

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122048.D
 Acq On : 21 Oct 2020 11:28
 Operator : JU/CG
 Sample : PB132505BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132505BL

Quant Time: Oct 21 11:59:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 11:18:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

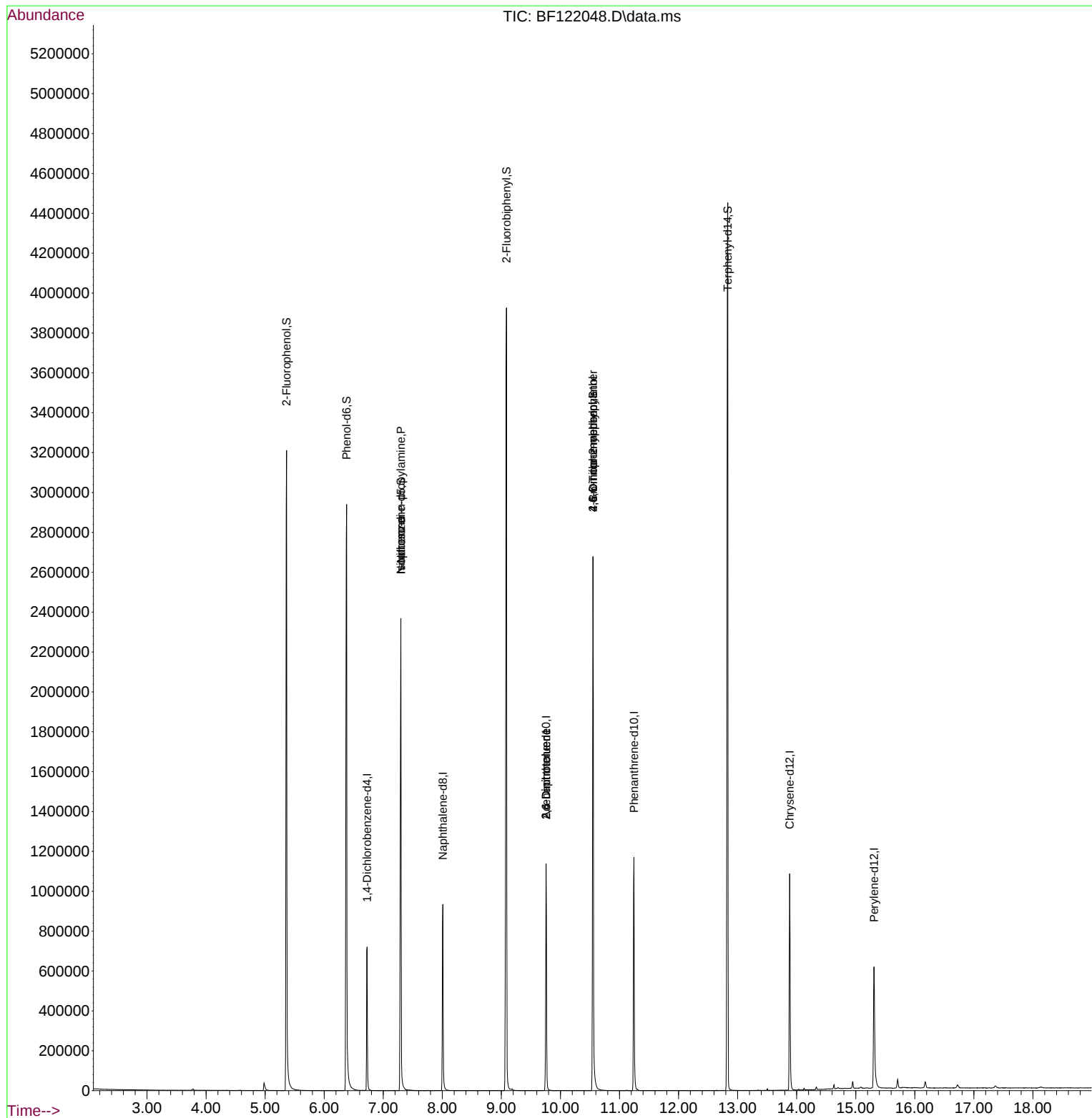
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	115441	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	468388	20.00	ng	-0.02
39) Acenaphthene-d10	9.757	164	250508	20.00	ng	-0.02
64) Phenanthrene-d10	11.245	188	490899	20.00	ng	-0.02
76) Chrysene-d12	13.880	240	398761	20.00	ng	-0.03
86) Perylene-d12	15.309	264	331002	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	945726	120.91	ng	0.00
7) Phenol-d6	6.381	99	1211086	120.28	ng	-0.01
23) Nitrobenzene-d5	7.298	82	850697	93.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.551	330	404711	130.60	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	1465569	86.08	ng	-0.02
79) Terphenyl-d14	12.833	244	1702332	81.36	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1707	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	114303	19.94	ng	# 78
25) Isophorone	7.298	82	850693	49.26	ng	# 67
51) 2,6-Dinitrotoluene	9.757	165	31653	7.88	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	31653	6.40	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.551	198	680	4.62	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	23200	4.09	ng	# 1

