

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122741.D
 Acq On : 16 Dec 2020 10:19
 Operator : JU/CG
 Sample : PB133618BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133618BL

Quant Time: Dec 16 11:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

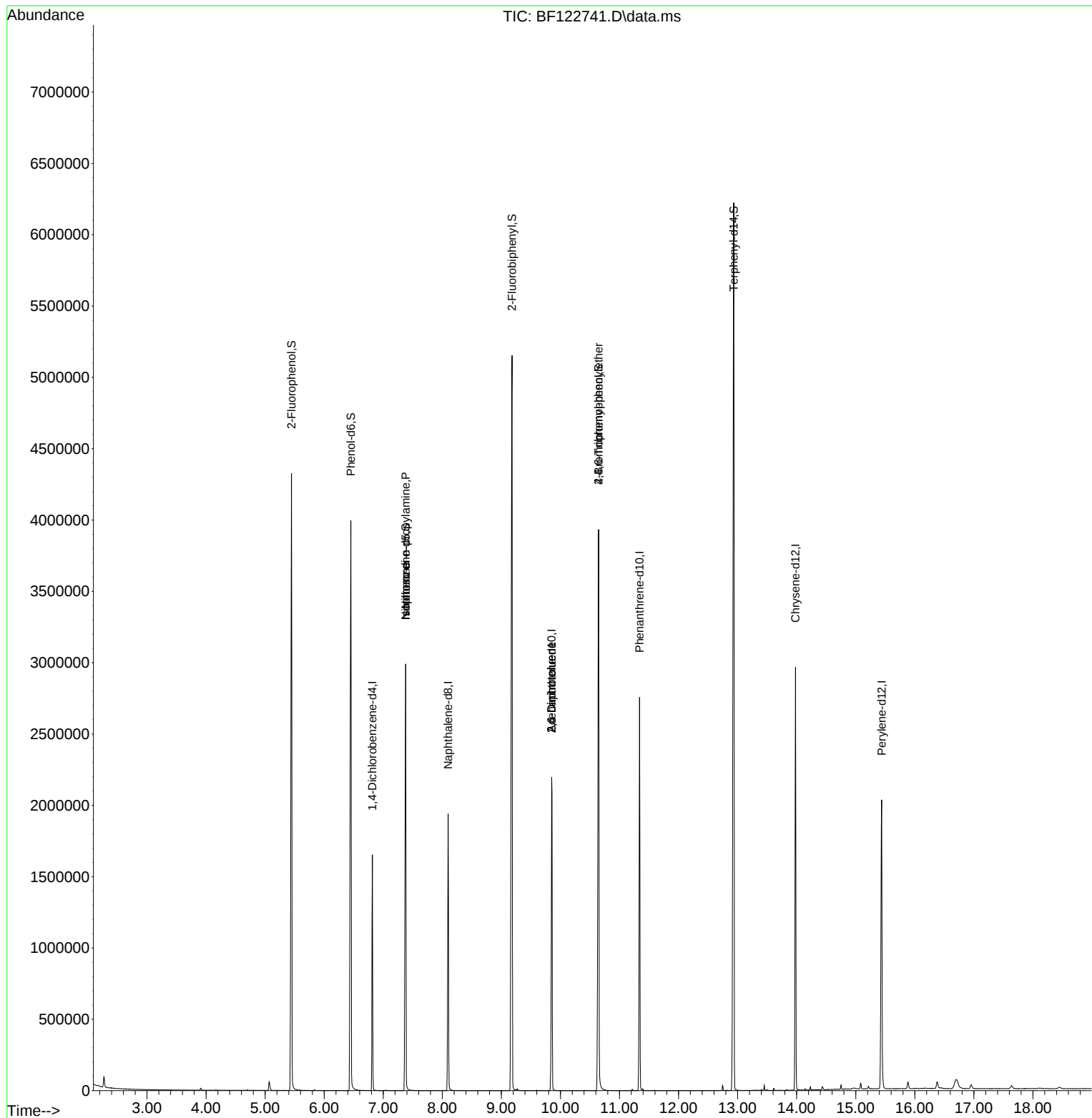
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	246125	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	976859	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	538863	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	1046460	20.00	ng	0.00
76) Chrysene-d12	13.980	240	1037146	20.00	ng	0.00
86) Perylene-d12	15.439	264	999043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1460359	93.94	ng	0.01
7) Phenol-d6	6.451	99	1826186	88.57	ng	0.00
23) Nitrobenzene-d5	7.381	82	1177872	60.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	676126	95.86	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2177676	54.66	ng	0.00
79) Terphenyl-d14	12.933	244	2720167	45.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	156819	13.28	ng	# 76
25) Isophorone	7.381	82	1177861	35.07	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	70263	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	70263	5.80	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	40993	2.89	ng	# 1

