

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118373.D
 Acq On : 28 Dec 2019 18:58
 Operator : JU
 Sample : K6438-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Manual Integrations
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Quant Time: Dec 29 07:51:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	119505	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	463638	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	253809	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	494439	20.00	ng	0.00
76) Chrysene-d12	14.05	240	368654	20.00	ng	0.00
87) Perylene-d12	15.54	264	353479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	877128	125.29	ng	0.01
7) Phenol-d6	6.49	99	1119537	128.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	664967	82.03	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	402416	128.39	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1368858	82.33	ng	0.00
79) Terphenyl-d14	12.99	244	1810638	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	111834	40.183	ng	97
3) Pyridine	3.39	79	266090	35.886	ng	96
4) n-Nitrosodimethylamine	3.34	42	132381	43.181	ng	96
6) Aniline	6.52	93	330192	29.941	ng	# 90
8) 2-Chlorophenol	6.64	128	381567	48.123	ng	95
9) Benzaldehyde	6.40	77	210982	41.436	ng	98
10) Phenol	6.51	94	479213	49.093	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	322633	46.216	ng	100
12) 1,3-Dichlorobenzene	6.79	146	407029	44.573	ng	99
13) 1,4-Dichlorobenzene	6.87	146	410216	44.226	ng	96
14) 1,2-Dichlorobenzene	7.02	146	393565	44.943	ng	99
15) Benzyl Alcohol	7.00	79	310555	46.964	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	336916	45.228	ng	92
17) 2-Methylphenol	7.12	107	306488	48.193	ng	96
18) Hexachloroethane	7.36	117	152165	44.699	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	244638	45.725	ng	98
20) 3+4-Methylphenols	7.27	107	391003	48.039	ng	93
22) Acetophenone	7.26	105	508705	44.768	ng	# 96
24) Nitrobenzene	7.44	77	367002	45.196	ng	96
25) Isophorone	7.68	82	679172	48.074	ng	99
26) 2-Nitrophenol	7.76	139	212506	49.408	ng	99
27) 2,4-Dimethylphenol	7.79	122	330225	56.272	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	424581	45.953	ng	99
29) 2,4-Dichlorophenol	8.00	162	321436	47.589	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	355770	45.216	ng	97
31) Naphthalene	8.16	128	1105841	46.927	ng	100
32) Benzoic acid	7.94	122	202498	41.708	ng	90
33) 4-Chloroaniline	8.22	127	151165	14.964	ng	96
34) Hexachlorobutadiene	8.27	225	208781	44.577	ng	98
35) Caprolactam	8.59	113	109308m	51.836	ng	
36) 4-Chloro-3-methylphenol	8.71	107	347846	47.966	ng	99
37) 2-Methylnaphthalene	8.86	142	780316	48.364	ng	98
38) 1-Methylnaphthalene	8.96	142	725915	47.756	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	341956	44.842	ng	99

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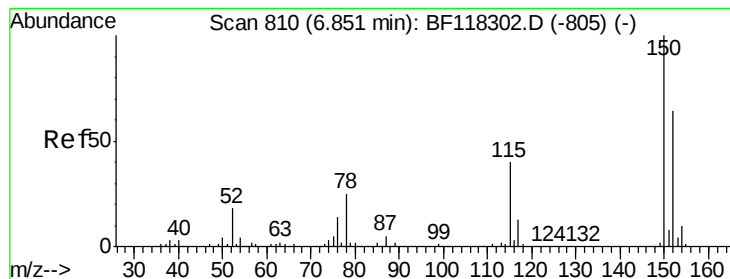
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Quant Time: Dec 29 07:51:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	267127	82.823	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	233217	45.777	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	242477	46.267	nq	99
46) 1,1'-Biphenyl	9.32	154	928489	46.251	nq	100
47) 2-Chloronaphthalene	9.35	162	722019	44.688	nq	99
48) 2-Nitroaniline	9.45	65	200349	43.901	nq	90
49) Acenaphthylene	9.76	152	1149606	47.975	nq	98
50) Dimethylphthalate	9.62	163	943804	49.539	nq	99
51) 2,6-Dinitrotoluene	9.69	165	198361	48.293	nq	91
52) Acenaphthene	9.94	154	671829	46.029	nq	98
53) 3-Nitroaniline	9.86	138	99580	20.656	nq	94
54) 2,4-Dinitrophenol	9.98	184	181787	87.274	nq	97
55) Dibenzofuran	10.11	168	1005732	46.634	nq	96
56) 4-Nitrophenol	10.04	139	282445	94.903	nq	95
57) 2,4-Dinitrotoluene	10.10	165	266925	48.634	nq	93
58) Fluorene	10.46	166	822545	47.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	209093	46.955	nq	99
60) Diethylphthalate	10.32	149	911308	48.350	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	412499	47.463	nq	95
62) 4-Nitroaniline	10.49	138	211996	42.330	nq	96
63) Azobenzene	10.60	77	774960	48.002	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	136514	51.180	nq	91
66) n-Nitrosodiphenylamine	10.56	169	739174	46.645	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	261562	45.203	nq	96
68) Hexachlorobenzene	11.01	284	295837	43.435	nq	93
69) Atrazine	11.10	200	262160	53.603	nq	96
70) Pentachlorophenol	11.21	266	255330	86.560	nq	99
71) Phenanthrene	11.42	178	1237545	45.913	nq	99
72) Anthracene	11.47	178	1294286	47.973	nq	99
73) Carbazole	11.63	167	1129572	47.183	nq	98
74) Di-n-butylphthalate	11.95	149	1523429	50.187	nq	100
75) Fluoranthene	12.62	202	1327126	48.786	nq	96
77) Benzidine	12.74	184	696768	68.978	nq	98
78) Pyrene	12.85	202	1326720	44.070	nq	100
80) Butylbenzylphthalate	13.46	149	644685	47.561	nq	96
81) Benzo(a)anthracene	14.04	228	1198935	46.462	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	279524	31.948	nq	99
83) Chrysene	14.08	228	1118972	45.287	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	947395	53.154	nq	99
85) Di-n-octyl phthalate	14.63	149	1516685	57.849	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1065062	50.589	nq	100
88) Benzo(b)fluoranthene	15.10	252	1106102	47.141	nq	98
89) Benzo(k)fluoranthene	15.13	252	971551	43.124	nq	99
90) Benzo(a)pyrene	15.48	252	928410	44.916	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	901614	50.266	nq	97
92) Benzo(g,h,i)perylene	17.52	276	875023	50.501	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



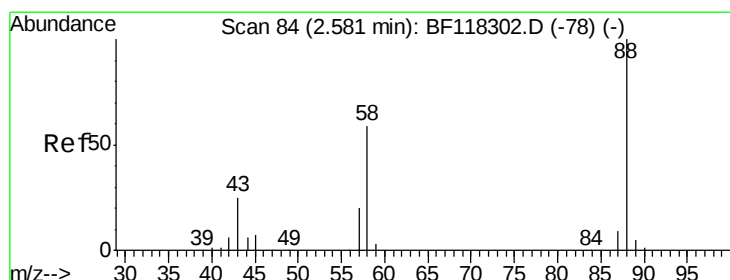
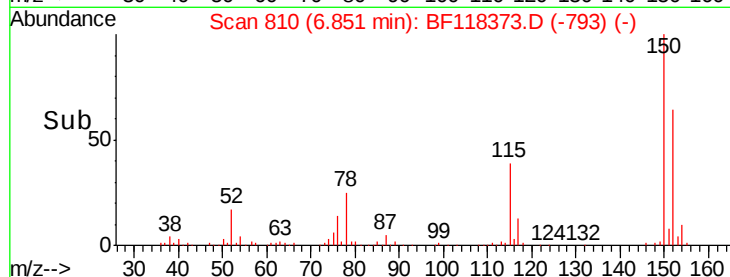
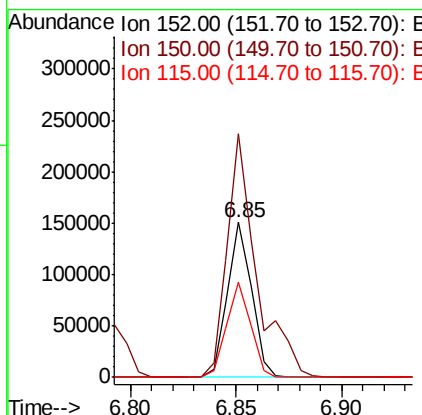
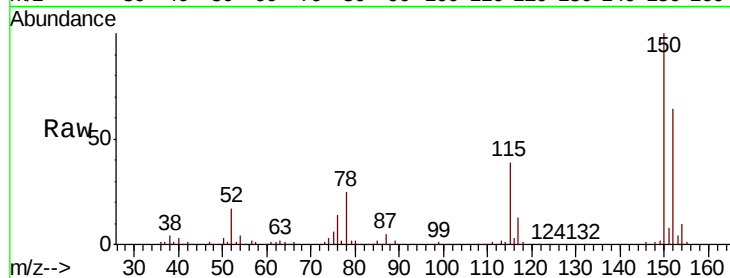
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.4	188.2
115	61.5	50.2	75.4

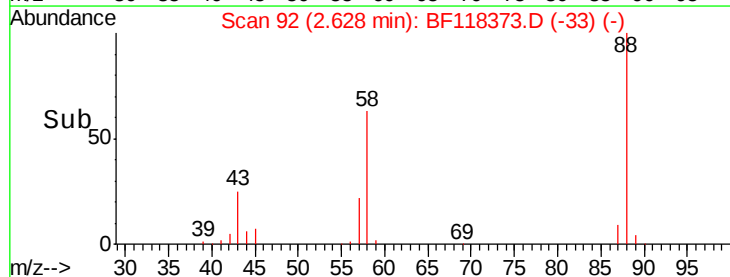
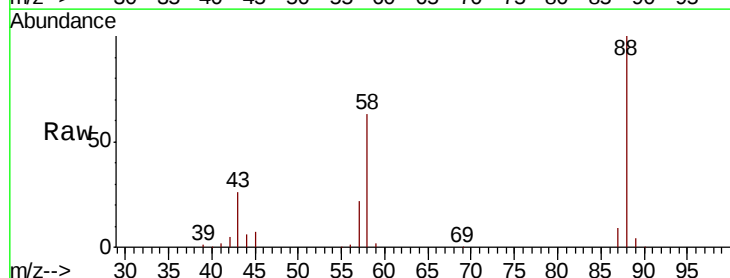
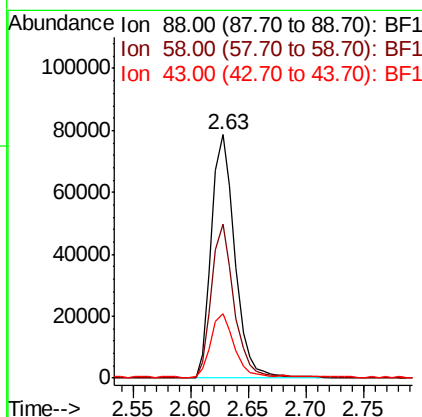
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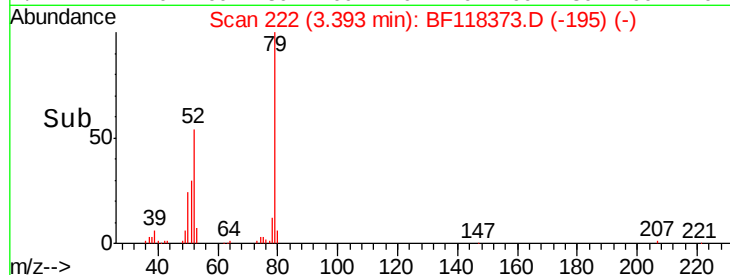
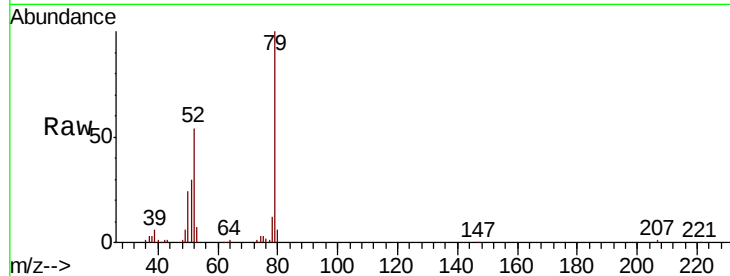
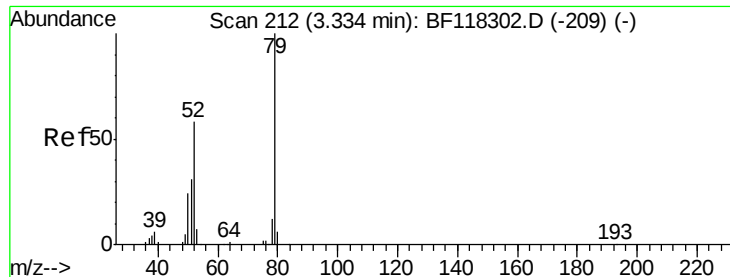
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#2
 1,4-Dioxane
 Concen: 40.183 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.05 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	47.6	71.4
43	27.6	20.6	30.8





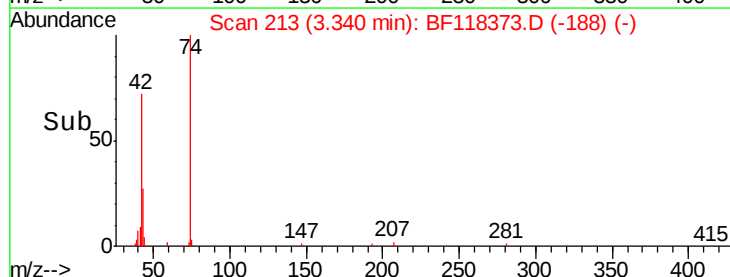
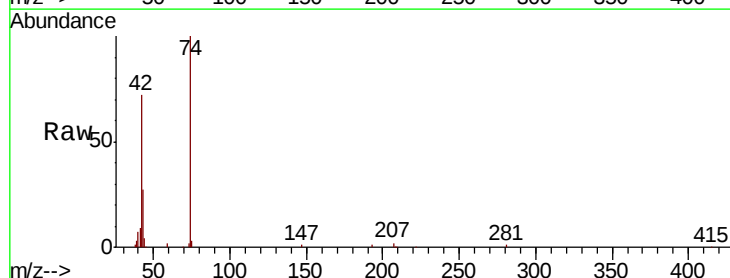
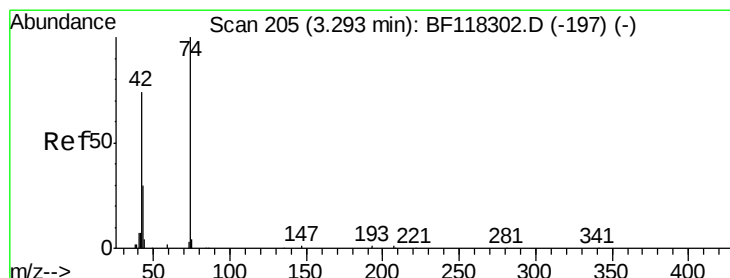
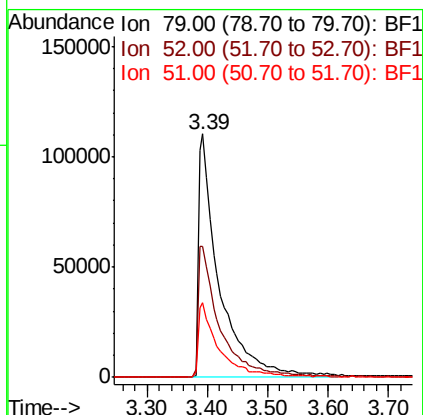
#3
 Pvridine
 Concen: 35.886 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.06 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.0	46.4	69.6
51	30.4	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

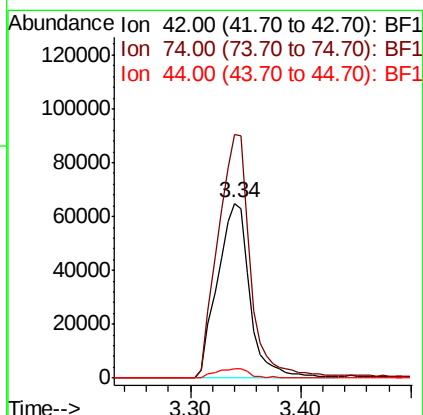
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#4
 n-Nitrosodimethylamine
 Concen: 43.181 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.5	107.7	161.5
44	5.2	4.8	7.2





#5

2-Fluorophenol

Concen: 125.287 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

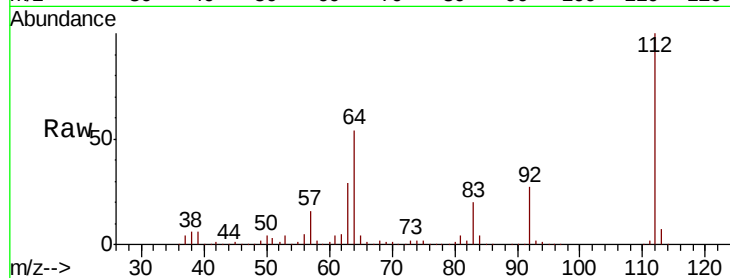
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DUNR-BF001-01MSD

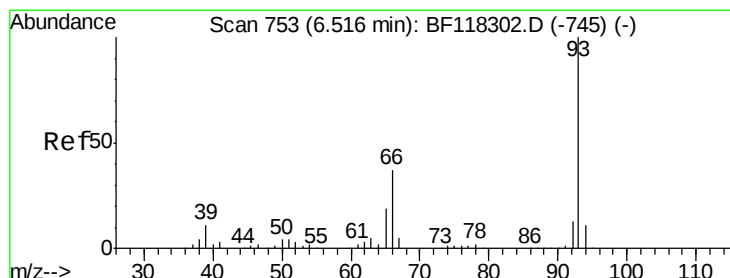
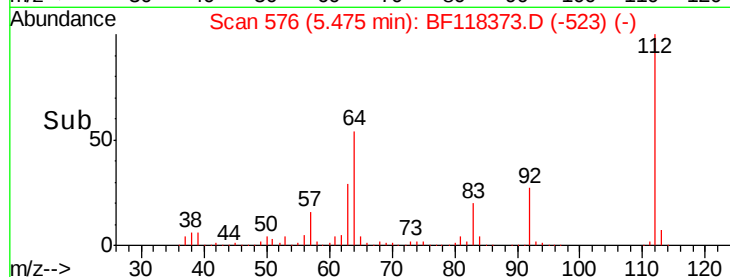
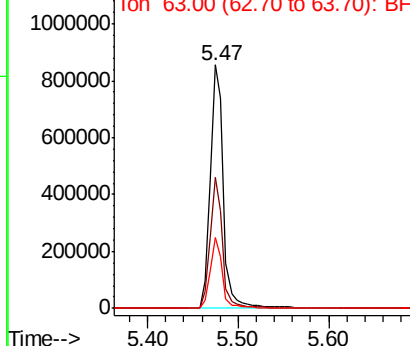
Tot Ion:	112	Resp:	877128
Ion Ratio	Lower	Upper	
112	100		
64	54.0	39.7	59.5
63	28.8	21.7	32.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.941 ng

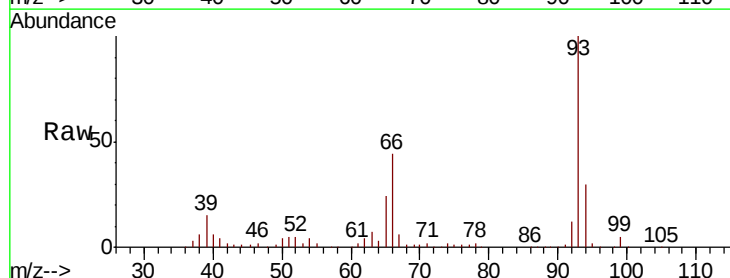
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Delta R.T. -0.00 min

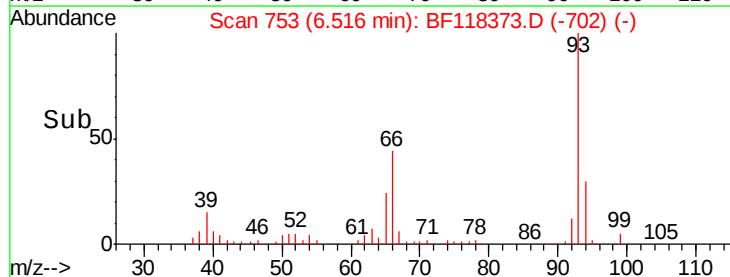
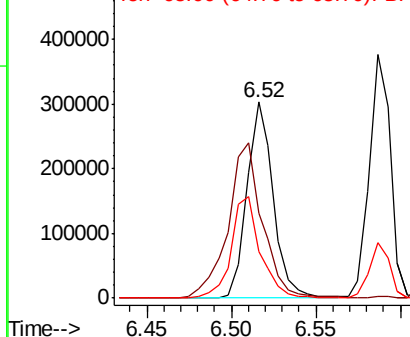
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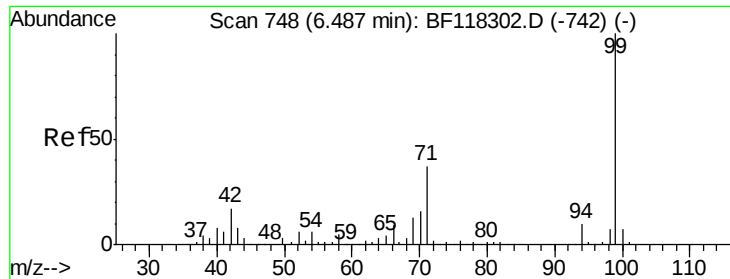
Acq: 28 Dec 2019 18:58

Tgt Ion:	93	Resp:	330192
Ion Ratio	Lower	Upper	
93	100		
66	43.5	30.2	45.4
65	24.0	15.7	23.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.907 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion: 99 Resp: 1119537

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

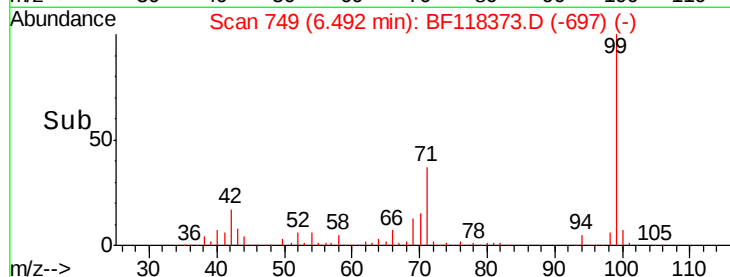
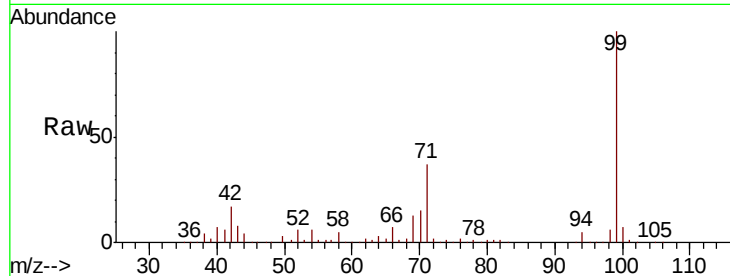
71 36.7 29.4 44.2

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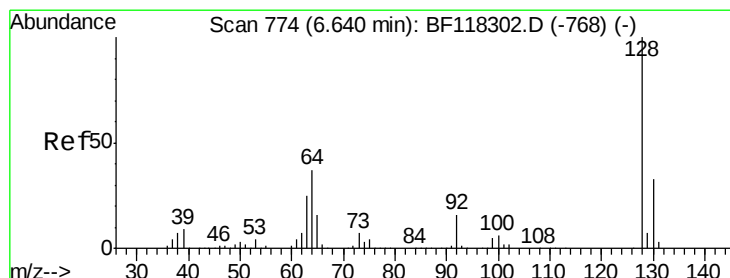
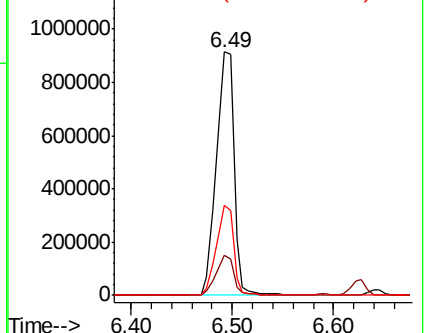
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.123 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

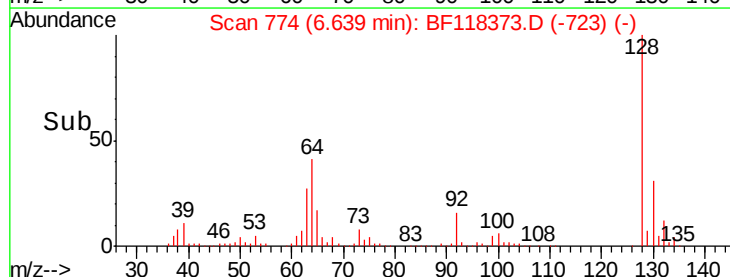
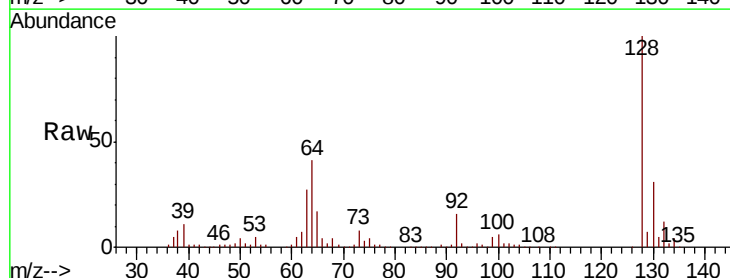
Tgt Ion: 128 Resp: 381567

Ion Ratio Lower Upper

128 100

130 30.9 13.2 53.2

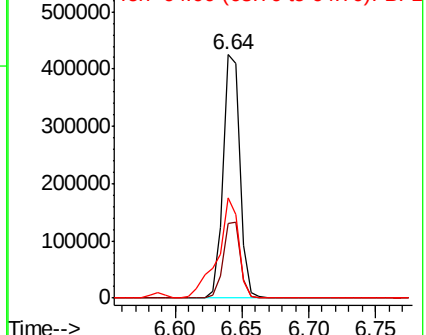
64 41.4 17.7 57.7

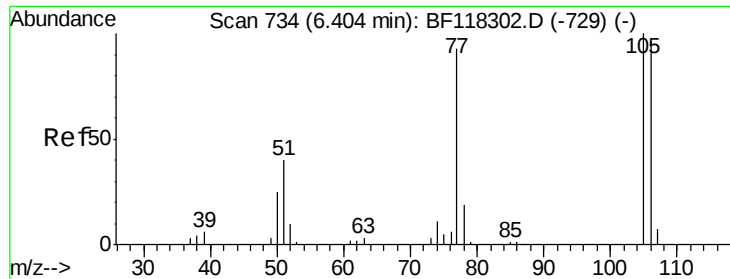


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.436 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

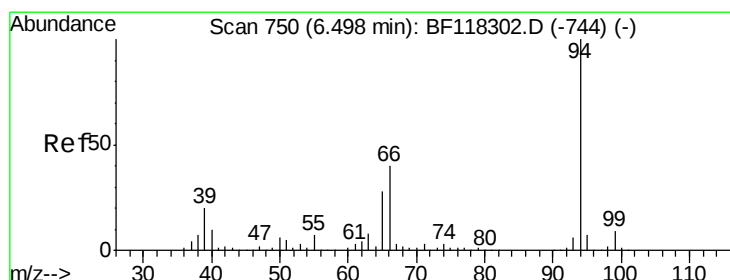
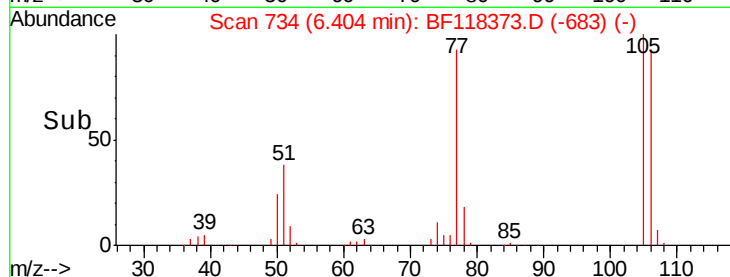
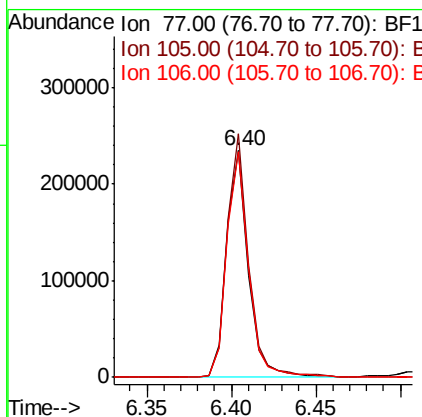
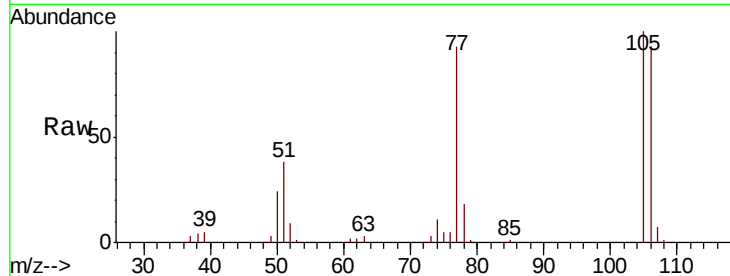
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.4	87.5	127.5
106	99.8	83.6	123.6

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#10

Phenol

Concen: 49.093 ng

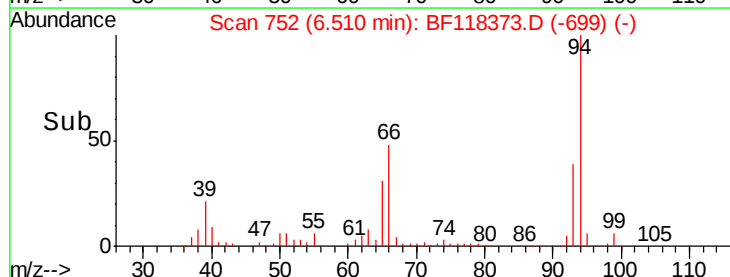
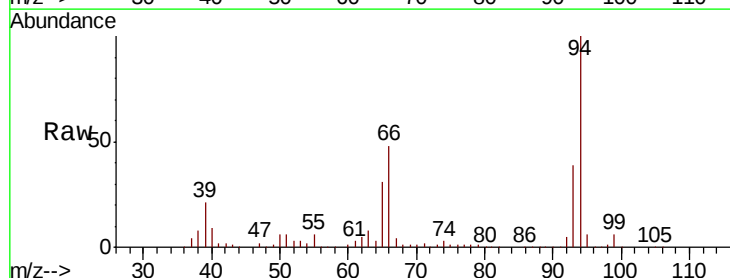
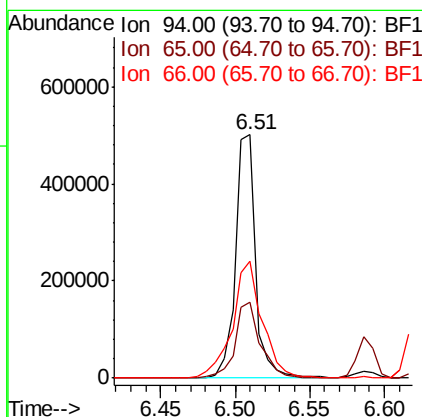
RT: 6.51 min Scan# 752