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

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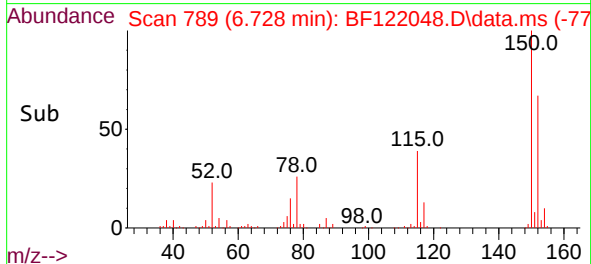
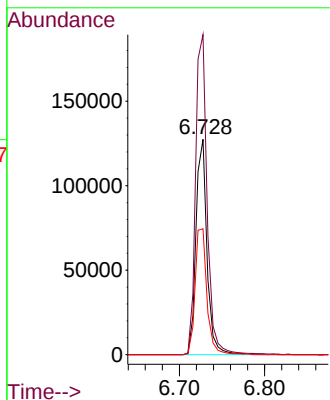
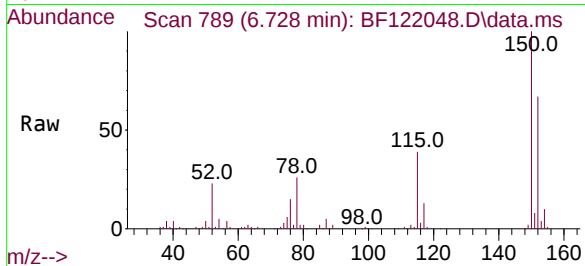




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

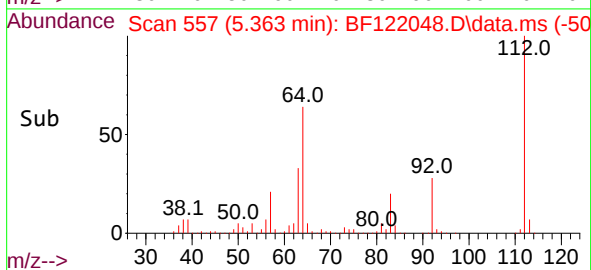
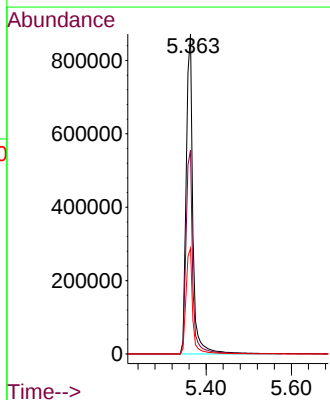
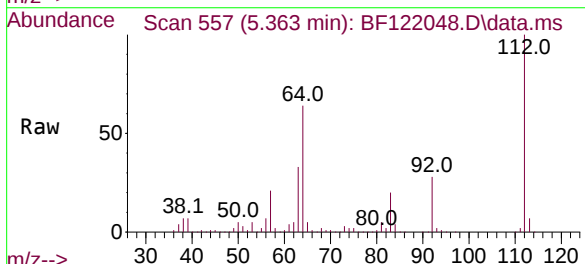
Instrument :
BNA_F
ClientSampleId :
PB132505BL

Tgt Ion:152 Resp: 115441
Ion Ratio Lower Upper
152 100
150 148.6 125.3 187.9
115 58.5 51.9 77.9



#5
2-Fluorophenol
Concen: 120.91 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:112 Resp: 945726
Ion Ratio Lower Upper
112 100
64 63.7 50.4 75.6
63 33.0 25.8 38.6

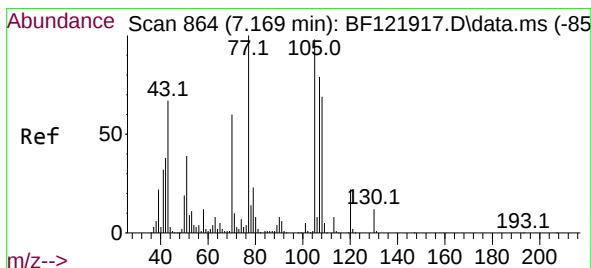
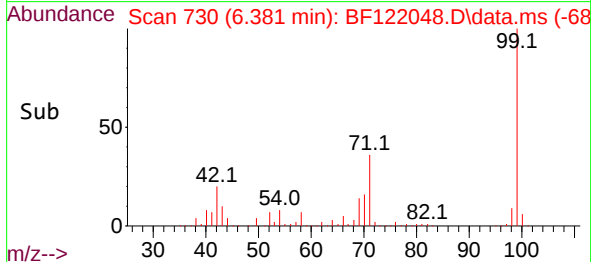
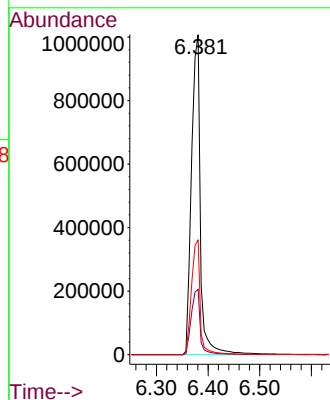
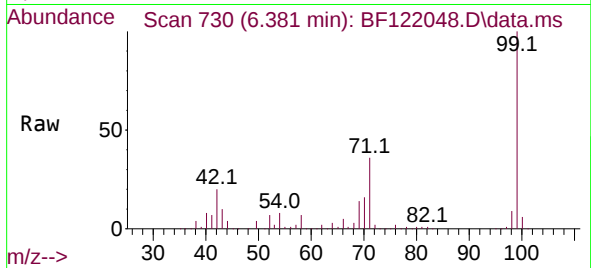




