

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119035.D
 Acq On : 24 Feb 2020 22:00
 Operator : CG/JU
 Sample : L1635-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Manual Integrations
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Quant Time: Feb 25 01:18:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	169097	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	637724	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	341471	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	598692	20.00	ng	0.00
76) Chrysene-d12	13.91	240	357928	20.00	ng	0.00
87) Perylene-d12	15.33	264	379291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1077217	106.46	ng	0.01
7) Phenol-d6	6.40	99	1290139	104.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	855299	70.81	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	443878	99.37	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1640538	70.78	ng	0.00
79) Terphenyl-d14	12.85	244	1662258	79.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	168491	37.400	ng	99
3) Pyridine	3.27	79	424154	34.474	ng	98
4) n-Nitrosodimethylamine	3.20	42	165780	44.480	ng	93
6) Aniline	6.42	93	165102	10.873	ng	# 1
8) 2-Chlorophenol	6.55	128	509606	46.668	ng	98
9) Benzaldehyde	6.30	77	212875	25.892	ng	99
10) Phenol	6.42	94	574088	43.149	ng	89
11) bis(2-Chloroethyl)ether	6.49	93	456211	44.814	ng	99
12) 1,3-Dichlorobenzene	6.70	146	551816	42.162	ng	100
13) 1,4-Dichlorobenzene	6.77	146	560693	42.811	ng	99
14) 1,2-Dichlorobenzene	6.93	146	517656	43.339	ng	99
15) Benzyl Alcohol	6.90	79	411732	46.294	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	375488	42.579	ng	85
17) 2-Methylphenol	7.02	107	395205	44.640	ng	94
18) Hexachloroethane	7.27	117	200353	42.759	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	325416	45.382	ng	98
20) 3+4-Methylphenols	7.17	107	490381	45.211	ng	# 79
22) Acetophenone	7.17	105	655707	44.439	ng	97
24) Nitrobenzene	7.34	77	503695	42.171	ng	98
25) Isophorone	7.58	82	910743	43.418	ng	100
26) 2-Nitrophenol	7.66	139	280933	44.392	ng	97
27) 2,4-Dimethylphenol	7.70	122	420835	48.997	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	560970	41.087	ng	98
29) 2,4-Dichlorophenol	7.90	162	429822	42.509	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	490383	40.905	ng	100
31) Naphthalene	8.06	128	1407515	42.557	ng	99
32) Benzoic acid	7.85	122	286015	45.967	ng	95
33) 4-Chloroaniline	8.11	127	67425	4.740	ng	98
34) Hexachlorobutadiene	8.18	225	298856	40.021	ng	98
35) Caprolactam	8.49	113	116538m	37.431	ng	
36) 4-Chloro-3-methylphenol	8.61	107	434645	42.475	ng	95
37) 2-Methylnaphthalene	8.75	142	966151	43.408	ng	99
38) 1-Methylnaphthalene	8.85	142	897441	42.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	482850	41.940	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	316534	76.057	nq	95
43) 2,4,6-Trichlorophenol	9.03	196	315879	43.447	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	329221	43.153	nq	95
46) 1,1'-Biphenyl	9.22	154	1147976	41.597	nq	99
47) 2-Chloronaphthalene	9.24	162	904173	40.656	nq	98
48) 2-Nitroaniline	9.33	65	239538	38.616	nq	98
49) Acenaphthylene	9.65	152	1397042	43.493	nq	99
50) Dimethylphthalate	9.52	163	1223671	46.863	nq	99
51) 2,6-Dinitrotoluene	9.58	165	246374	42.469	nq	96
52) Acenaphthene	9.82	154	813169	41.985	nq	99
53) 3-Nitroaniline	9.75	138	70411	10.948	nq	99
54) 2,4-Dinitrophenol	9.86	184	221873	78.814	nq	# 90
55) Dibenzofuran	10.00	168	1227641	42.466	nq	99
56) 4-Nitrophenol	9.93	139	319898	82.787	nq	94
57) 2,4-Dinitrotoluene	9.99	165	313761	41.726	nq	93
58) Fluorene	10.34	166	952169	42.387	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	274773	42.683	nq	99
60) Diethylphthalate	10.22	149	1042720	42.375	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	502777	42.284	nq	98
62) 4-Nitroaniline	10.36	138	210064	31.925	nq	99
63) Azobenzene	10.49	77	918415	42.939	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	175029	48.314	nq	91
66) n-Nitrosodiphenylamine	10.45	169	863635	44.055	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	333978	42.677	nq	97
68) Hexachlorobenzene	10.89	284	375469	41.614	nq	99
69) Atrazine	10.98	200	296788	43.332	nq	99
70) Pentachlorophenol	11.09	266	342841	94.329	nq	99
71) Phenanthrene	11.30	178	1382126	42.332	nq	99
72) Anthracene	11.35	178	1416339	43.416	nq	100
73) Carbazole	11.50	167	1186327	40.820	nq	100
74) Di-n-butylphthalate	11.83	149	1494141	42.453	nq	99
75) Fluoranthene	12.49	202	1352117	39.015	nq	99
77) Benzidine	12.60	184	328651	22.577	nq	98
78) Pyrene	12.71	202	1319801	45.920	nq	100
80) Butylbenzylphthalate	13.33	149	570791	47.187	nq	93
81) Benzo(a)anthracene	13.90	228	1046057	42.892	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	189837	20.046	nq	99
83) Chrysene	13.93	228	1028681	42.332	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	756894	49.528	nq	100
85) Di-n-octyl phthalate	14.50	149	1195543	49.101	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1239807	52.691	nq	98
88) Benzo(b)fluoranthene	14.93	252	1004905	40.195	nq	99
89) Benzo(k)fluoranthene	14.96	252	1019785	44.016	nq	100
90) Benzo(a)pyrene	15.28	252	934724	41.426	nq	100
91) Dibenzo(a,h)anthracene	16.76	278	1027298	51.744	nq	98
92) Benzo(g,h,i)perylene	17.17	276	1069280	54.510	nq	98

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

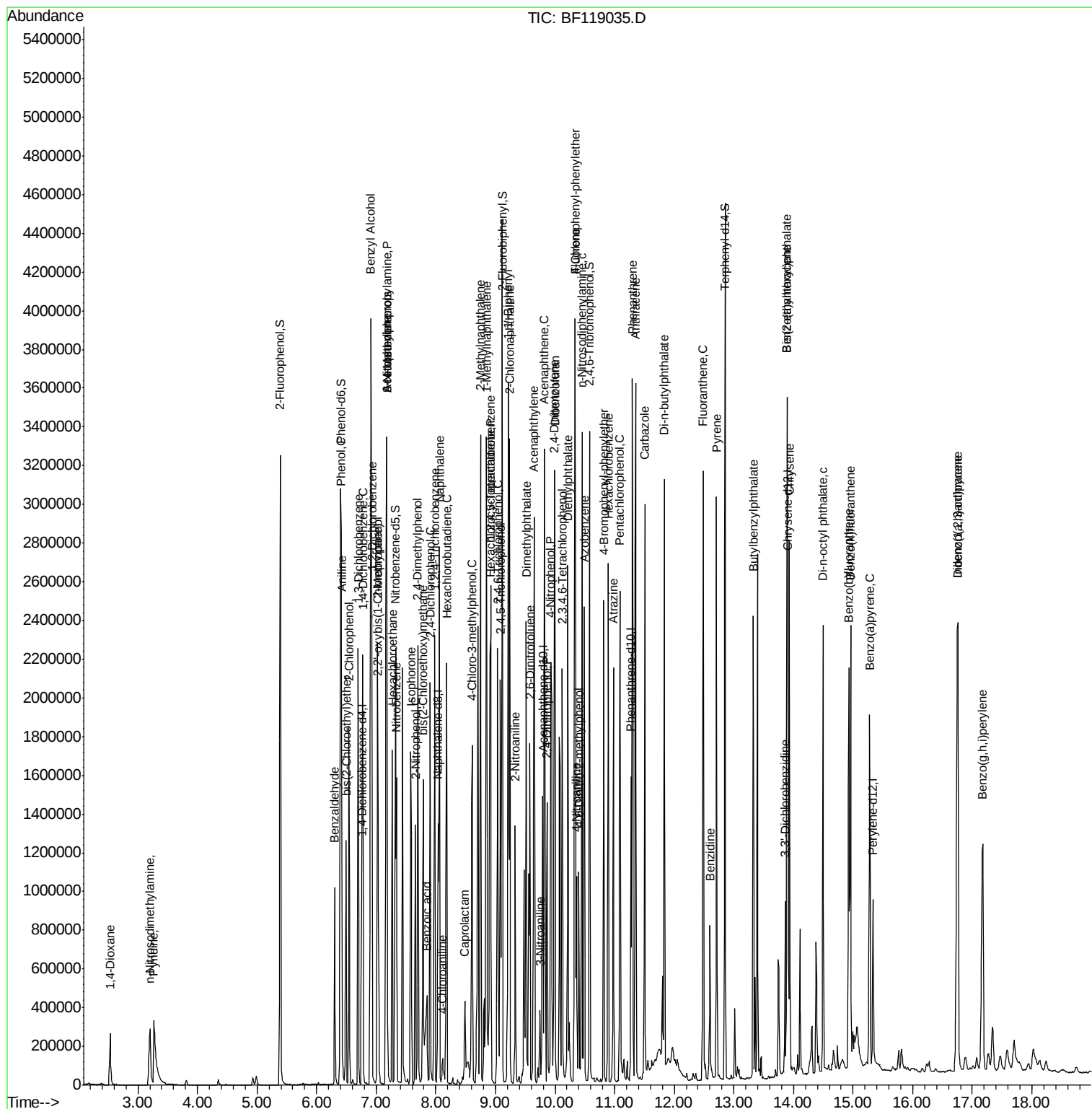
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#1

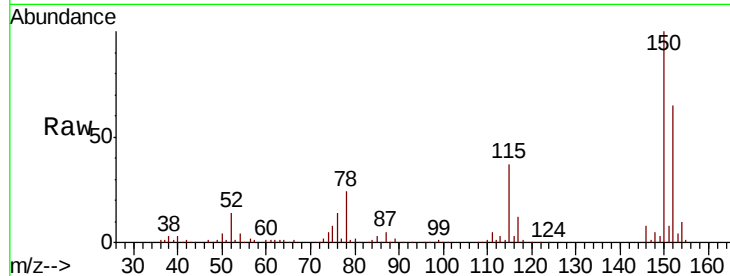
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	56.8	44.6	67.0

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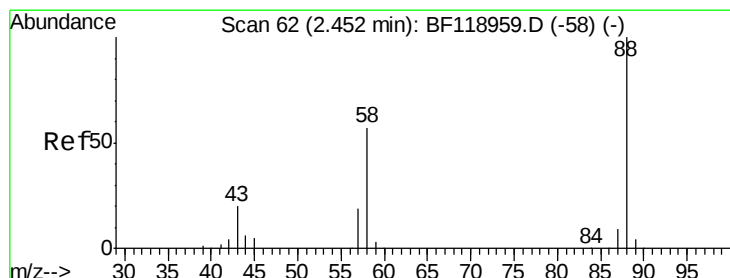
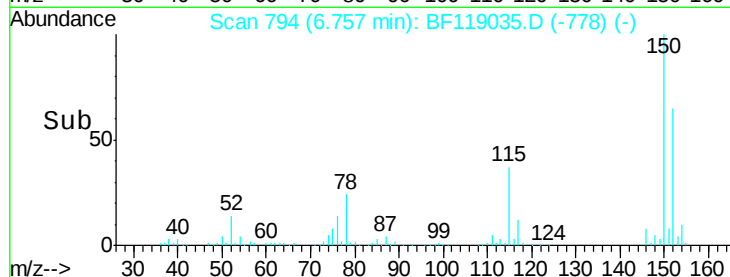
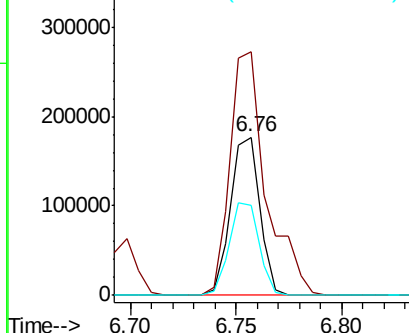


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

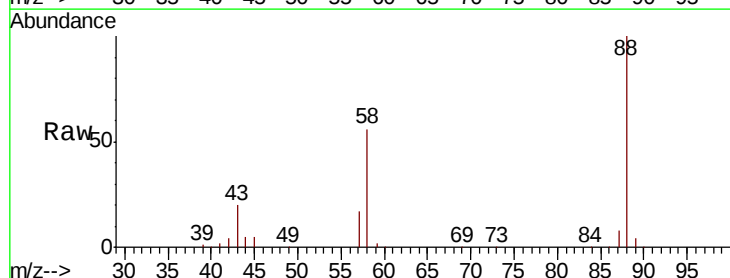
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.400 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.08 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	44.6	66.8
43	20.4	16.0	24.0

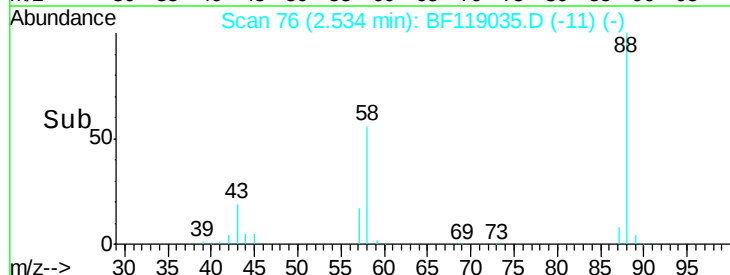
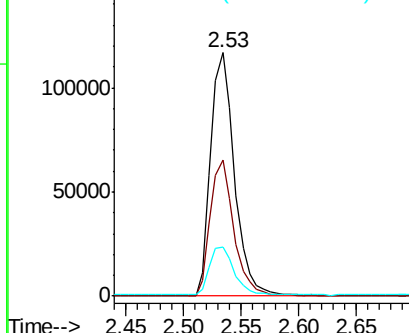


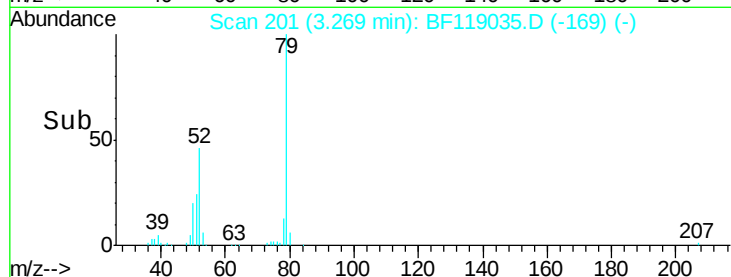
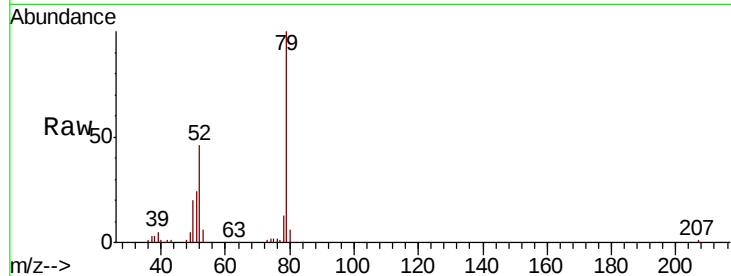
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





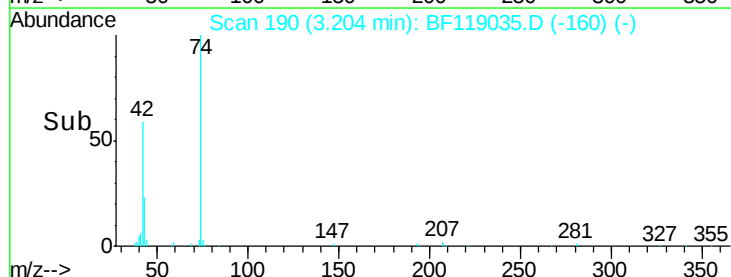
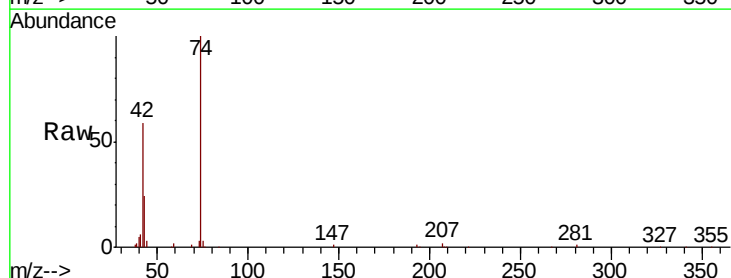
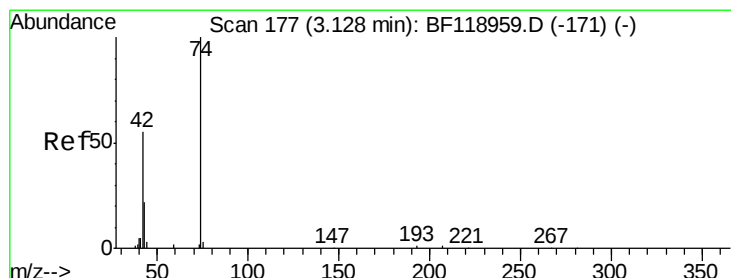
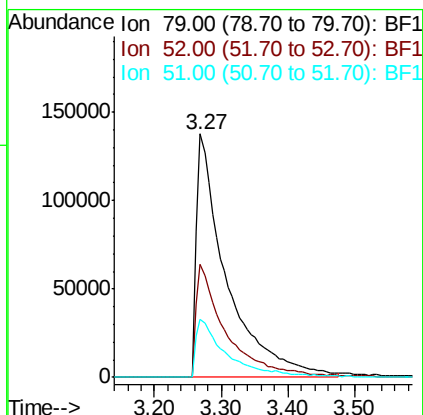
#3
 Pvridine
 Concen: 34.474 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	424154		
52	52	46.4		36.3	54.5
51	51	23.6		19.5	29.3

Instrument :
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 DUNR-TS001-01MS

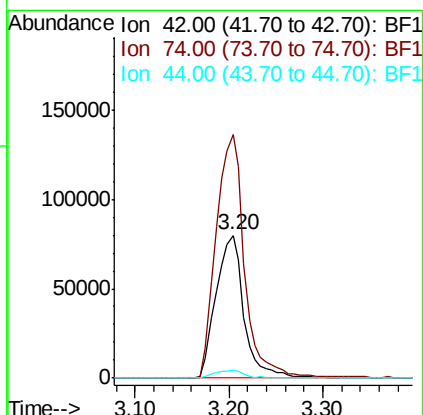
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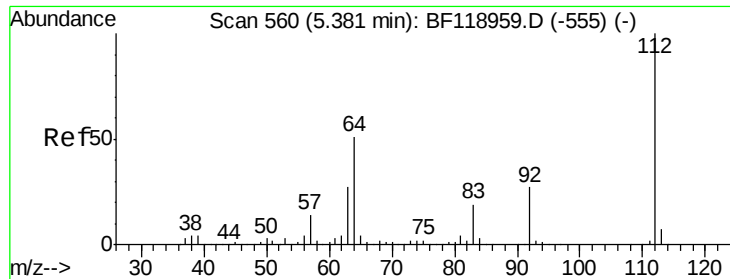
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#4
 n-Nitrosodimethylamine
 Concen: 44.480 ng
 RT: 3.20 min Scan# 190
 Delta R.T. 0.08 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	165780		
74	74	170.1		144.4	216.6
44	44	5.6		4.5	6.7





#5

2-Fluorophenol

Concen: 106.461 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

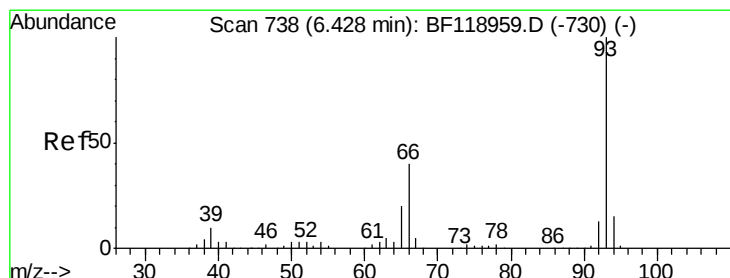
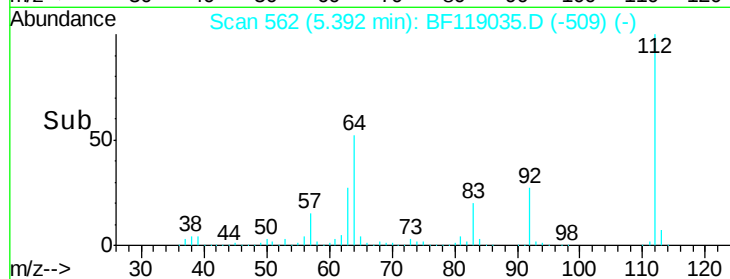
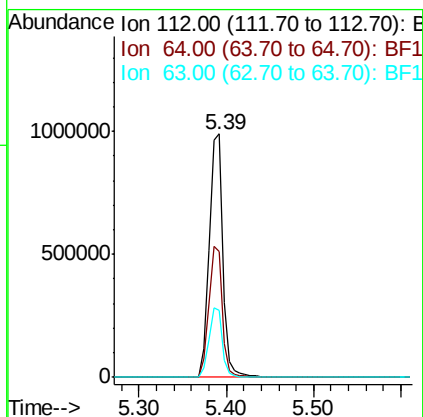
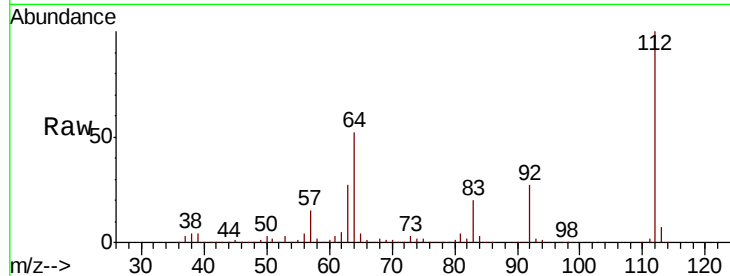
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	112	Resp:	1077217
Ion	Ratio	Lower	Upper
112	100		
64	51.9	40.4	60.6
63	27.3	21.3	31.9

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#6

Aniline

Concen: 10.873 ng

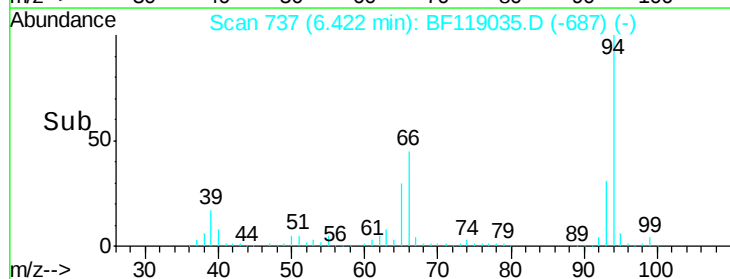
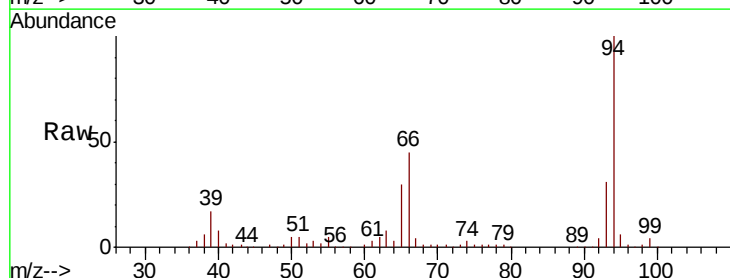
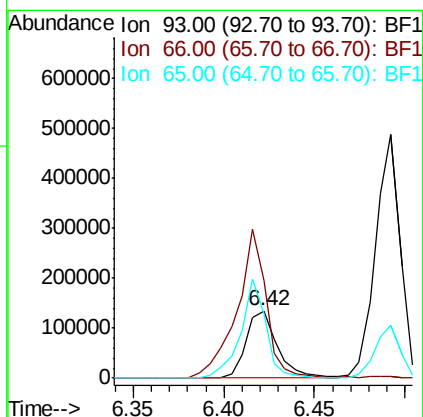
RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	93	Resp:	165102
Ion	Ratio	Lower	Upper
93	100		
66	144.4	32.2	48.2#
65	94.7	16.1	24.1#





#7

Phenol-d6

Concen: 104.839 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion: 99 Resp: 1290139

Ion Ratio Lower Upper

99 100

42 15.3 11.4 17.0

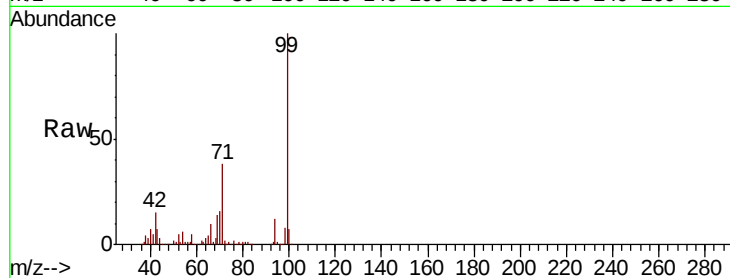
71 38.2 29.8 44.6

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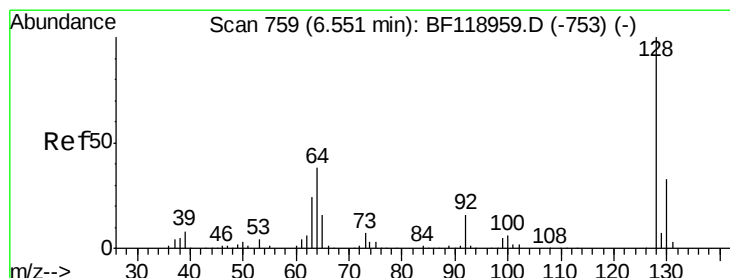
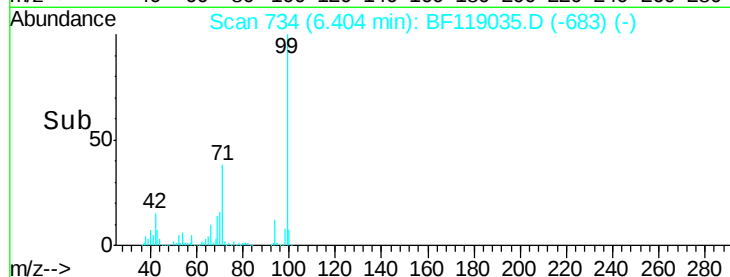
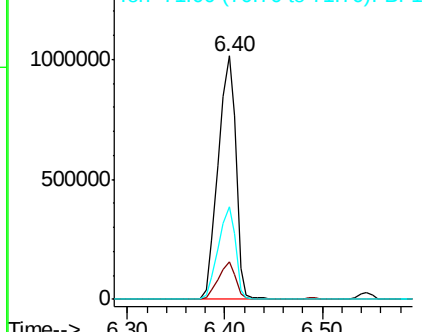
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.668 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

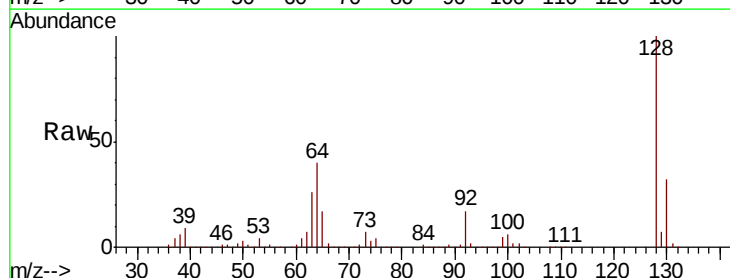
Tgt Ion:128 Resp: 509606

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

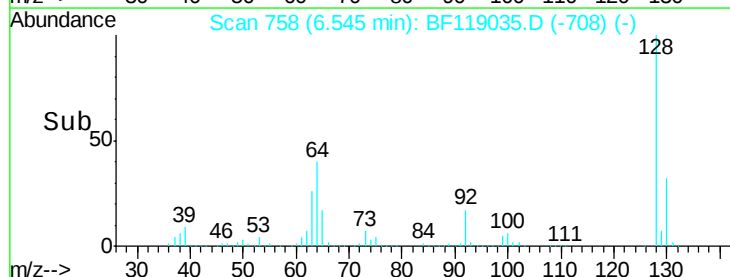
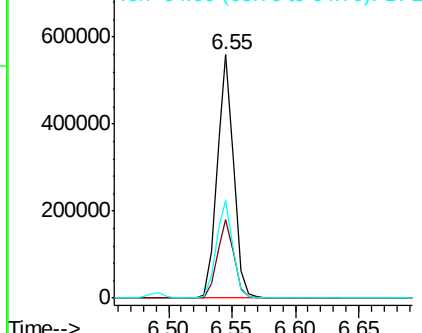
64 40.3 18.7 58.7



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: 25.892 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

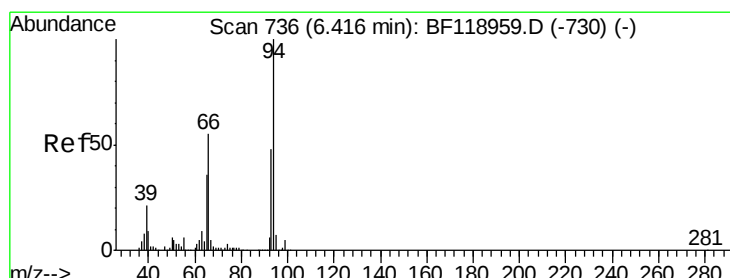
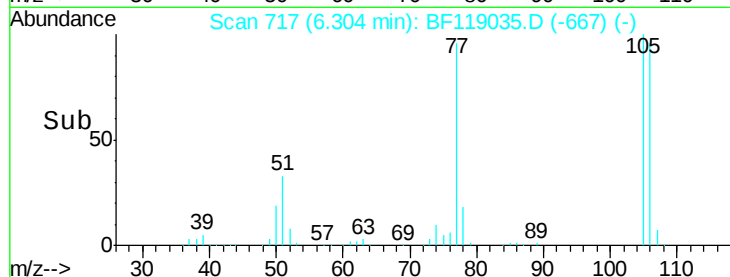
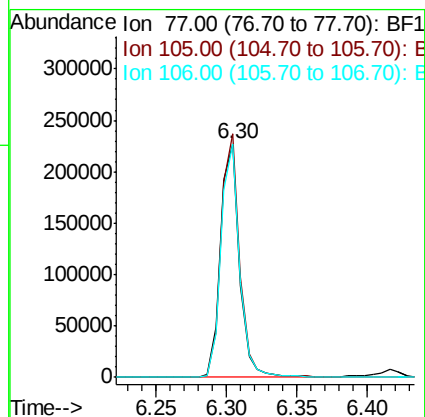
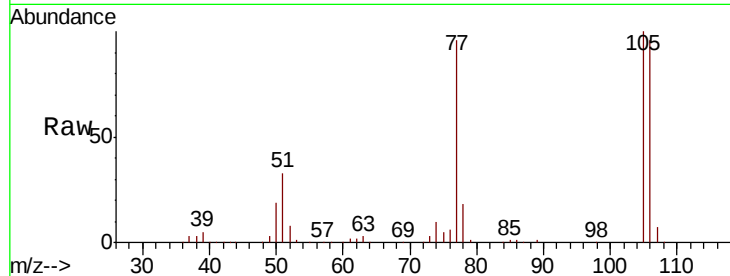
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	77	Resp:	212875
Ion	Ratio	Lower	Upper
77	100		
105	104.2	83.0	123.0
106	100.1	78.3	118.3

