

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119036.D
 Acq On : 24 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1635-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Manual Integrations
 APPROVED

mohammad
 2/25/2020 4:19:23 PM

Quant Time: Feb 25 01:19:31 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	158308	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	592294	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	311376	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	529794	20.00	ng	0.00
76) Chrysene-d12	13.91	240	317028	20.00	ng	0.00
87) Perylene-d12	15.33	264	362680	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1090592	115.13	ng	0.00
7) Phenol-d6	6.40	99	1300972	112.92	ng	0.00
23) Nitrobenzene-d5	7.32	82	872510	77.78	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	439468	107.89	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1641979	77.68	ng	0.00
79) Terphenyl-d14	12.85	244	1592171	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	152539	36.167	ng	99
3) Pyridine	3.26	79	394238	34.227	ng	99
4) n-Nitrosodimethylamine	3.19	42	152458	43.693	ng	92
6) Aniline	6.42	93	192563	13.546	ng	# 1
8) 2-Chlorophenol	6.55	128	461796	45.172	ng	98
9) Benzaldehyde	6.30	77	195526	25.402	ng	100
10) Phenol	6.42	94	521151	41.839	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	423642	44.451	ng	99
12) 1,3-Dichlorobenzene	6.70	146	512949	41.863	ng	100
13) 1,4-Dichlorobenzene	6.77	146	518228	42.265	ng	100
14) 1,2-Dichlorobenzene	6.93	146	477656	42.715	ng	99
15) Benzyl Alcohol	6.90	79	379295	45.553	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	342388	41.472	ng	86
17) 2-Methylphenol	7.02	107	359498	43.374	ng	95
18) Hexachloroethane	7.26	117	182604	41.627	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	295175	43.970	ng	98
20) 3+4-Methylphenols	7.17	107	446501	43.971	ng	# 76
22) Acetophenone	7.17	105	594087	43.351	ng	97
24) Nitrobenzene	7.34	77	461599	41.611	ng	99
25) Isophorone	7.58	82	824946	42.344	ng	100
26) 2-Nitrophenol	7.66	139	254545	43.307	ng	99
27) 2,4-Dimethylphenol	7.70	122	378700	47.473	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	504739	39.804	ng	100
29) 2,4-Dichlorophenol	7.90	162	385444	41.044	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	442011	39.698	ng	99
31) Naphthalene	8.06	128	1279427	41.652	ng	100
32) Benzoic acid	7.85	122	257452	44.756	ng	98
33) 4-Chloroaniline	8.11	127	69523	5.262	ng	99
34) Hexachlorobutadiene	8.18	225	272621	39.308	ng	97
35) Caprolactam	8.49	113	111921m	38.706	ng	
36) 4-Chloro-3-methylphenol	8.60	107	389882	41.023	ng	98
37) 2-Methylnaphthalene	8.75	142	867539	41.967	ng	100
38) 1-Methylnaphthalene	8.85	142	815224	41.933	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	439217	41.837	ng	99

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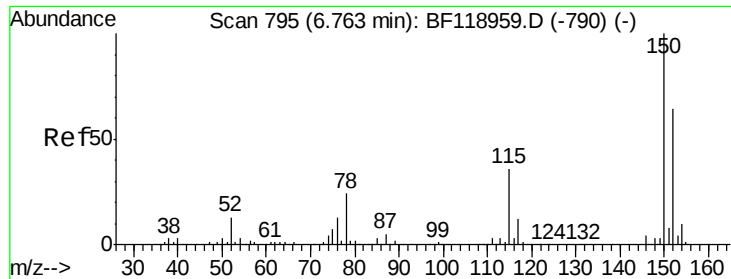
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Quant Time: Feb 25 01:19:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	290527	76.494	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	283803	42.808	nq	100
44) 2,4,5-Trichlorophenol	9.08	196	294954	42.398	nq	98
46) 1,1'-Biphenyl	9.22	154	1047462	41.623	nq	100
47) 2-Chloronaphthalene	9.24	162	811853	40.033	nq	99
48) 2-Nitroaniline	9.33	65	216186	38.220	nq	98
49) Acenaphthylene	9.65	152	1265609	43.210	nq	100
50) Dimethylphthalate	9.52	163	1118699	46.984	nq	99
51) 2,6-Dinitrotoluene	9.58	165	223922	42.330	nq	91
52) Acenaphthene	9.82	154	731418	41.414	nq	100
53) 3-Nitroaniline	9.75	138	69353	11.826	nq	98
54) 2,4-Dinitrophenol	9.86	184	197202	77.010	nq	92
55) Dibenzofuran	10.00	168	1104010	41.880	nq	99
56) 4-Nitrophenol	9.93	139	283901	80.573	nq	98
57) 2,4-Dinitrotoluene	9.99	165	279454	40.756	nq	96
58) Fluorene	10.34	166	856015	41.789	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	243228	41.435	nq	99
60) Diethylphthalate	10.22	149	941952	41.980	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	451430	41.635	nq	99
62) 4-Nitroaniline	10.36	138	183228	30.538	nq	96
63) Azobenzene	10.49	77	823857	42.241	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	153221	47.794	nq	95
66) n-Nitrosodiphenylamine	10.45	169	771143	44.453	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	294045	42.461	nq	97
68) Hexachlorobenzene	10.89	284	329340	41.249	nq	95
69) Atrazine	10.97	200	260261	42.940	nq	99
70) Pentachlorophenol	11.09	266	303476	94.357	nq	99
71) Phenanthrene	11.30	178	1212994	41.983	nq	99
72) Anthracene	11.35	178	1257414	43.557	nq	100
73) Carbazole	11.50	167	1032803	40.159	nq	99
74) Di-n-butylphthalate	11.83	149	1331452	42.750	nq	100
75) Fluoranthene	12.48	202	1158367	37.771	nq	99
77) Benzidine	12.60	184	290808	22.555	nq	98
78) Pyrene	12.71	202	1147277	45.067	nq	99
80) Butylbenzylphthalate	13.33	149	485117	45.278	nq	93
81) Benzo(a)anthracene	13.90	228	917606	42.479	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	189105	22.545	nq	99
83) Chrysene	13.93	228	908707	42.219	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	655314	48.414	nq	100
85) Di-n-octyl phthalate	14.49	149	1038128	48.136	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1197890	57.478	nq	98
88) Benzo(b)fluoranthene	14.93	252	938891	39.274	nq	99
89) Benzo(k)fluoranthene	14.96	252	931876	42.063	nq	99
90) Benzo(a)pyrene	15.27	252	880505	40.810	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	1002048	52.784	nq	98
92) Benzo(g,h,i)perylene	17.17	276	1040854	55.491	nq	98

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



#1

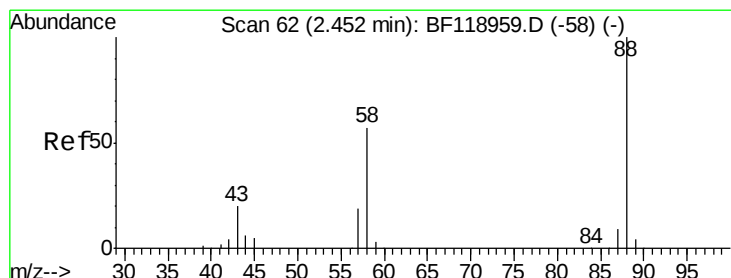
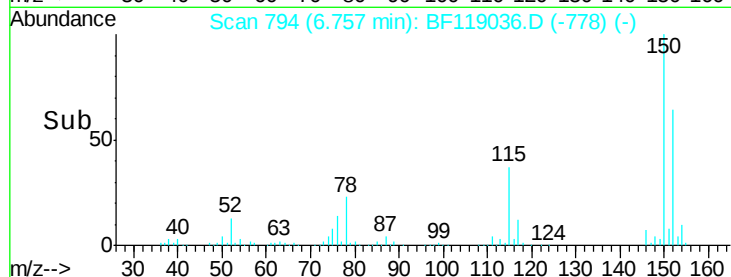
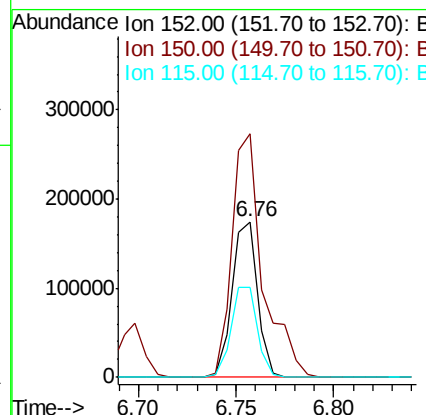
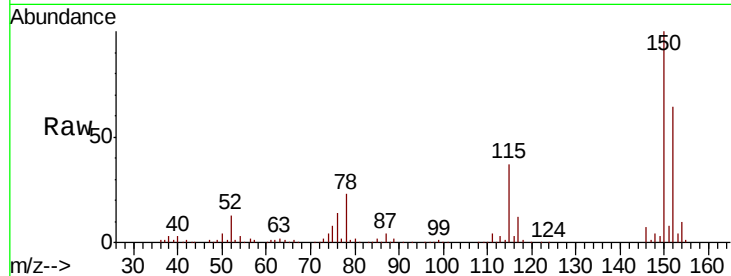
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	57.9	44.6	67.0

Manual Integrations
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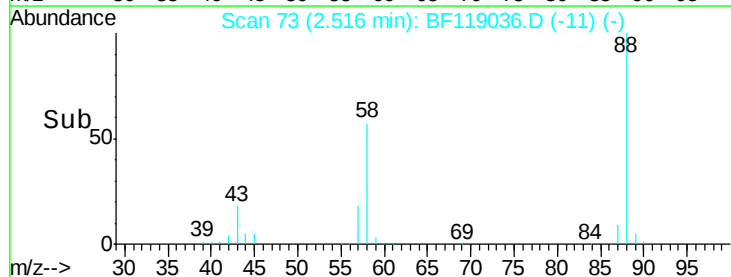
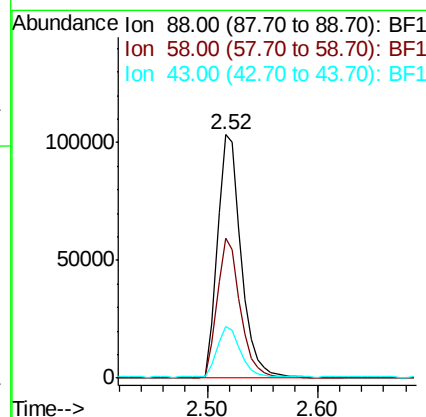
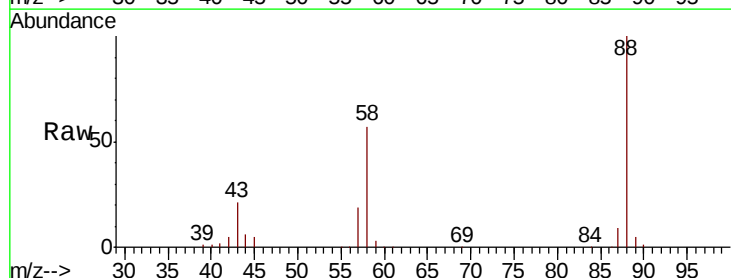
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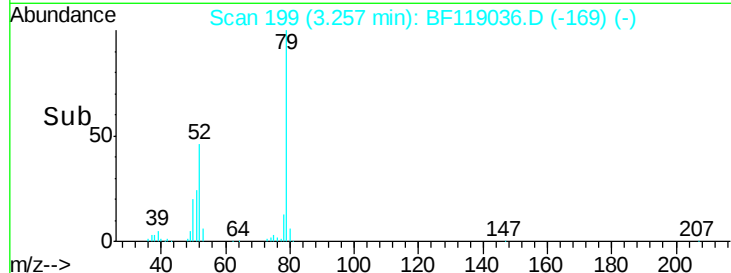
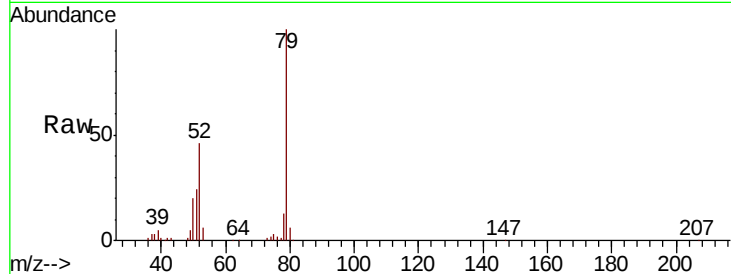
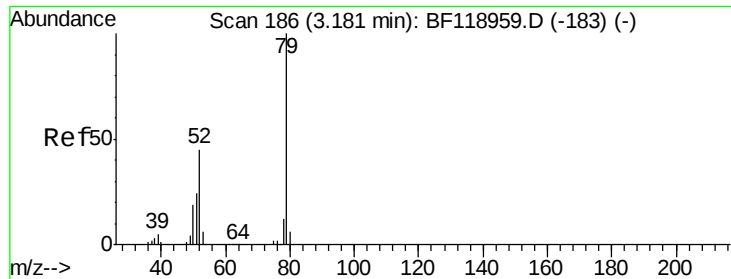


#2

1,4-Dioxane
Concen: 36.167 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	44.6	66.8
43	20.5	16.0	24.0





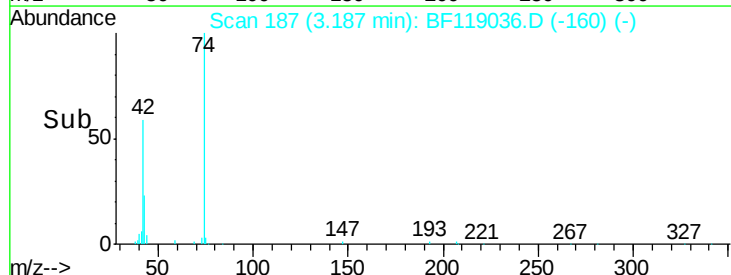
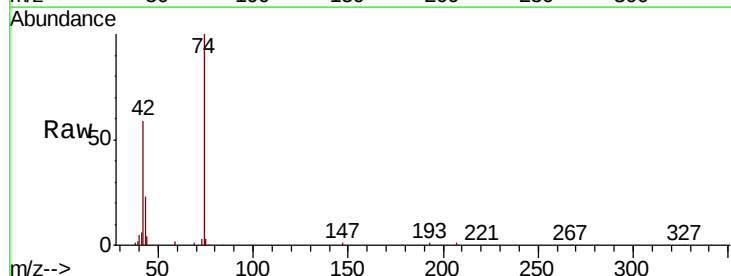
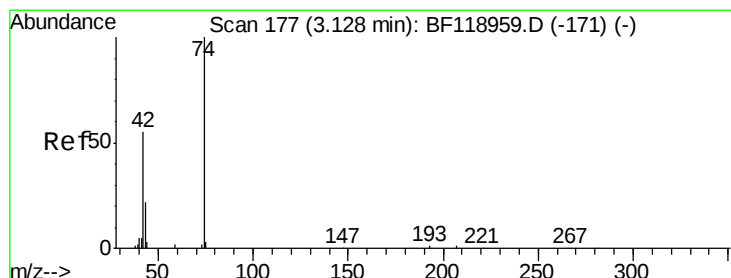
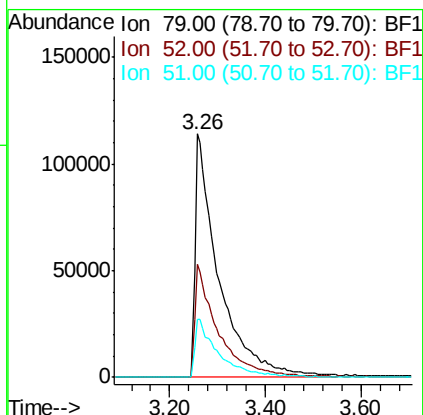
#3
 Pvridine
 Concen: 34.227 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.08 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.3	36.3	54.5
51	23.8	19.5	29.3

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

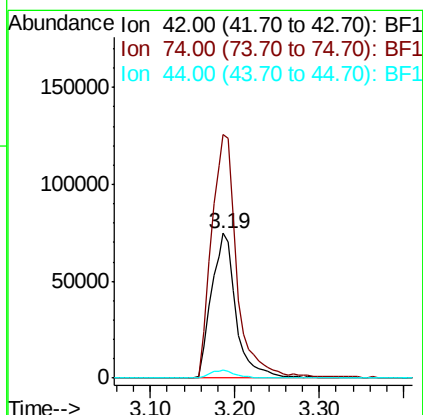
Manual Integrations
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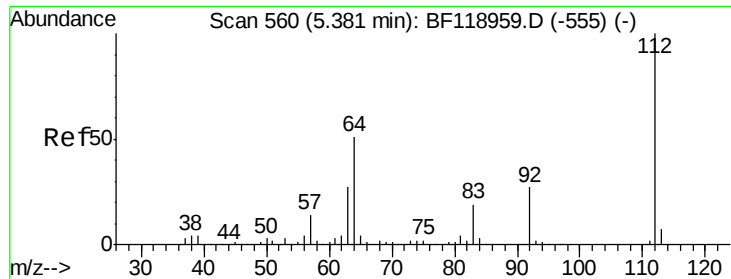
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#4
 n-Nitrosodimethylamine
 Concen: 43.693 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.06 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.5	144.4	216.6
44	6.0	4.5	6.7





#5

2-Fluorophenol

Concen: 115.128 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

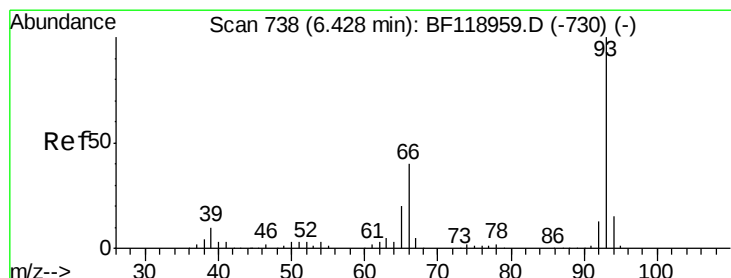
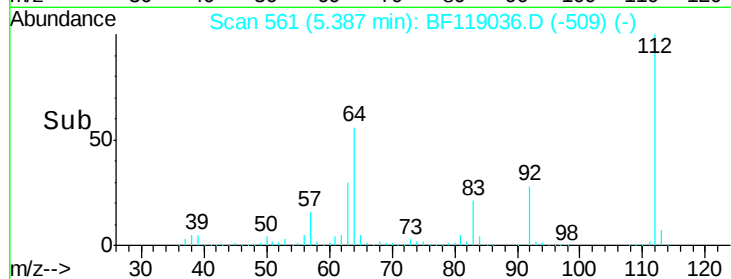
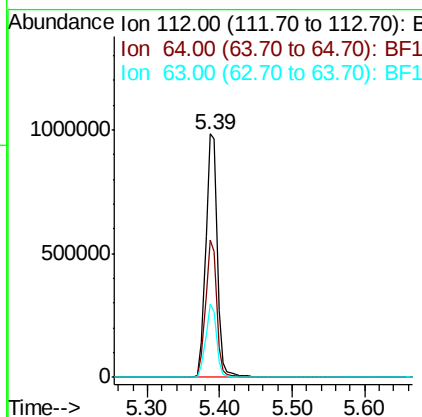
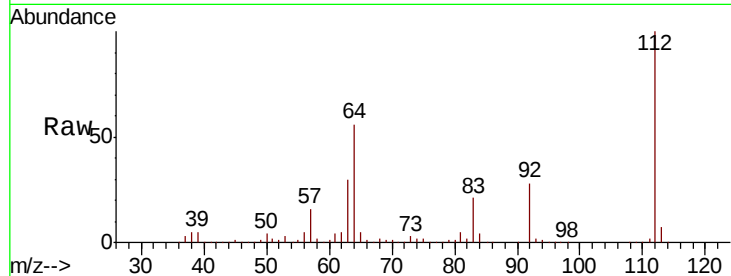
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:	112	Resp:	1090592
Ion Ratio	Lower	Upper	
112	100		
64	56.4	40.4	60.6
63	30.0	21.3	31.9

Manual Integrations
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#6

Aniline

Concen: 13.546 ng

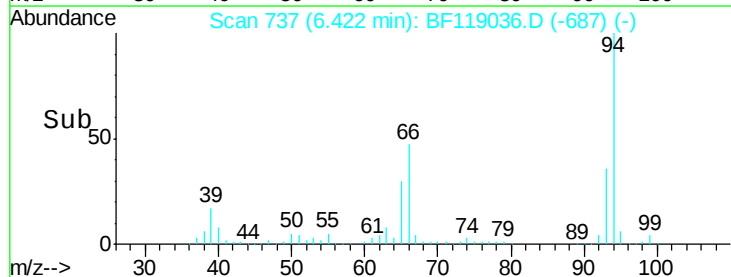
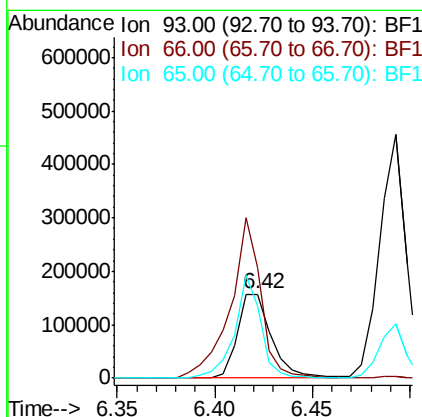
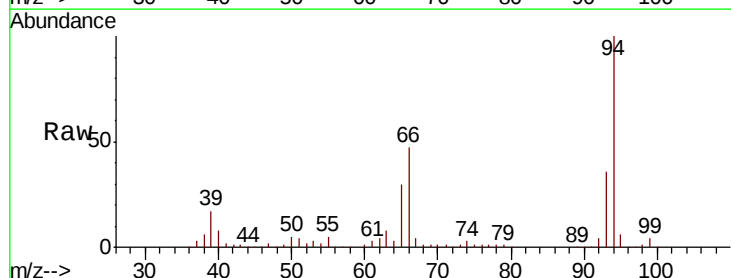
RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:	93	Resp:	192563
Ion Ratio	Lower	Upper	
93	100		
66	132.1	32.2	48.2#
65	85.0	16.1	24.1#





#7

Phenol-d6

Concen: 112.925 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MSD

Tot Ion: 99 Resp: 1300972

Ion Ratio Lower Upper

99 100

42 15.0 11.4 17.0

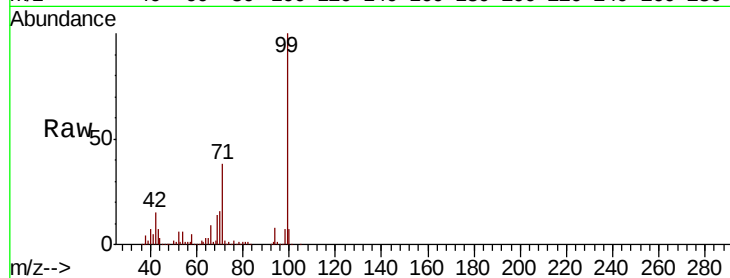
71 38.4 29.8 44.6

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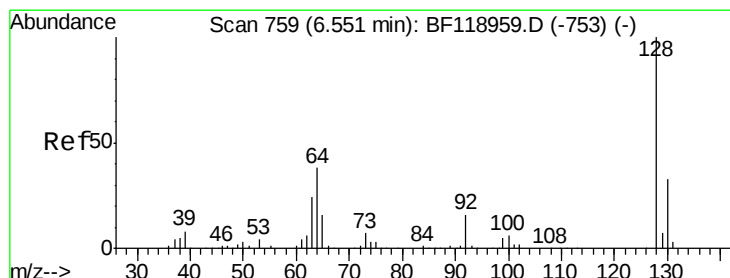
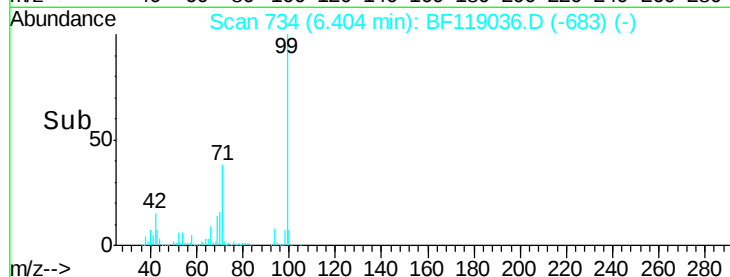
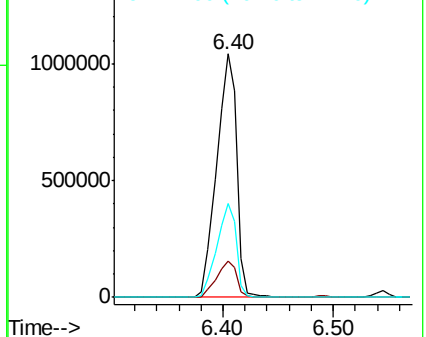
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.172 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

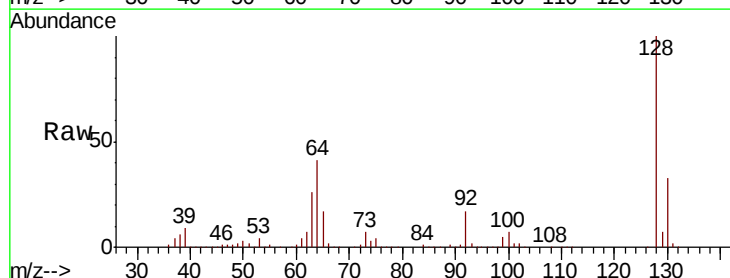
Tgt Ion:128 Resp: 461796

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

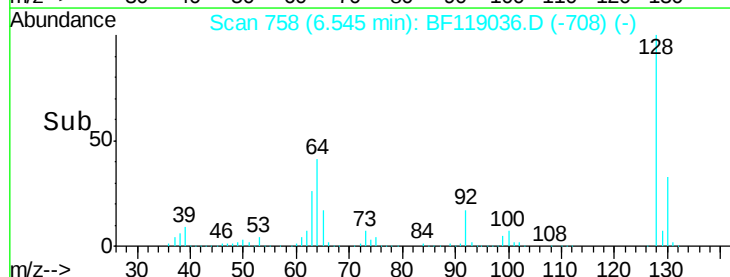
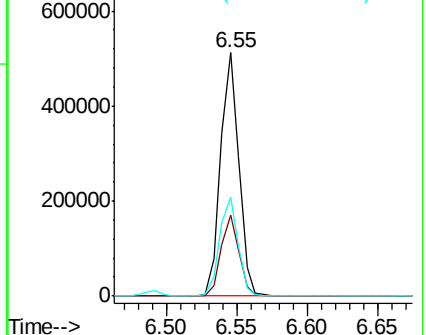
64 40.8 18.7 58.7



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: 25.402 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

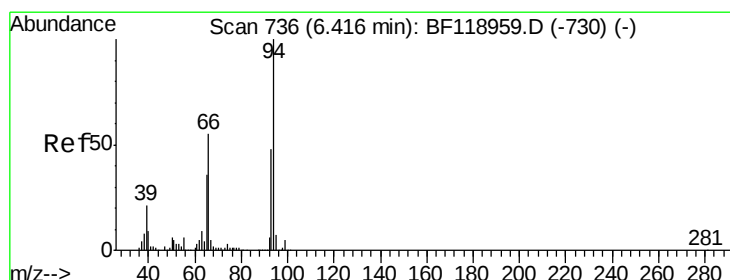
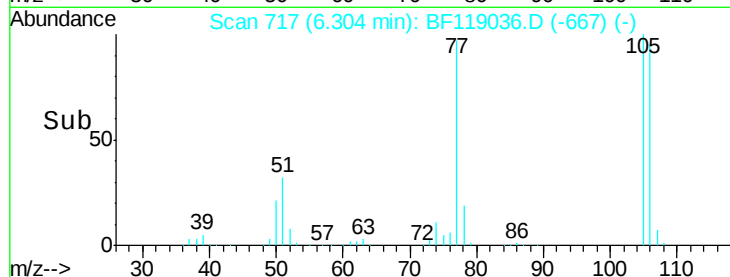
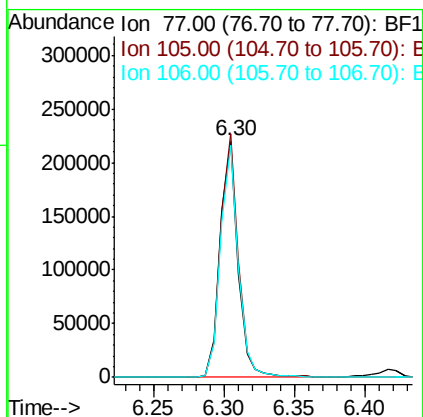
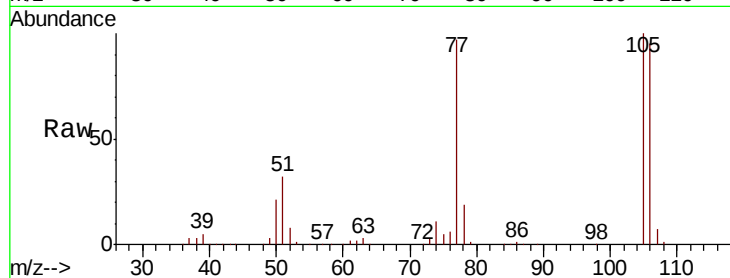
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.9	83.0	123.0		
106	98.0	78.3	118.3		