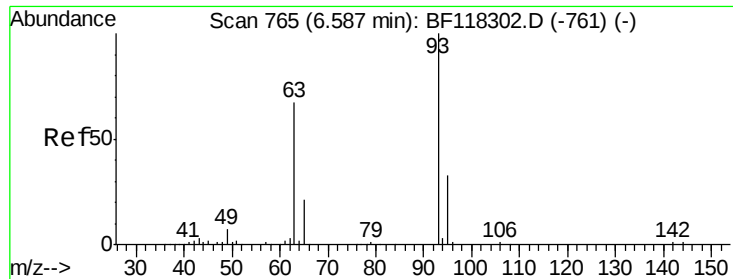
Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.8	47.8
66	48.0	20.4	60.4





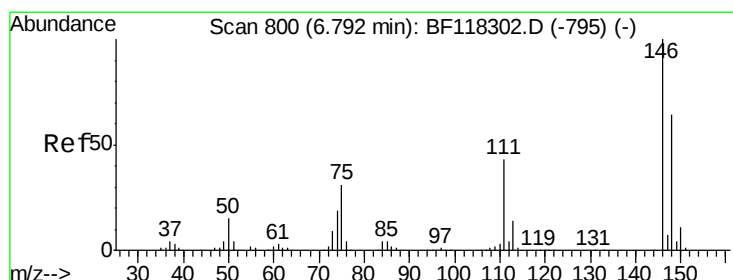
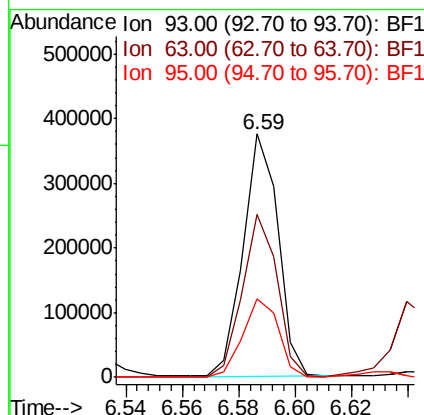
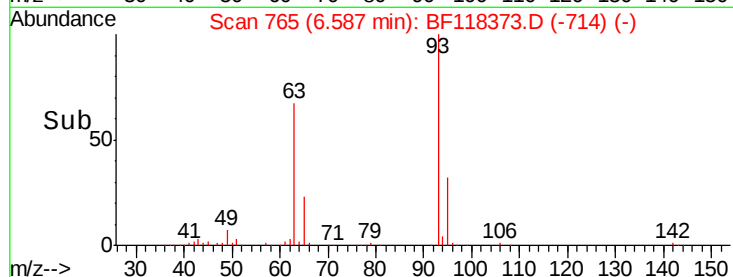
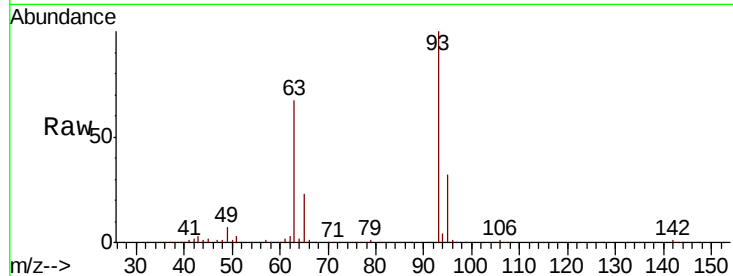
#11
bis(2-Chloroethyl)ether
Concen: 46.216 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion:	93	Resp:	322633
Ion Ratio	Lower	Upper	
93	100		
63	67.1	47.0	87.0
95	32.5	12.8	52.8

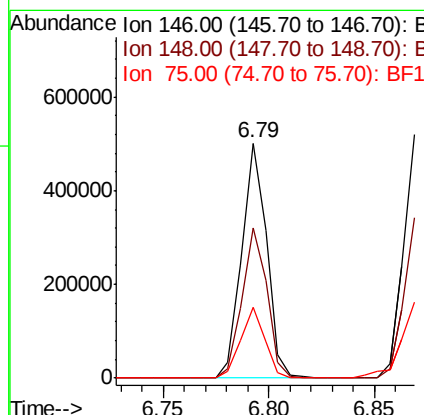
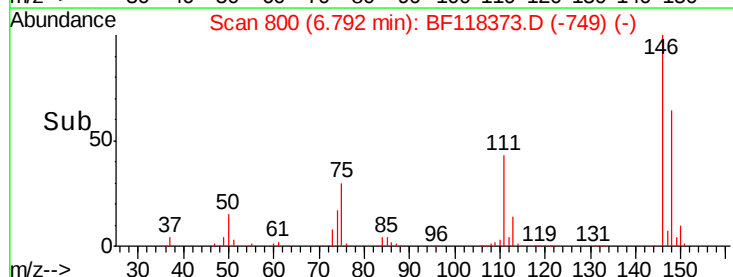
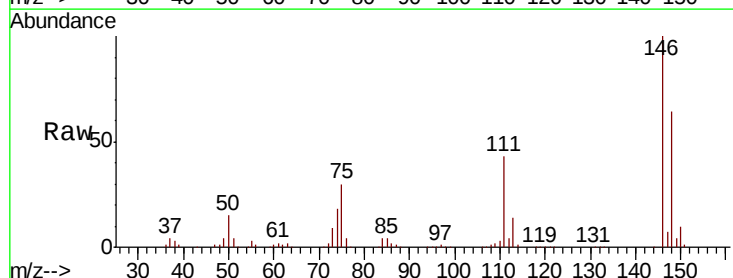
Manual Integrations
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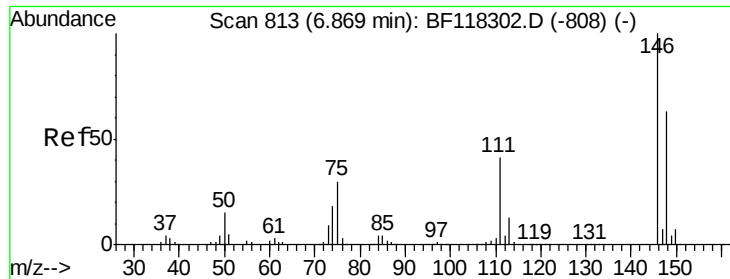
mohammad
12/30/2019 2:08:46 PM



#12
1,3-Dichlorobenzene
Concen: 44.573 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:	146	Resp:	407029
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.4	77.0
75	30.2	24.4	36.6





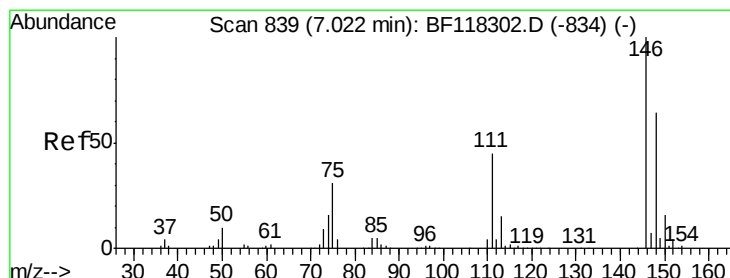
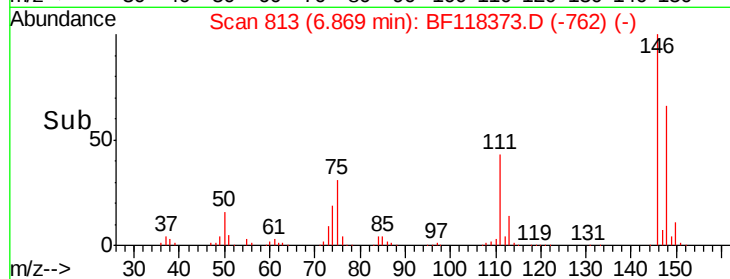
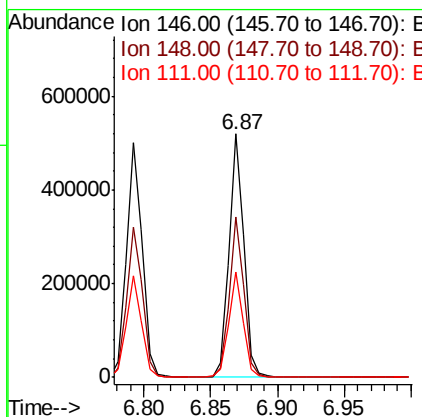
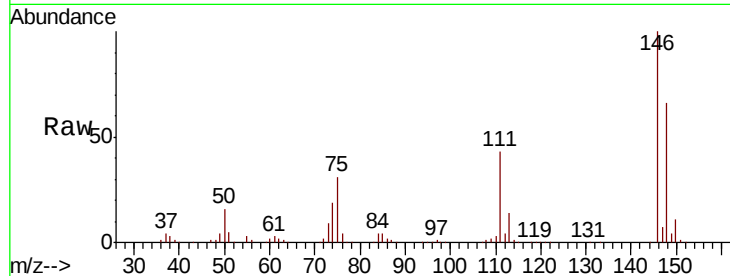
#13
 1,4-Dichlorobenzene
 Concen: 44.226 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.3	75.5
111	43.1	32.8	49.2

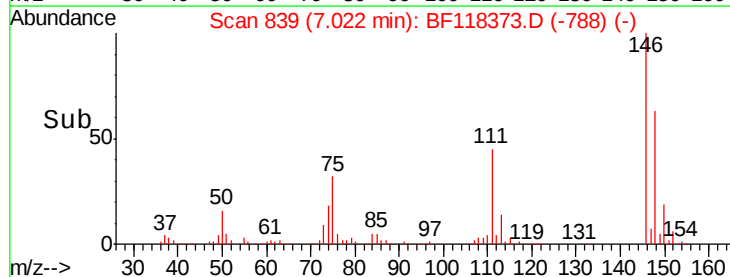
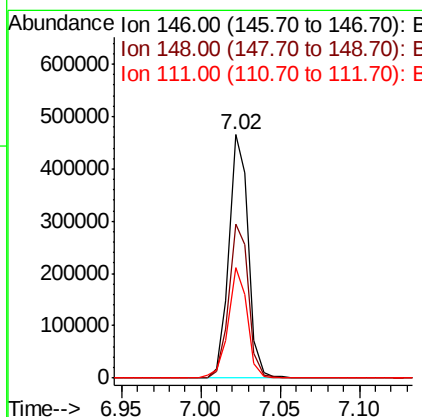
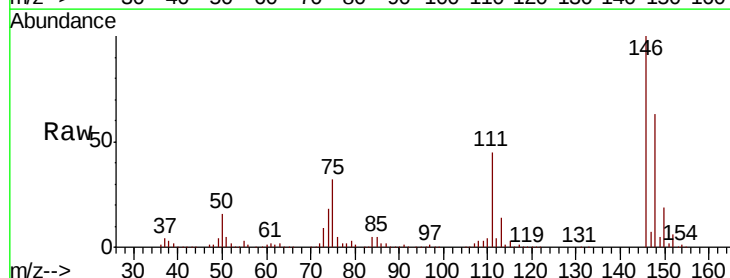
Manual Integrations
 APPROVED

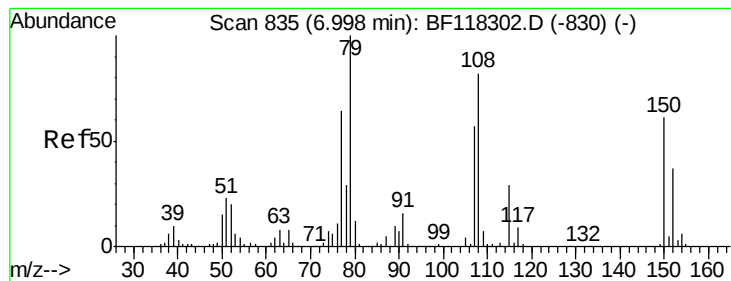
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.943 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	45.1	35.7	53.5





#15

Benzyl Alcohol

Concen: 46.964 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

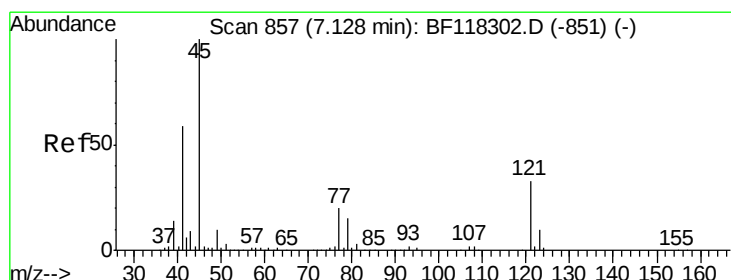
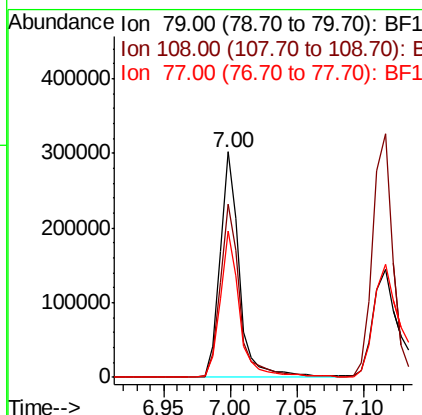
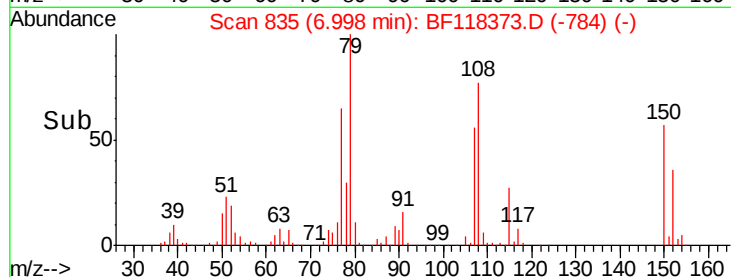
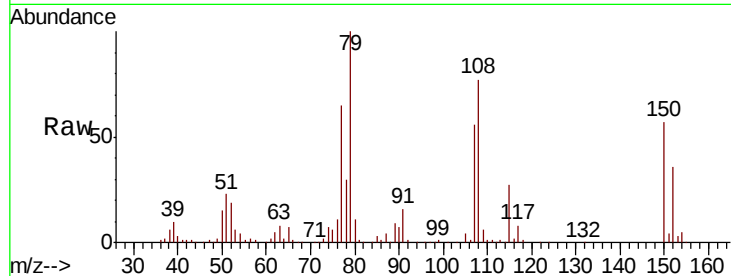
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	79	Resp:	310555
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.4	98.0
77	64.7	51.4	77.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.228 ng

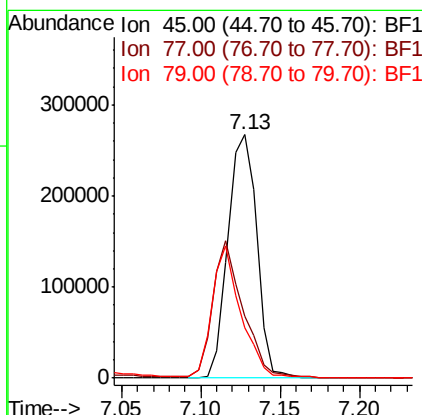
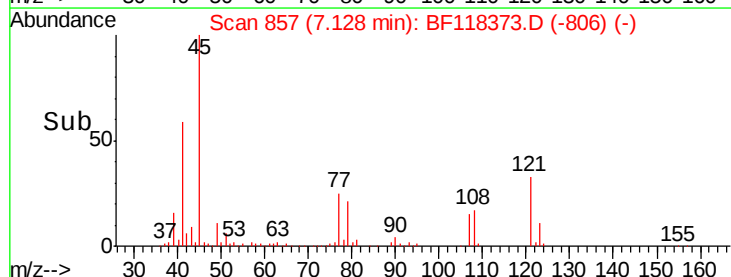
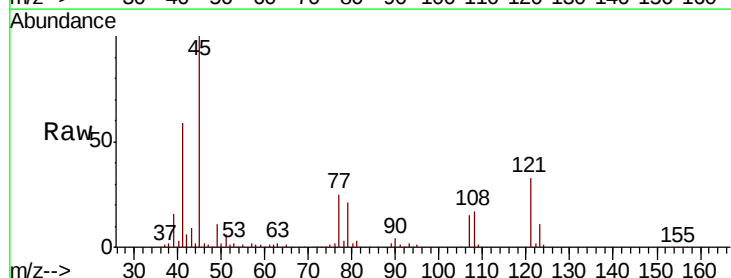
RT: 7.13 min Scan# 857

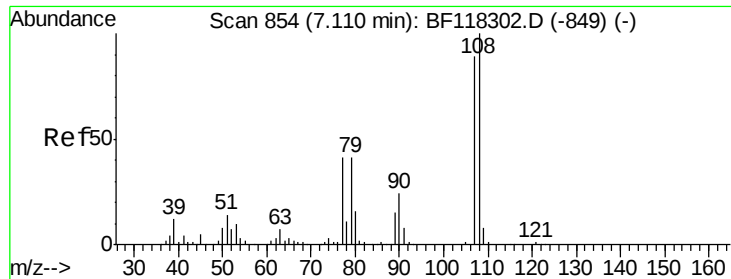
Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:	45	Resp:	336916
Ion Ratio	Lower	Upper	
45	100		
77	25.2	1.2	41.2
79	20.7	0.0	37.0





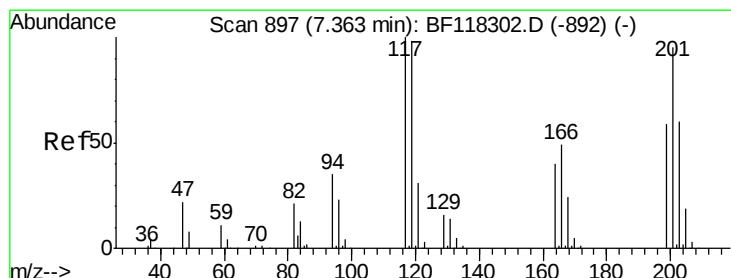
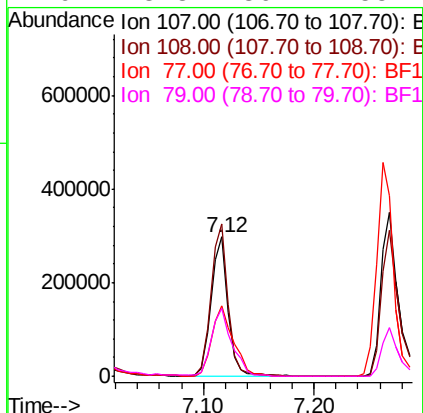
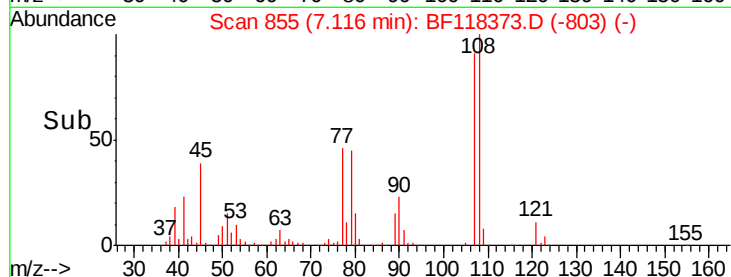
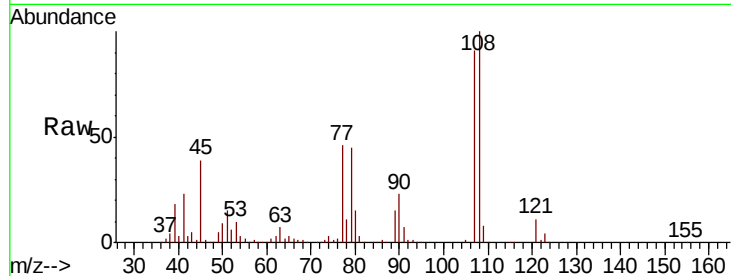
#17
2-Methylphenol
Concen: 48.193 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion:	107	Resp:	306488
Ion Ratio	Lower	Upper	
107	100		
108	109.7	89.7	134.5
77	50.7	37.2	55.8
79	48.8	36.7	55.1

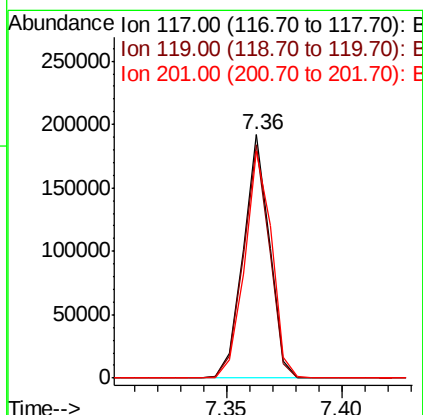
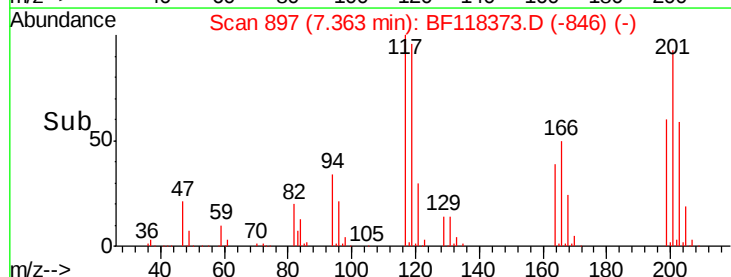
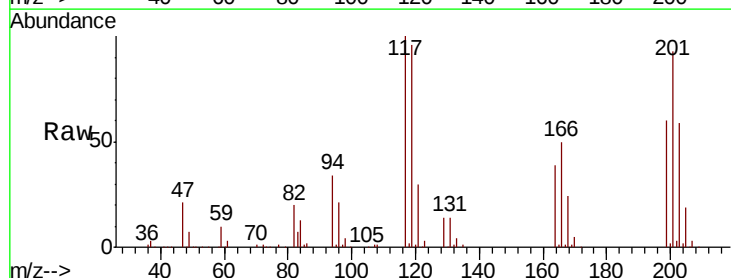
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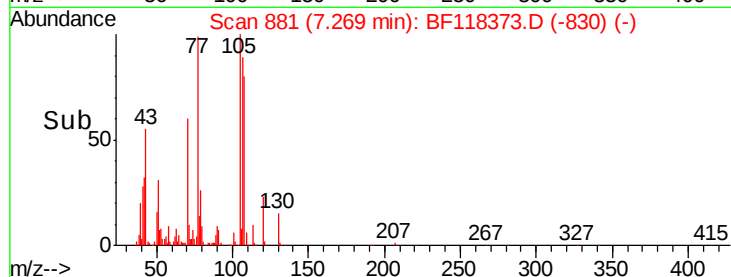
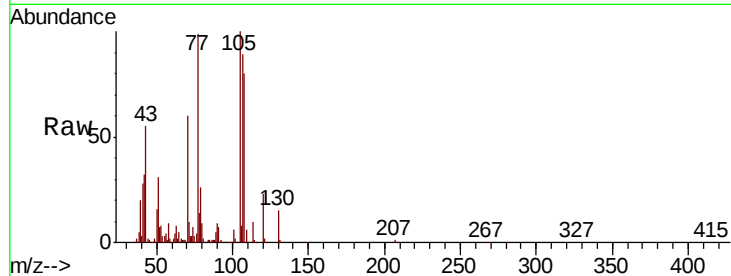
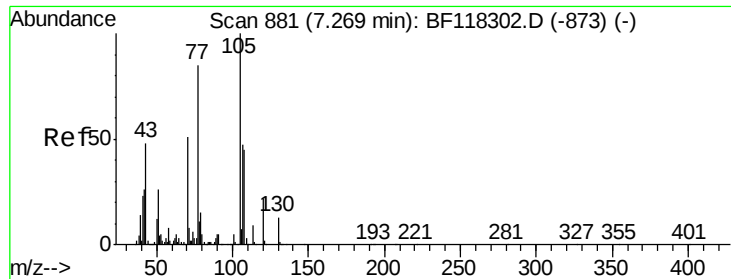
mohammad
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#18
Hexachloroethane
Concen: 44.699 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:	117	Resp:	152165
Ion Ratio	Lower	Upper	
117	100		
119	95.6	78.0	117.0
201	93.3	76.2	114.2





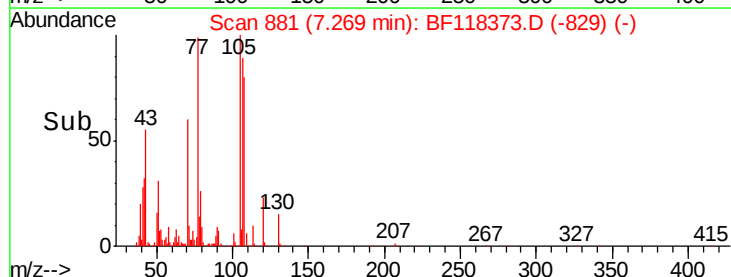
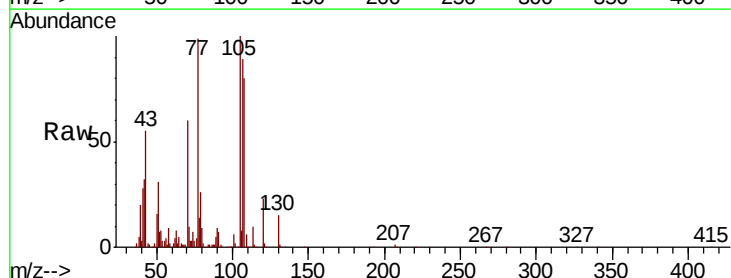
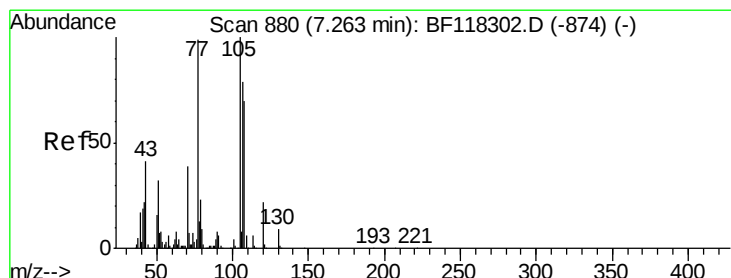
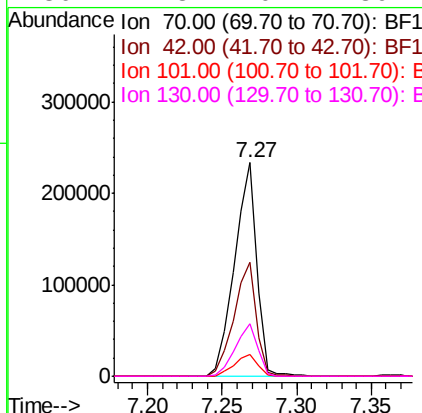
#19
n-Nitroso-di-n-propylamine
Concen: 45.725 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	41.1	61.7
101	10.2	8.3	12.5
130	24.8	20.1	30.1

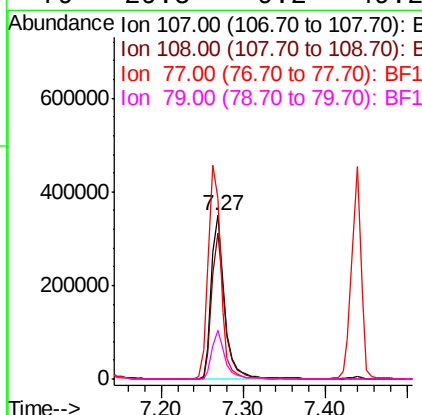
Manual Integrations
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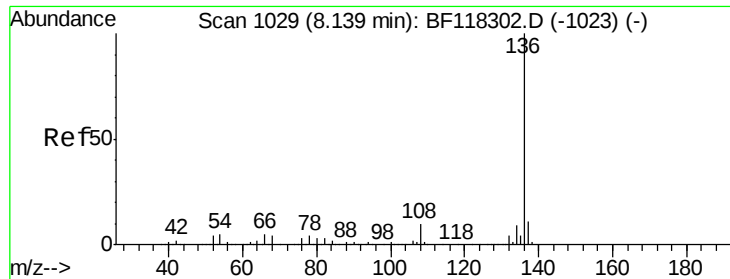
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#20
3+4-Methylphenols
Concen: 48.039 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.3	109.3
77	110.7	105.9	145.9
79	29.5	9.2	49.2





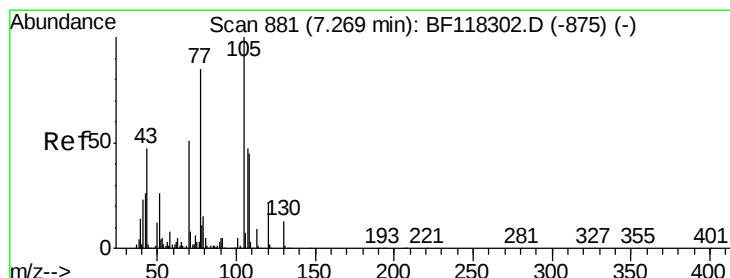
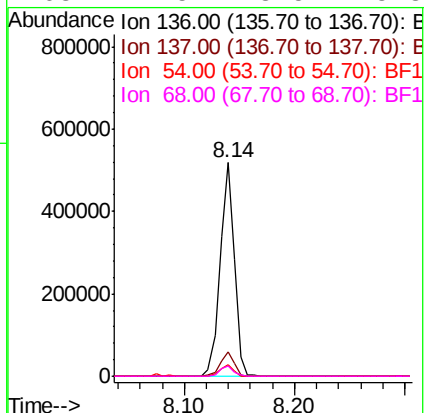
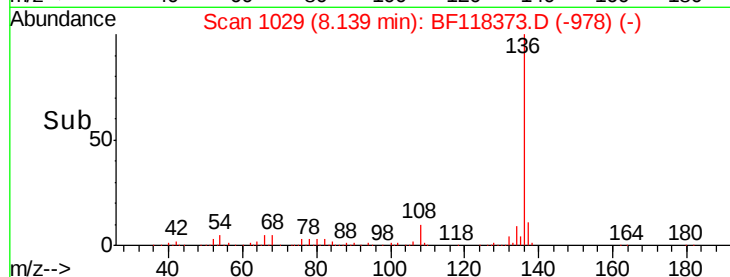
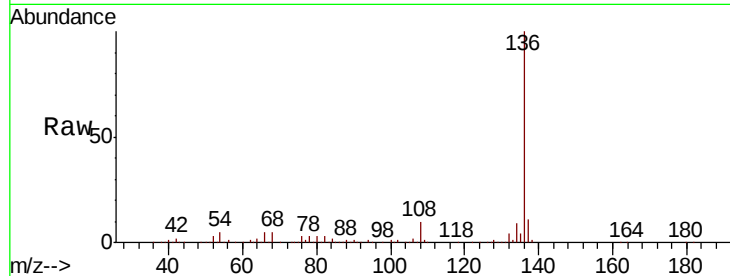
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		463638		
137	11.4		8.9	13.3	
54	5.3		4.2	6.4	
68	4.5		3.5	5.3	