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#10

Phenol

Concen: 43.149 ng

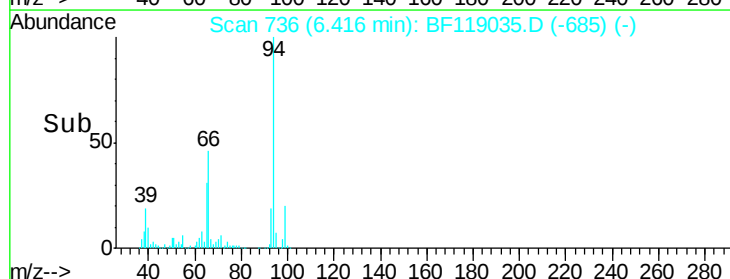
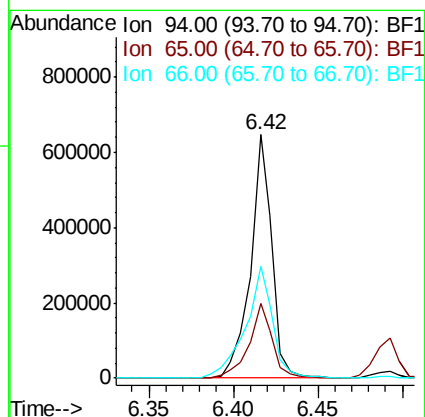
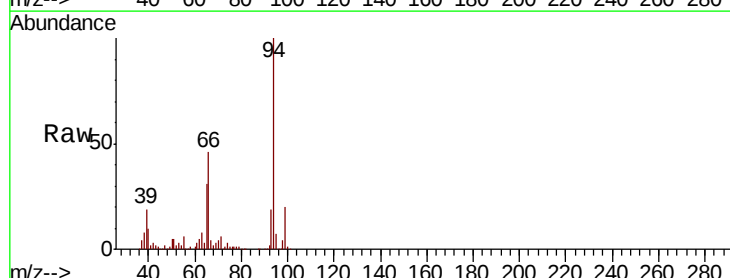
RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	94	Resp:	574088
Ion	Ratio	Lower	Upper
94	100		
65	30.6	15.5	55.5
66	46.0	35.6	75.6





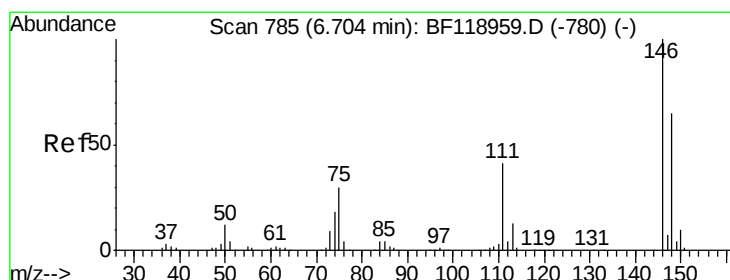
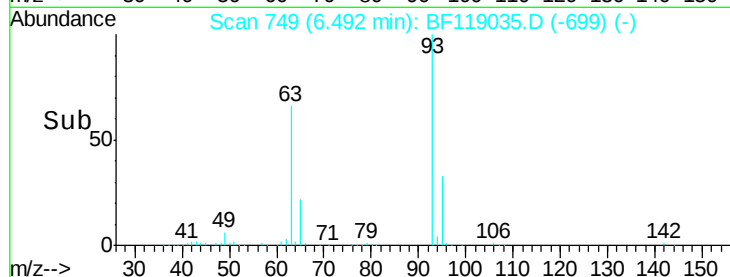
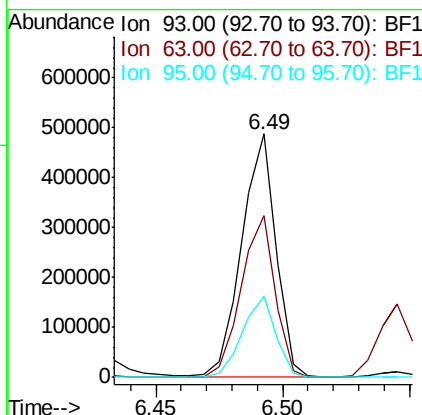
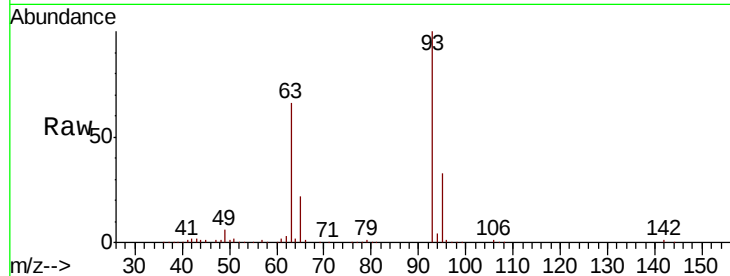
#11
bis(2-Chloroethyl)ether
Concen: 44.814 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.3	46.8	86.8
95	33.3	12.7	52.7

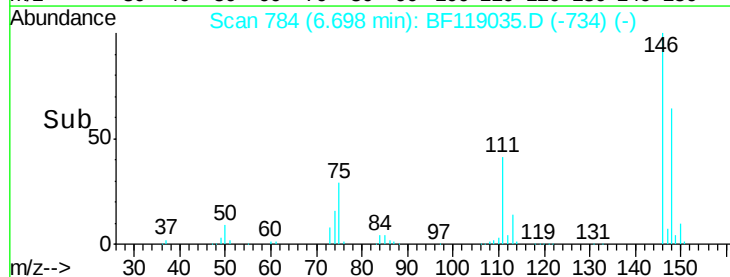
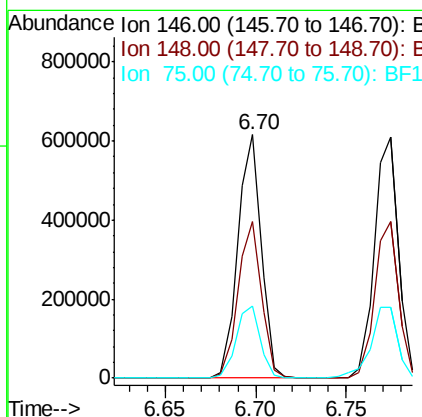
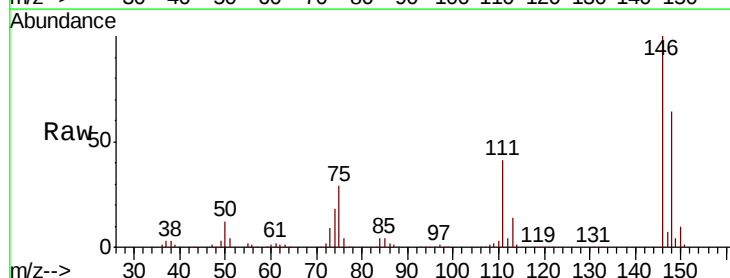
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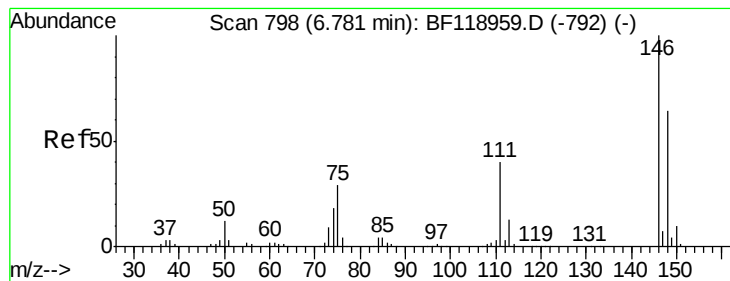
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.162 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
75	29.4	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 42.811 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

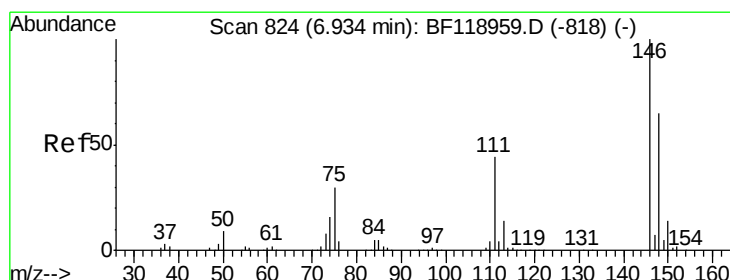
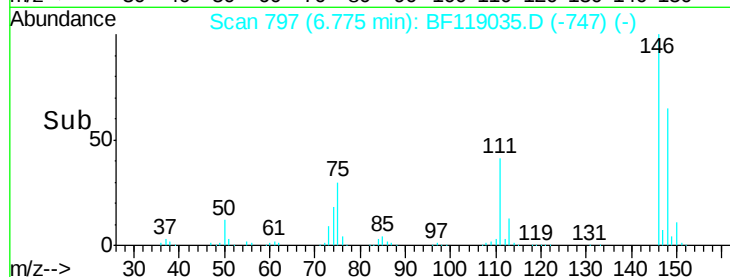
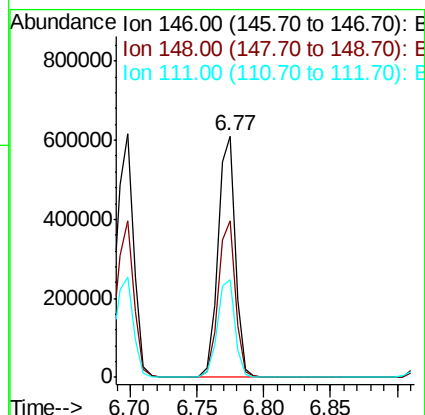
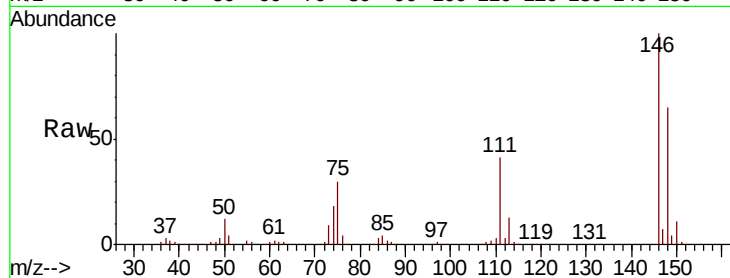
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	146	Resp:	560693
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
111	40.7	31.9	47.9

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#14

1,2-Dichlorobenzene

Concen: 43.339 ng

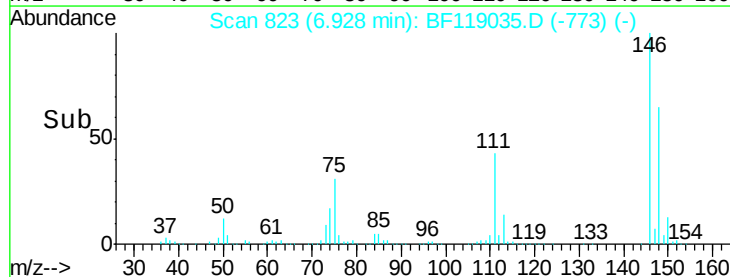
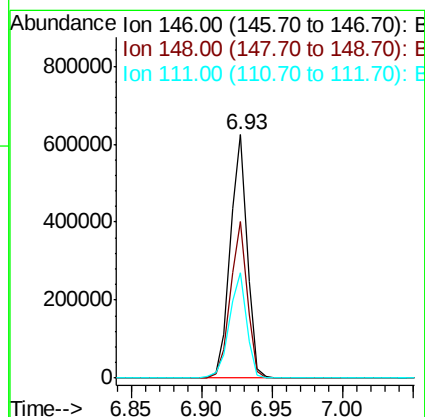
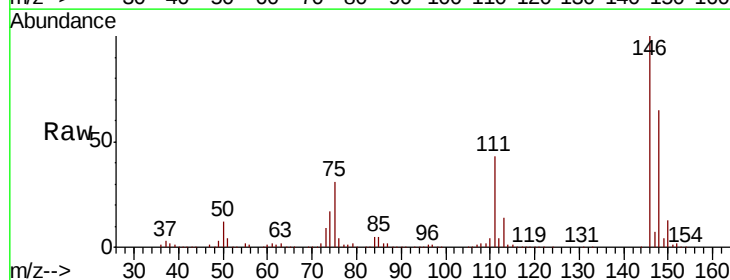
RT: 6.93 min Scan# 823

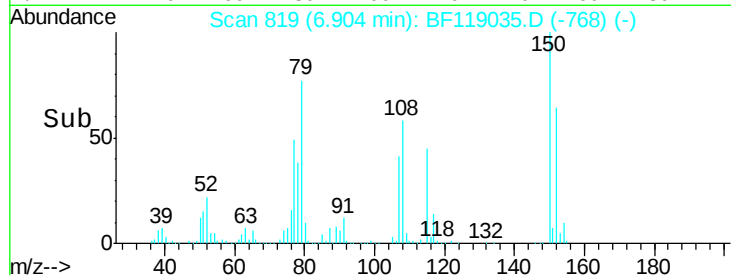
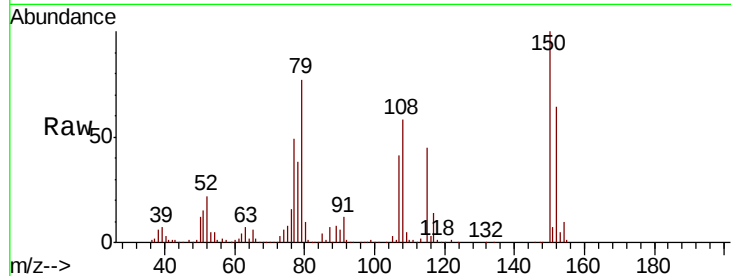
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	146	Resp:	517656
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.1	78.1
111	43.4	35.5	53.3





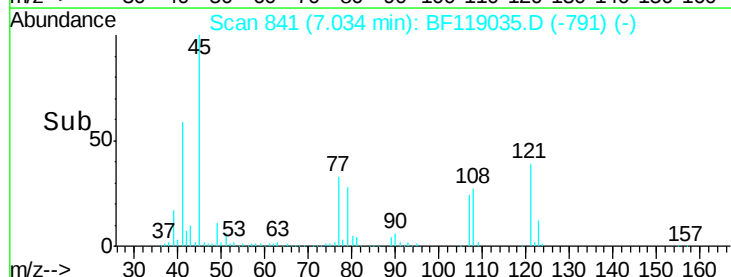
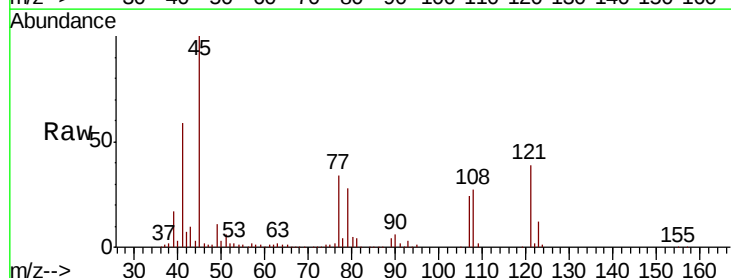
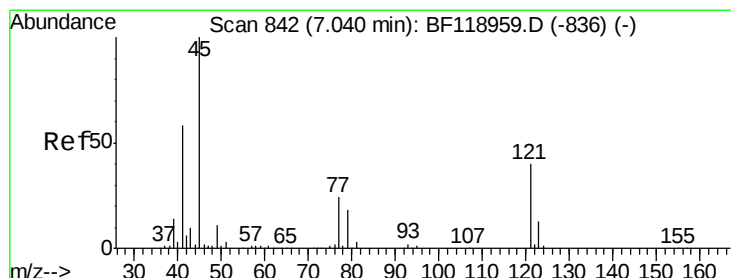
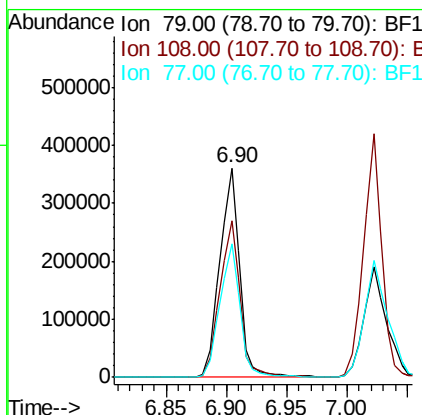
#15
Benzyl Alcohol
Concen: 46.294 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	61.1	91.7
77	63.7	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

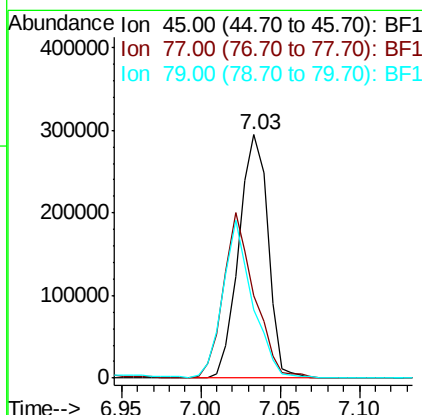
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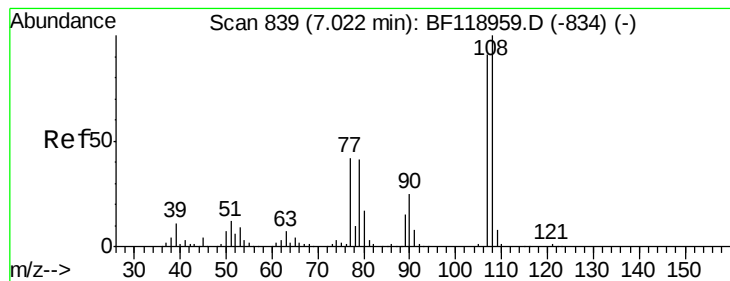
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.579 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.6	6.1	46.1
79	27.9	0.5	40.5





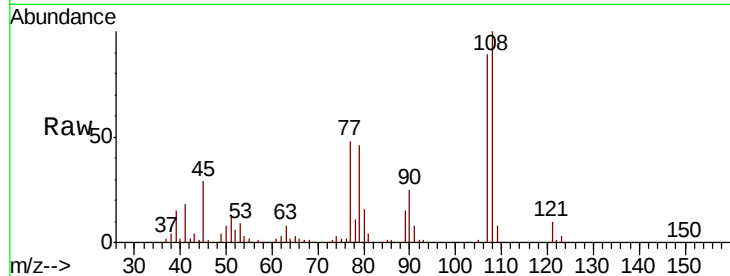
#17
2-Methylphenol
Concen: 44.640 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	395205		
108	111.9	87.7	131.5	
77	53.6	36.8	55.2	
79	51.0	36.4	54.6	

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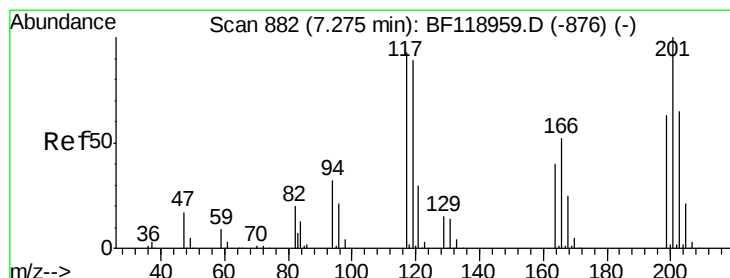
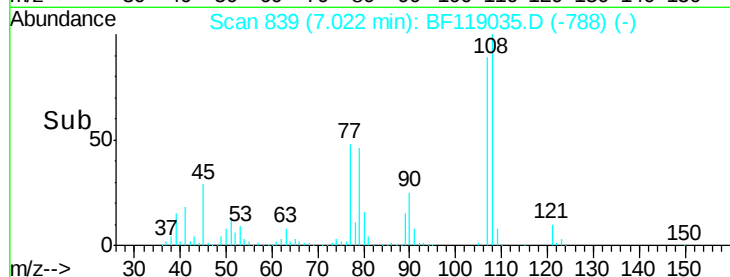
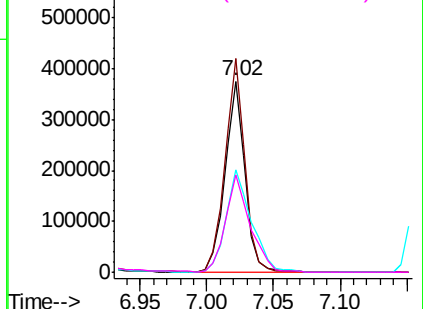
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

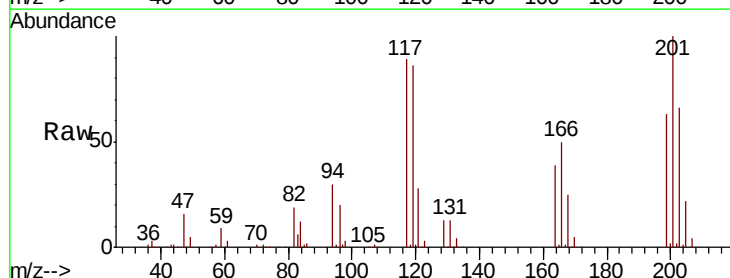
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.759 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200353		
119	96.7	77.0	115.6	
201	111.9	86.4	129.6	

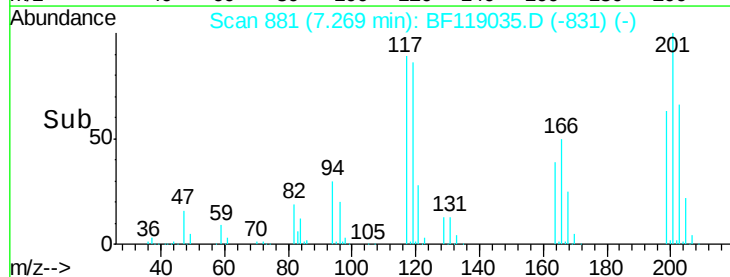
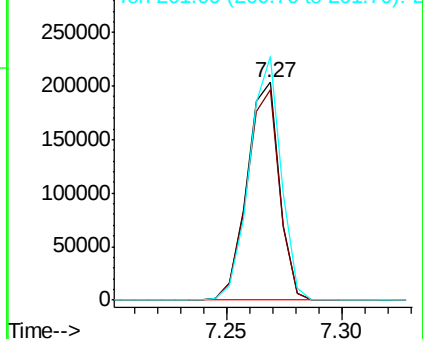


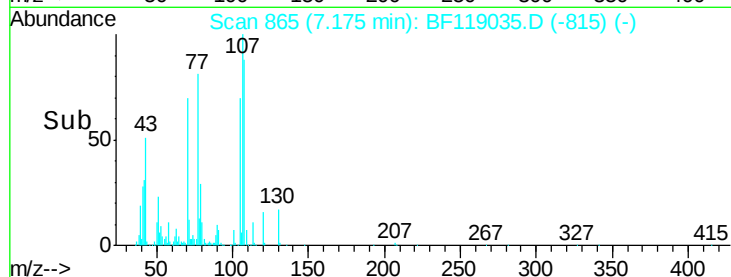
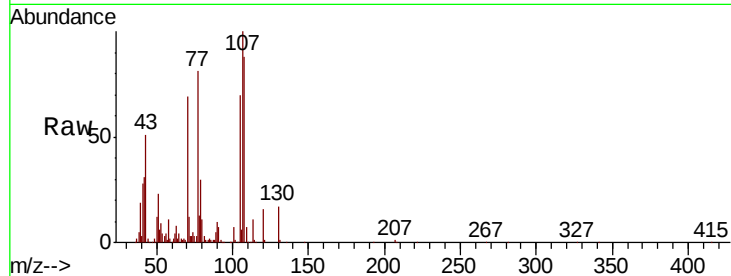
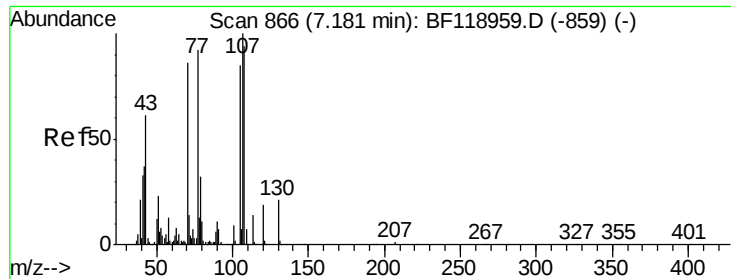
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





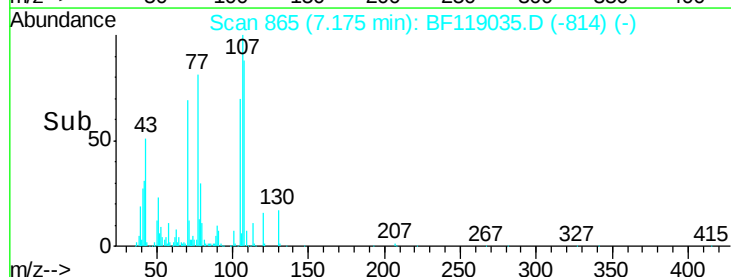
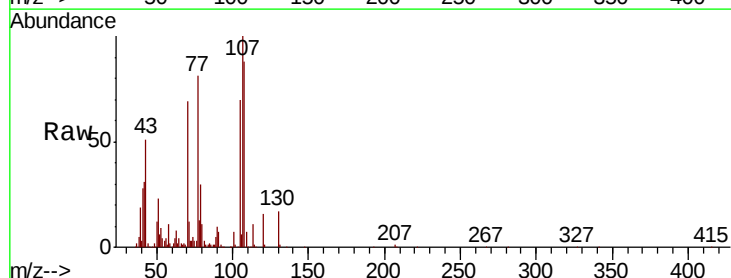
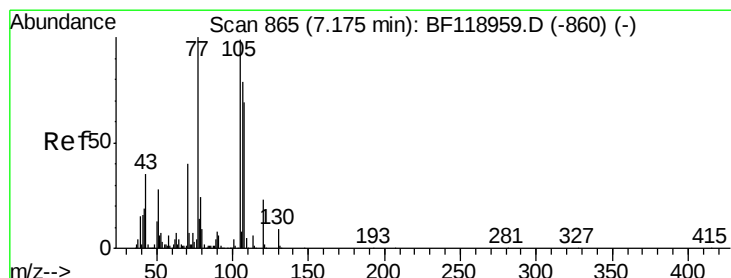
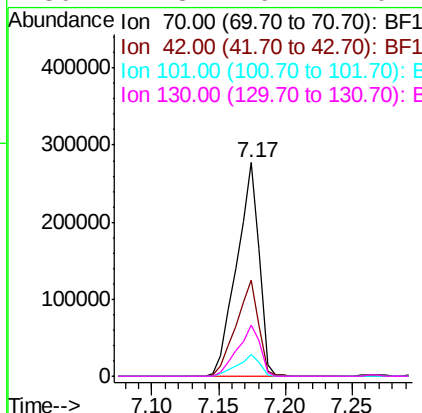
#19
n-Nitroso-di-n-propylamine
Concen: 45.382 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	34.6	51.8
101	10.2	8.1	12.1
130	24.3	19.4	29.2

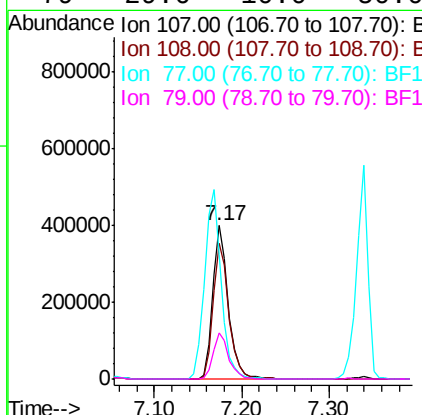
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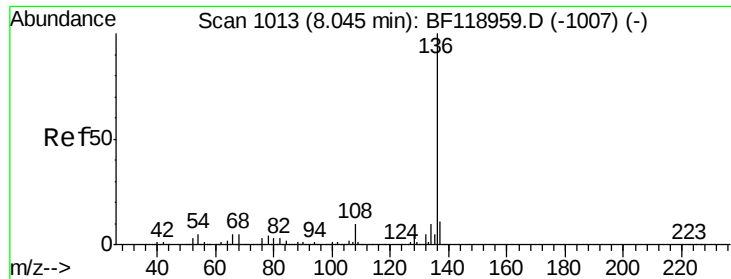
mohammad
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#20
3+4-Methylphenols
Concen: 45.211 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.0	107.0
77	81.3	106.2	146.2#
79	29.6	10.0	50.0





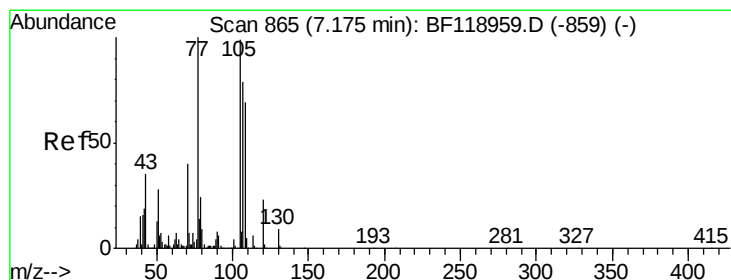
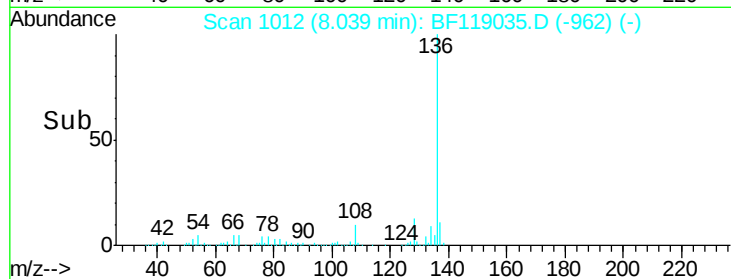
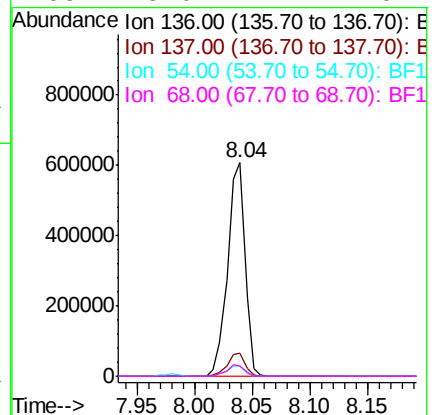
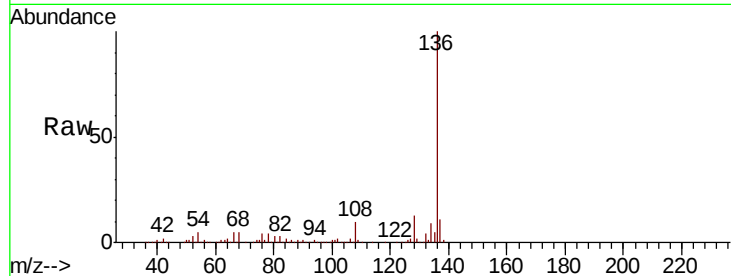
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		637724		
137	11.1	8.9	13.3		
54	4.7	3.8	5.6		
68	5.0	4.2	6.2		