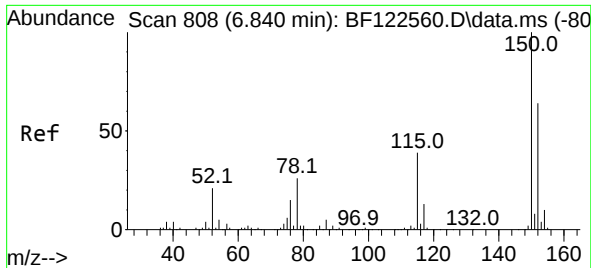
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF122741.D
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Quant Time: Dec 16 11:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

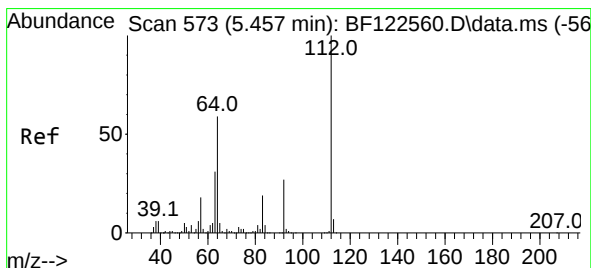
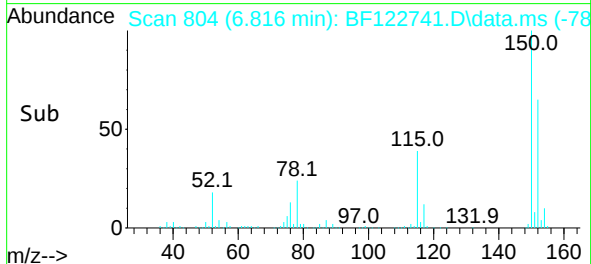
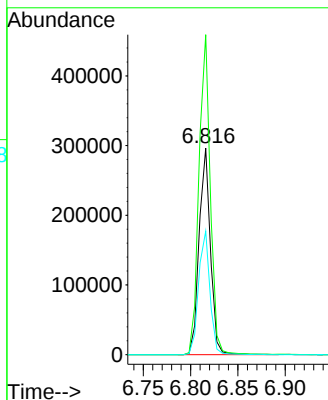
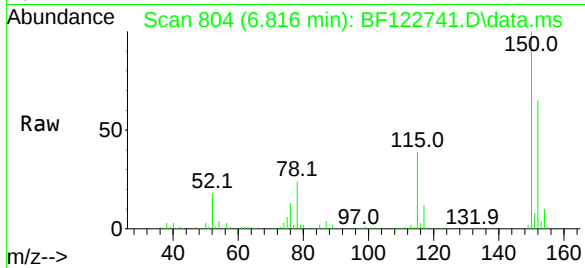




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

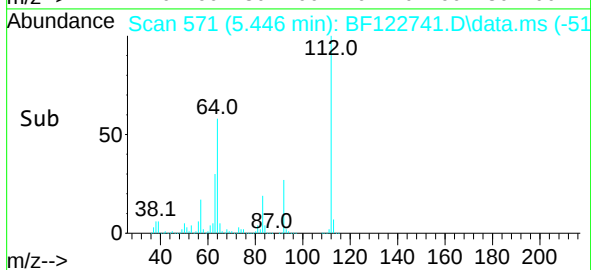
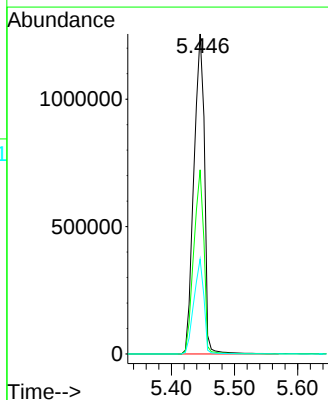
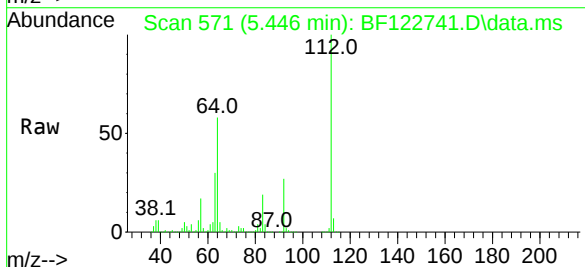
Instrument :
BNA_F
ClientSampleId :
PB133618BL

Tgt Ion:152 Resp: 246125
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 93.94 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Tgt Ion:112 Resp: 1460359
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 29.6 24.5 36.7