#7
Phenol-d6
Concen: 120.28 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

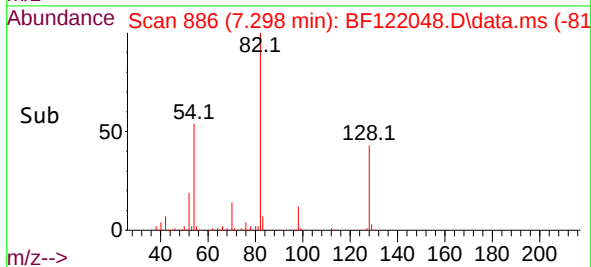
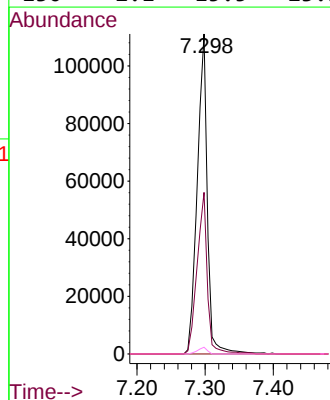
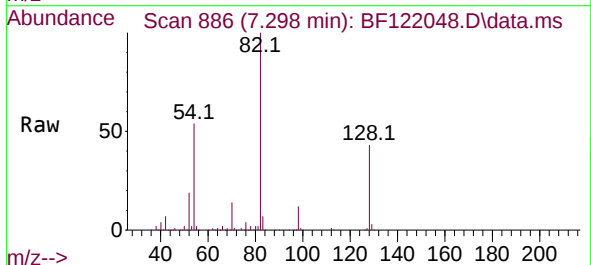
Instrument :
BNA_F
ClientSampleId :
PB132505BL

Tgt Ion: 99 Resp: 1211086
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.94 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion: 70 Resp: 114303
Ion Ratio Lower Upper
70 100
42 50.5 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



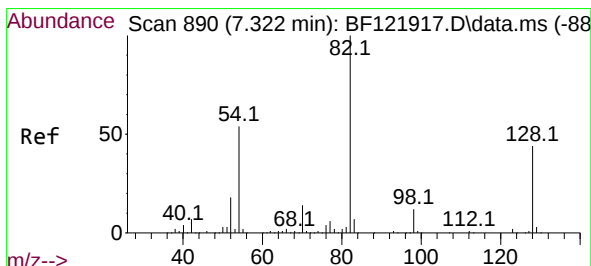
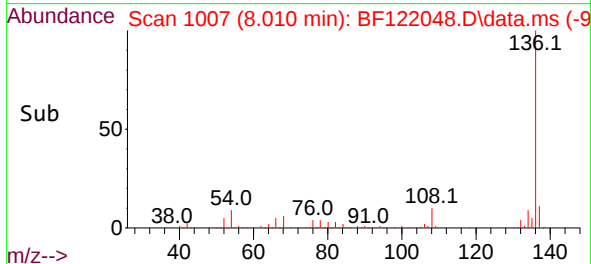
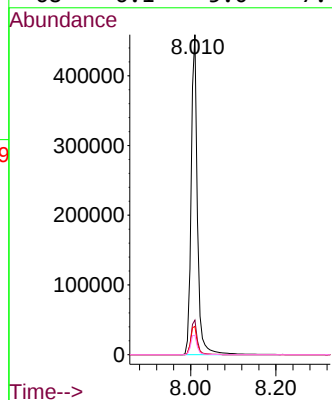
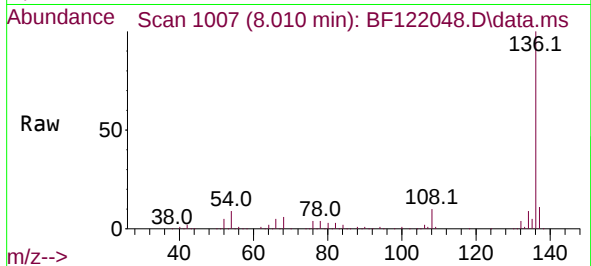


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Instrument :
BNA_F
ClientSampleId :
PB132505BL