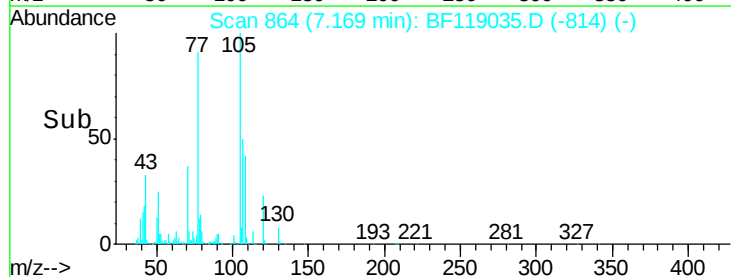
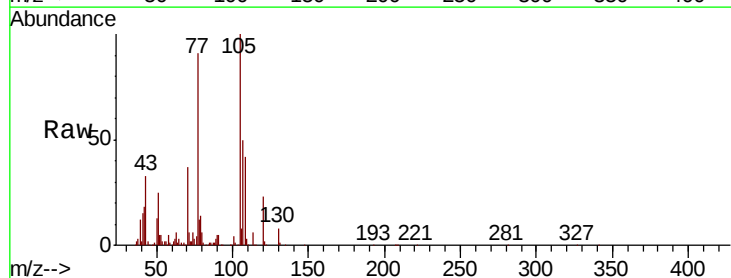
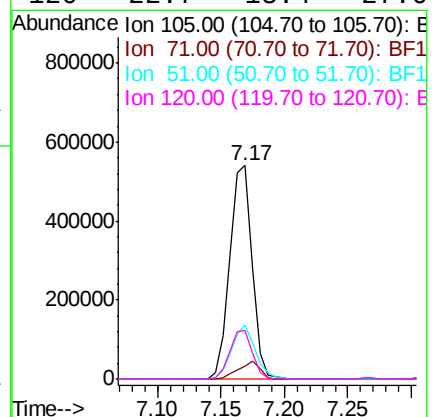
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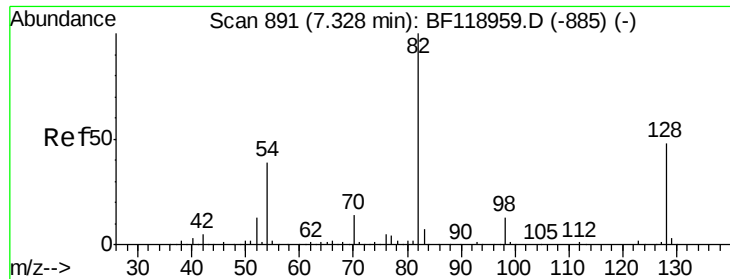
mohammad
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#22
Acetophenone
Concen: 44.439 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		655707		
71	6.1	5.4	8.0		
51	25.1	22.5	33.7		
120	22.7	18.4	27.6		





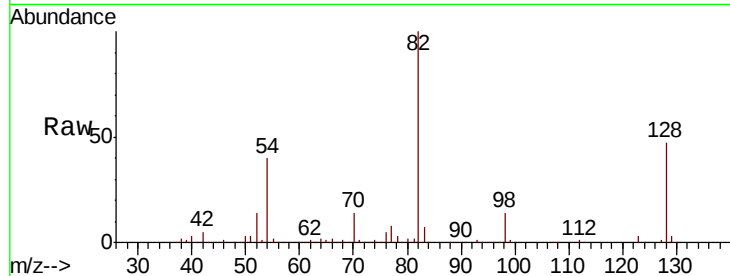
#23
Nitrobenzene-d5
Concen: 70.814 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

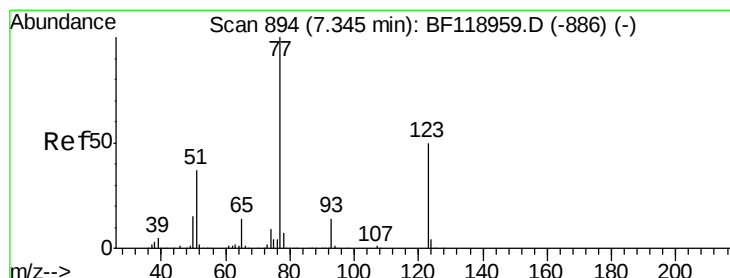
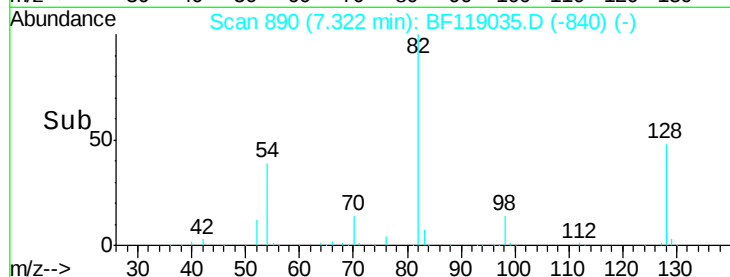
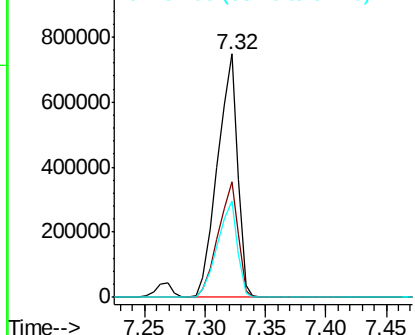
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.2
54	39.5	31.3	46.9

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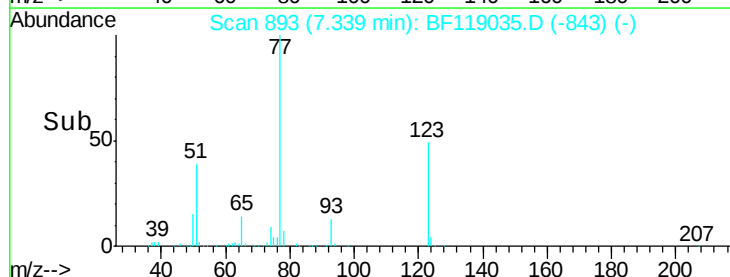
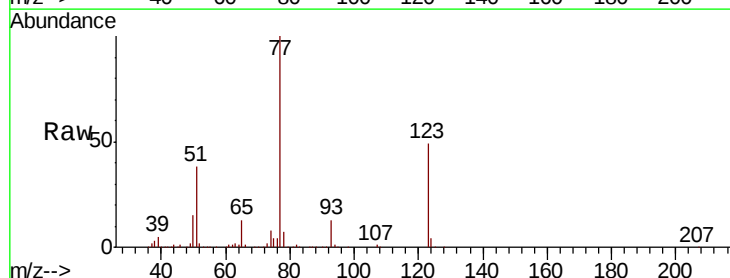
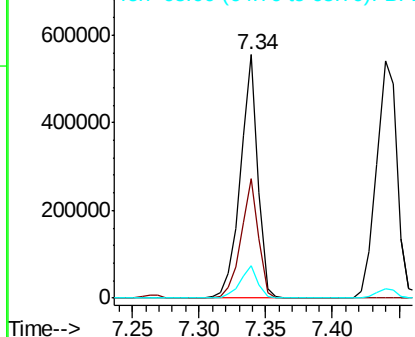
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 42.171 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.1	60.1
65	13.1	10.9	16.3

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.418 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

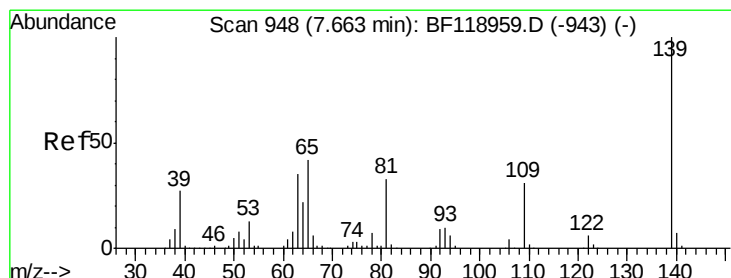
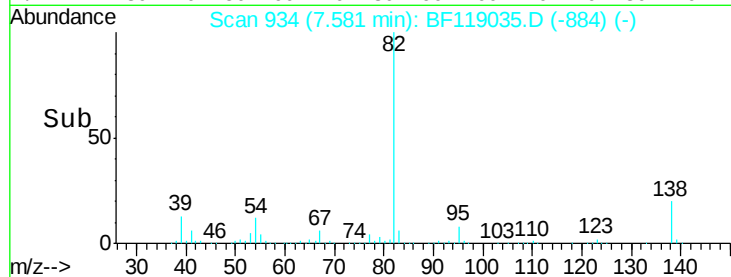
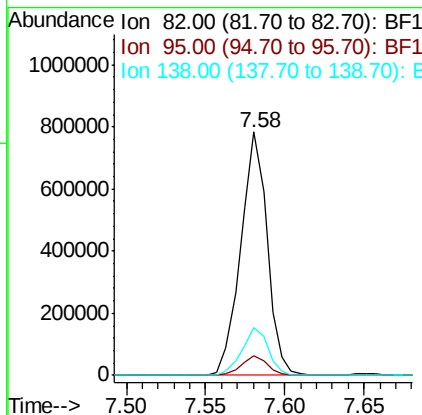
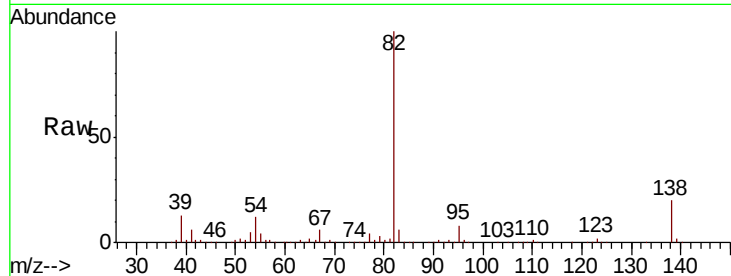
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	82	Resp:	910743
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.1	9.1
138	19.7	15.8	23.6

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#26

2-Nitrophenol

Concen: 44.392 ng

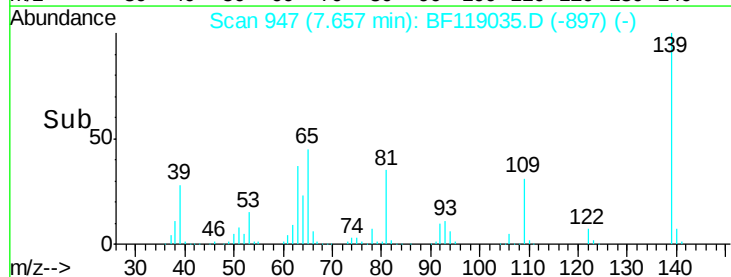
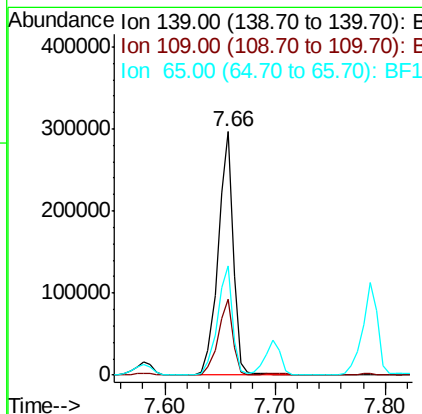
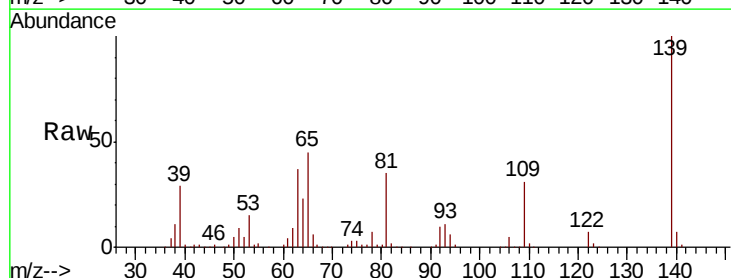
RT: 7.66 min Scan# 947

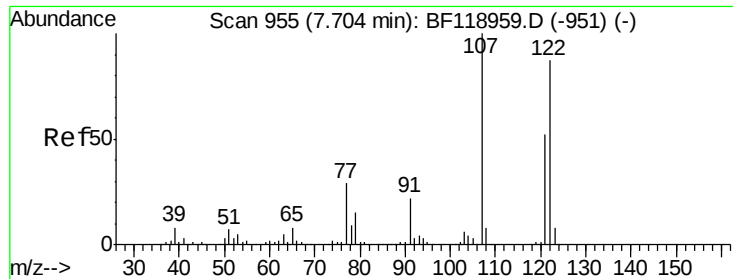
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	139	Resp:	280933
Ion Ratio	Lower	Upper	
139	100		
109	31.2	24.6	36.8
65	45.0	33.6	50.4





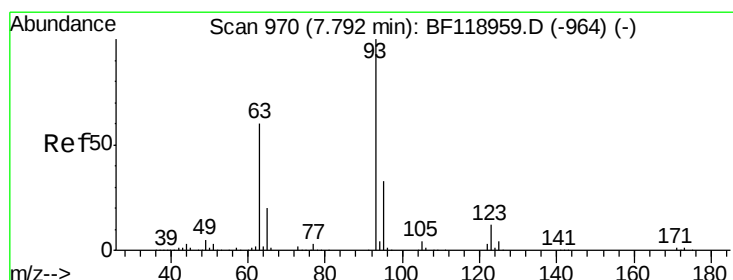
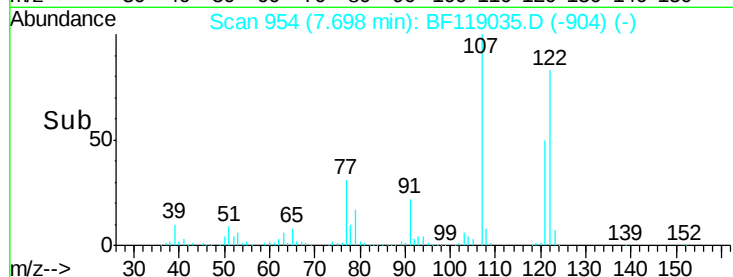
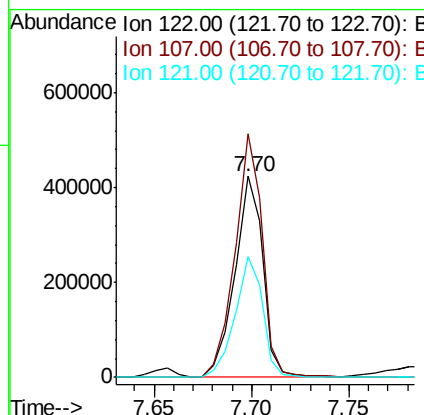
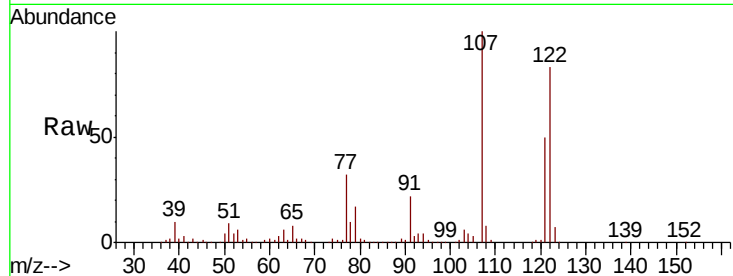
#27
2,4-Dimethylphenol
Concen: 48.997 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	91.8	137.8
121	60.0	47.4	71.0

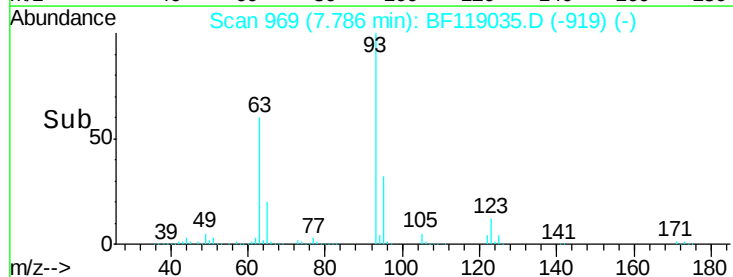
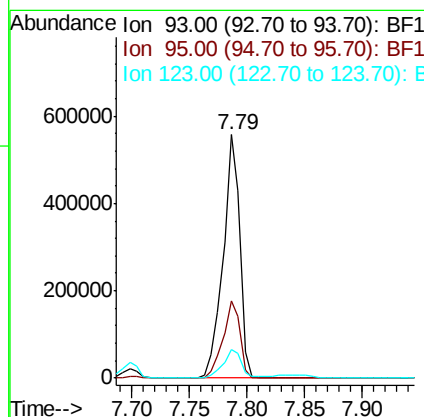
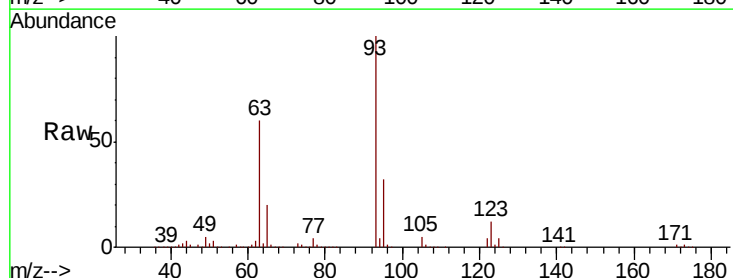
Manual Integrations
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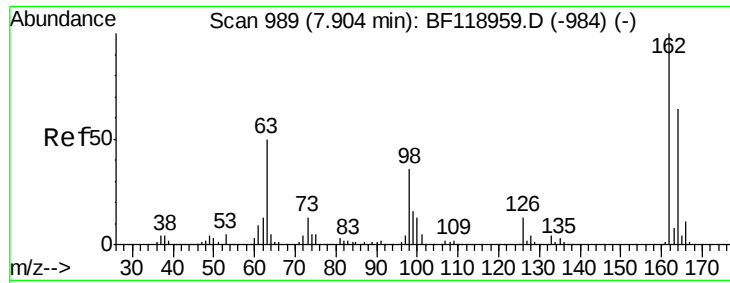
mohammad
2/25/2020 4:19:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.087 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.9	9.8	14.8





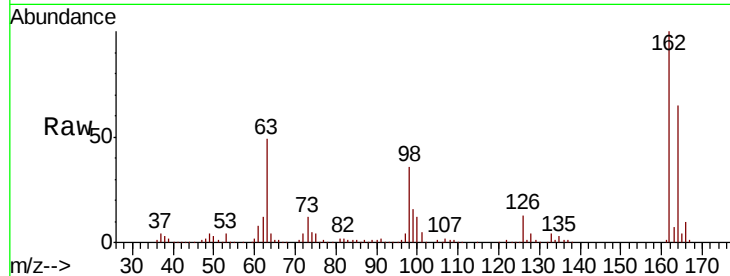
#29
 2,4-Dichlorophenol
 Concen: 42.509 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.1	84.1
98	35.7	16.4	56.4

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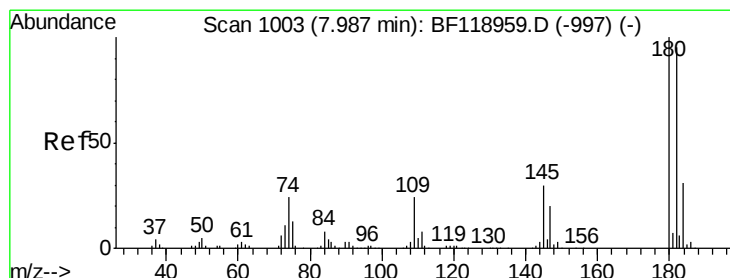
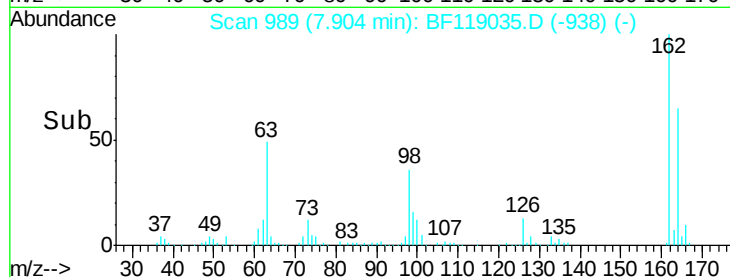
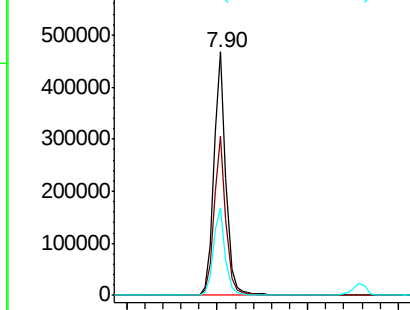


Abundance

Ion 162.00 (161.70 to 162.70): E

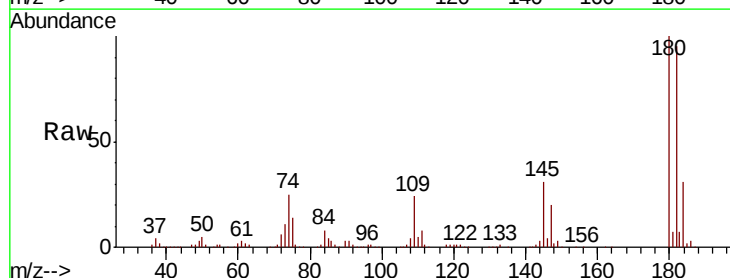
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.905 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	30.6	24.2	36.2

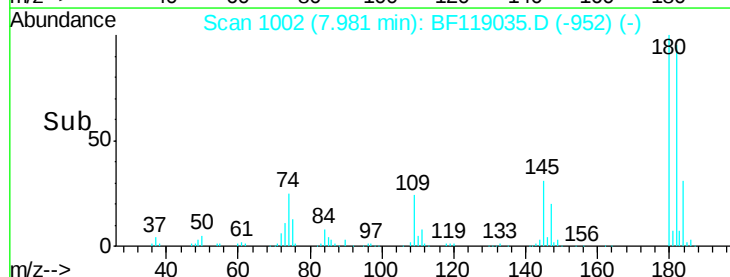
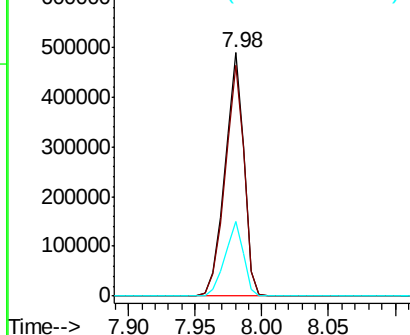


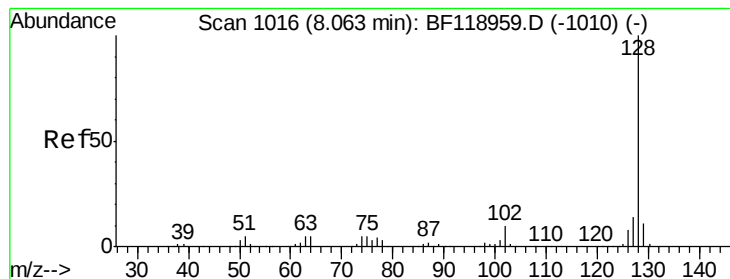
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.557 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:128 Resp: 1407515

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

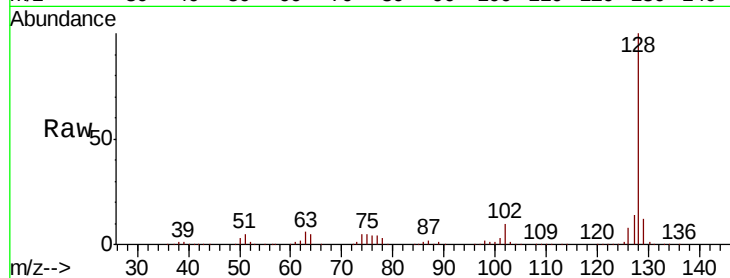
127 14.0 10.9 16.3

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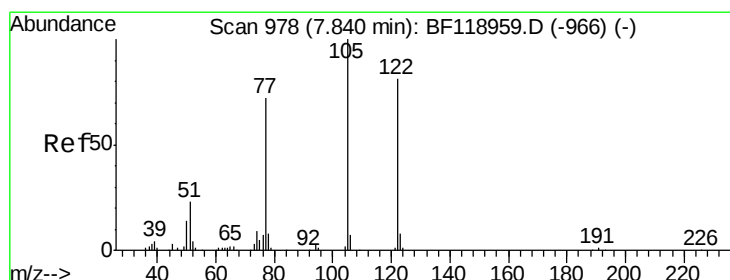
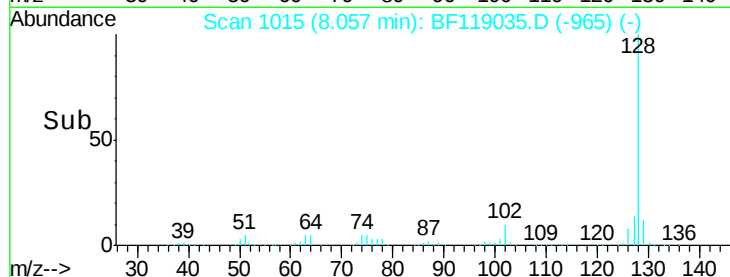
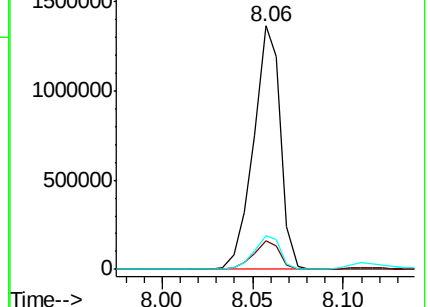
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.967 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

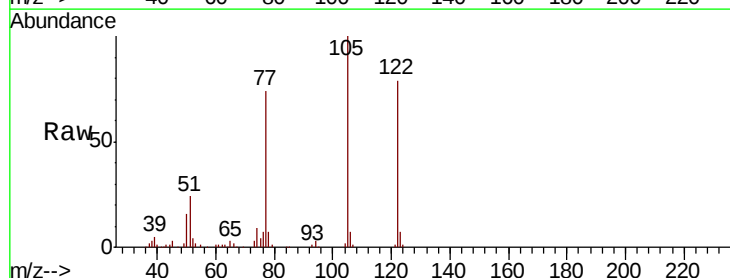
Tgt Ion:122 Resp: 286015

Ion Ratio Lower Upper

122 100

105 127.3 102.2 142.2

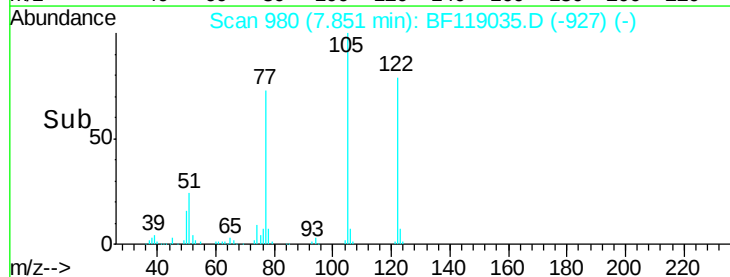
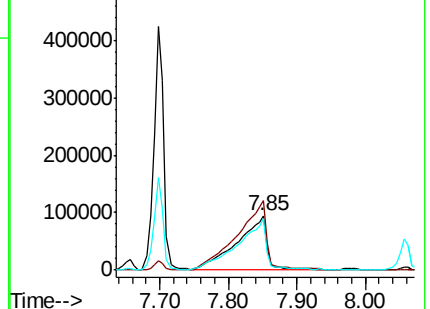
77 93.8 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





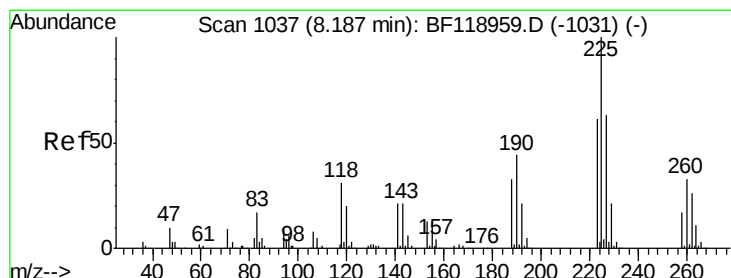
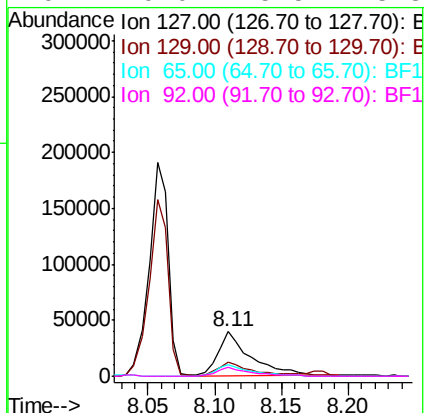
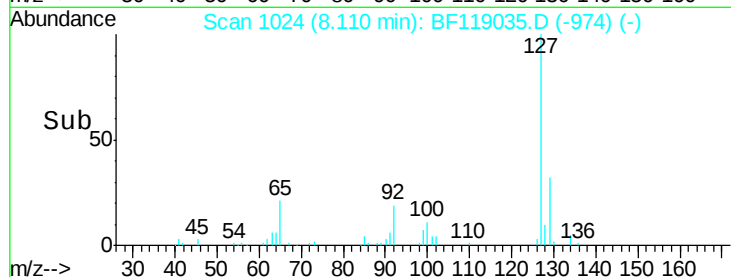
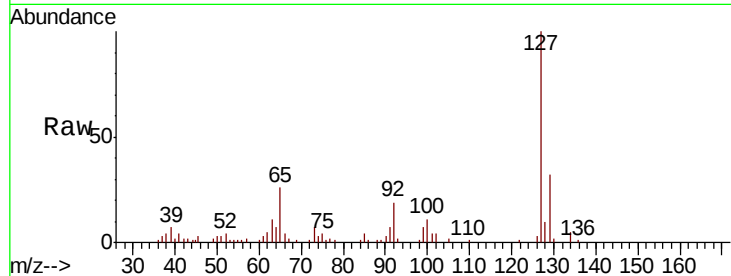
#33
4-Chloroaniline
Concen: 4.740 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67425		
129	32.0	26.2	39.2		
65	26.3	22.0	33.0		
92	19.0	15.5	23.3		