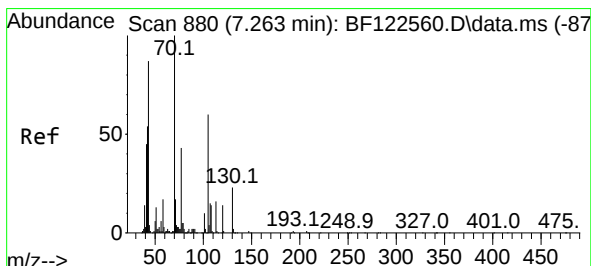
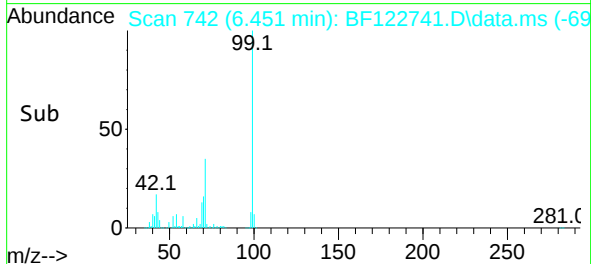
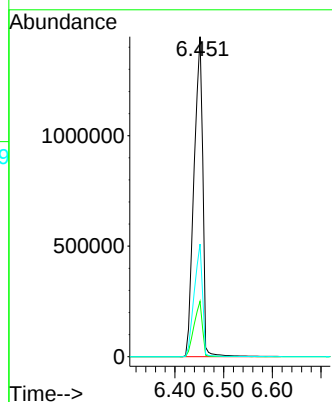
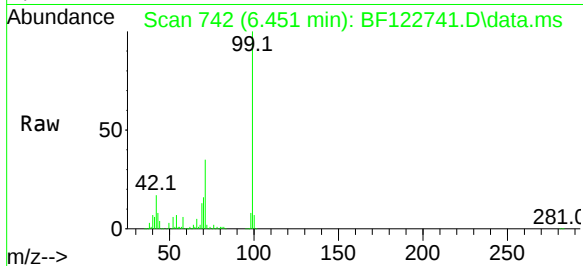


#7
Phenol-d6
Concen: 88.57 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Instrument :
BNA_F
ClientSampleId :
PB133618BL

Tgt Ion: 99 Resp: 1826186

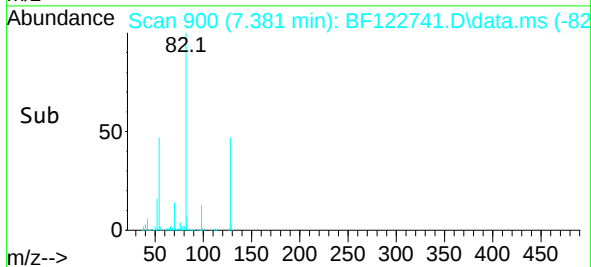
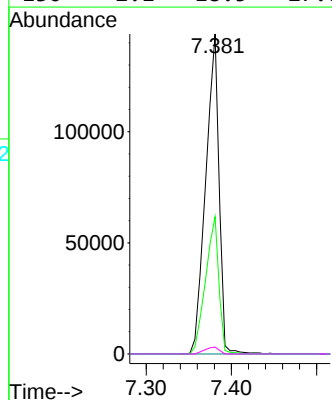
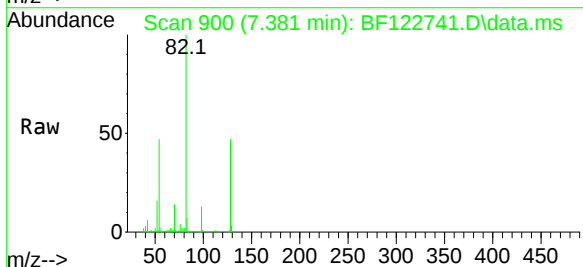
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	35.2	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Tgt Ion: 70 Resp: 156819

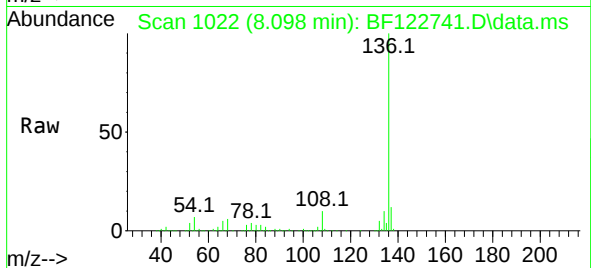
Ion	Ratio	Lower	Upper
70	100		
42	42.9	43.0	64.4#
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



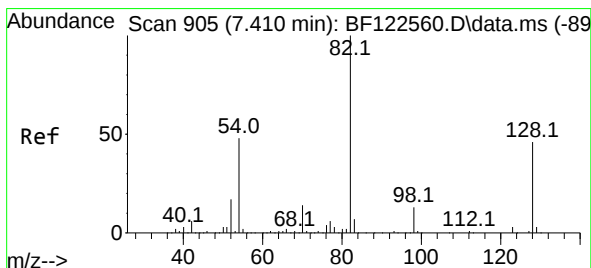
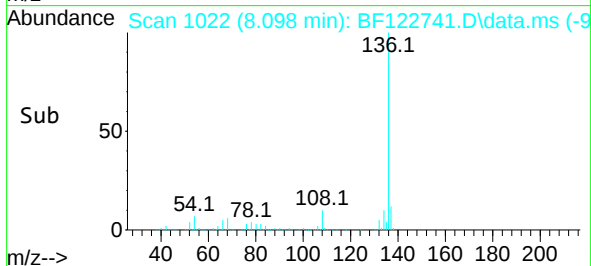
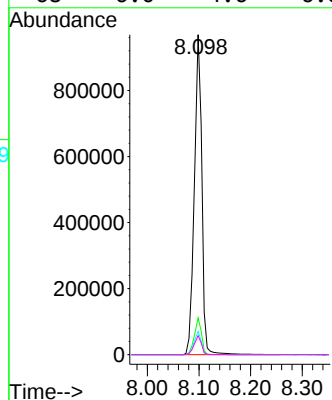