Manual Integrations
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#10

Phenol

Concen: 41.839 ng

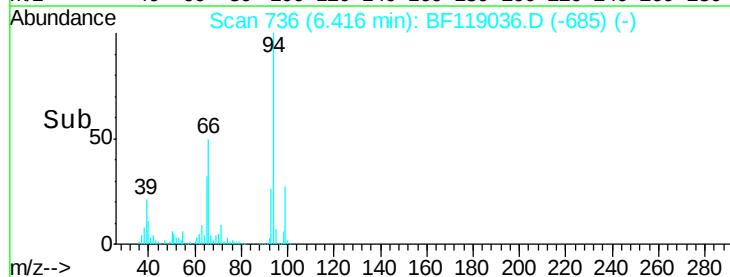
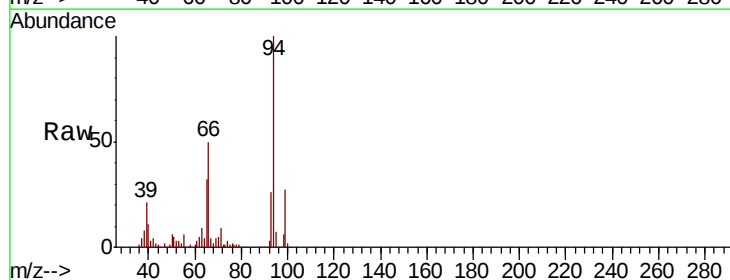
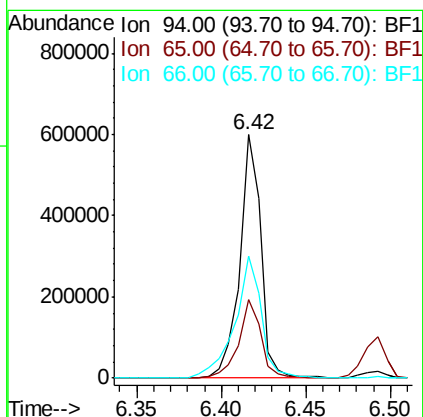
RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.1	15.5	55.5		
66	50.2	35.6	75.6		





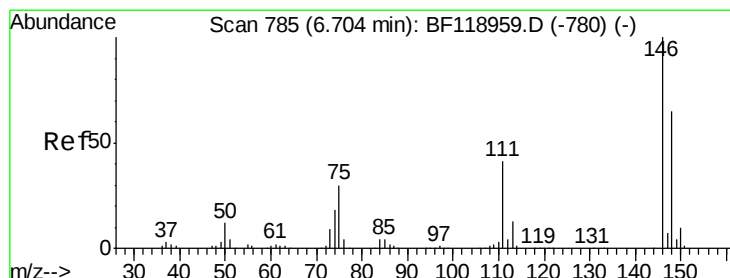
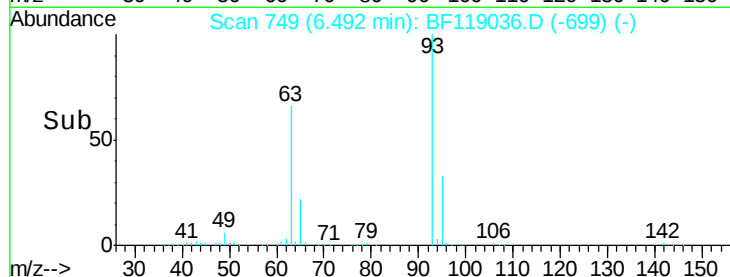
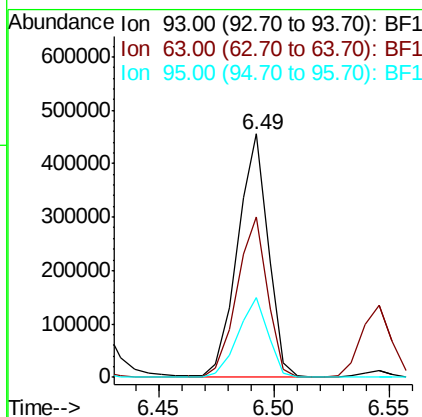
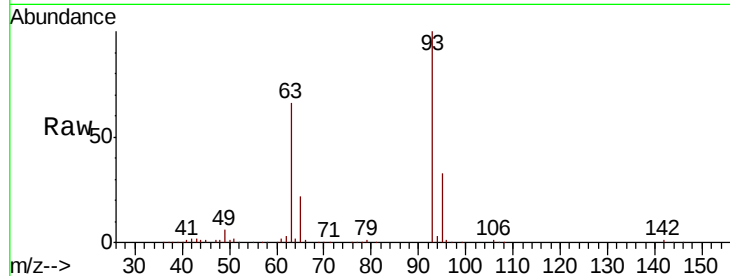
#11
bis(2-Chloroethyl)ether
Concen: 44.451 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	423642		
63	65.6	46.8	86.8	
95	32.9	12.7	52.7	

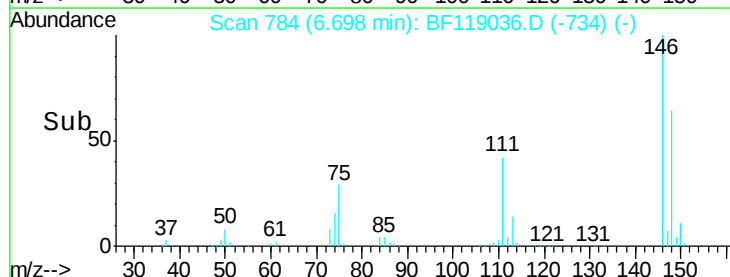
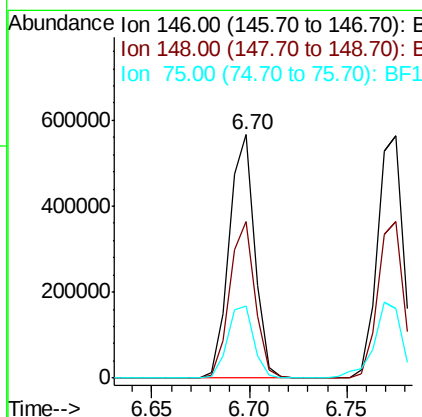
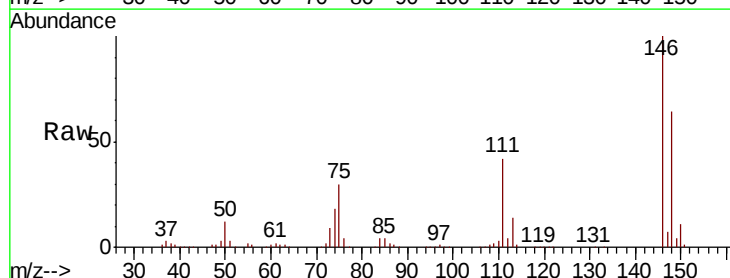
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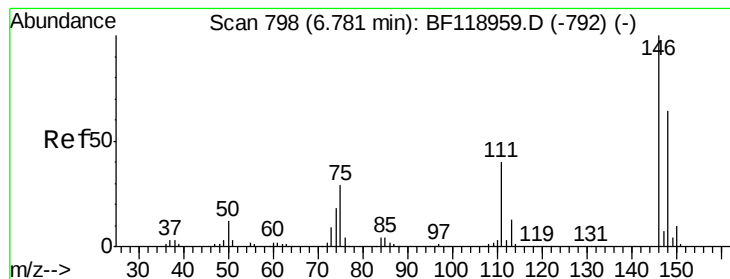
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.863 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	512949		
148	64.4	51.7	77.5	
75	29.6	23.6	35.4	





#13

1,4-Dichlorobenzene

Concen: 42.265 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

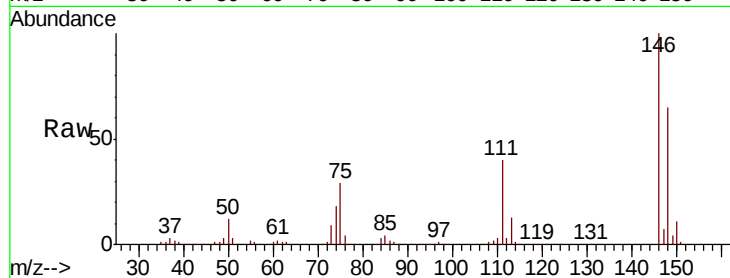
ClientSampleId :

DUNR-TS001-01MSD

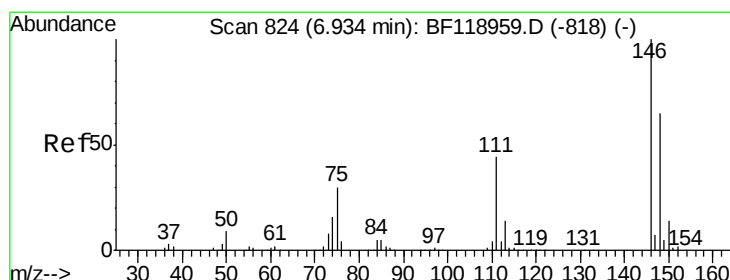
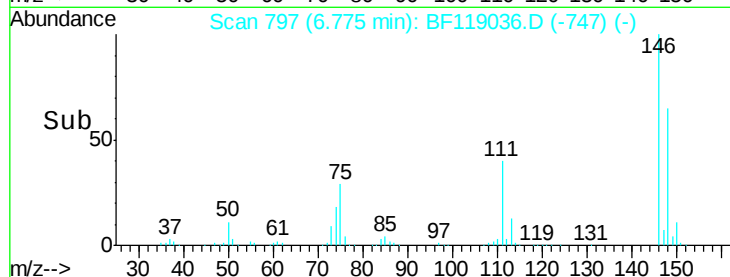
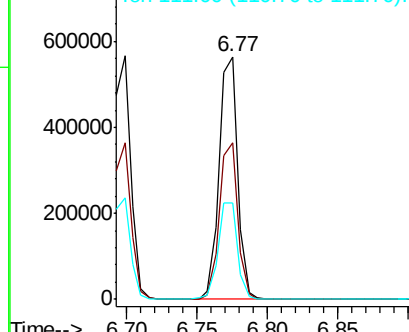
Tot Ion:	146	Resp:	518228
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.2
111	40.0	31.9	47.9

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.715 ng

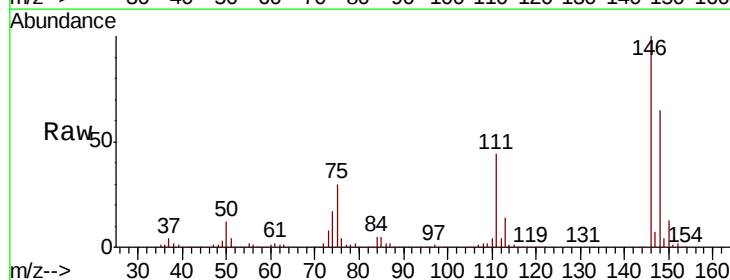
RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

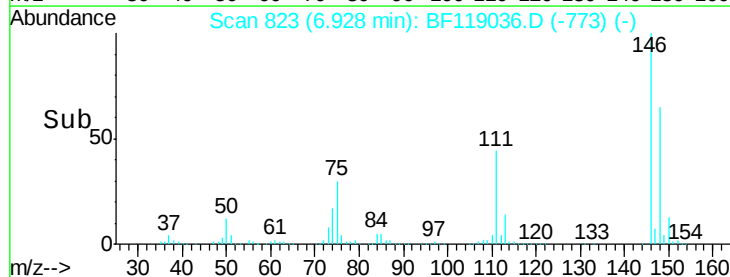
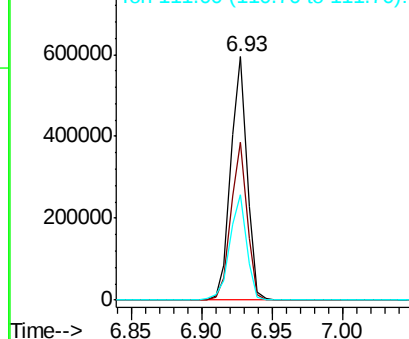
Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:	146	Resp:	477656
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.1	78.1
111	43.5	35.5	53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.553 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

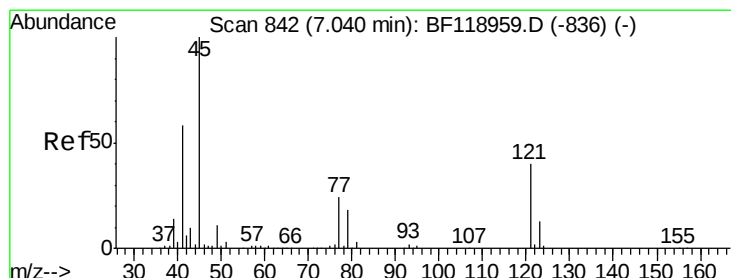
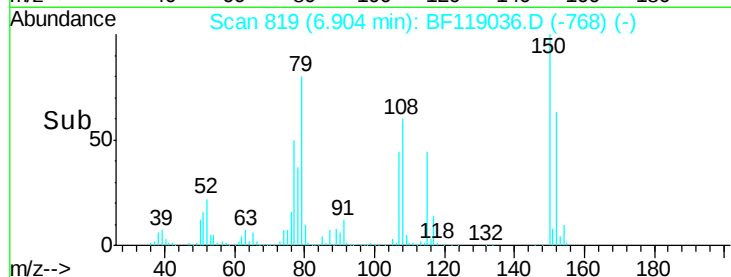
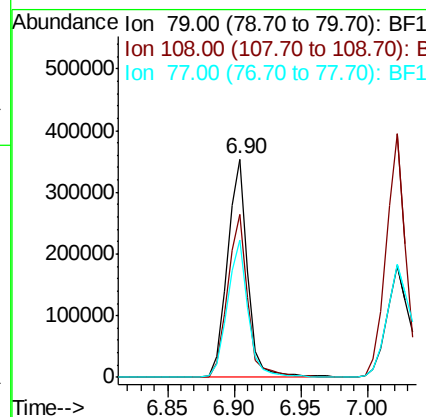
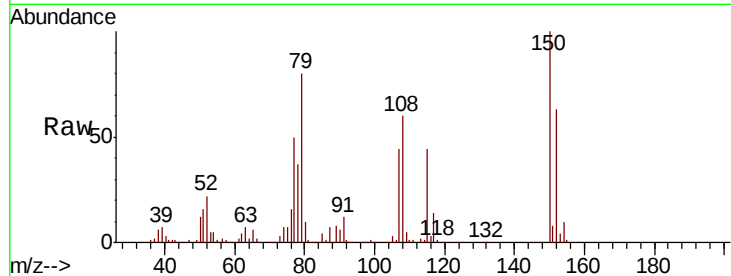
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:	79	Resp:	379295
Ion Ratio	Lower	Upper	
79	100		
108	74.7	61.1	91.7
77	62.6	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.472 ng

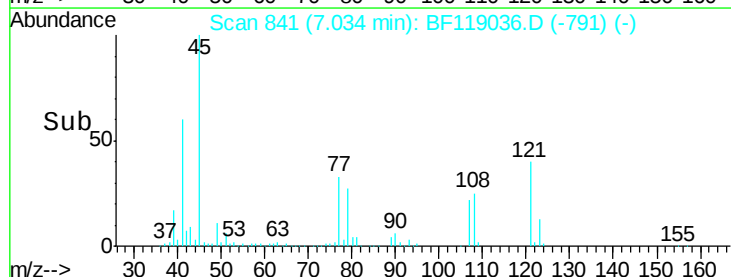
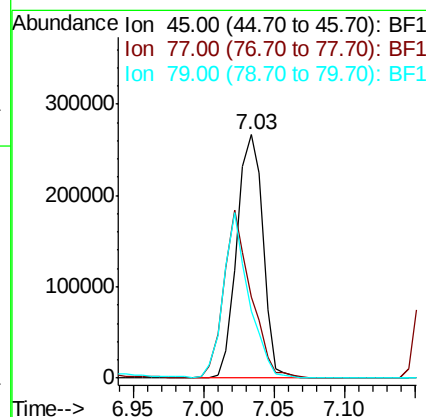
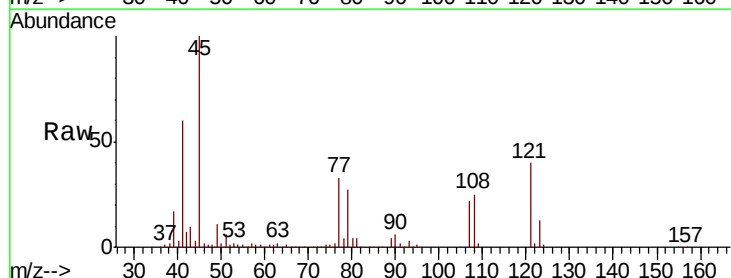
RT: 7.03 min Scan# 841

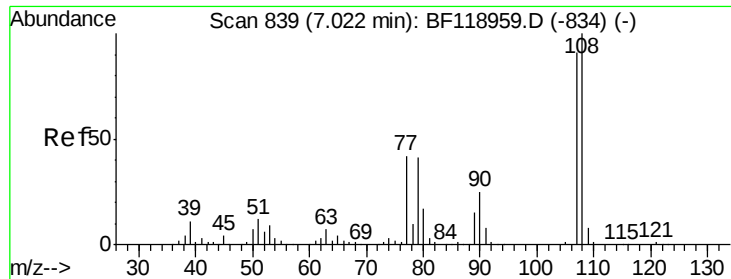
Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:	45	Resp:	342388
Ion Ratio	Lower	Upper	
45	100		
77	33.4	6.1	46.1
79	27.3	0.5	40.5





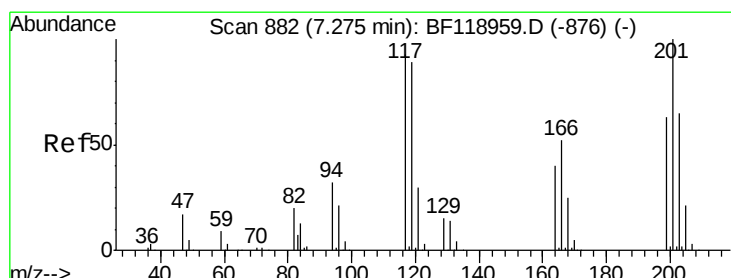
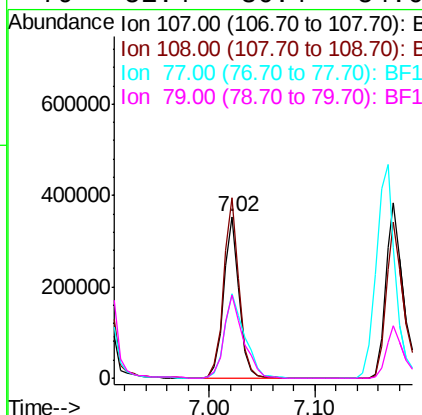
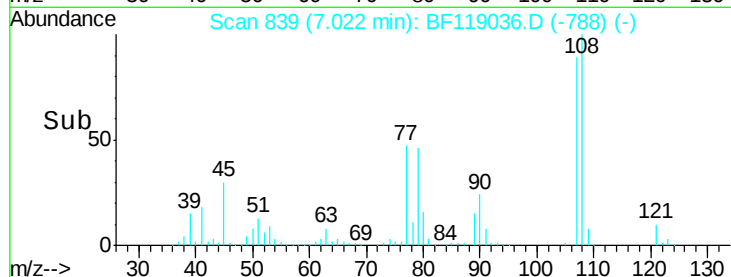
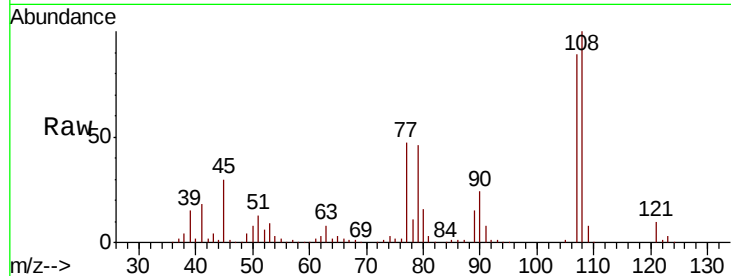
#17
2-Methylphenol
Concen: 43.374 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.7	131.5
77	52.1	36.8	55.2
79	51.4	36.4	54.6

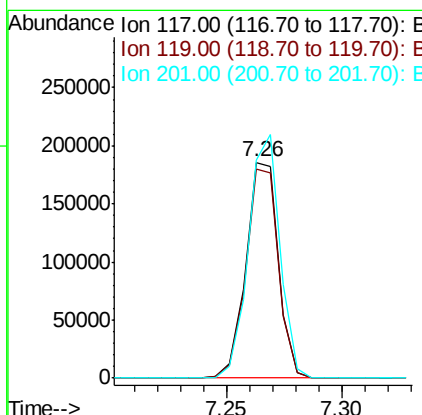
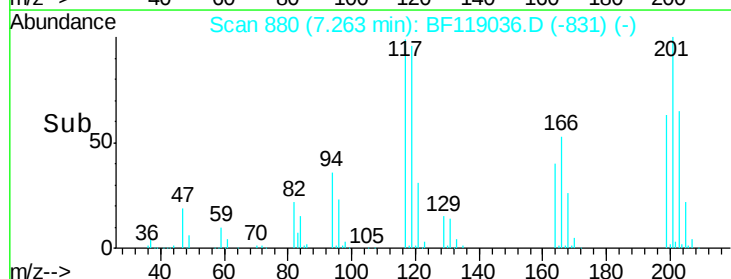
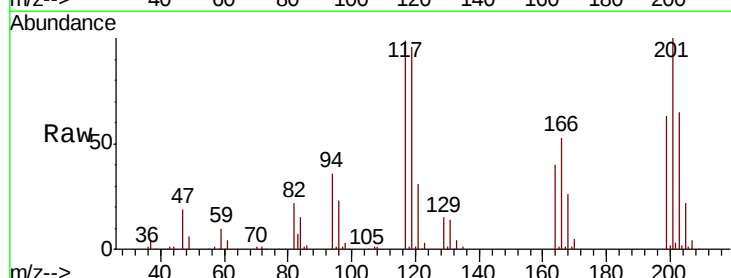
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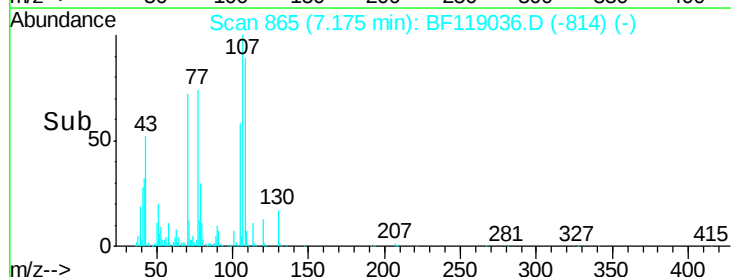
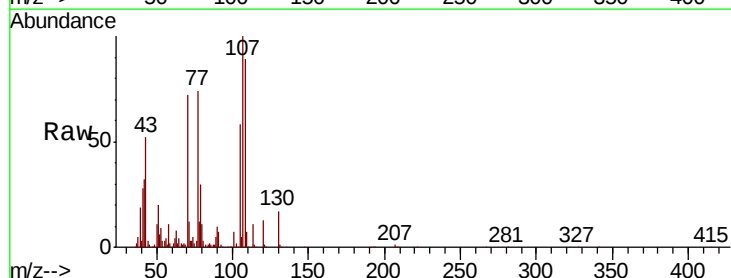
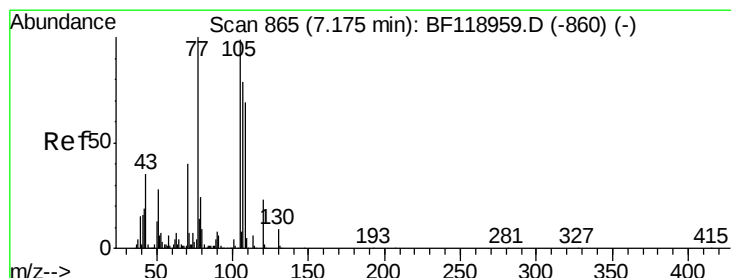
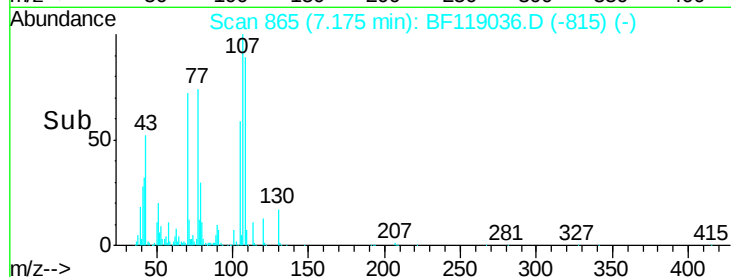
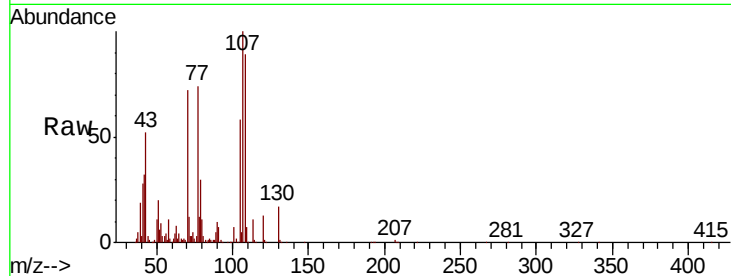
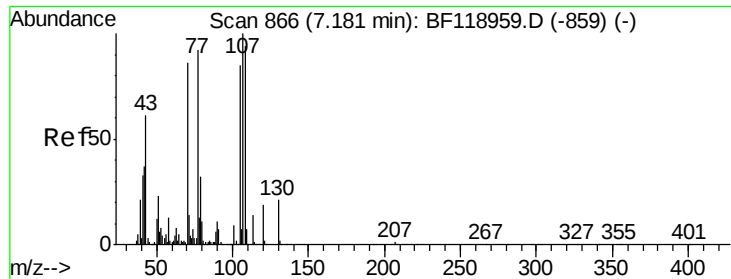
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#18
Hexachloroethane
Concen: 41.627 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.6
201	101.0	86.4	129.6





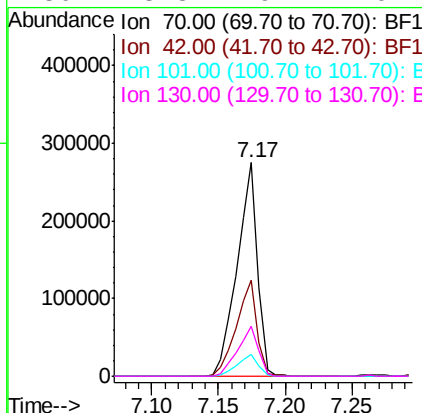
#19
n-Nitroso-di-n-propylamine
Concen: 43.970 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	34.6	51.8
101	10.0	8.1	12.1
130	23.3	19.4	29.2

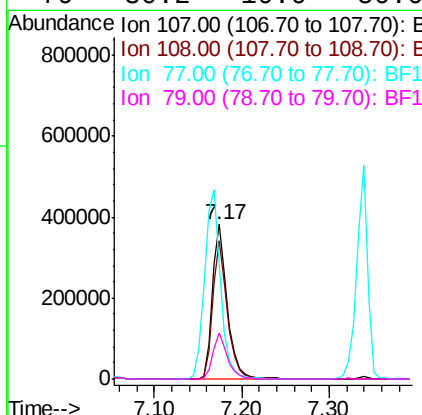
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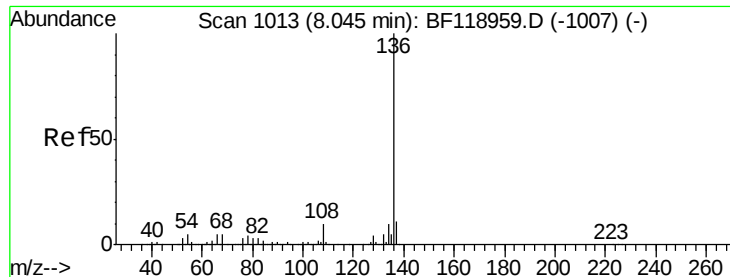
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#20
3+4-Methylphenols
Concen: 43.971 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.0	107.0
77	74.5	106.2	146.2#
79	30.2	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

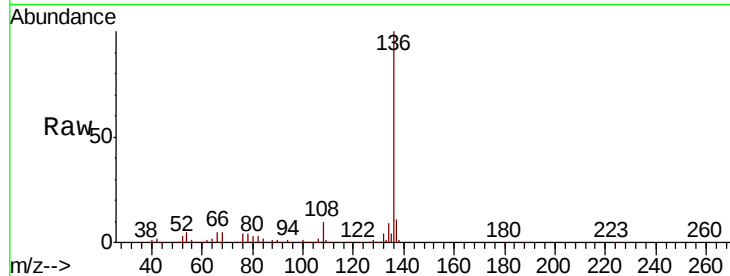
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		592294		
137	11.0	8.9	13.3		
54	5.3	3.8	5.6		
68	5.4	4.2	6.2		

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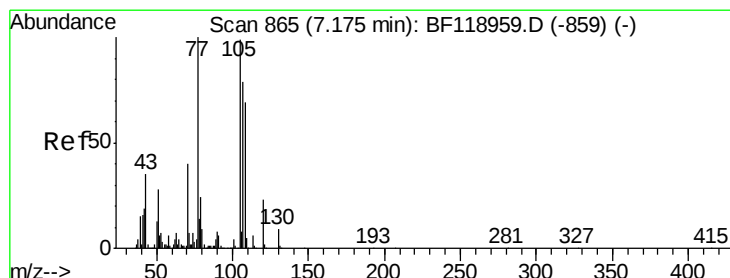
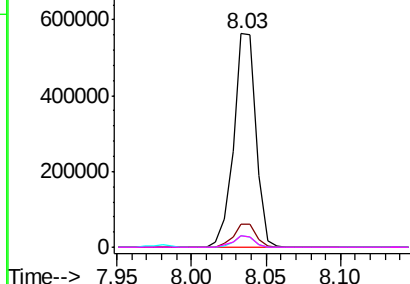
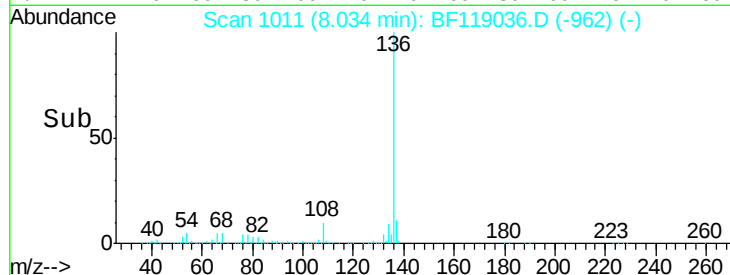
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.351 ng