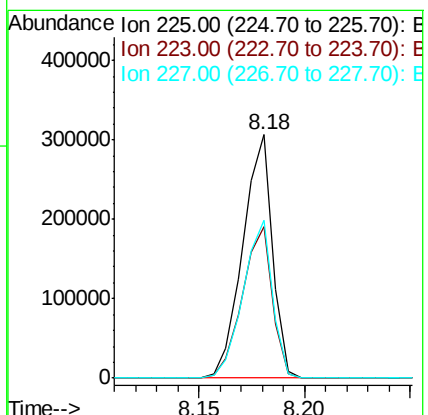
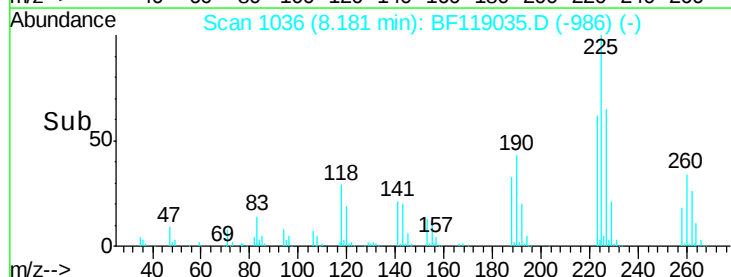
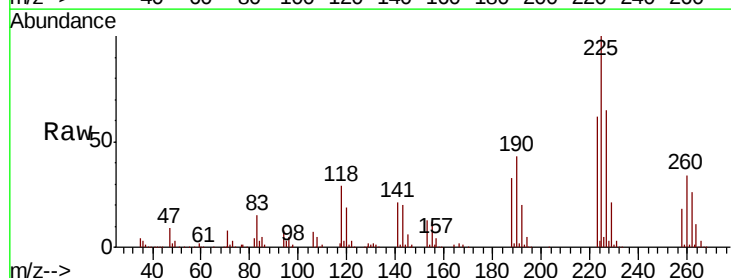
Manual Integrations
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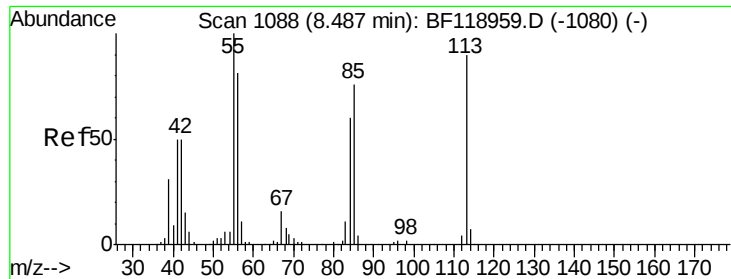
mohammad
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#34
Hexachlorobutadiene
Concen: 40.021 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		298856		
223	62.0	48.9	73.3		
227	64.8	50.4	75.6		





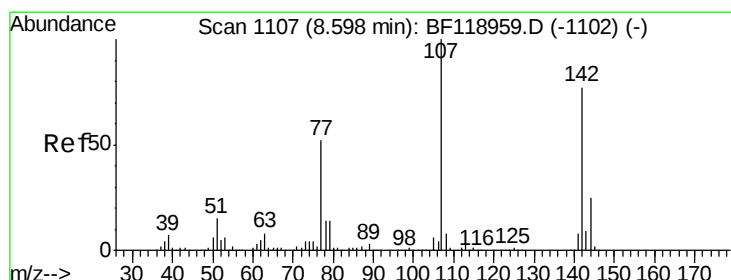
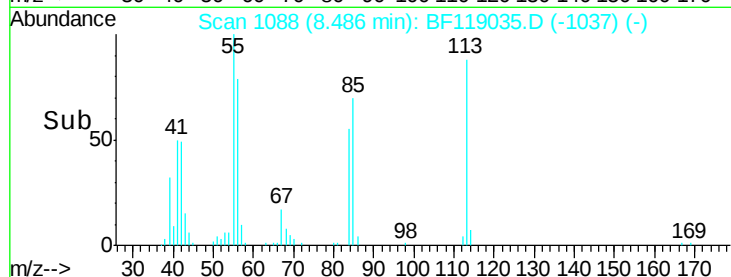
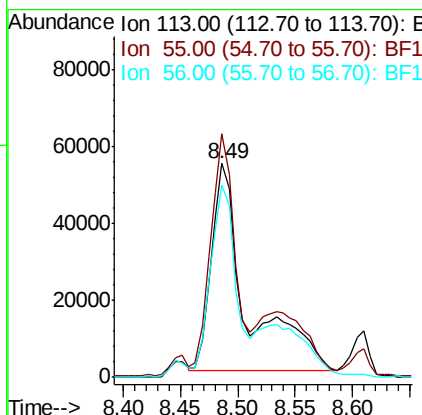
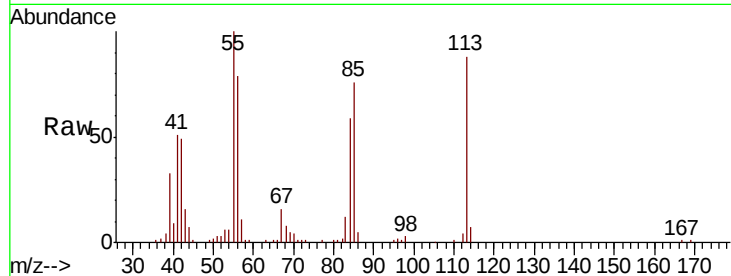
#35
 Caprolactam
 Concen: 37.431 ng m
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	113.9	90.8	130.8
56	89.9	70.0	110.0

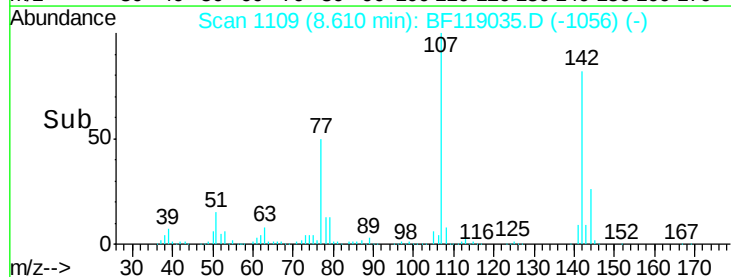
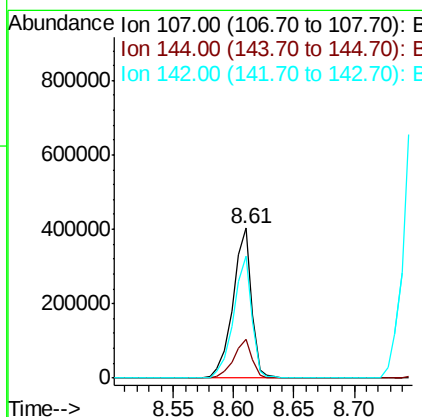
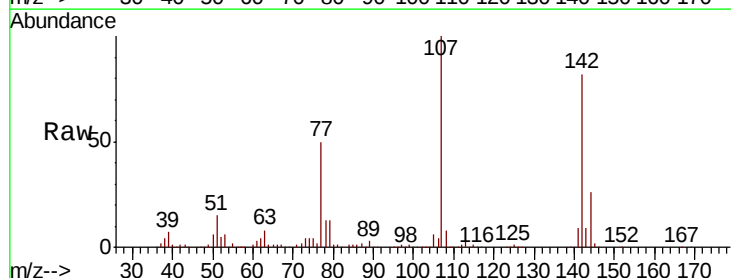
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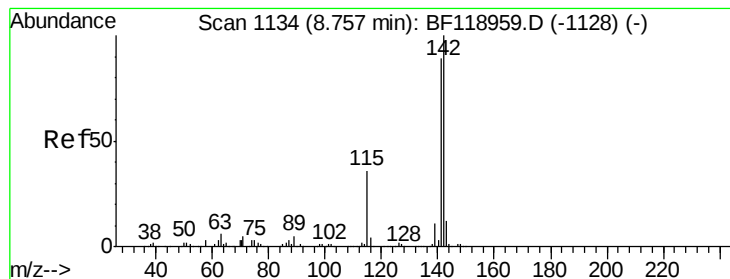
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.475 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.8	29.8
142	81.7	61.3	91.9





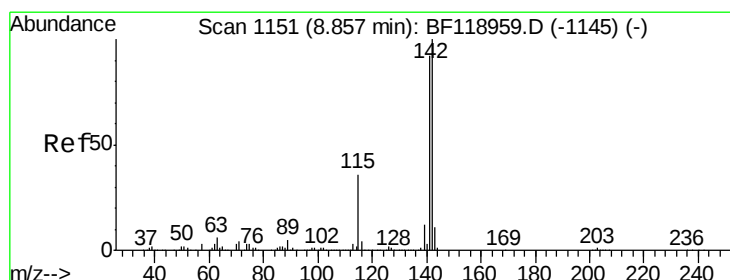
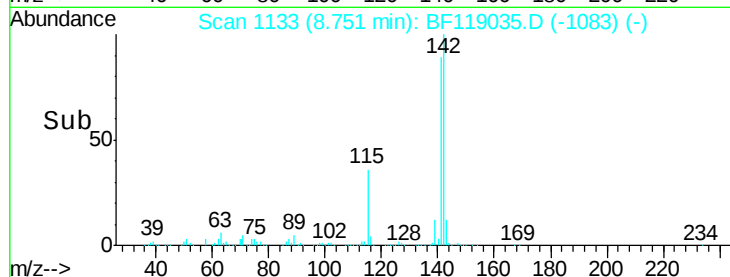
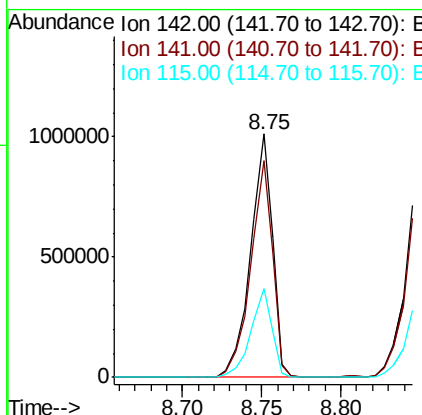
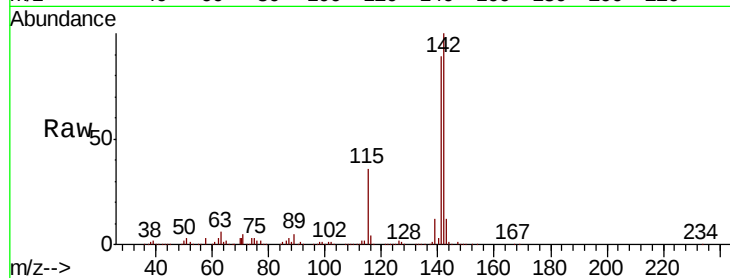
#37
2-Methylnaphthalene
Concen: 43.408 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	36.4	28.6	42.8

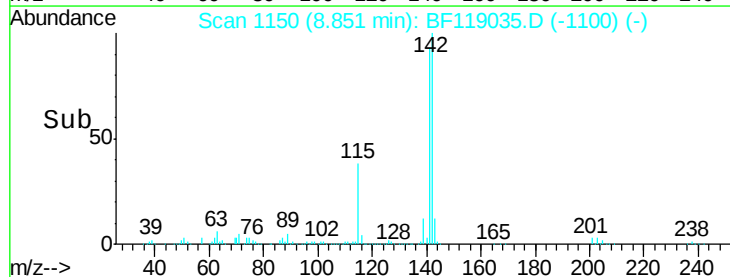
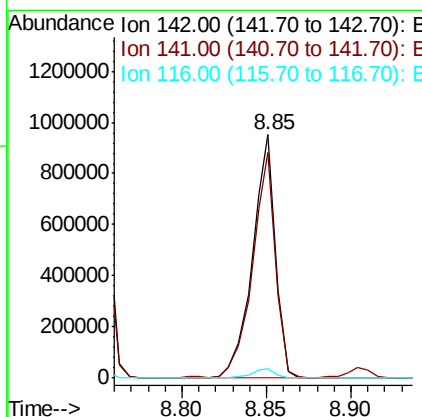
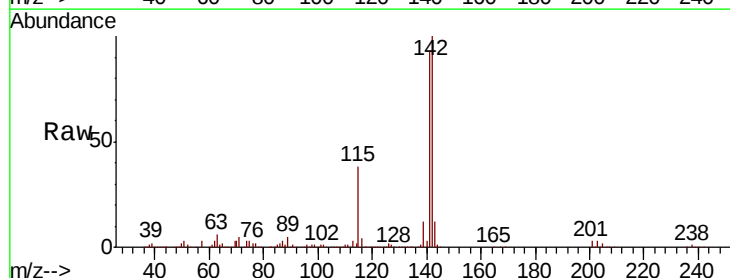
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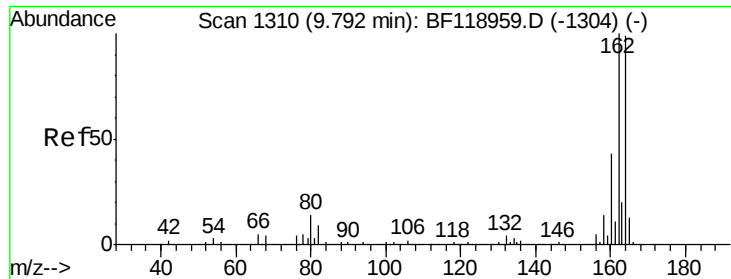
mohammad
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#38
1-Methylnaphthalene
Concen: 42.874 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	4.0	3.0	4.6





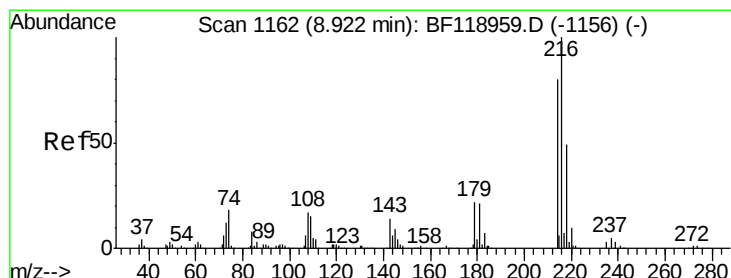
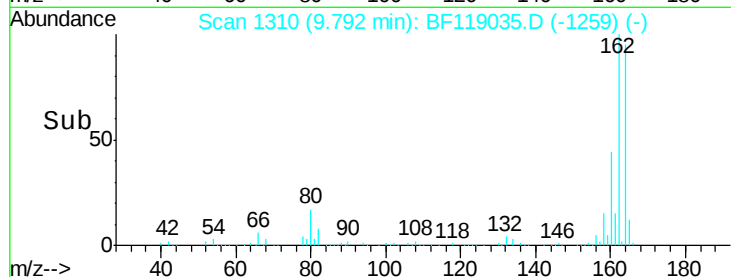
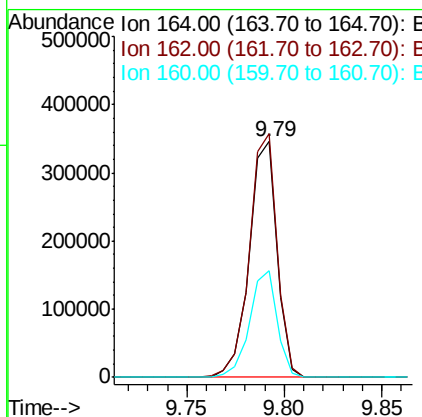
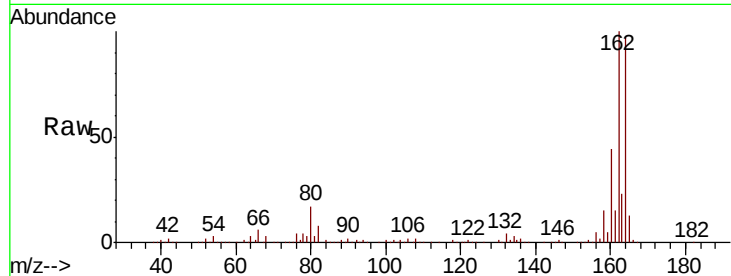
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.2	121.8
160	45.5	35.2	52.8

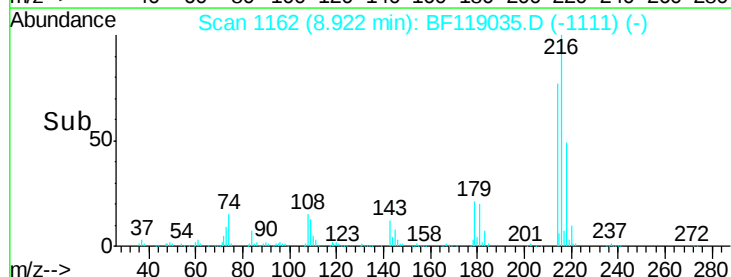
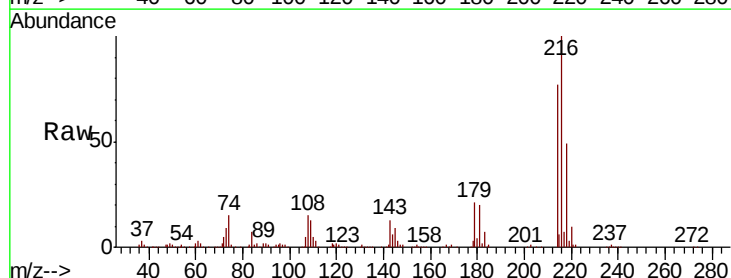
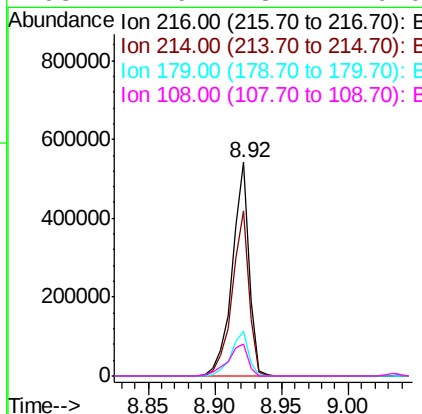
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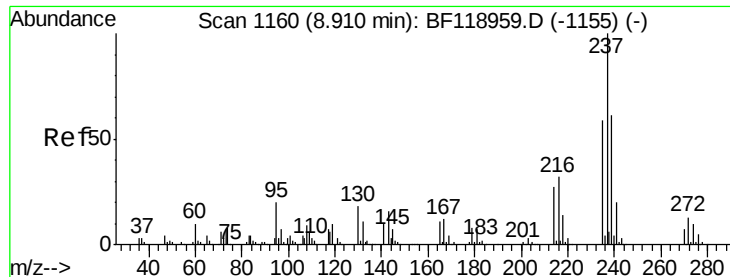
mohammad
2/25/2020 4:19:21 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.940 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.1	94.7
179	21.3	17.2	25.8
108	17.9	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 76.057 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

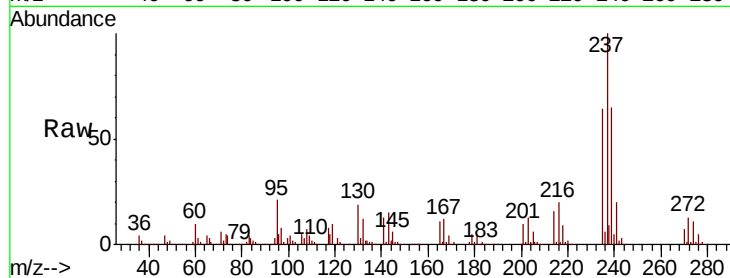
ClientSampleId :

DUNR-TS001-01MS

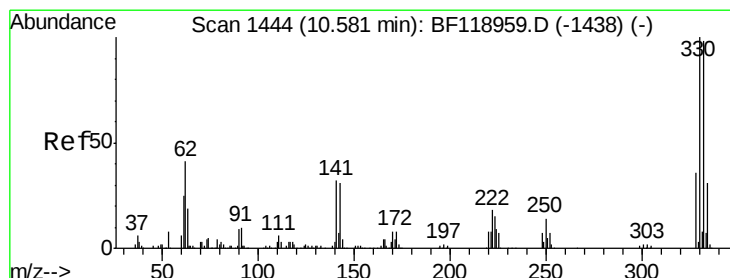
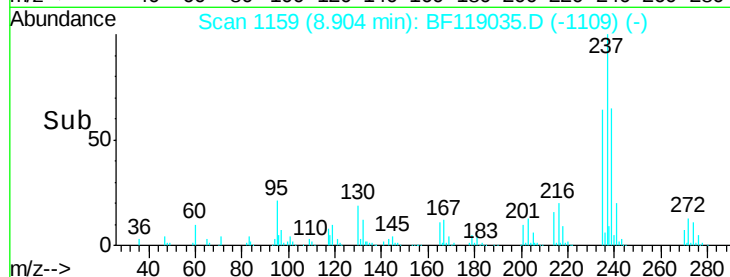
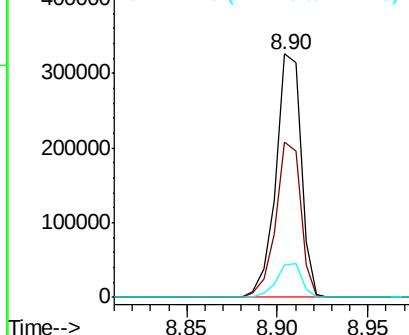
Tot Ion:	237	Resp:	316534
Ion Ratio	Lower	Upper	
237	100		
235	63.6	39.4	79.4
272	13.4	0.0	32.6

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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: 99.368 ng

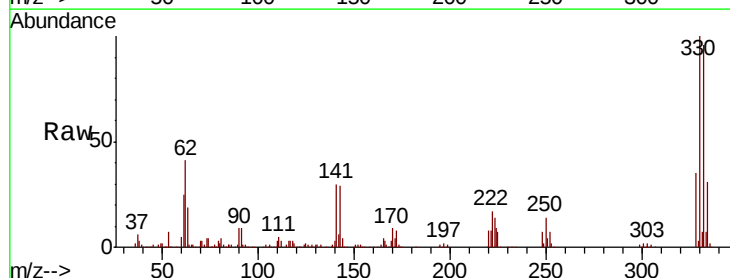
RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

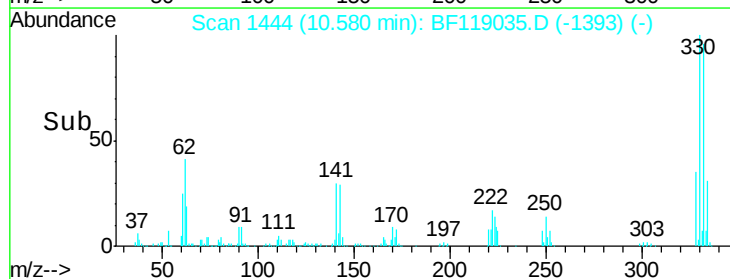
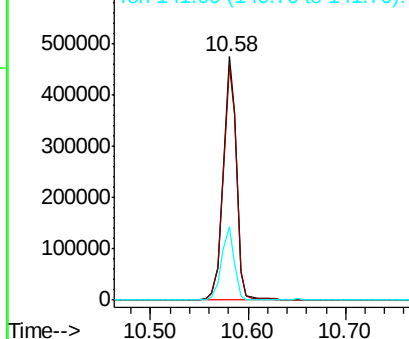
Lab File: BF119035.D

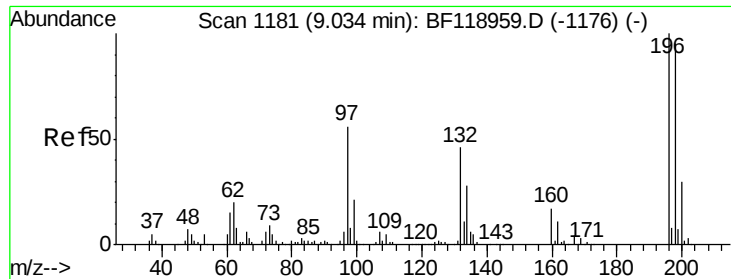
Acq: 24 Feb 2020 22:00

Tgt Ion:	330	Resp:	443878
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	29.2	23.0	34.6



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





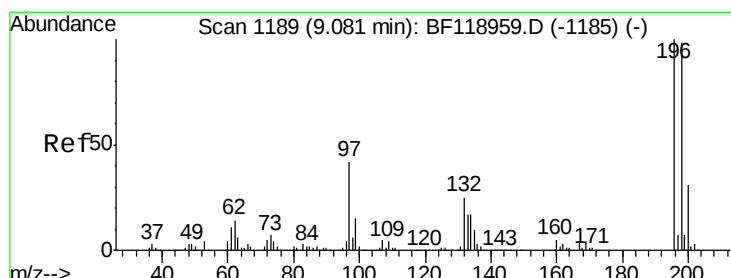
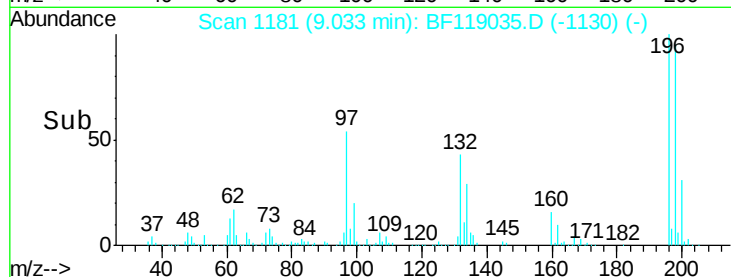
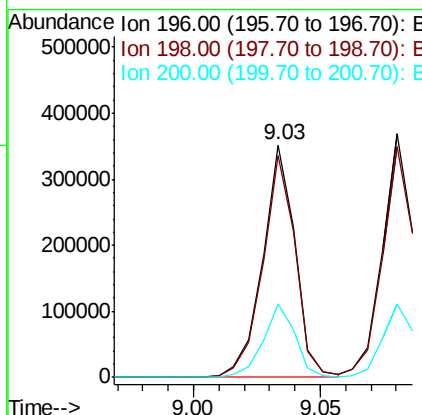
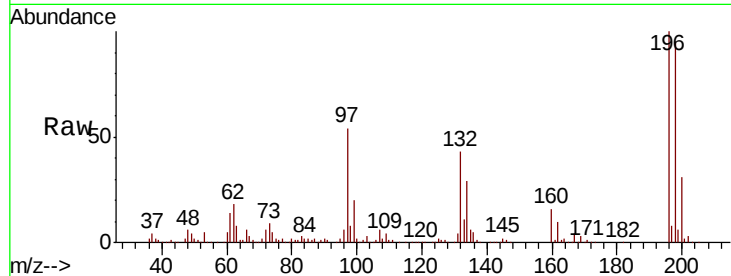
#43
 2,4,6-Trichlorophenol
 Concen: 43.447 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	315879		
198	95.4		75.8	113.6
200	31.3		24.1	36.1

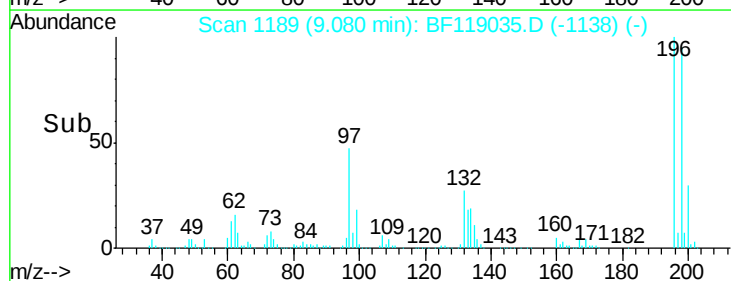
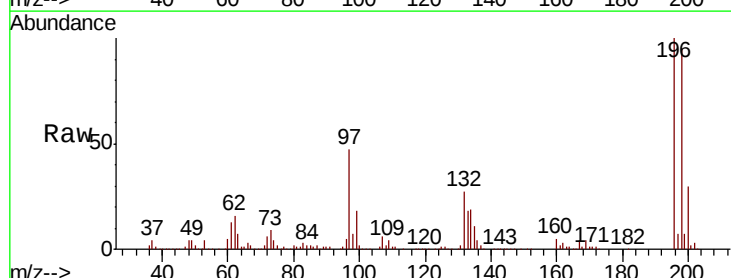
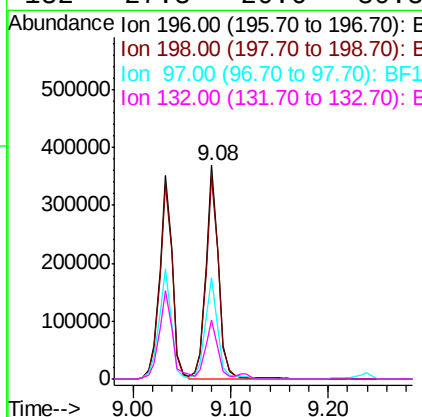
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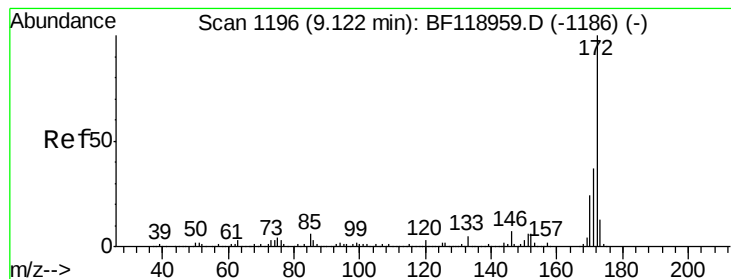
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.153 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329221		
198	94.8		78.4	117.6
97	47.1		33.4	50.0
132	27.3		20.6	30.8