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Instrument :
BNA_F
ClientSampleId :
PB133618BL

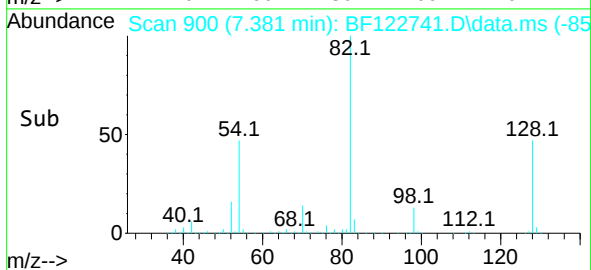
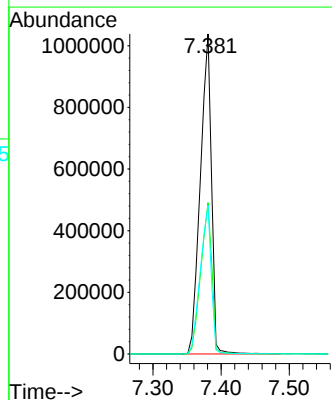
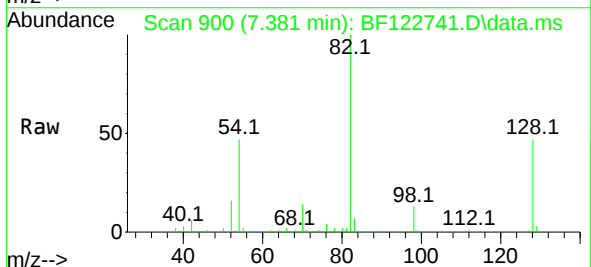


Tgt	Ion:136	Resp:	976859
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.2	5.5	8.3
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 60.41 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

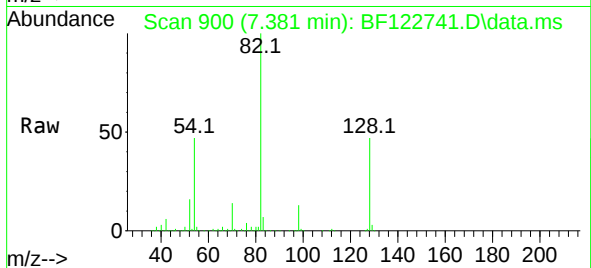
Tgt Ion: 82		Resp: 1177872	
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	46.5	38.4	57.6



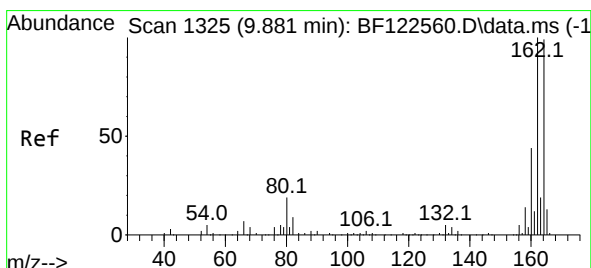
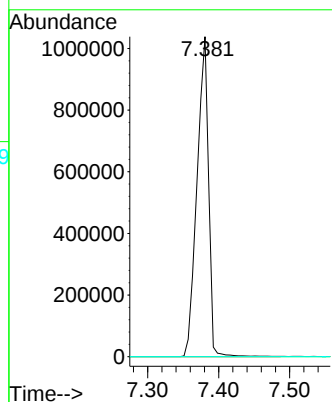
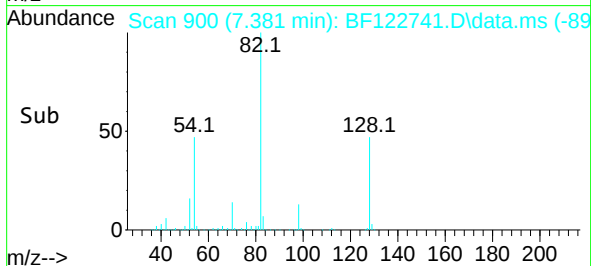


#25
Isophorone
Concen: 35.07 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

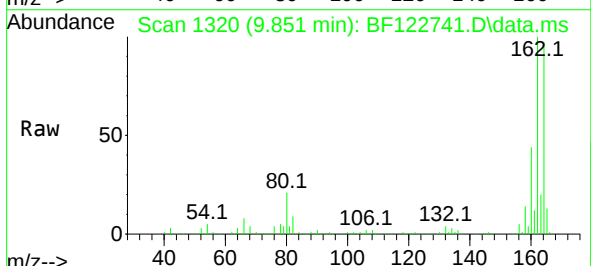
Instrument :
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ClientSampleId :
PB133618BL