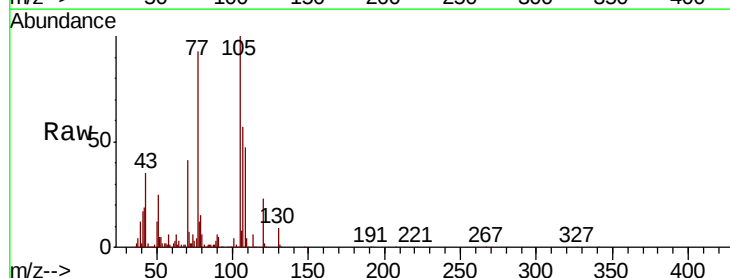
RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		594087		
71	7.1	5.4	8.0		
51	25.2	22.5	33.7		
120	23.3	18.4	27.6		



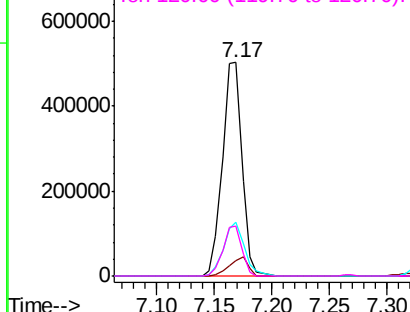
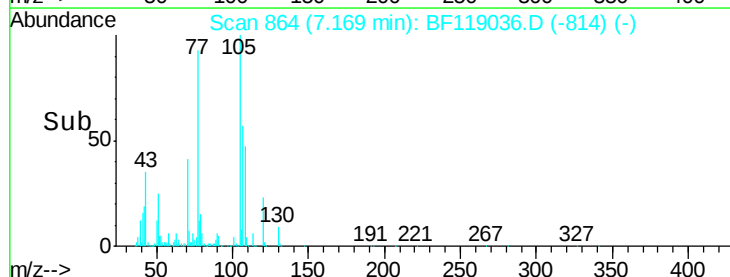
Abundance

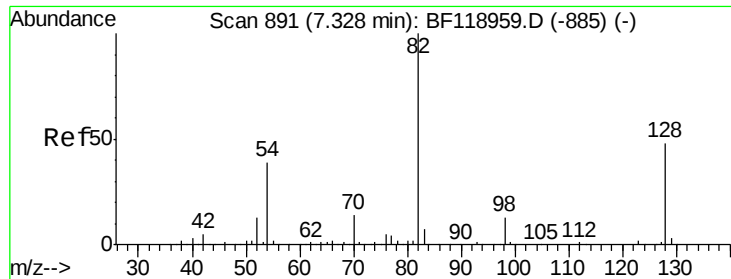
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





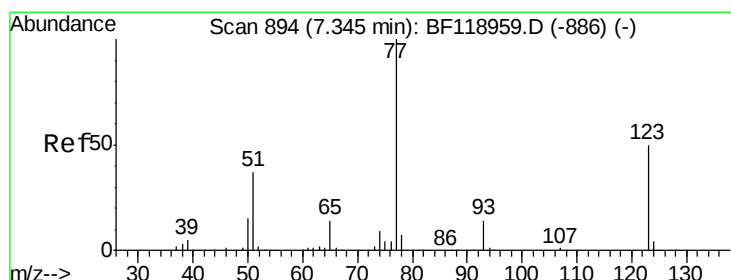
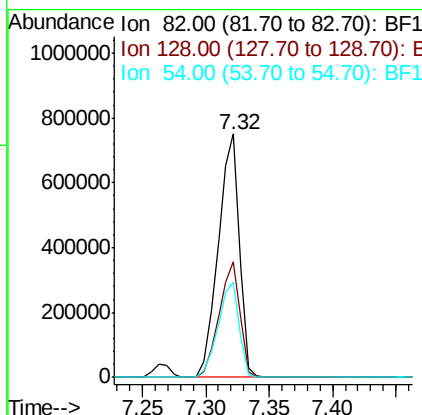
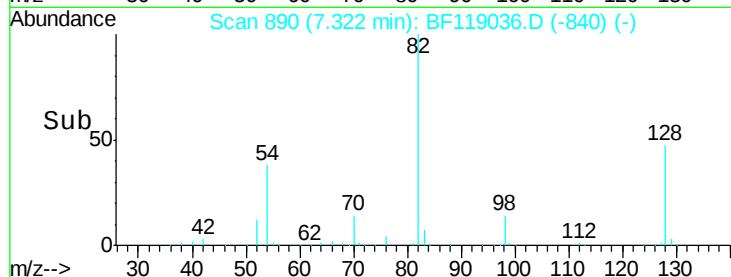
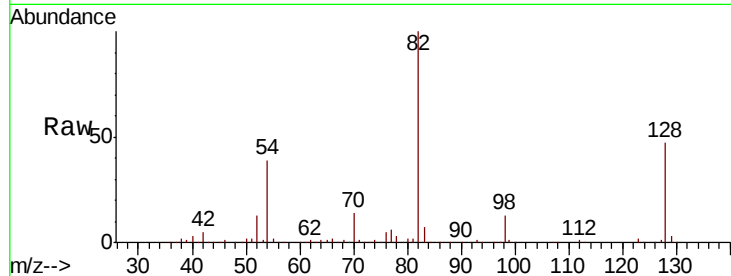
#23
Nitrobenzene-d5
Concen: 77.780 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.2	57.2
54	38.9	31.3	46.9

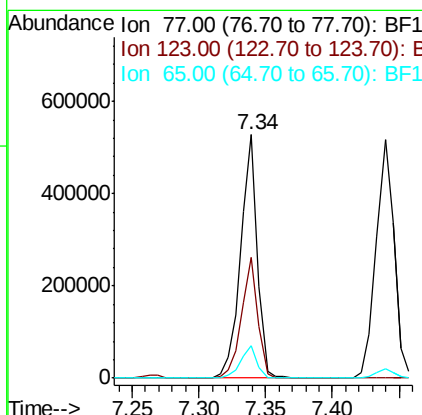
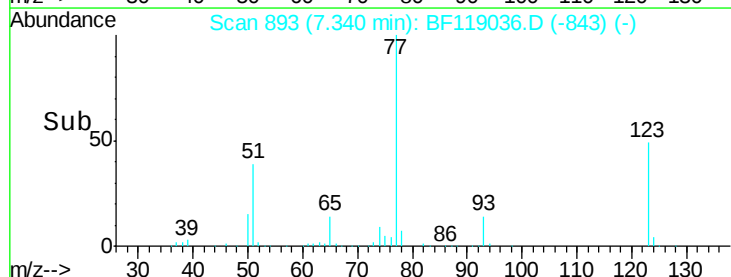
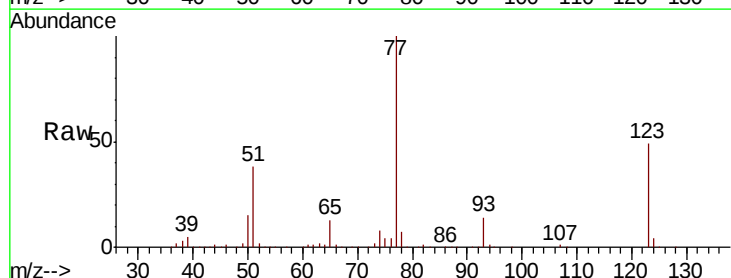
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#24
Nitrobenzene
Concen: 41.611 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	40.1	60.1
65	13.3	10.9	16.3





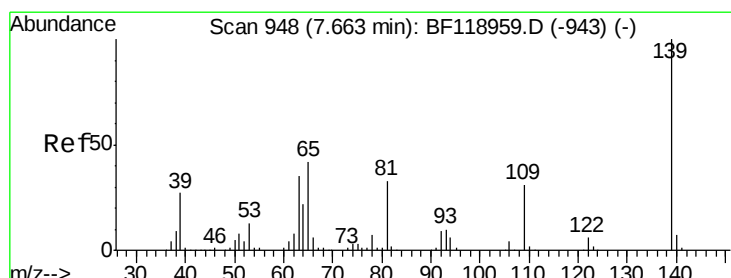
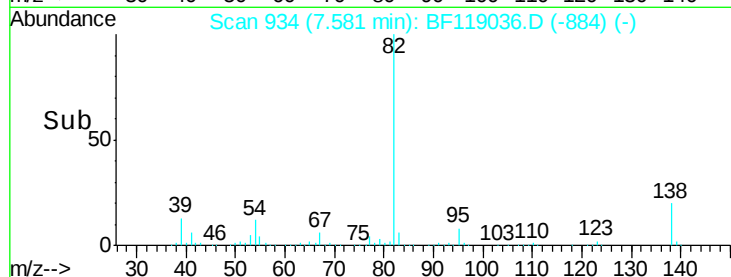
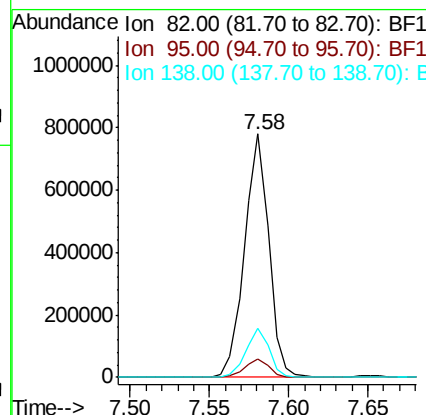
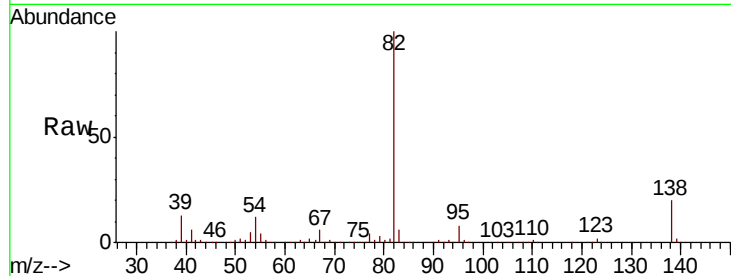
#25
Isophorone
Concen: 42.344 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	6.1	9.1	
138	19.9	15.8	23.6	

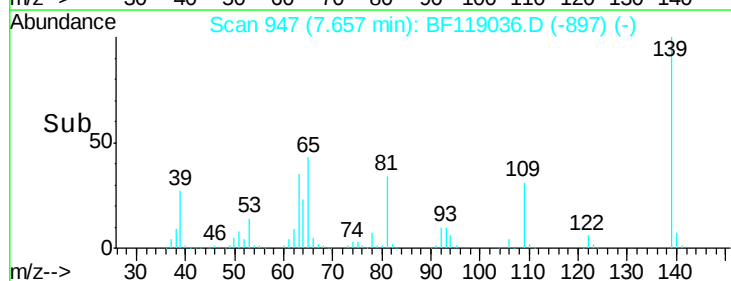
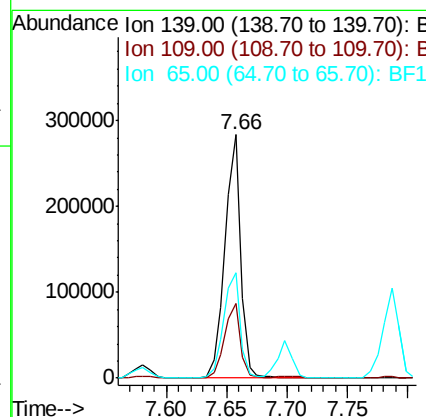
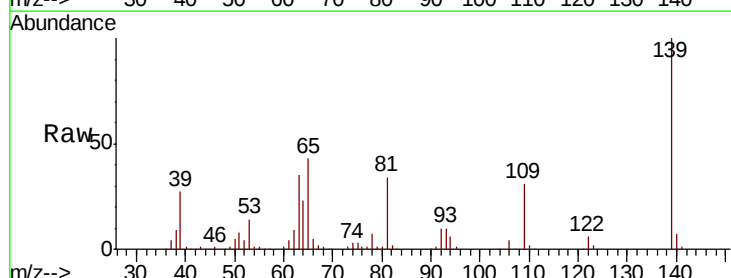
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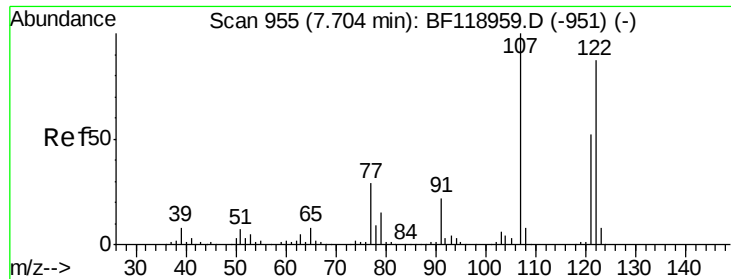
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#26
2-Nitrophenol
Concen: 43.307 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.7	24.6	36.8	
65	43.2	33.6	50.4	





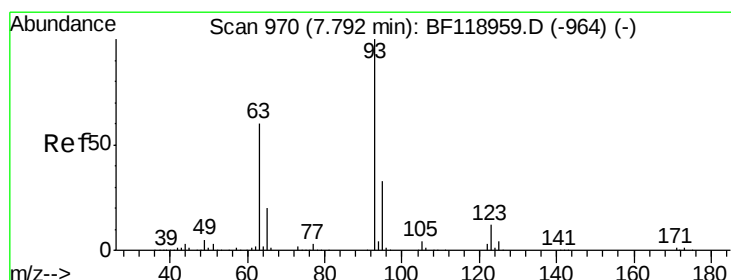
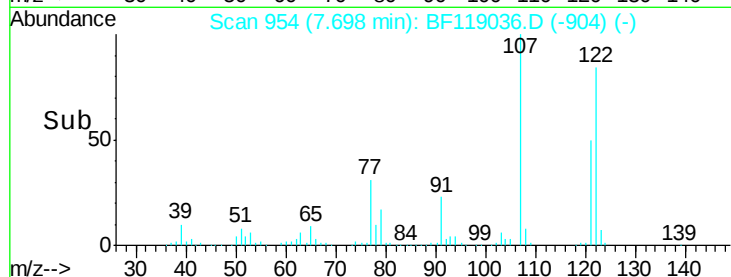
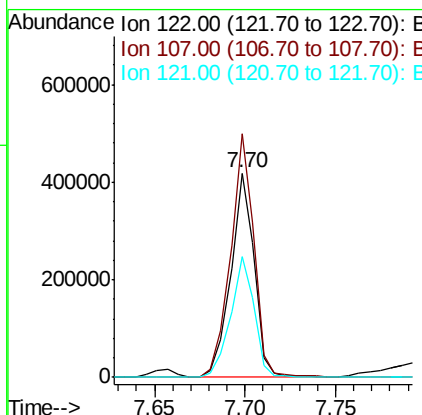
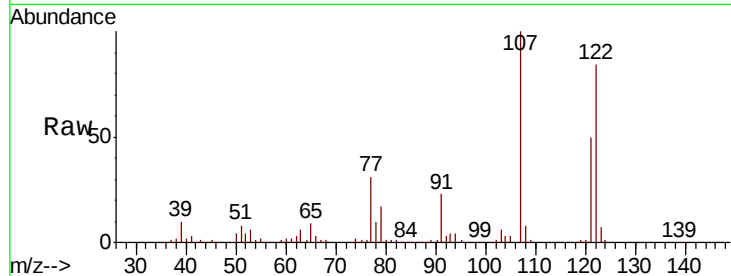
#27
2,4-Dimethylphenol
Concen: 47.473 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	378700		
107	119.1	91.8	137.8	
121	59.0	47.4	71.0	

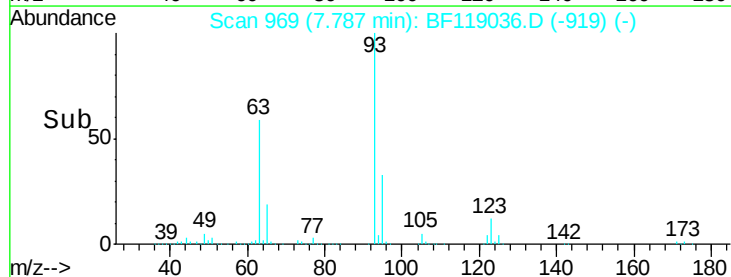
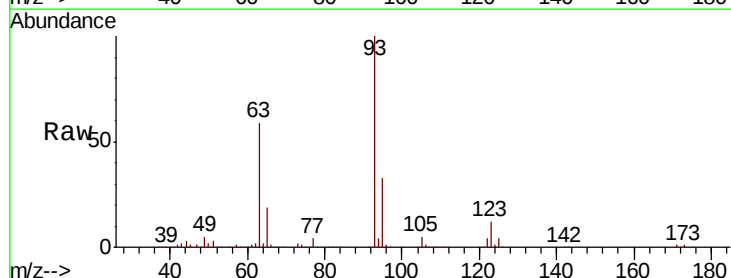
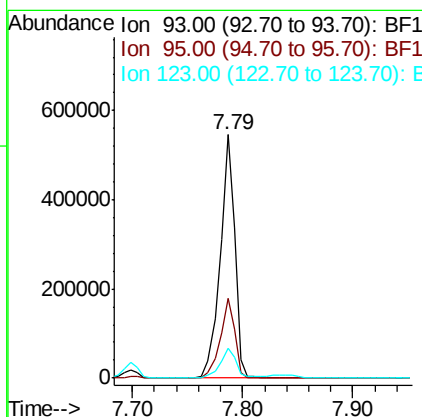
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#28
bis(2-Chloroethoxy)methane
Concen: 39.804 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	504739		
95	33.0	26.3	39.5	
123	12.1	9.8	14.8	





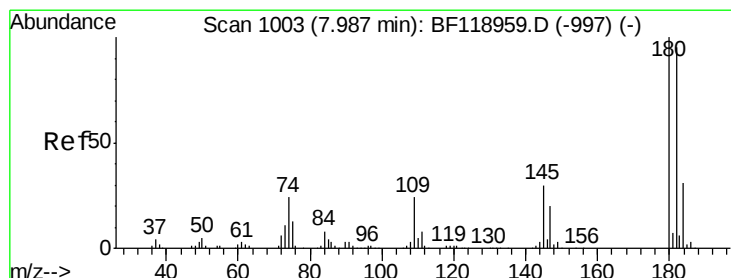
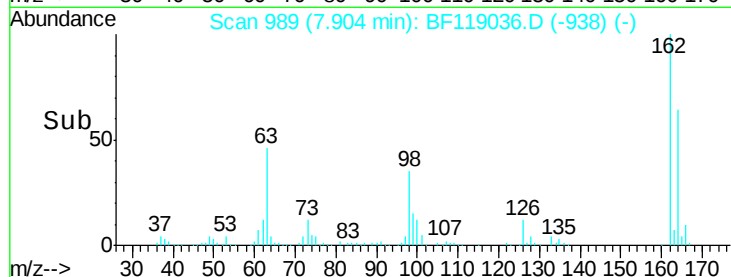
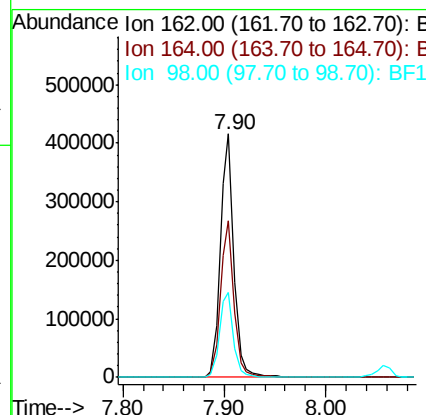
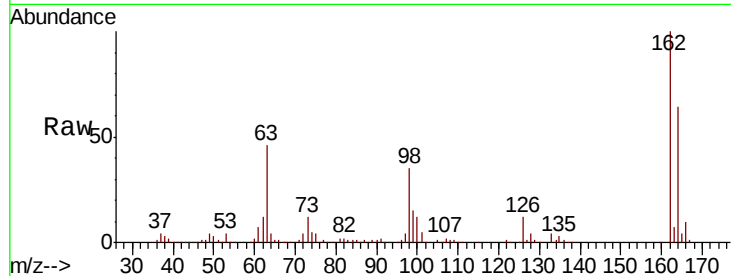
#29
2,4-Dichlorophenol
Concen: 41.044 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	385444		
164	64.4	44.1	84.1	
98	35.0	16.4	56.4	

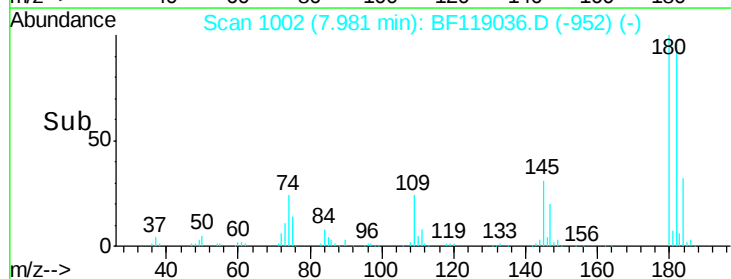
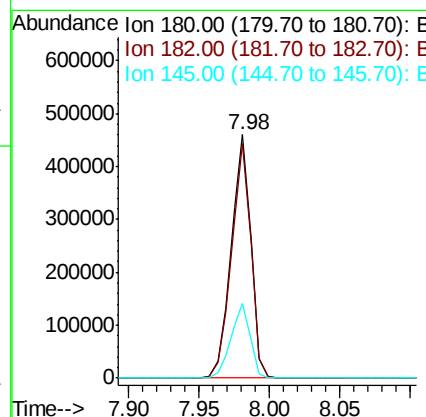
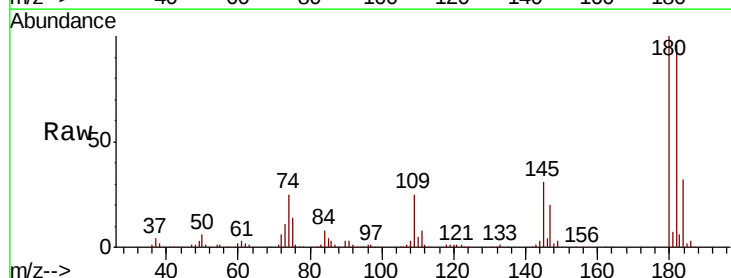
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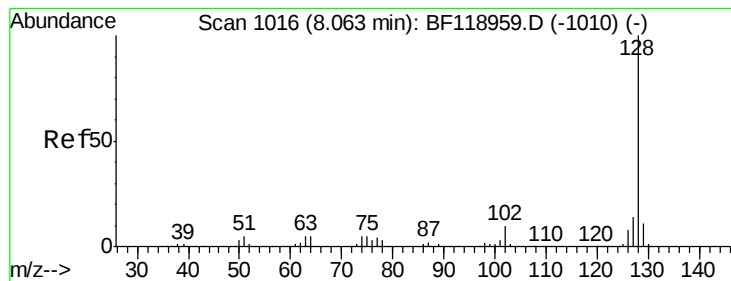
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.698 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	442011		
182	96.1	75.8	113.8	
145	30.9	24.2	36.2	





#31

Naphthalene

Concen: 41.652 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:128 Resp: 1279427

Ion Ratio Lower Upper

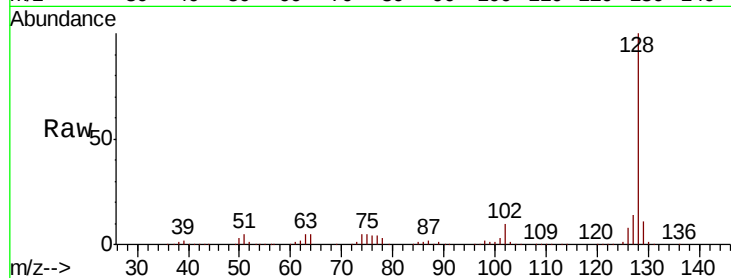
128 100

129 11.2 9.0 13.4

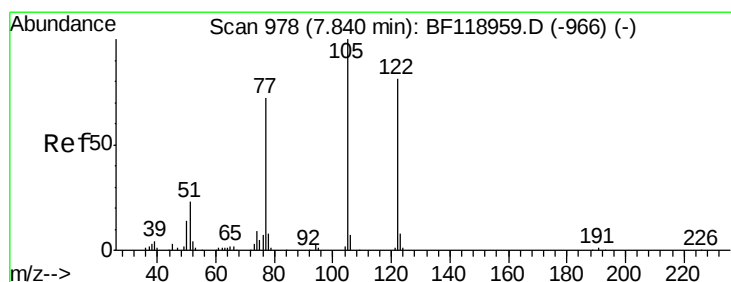
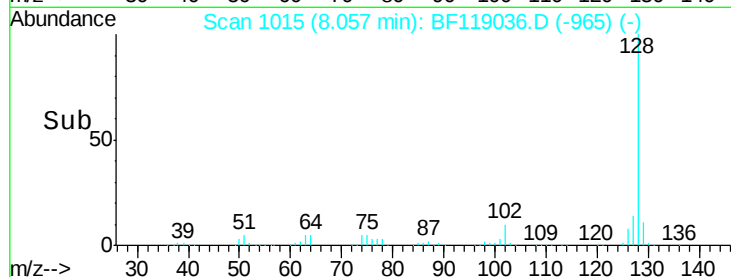
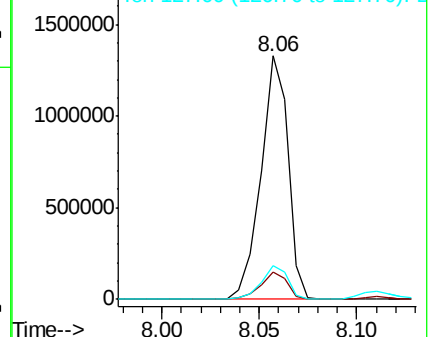
127 13.7 10.9 16.3

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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: 44.756 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

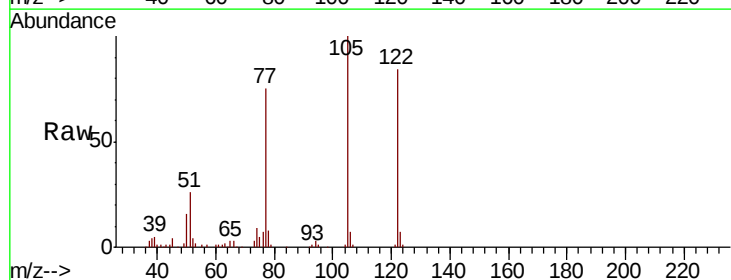
Tgt Ion:122 Resp: 257452

Ion Ratio Lower Upper

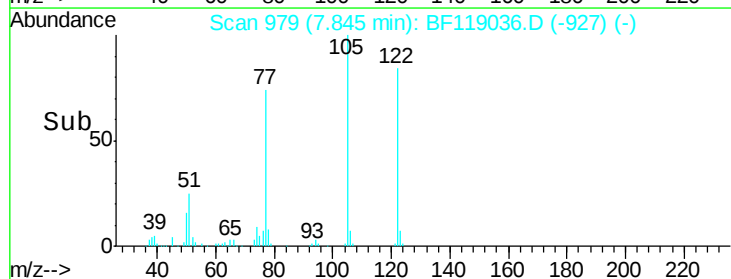
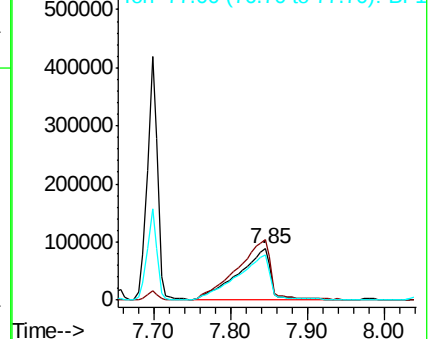
122 100

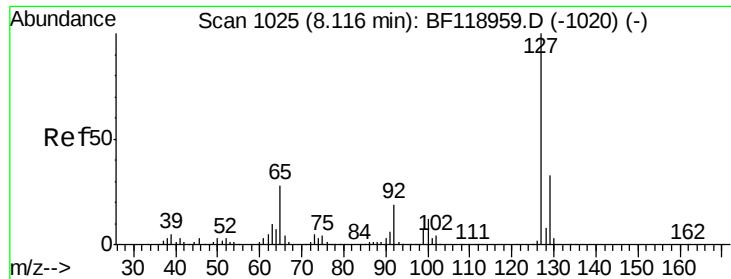
105 118.4 102.2 142.2

77 88.5 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





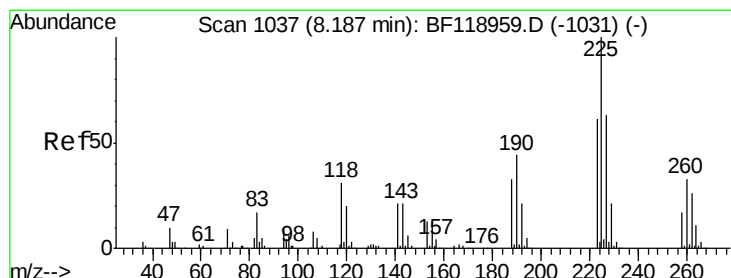
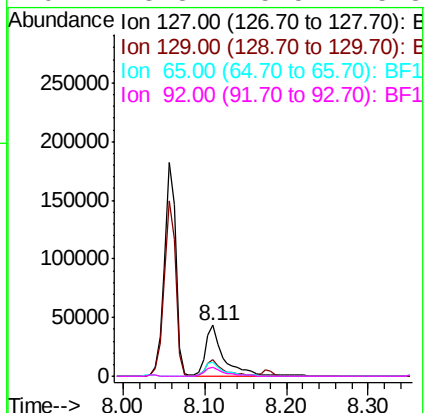
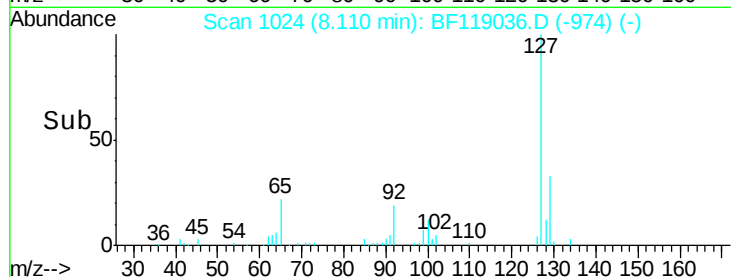
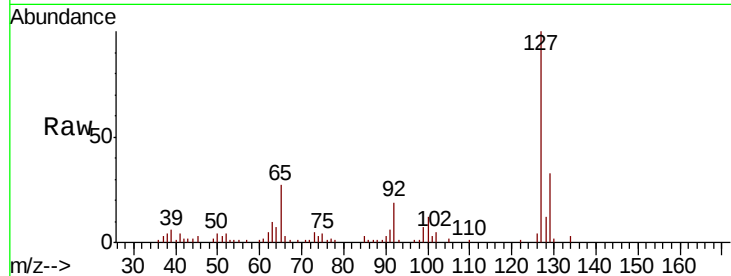
#33
4-Chloroaniline
Concen: 5.262 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		69523		
129	32.7	26.2	39.2		
65	26.7	22.0	33.0		
92	18.8	15.5	23.3		