Tgt Ion:136 Resp: 468388

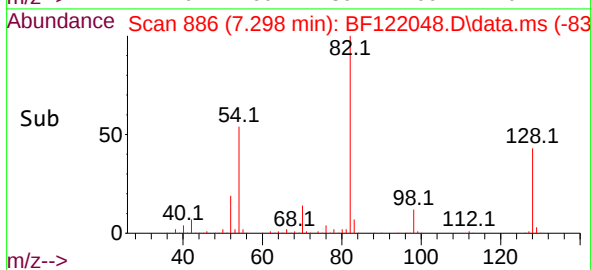
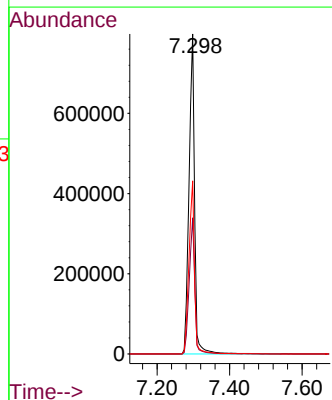
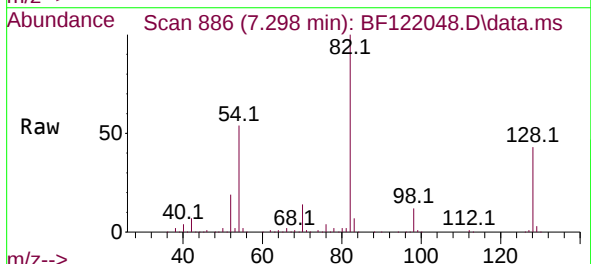
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.1	10.7
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.15 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion: 82 Resp: 850697

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.4
54	54.1	43.9	65.9

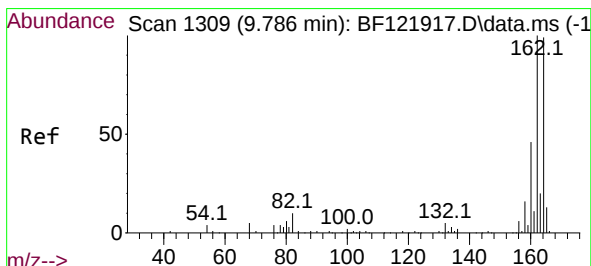
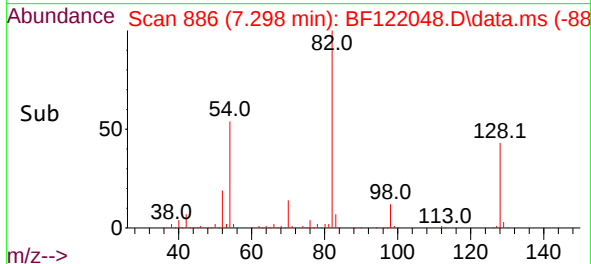
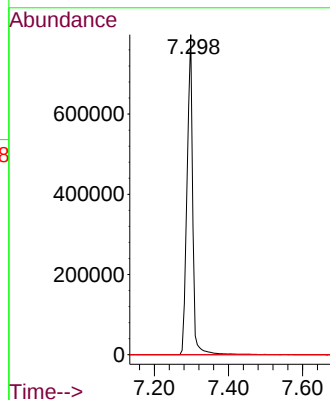
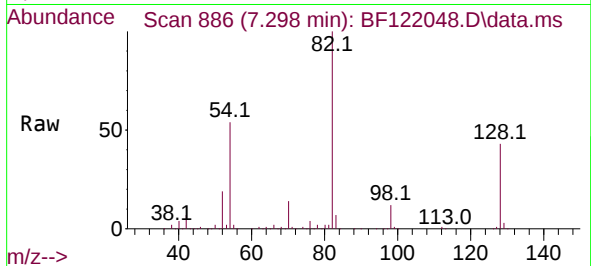




#25
Isophorone
Concen: 49.26 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

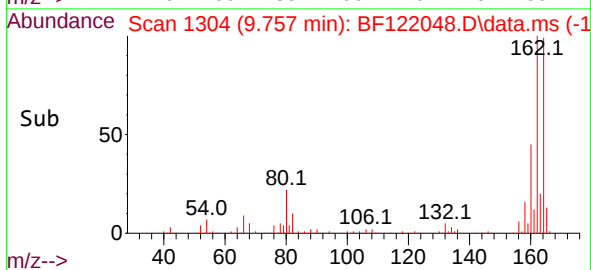
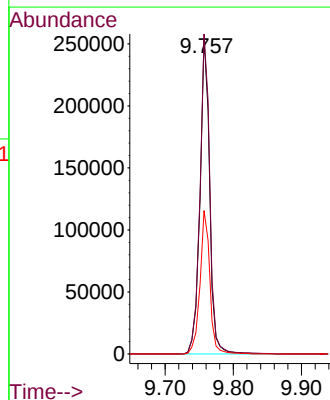
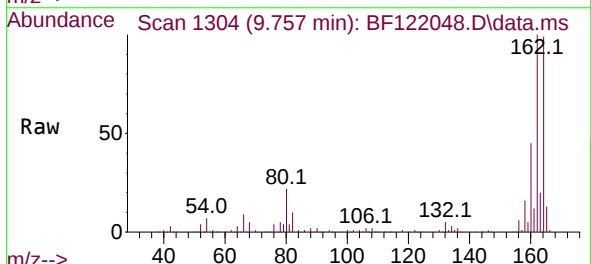
Instrument :
BNA_F
ClientSampleId :
PB132505BL