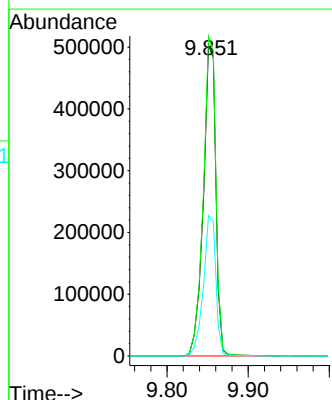
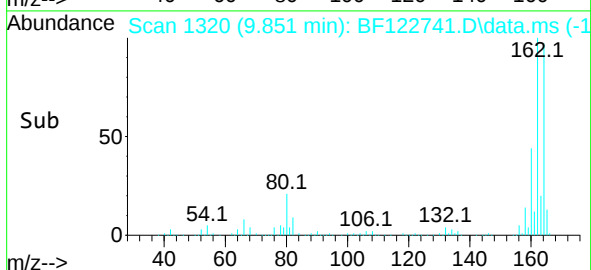
Tgt Ion: 82 Resp: 1177861
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

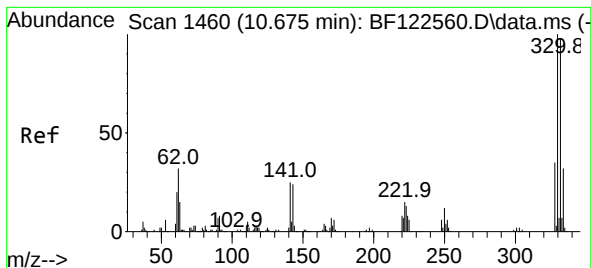


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19



Tgt Ion: 164 Resp: 538863
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.2 35.4 53.0

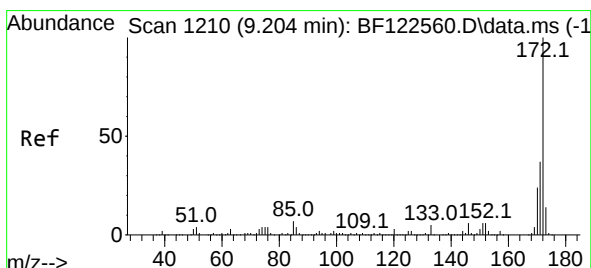
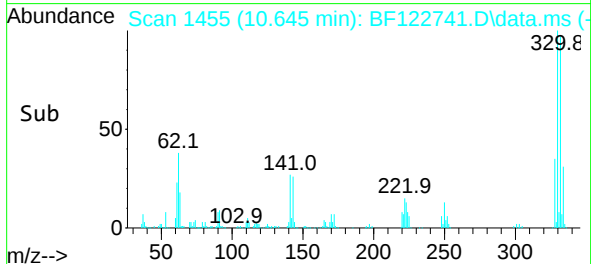
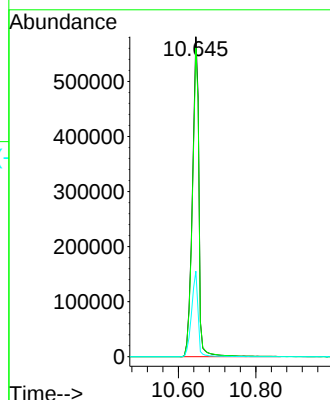
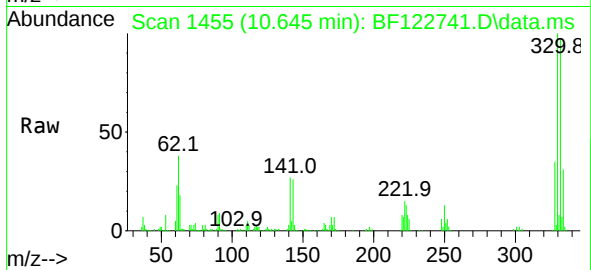




#42
 2,4,6-Tribromophenol
 Concen: 95.86 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF122741.D
 Acq: 16 Dec 2020 10:19

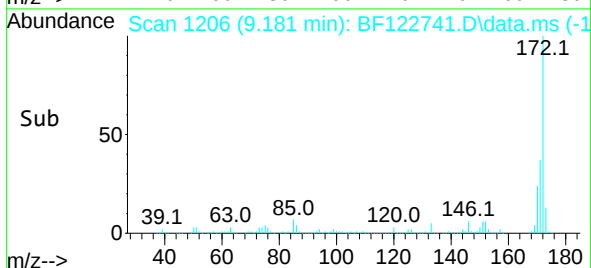
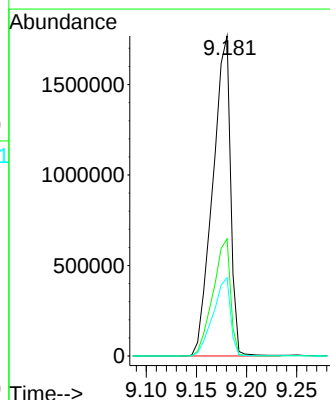
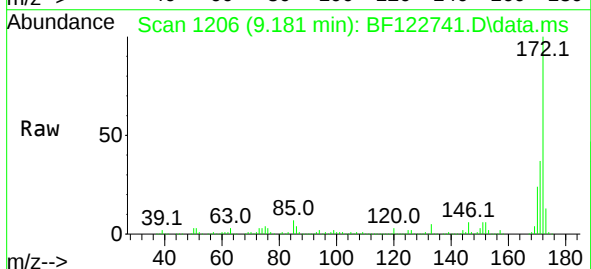
Instrument :
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 ClientSampleId :
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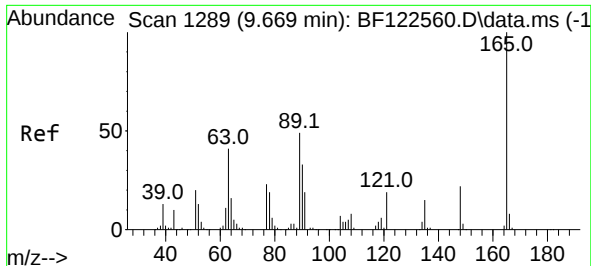
Tgt Ion: 330 Resp: 676126
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 26.9 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 54.66 ng
 RT: 9.181 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF122741.D
 Acq: 16 Dec 2020 10:19