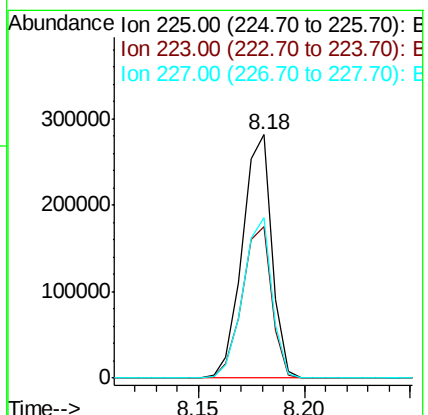
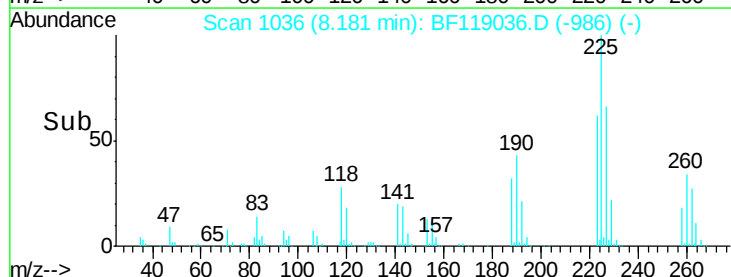
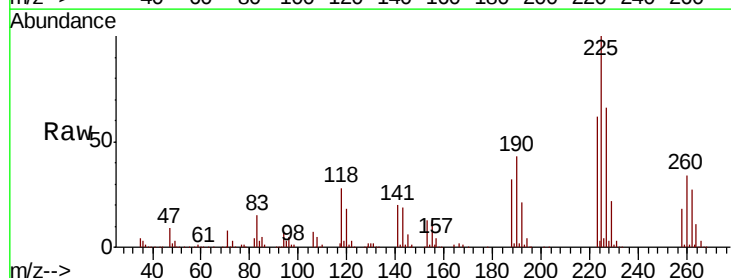
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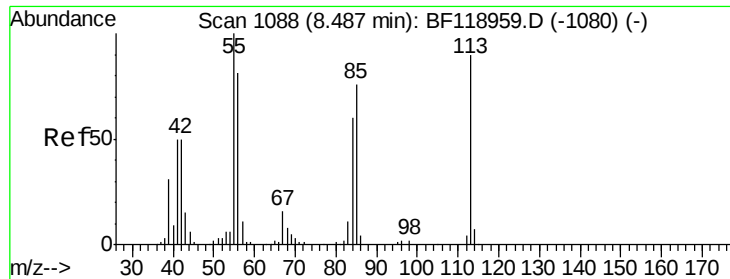
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#34
Hexachlorobutadiene
Concen: 39.308 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		272621		
223	62.2	48.9	73.3		
227	65.9	50.4	75.6		





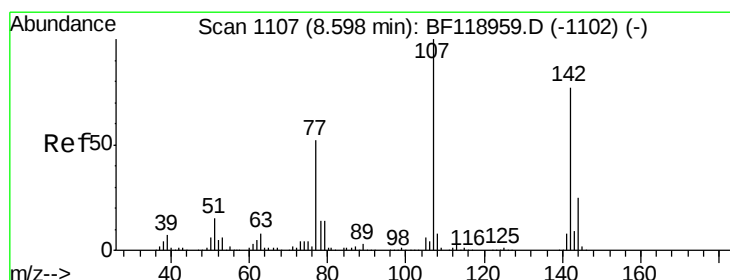
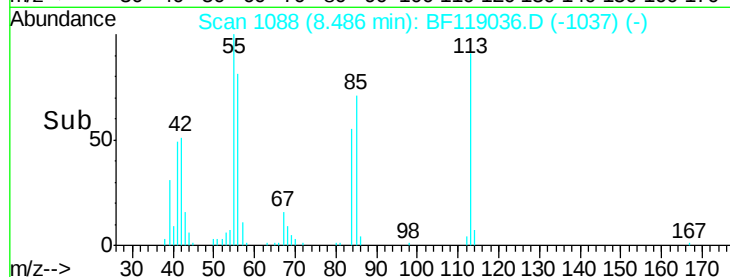
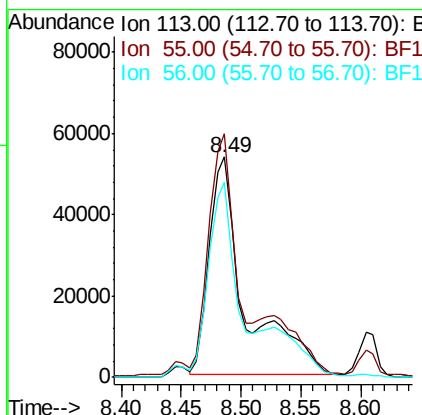
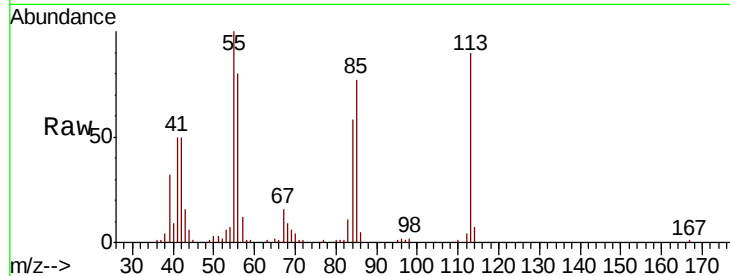
#35
Caprolactam
Concen: 38.706 ng/ml
RT: 8.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		111921		
55	110.7		90.8	130.8	
56	88.9		70.0	110.0	

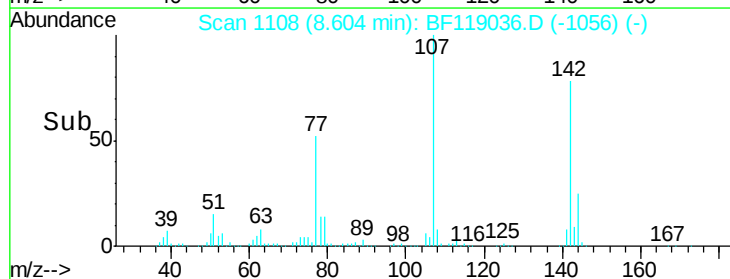
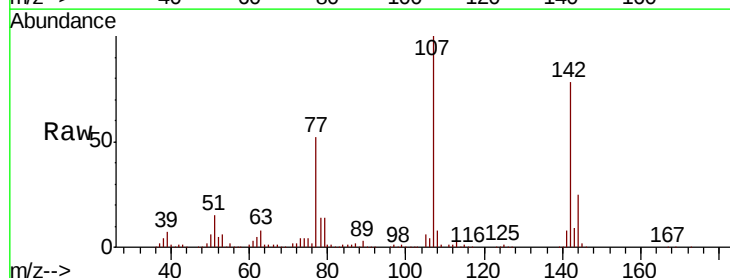
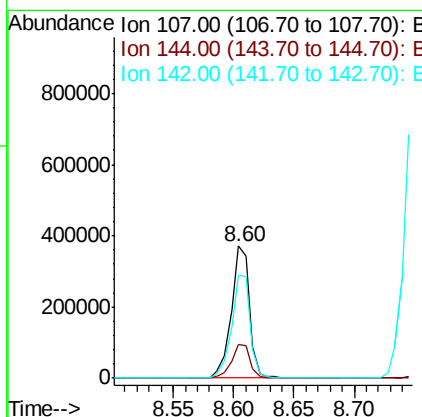
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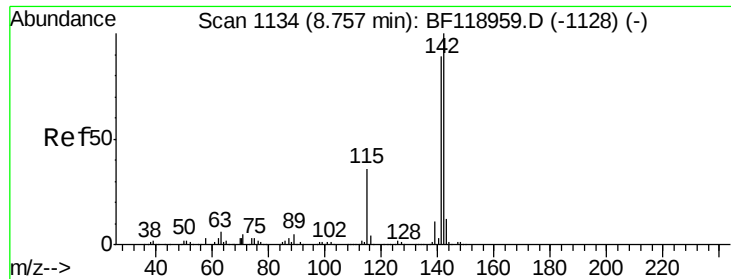
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.023 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		389882		
144	25.2		19.8	29.8	
142	78.1		61.3	91.9	





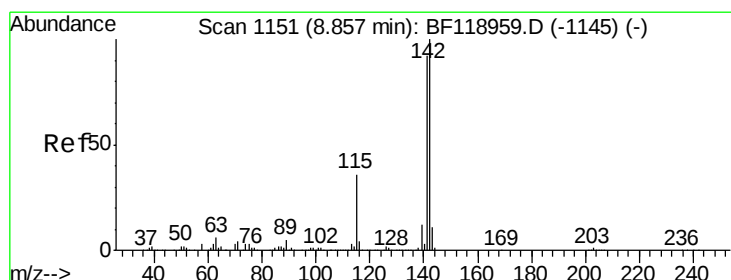
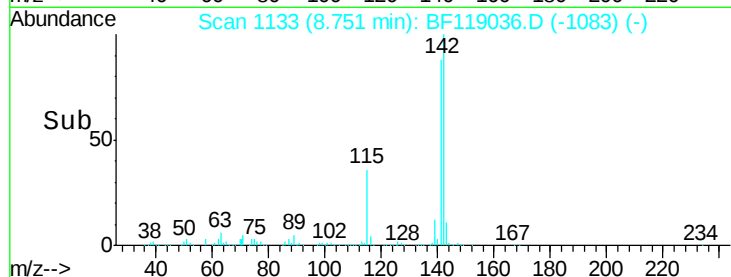
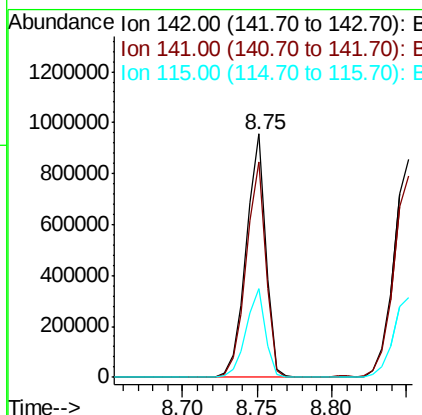
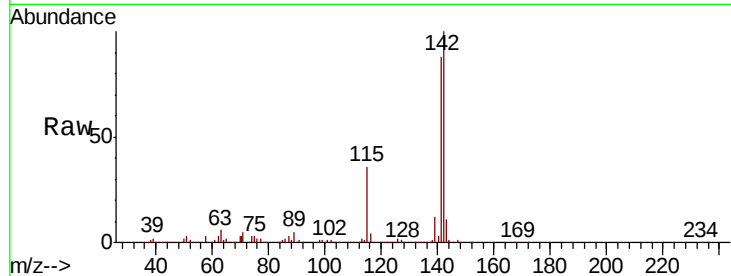
#37
2-Methylnaphthalene
Concen: 41.967 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4
115	36.2	28.6	42.8

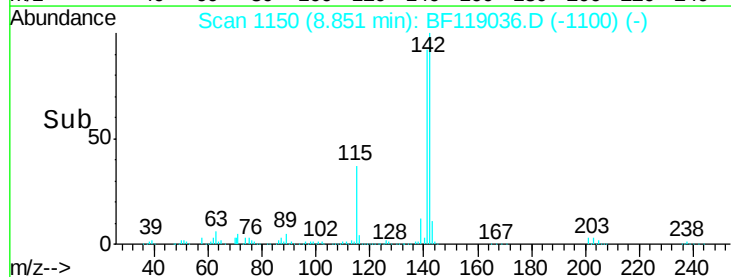
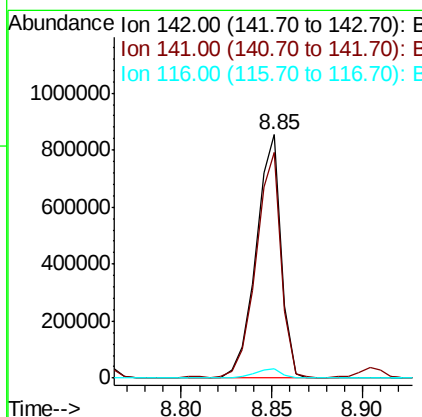
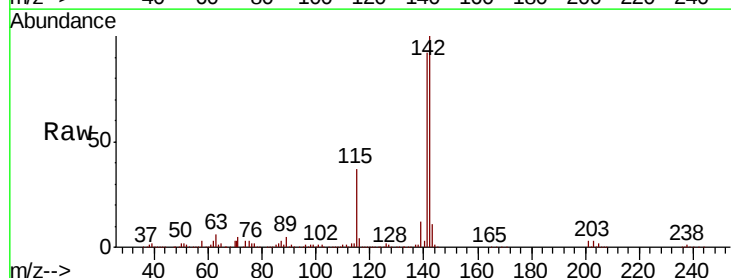
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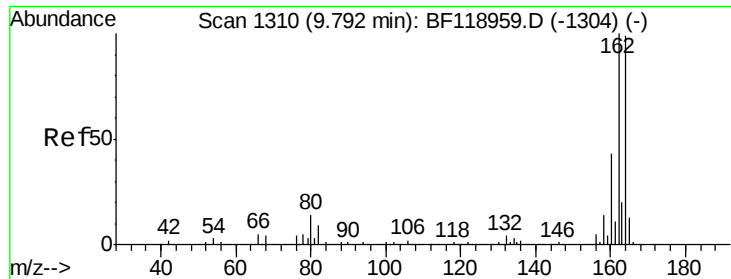
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#38
1-Methylnaphthalene
Concen: 41.933 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
116	3.9	3.0	4.6





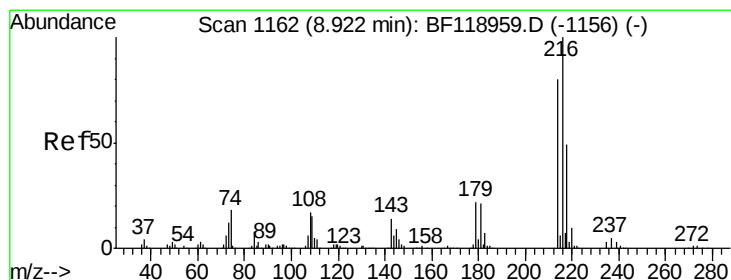
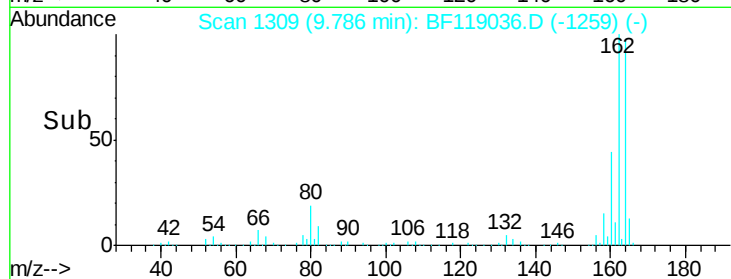
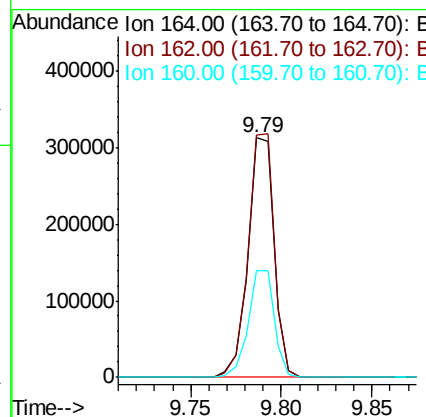
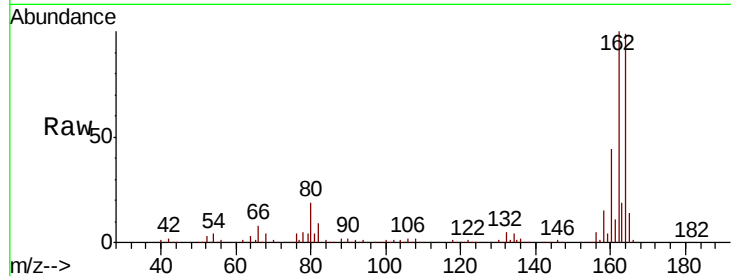
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	81.2	121.8	
160	44.4	35.2	52.8	

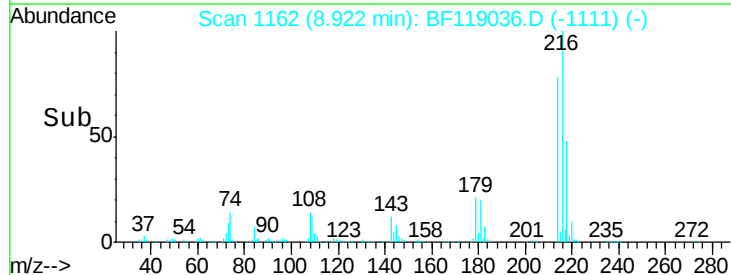
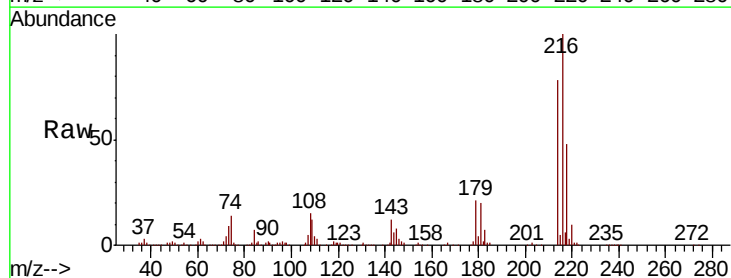
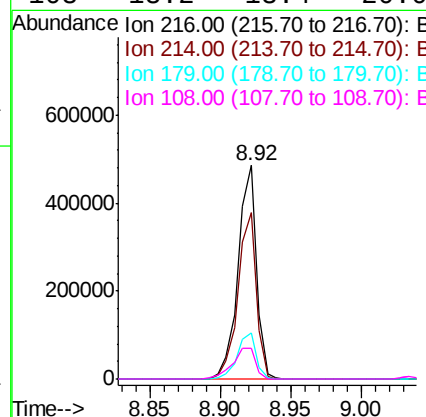
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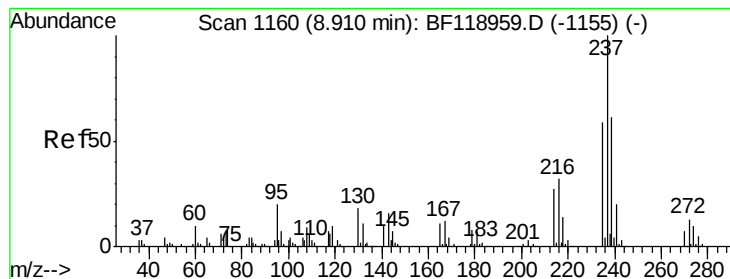
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.837 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.1	94.7	
179	21.7	17.2	25.8	
108	18.2	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 76.494 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

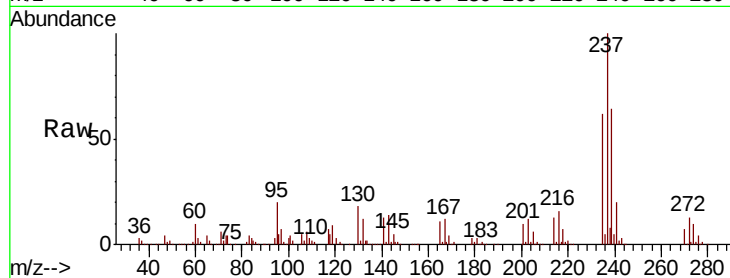
ClientSampleId :

DUNR-TS001-01MSD

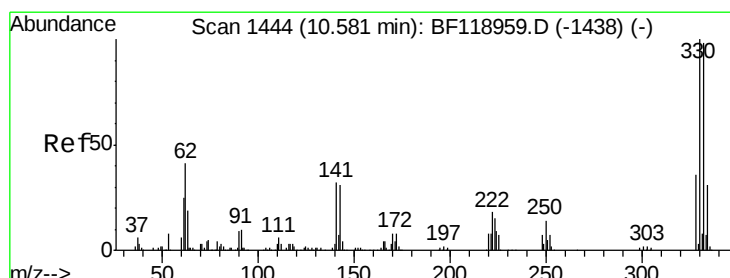
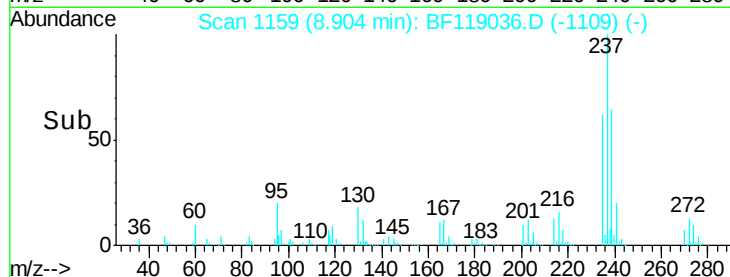
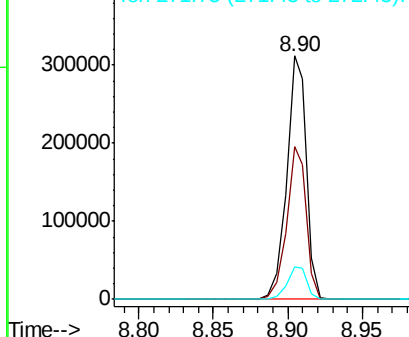
Tot Ion:	237	Resp:	290527
Ion Ratio	Lower	Upper	
237	100		
235	62.5	39.4	79.4
272	13.2	0.0	32.6

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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: 107.889 ng

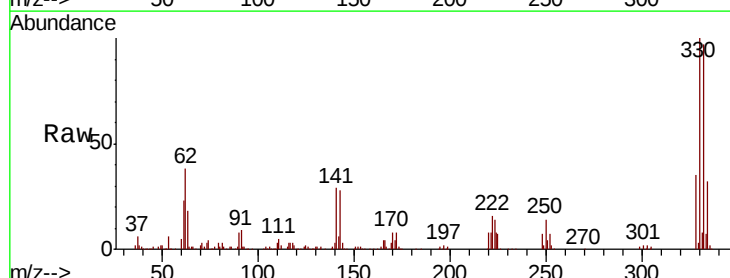
RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

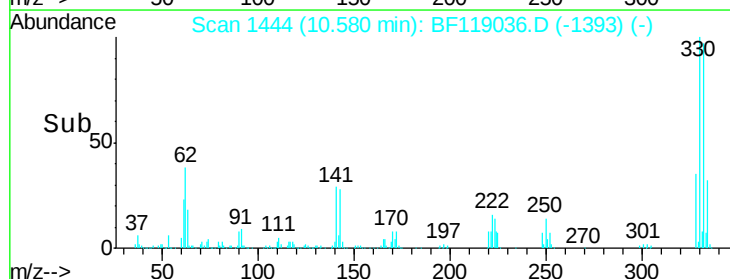
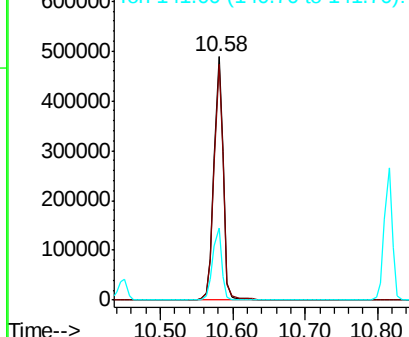
Lab File: BF119036.D

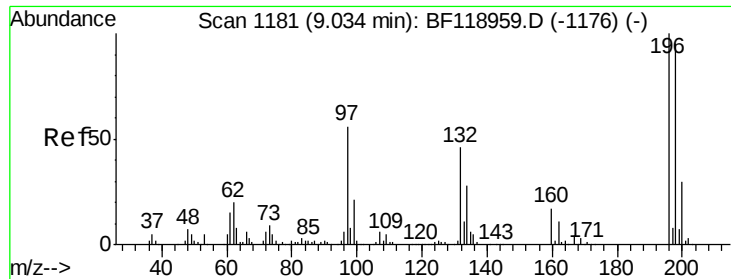
Acq: 24 Feb 2020 22:29

Tgt Ion:	330	Resp:	439468
Ion Ratio	Lower	Upper	
330	100		
332	96.7	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





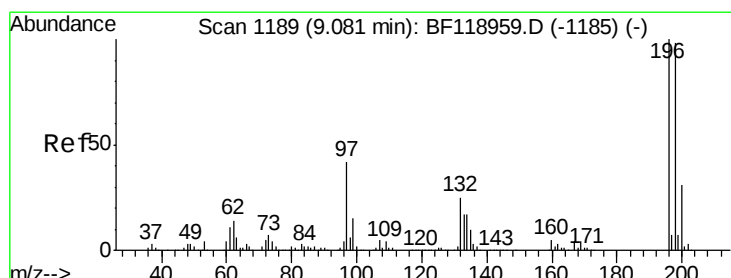
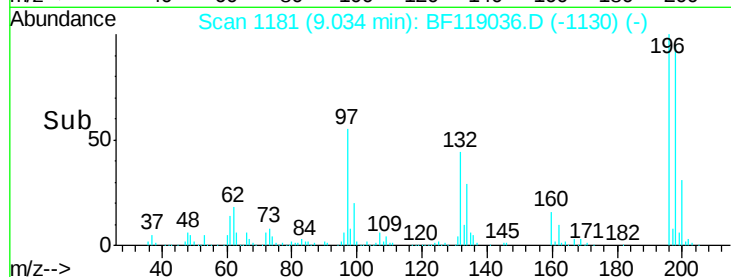
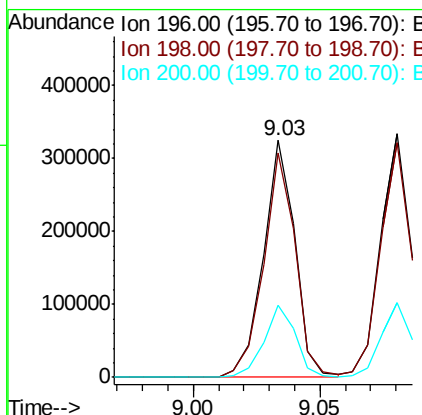
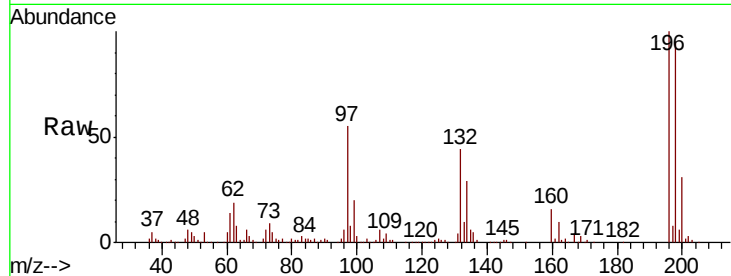
#43
 2,4,6-Trichlorophenol
 Concen: 42.808 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283803		
198	94.8	75.8	113.6	
200	30.5	24.1	36.1	

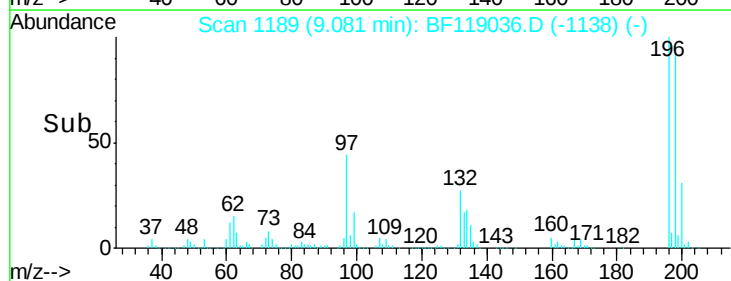
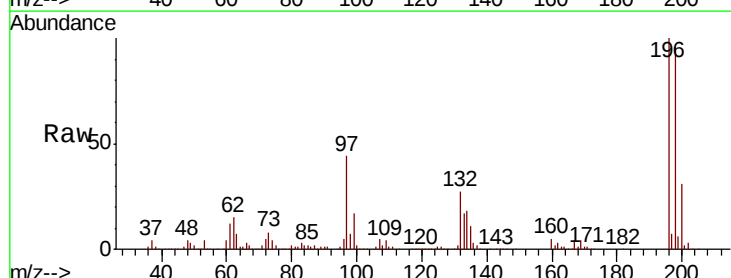
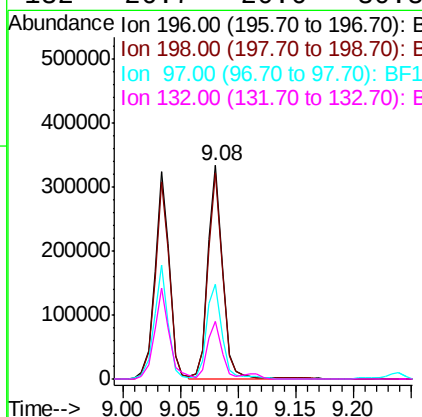
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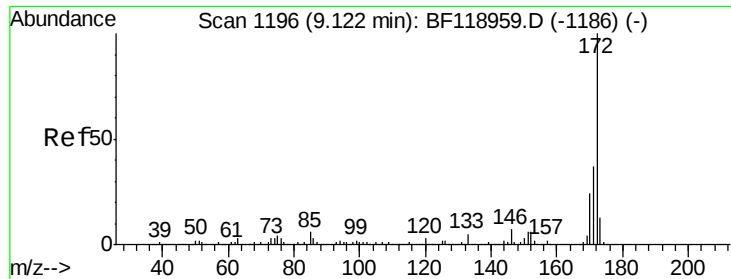
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.398 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294954		
198	96.4	78.4	117.6	
97	44.4	33.4	50.0	
132	26.7	20.6	30.8	