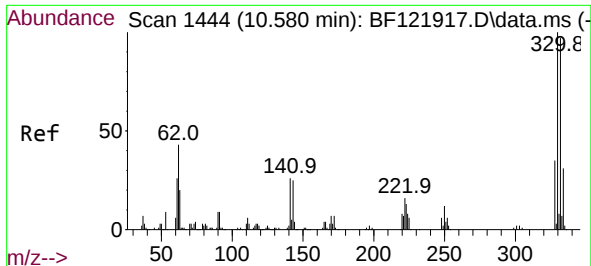
Tgt Ion: 82 Resp: 850693
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.023 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:164 Resp: 250508
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 45.4 37.5 56.3

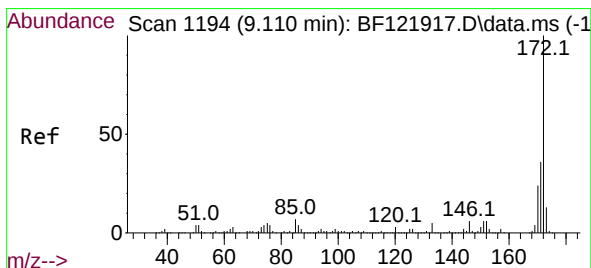
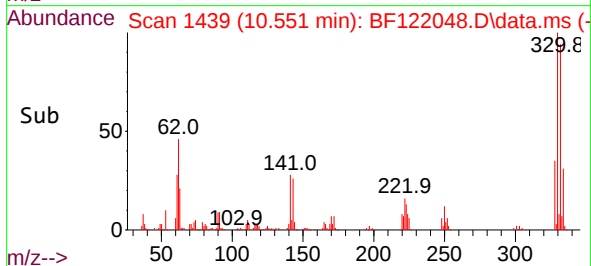
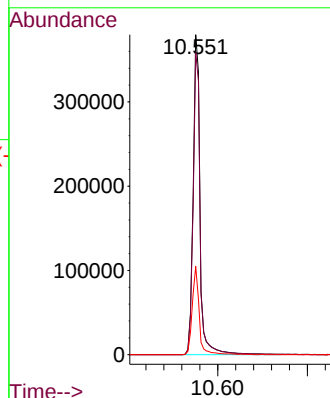
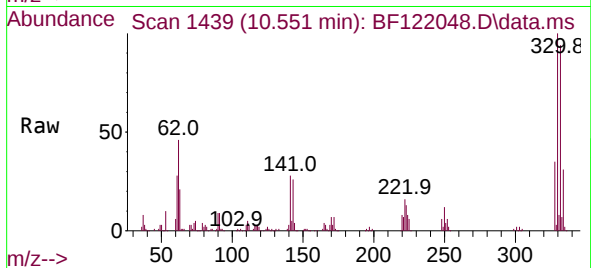




#42
2,4,6-Tribromophenol
Concen: 130.60 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.023 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

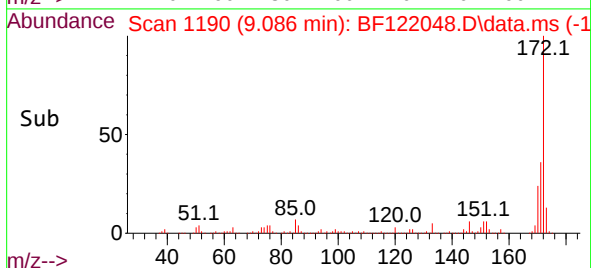
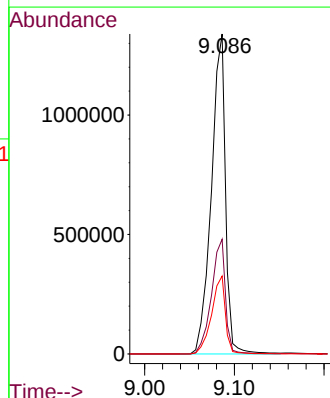
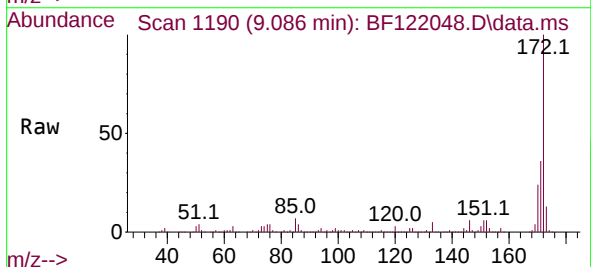
Instrument :
BNA_F
ClientSampleId :
PB132505BL

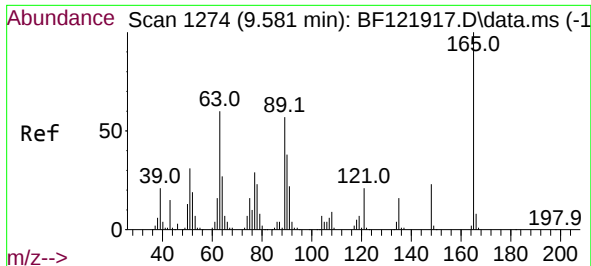
Tgt Ion:330 Resp: 404711
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 27.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 86.08 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:172 Resp: 1465569
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.4 19.8 29.6