Tgt Ion: 172 Resp: 2177676
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 19.5 29.3

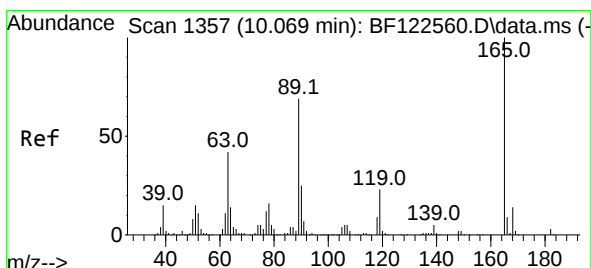
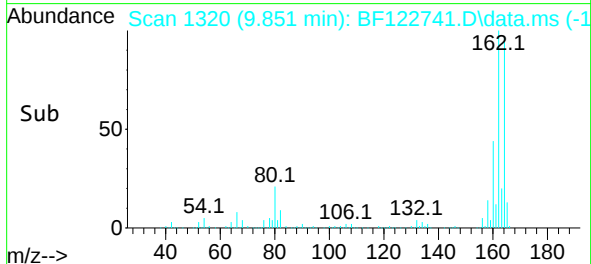
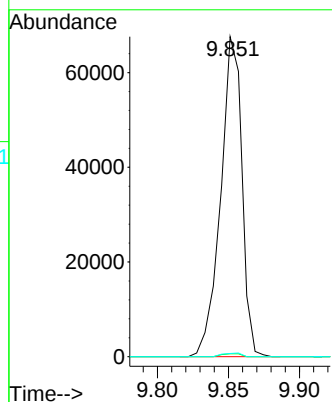
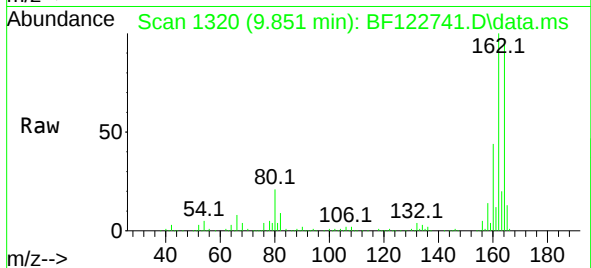




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

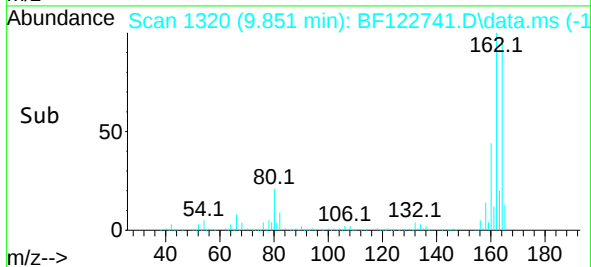
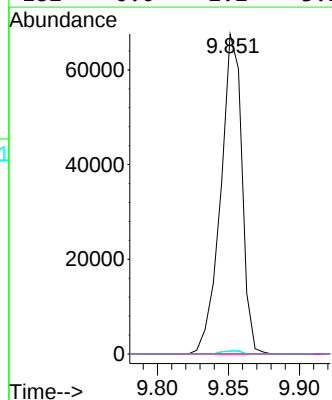
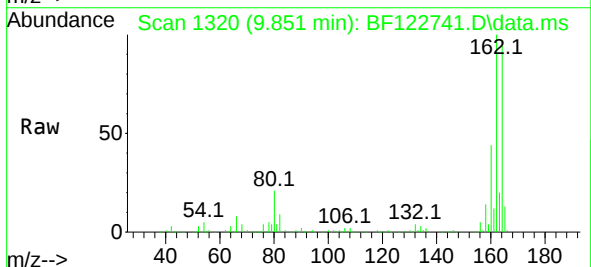
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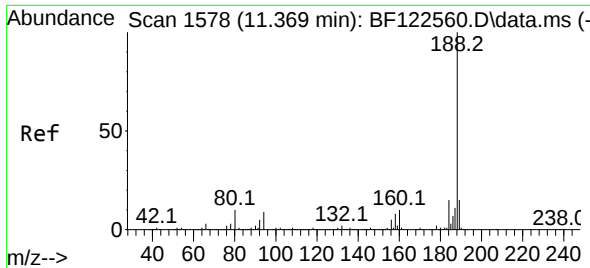
Tgt Ion:165 Resp: 70263
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Tgt Ion:165 Resp: 70263
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