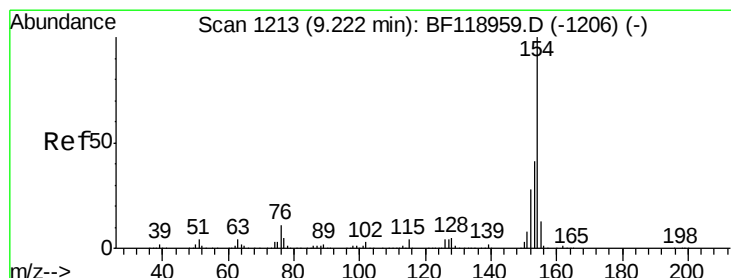
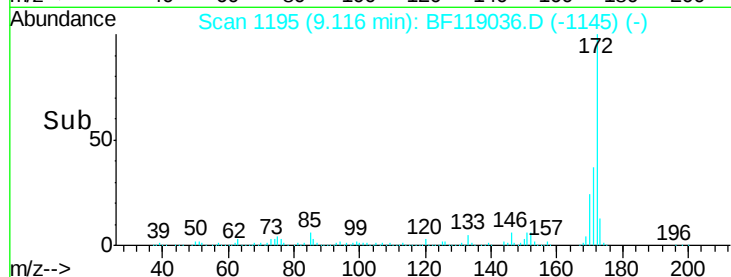
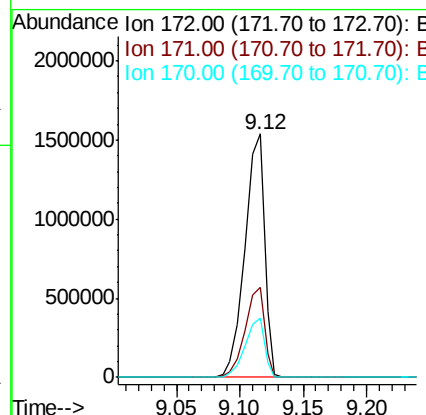
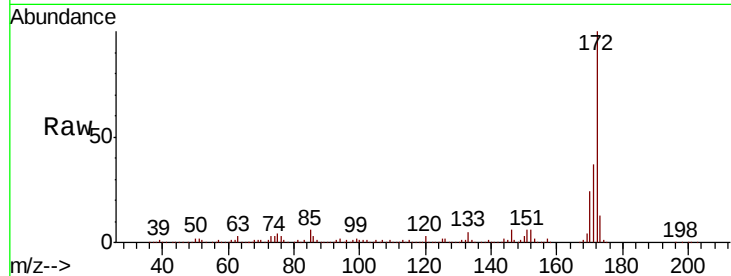
#45
2-Fluorobiphenyl
Concen: 77.685 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.1	19.6	29.4

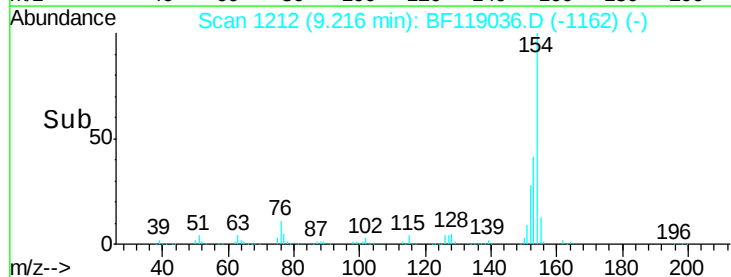
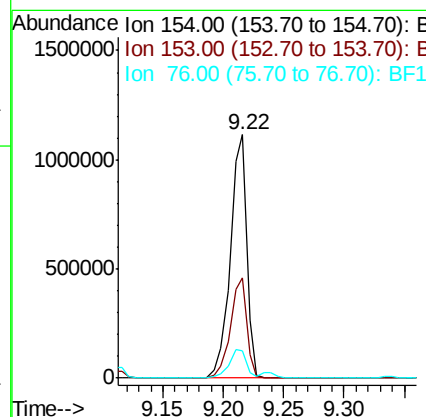
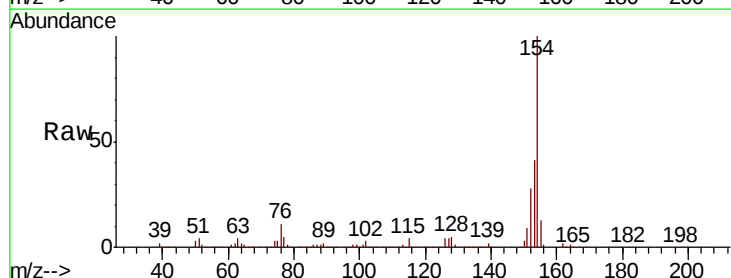
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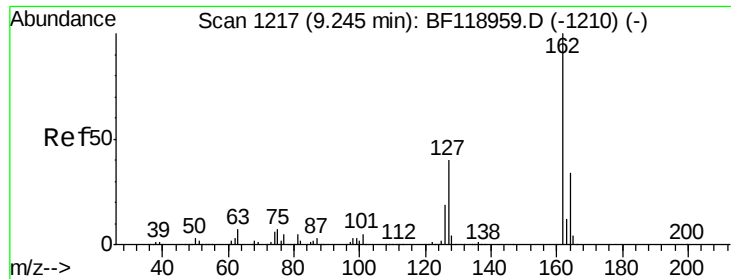
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#46
1,1'-Biphenyl
Concen: 41.623 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	11.1	0.0	31.1





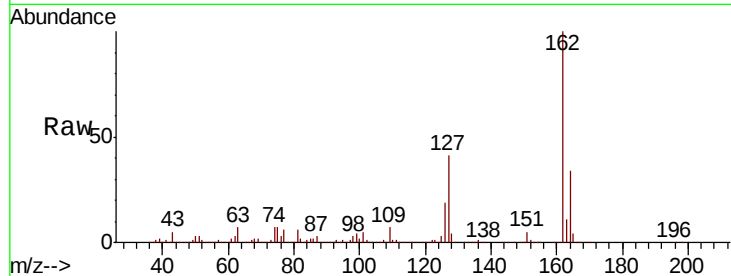
#47
2-Chloronaphthalene
Concen: 40.033 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

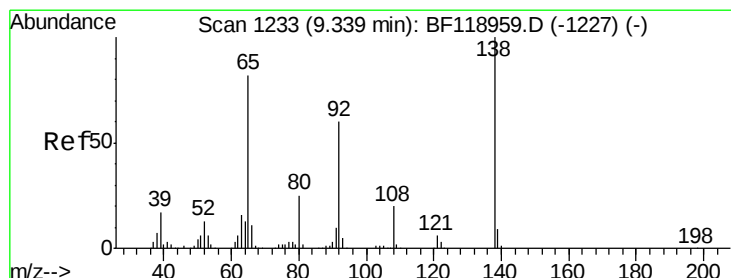
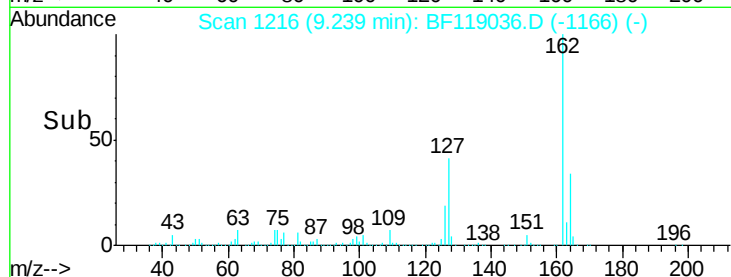
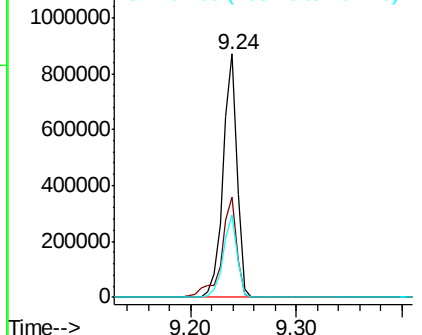
Tot Ion:	162	Resp:	811853
Ion Ratio	Lower	Upper	
162	100		
127	41.3	31.9	47.9
164	33.7	26.8	40.2

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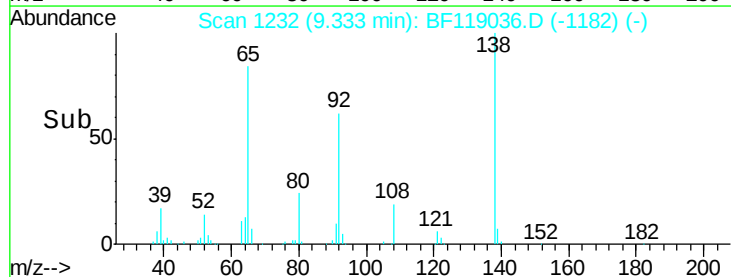
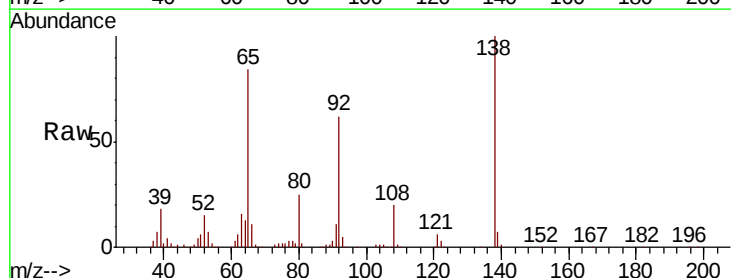
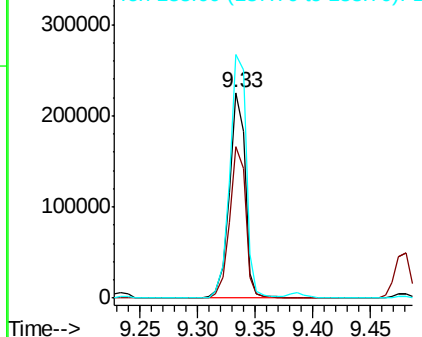
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

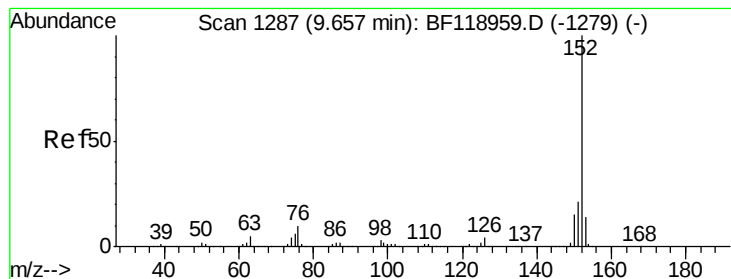


#48
2-Nitroaniline
Concen: 38.220 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:	65	Resp:	216186
Ion Ratio	Lower	Upper	
65	100		
92	73.8	58.6	87.8
138	118.4	97.5	146.3

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





#49

Acenaphthylene

Concen: 43.210 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:152 Resp: 1265609

Ion Ratio Lower Upper

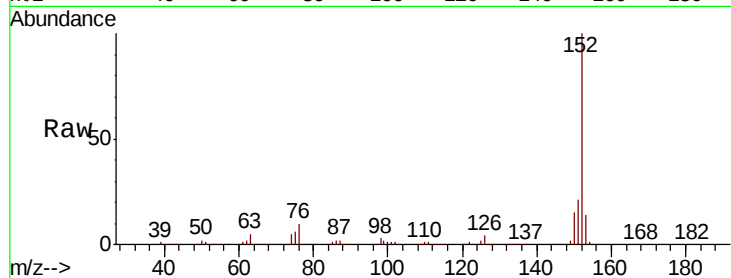
152 100

151 21.0 16.7 25.1

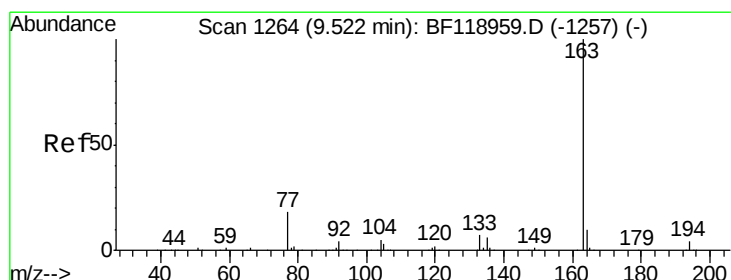
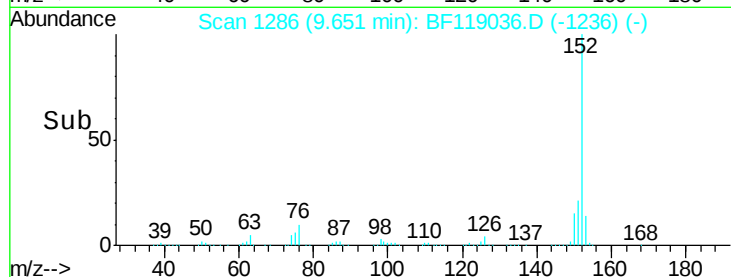
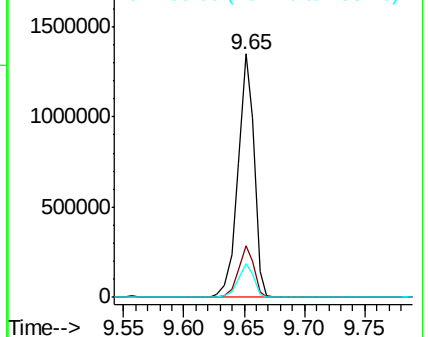
153 13.6 10.9 16.3

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



#50

Dimethylphthalate

Concen: 46.984 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

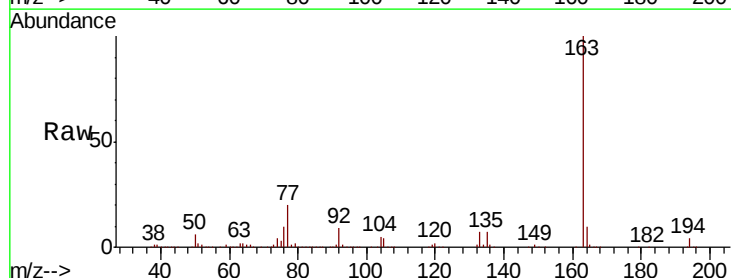
Tgt Ion:163 Resp: 1118699

Ion Ratio Lower Upper

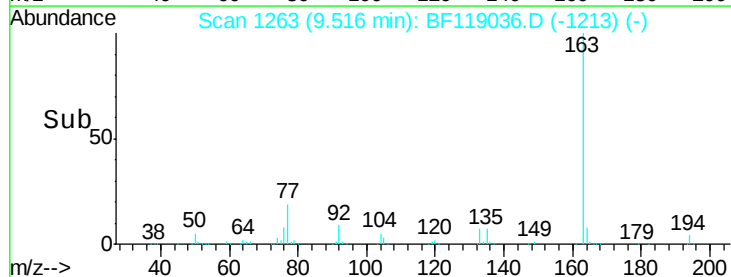
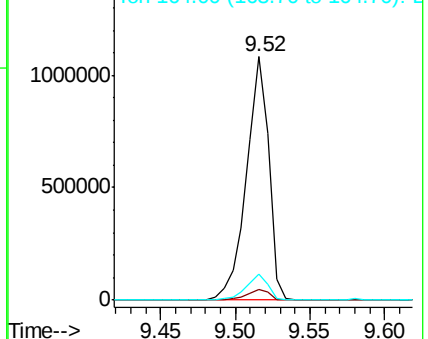
163 100

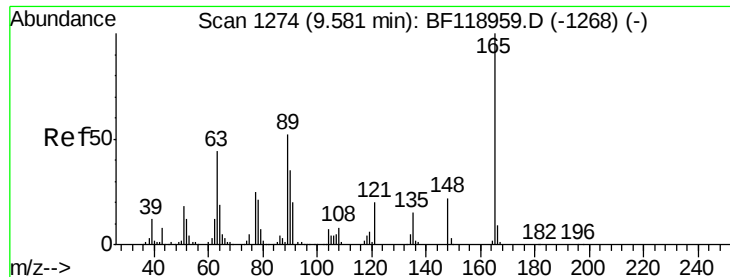
194 4.3 3.4 5.2

164 10.5 8.2 12.2



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





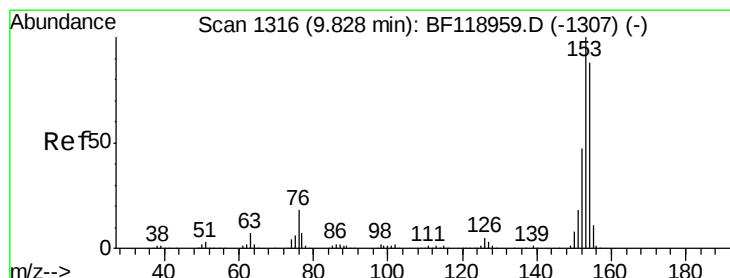
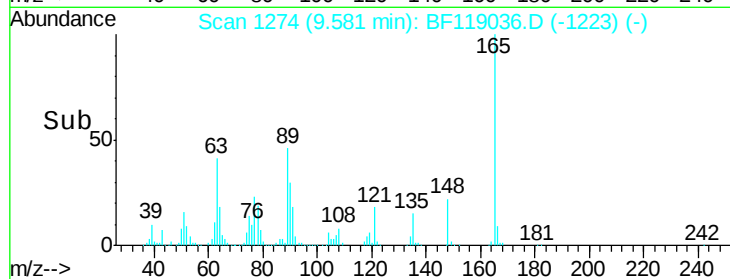
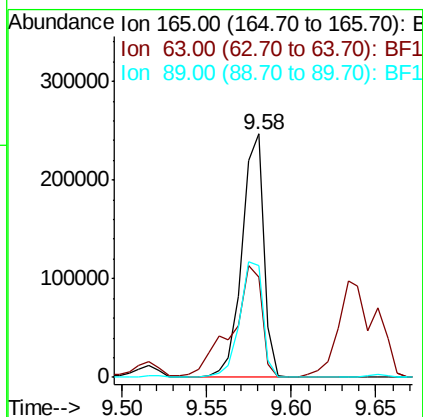
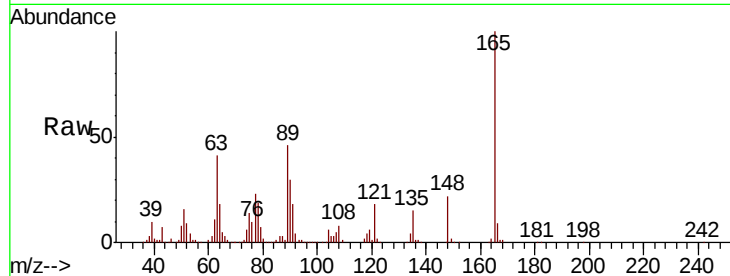
#51
2,6-Dinitrotoluene
Concen: 42.330 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	37.9	56.9
89	46.2	41.4	62.0

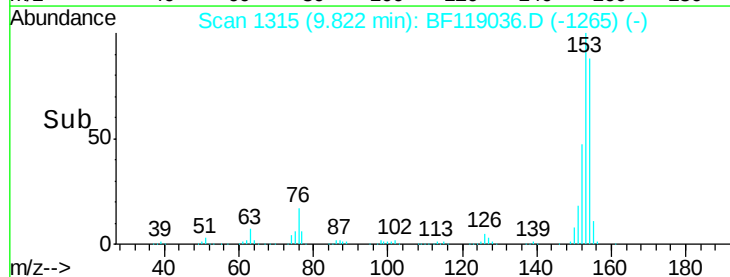
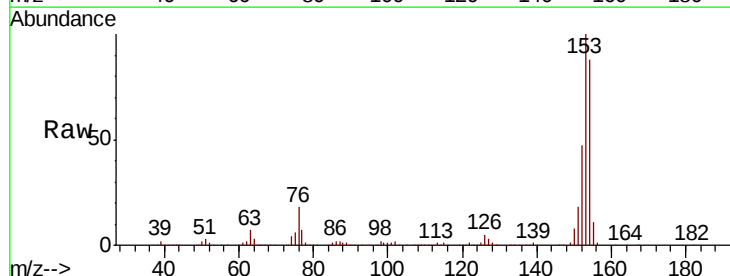
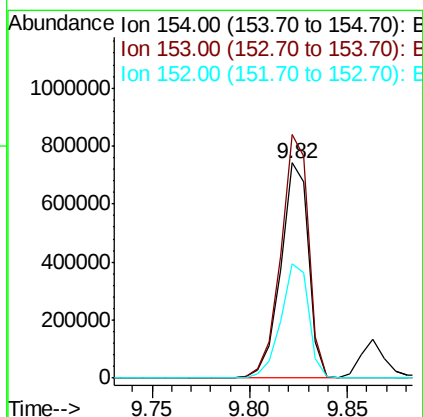
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#52
Acenaphthene
Concen: 41.414 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.4	135.6
152	53.2	42.9	64.3





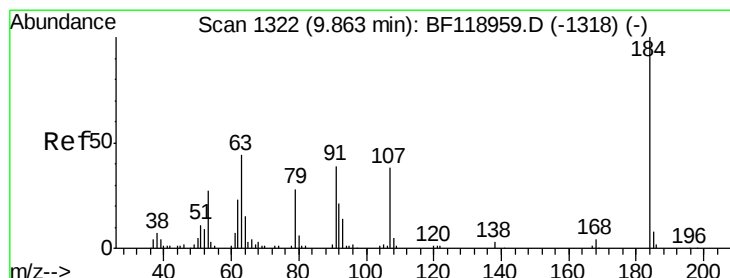
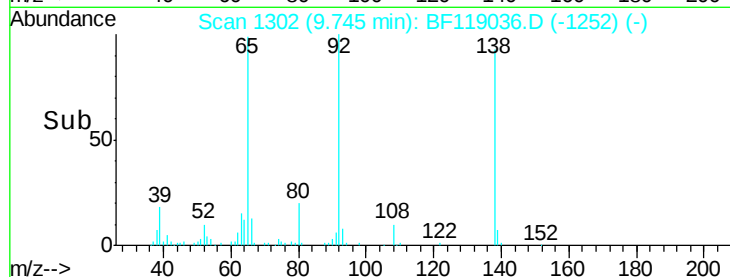
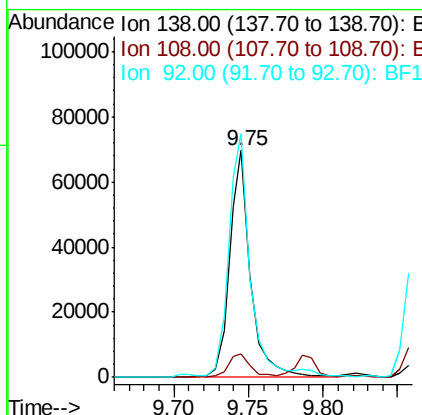
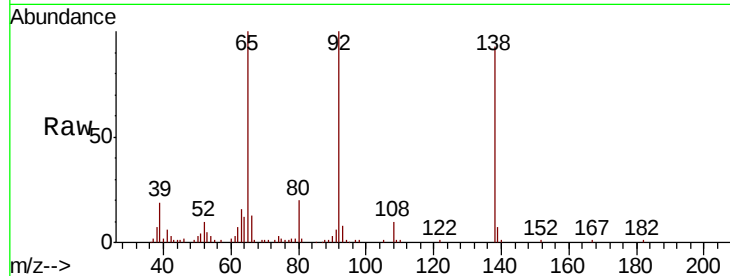
#53
3-Nitroaniline
Concen: 11.826 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	13.0
92	107.4	84.6	127.0

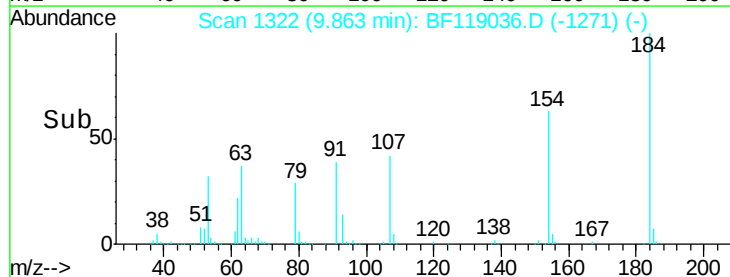
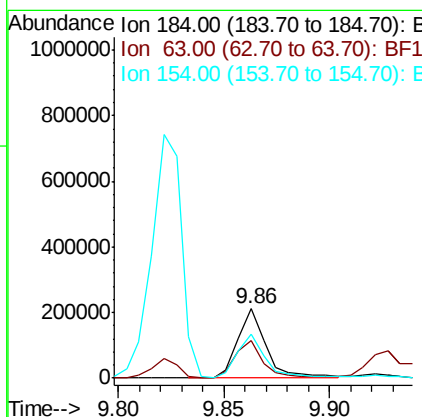
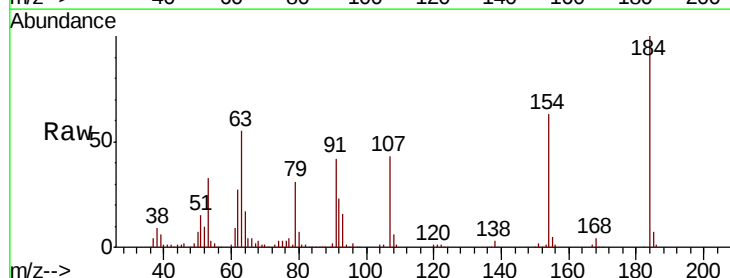
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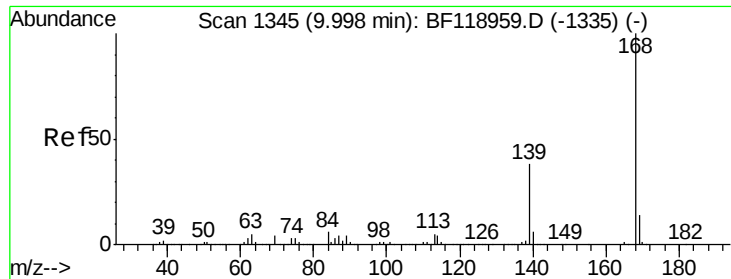
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#54
2,4-Dinitrophenol
Concen: 77.010 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	37.8	56.6
154	63.3	47.6	71.4





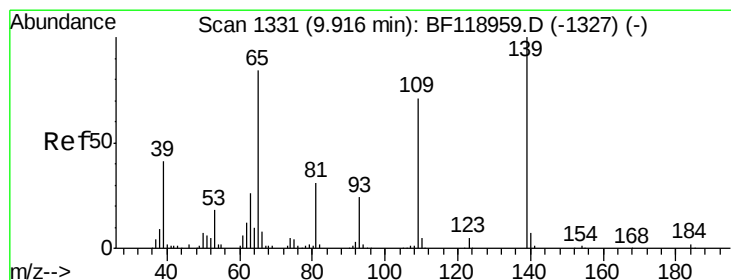
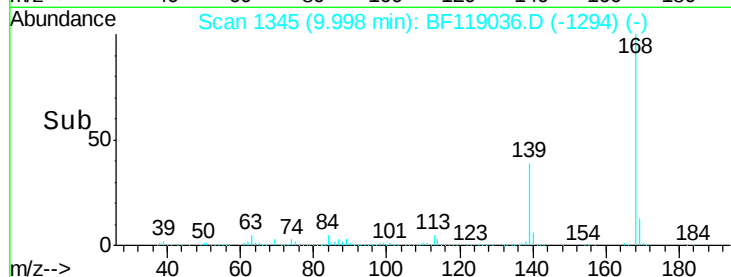
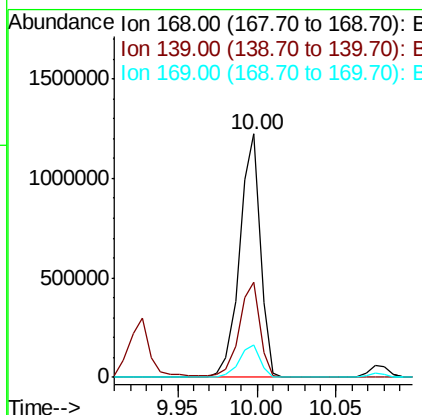
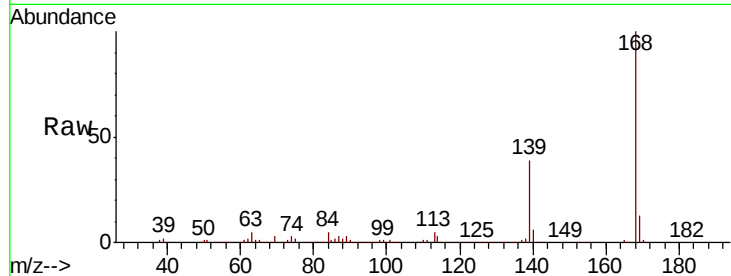
#55
Dibenzenofuran
Concen: 41.880 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion:168 Resp: 1104010
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.5 11.0 16.4

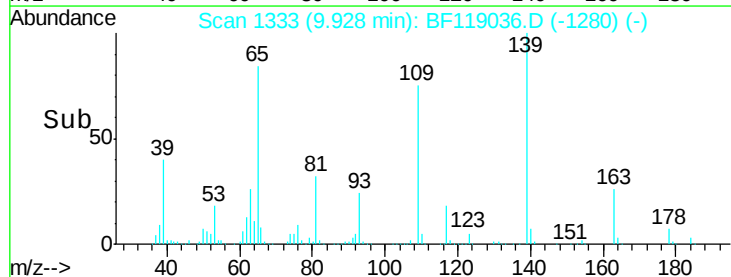
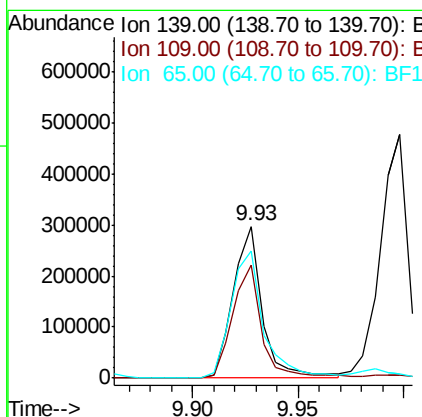
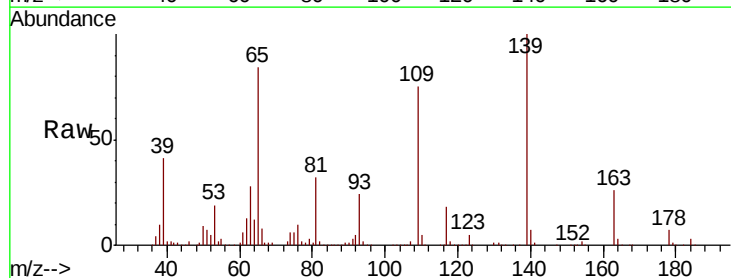
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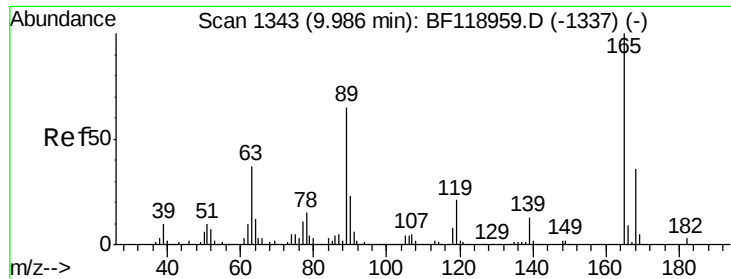
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#56
4-Nitrophenol
Concen: 80.573 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion:139 Resp: 283901
Ion Ratio Lower Upper
139 100
109 74.7 51.1 91.1
65 83.9 64.7 104.7