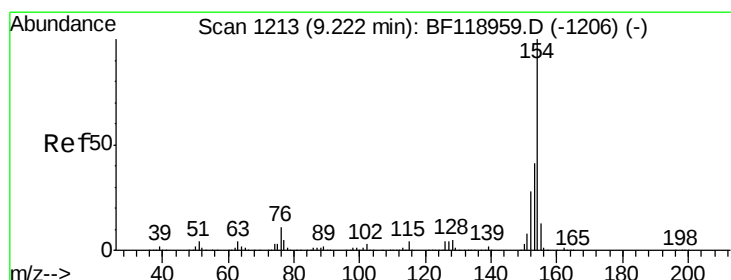
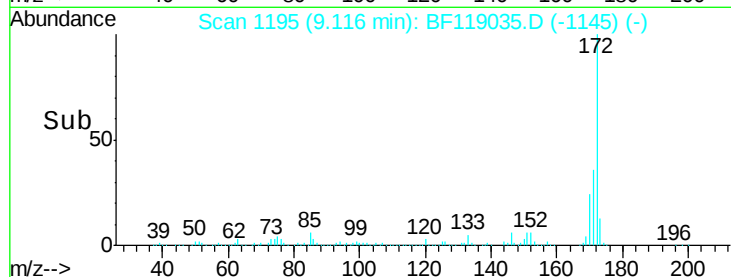
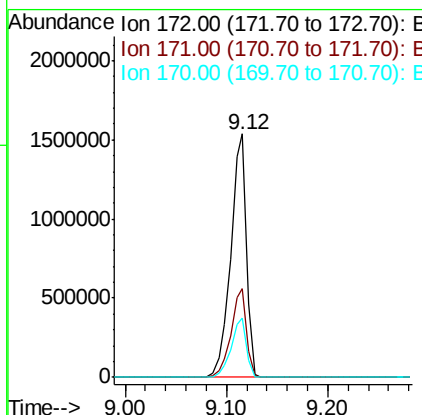
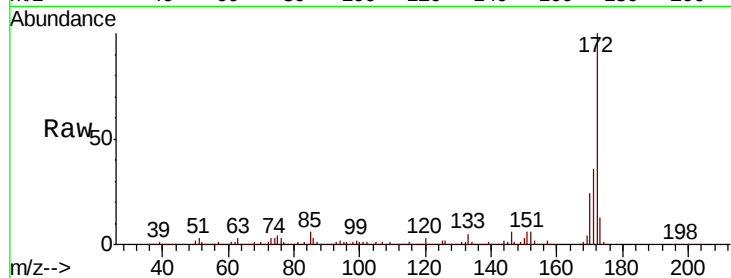
#45
2-Fluorobiphenyl
Concen: 70.776 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.2	19.6	29.4

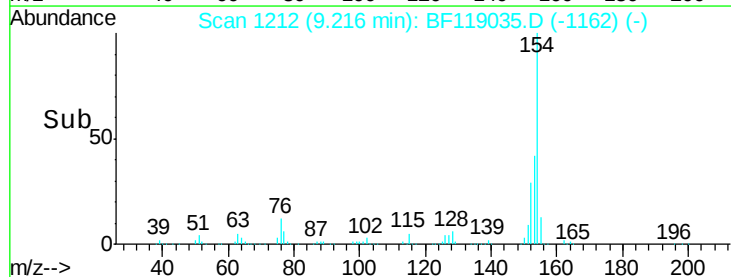
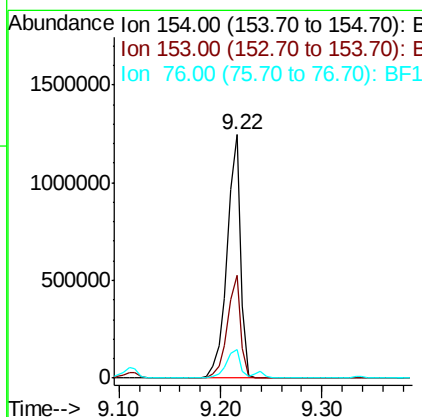
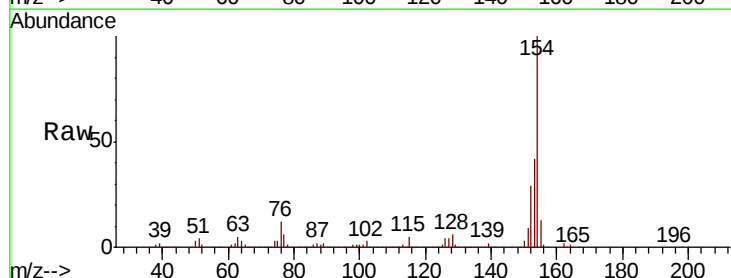
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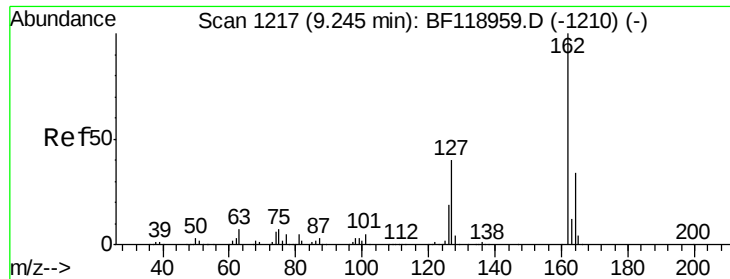
mohammad
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#46
1,1'-Biphenyl
Concen: 41.597 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	11.8	0.0	31.1





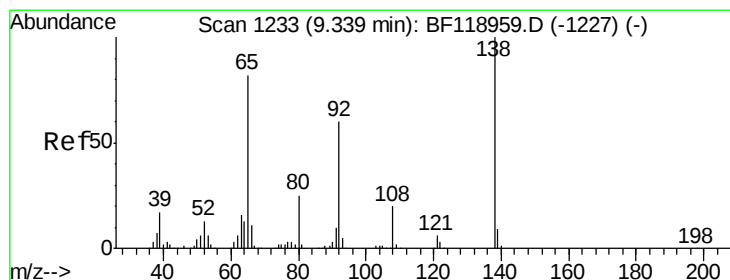
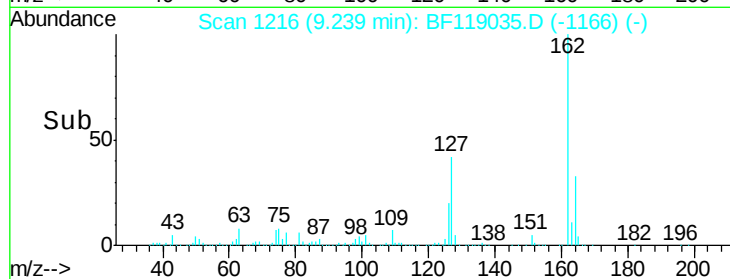
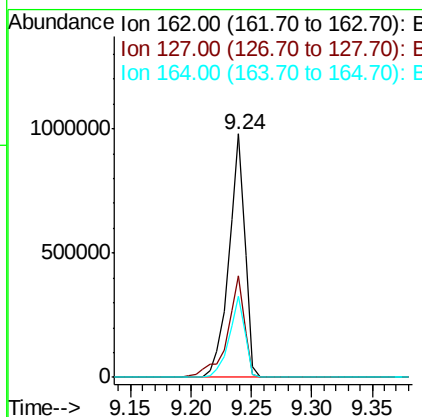
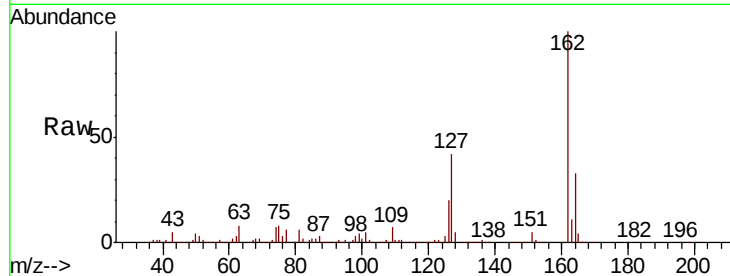
#47
2-Chloronaphthalene
Concen: 40.656 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	904173		
127	41.8	31.9	47.9	
164	33.3	26.8	40.2	

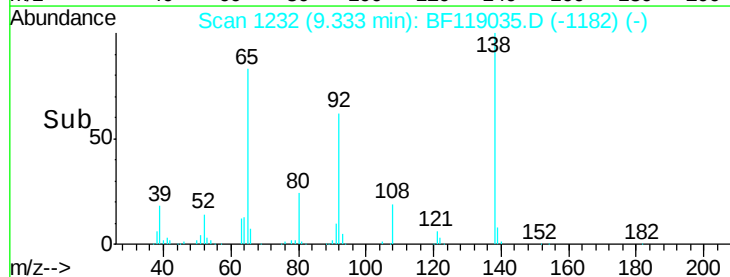
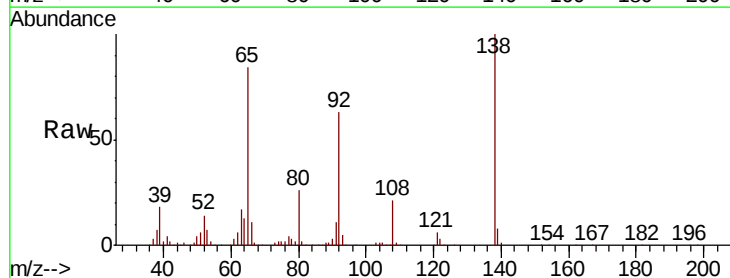
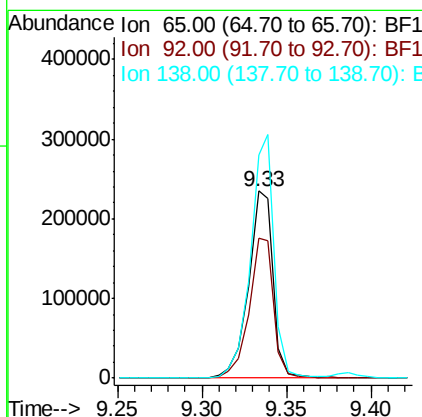
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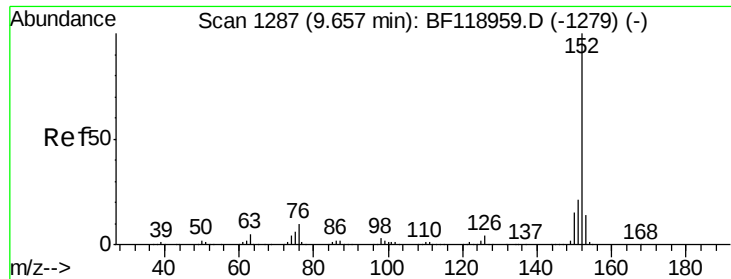
mohammad
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#48
2-Nitroaniline
Concen: 38.616 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	239538		
92	74.7	58.6	87.8	
138	119.3	97.5	146.3	





#49

Acenaphthylene

Concen: 43.493 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:152 Resp: 1397042

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

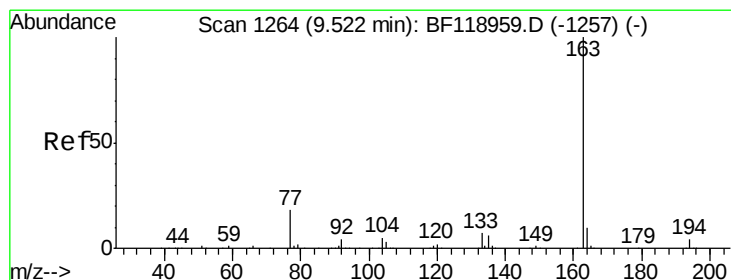
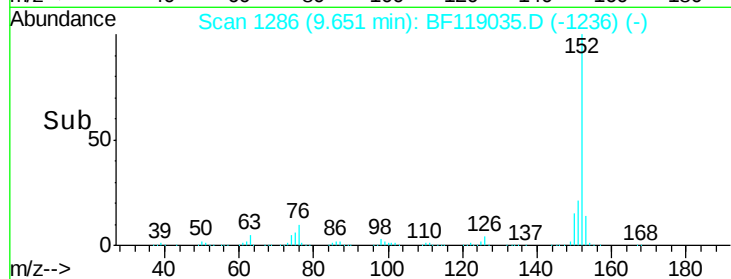
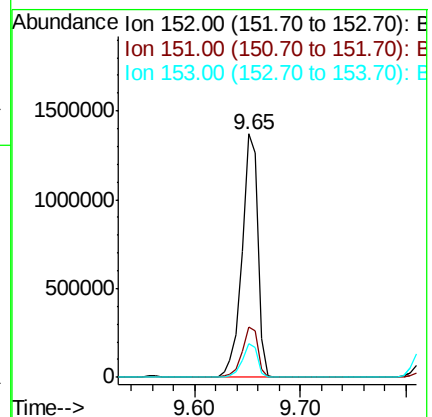
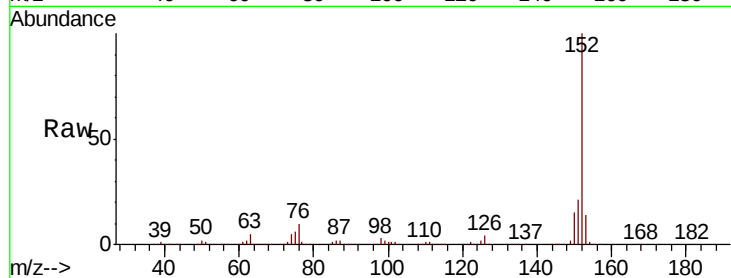
153 14.0 10.9 16.3

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#50

Dimethylphthalate

Concen: 46.863 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

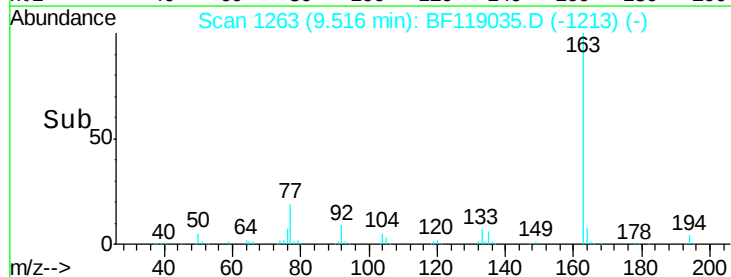
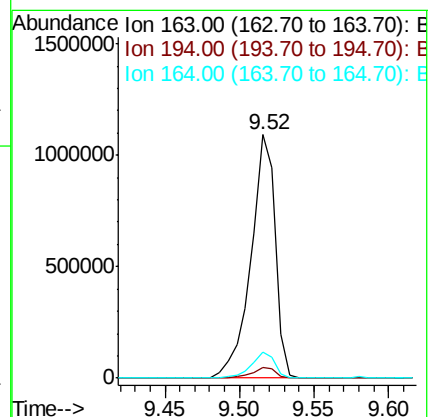
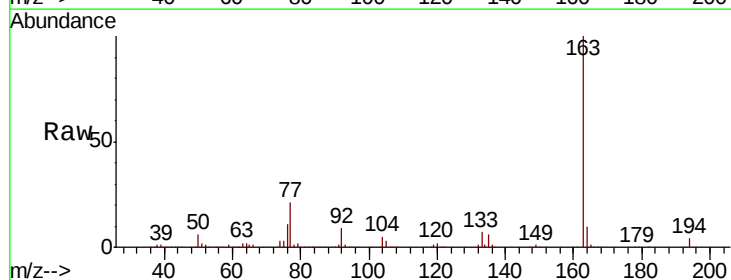
Tgt Ion:163 Resp: 1223671

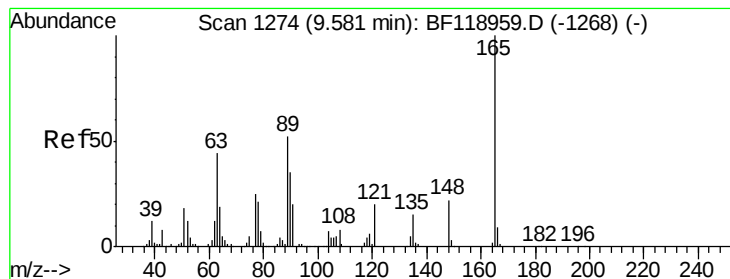
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.469 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

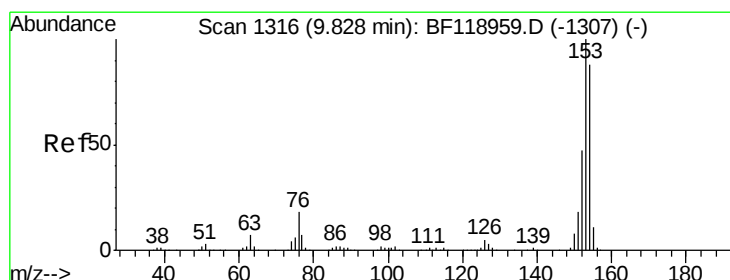
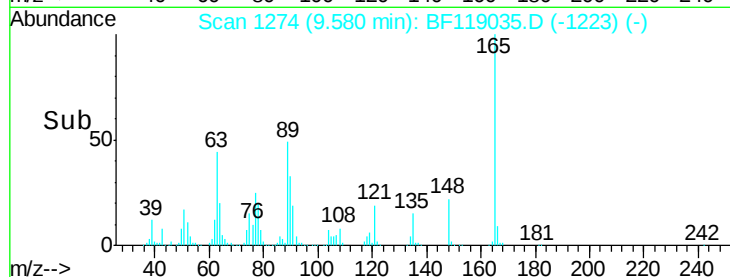
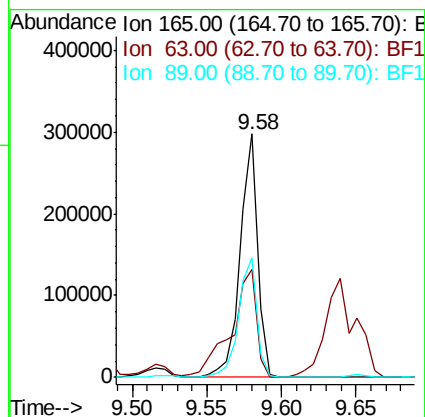
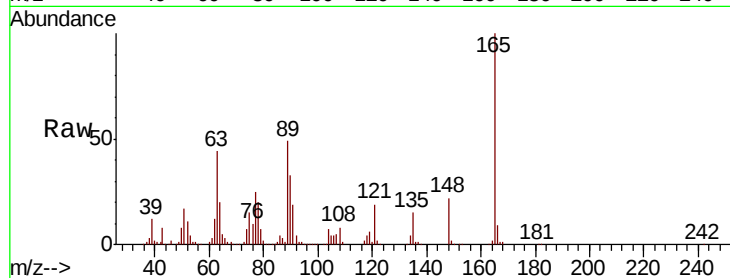
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	165	Resp:	246374
Ion Ratio	Lower	Upper	
165	100		
63	44.2	37.9	56.9
89	49.1	41.4	62.0

Manual Integrations
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#52

Acenaphthene

Concen: 41.985 ng

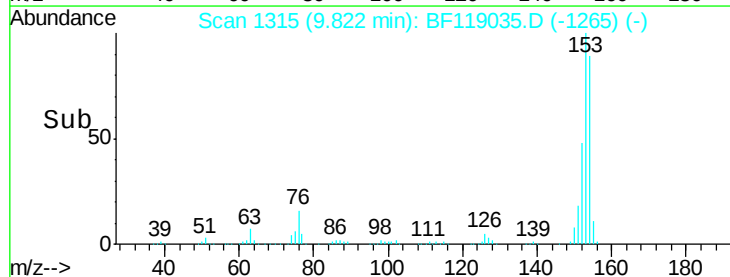
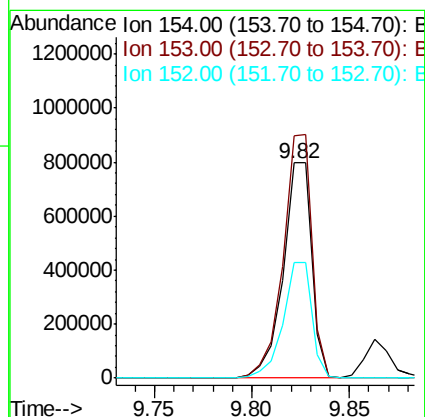
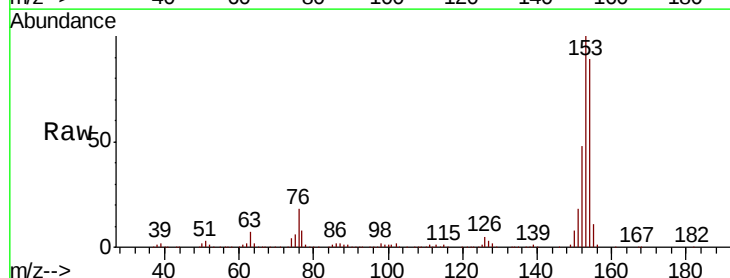
RT: 9.82 min Scan# 1315

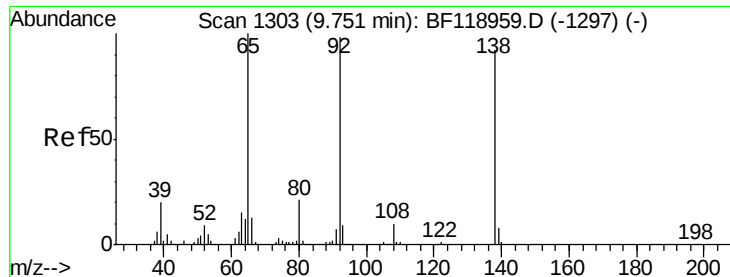
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	154	Resp:	813169
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.4	135.6
152	53.9	42.9	64.3





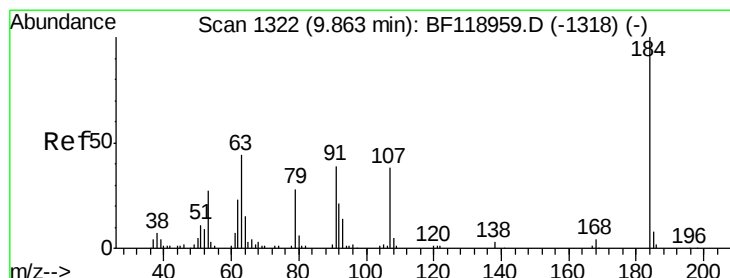
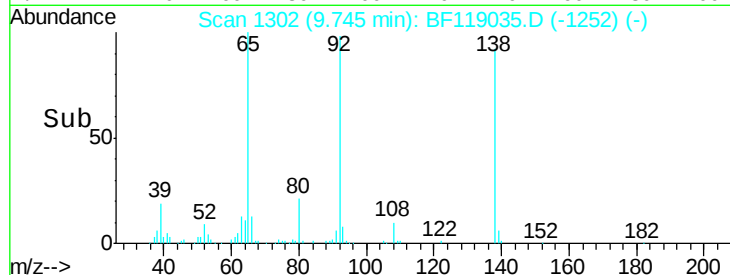
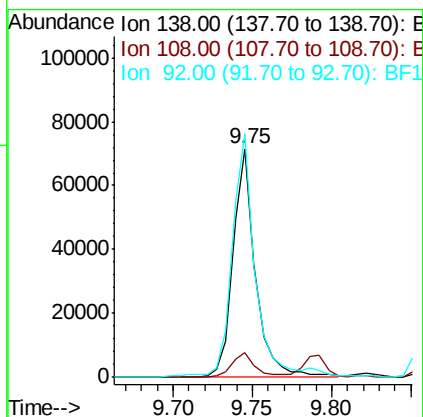
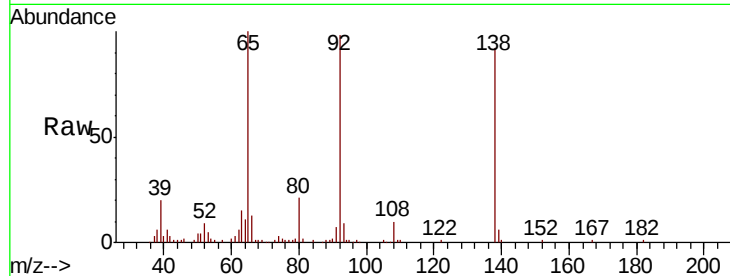
#53
3-Nitroaniline
Concen: 10.948 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	106.5	84.6	127.0

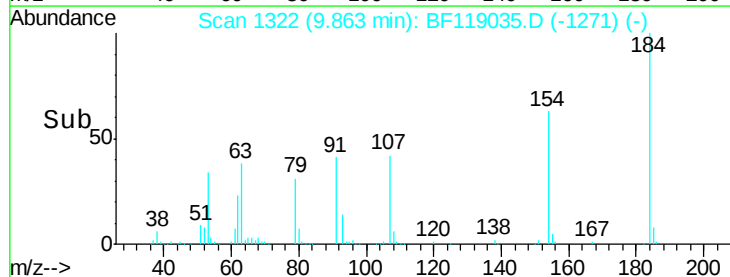
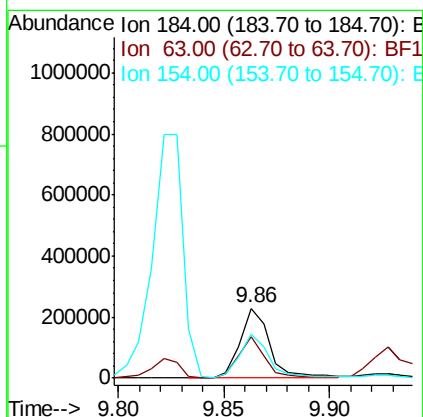
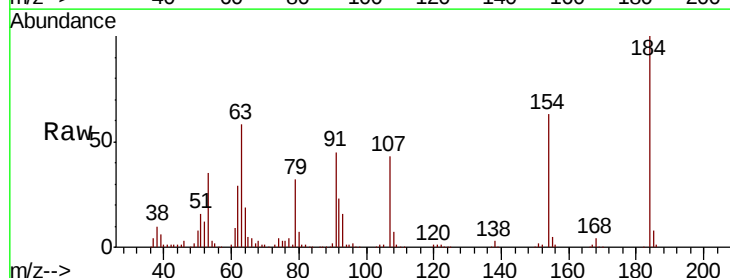
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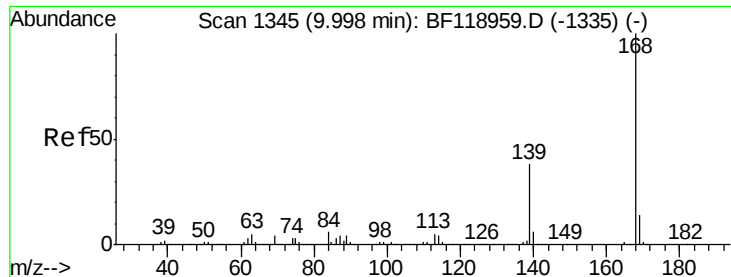
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.814 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	37.8	56.6#
154	63.4	47.6	71.4





#55

Dibenzofuran

Concen: 42.466 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:168 Resp: 1227641

Ion Ratio Lower Upper

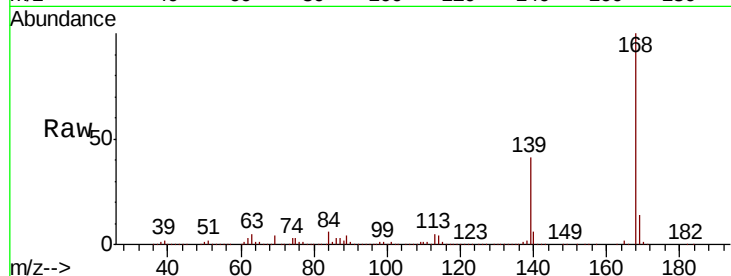
168 100

139 40.5 31.7 47.5

169 13.5 11.0 16.4

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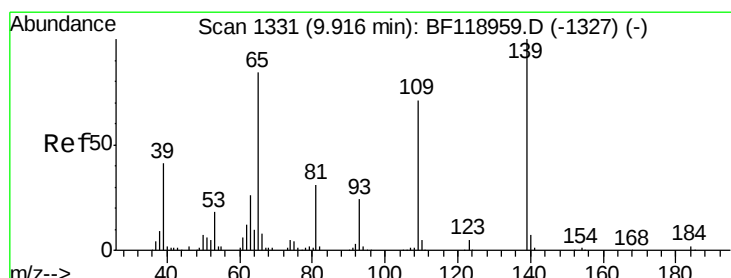
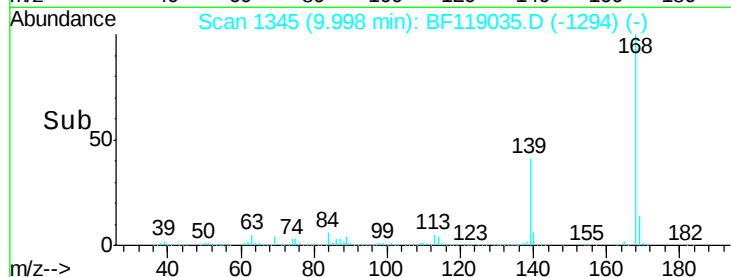
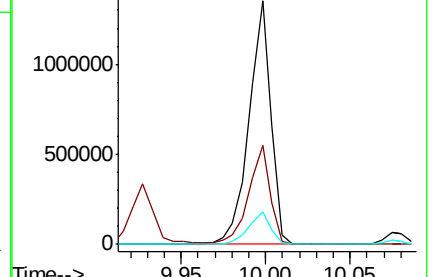
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.787 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

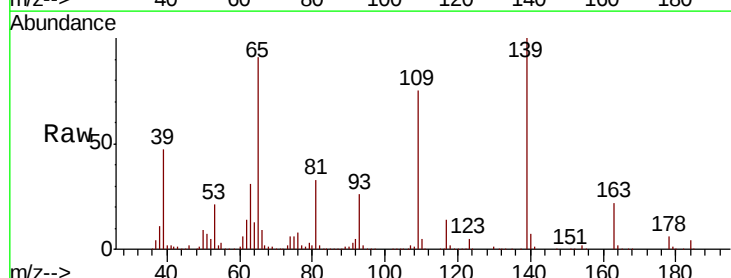
Tgt Ion:139 Resp: 319898

Ion Ratio Lower Upper

139 100

109 75.2 51.1 91.1

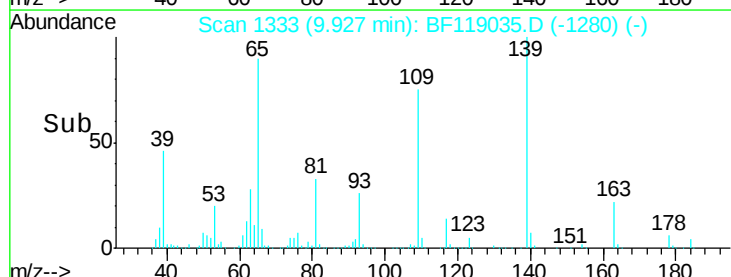
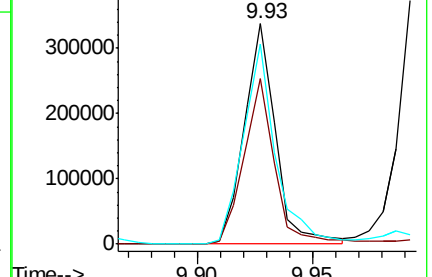
65 90.7 64.7 104.7