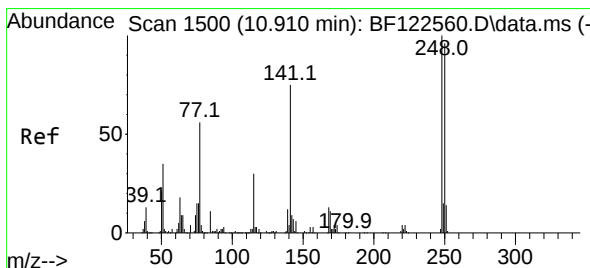
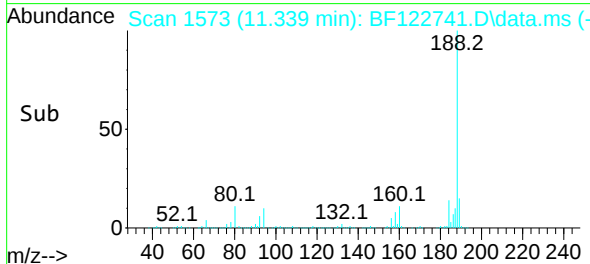
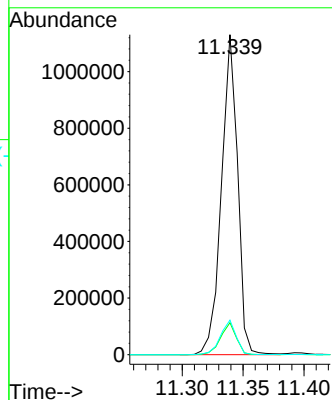
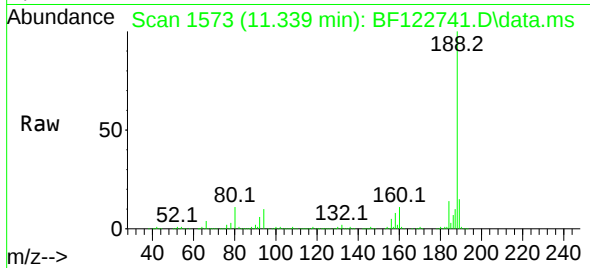




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

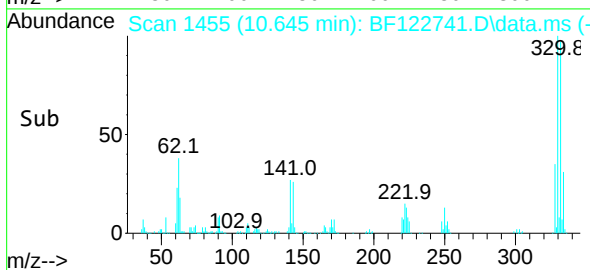
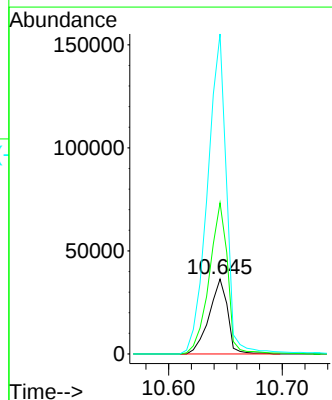
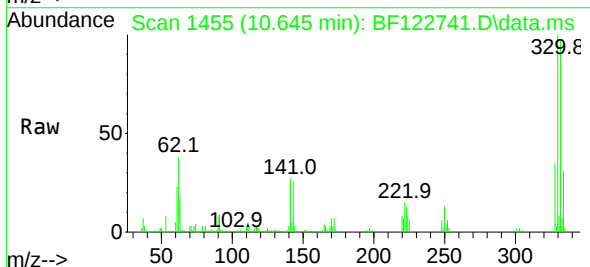
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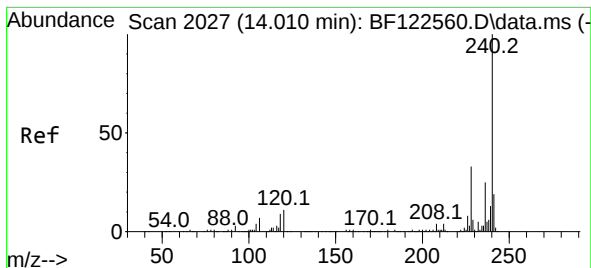
Tgt Ion:188 Resp: 1046460
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

Tgt Ion:248 Resp: 40993
Ion Ratio Lower Upper
248 100
250 202.1 76.8 115.2#
141 427.5 59.8 89.8#