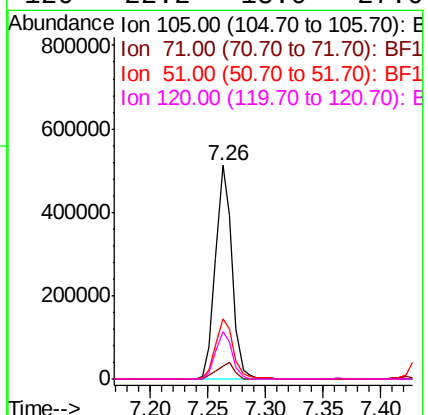
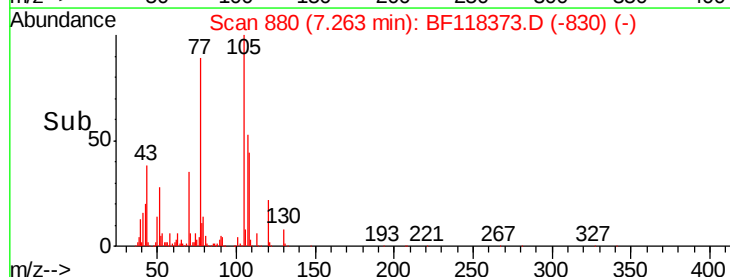
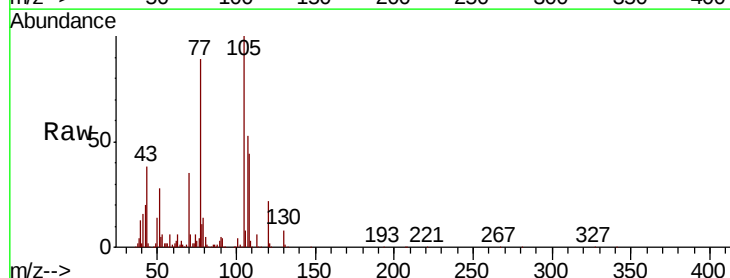
Manual Integrations
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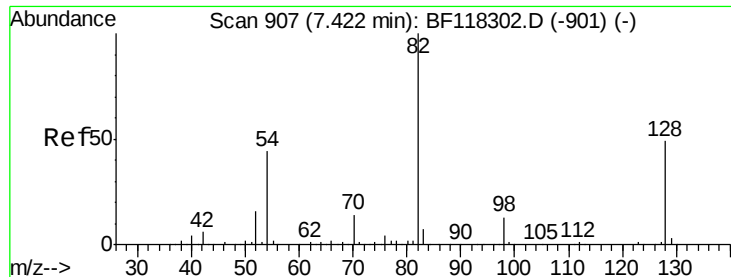
mohammad
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#22
Acetophenone
Concen: 44.768 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		508705		
71	5.8		6.6	9.8#	
51	28.3		20.6	30.8	
120	22.2		18.0	27.0	





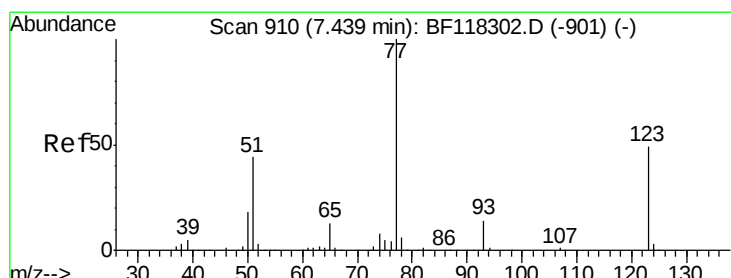
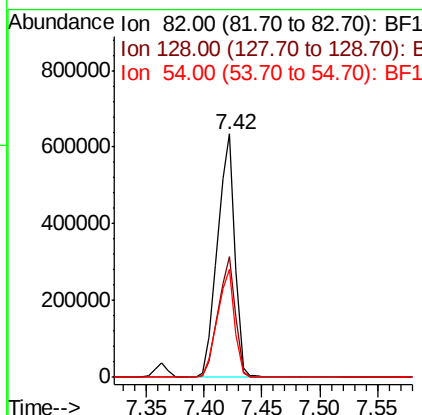
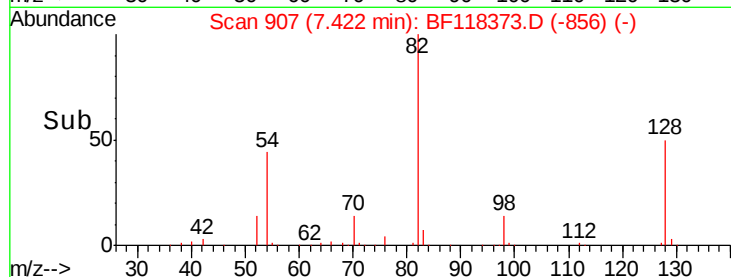
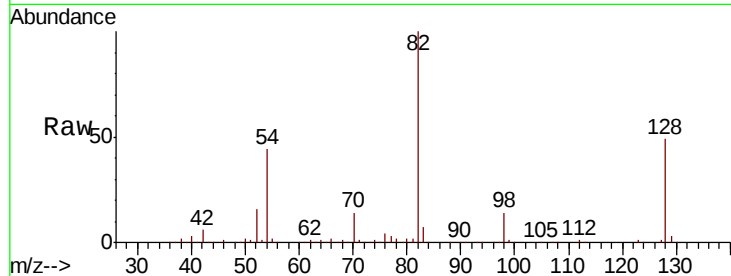
#23
 Nitrobenzene-d5
 Concen: 82.031 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	39.6	59.4
54	44.3	34.9	52.3

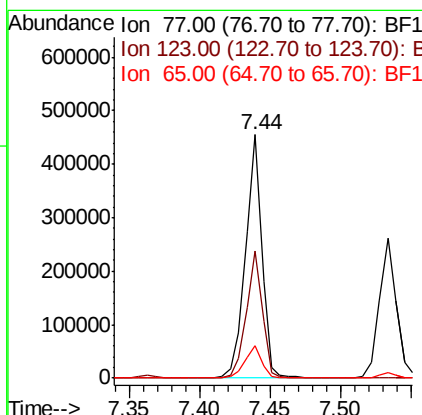
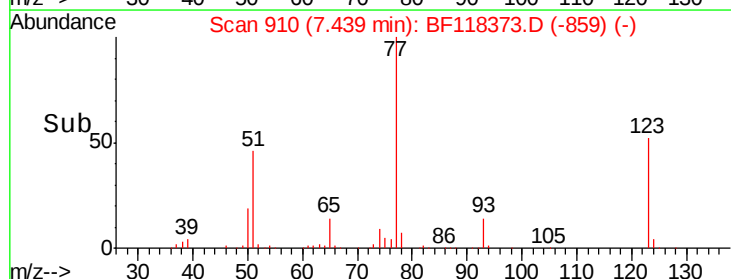
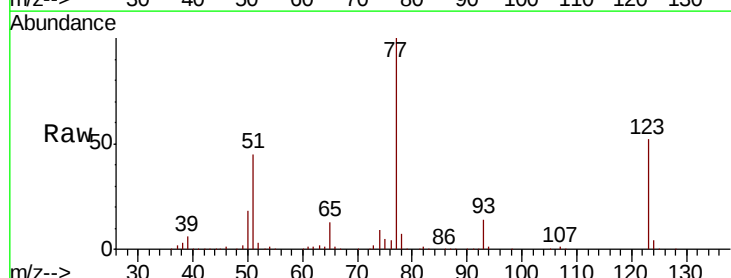
Manual Integrations
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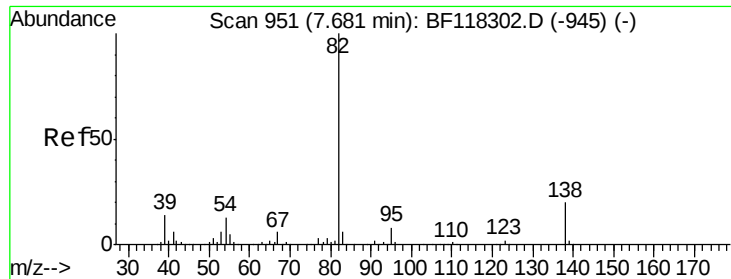
mohammad
 12/30/2019 2:08:46 PM



#24
 Nitrobenzene
 Concen: 45.196 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	39.1	58.7
65	13.5	10.6	16.0





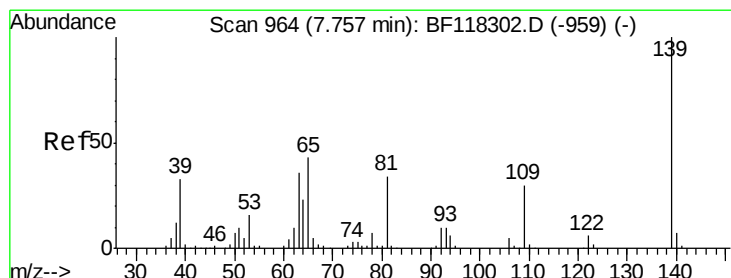
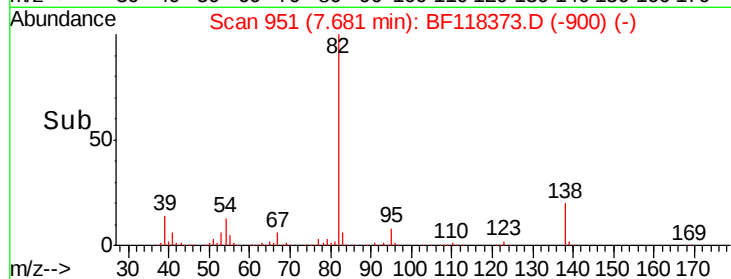
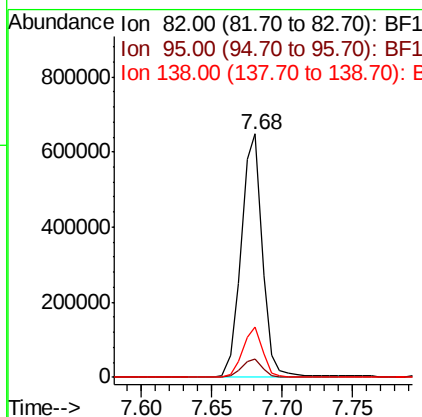
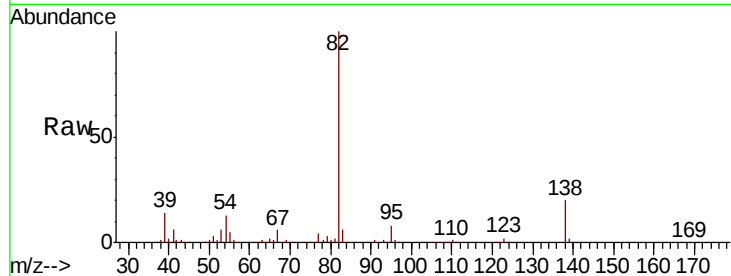
#25
Isophorone
Concen: 48.074 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	20.5	16.2	24.2

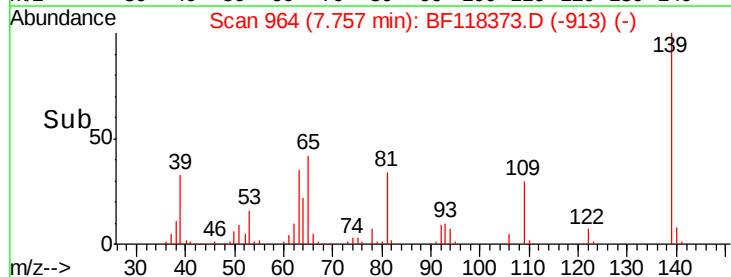
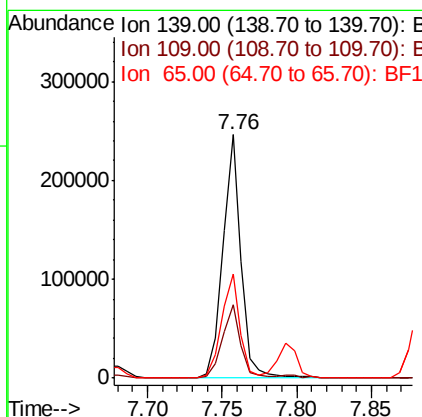
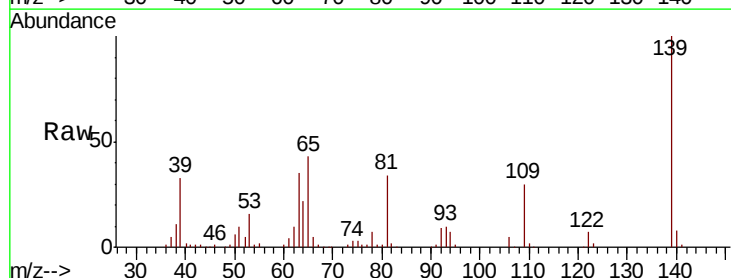
Manual Integrations
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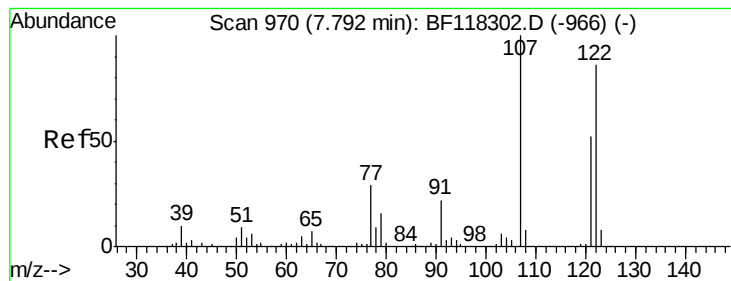
mohammad
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#26
2-Nitrophenol
Concen: 49.408 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.9	24.1	36.1
65	42.6	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 56.272 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

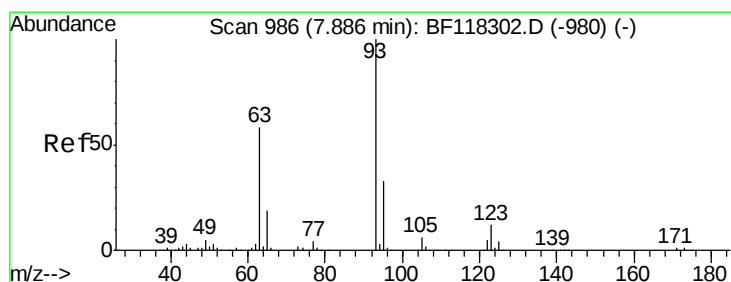
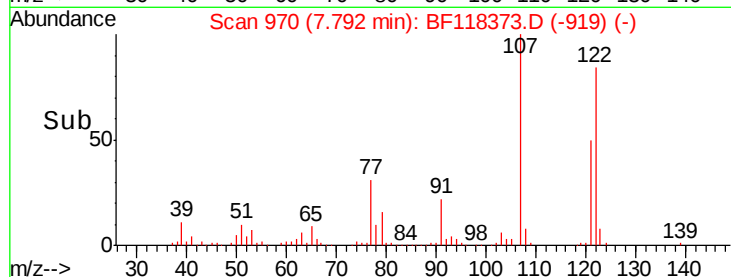
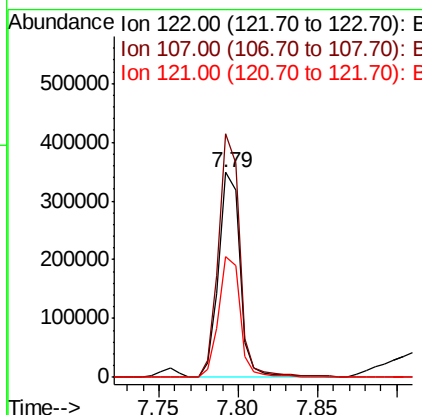
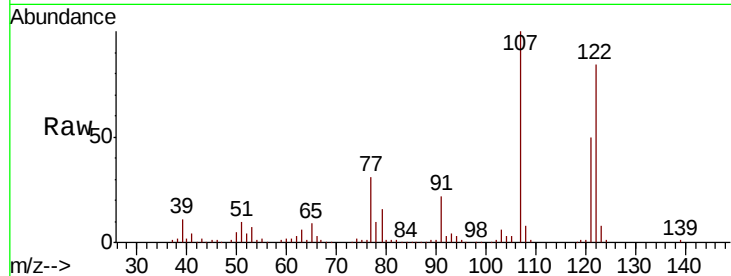
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	122	Resp:	330225
Ion Ratio	Lower	Upper	
122	100		
107	119.0	92.9	139.3
121	59.3	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 45.953 ng

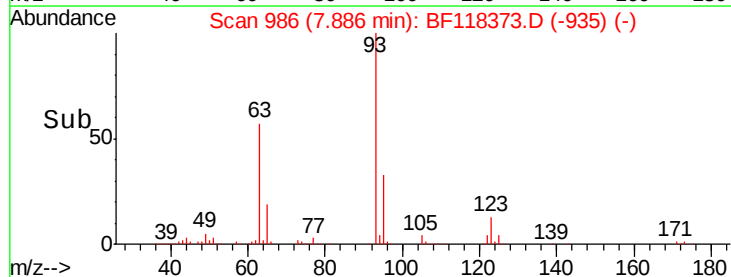
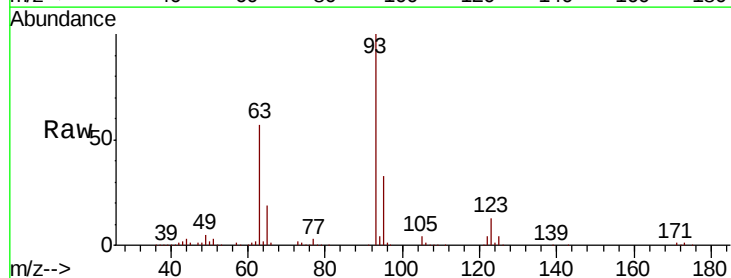
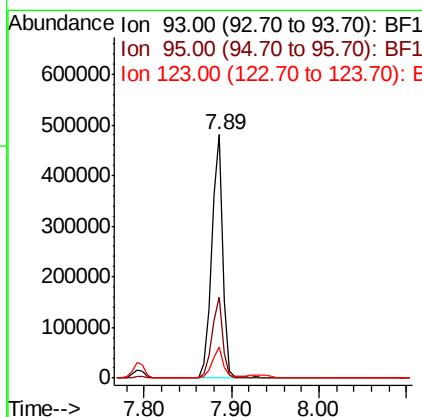
RT: 7.89 min Scan# 986

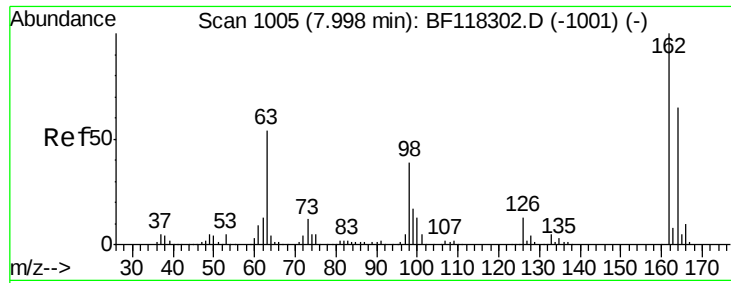
Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:	93	Resp:	424581
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.4
123	12.6	9.8	14.8





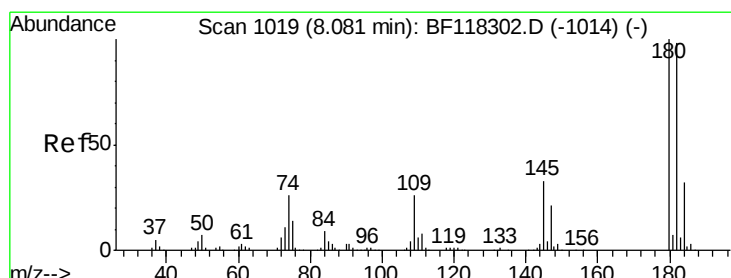
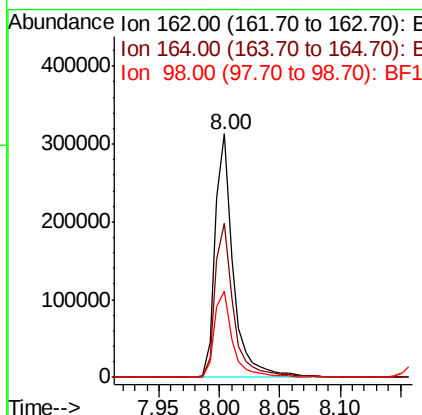
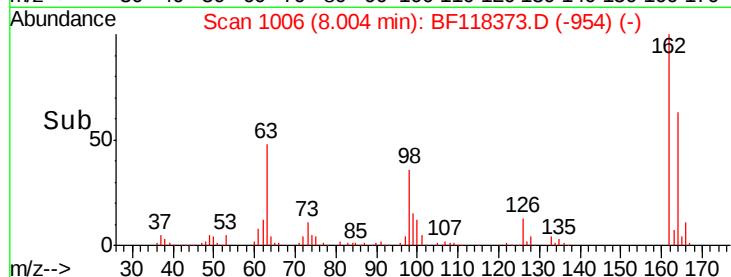
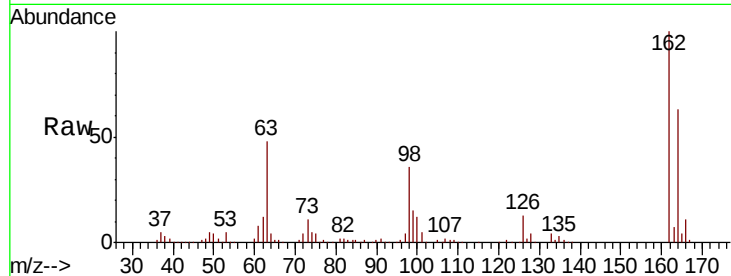
#29
2,4-Dichlorophenol
Concen: 47.589 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	321436		
164	63.5	45.1	85.1	
98	35.5	18.6	58.6	

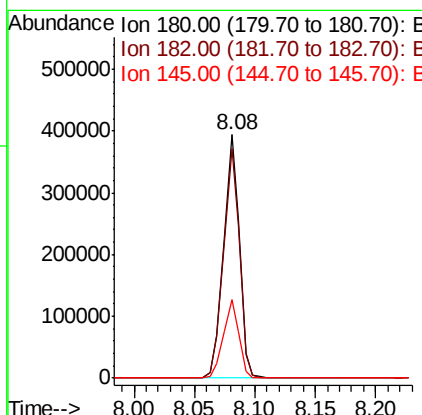
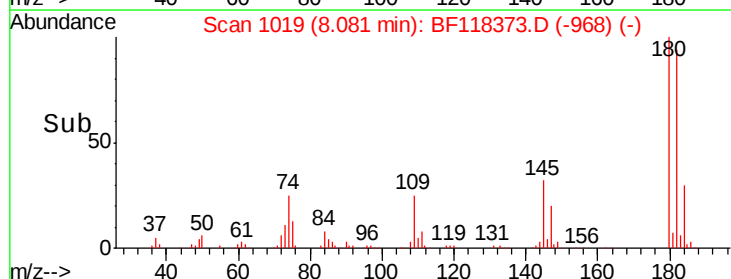
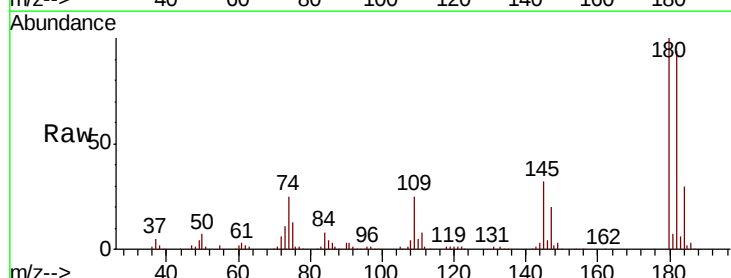
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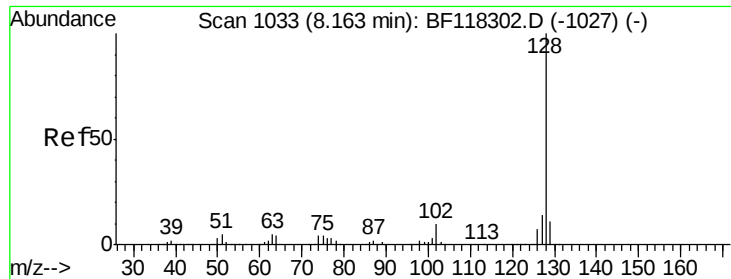
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#30
1,2,4-Trichlorobenzene
Concen: 45.216 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	355770		
182	94.4	78.3	117.5	
145	32.3	26.7	40.1	





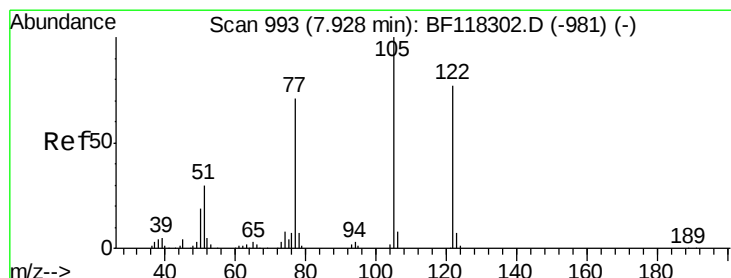
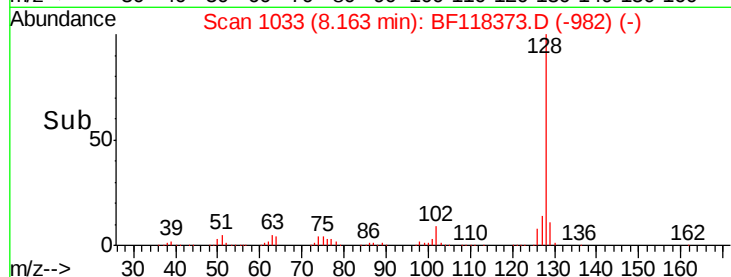
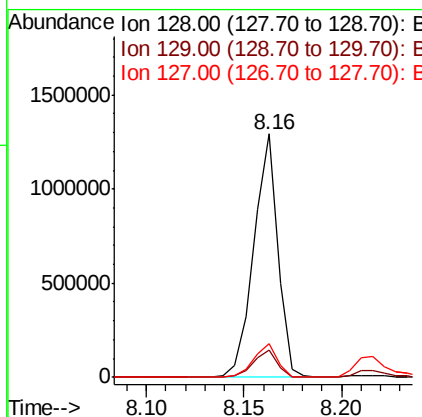
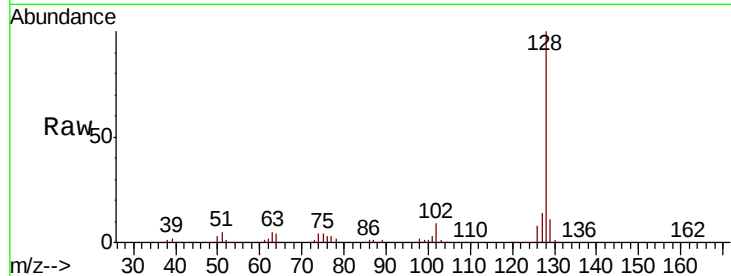
#31
Naphthalene
Concen: 46.927 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.6	11.0	16.4

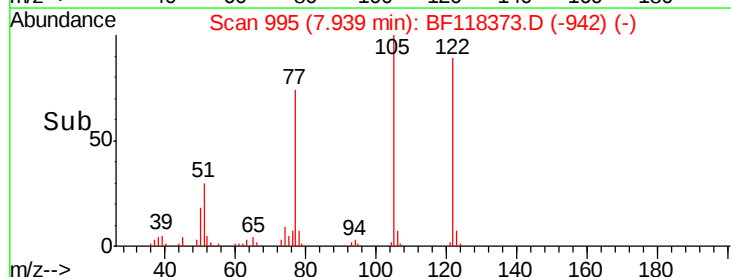
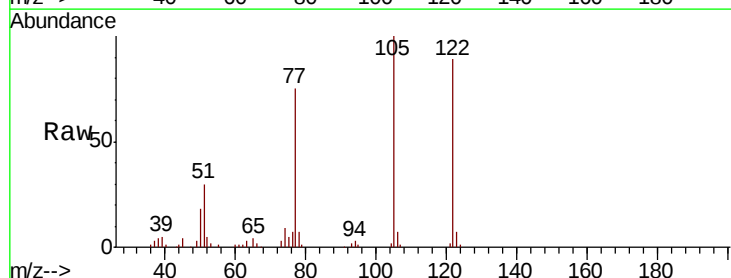
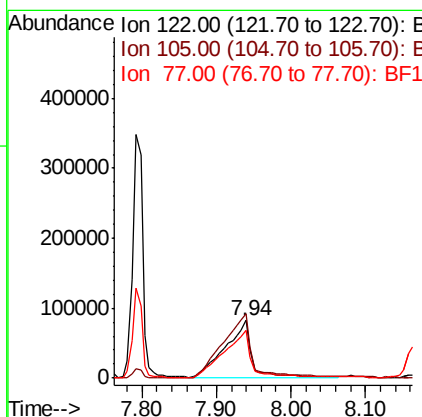
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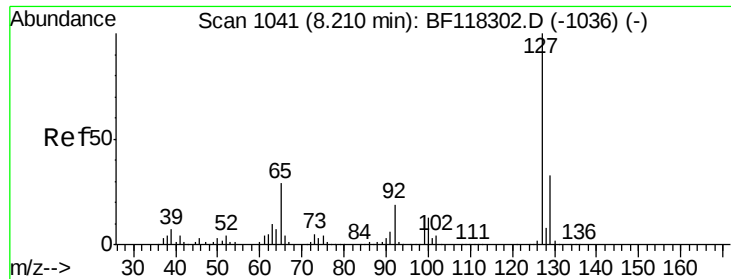
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#32
Benzoic acid
Concen: 41.708 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.2	106.8	146.8
77	83.9	70.4	110.4