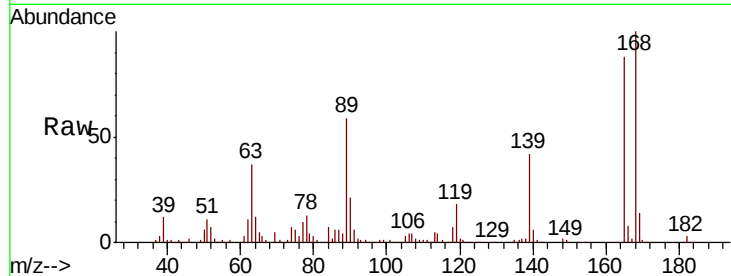
#57
2,4-Dinitrotoluene
Concen: 40.756 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	279454		
63	42.0	29.8	44.8	
89	67.0	51.9	77.9	
182	3.3	2.3	3.5	

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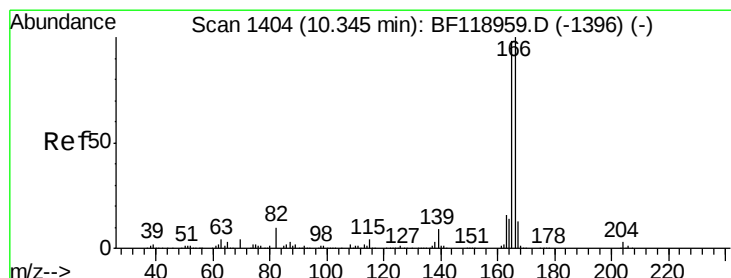
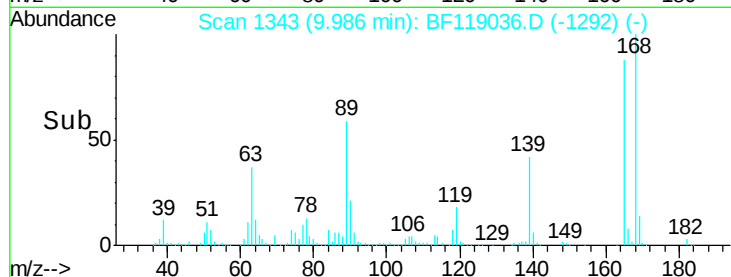
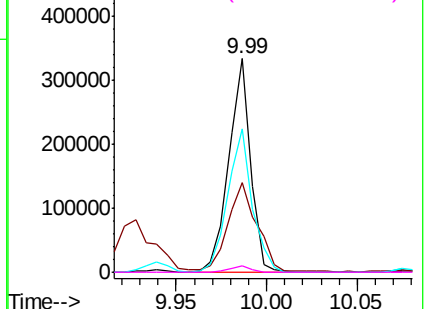
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

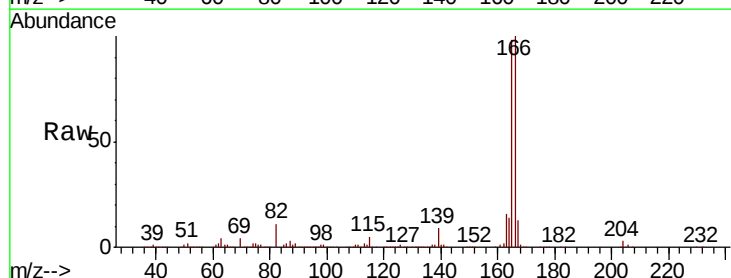
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.789 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	856015		
165	98.2	78.2	117.4	
167	13.3	10.6	16.0	

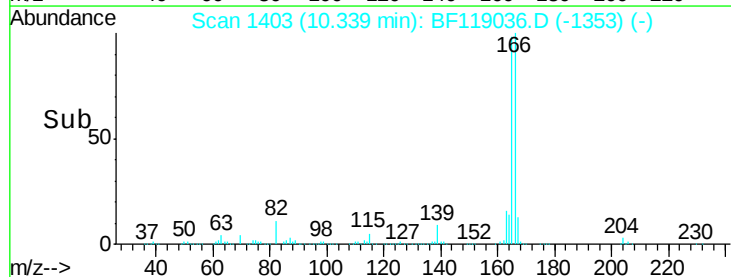
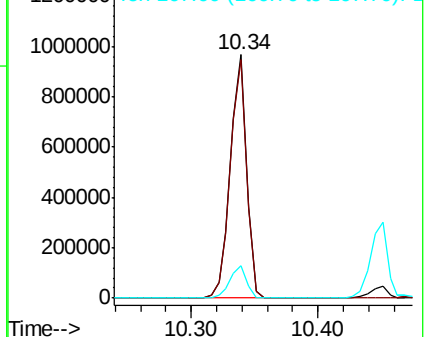


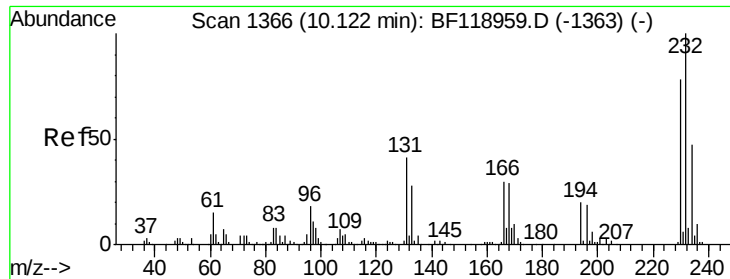
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





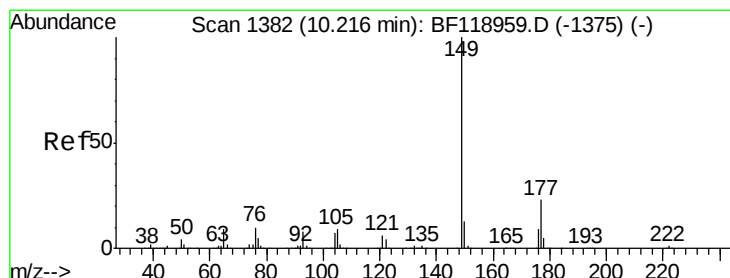
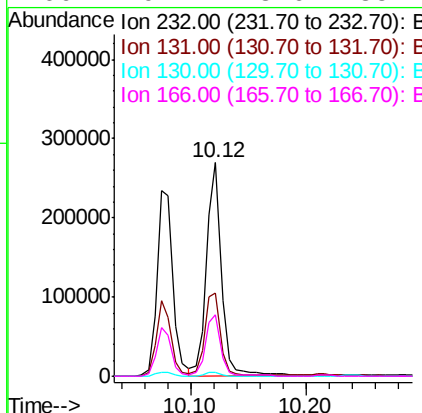
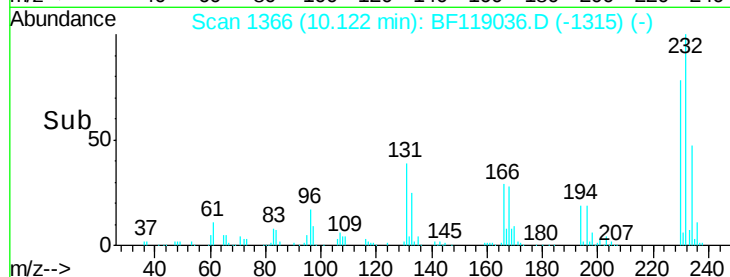
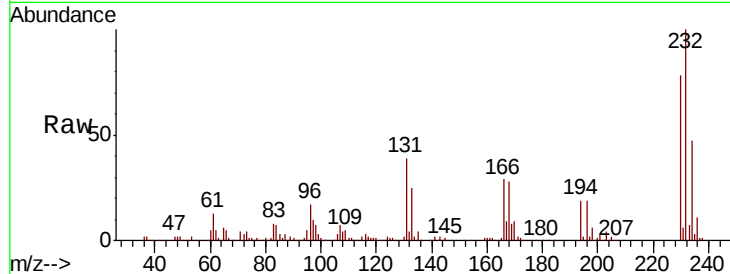
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.435 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.0	51.0
130	2.1	1.6	2.4
166	29.1	23.6	35.4

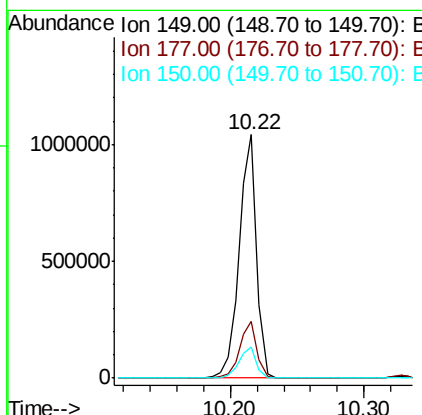
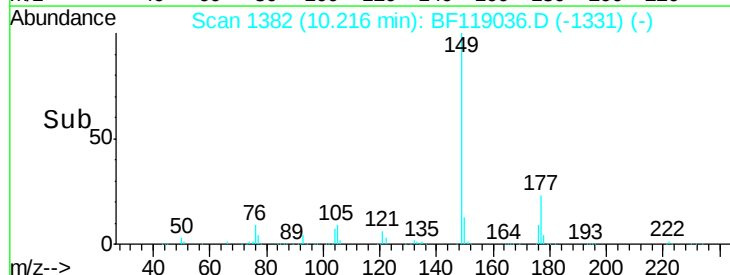
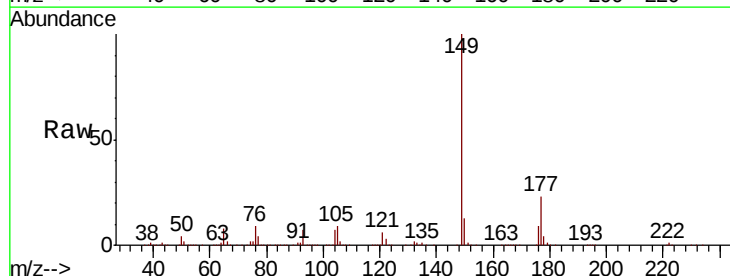
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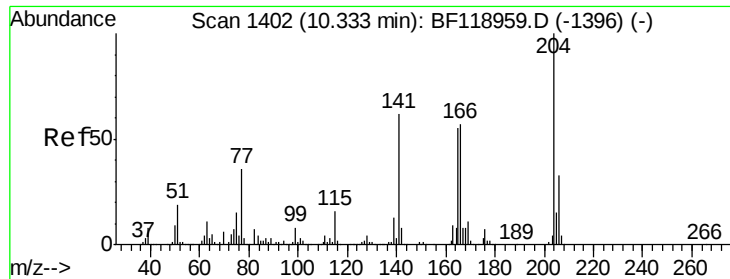
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#60
 Diethylphthalate
 Concen: 41.980 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.6	10.4	15.6





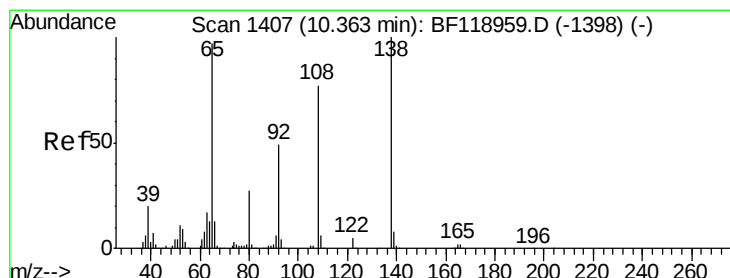
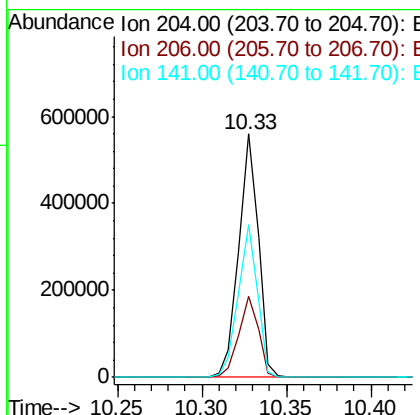
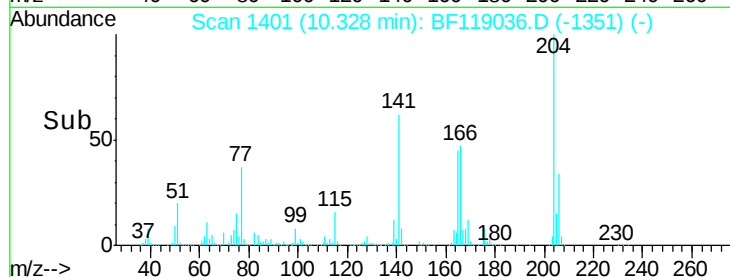
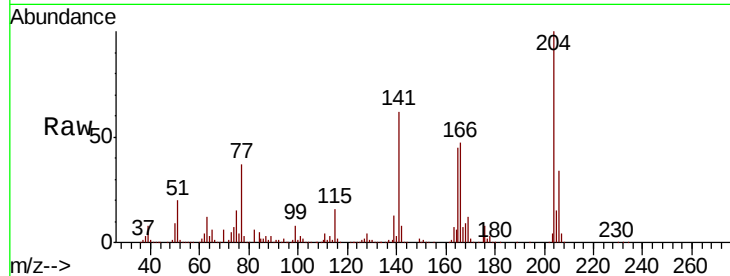
#61
 4-Chlorophenyl-phenylether
 Concen: 41.635 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion:	204	Resp:	451430
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	62.5	49.5	74.3

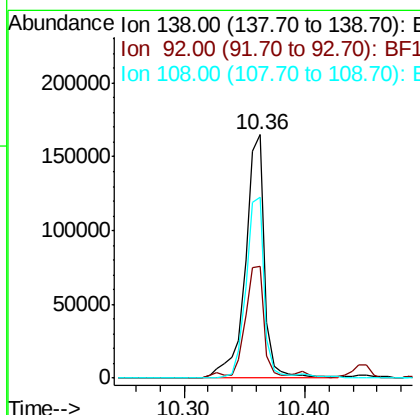
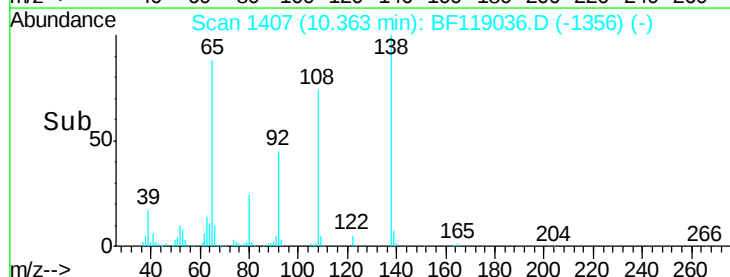
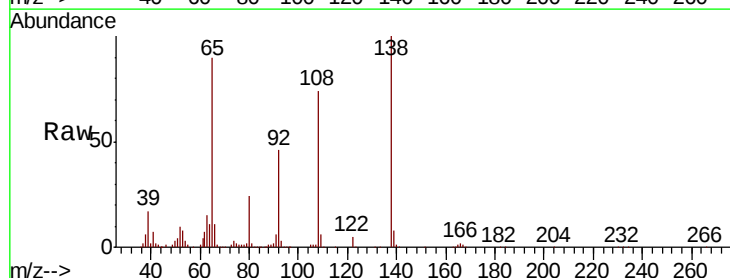
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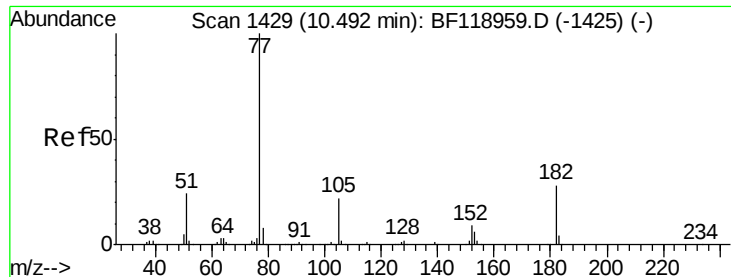
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#62
 4-Nitroaniline
 Concen: 30.538 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion:	138	Resp:	183228
Ion Ratio	Lower	Upper	
138	100		
92	45.7	28.7	68.7
108	74.3	56.8	96.8





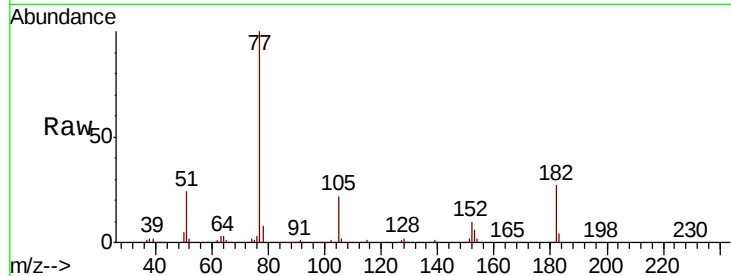
#63
Azobenzene
Concen: 42.241 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	8.2	48.2	
105	22.0	2.3	42.3	
51	24.1	3.6	43.6	

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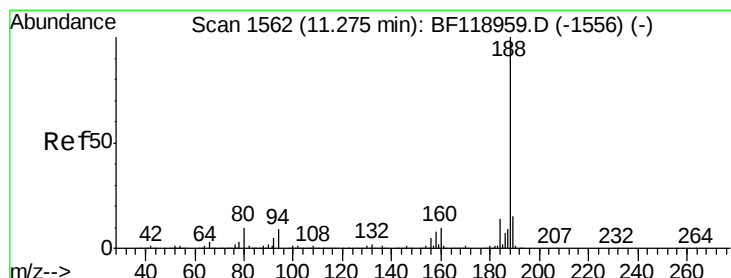
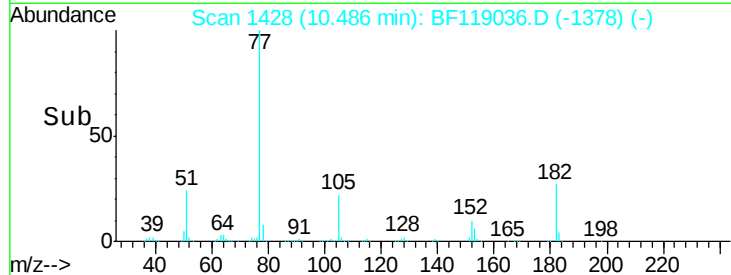
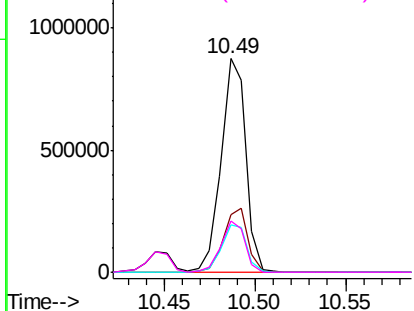


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



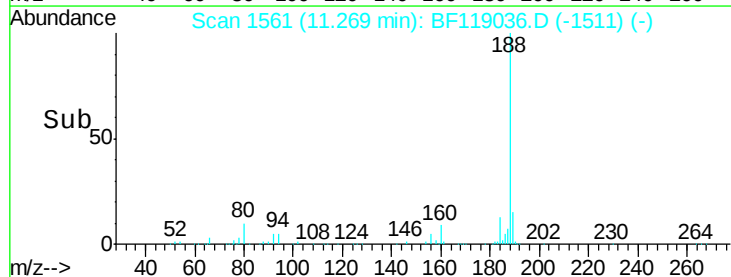
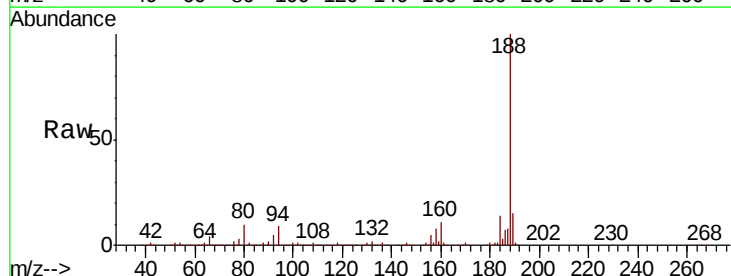
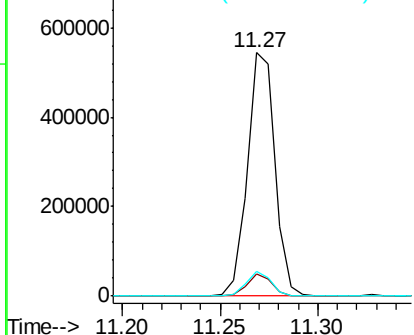
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.0	10.6	
80	10.2	7.9	11.9	

Abundance Ion 188.00 (187.70 to 188.70): E

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: 47.794 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

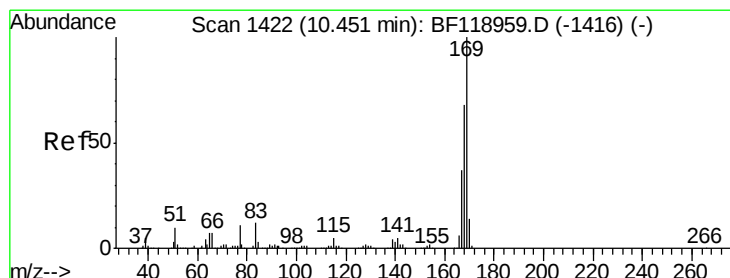
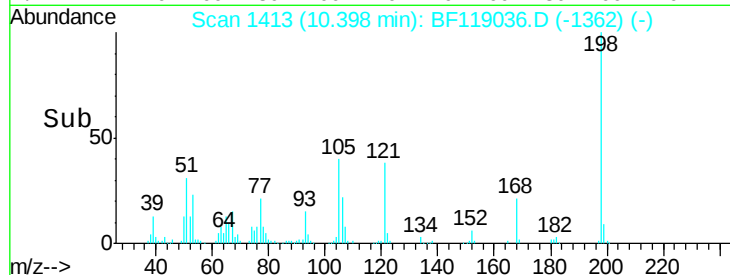
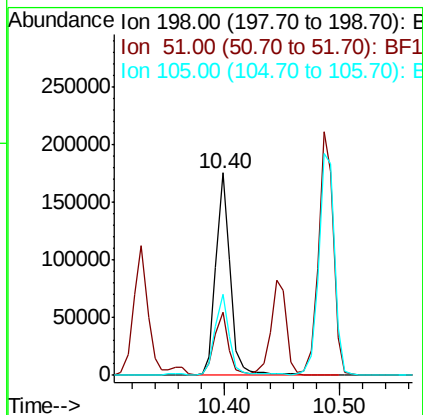
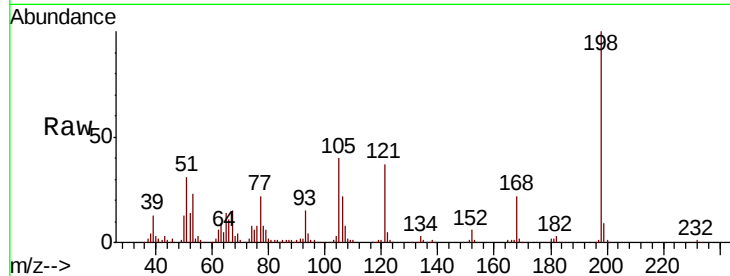
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:	198	Resp:	153221
Ion Ratio	Lower	Upper	
198	100		
51	31.0	7.1	47.1
105	40.4	18.3	58.3

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#66

n-Nitrosodiphenylamine

Concen: 44.453 ng

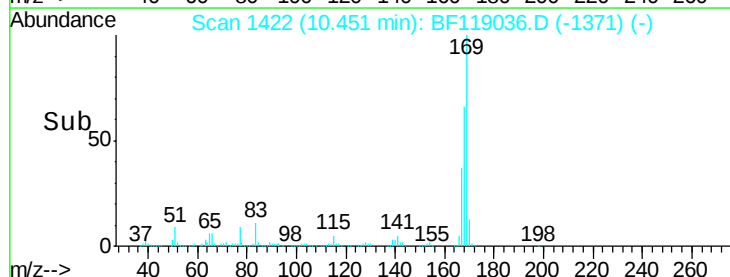
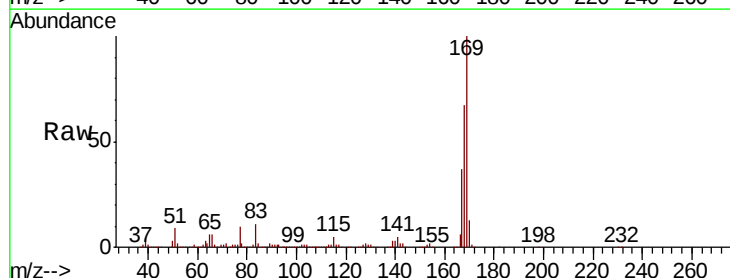
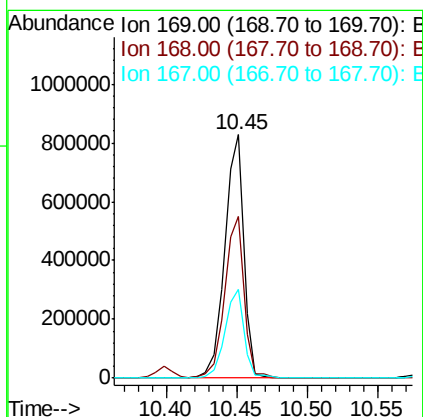
RT: 10.45 min Scan# 1422

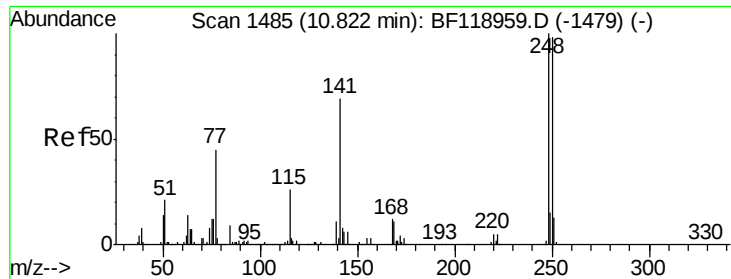
Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:	169	Resp:	771143
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.6	29.4	44.2





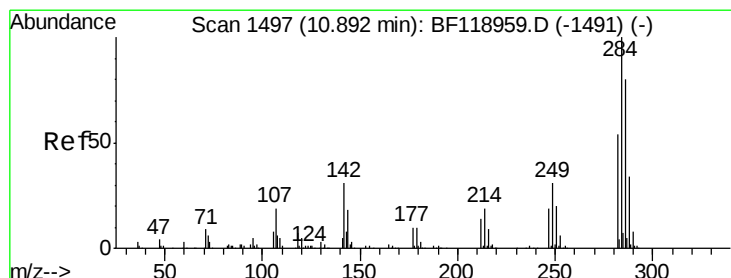
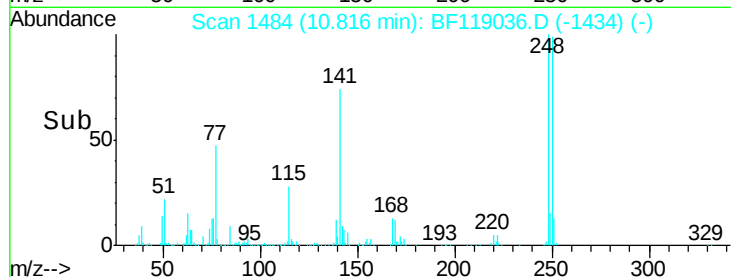
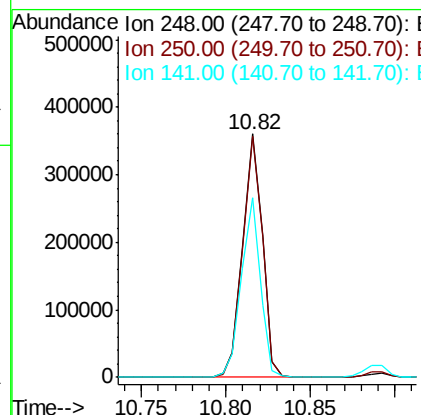
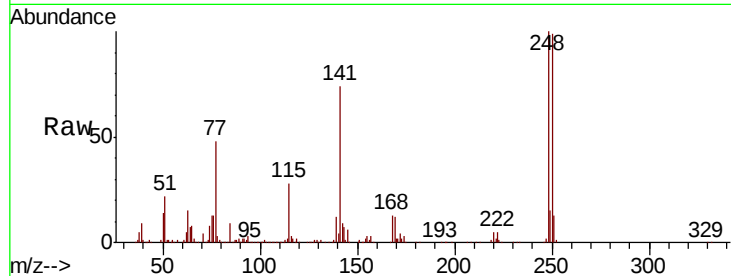
#67
4-Bromophenyl-phenylether
Concen: 42.461 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.8	118.2
141	73.7	55.3	82.9