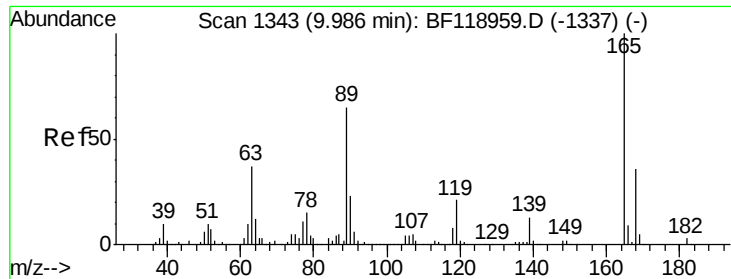


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





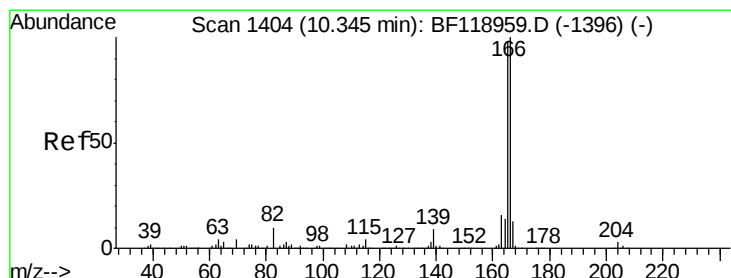
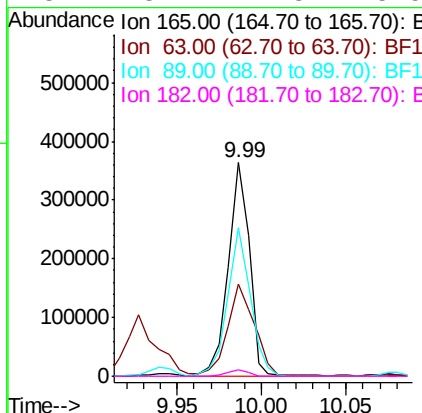
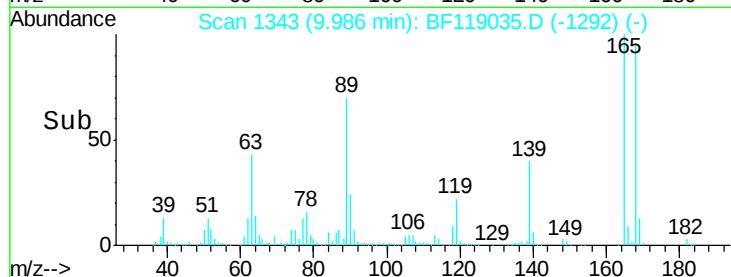
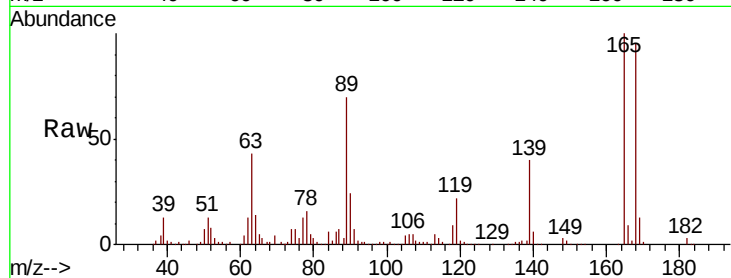
#57
2,4-Dinitrotoluene
Concen: 41.726 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		313761		
63	43.3	29.8	44.8		
89	69.8	51.9	77.9		
182	3.2	2.3	3.5		

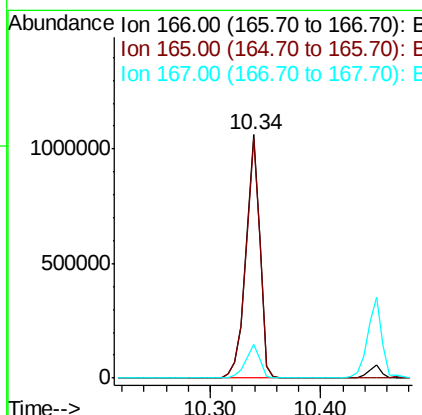
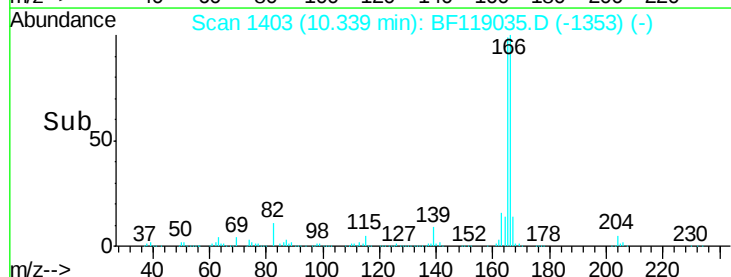
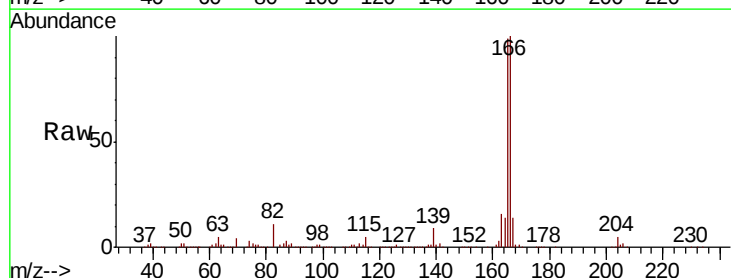
Manual Integrations
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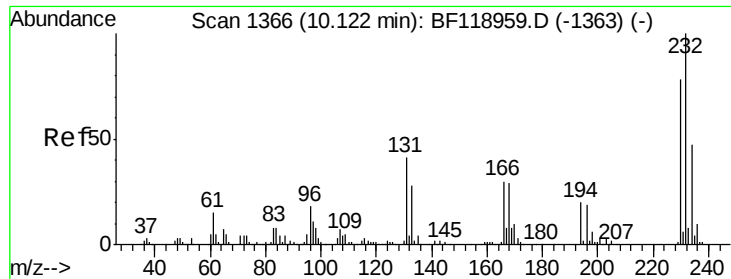
mohammad
2/25/2020 4:19:21 PM



#58
Fluorene
Concen: 42.387 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		952169		
165	98.6	78.2	117.4		
167	13.8	10.6	16.0		





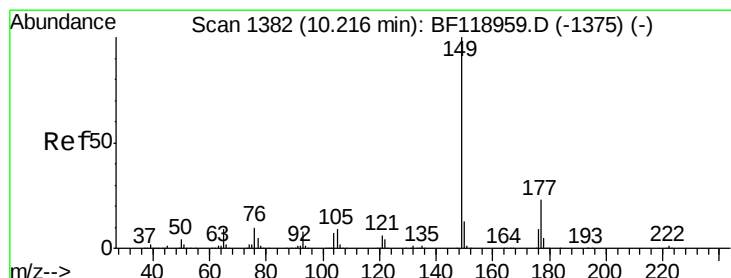
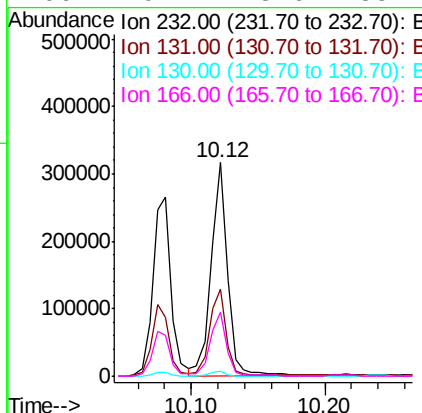
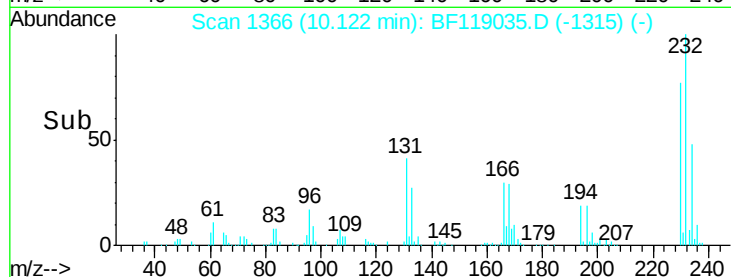
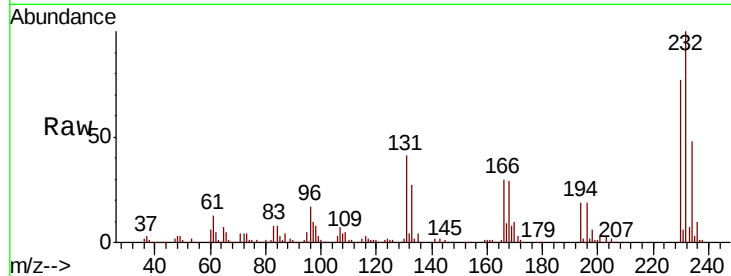
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.683 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.0	51.0
130	2.2	1.6	2.4
166	29.7	23.6	35.4

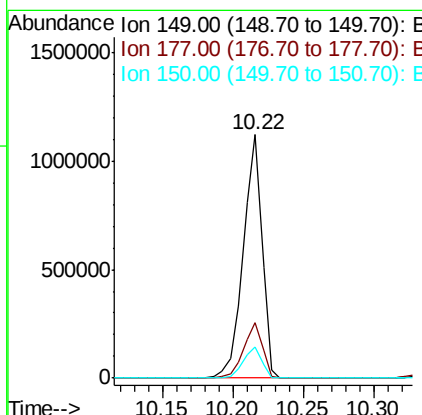
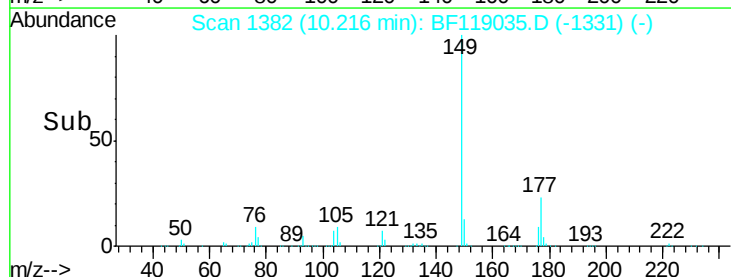
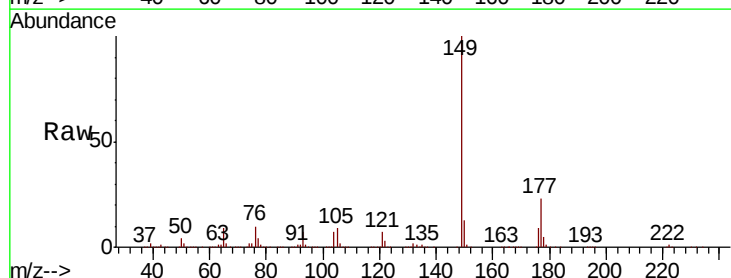
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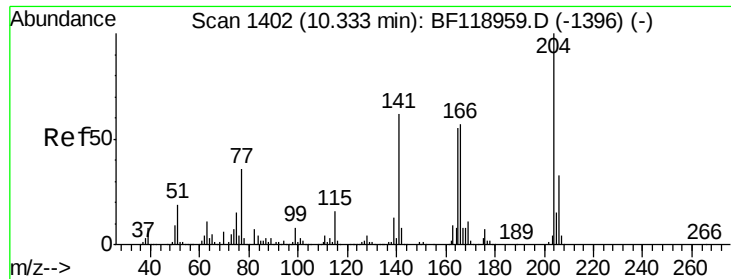
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#60
 Diethylphthalate
 Concen: 42.375 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.6	10.4	15.6





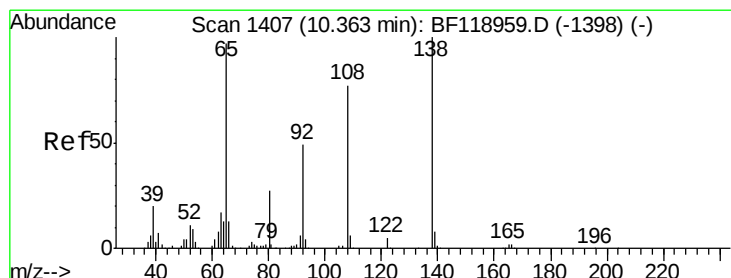
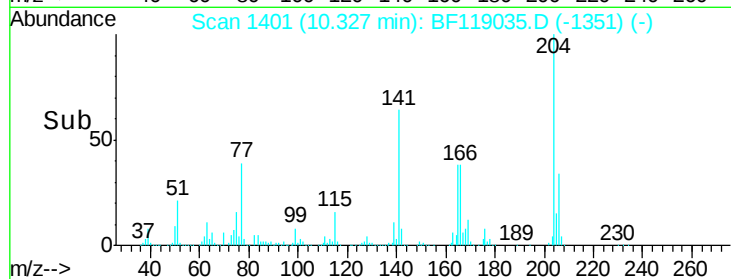
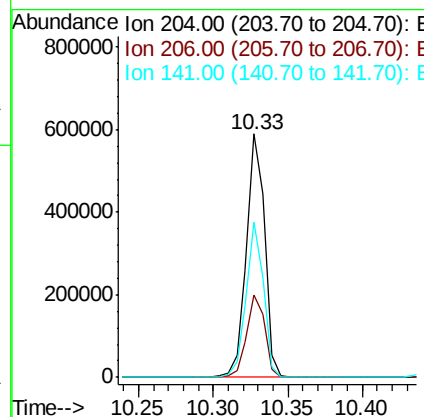
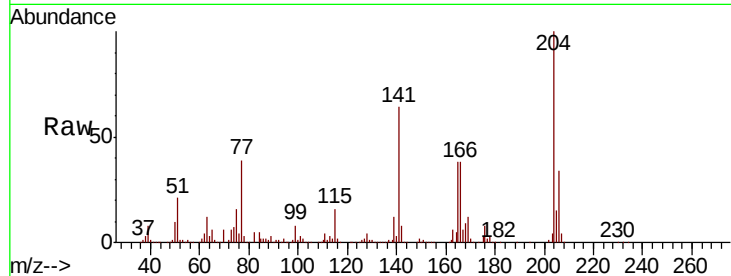
#61
4-Chlorophenyl-phenylether
Concen: 42.284 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion:	204	Resp:	502777
Ion Ratio		Lower	Upper
204	100		
206	33.7	26.5	39.7
141	63.7	49.5	74.3

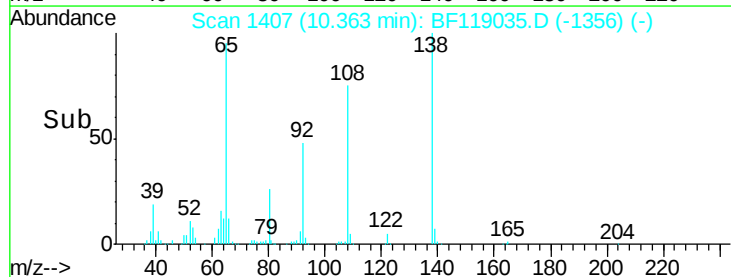
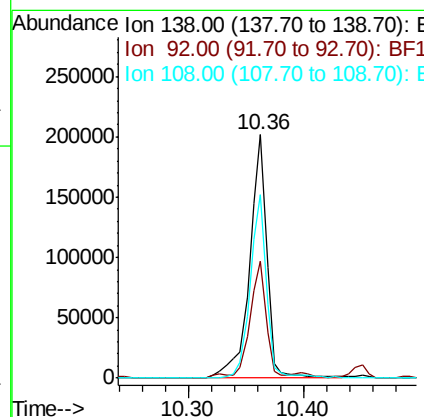
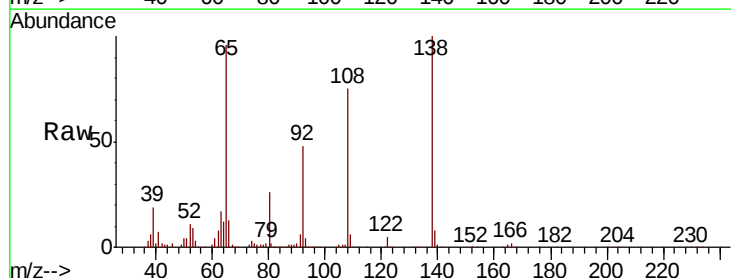
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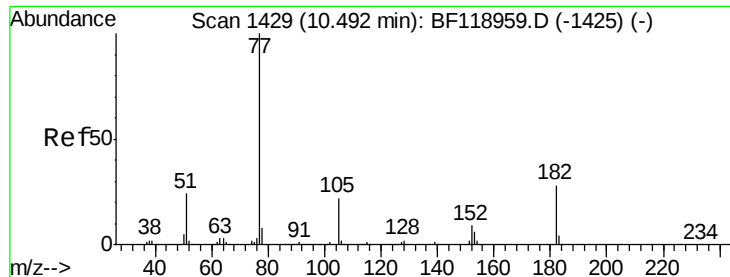
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#62
4-Nitroaniline
Concen: 31.925 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:	138	Resp:	210064
Ion Ratio		Lower	Upper
138	100		
92	48.2	28.7	68.7
108	75.4	56.8	96.8





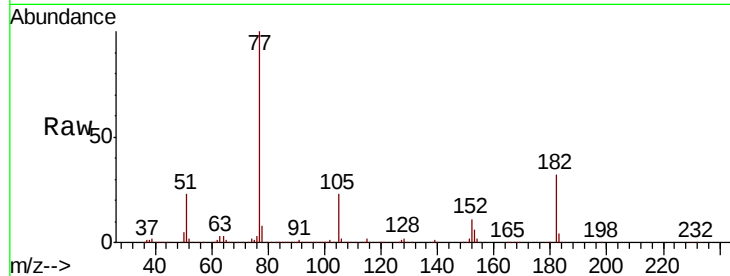
#63
Azobenzene
Concen: 42.939 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

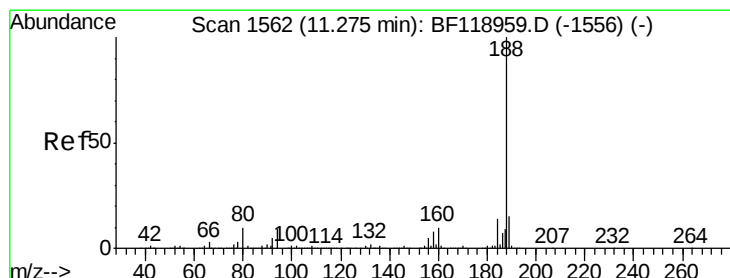
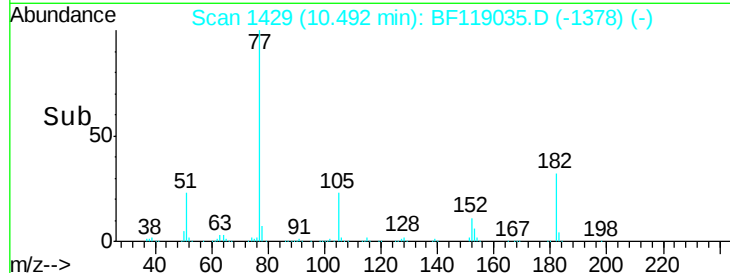
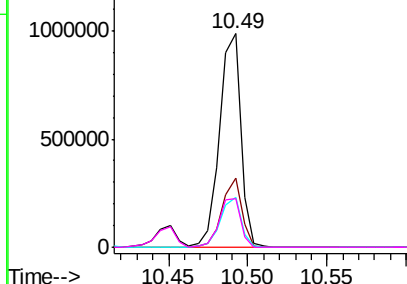
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.2	8.2	48.2	
105	23.1	2.3	42.3	
51	23.0	3.6	43.6	

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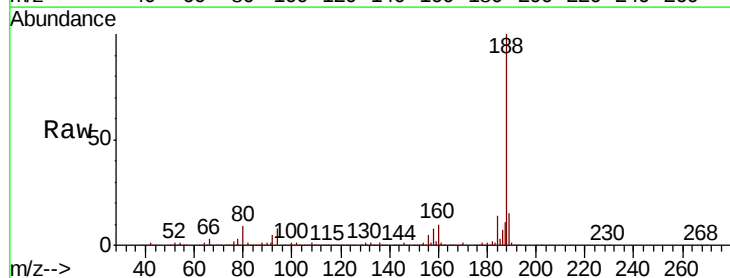


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

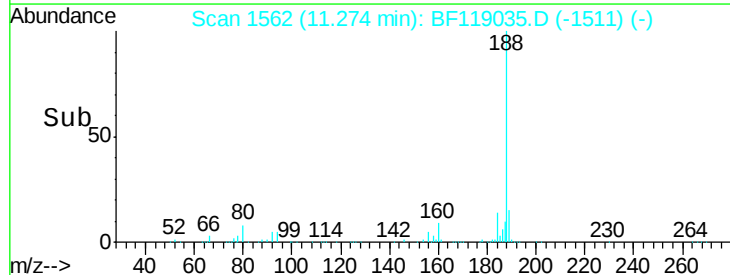
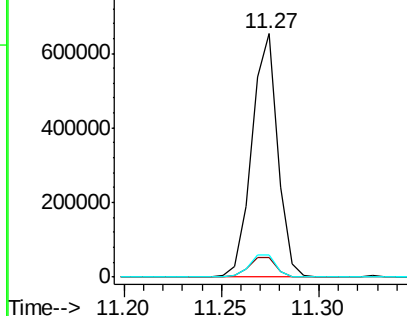


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.0	10.6	
80	8.9	7.9	11.9	



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





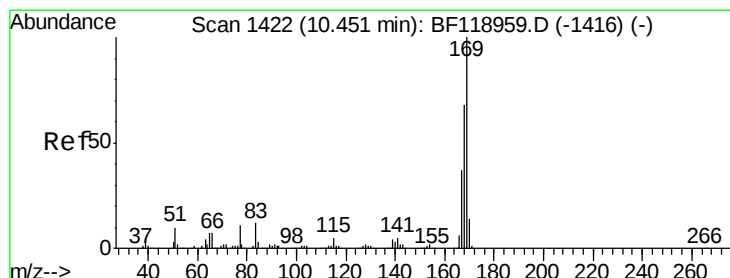
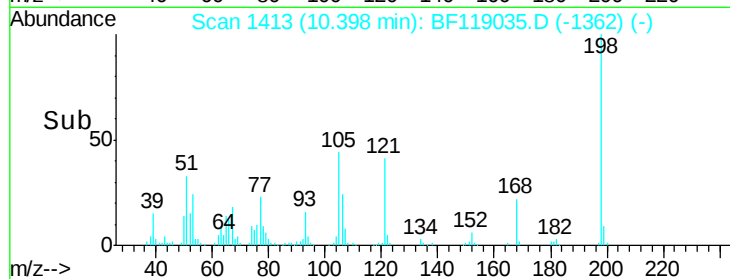
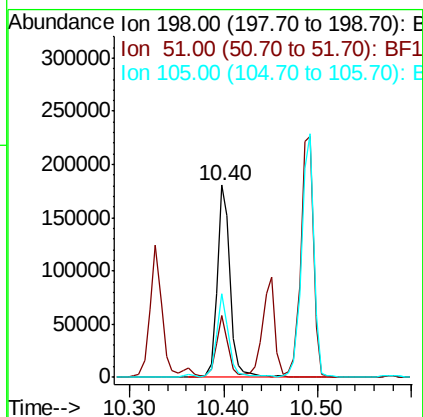
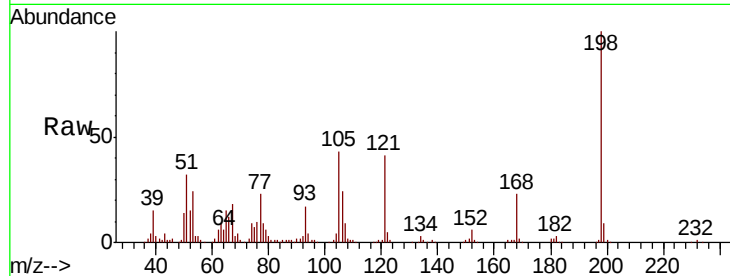
#65
4,6-Dinitro-2-methylphenol
Concen: 48.314 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.5	7.1	47.1
105	43.5	18.3	58.3

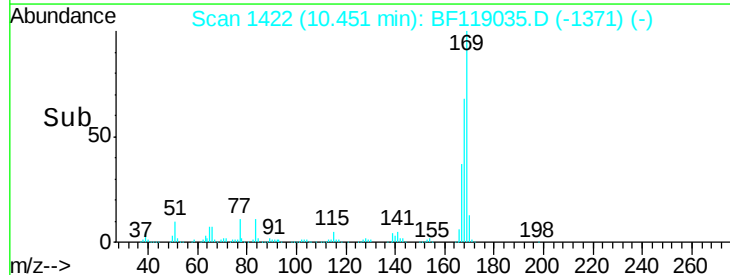
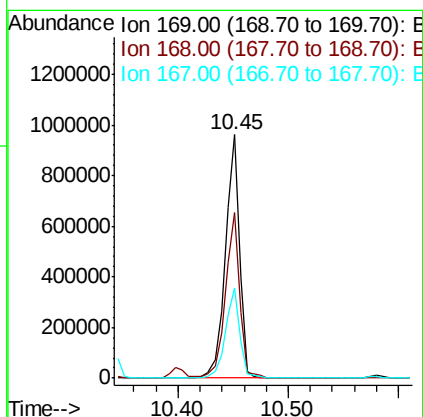
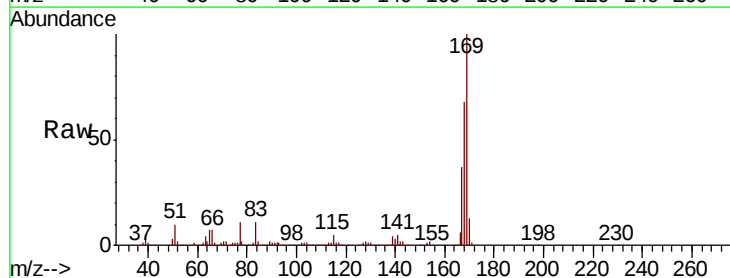
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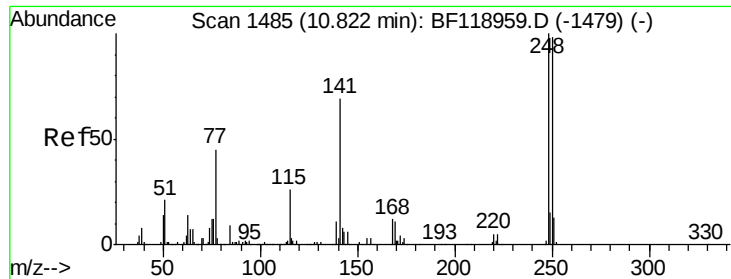
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#66
n-Nitrosodiphenylamine
Concen: 44.055 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.2
167	36.9	29.4	44.2





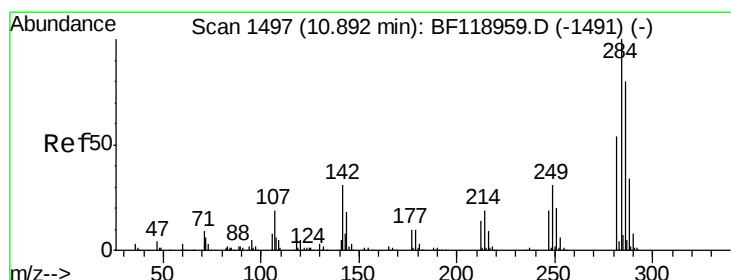
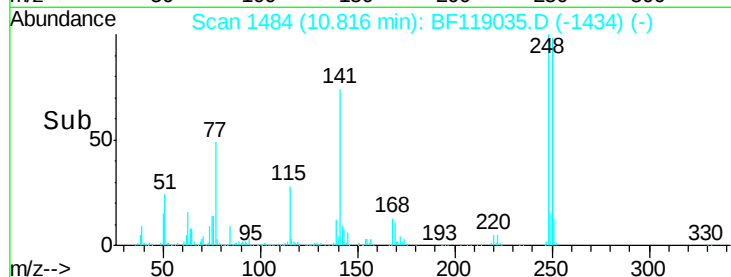
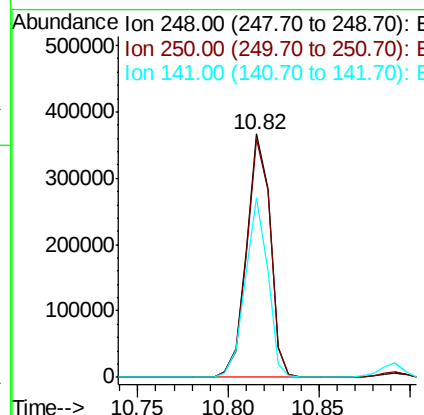
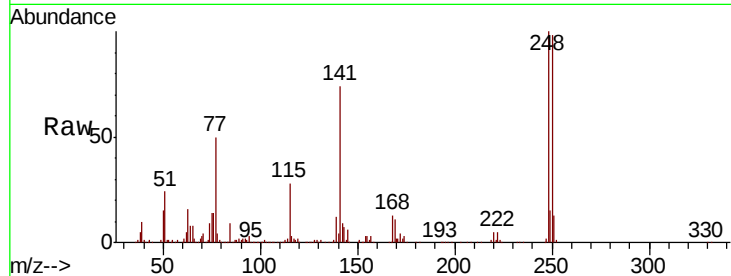
#67
4-Bromophenyl-phenylether
Concen: 42.677 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.8	118.2
141	73.9	55.3	82.9

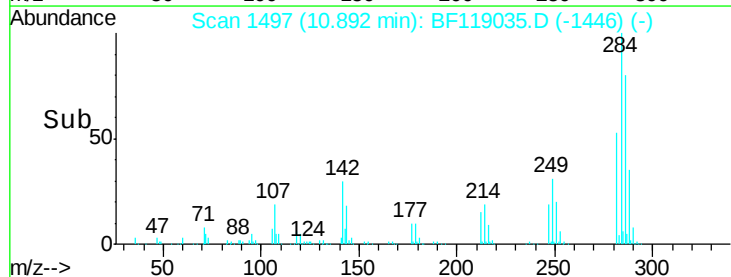
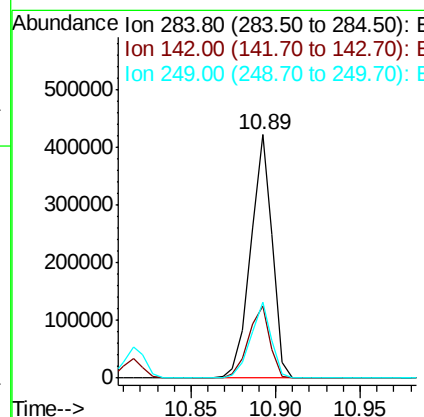
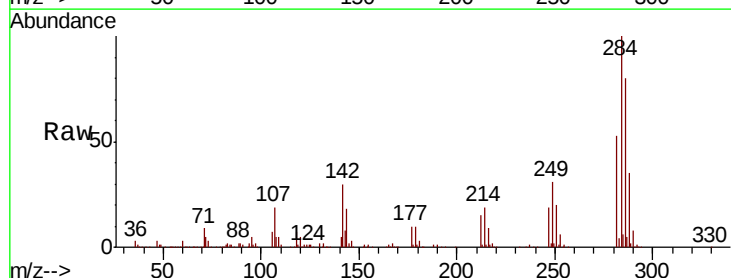
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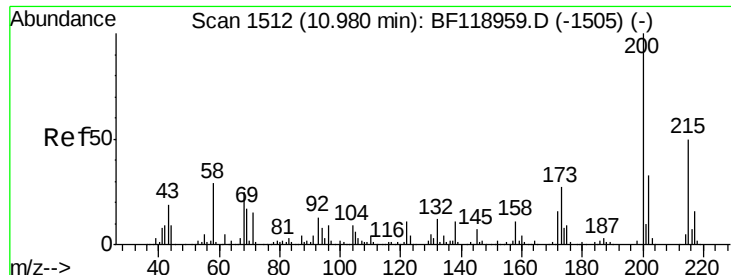
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#68
Hexachlorobenzene
Concen: 41.614 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.0	37.6
249	31.3	25.0	37.4