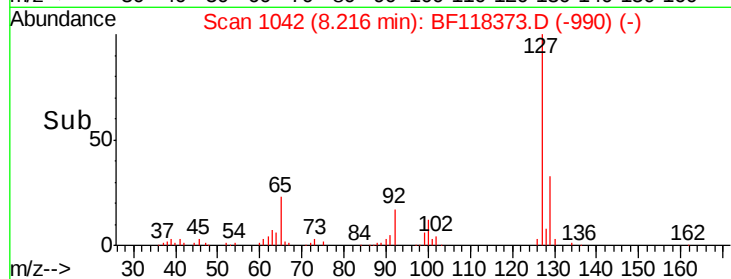
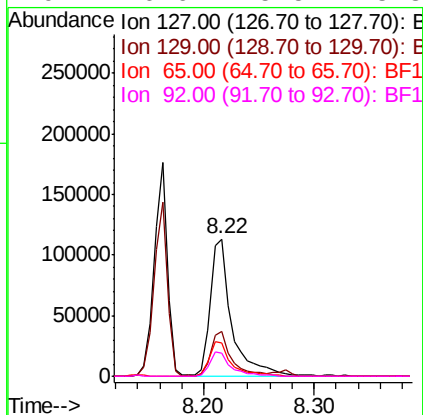
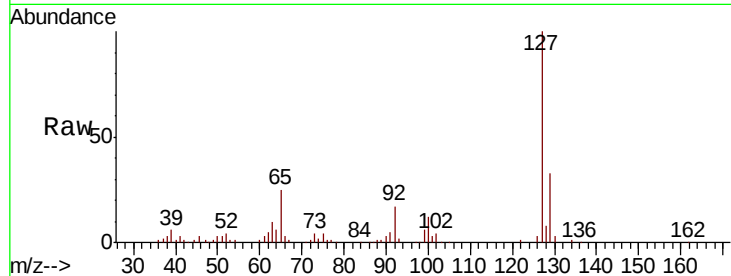
#33
 4-Chloroaniline
 Concen: 14.964 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		151165		
129	33.0	26.5	39.7		
65	24.8	22.8	34.2		
92	16.6	15.5	23.3		

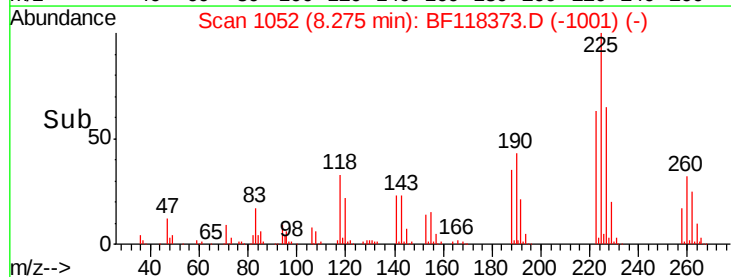
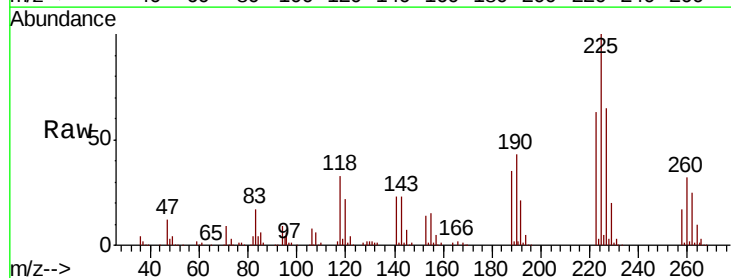
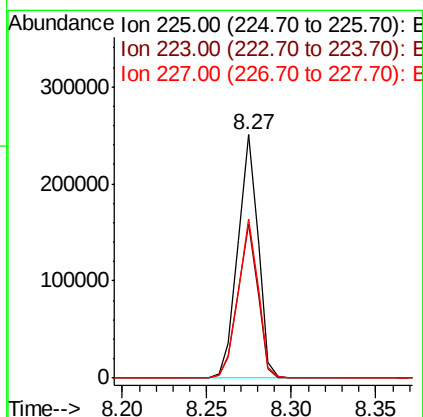
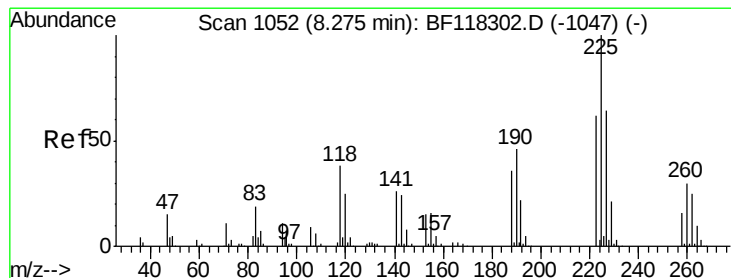
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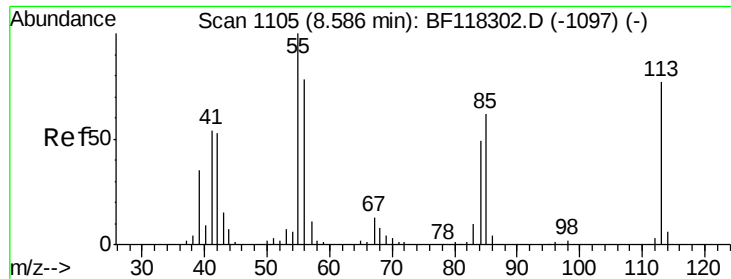
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#34
 Hexachlorobutadiene
 Concen: 44.577 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		208781		
223	63.1	49.5	74.3		
227	65.3	51.0	76.4		





#35

Caprolactam

Concen: 51.836 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

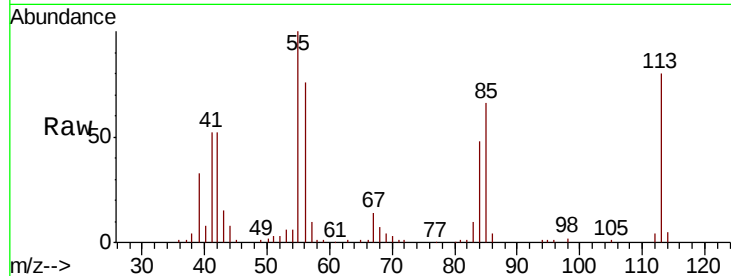
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	113	Resp:	109308
Ion Ratio	Lower	Upper	
113	100		
55	125.2	109.8	149.8
56	95.1	81.7	121.7

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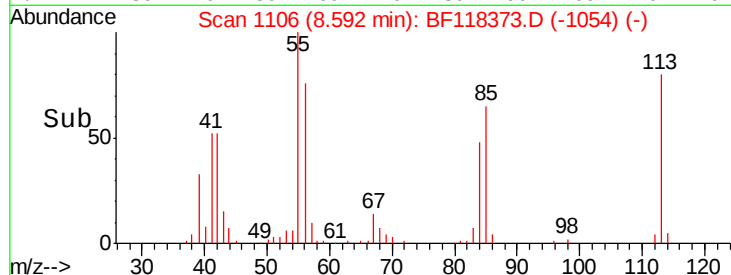


Abundance Ion 113.00 (112.70 to 113.70): E

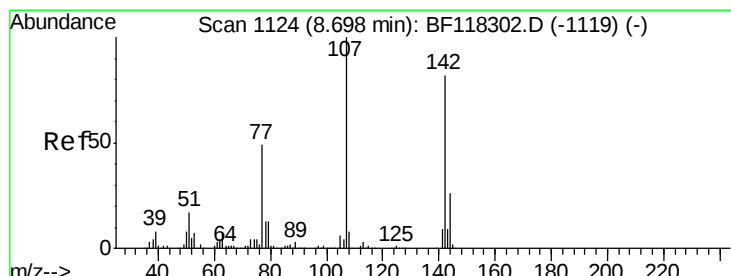
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 47.966 ng/mL

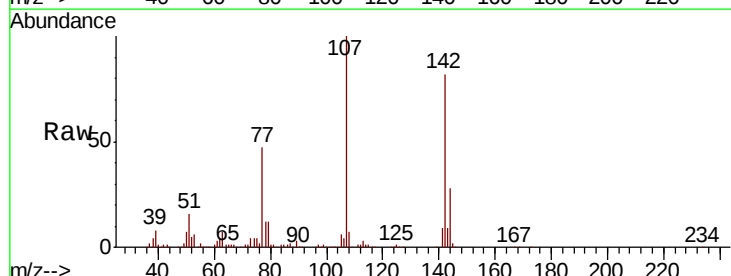
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:	107	Resp:	347846
Ion Ratio	Lower	Upper	
107	100		
144	27.6	21.2	31.8
142	82.3	65.4	98.2

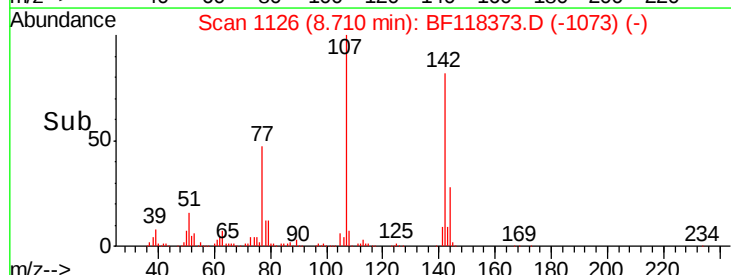


Abundance Ion 107.00 (106.70 to 107.70): E

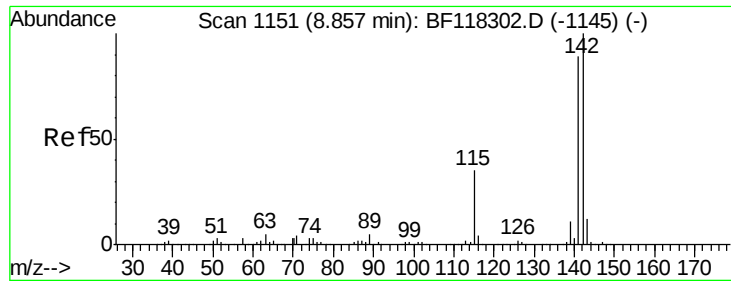
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



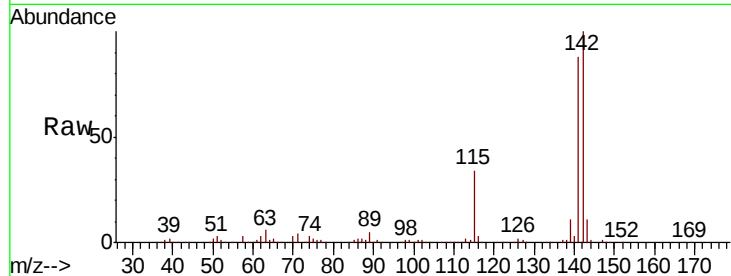
#37
2-Methylnaphthalene
Concen: 48.364 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.2	106.8
115	33.8	28.0	42.0

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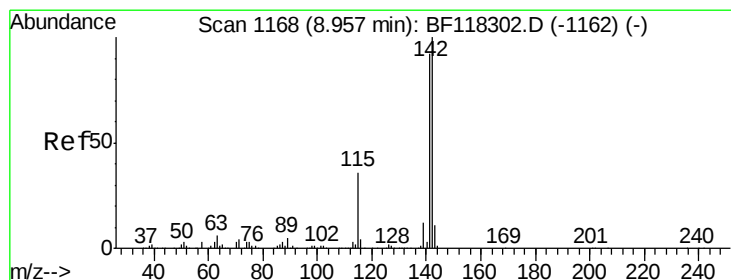
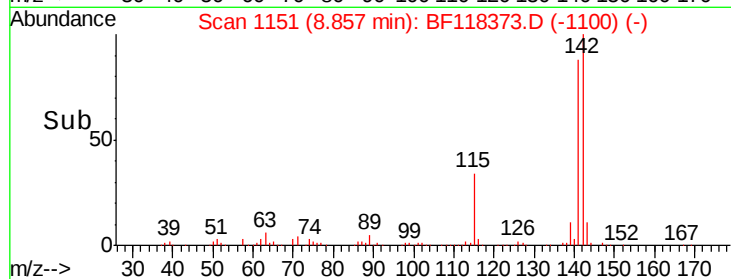
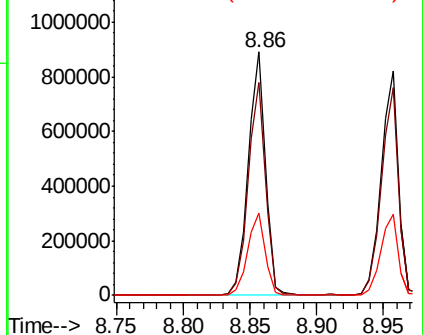


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.756 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

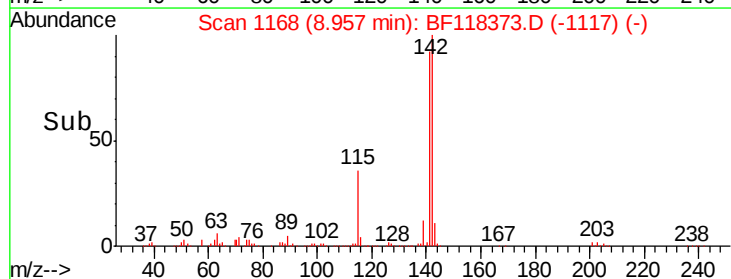
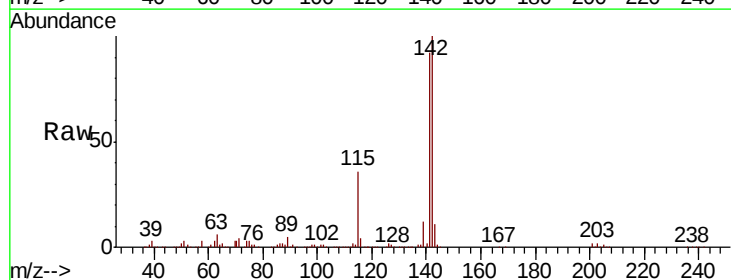
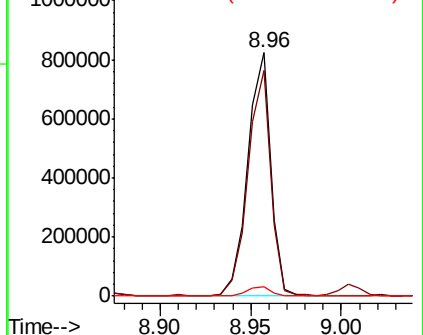
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.4	110.2
116	3.7	2.9	4.3

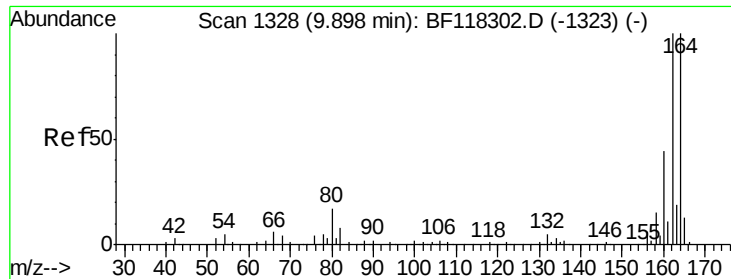
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





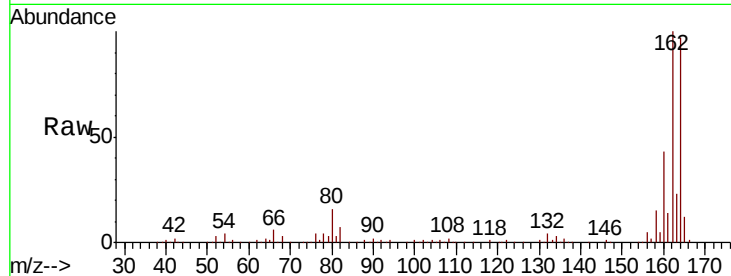
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

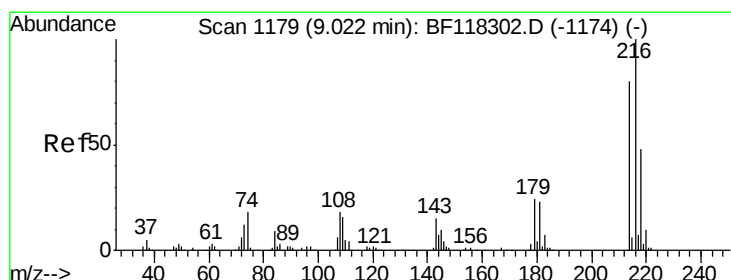
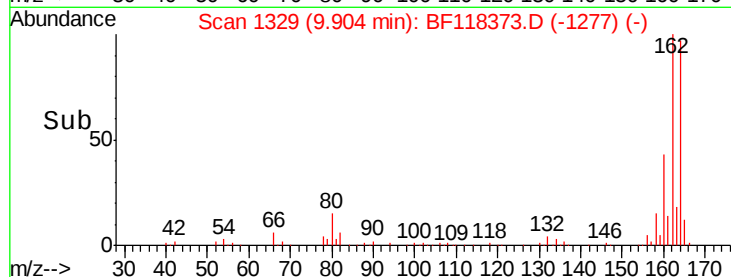
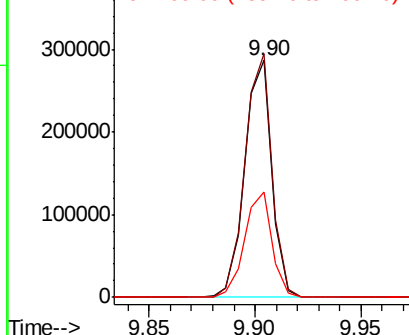
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	80.0	120.0	
160	44.3	34.8	52.2	

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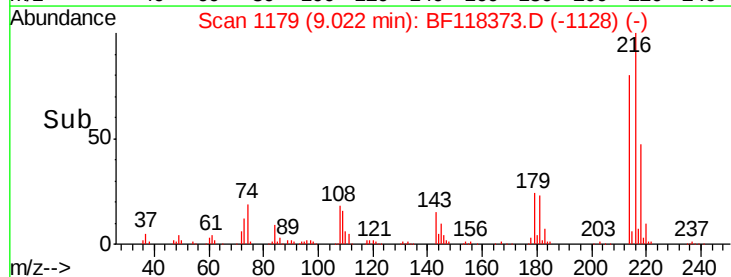
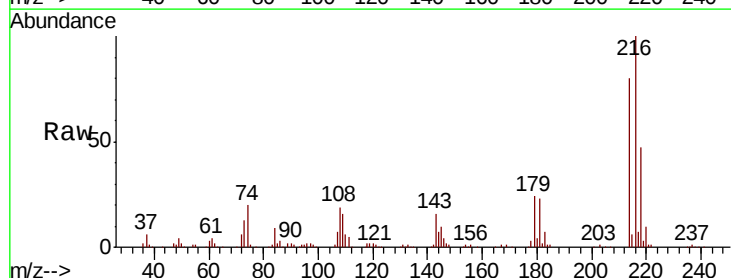
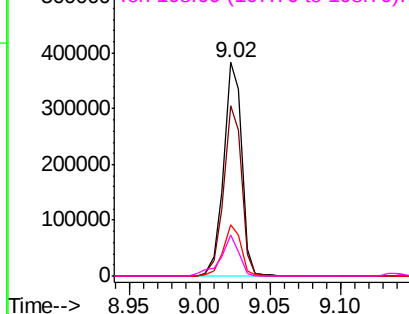
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

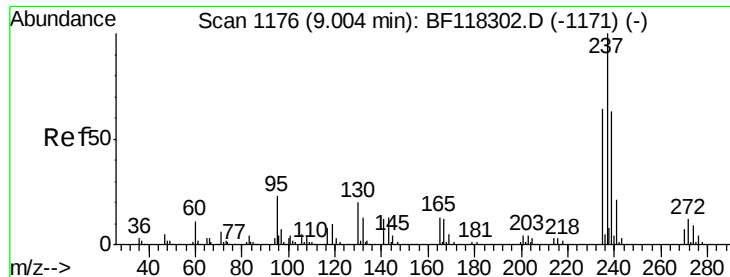


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.842 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.3	94.9	
179	23.6	18.9	28.3	
108	19.9	15.0	22.6	

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.823 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

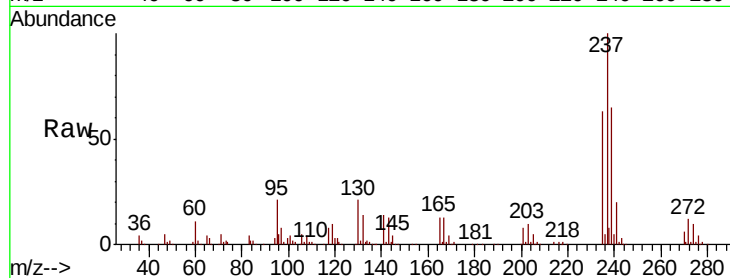
ClientSampleId :

DUNR-BF001-01MSD

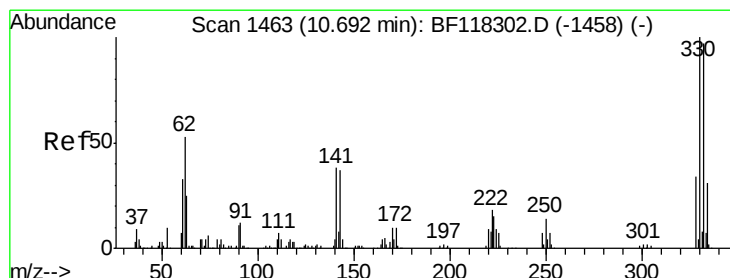
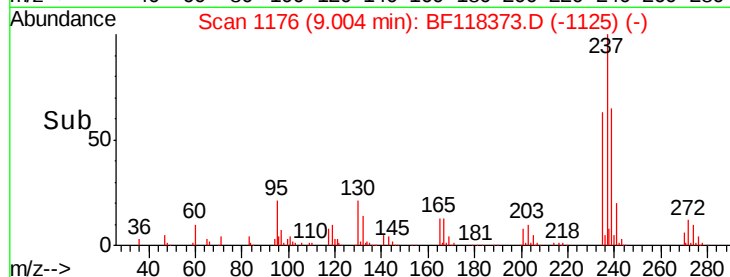
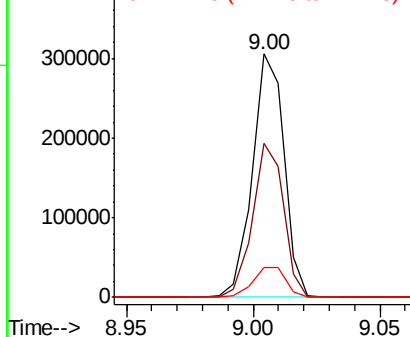
Tot Ion:	237	Resp:	267127
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.8	83.8
272	12.3	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.389 ng

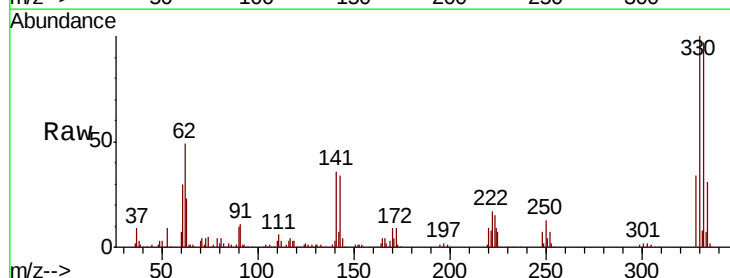
RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

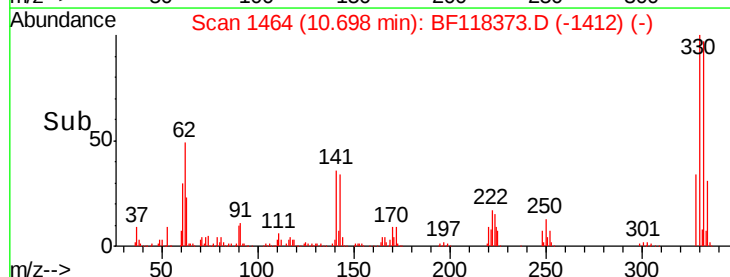
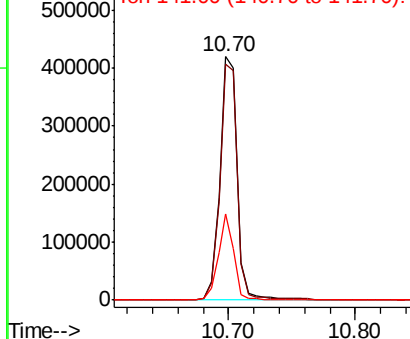
Lab File: BF118373.D

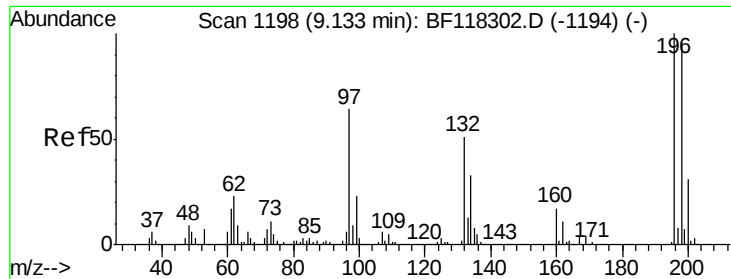
Acq: 28 Dec 2019 18:58

Tgt Ion:	330	Resp:	402416
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	114.8
141	31.7	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





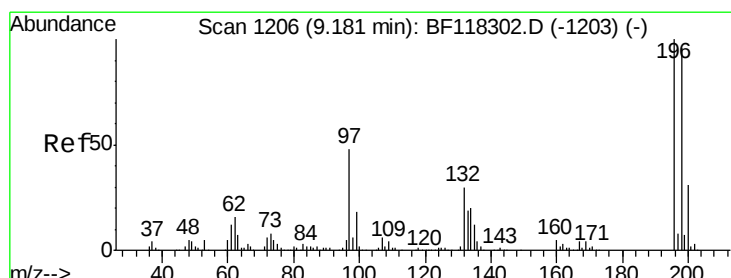
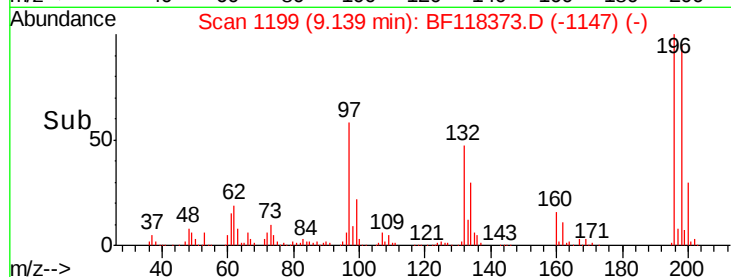
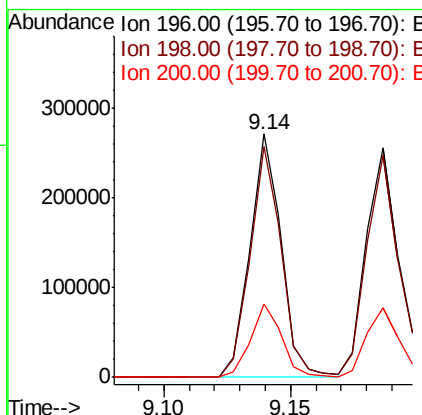
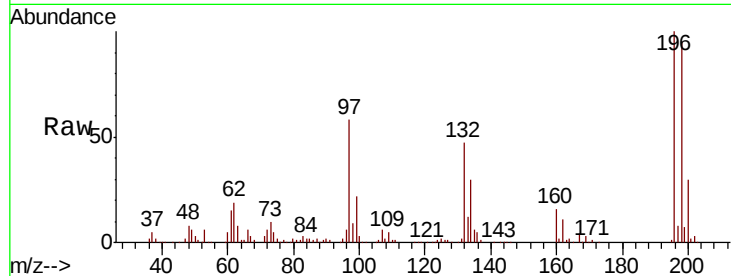
#43
 2,4,6-Trichlorophenol
 Concen: 45.777 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion:	196	Resp:	233217
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.7	115.1
200	30.0	24.8	37.2

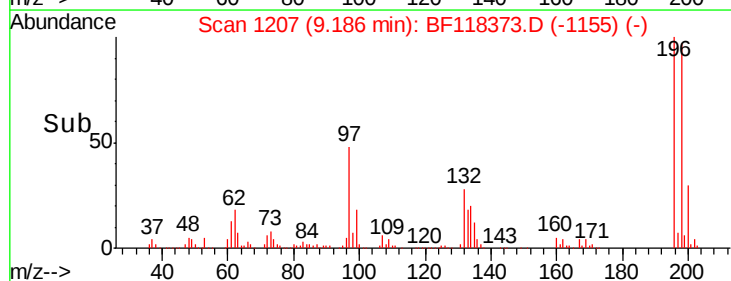
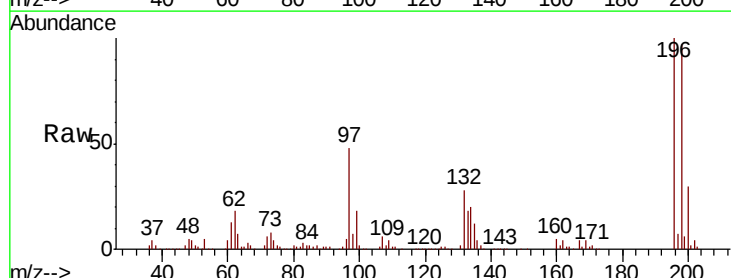
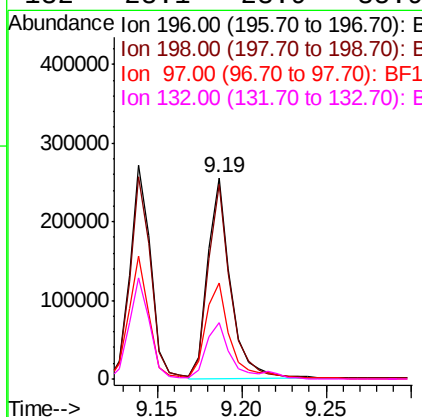
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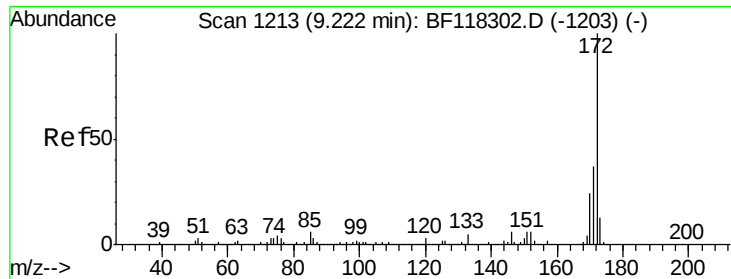
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#44
 2,4,5-Trichlorophenol
 Concen: 46.267 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion:	196	Resp:	242477
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.0	115.4
97	47.8	38.9	58.3
132	28.1	23.9	35.9





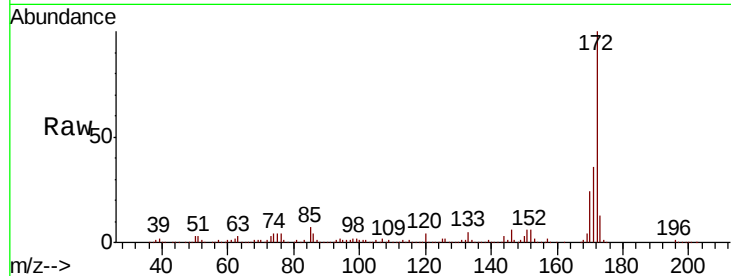
#45
2-Fluorobiphenyl
Concen: 82.327 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	24.0	19.2	28.8