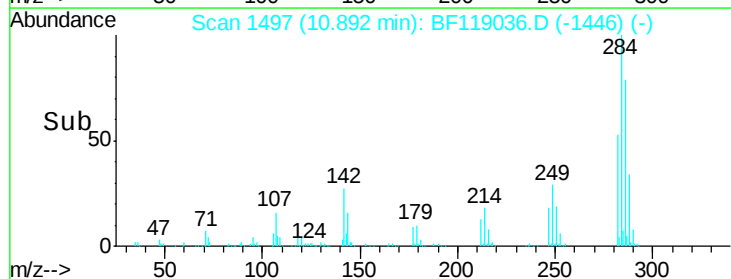
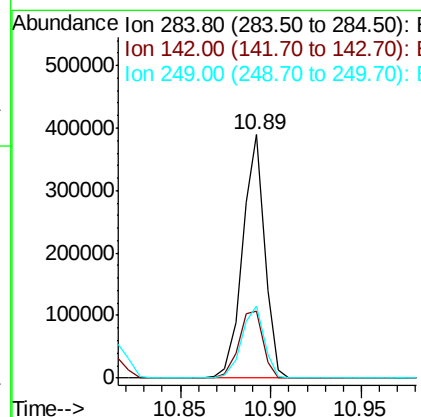
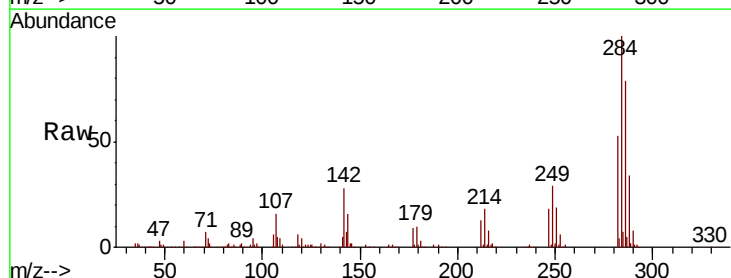
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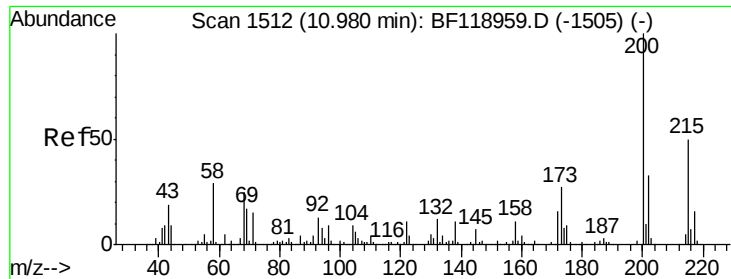
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#68
Hexachlorobenzene
Concen: 41.249 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	25.0	37.6
249	29.4	25.0	37.4





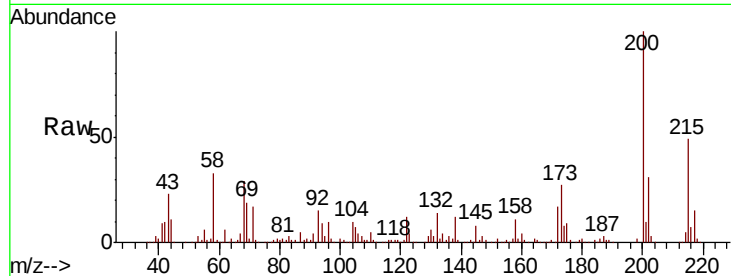
#69
Atrazine
Concen: 42.940 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

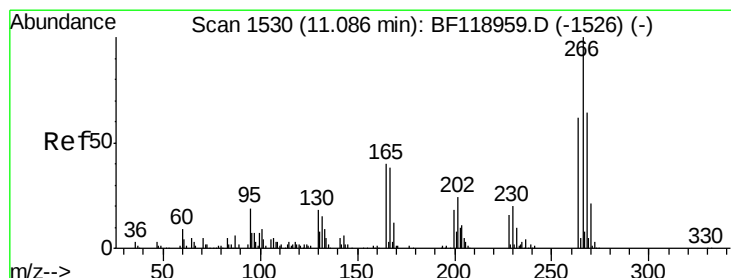
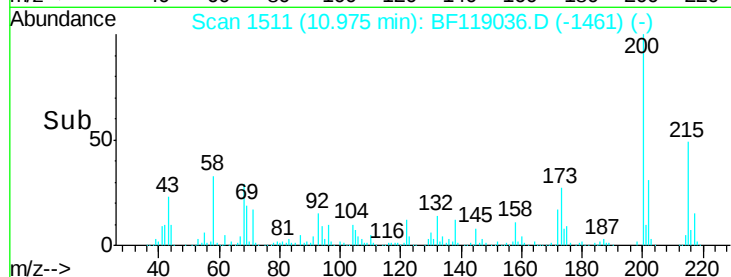
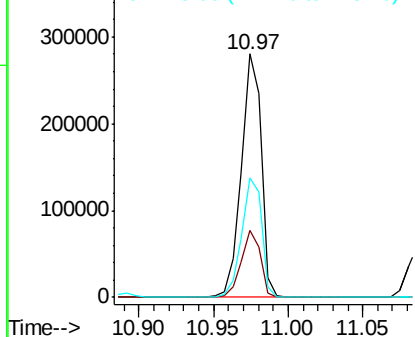
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	6.9	46.9
215	48.9	29.7	69.7

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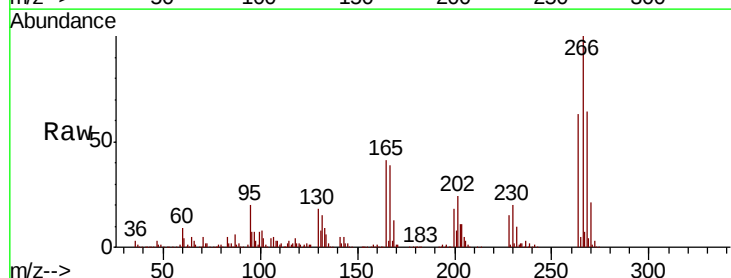


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

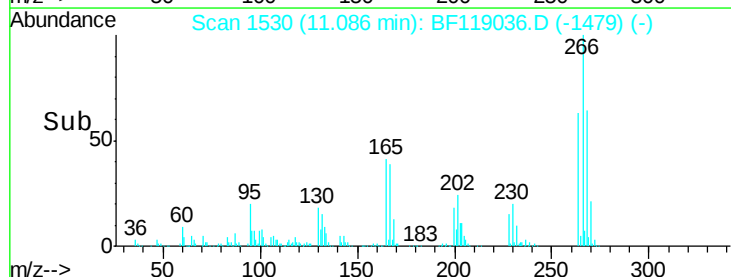
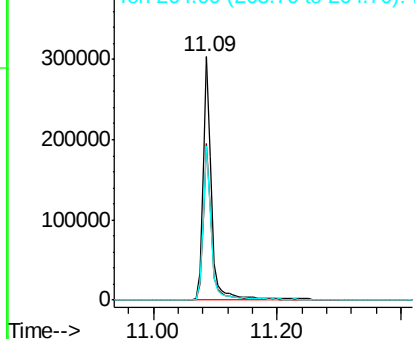


#70
Pentachlorophenol
Concen: 94.357 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	51.4	77.0
264	63.3	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: 41.983 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:178 Resp: 1212994

Ion Ratio Lower Upper

178 100

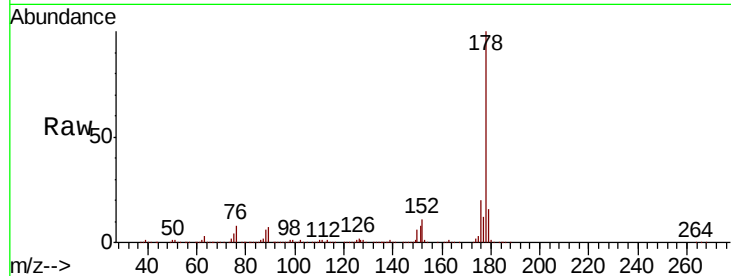
176 19.8 15.6 23.4

179 15.9 12.6 18.8

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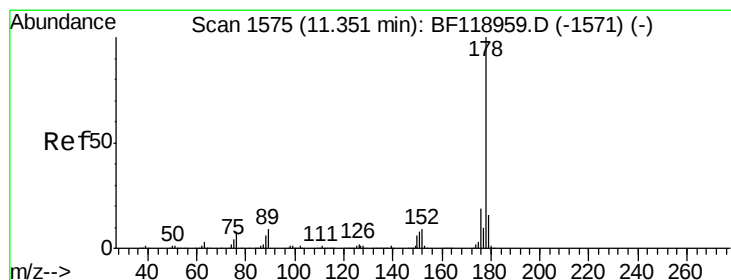
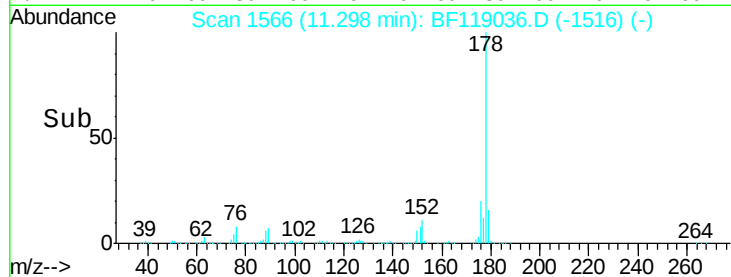
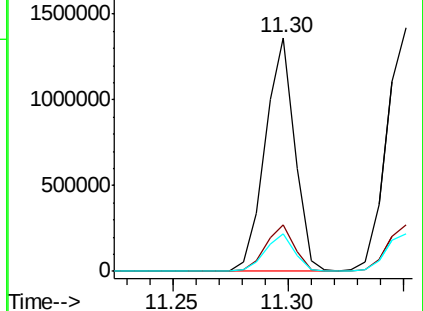
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.557 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:178 Resp: 1257414

Ion Ratio Lower Upper

178 100

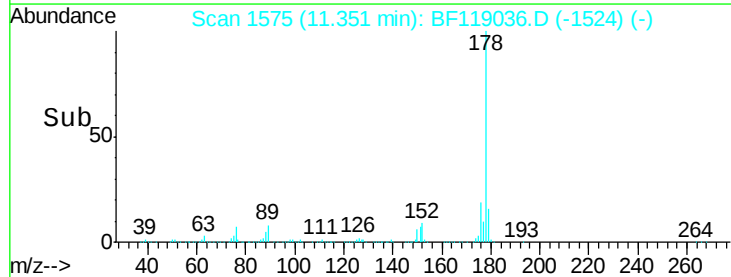
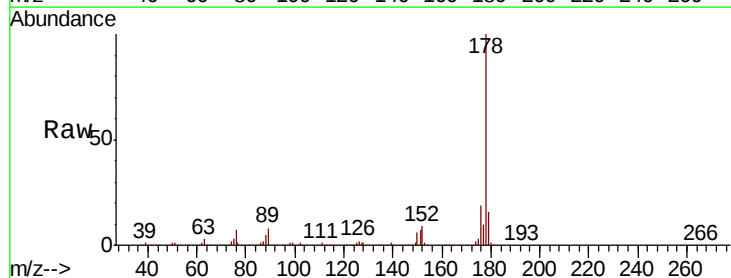
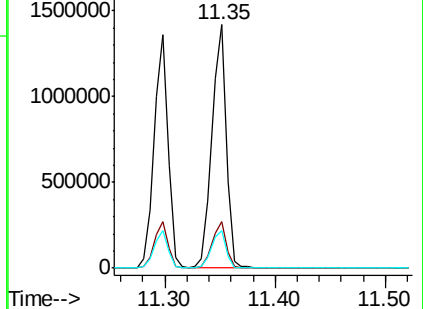
176 19.2 15.4 23.2

179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.159 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:167 Resp: 1032803

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

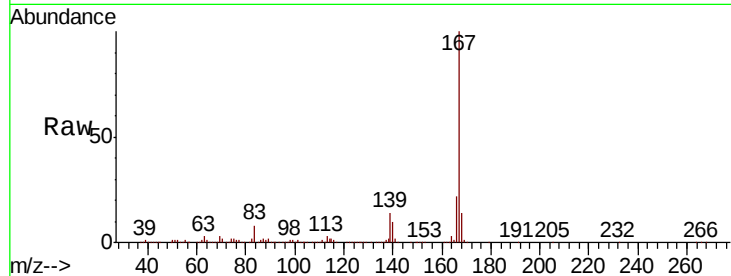
139 13.5 11.2 16.8

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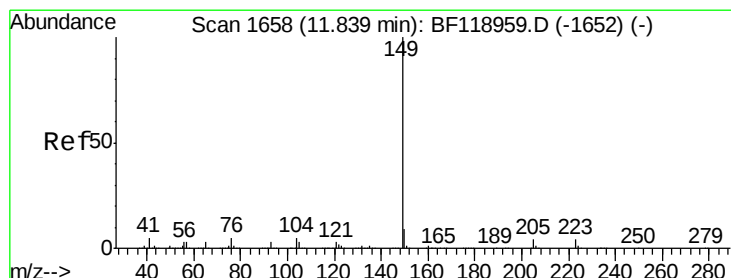
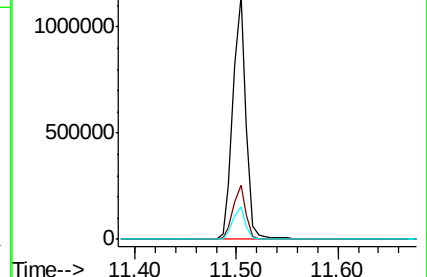
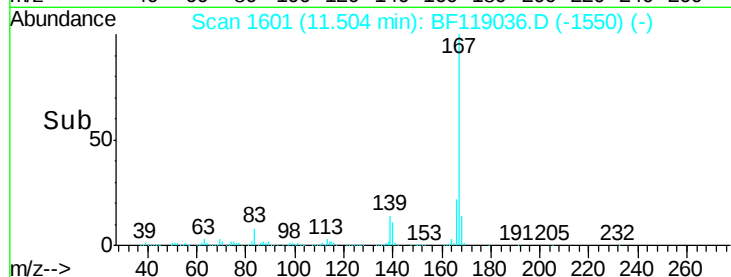
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.750 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

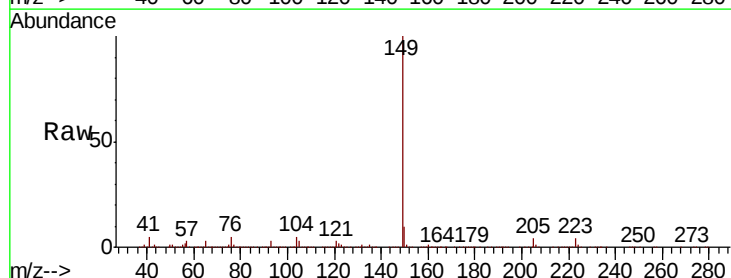
Tgt Ion:149 Resp: 1331452

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

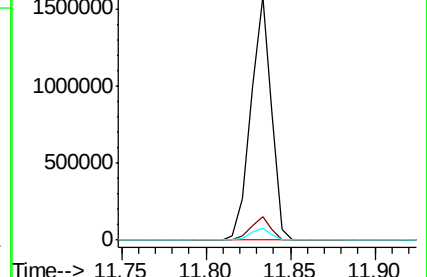
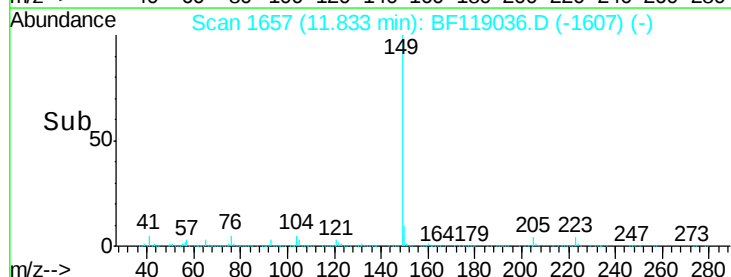
104 5.0 4.0 6.0



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





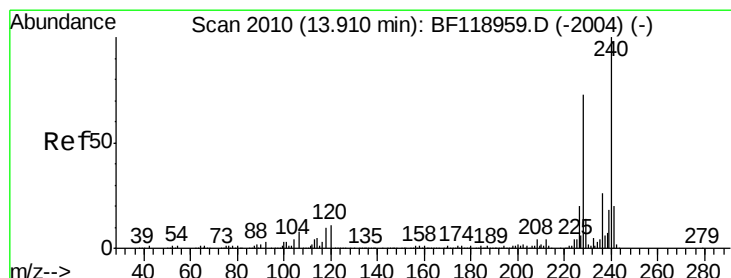
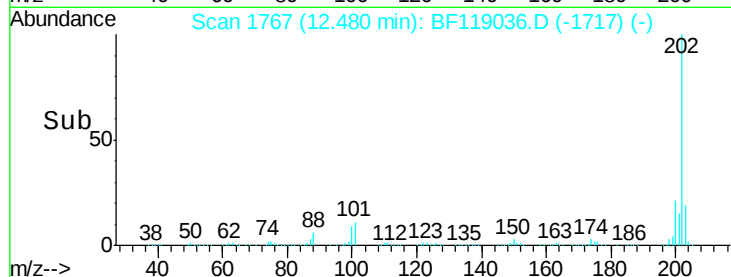
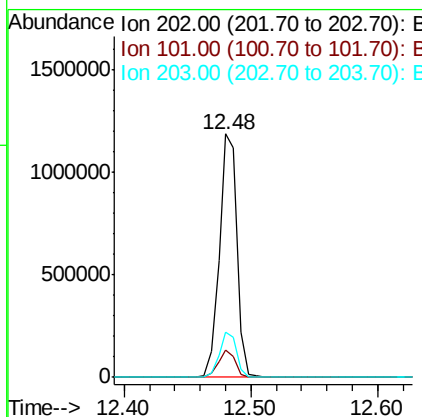
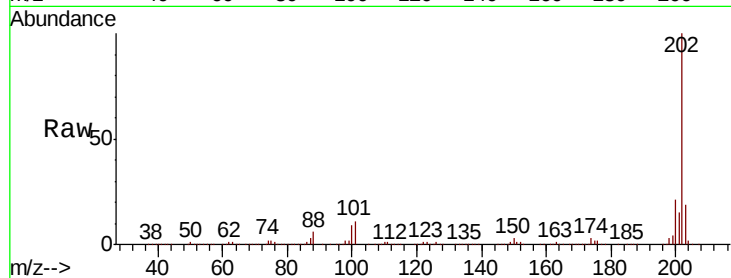
#75
Fluoranthene
Concen: 37.771 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	18.6	0.0	38.1

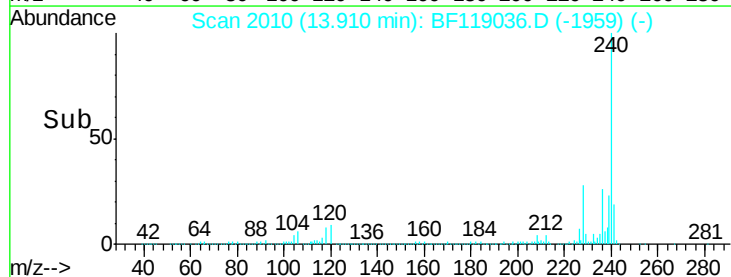
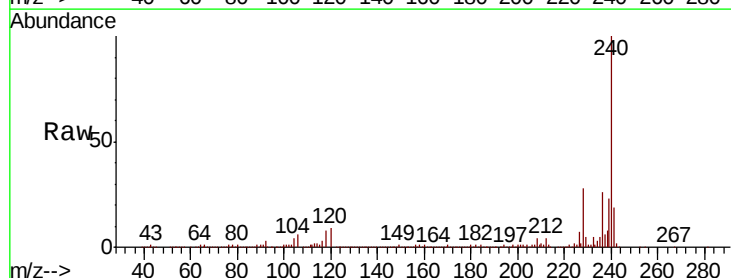
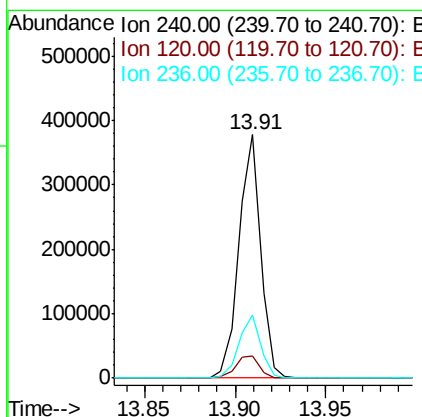
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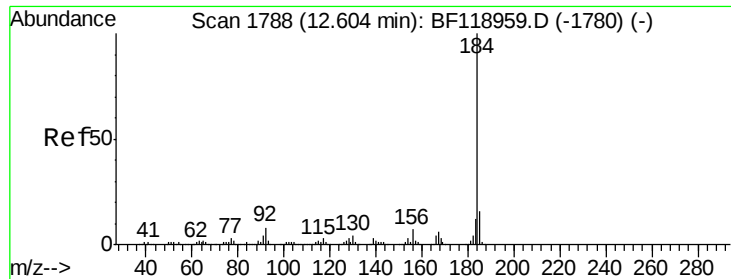
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.9	13.3
236	26.1	20.6	30.8





#77

Benzidine

Concen: 22.555 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

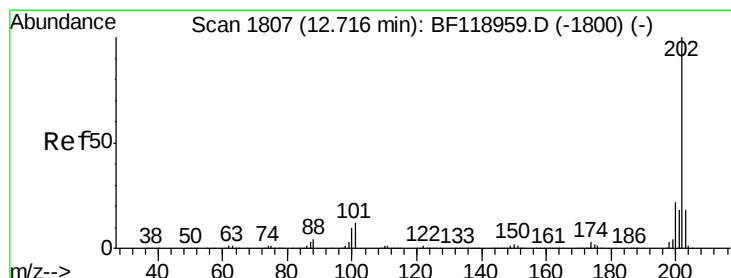
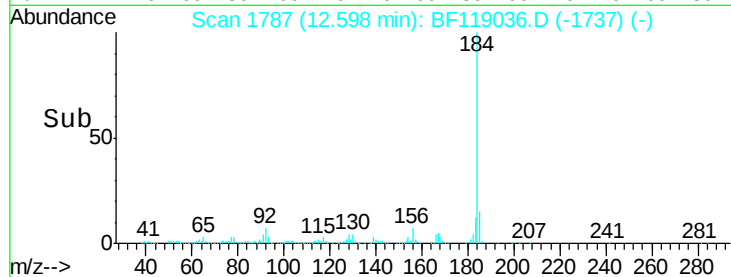
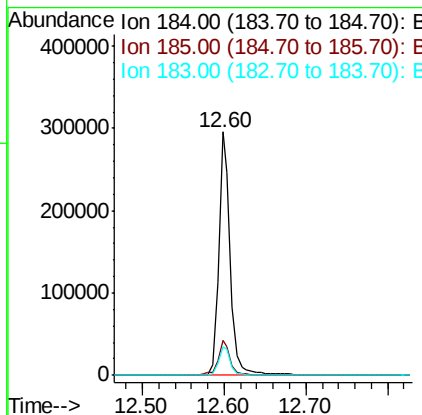
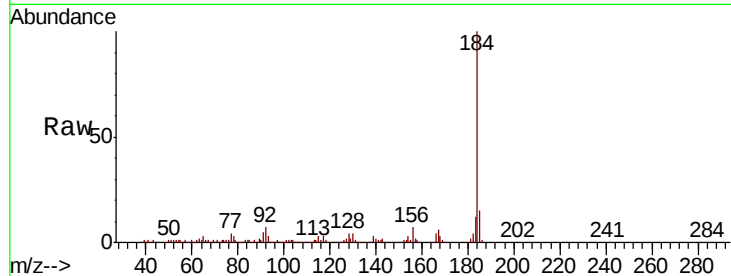
ClientSampleId :

DUNR-TS001-01MSD

Tot Ion:	184	Resp:	290808
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	19.0
183	11.9	9.9	14.9

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#78

Pyrene

Concen: 45.067 ng

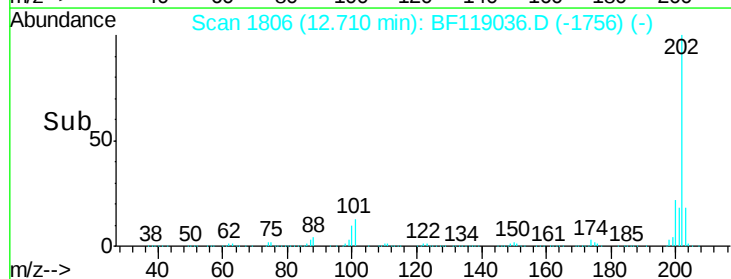
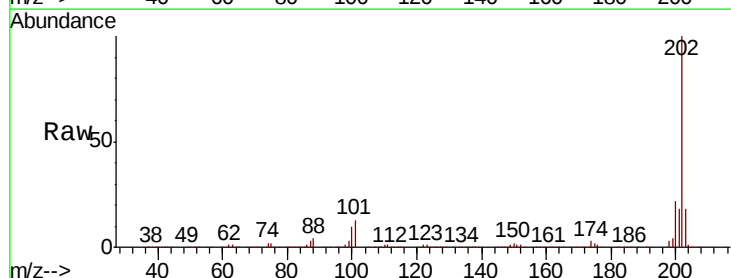
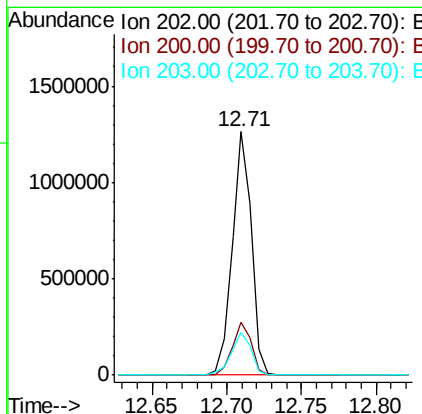
RT: 12.71 min Scan# 1806

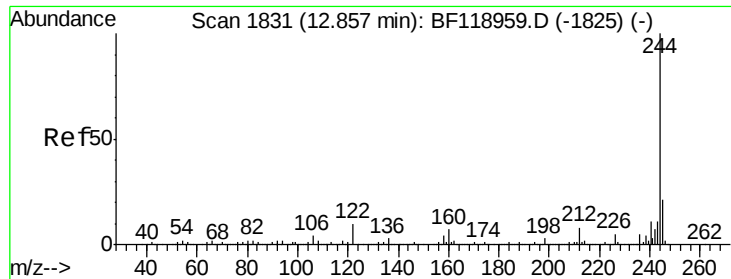
Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Tgt Ion:	202	Resp:	1147277
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.0
203	17.6	14.5	21.7





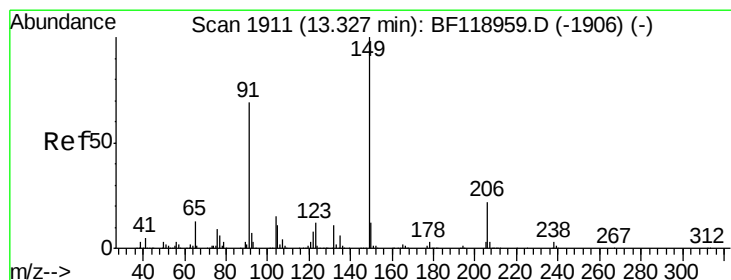
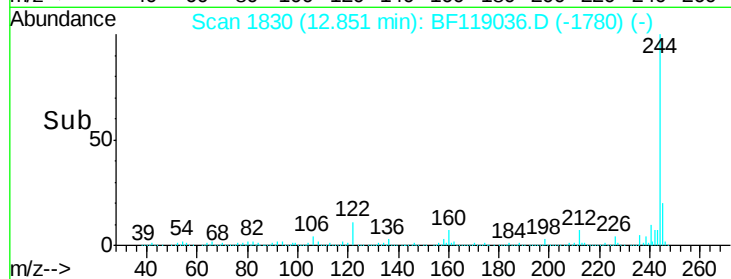
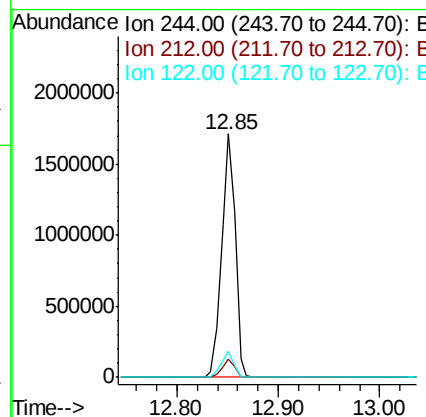
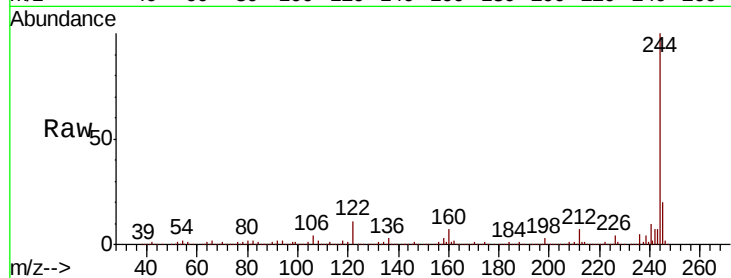
#79
 Terphenyl-d14
 Concen: 86.466 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.6	8.4	12.6

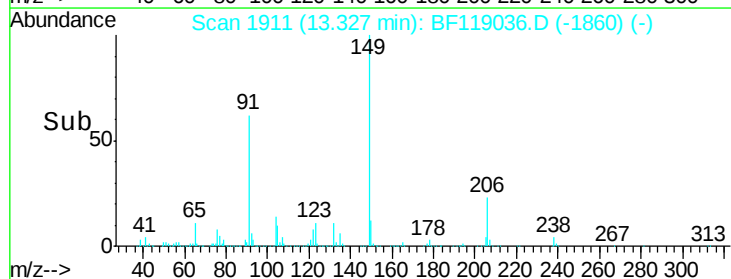
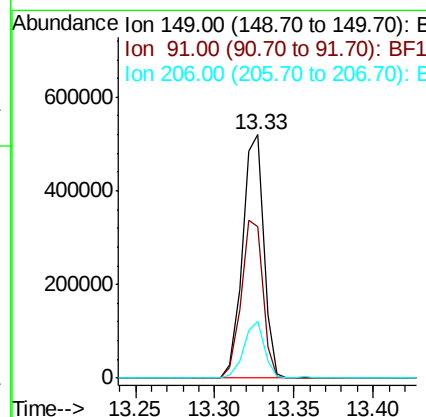
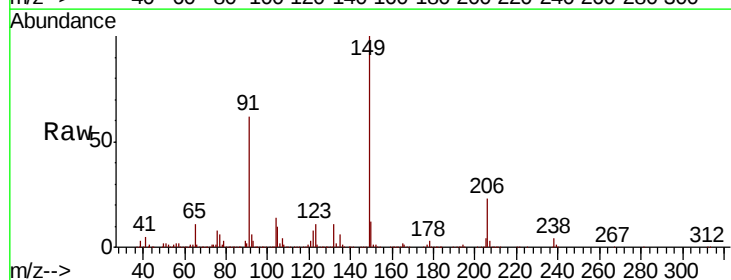
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#80
 Butylbenzylphthalate
 Concen: 45.278 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.4	55.4	83.2
206	23.3	17.7	26.5