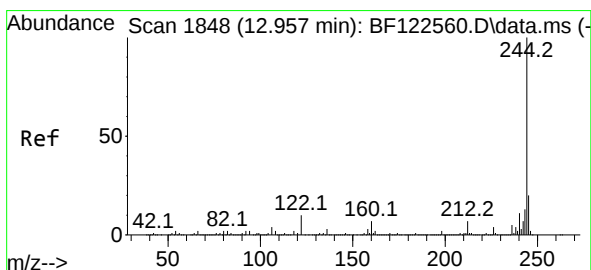
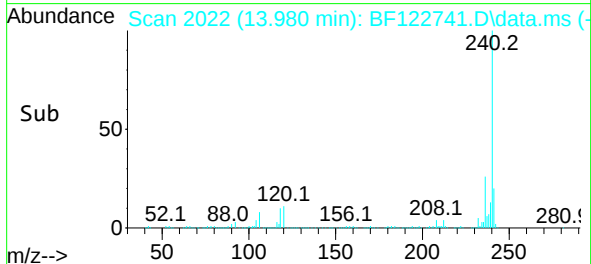
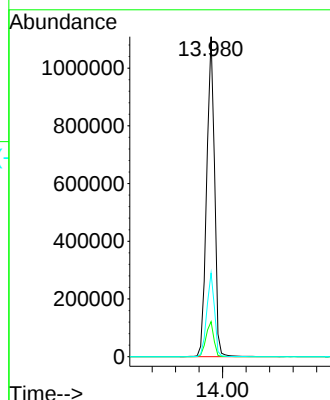
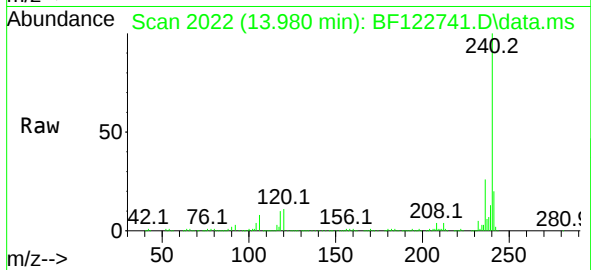




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

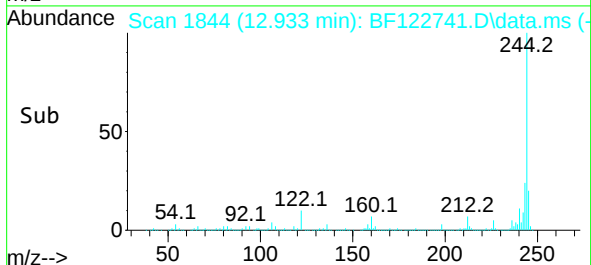
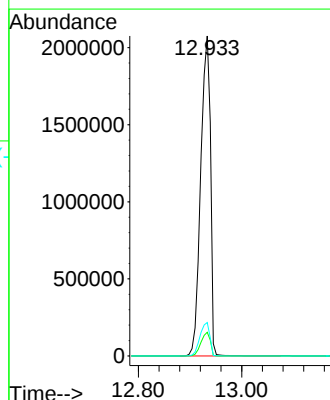
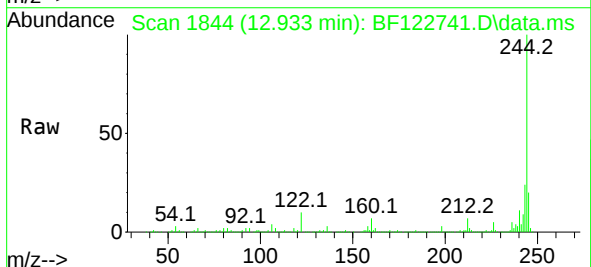
Instrument :
BNA_F
ClientSampleId :
PB133618BL

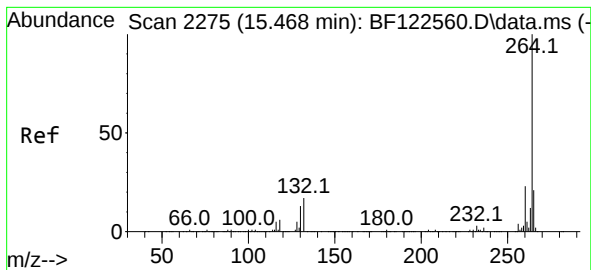
Tgt Ion:240 Resp: 1037146
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 45.91 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122741.D
Acq: 16 Dec 2020 10:19

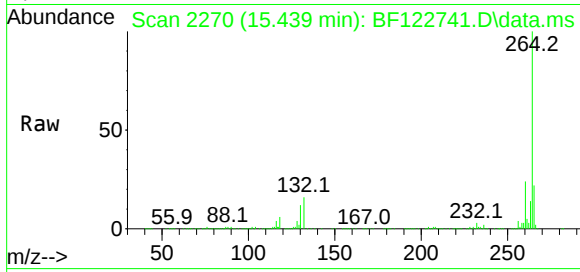
Tgt Ion:244 Resp: 2720167
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122741.D
 Acq: 16 Dec 2020 10:19

Instrument :
 BNA_F
 ClientSampleId :
 PB133618BL



Tgt Ion:264 Resp: 999043
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 21.6 17.0 25.6