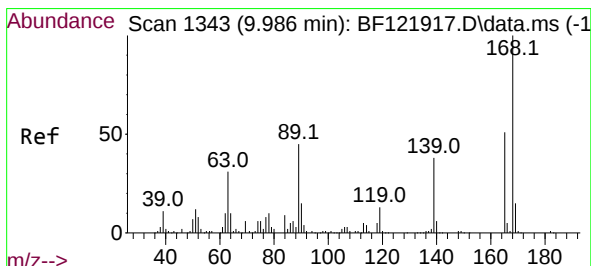
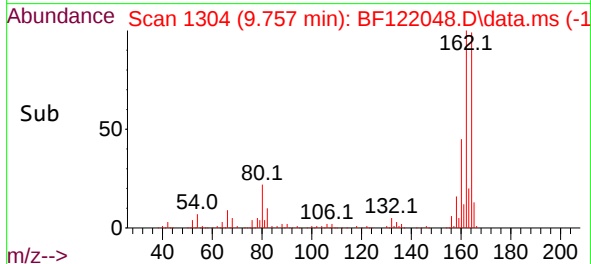
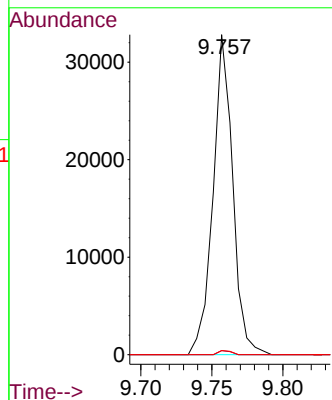
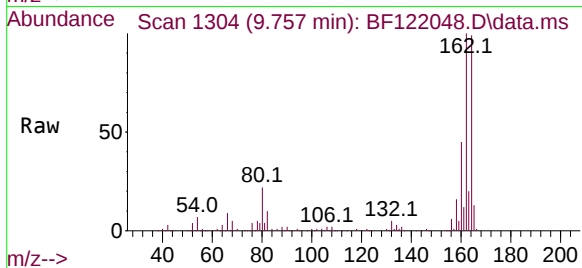




#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.182 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

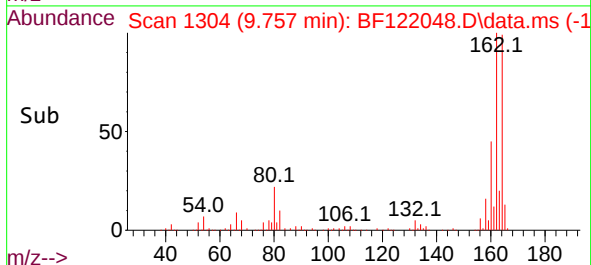
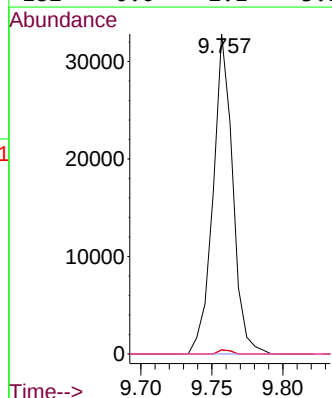
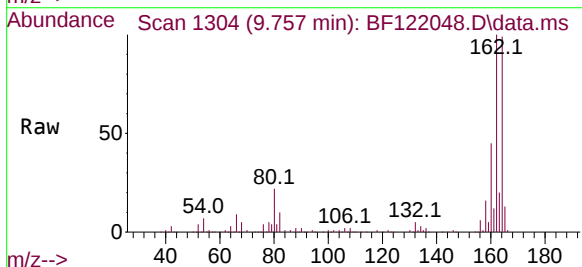
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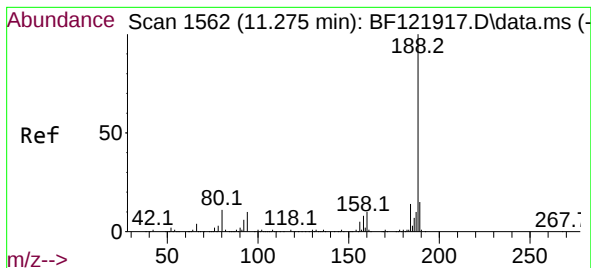
Tgt Ion:165 Resp: 31653
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.229 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:165 Resp: 31653
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

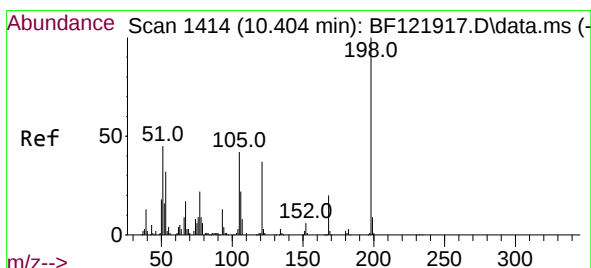
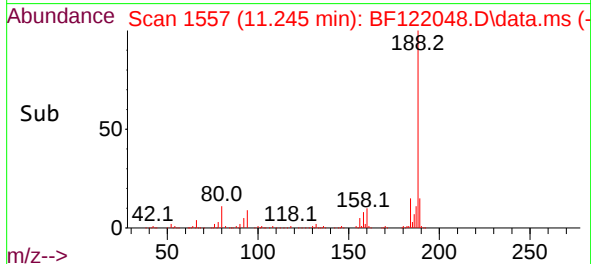
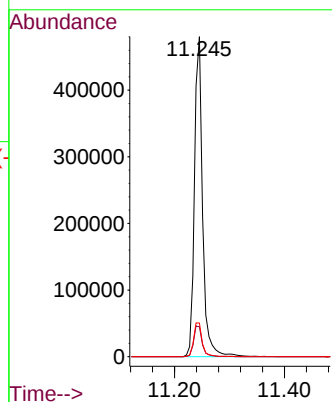
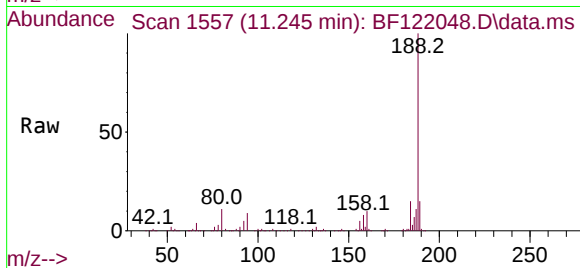