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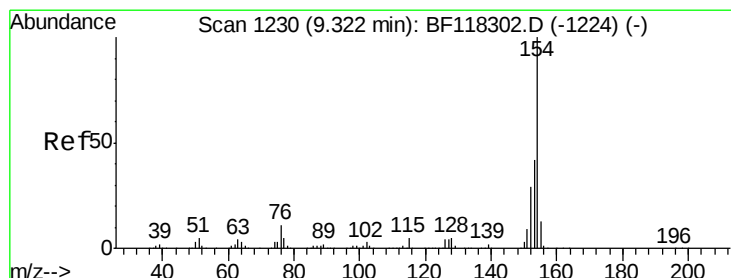
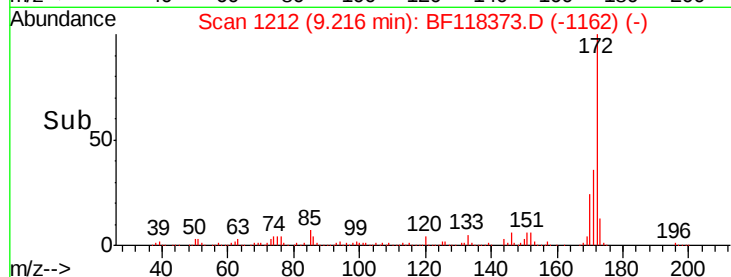
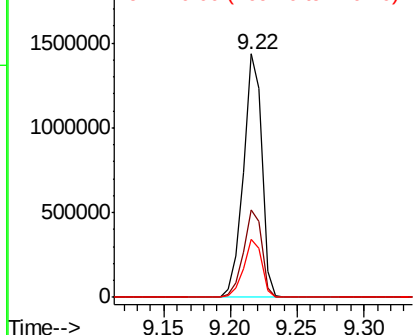


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.251 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

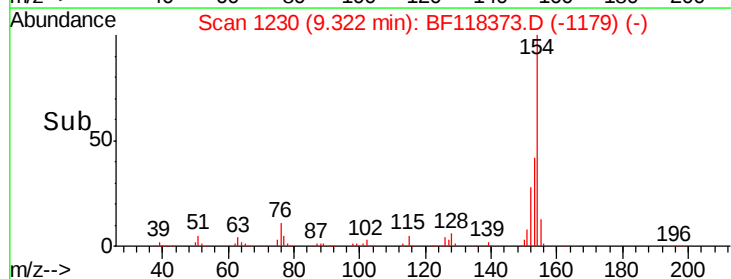
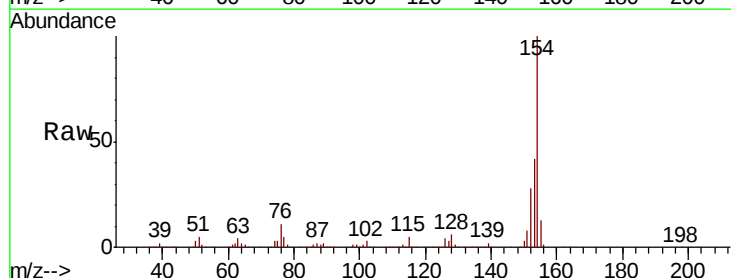
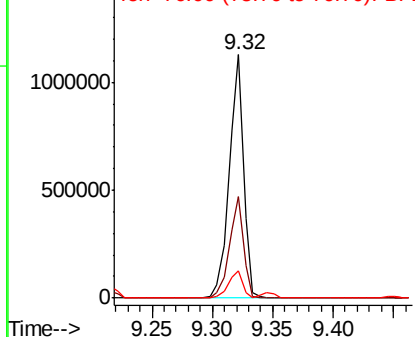
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.8	61.8
76	11.0	0.0	30.9

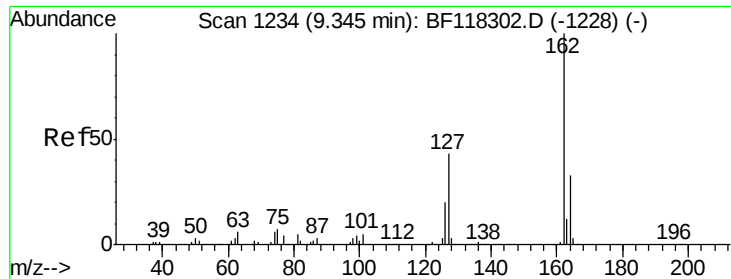
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





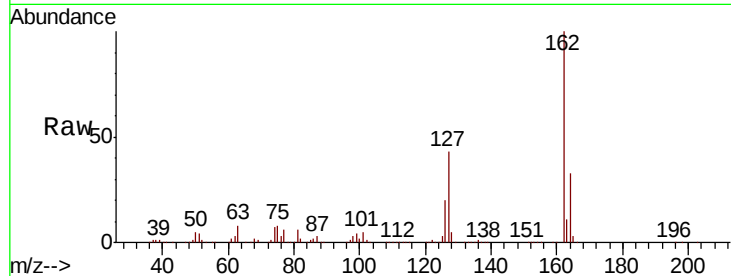
#47
2-Chloronaphthalene
Concen: 44.688 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

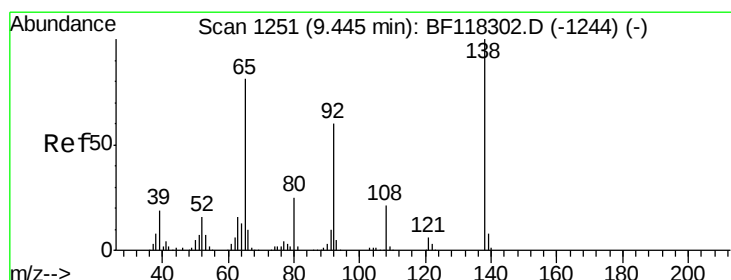
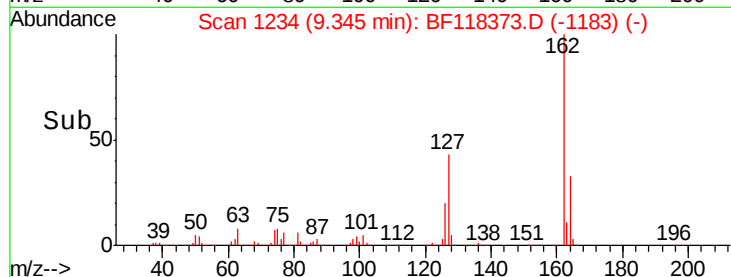
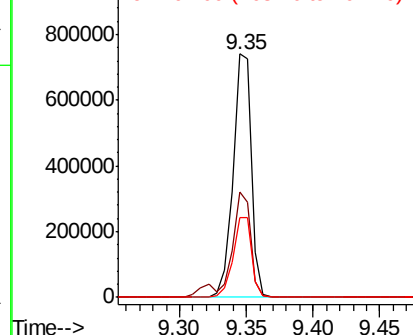
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	35.0	52.4
164	32.9	26.6	40.0

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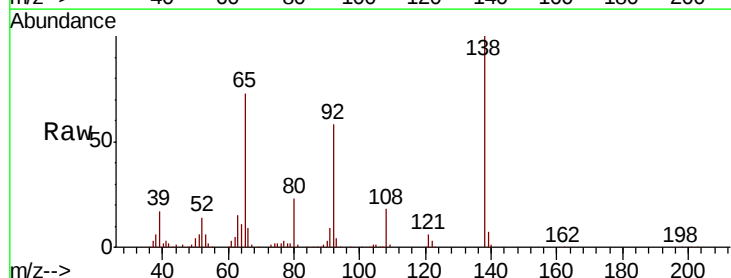


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

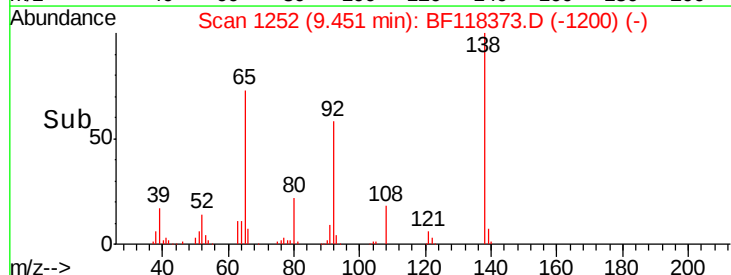
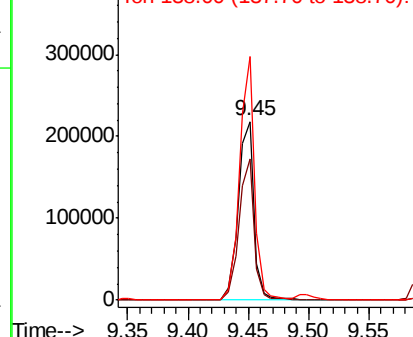


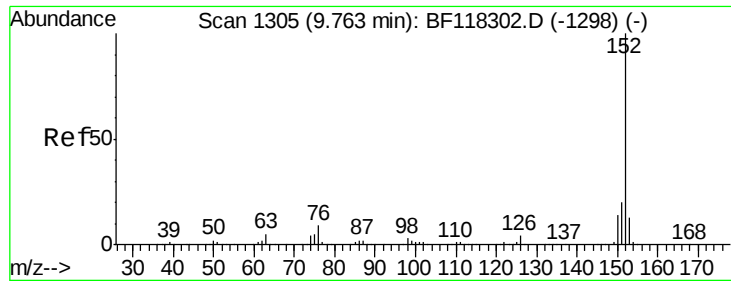
#48
2-Nitroaniline
Concen: 43.901 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	58.7	88.1
138	136.4	98.5	147.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.975 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

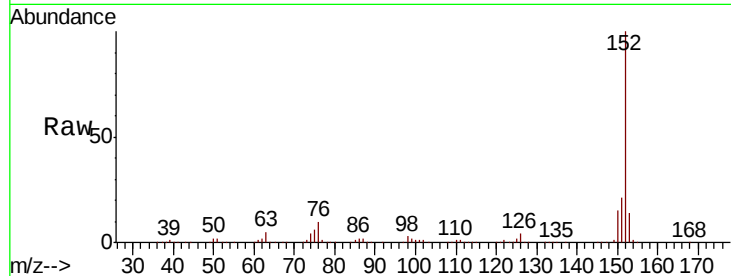
ClientSampleId :

DUNR-BF001-01MSD

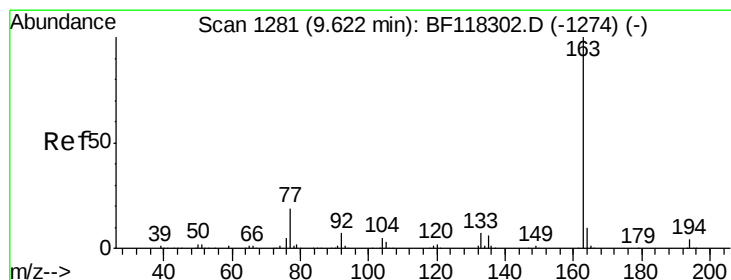
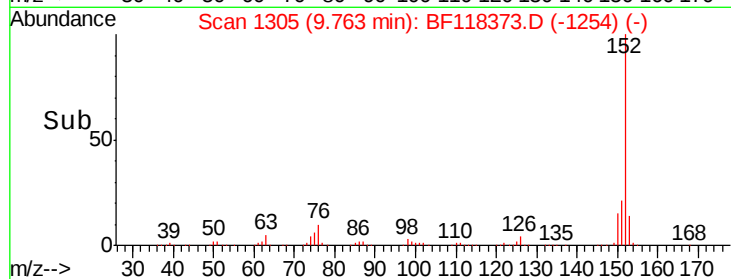
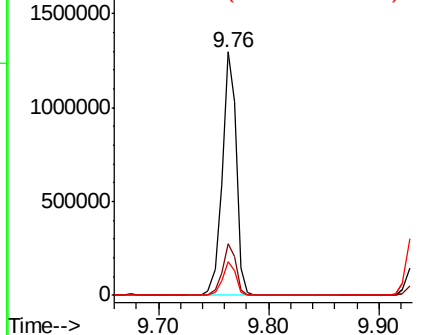
Tot Ion:	152	Resp:	1149606
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.7	10.5	15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.539 ng

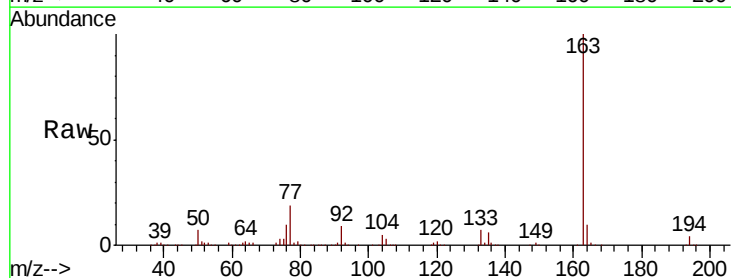
RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

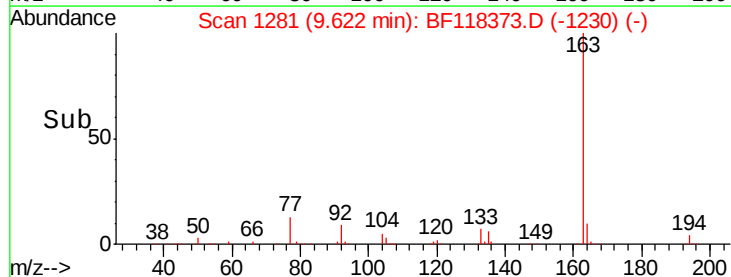
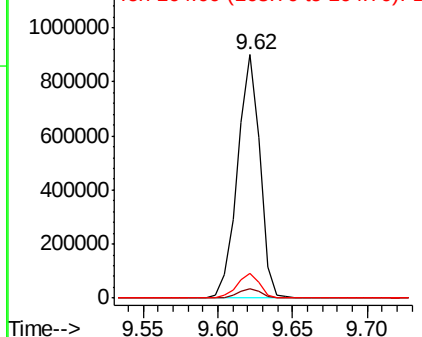
Lab File: BF118373.D

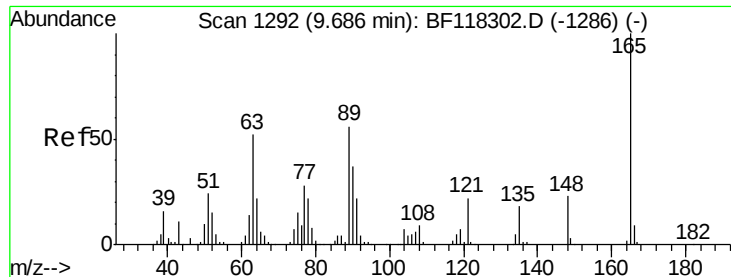
Acq: 28 Dec 2019 18:58

Tgt Ion:	163	Resp:	943804
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.293 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

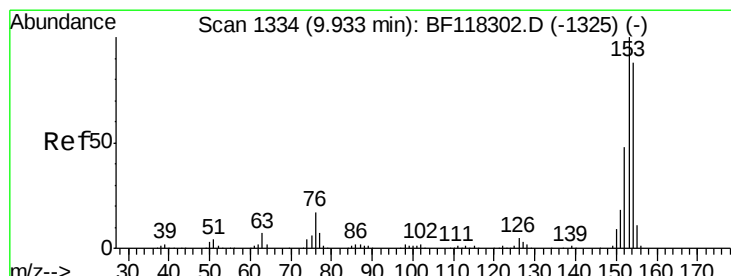
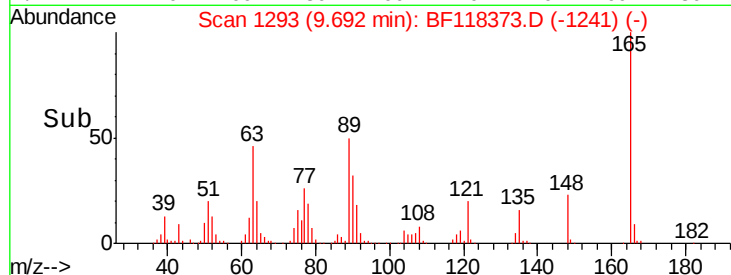
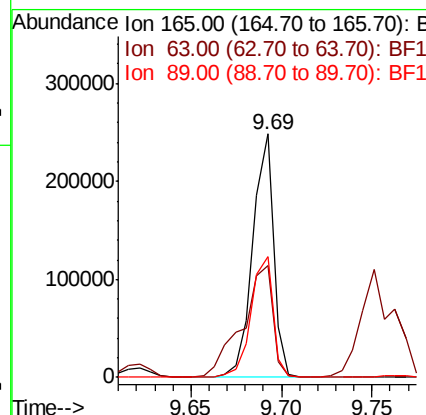
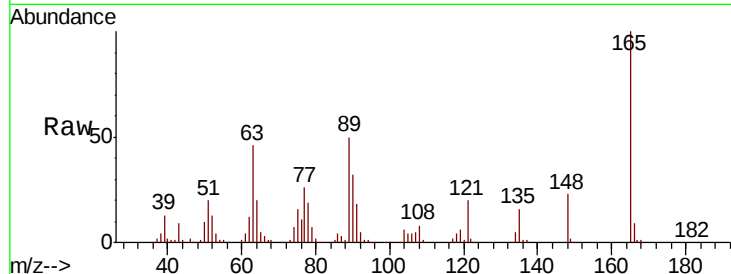
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	165	Resp:	198361
Ion Ratio	Lower	Upper	
165	100		
63	45.7	42.2	63.4
89	49.6	44.4	66.6

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#52

Acenaphthene

Concen: 46.029 ng

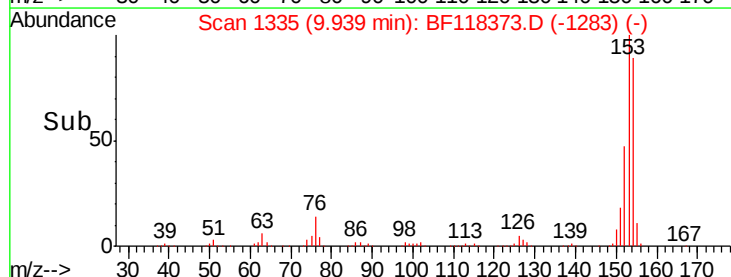
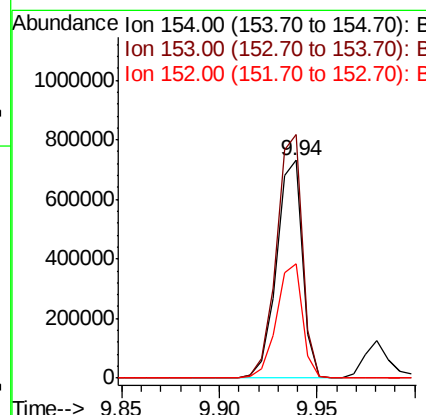
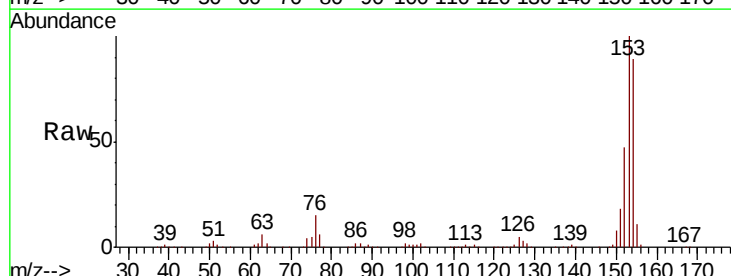
RT: 9.94 min Scan# 1335

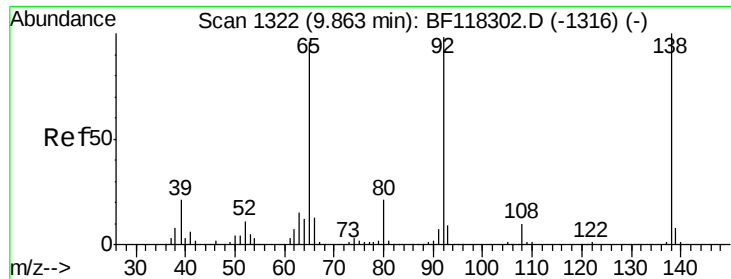
Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:	154	Resp:	671829
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.6	136.0
152	52.5	43.1	64.7





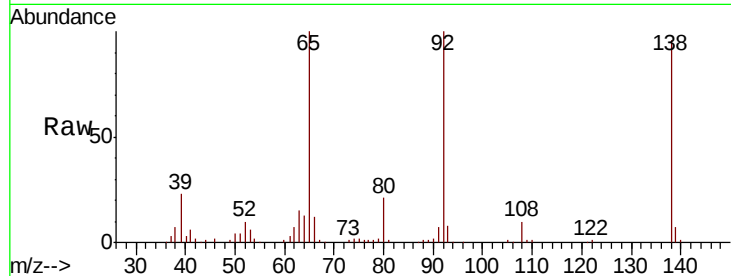
#53
3-Nitroaniline
Concen: 20.656 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.8
92	104.2	78.2	117.2

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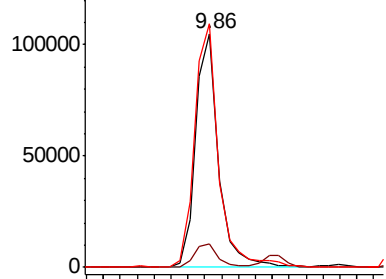


Abundance

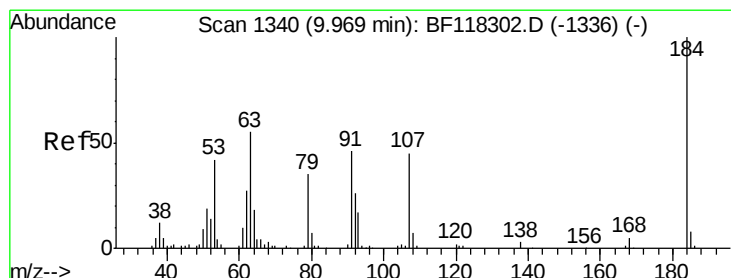
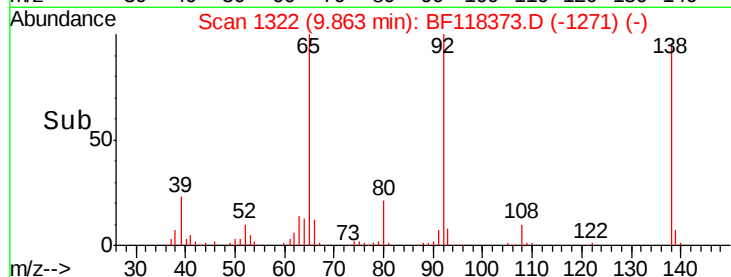
Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#54
2,4-Dinitrophenol
Concen: 87.274 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

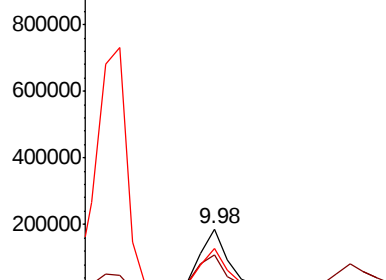
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	48.8	73.2
154	67.7	55.0	82.4

Abundance

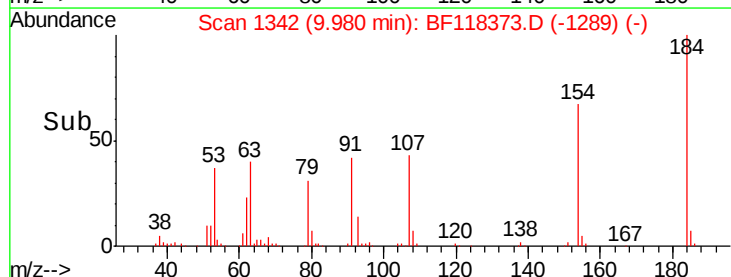
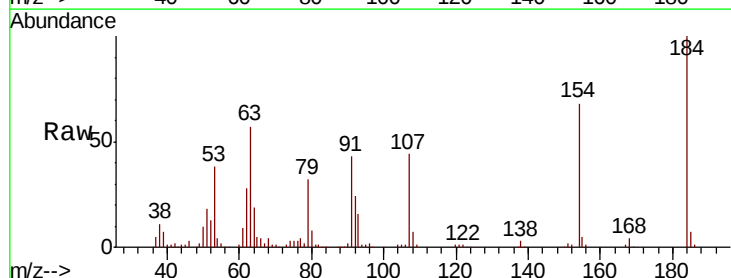
Ion 184.00 (183.70 to 184.70): E

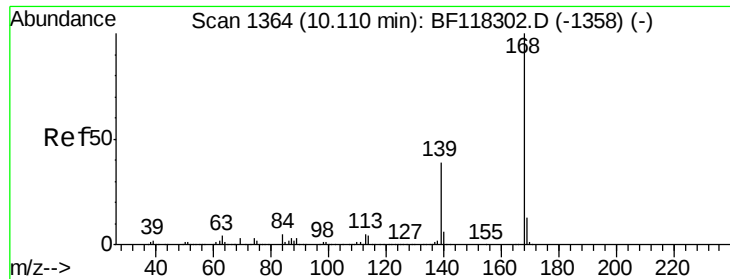
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



Time-->





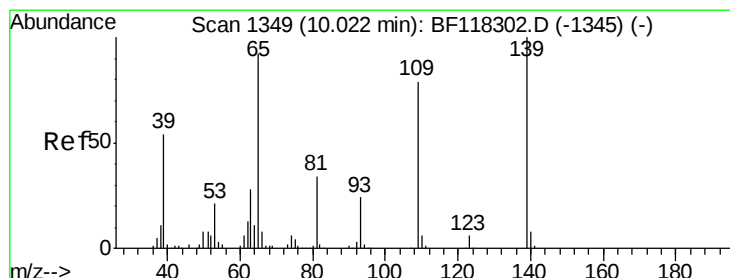
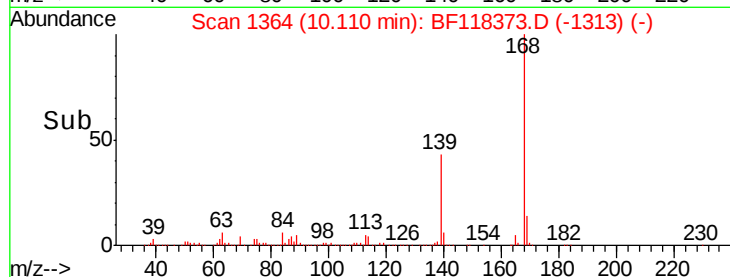
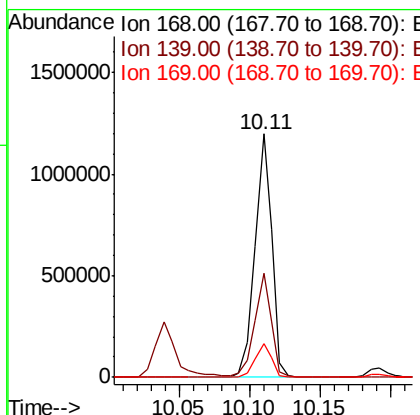
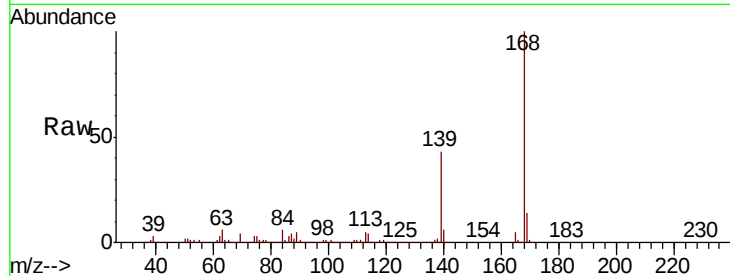
#55
Dibenzofuran
Concen: 46.634 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.5	47.3
169	13.7	10.4	15.6

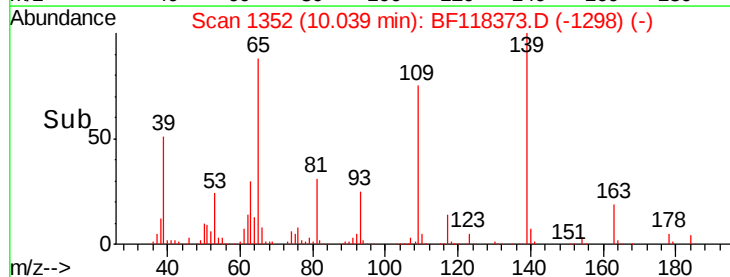
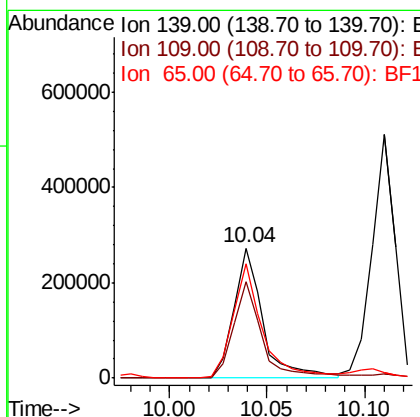
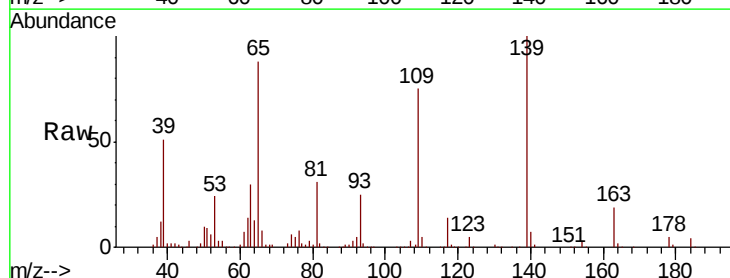
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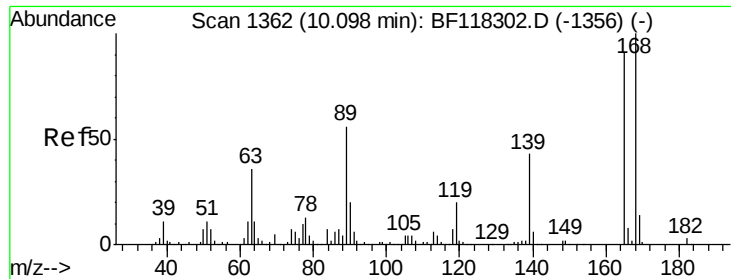
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#56
4-Nitrophenol
Concen: 94.903 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.6	59.3	99.3
65	87.6	72.4	112.4