#81

Benzo(a)anthracene

Concen: 42.479 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119036.D

Acq: 24 Feb 2020 22:29

Instrument :

BNA_F

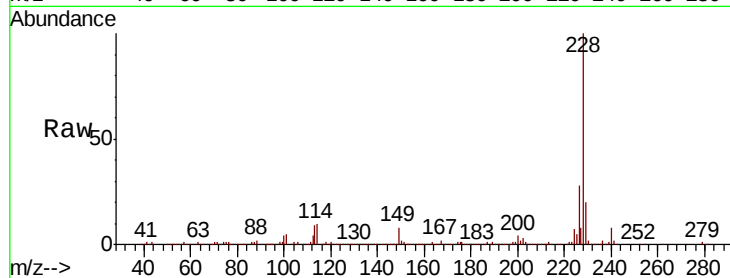
ClientSampleId :

DUNR-TS001-01MSD

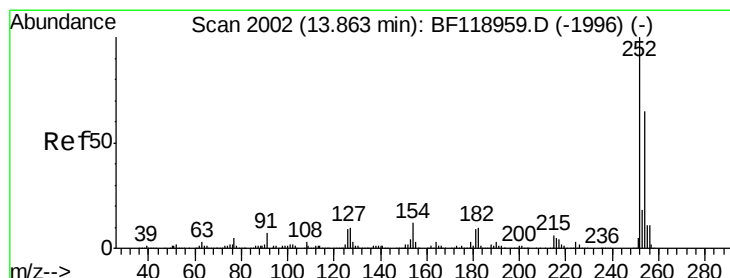
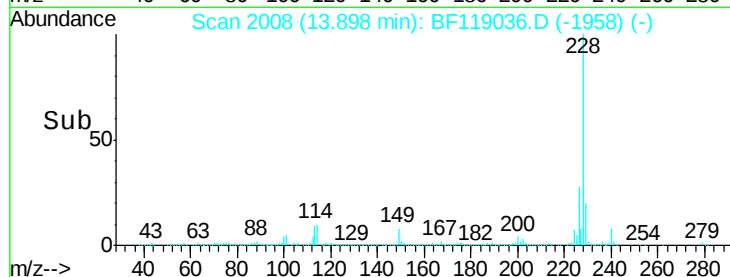
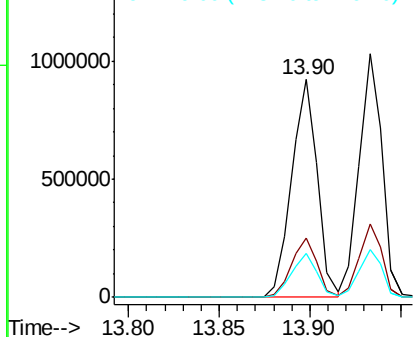
Tot Ion:	228	Resp:	917606
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.8
229	20.1	16.0	24.0

Manual Integrations
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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: 22.545 ng

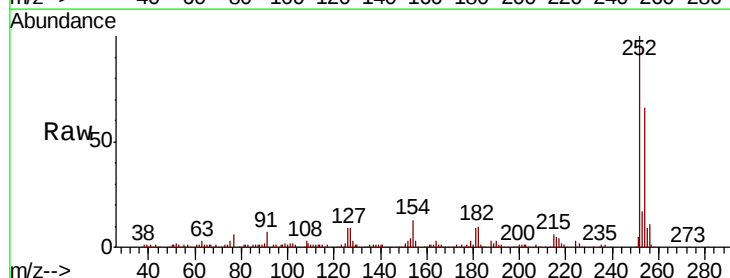
RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

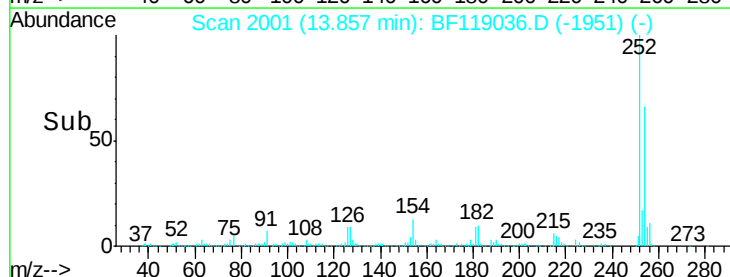
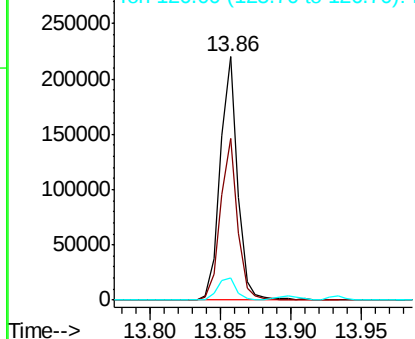
Lab File: BF119036.D

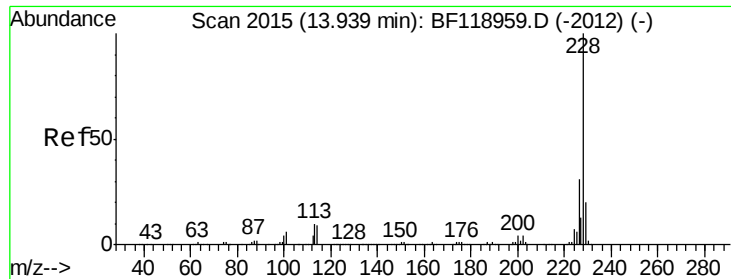
Acq: 24 Feb 2020 22:29

Tgt Ion:	252	Resp:	189105
Ion Ratio	Lower	Upper	
252	100		
254	66.2	52.1	78.1
126	9.2	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





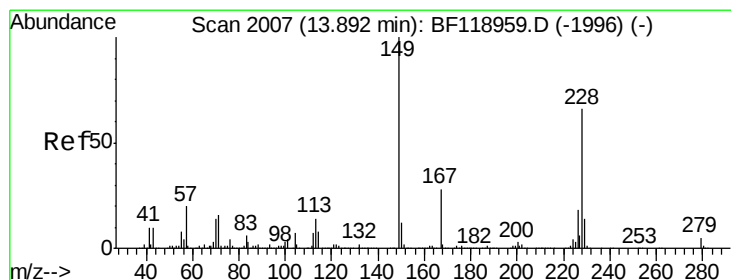
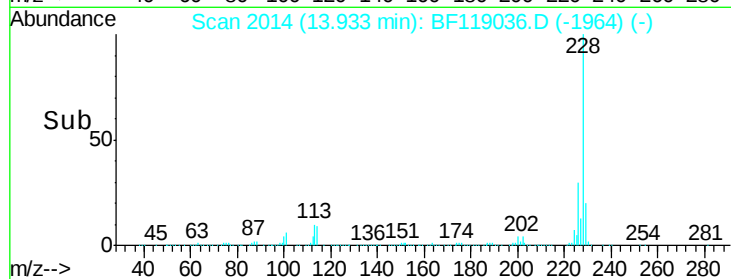
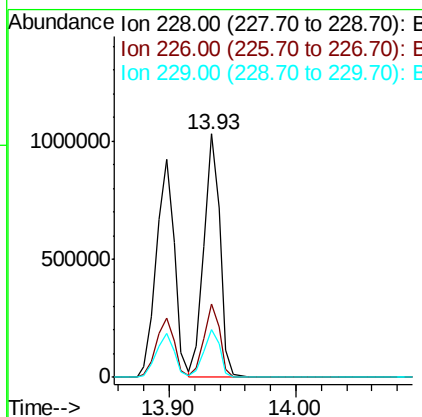
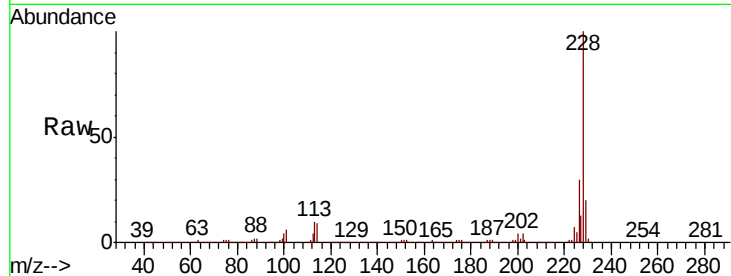
#83
 Chrvsene
 Concen: 42.219 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.9	16.2	24.2

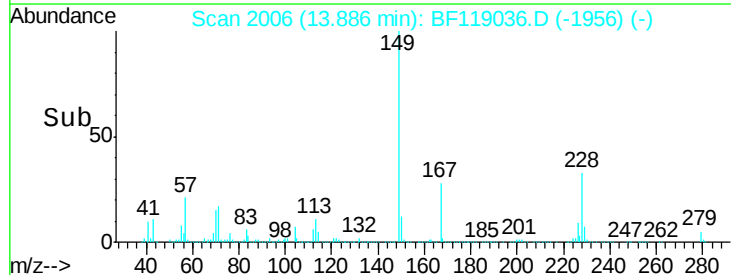
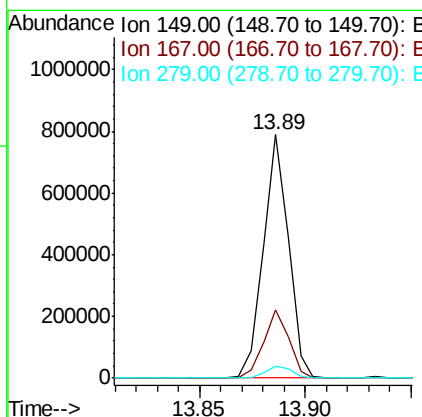
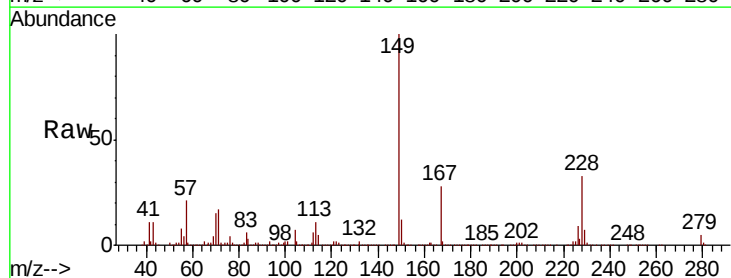
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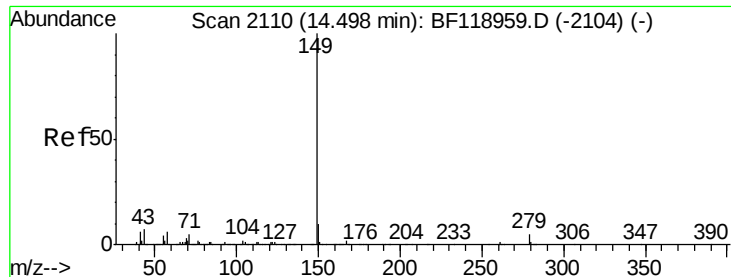
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.414 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119036.D
 Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	5.1	4.2	6.4





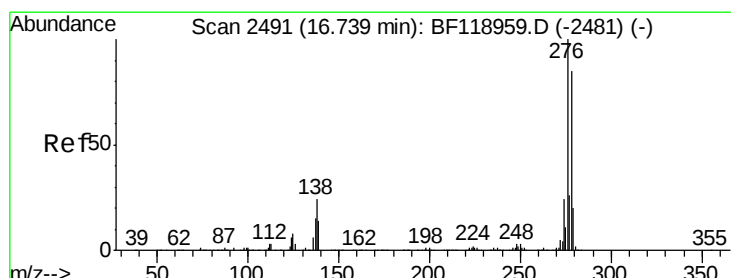
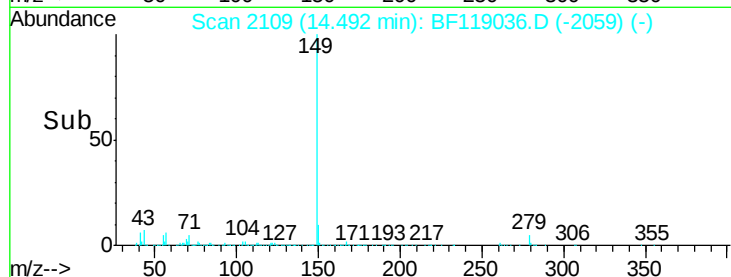
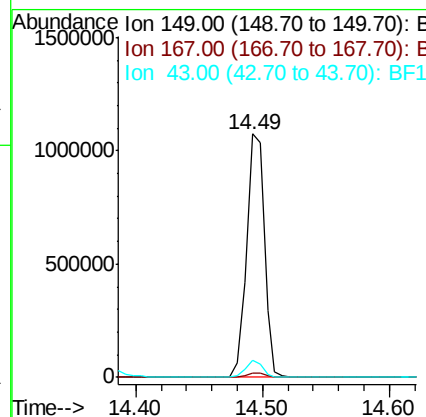
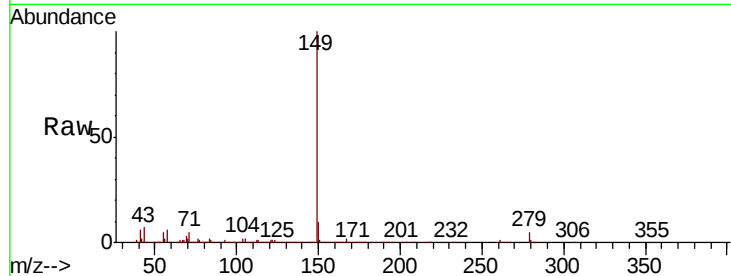
#85
Di-n-octyl phthalate
Concen: 48.136 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.2	7.8

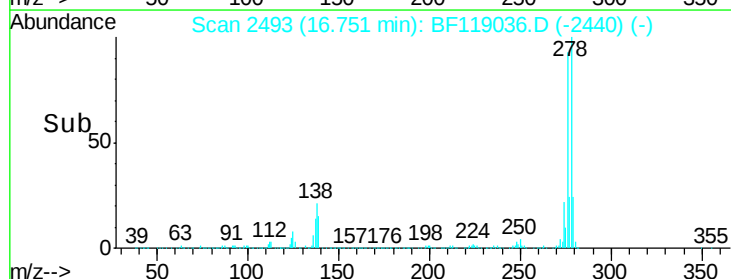
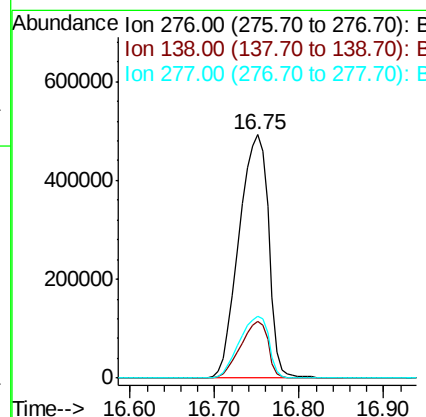
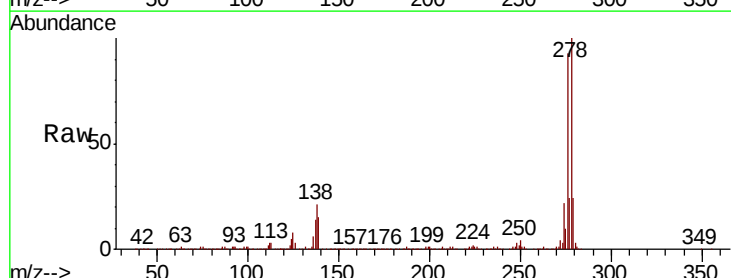
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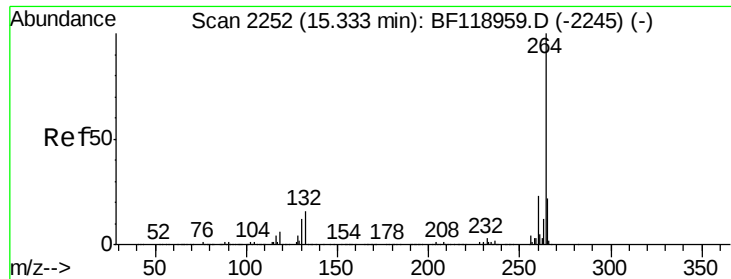
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.478 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.7	28.1
277	25.4	20.3	30.5





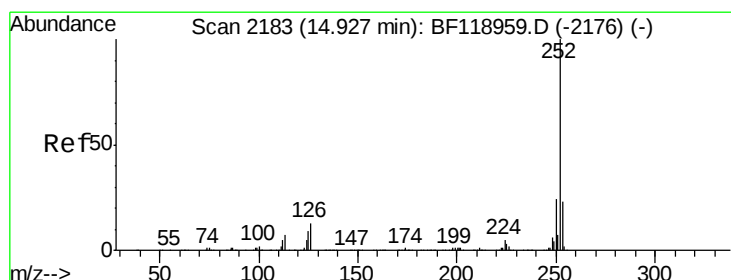
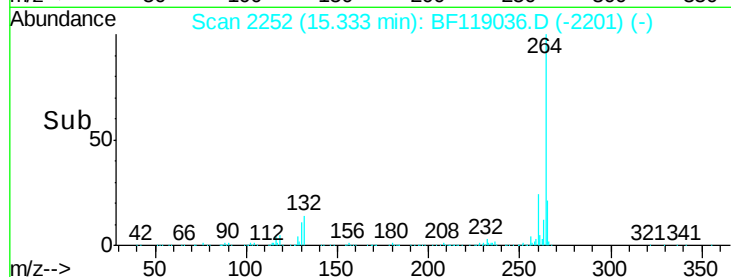
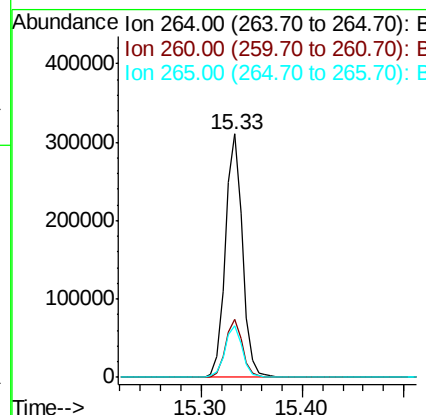
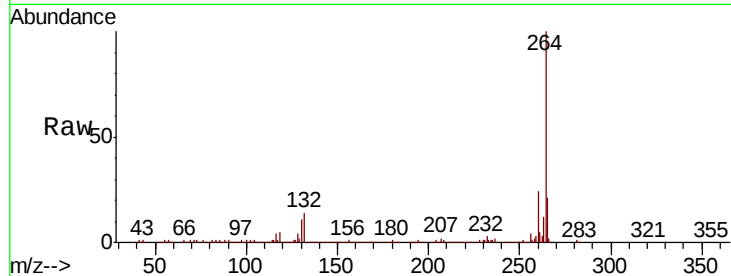
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.2	17.3	25.9

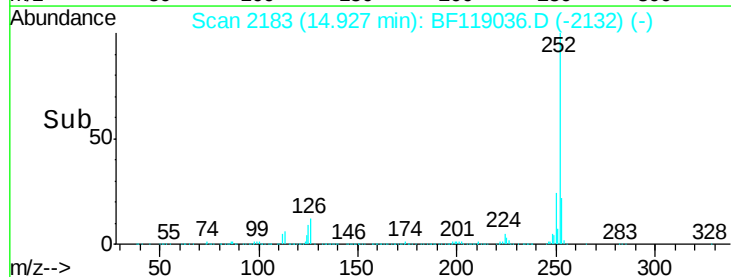
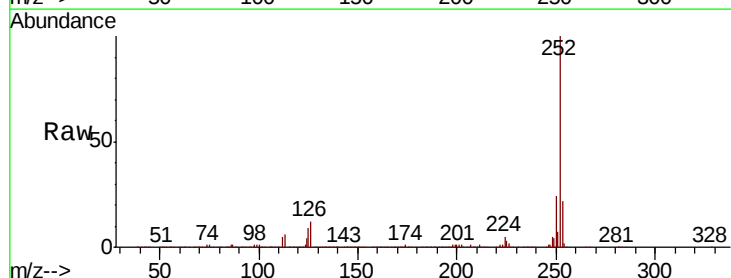
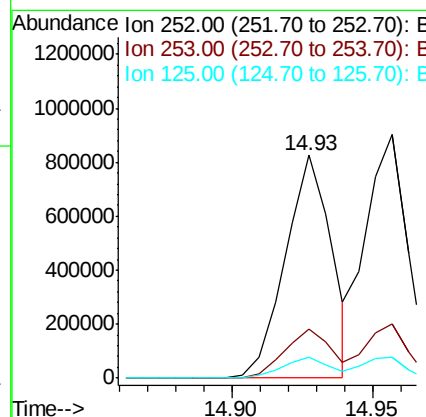
Manual Integrations
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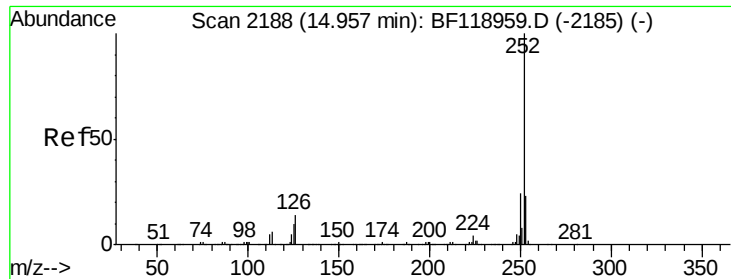
mohammad
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#88
Benzo(b)fluoranthene
Concen: 39.274 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.3	7.4	11.0





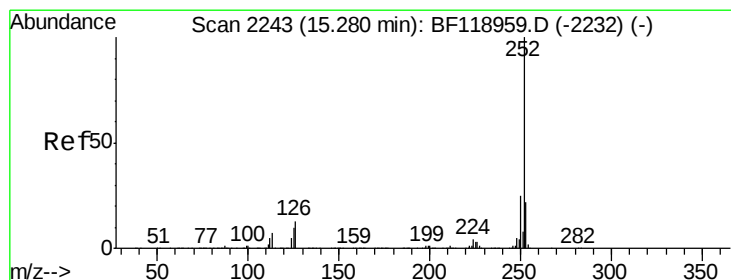
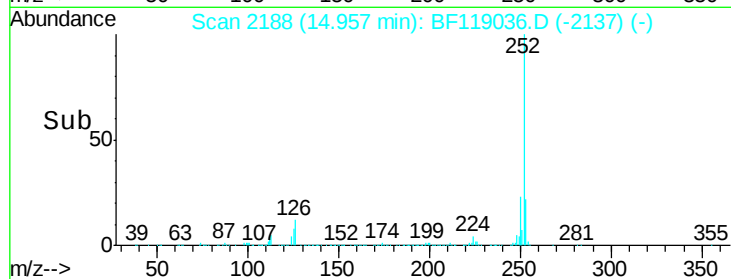
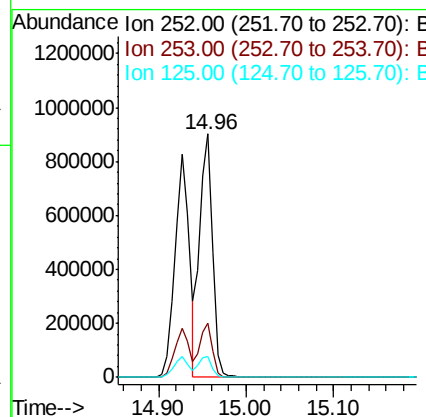
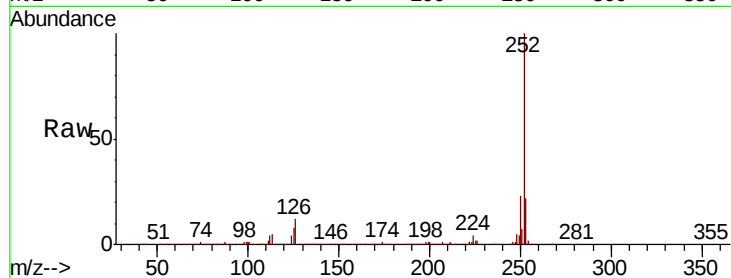
#89
Benzo(k)fluoranthene
Concen: 42.063 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.5	7.3	10.9

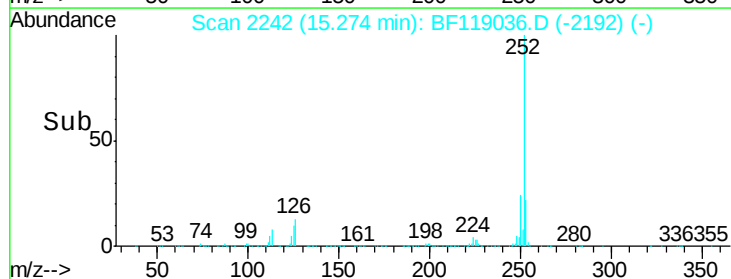
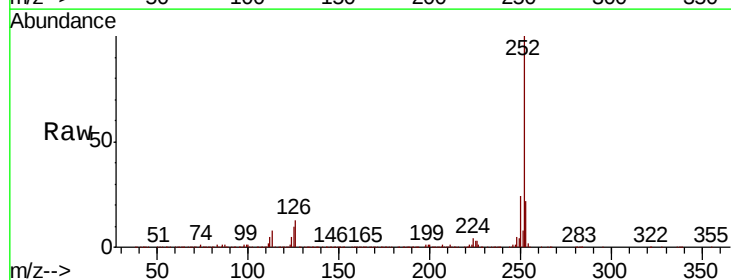
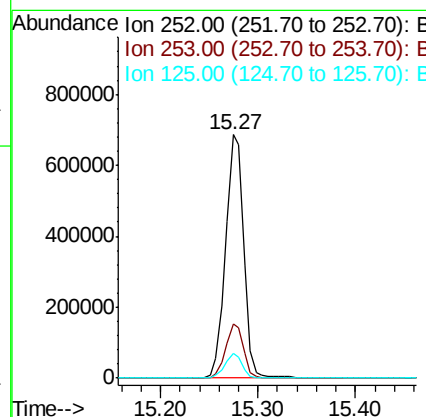
Manual Integrations
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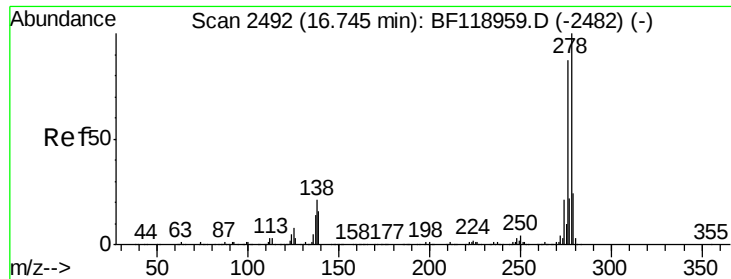
mohammad
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#90
Benzo(a)pyrene
Concen: 40.810 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.2	7.8	11.6





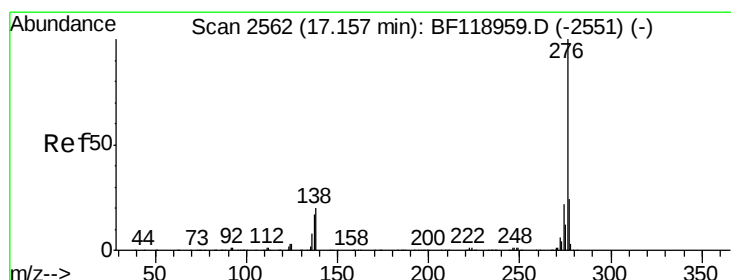
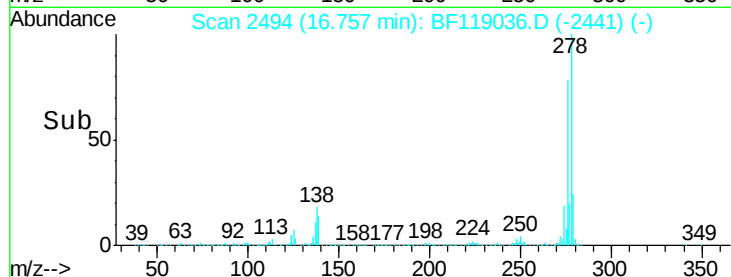
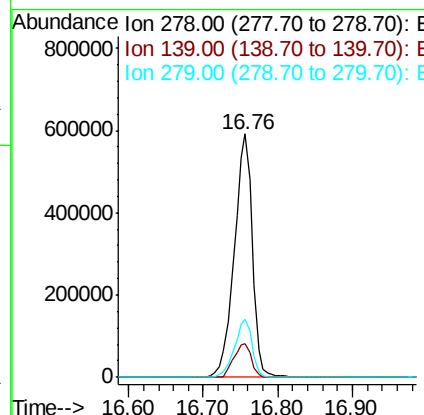
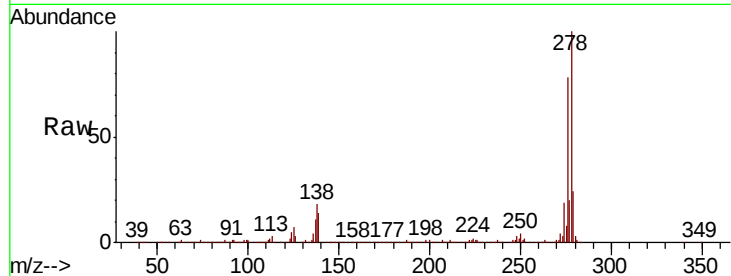
#91
Dibenzo(a,h)anthracene
Concen: 52.784 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	12.6	18.8
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/25/2020 4:19:23 PM



#92
Benzo(g,h,i)perylene
Concen: 55.491 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119036.D
Acq: 24 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	18.9	16.2	24.4