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.018 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

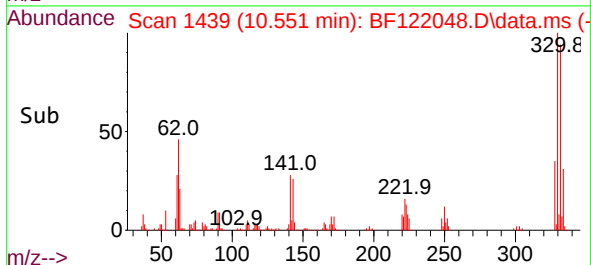
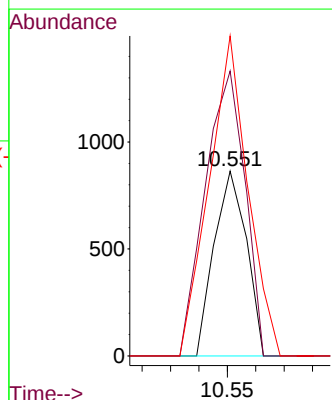
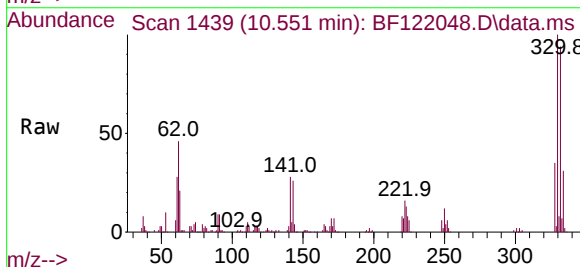
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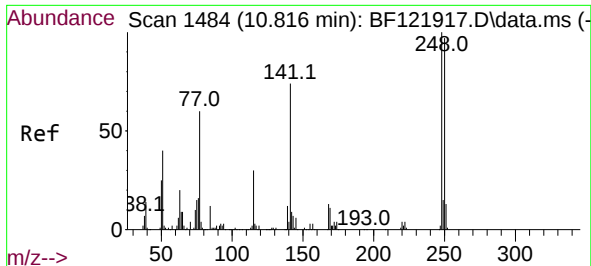
Tgt Ion:188 Resp: 490899
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.153 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 154.2 29.6 69.6#
105 173.1 24.4 64.4#

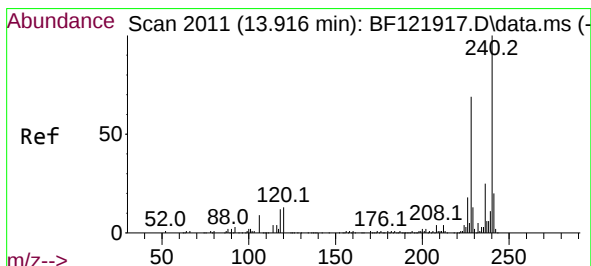
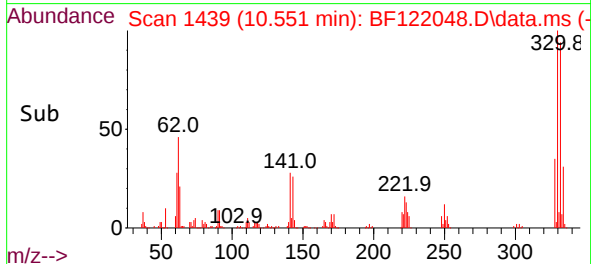
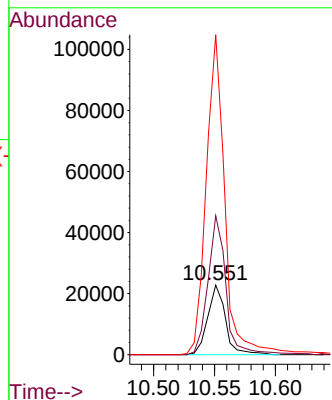
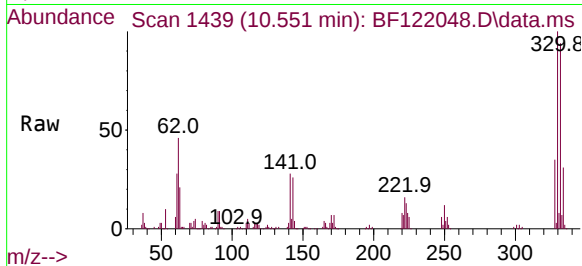