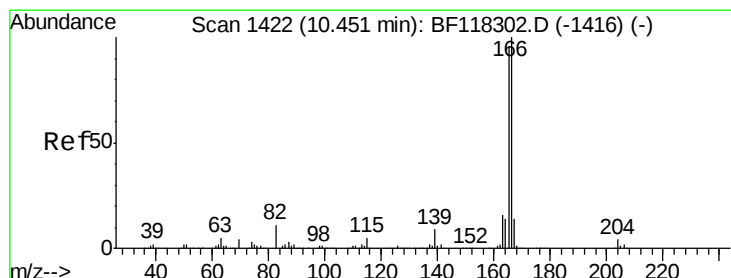
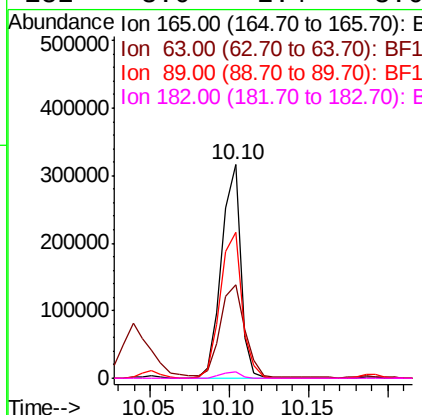
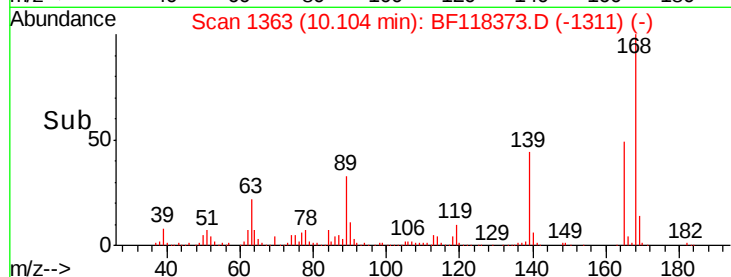
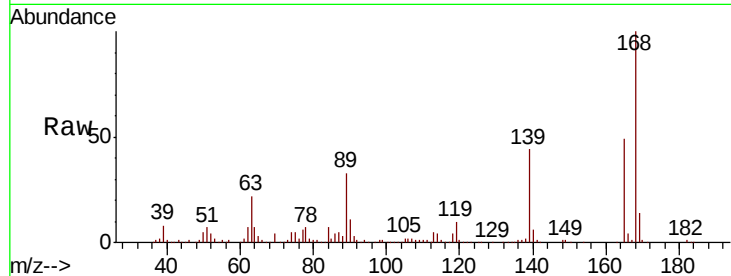
#57
2,4-Dinitrotoluene
Concen: 48.634 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266925		
63	43.9	32.0	48.0	
89	68.1	49.3	73.9	
182	3.0	2.4	3.6	

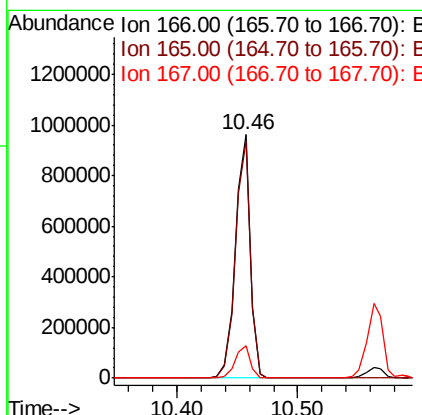
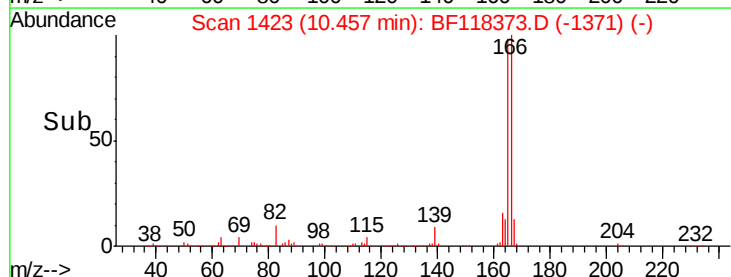
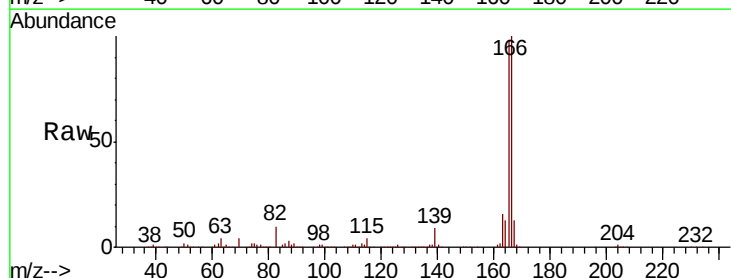
Manual Integrations
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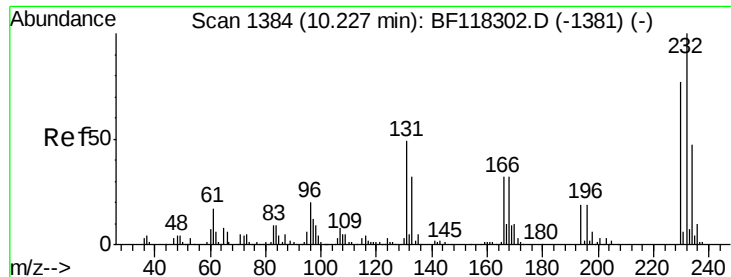
mohammad
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#58
Fluorene
Concen: 47.246 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	822545		
165	97.6	77.0	115.4	
167	13.2	10.9	16.3	





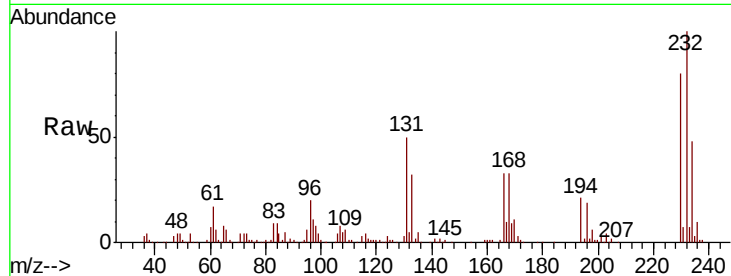
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.955 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.7	56.5
130	2.4	2.0	3.0
166	30.4	24.7	37.1

Manual Integrations
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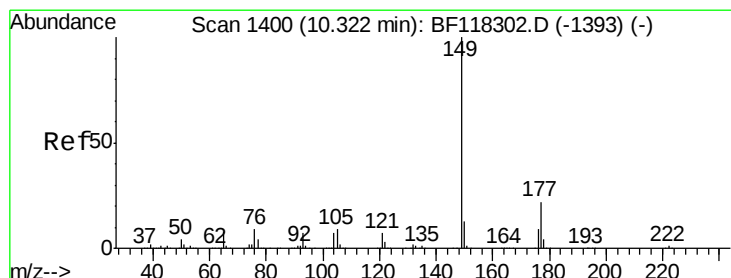
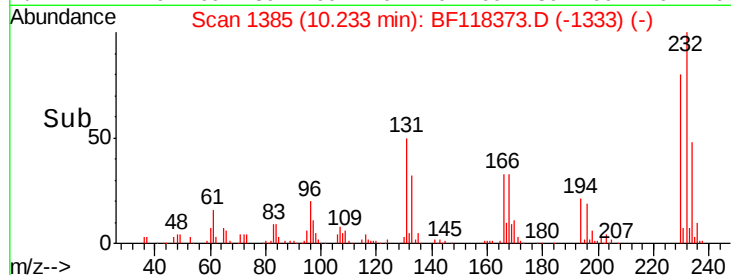
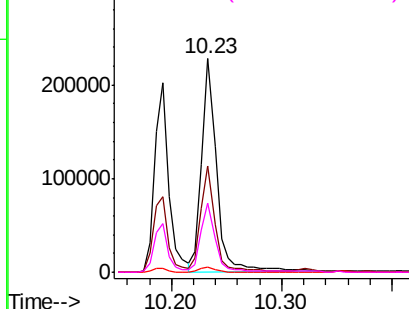
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

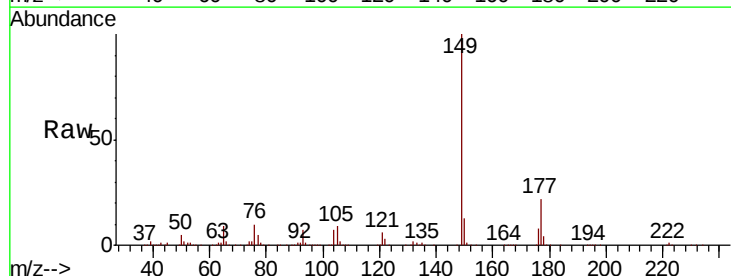
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.350 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.8	10.2	15.2

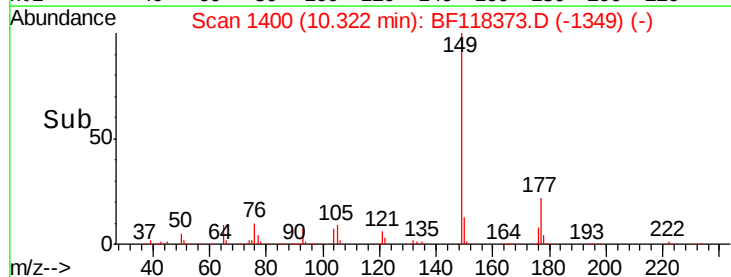
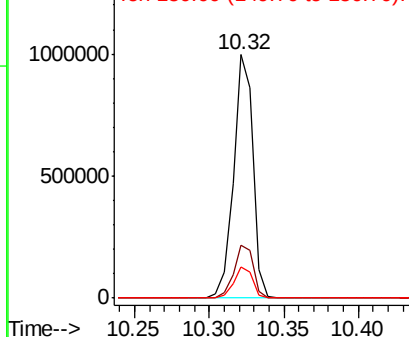


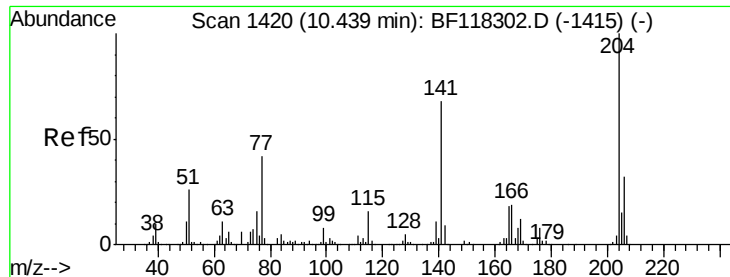
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





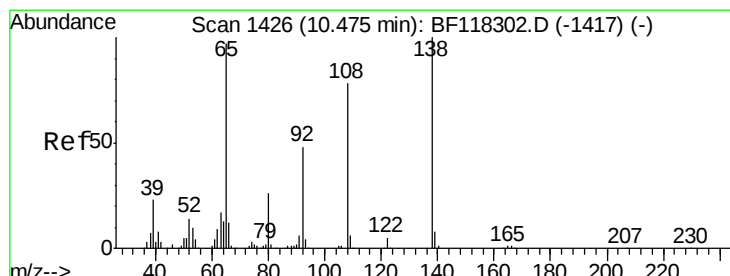
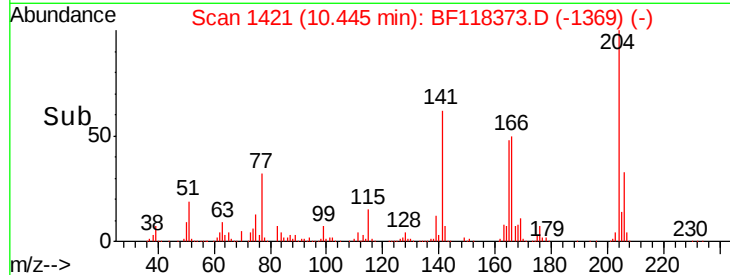
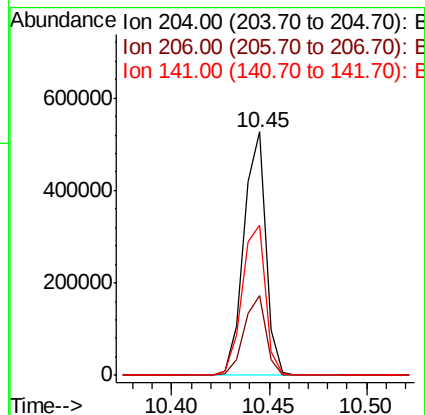
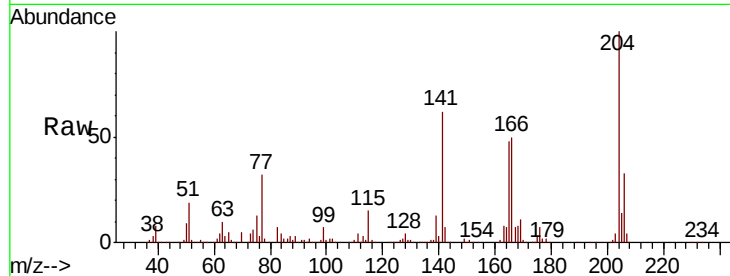
#61
 4-Chlorophenyl-phenylether
 Concen: 47.463 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion:	204	Resp:	412499
Ion Ratio		Lower	Upper
204	100		
206	32.6	25.8	38.8
141	61.5	54.2	81.4

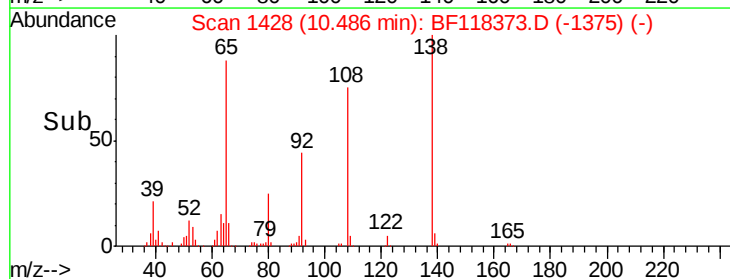
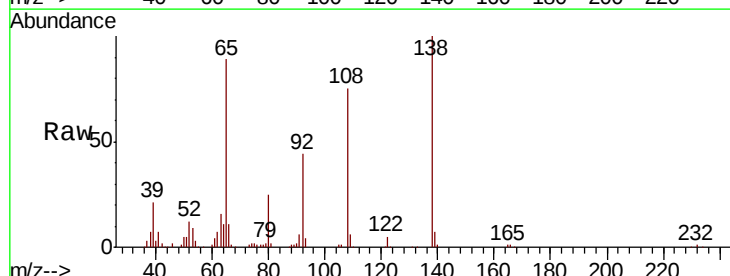
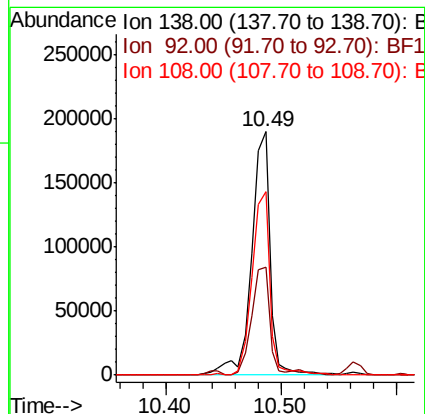
Manual Integrations
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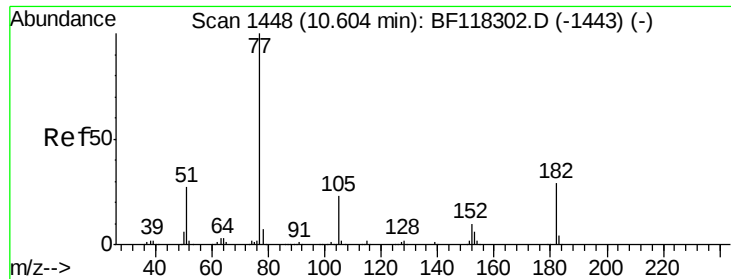
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#62
 4-Nitroaniline
 Concen: 42.330 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion:	138	Resp:	211996
Ion Ratio		Lower	Upper
138	100		
92	44.4	27.9	67.9
108	75.4	58.1	98.1





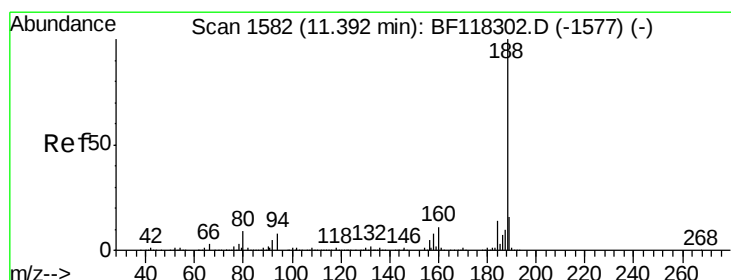
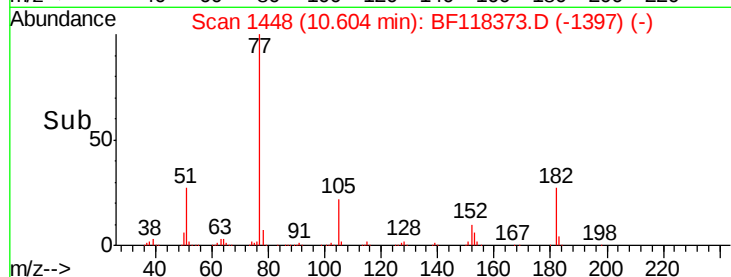
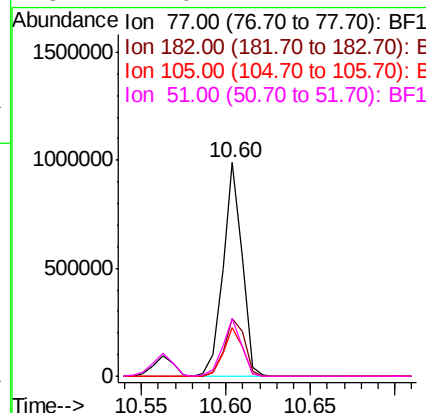
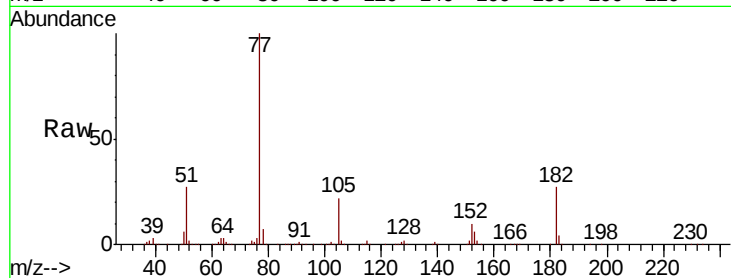
#63
Azobenzene
Concen: 48.002 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	9.2	49.2
105	22.5	3.2	43.2
51	27.0	7.1	47.1

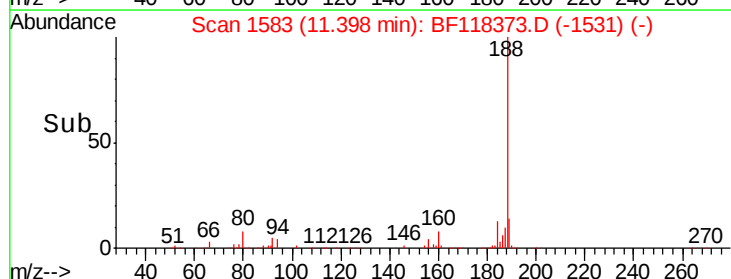
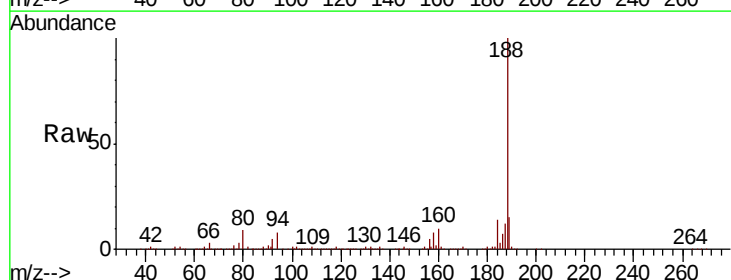
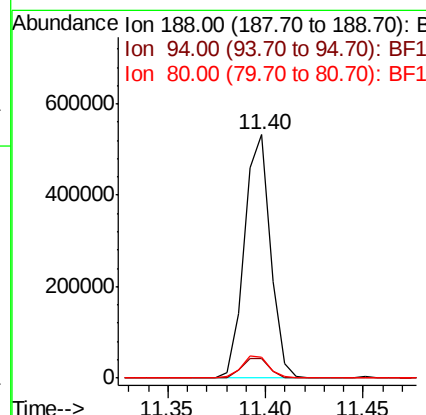
Manual Integrations
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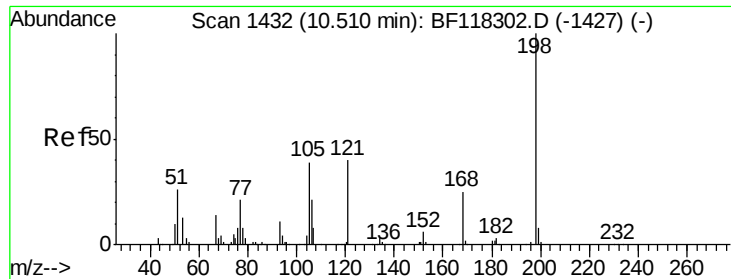
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.6	7.2	10.8





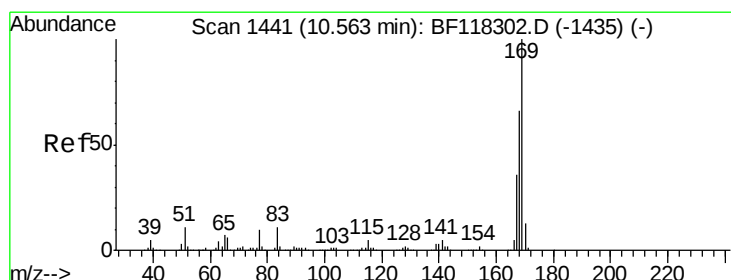
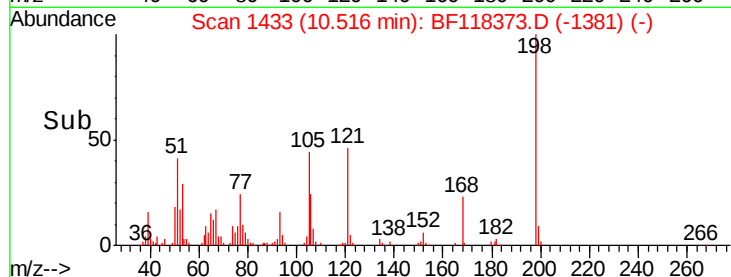
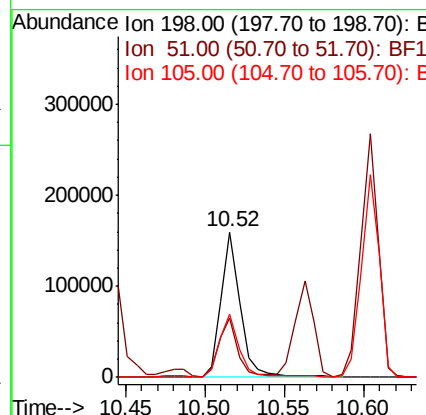
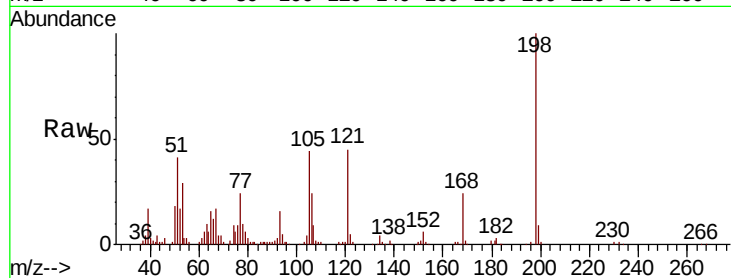
#65
4,6-Dinitro-2-methylphenol
Concen: 51.180 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	136514		
51	40.5	12.8	52.8	
105	43.5	20.3	60.3	

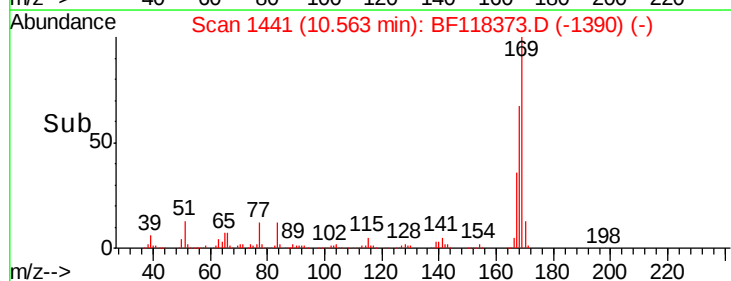
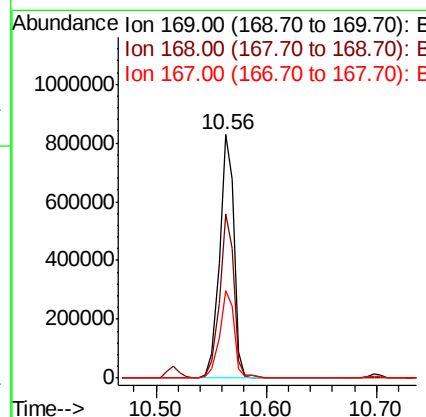
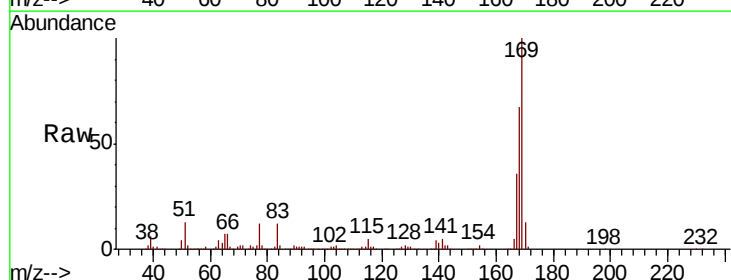
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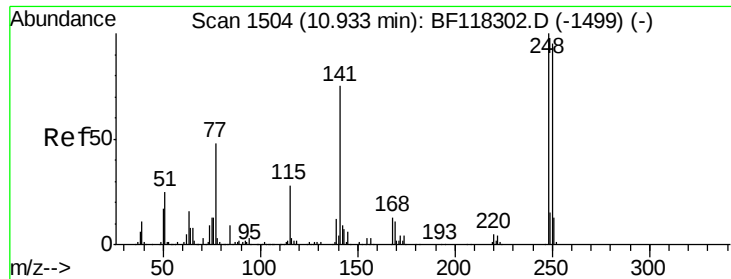
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#66
n-Nitrosodiphenylamine
Concen: 46.645 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	739174		
168	67.4	52.6	79.0	
167	35.8	28.4	42.6	





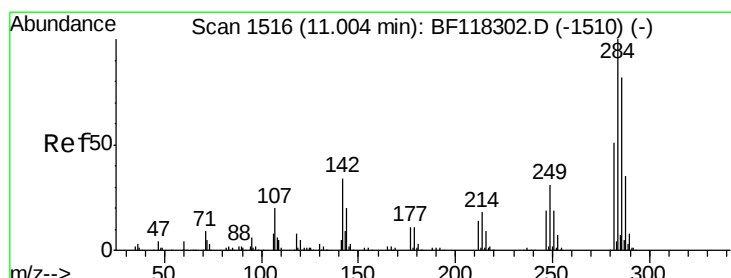
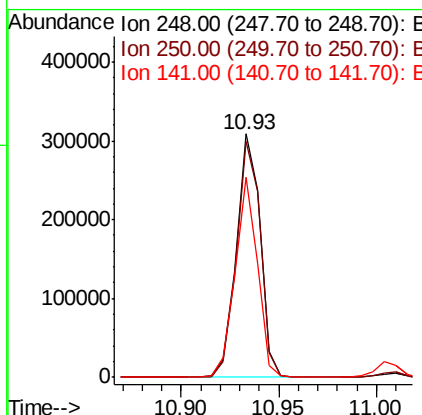
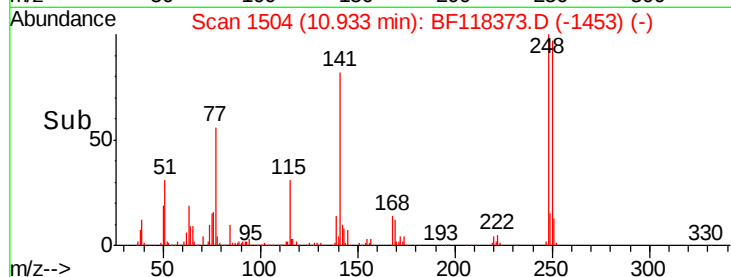
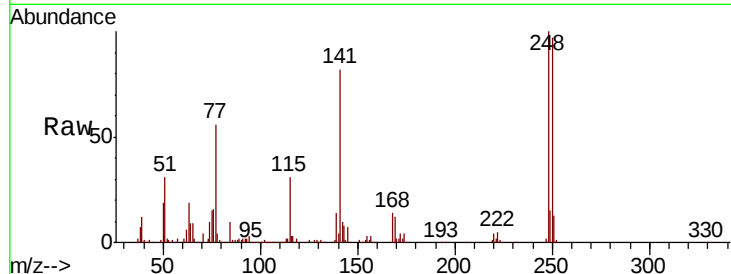
#67
4-Bromophenyl-phenylether
Concen: 45.203 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.4	114.6
141	82.3	60.2	90.2

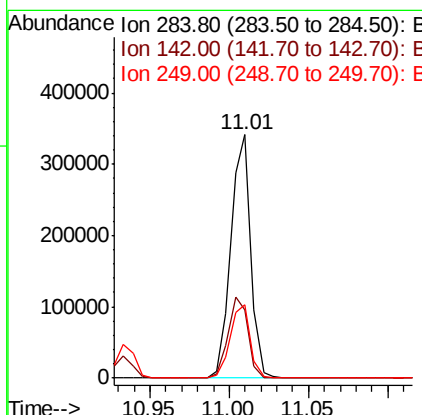
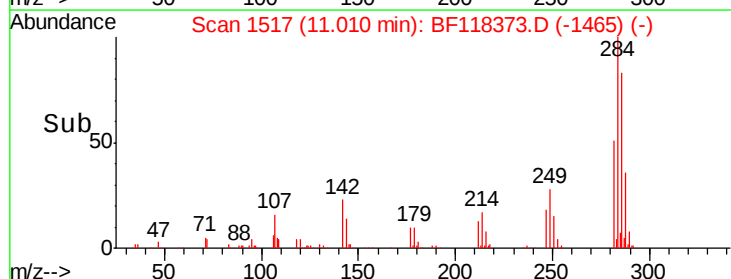
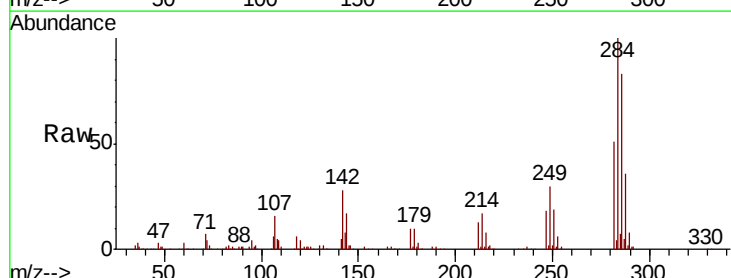
Manual Integrations
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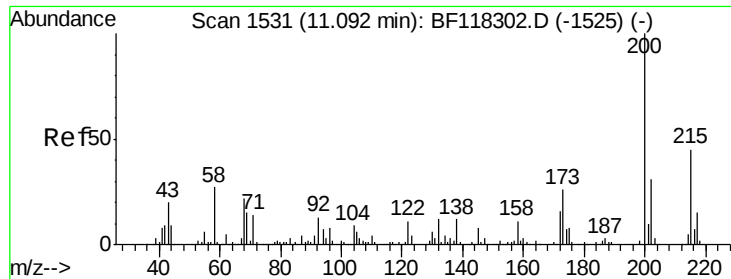
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#68
Hexachlorobenzene
Concen: 43.435 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	27.3	40.9
249	30.0	25.0	37.6