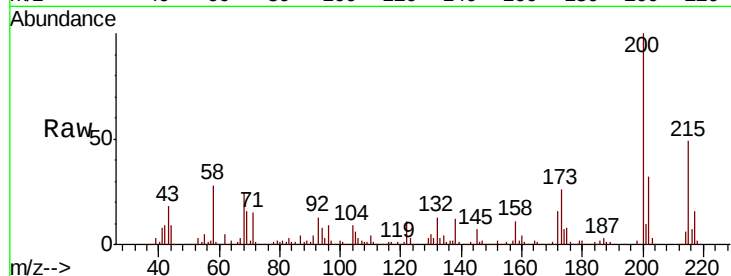
#69
Atrazine
Concen: 43.332 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

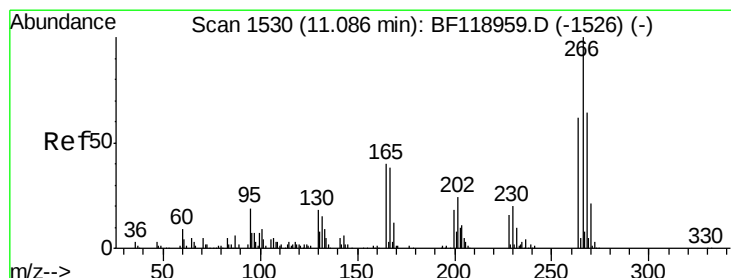
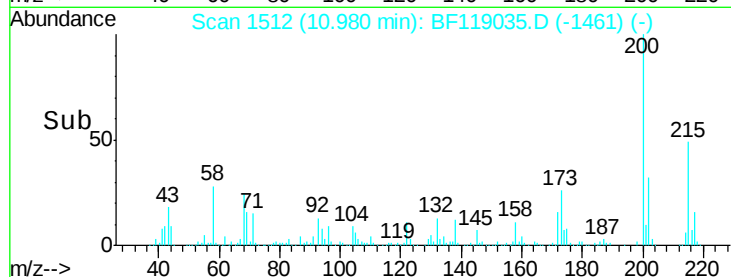
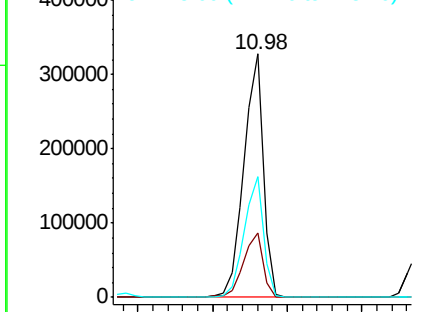
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.9	46.9
215	49.4	29.7	69.7

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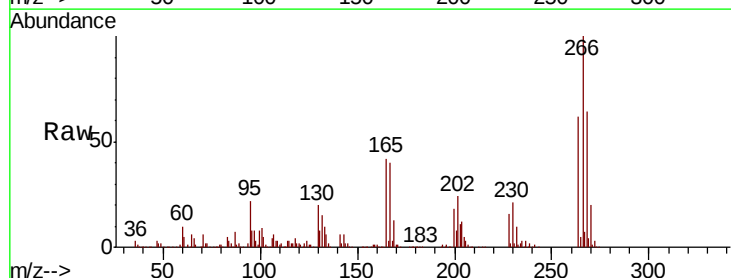


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

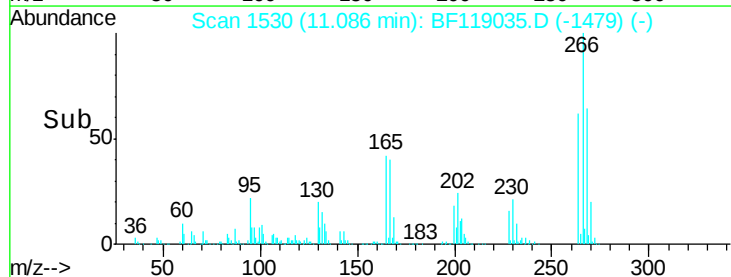
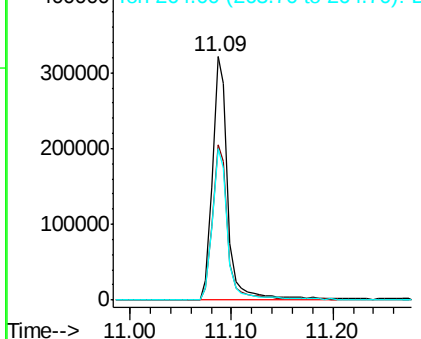


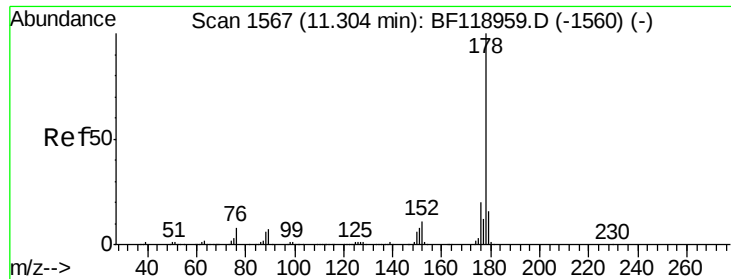
#70
Pentachlorophenol
Concen: 94.329 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.0
264	62.4	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.332 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:178 Resp: 1382126

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

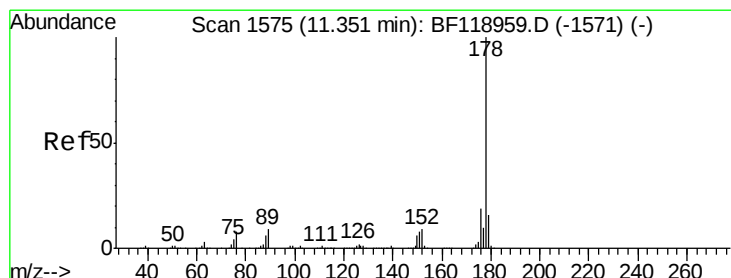
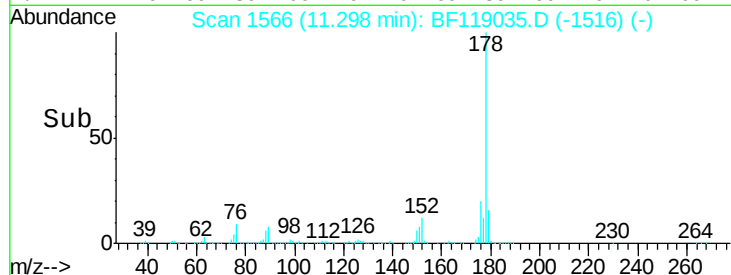
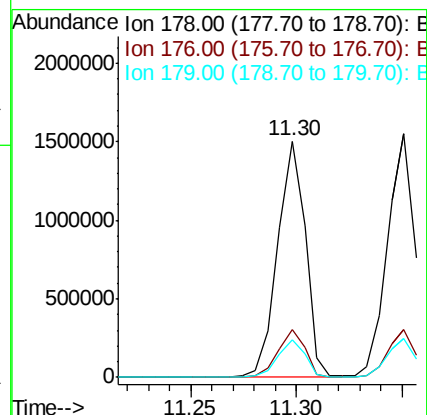
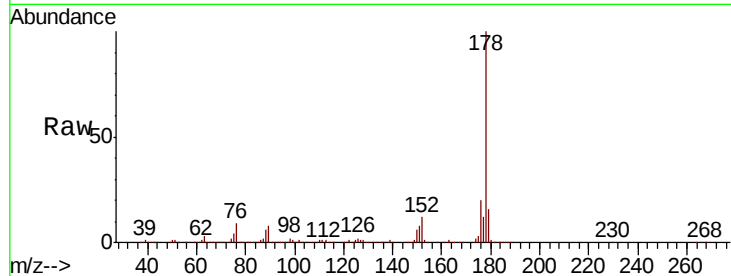
179 16.1 12.6 18.8

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#72

Anthracene

Concen: 43.416 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

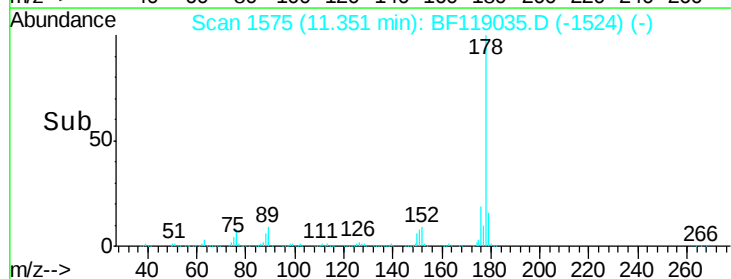
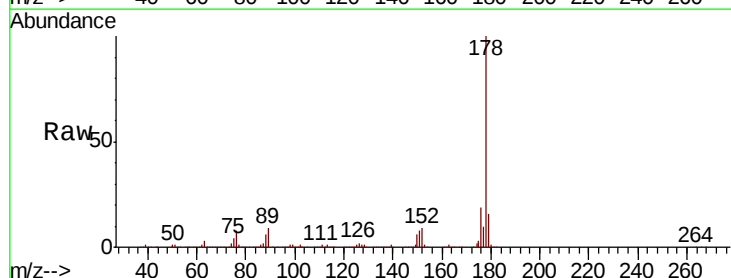
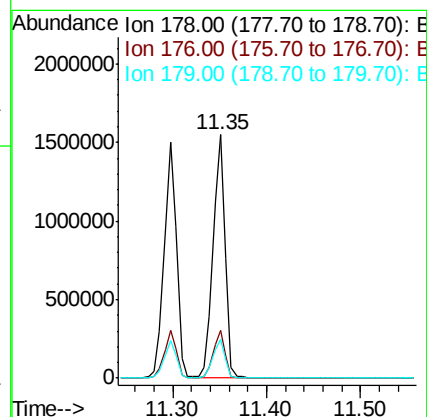
Tgt Ion:178 Resp: 1416339

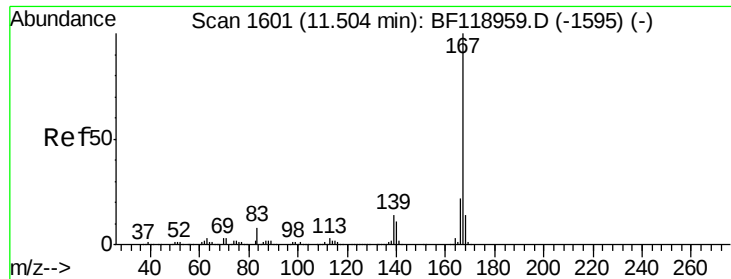
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.9 12.8 19.2





#73

Carbazole

Concen: 40.820 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:167 Resp: 1186327

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

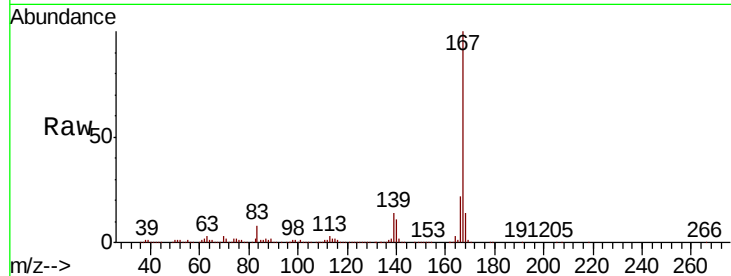
139 13.5 11.2 16.8

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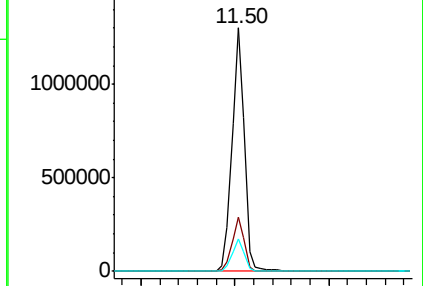
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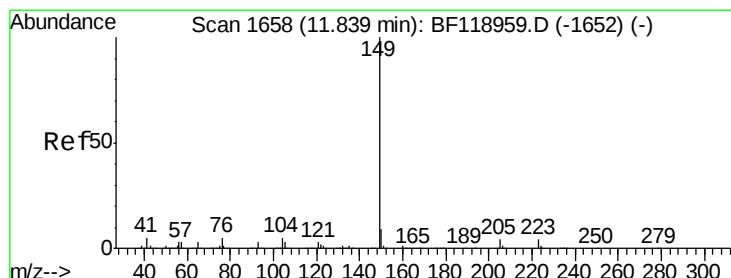
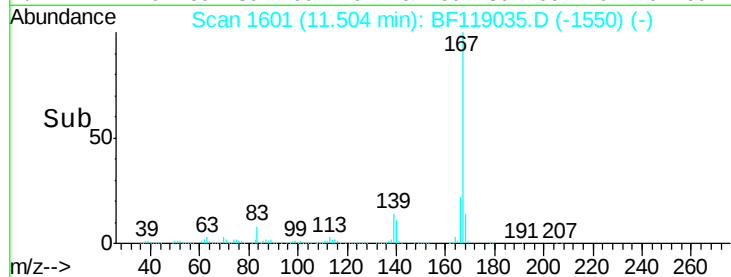
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.453 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

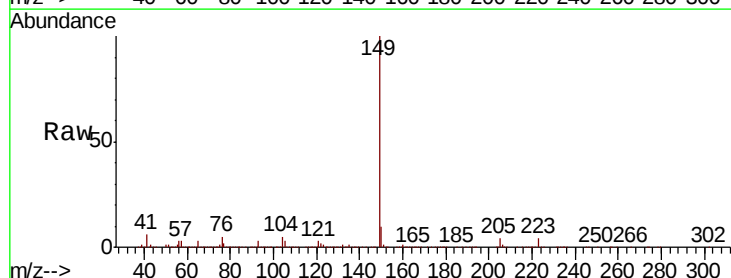
Tgt Ion:149 Resp: 1494141

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

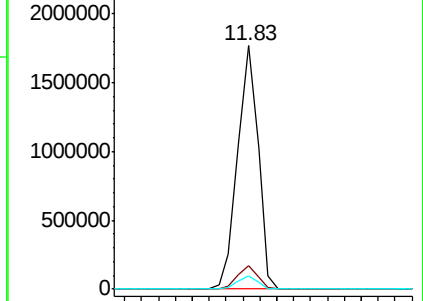
104 5.2 4.0 6.0



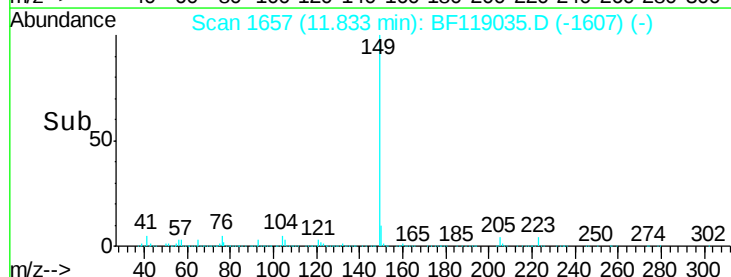
Abundance Ion 149.00 (148.70 to 149.70): E

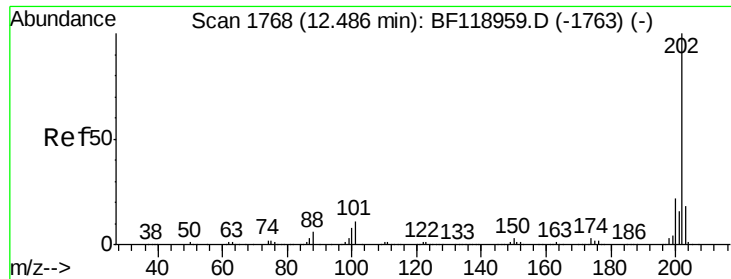
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





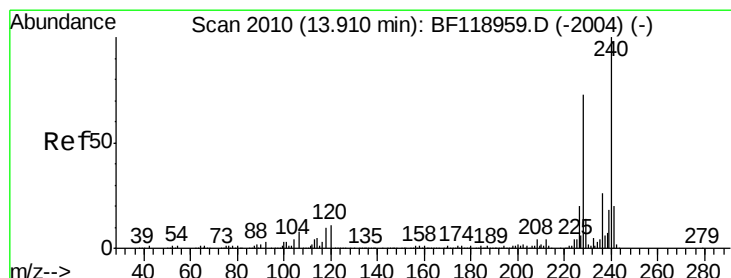
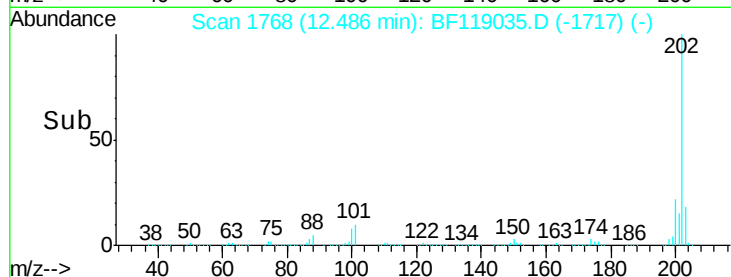
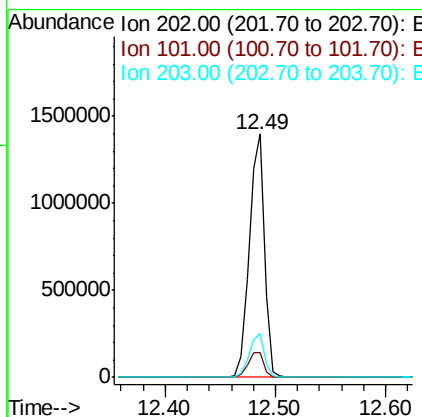
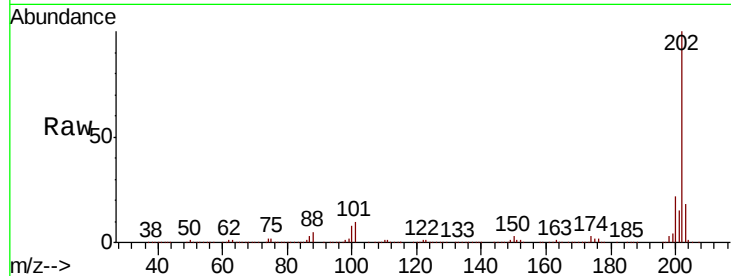
#75
 Fluoranthene
 Concen: 39.015 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.1
203	17.9	0.0	38.1

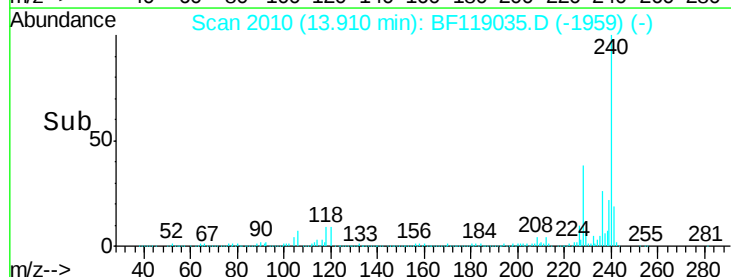
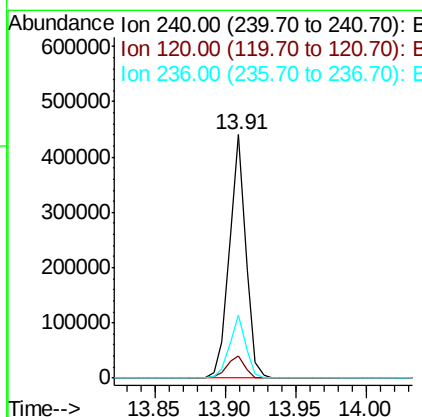
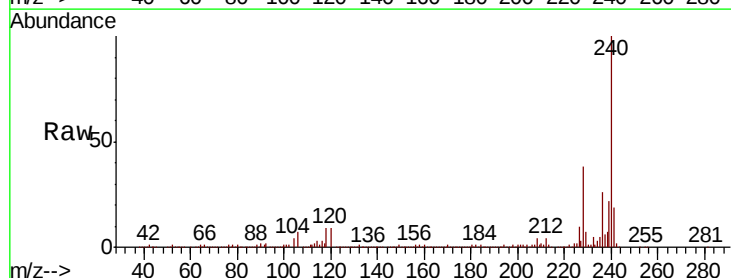
Manual Integrations
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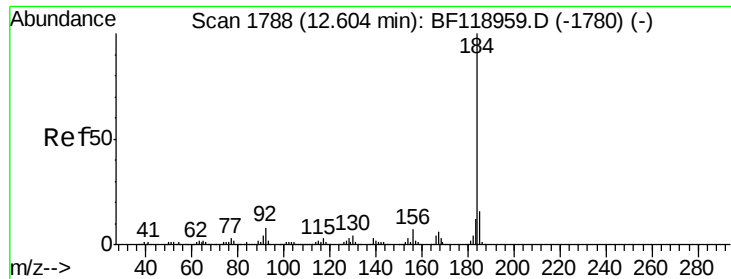
mohammad
 2/25/2020 4:19:21 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	26.0	20.6	30.8





#77

Benzidine

Concen: 22.577 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

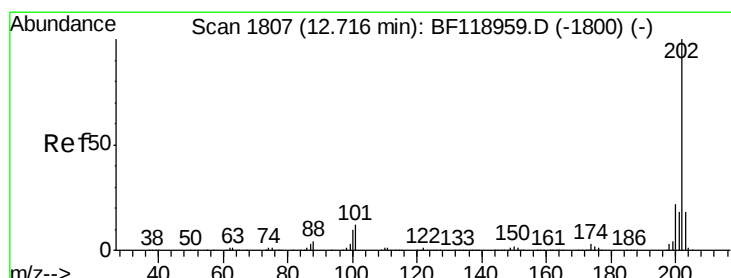
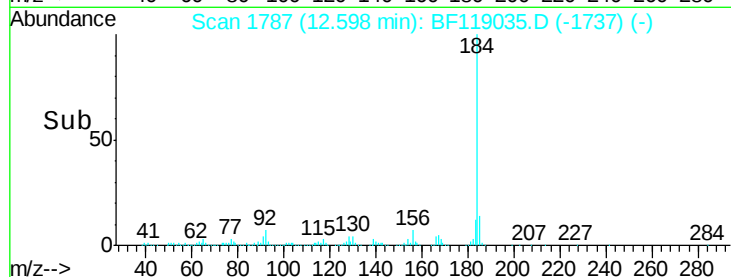
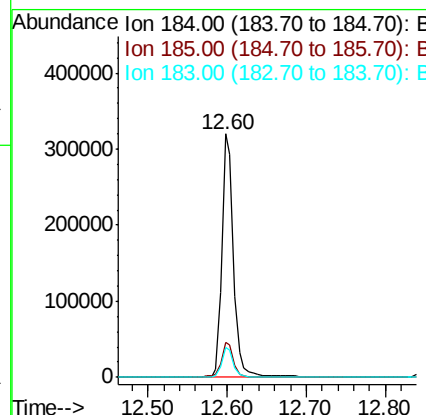
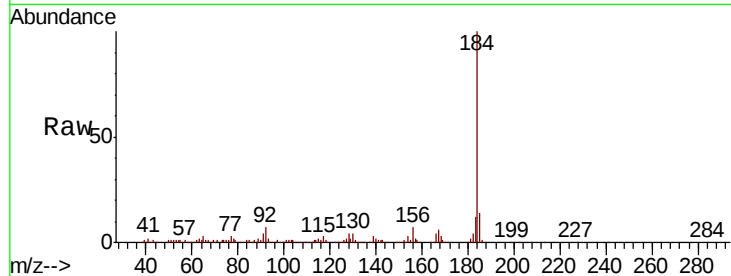
ClientSampleId :

DUNR-TS001-01MS

Tot Ion:	184	Resp:	328651
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	19.0
183	12.1	9.9	14.9

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#78

Pyrene

Concen: 45.920 ng

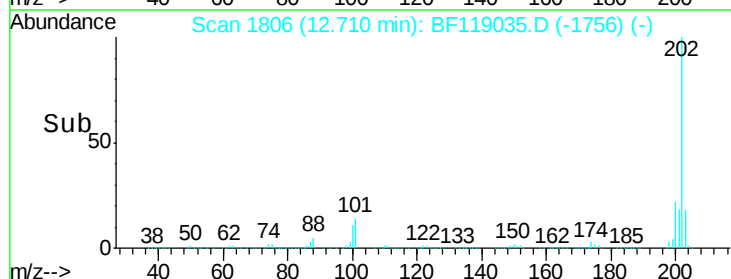
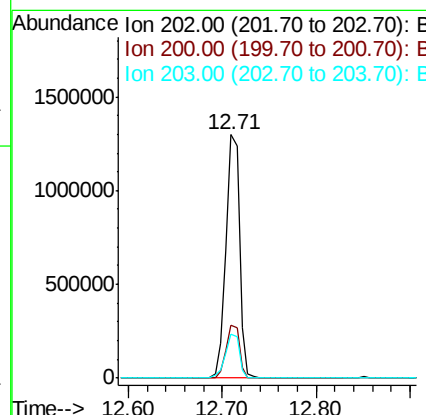
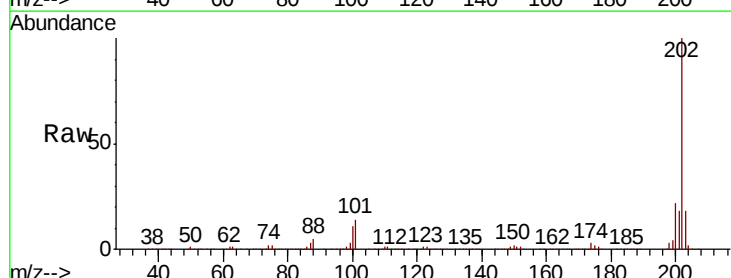
RT: 12.71 min Scan# 1806

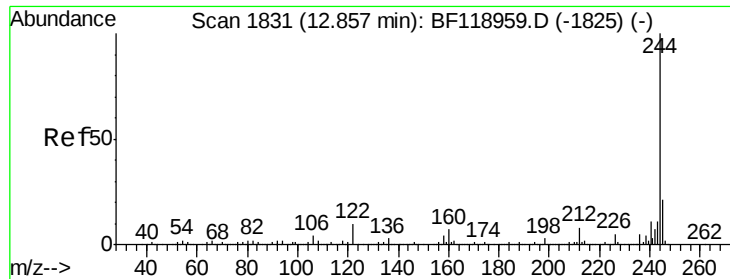
Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Tgt Ion:	202	Resp:	1319801
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.0
203	18.1	14.5	21.7





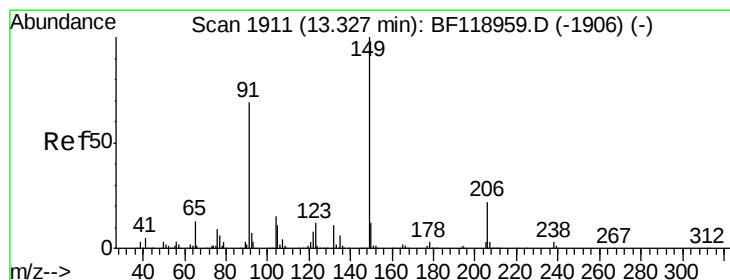
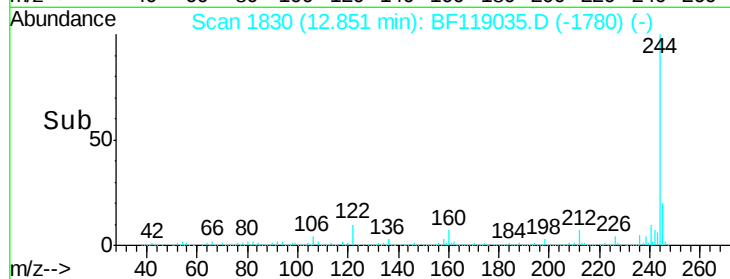
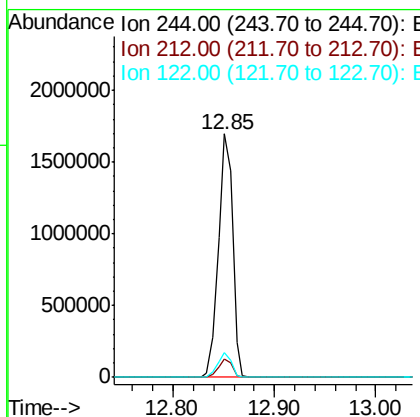
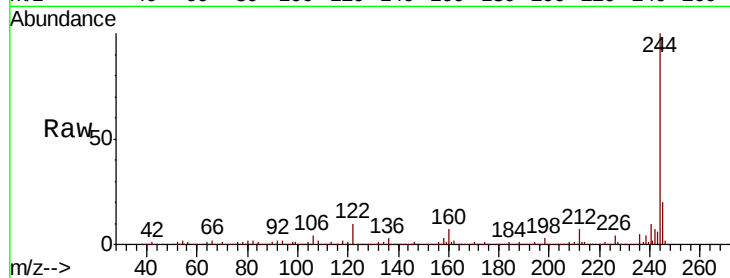
#79
Terphenyl-d14
Concen: 79.956 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.4	8.4	12.6