#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.259 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

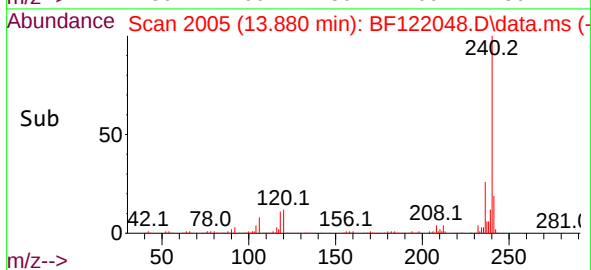
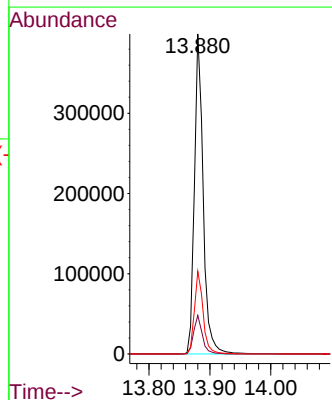
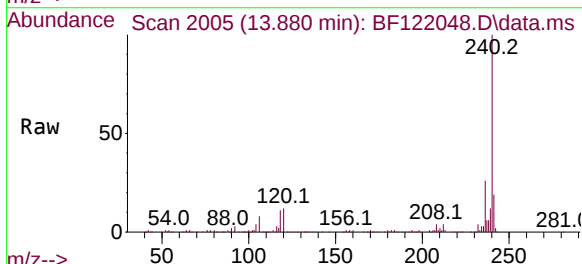
Instrument :
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ClientSampleId :
PB132505BL

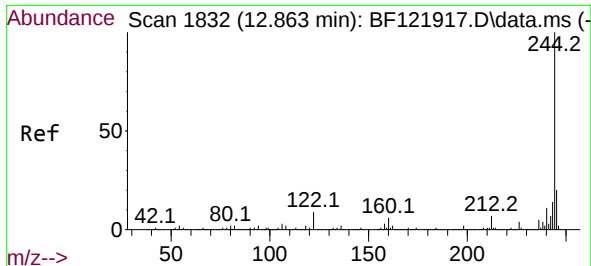
Tgt Ion:248 Resp: 23200
Ion Ratio Lower Upper
248 100
250 199.6 77.0 115.6#
141 459.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.029 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:240 Resp: 398761
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.9 20.9 31.3

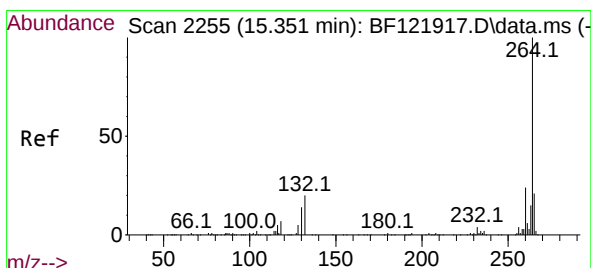
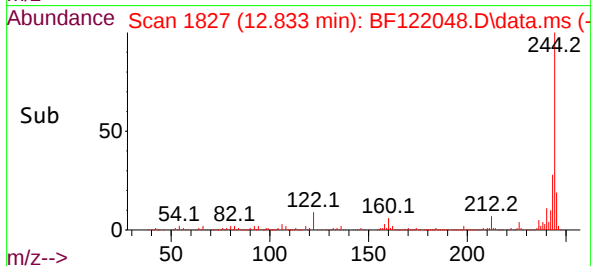
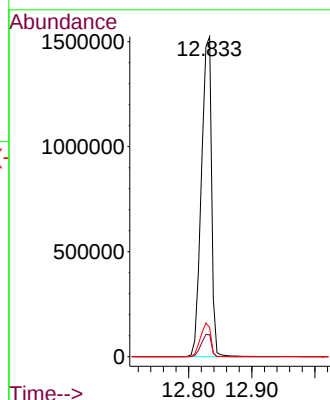
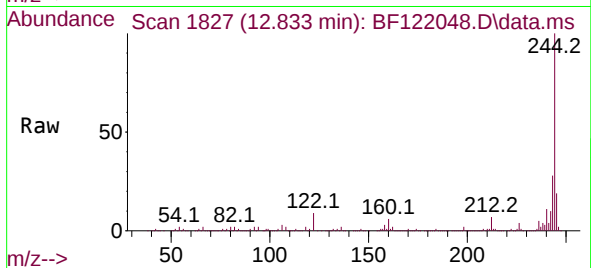




#79
Terphenyl-d14
Concen: 81.36 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Instrument :
BNA_F
ClientSampleId :
PB132505BL

Tgt Ion:244 Resp: 1702332
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 9.1 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.309 min Scan# 2248
Delta R.T. -0.029 min
Lab File: BF122048.D
Acq: 21 Oct 2020 11:28

Tgt Ion:264 Resp: 331002
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.3 17.3 25.9