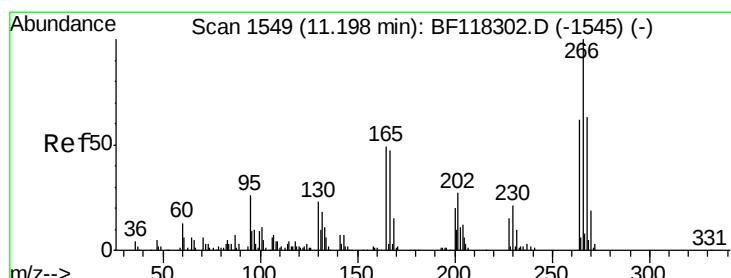
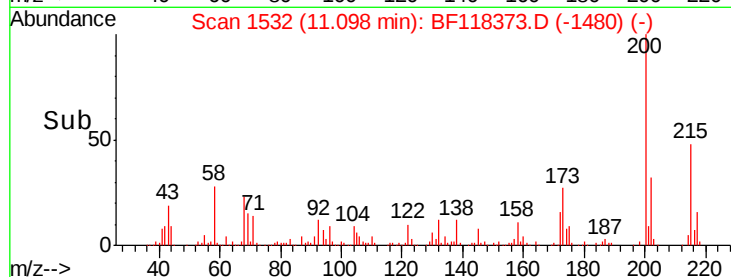
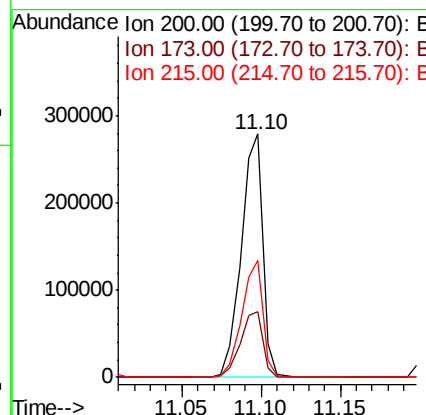
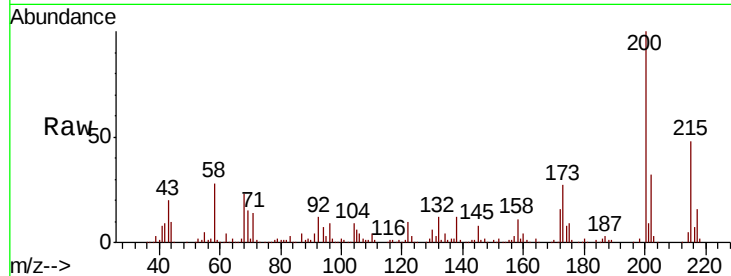
#69
Atrazine
Concen: 53.603 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	5.8	45.8
215	48.2	25.1	65.1

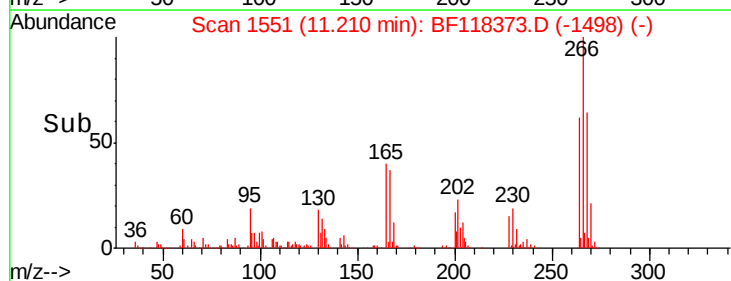
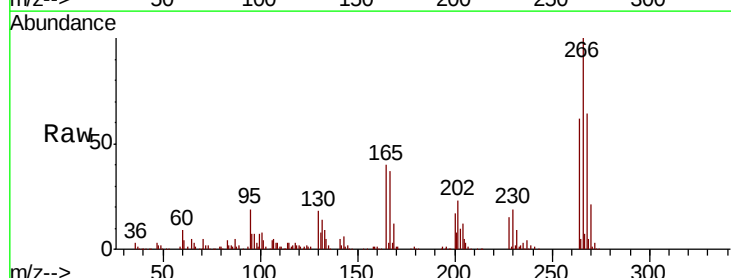
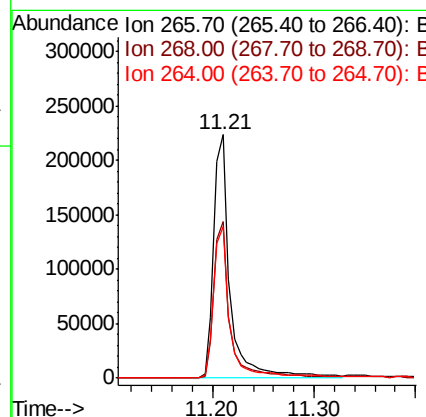
Manual Integrations
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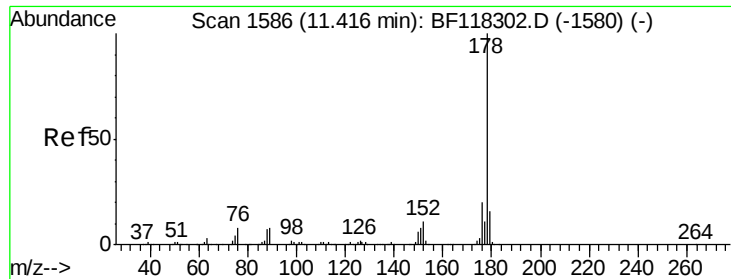
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#70
Pentachlorophenol
Concen: 86.560 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	50.6	76.0
264	62.3	49.9	74.9





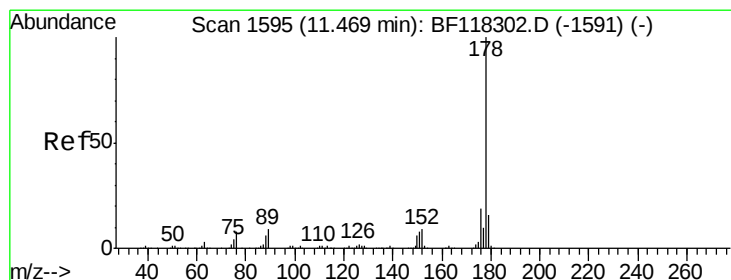
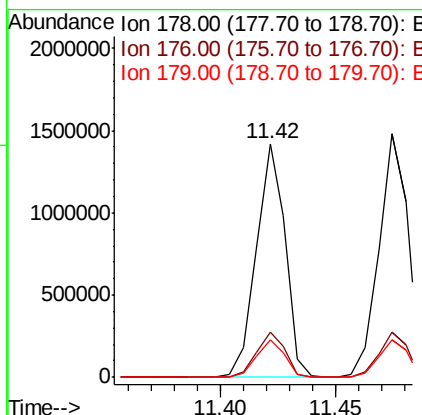
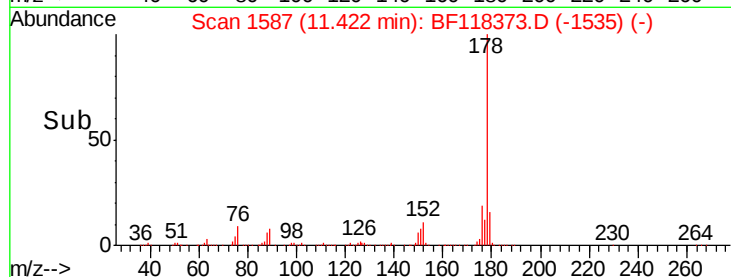
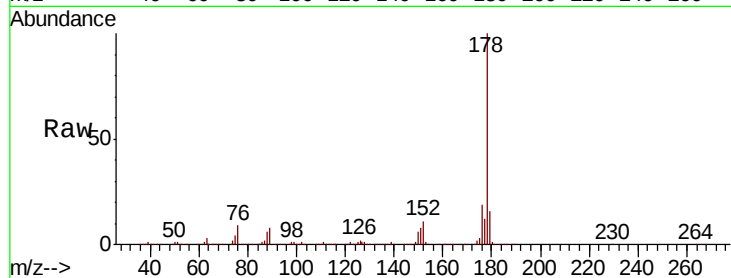
#71
Phenanthrene
Concen: 45.913 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.2	12.6	19.0

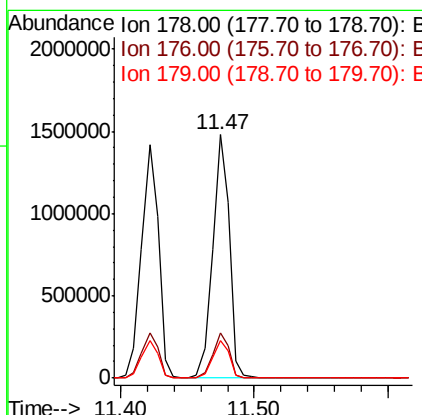
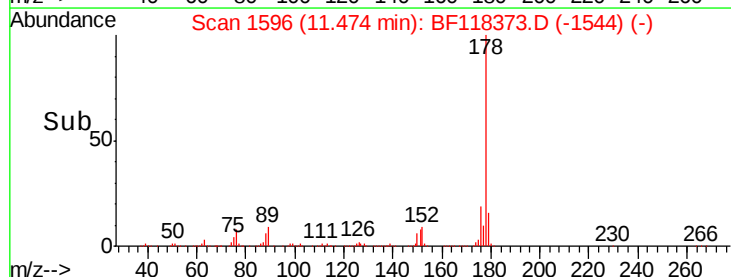
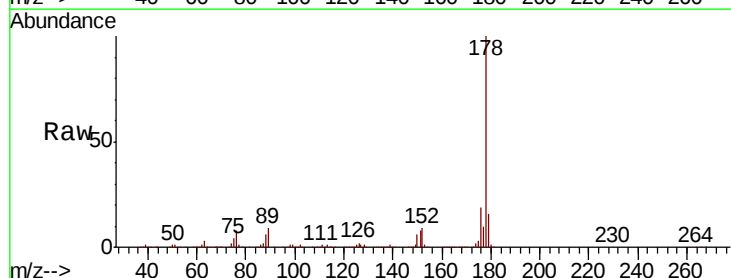
Manual Integrations
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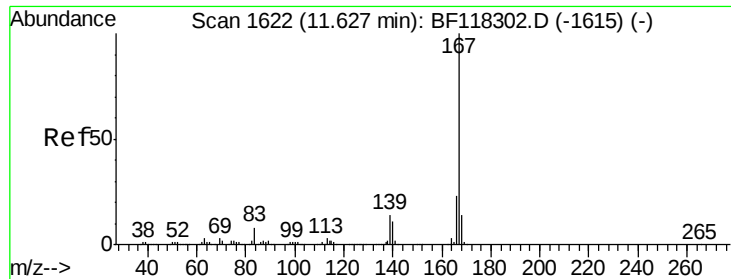
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#72
Anthracene
Concen: 47.973 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.9	19.3





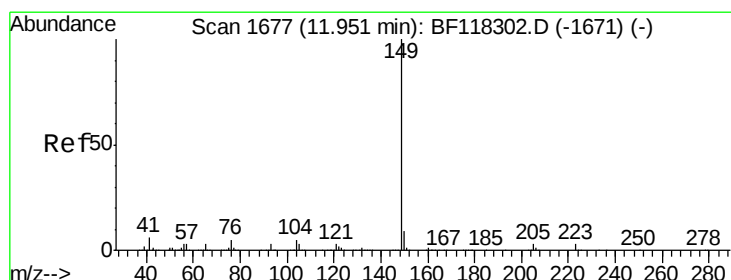
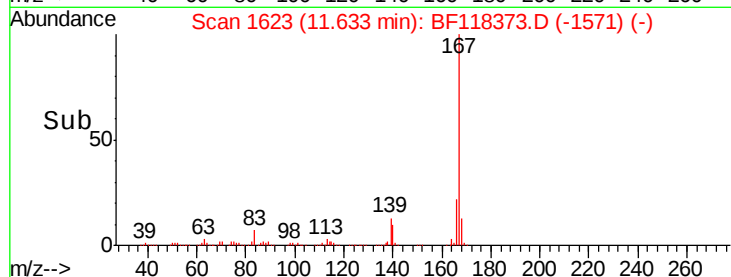
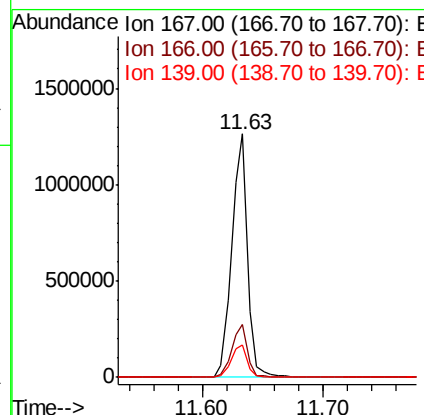
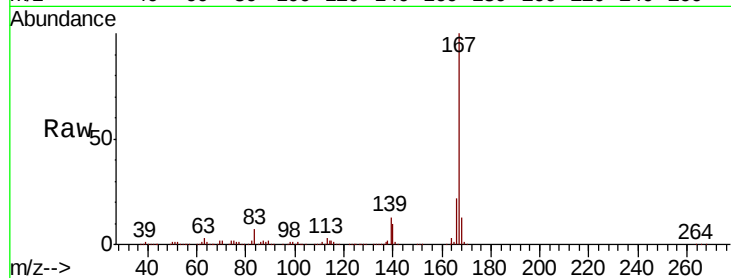
#73
 Carbazole
 Concen: 47.183 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.5	17.3

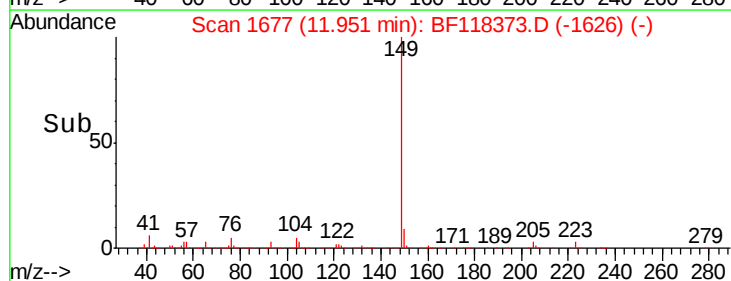
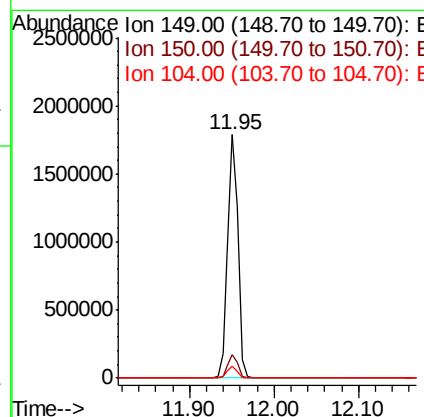
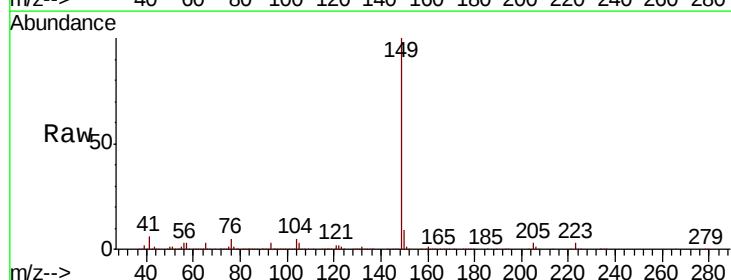
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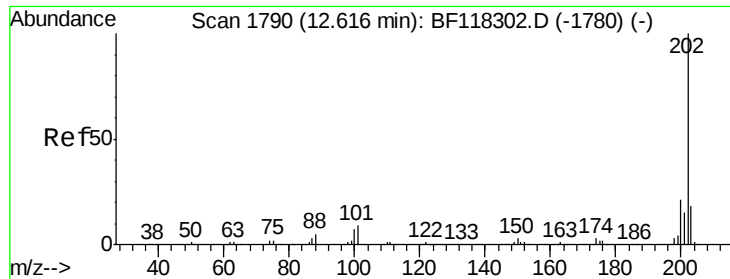
mohammad
 12/30/2019 2:08:46 PM



#74
 Di-n-butylphthalate
 Concen: 50.187 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.0	6.0





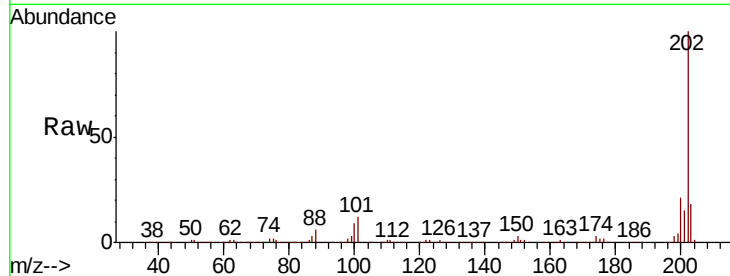
#75
Fluoranthene
Concen: 48.786 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.5
203	18.3	0.0	37.6

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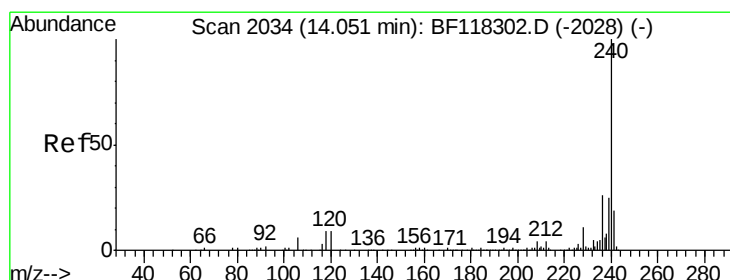
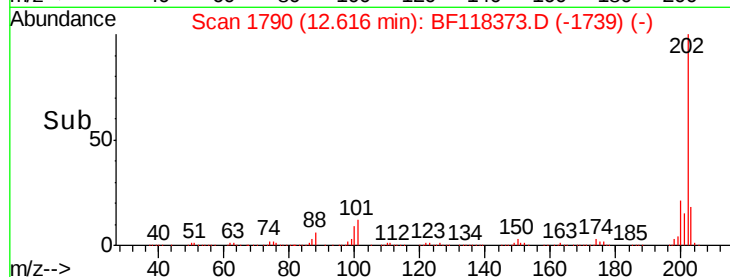
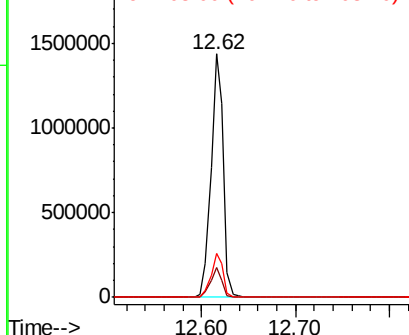


Abundance

Ion 202.00 (201.70 to 202.70): E

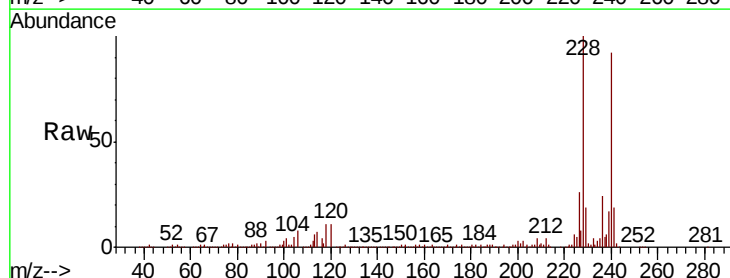
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.1	10.7#
236	25.7	21.0	31.6

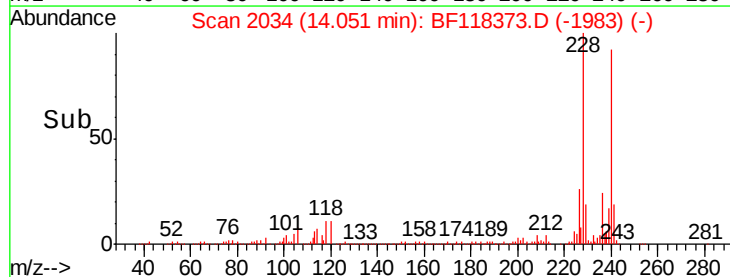
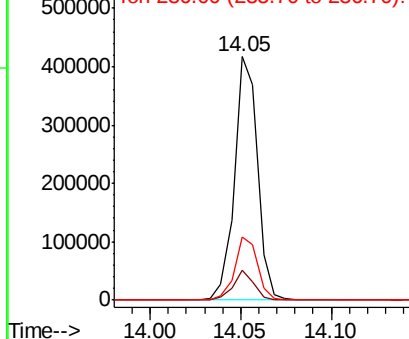


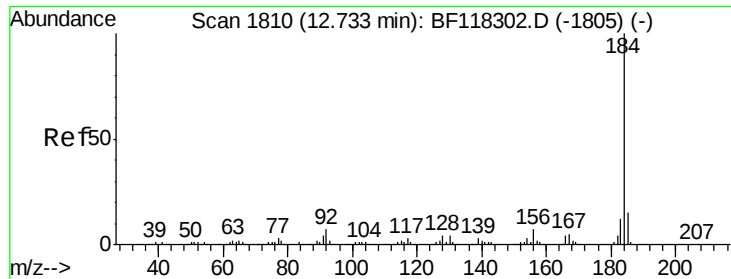
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.978 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:184 Resp: 696768

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

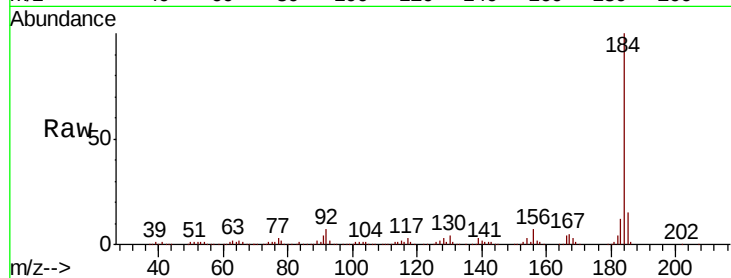
183 12.1 9.4 14.2

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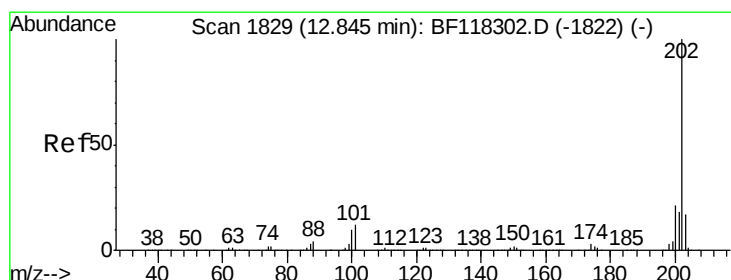
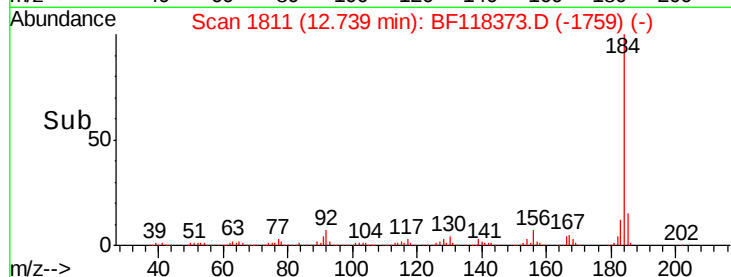
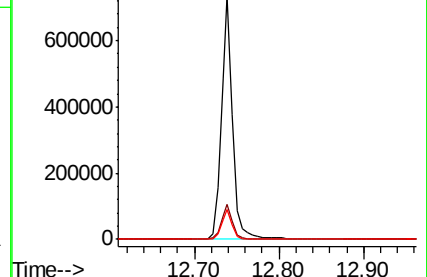
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.070 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

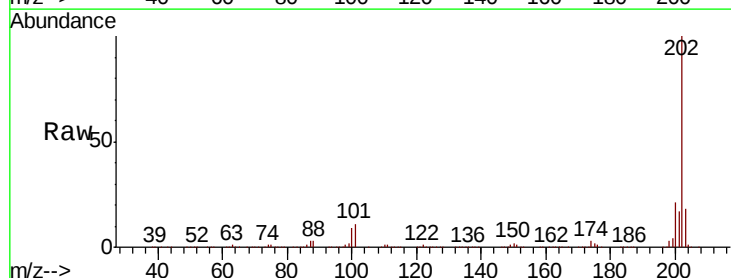
Tgt Ion:202 Resp: 1326720

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

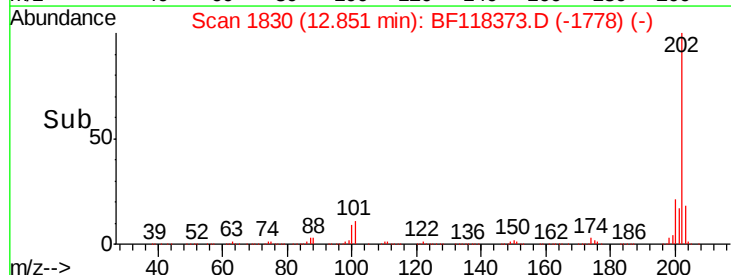
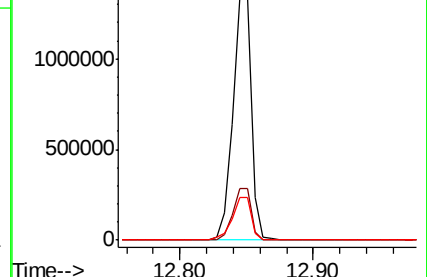
203 17.5 13.9 20.9

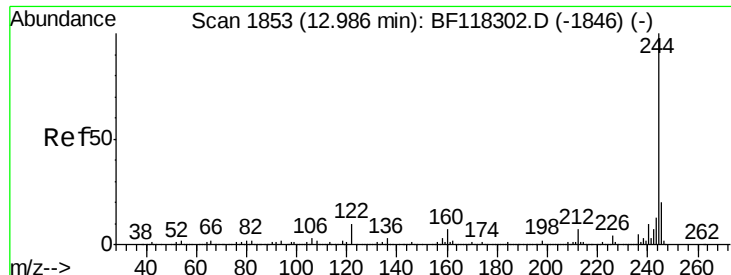


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





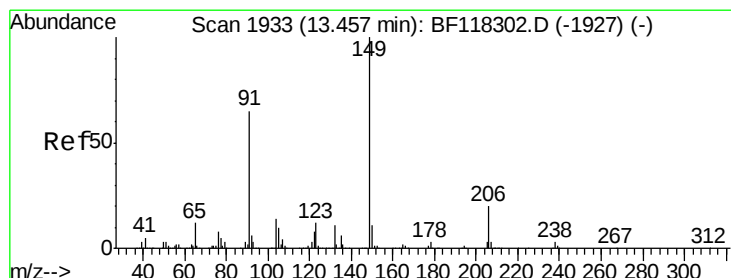
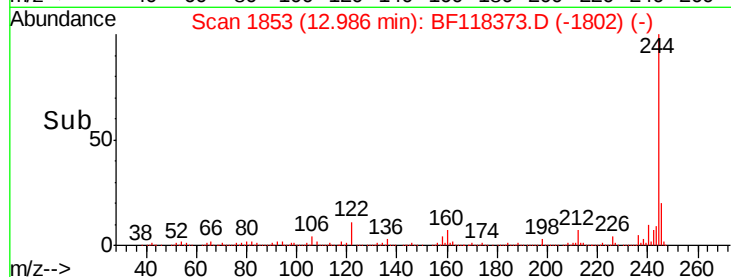
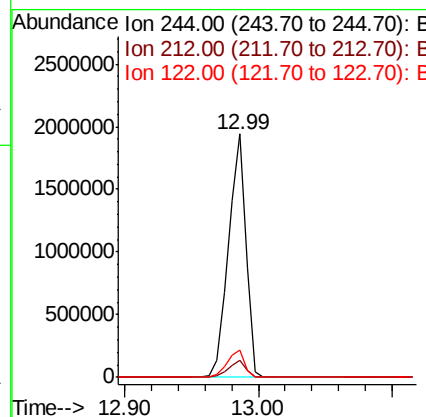
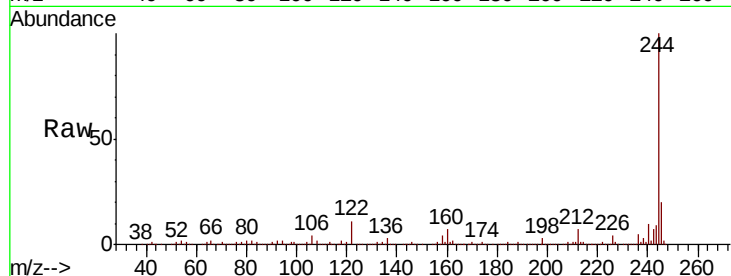
#79
 Terphenyl-d14
 Concen: 81.483 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.1	7.8	11.8