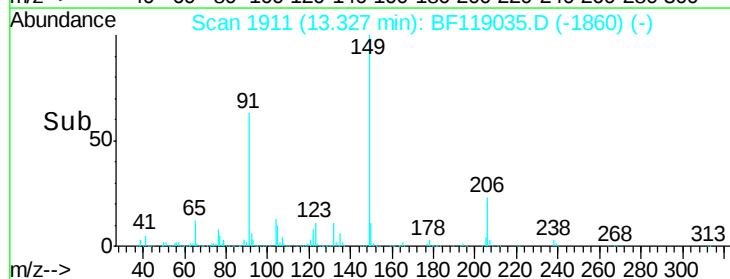
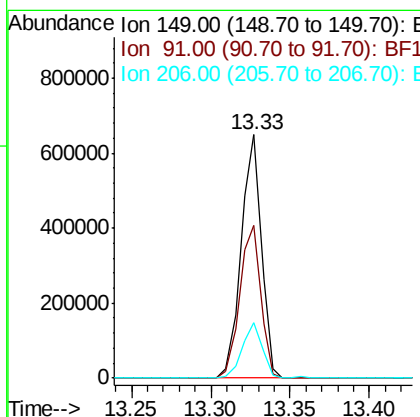
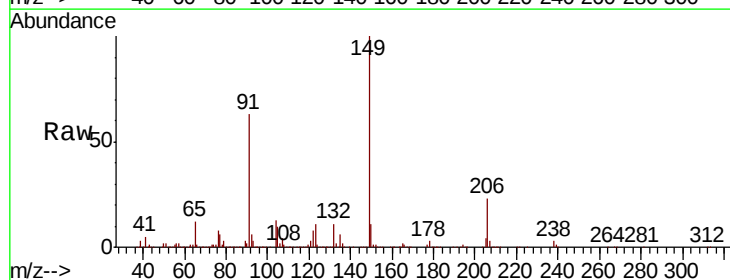
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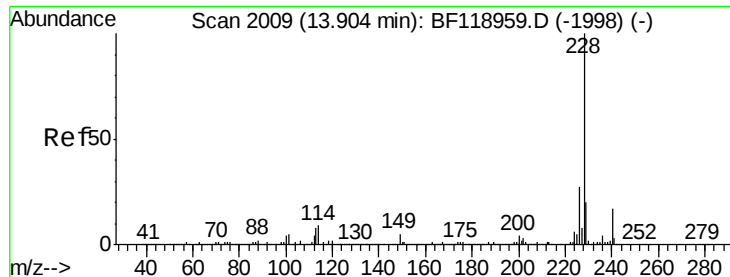
mohammad
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#80
Butylbenzylphthalate
Concen: 47.187 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.8	55.4	83.2
206	23.0	17.7	26.5





#81

Benzo(a)anthracene

Concen: 42.892 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:228 Resp: 1046057

Ion Ratio Lower Upper

228 100

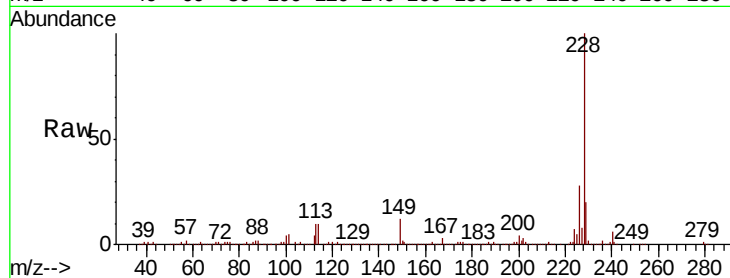
226 27.8 21.8 32.8

229 20.0 16.0 24.0

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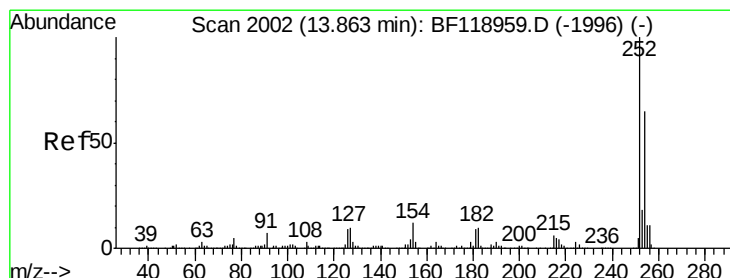
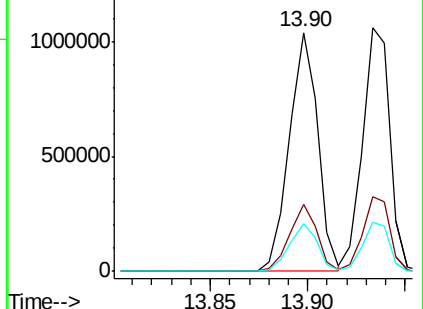
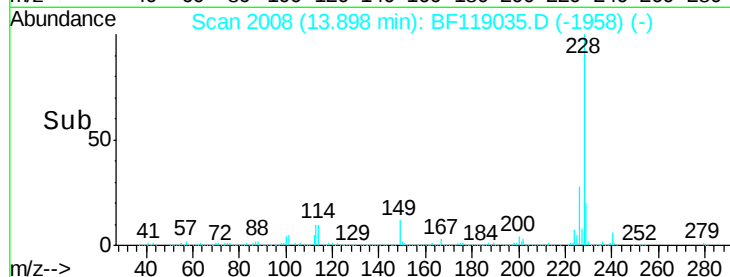
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.046 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

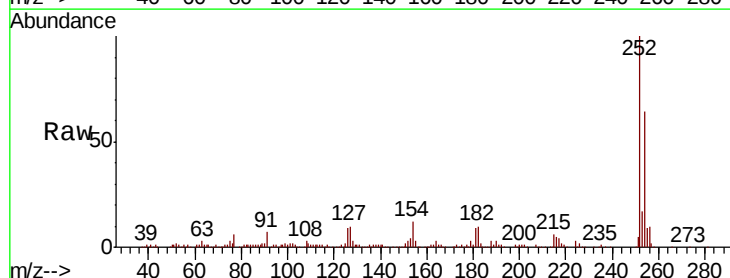
Tgt Ion:252 Resp: 189837

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

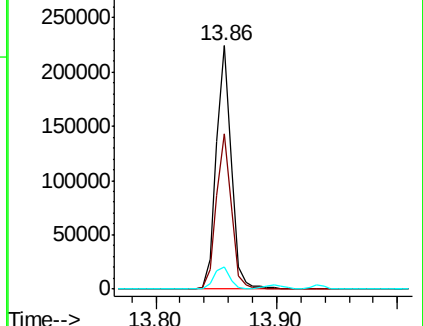
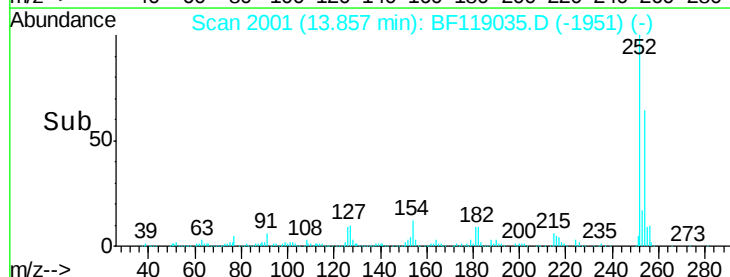
126 9.3 7.3 10.9

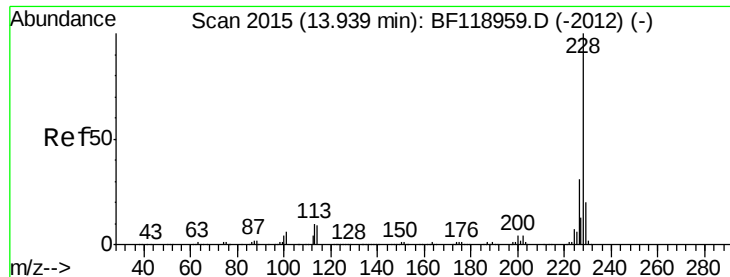


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





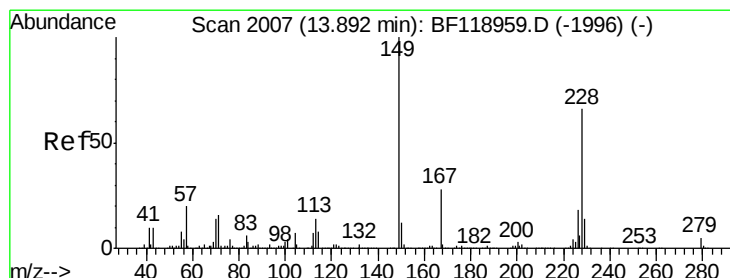
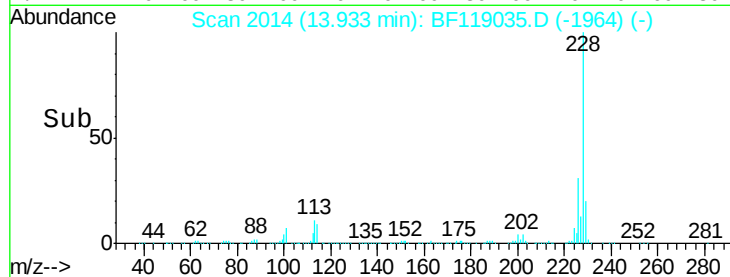
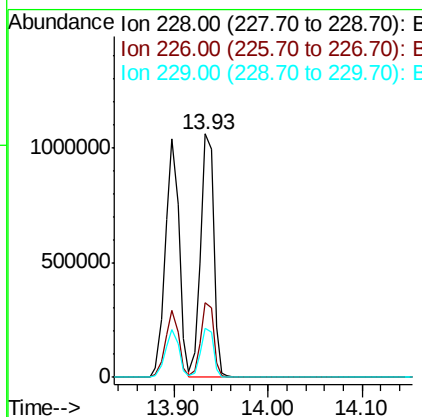
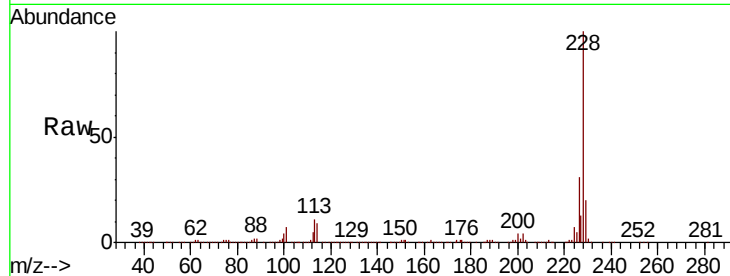
#83
 Chrvsene
 Concen: 42.332 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.3	16.2	24.2

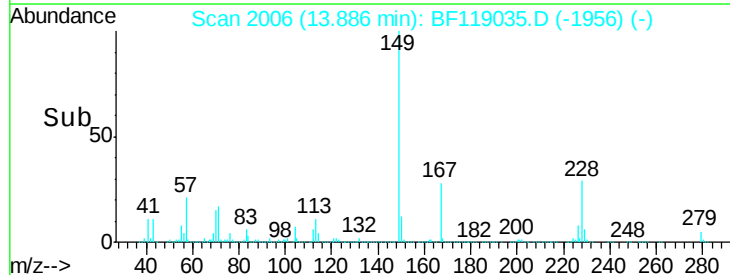
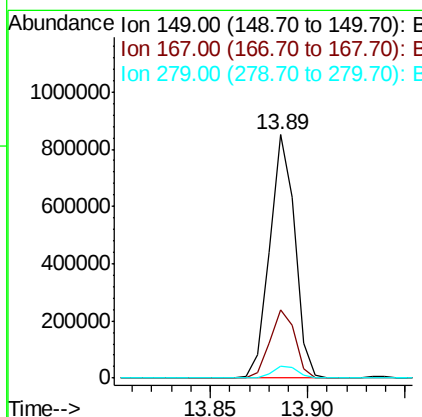
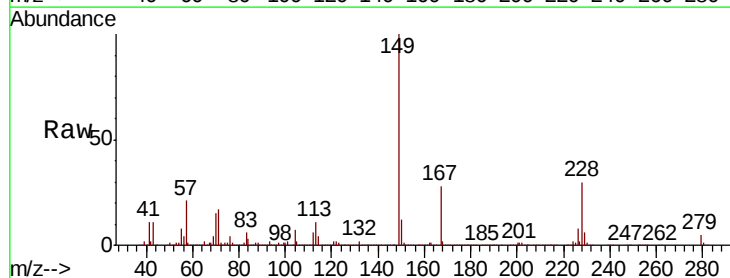
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.528 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119035.D
 Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	5.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 49.101 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MS

Tot Ion:149 Resp: 1195543

Ion Ratio Lower Upper

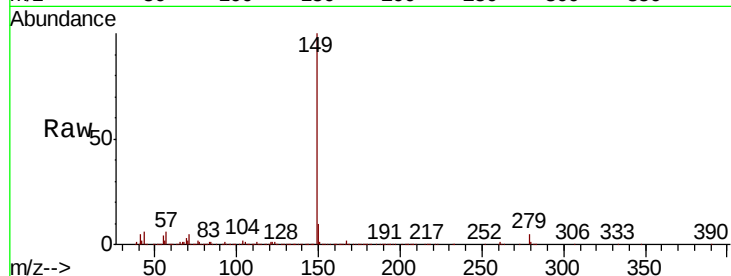
149 100

167 1.6 1.3 1.9

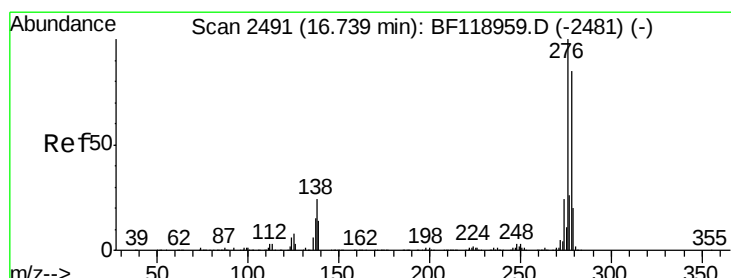
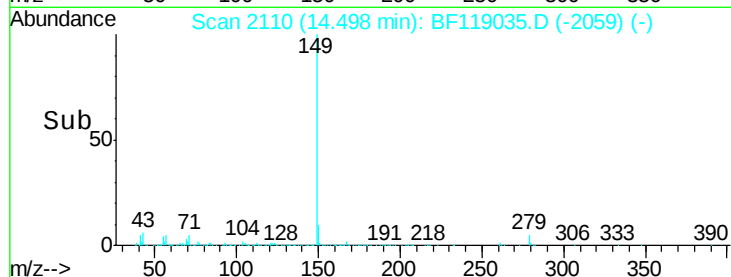
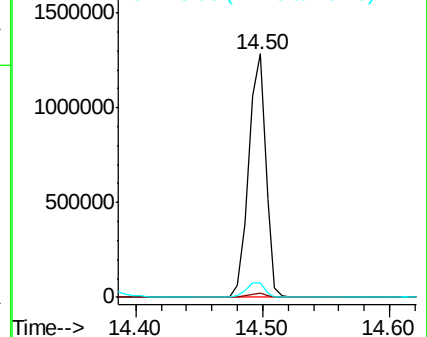
43 6.5 5.2 7.8

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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: 52.691 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119035.D

Acq: 24 Feb 2020 22:00

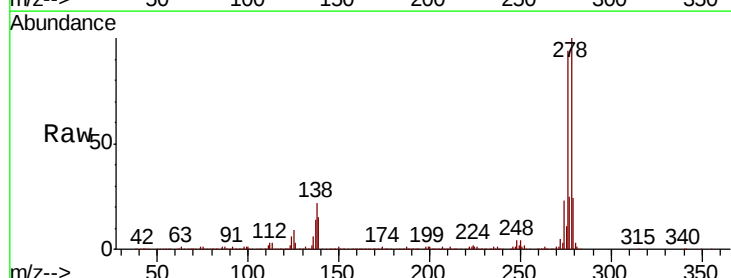
Tgt Ion:276 Resp: 1239807

Ion Ratio Lower Upper

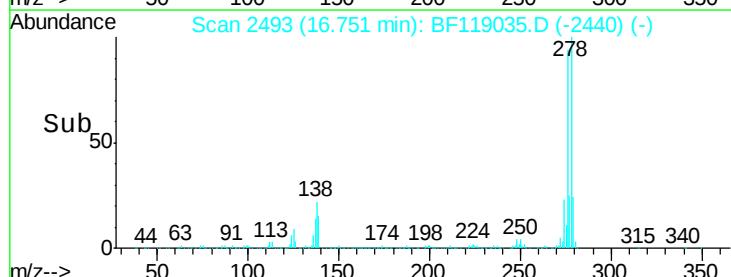
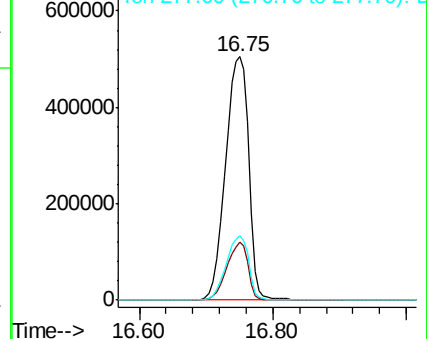
276 100

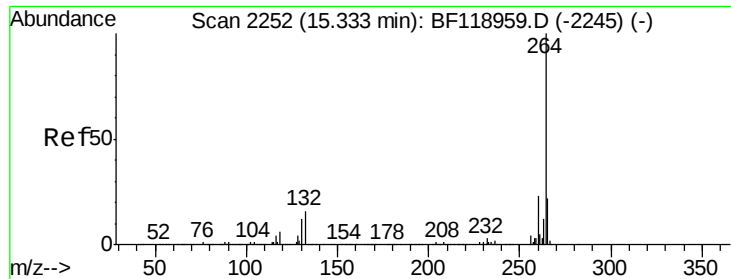
138 22.0 18.7 28.1

277 25.7 20.3 30.5



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





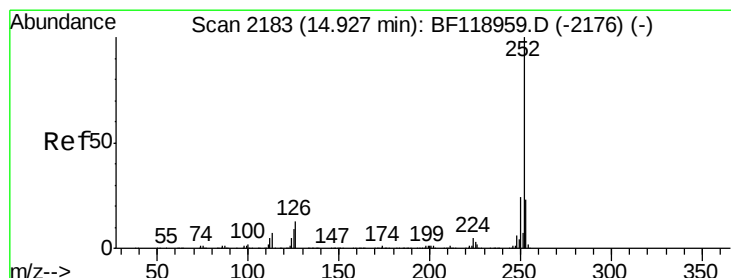
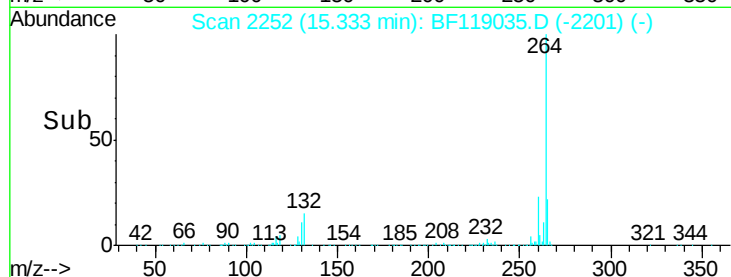
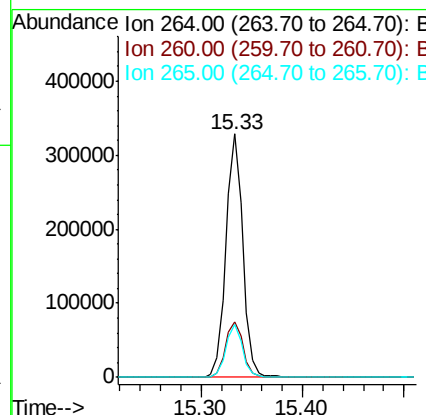
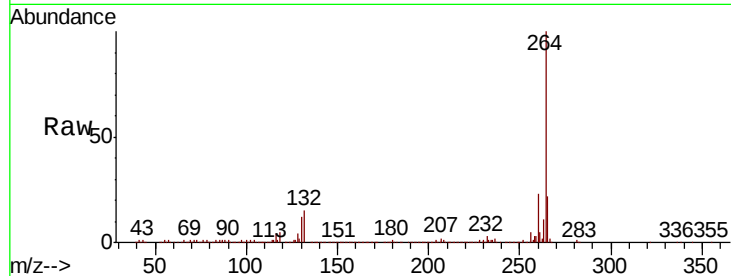
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.6	17.3	25.9

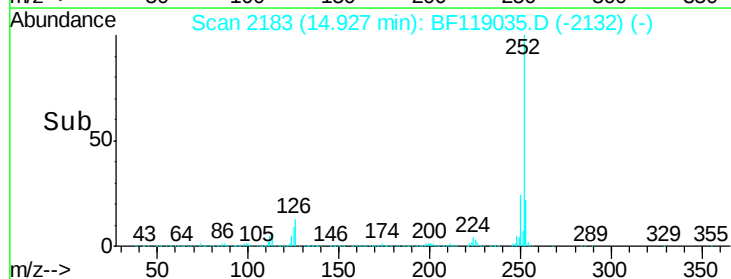
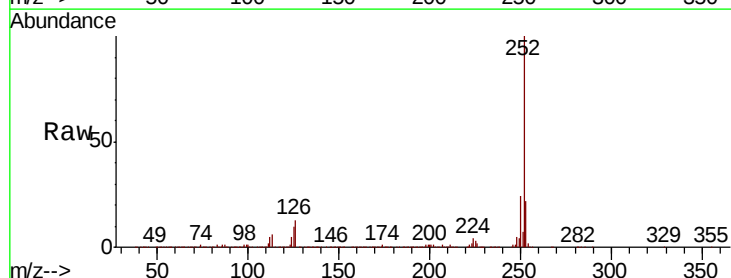
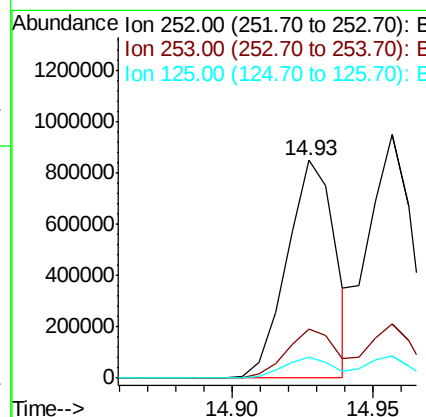
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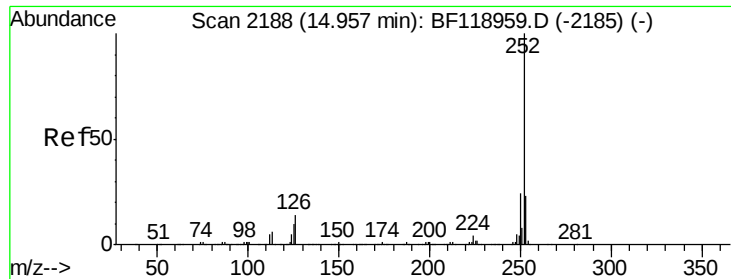
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.195 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.5	7.4	11.0





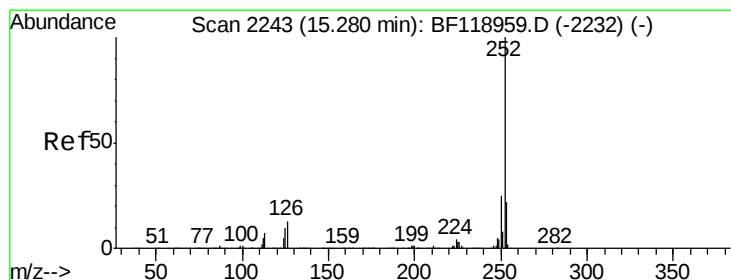
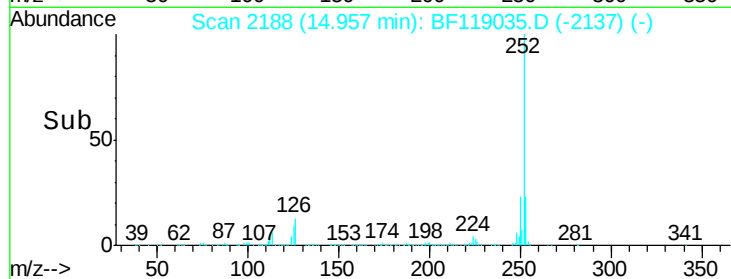
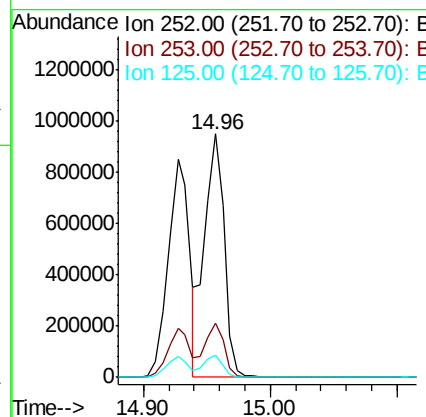
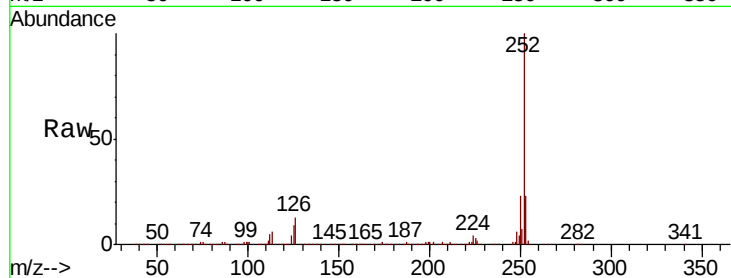
#89
Benzo(k)fluoranthene
Concen: 44.016 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion:252 Resp: 1019785
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.3 7.3 10.9

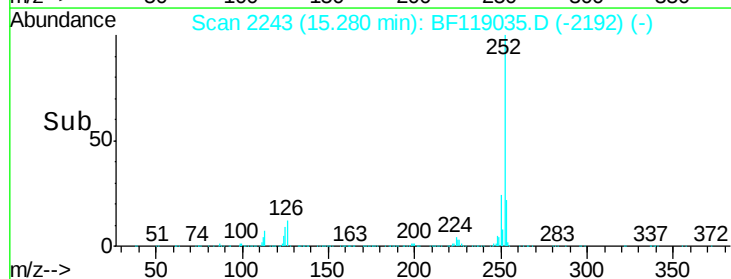
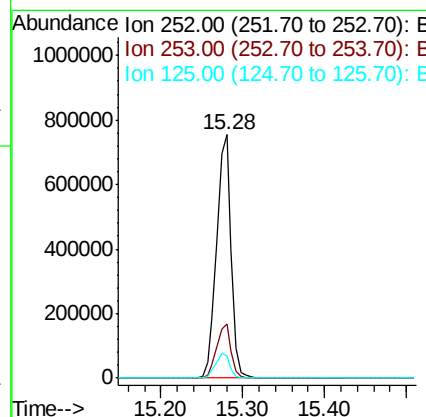
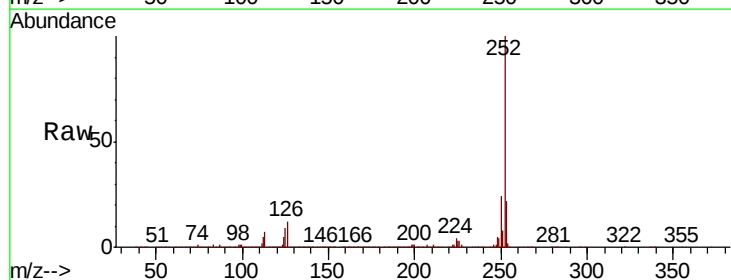
Manual Integrations
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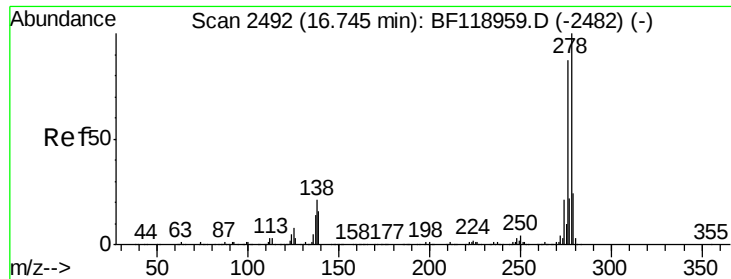
mohammad
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#90
Benzo(a)pyrene
Concen: 41.426 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion:252 Resp: 934724
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.3 7.8 11.6





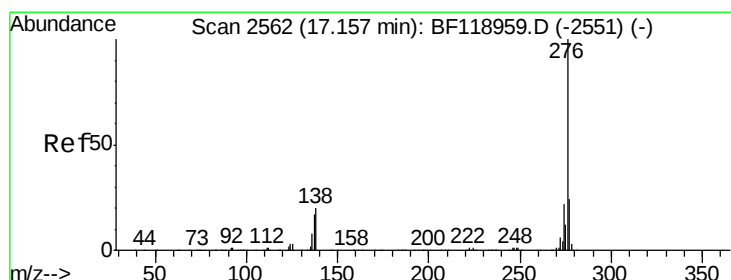
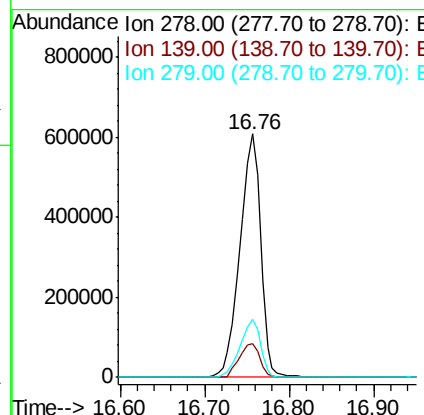
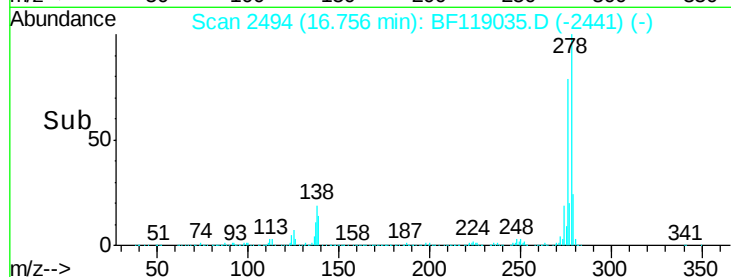
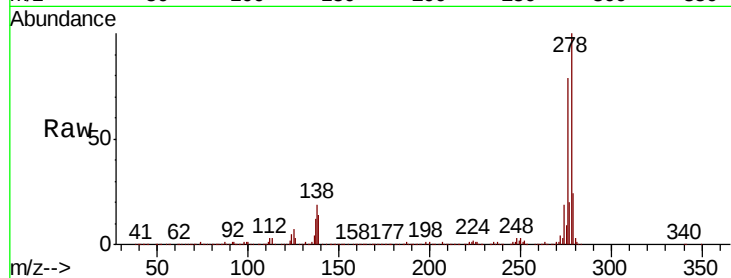
#91
Dibenzo(a,h)anthracene
Concen: 51.744 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.6	18.8
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/25/2020 4:19:21 PM



#92
Benzo(g,h,i)perylene
Concen: 54.510 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119035.D
Acq: 24 Feb 2020 22:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	18.8	16.2	24.4