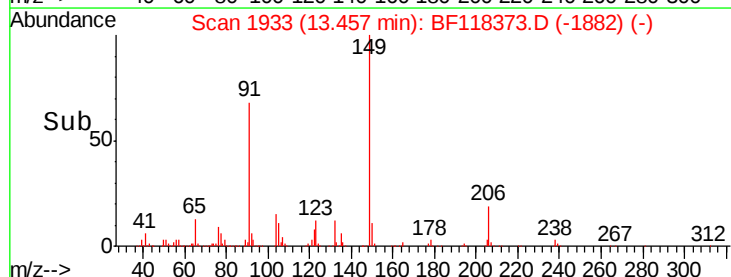
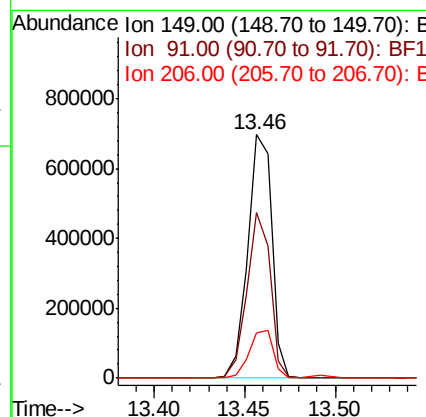
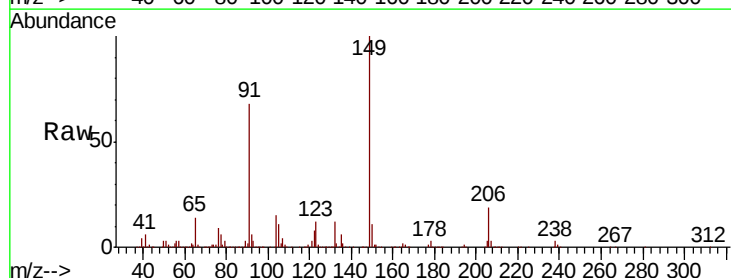
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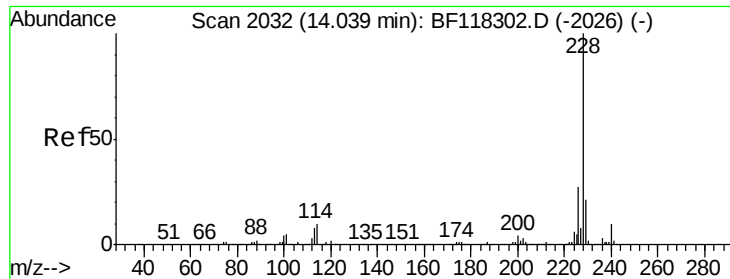
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#80
 Butylbenzylphthalate
 Concen: 47.561 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.8	77.6
206	18.5	15.7	23.5





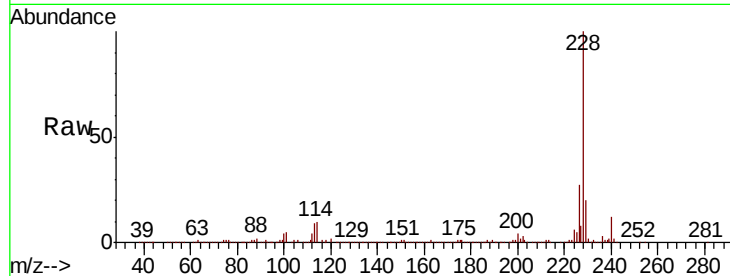
#81
Benzo(a)anthracene
Concen: 46.462 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	19.8	16.6	24.8

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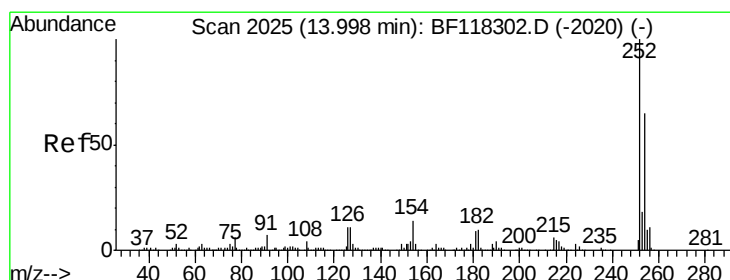
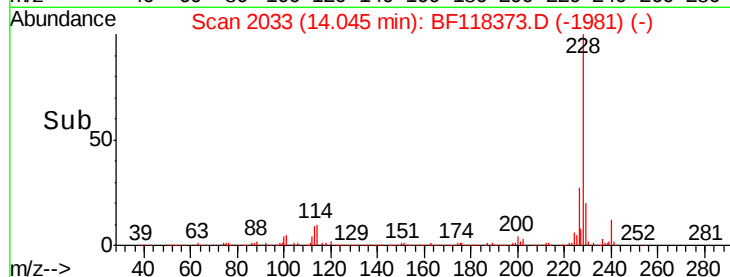
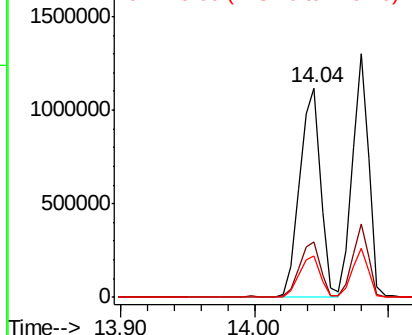


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.948 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

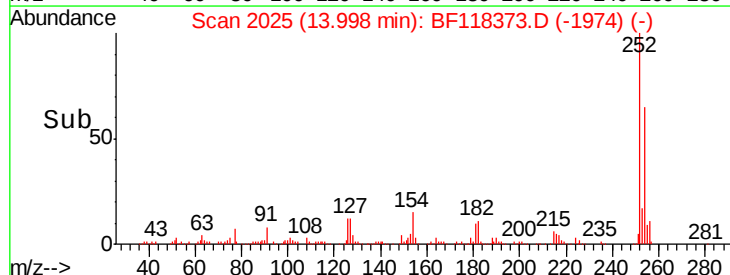
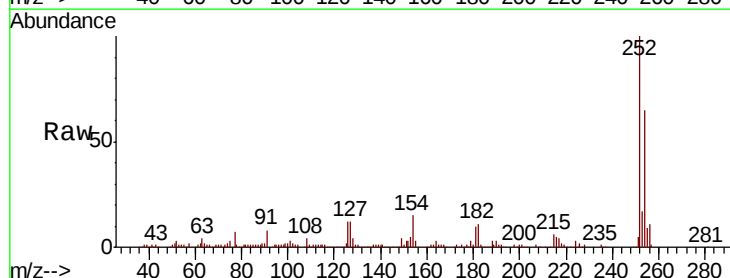
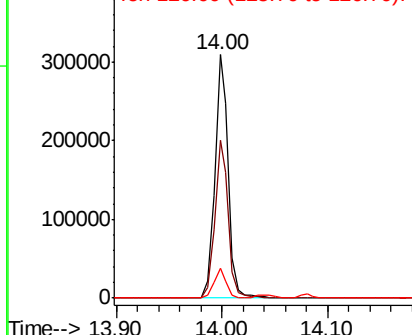
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.8
126	12.3	8.7	13.1

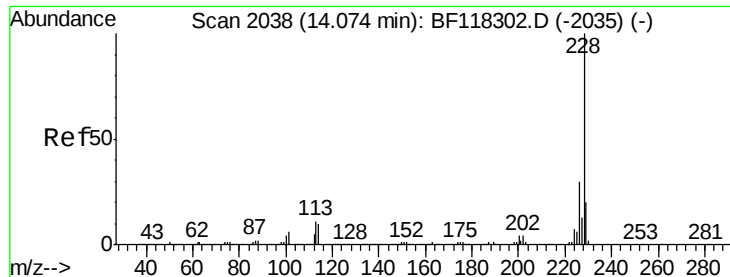
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





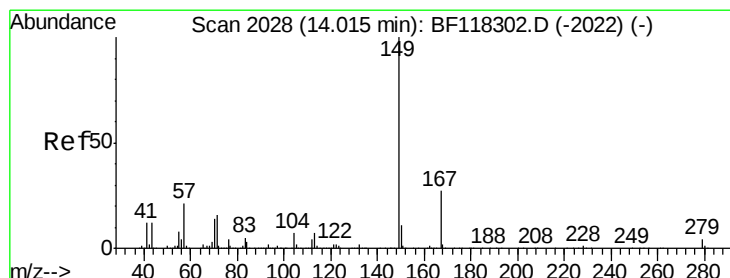
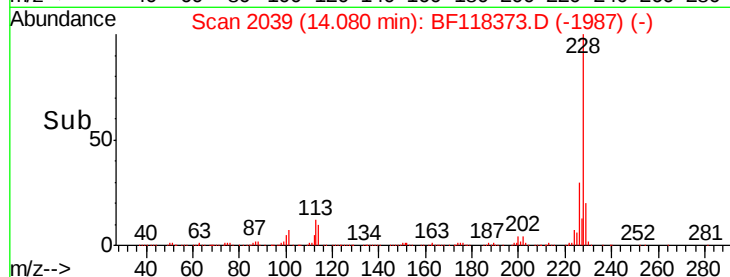
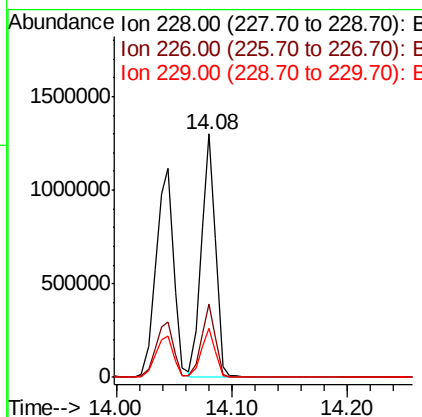
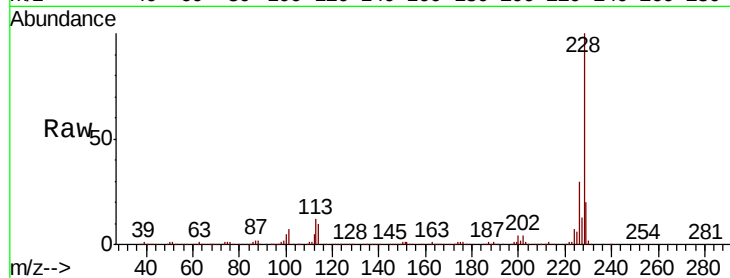
#83
 Chrvsene
 Concen: 45.287 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.1	16.1	24.1

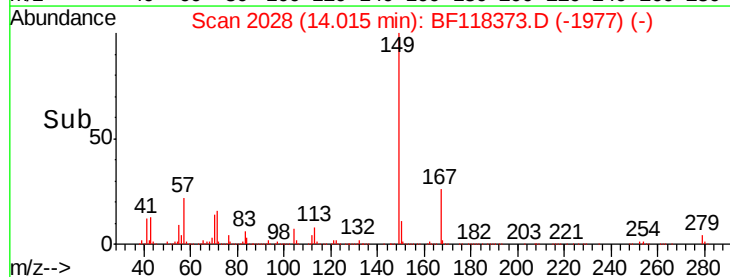
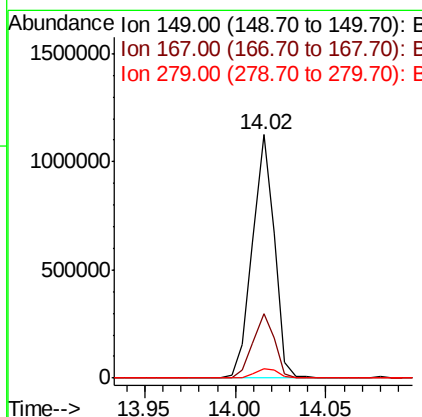
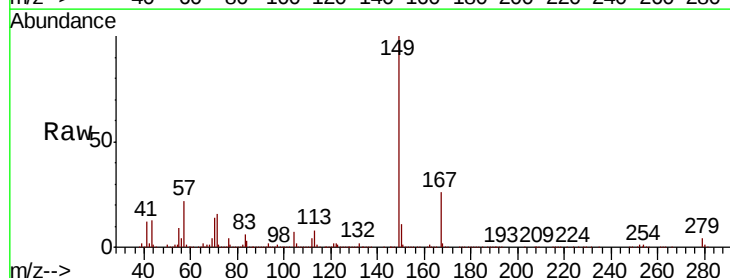
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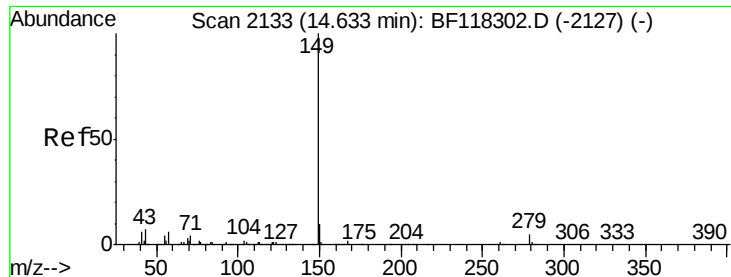
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.154 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.0	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 57.849 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:149 Resp: 1516685

Ion Ratio Lower Upper

149 100

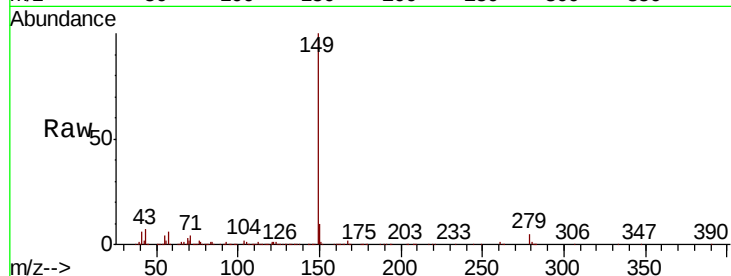
167 1.5 1.2 1.8

43 7.5 6.1 9.1

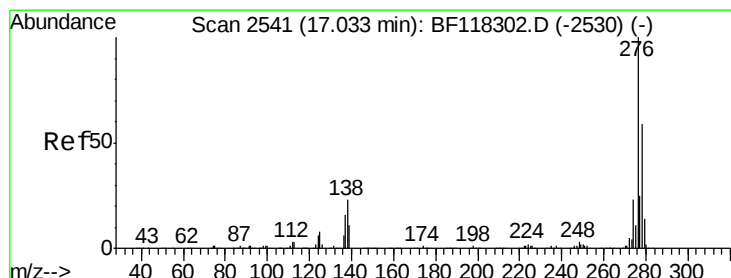
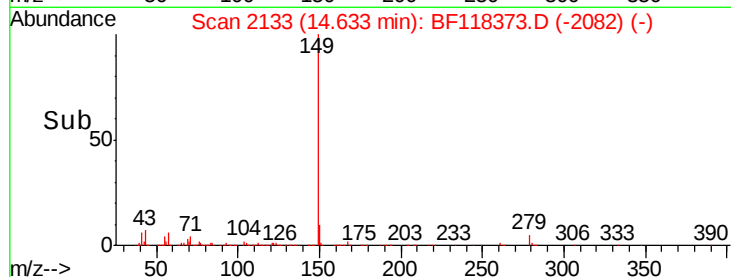
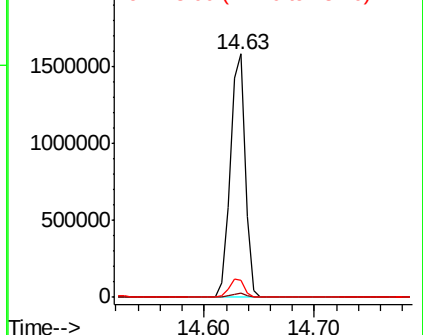
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.589 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

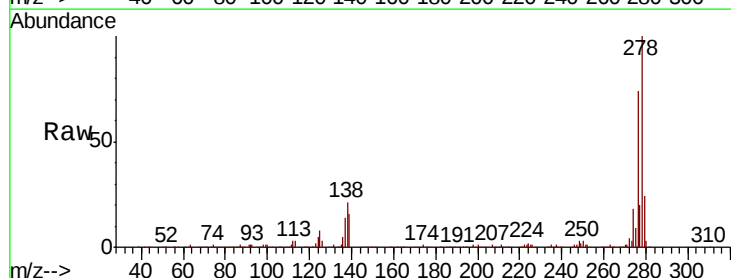
Tgt Ion:276 Resp: 1065062

Ion Ratio Lower Upper

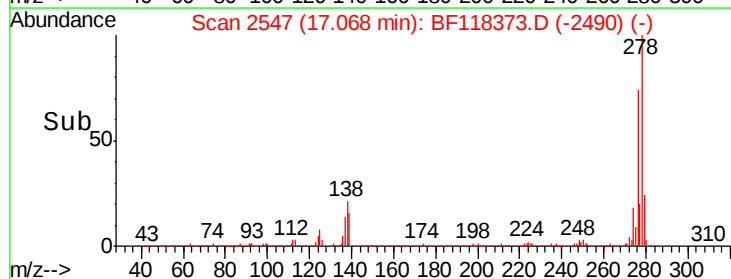
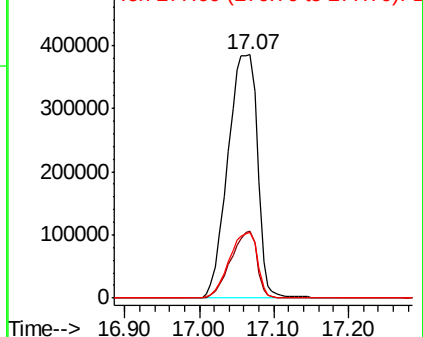
276 100

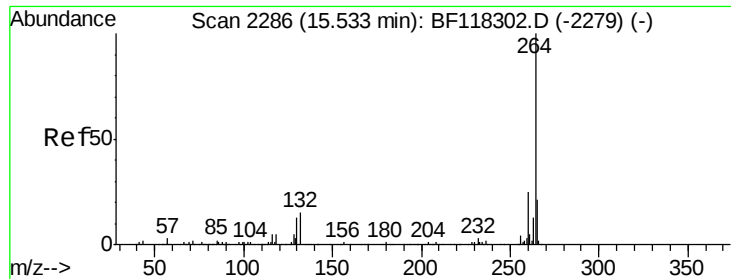
138 24.4 19.5 29.3

277 25.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

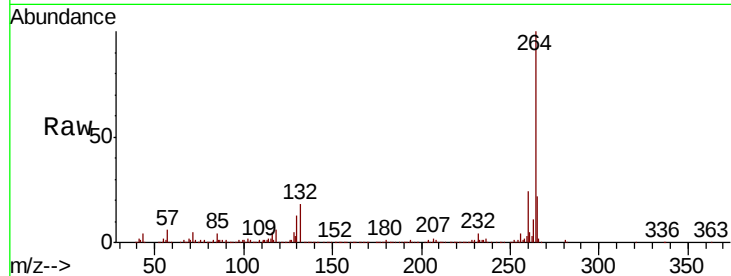
ClientSampleId :

DUNR-BF001-01MSD

Tot Ion:	264	Resp:	353479
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.8	29.6
265	21.6	17.0	25.4

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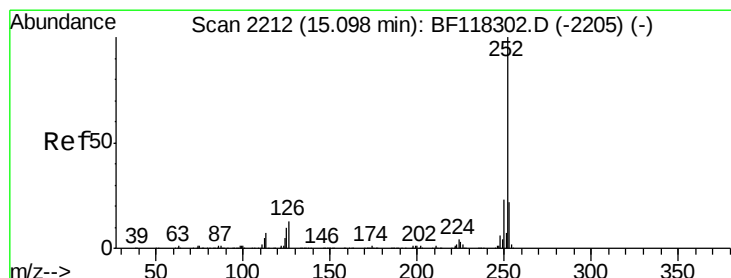
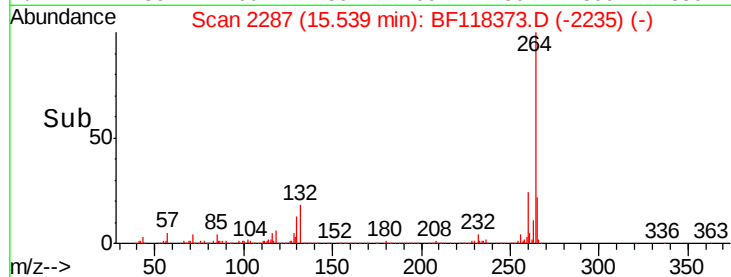
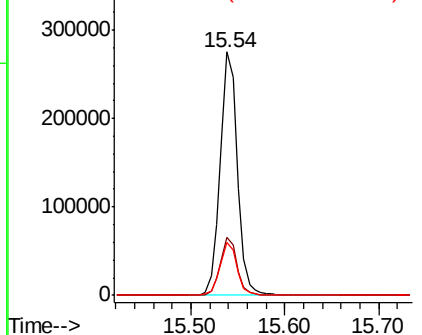


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.141 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

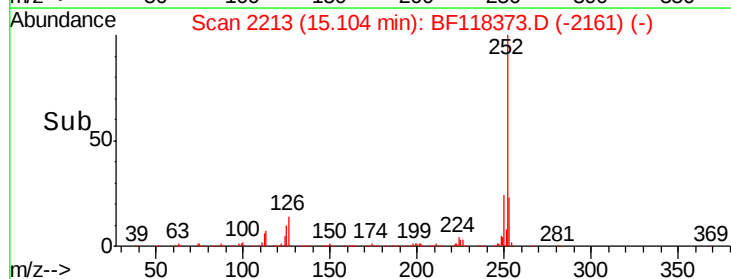
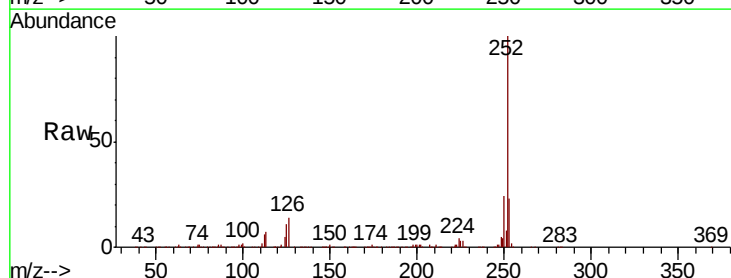
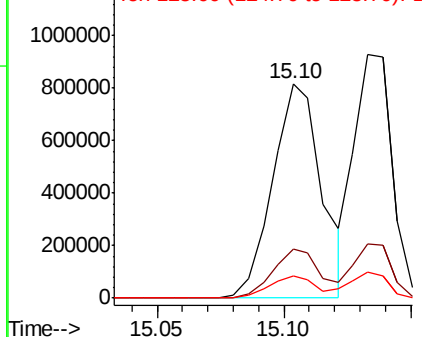
Tgt Ion:	252	Resp:	1106102
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	10.5	7.7	11.5

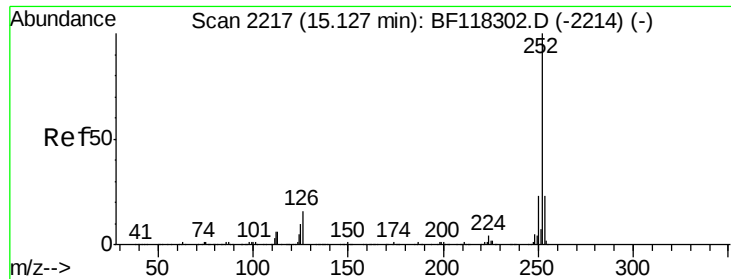
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





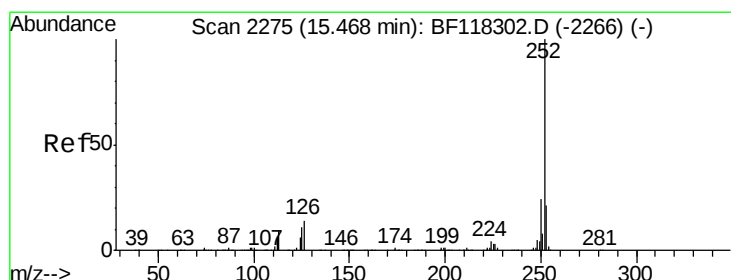
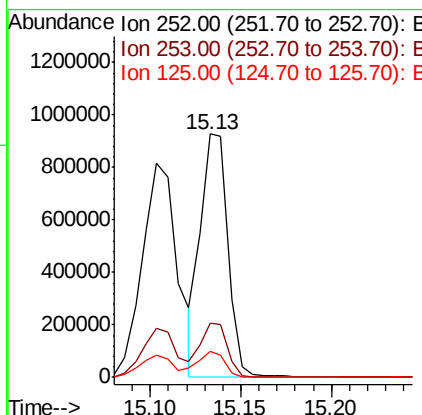
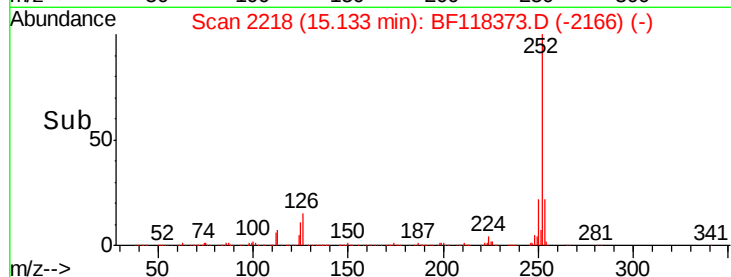
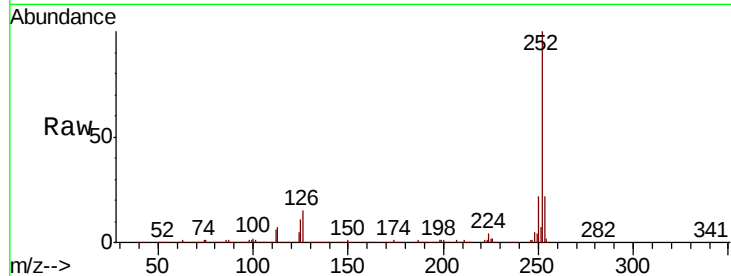
#89
Benzo(k)fluoranthene
Concen: 43.124 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.8	8.0	12.0

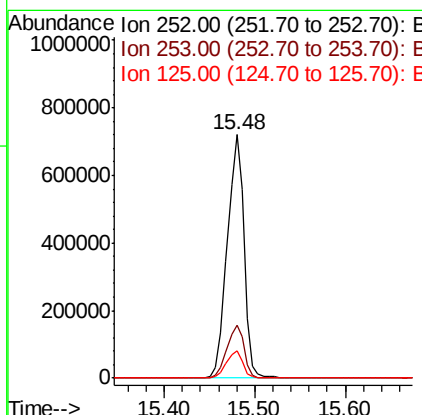
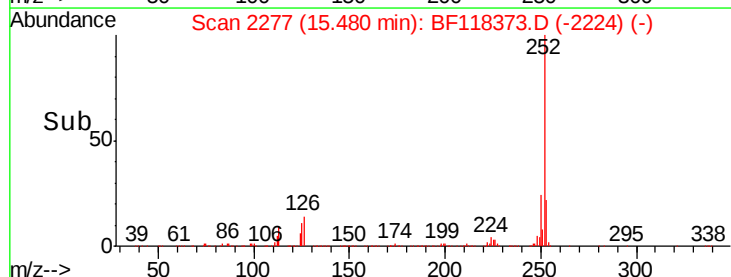
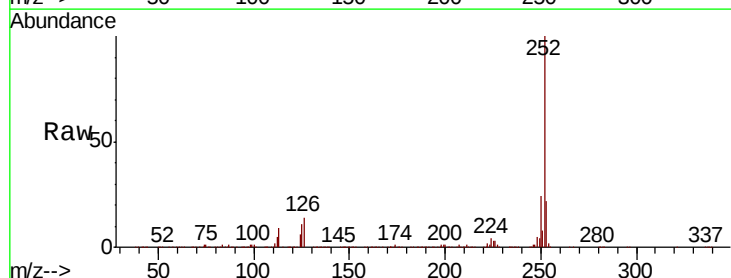
Manual Integrations
APPROVED

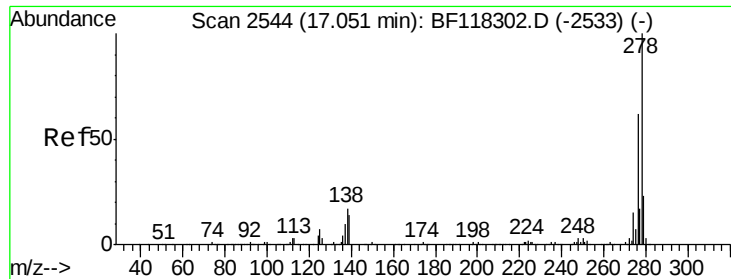
mohammad
12/30/2019 2:08:46 PM



#90
Benzo(a)pyrene
Concen: 44.916 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.1	9.0	13.4





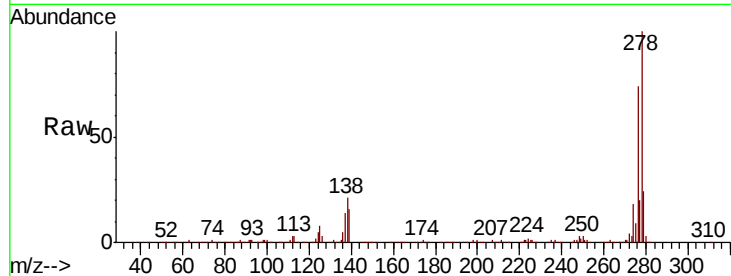
#91
Dibenzo(a,h)anthracene
Concen: 50.266 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.5	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/30/2019 2:08:46 PM

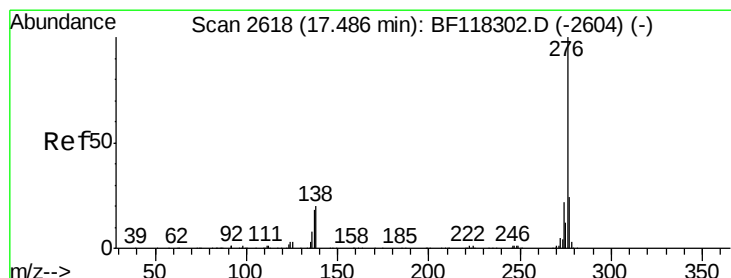
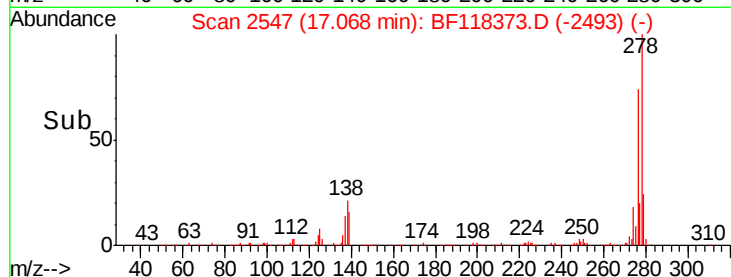
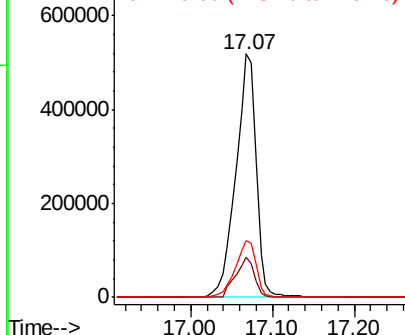


Abundance

Ion 278.00 (277.70 to 278.70): E

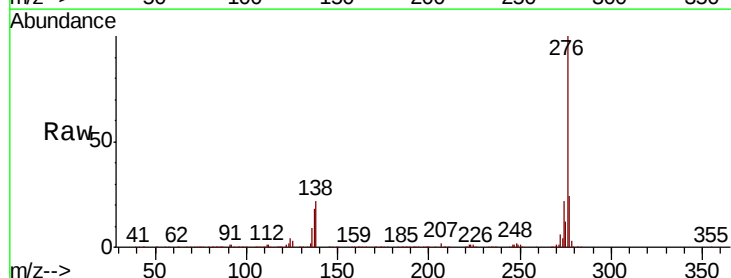
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.501 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.7	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

