

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
 Data File : BF122934.D
 Acq On : 7 Jan 2021 19:49
 Operator : JU/CG
 Sample : PB133961BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133961BL

Quant Time: Jan 08 16:38:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 16:17:19 2021
 Response via : Initial Calibration

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

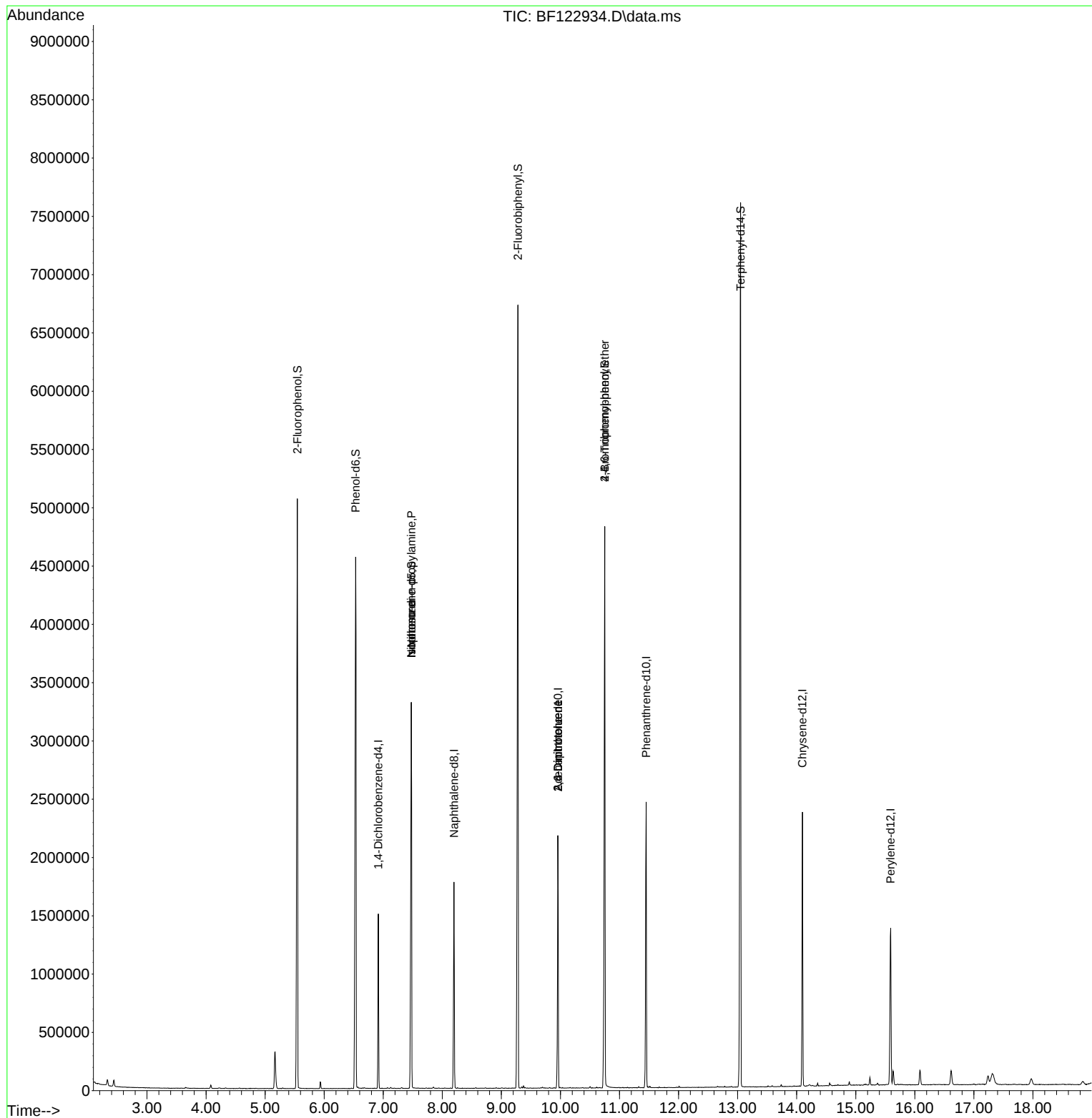
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	203522	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	811452	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	456899	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	882458	20.00	ng	0.00
76) Chrysene-d12	14.098	240	736975	20.00	ng	0.00
86) Perylene-d12	15.592	264	633003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1668886	123.10	ng	0.01
7) Phenol-d6	6.534	99	2157811	117.29	ng	0.00
23) Nitrobenzene-d5	7.475	82	1303582	79.43	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	672673	130.34	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2428405	75.34	ng	0.00
79) Terphenyl-d14	13.051	244	2772918	69.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	1294	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.475	70	172576	15.37	ng	# 79
25) Isophorone	7.475	82	1301876	44.24	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	60682	8.35	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	60682	6.53	ng	# 25
67) 4-Bromophenyl-phenylether	10.751	248	43546	4.08	ng	# 1

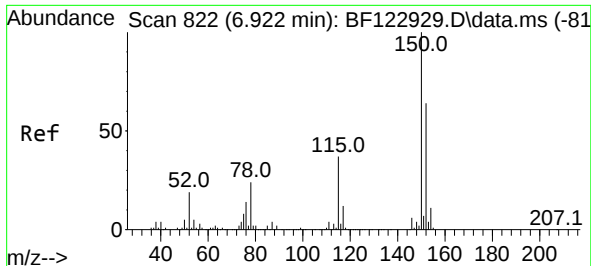
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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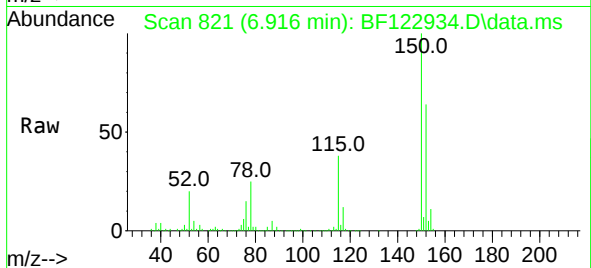
Quant Time: Jan 08 16:38:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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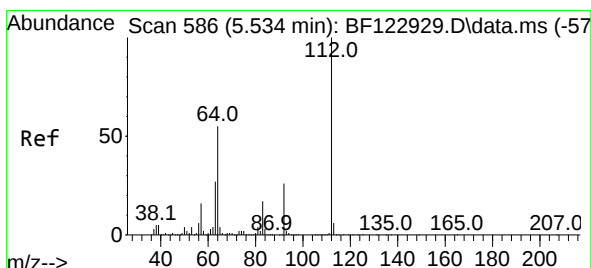
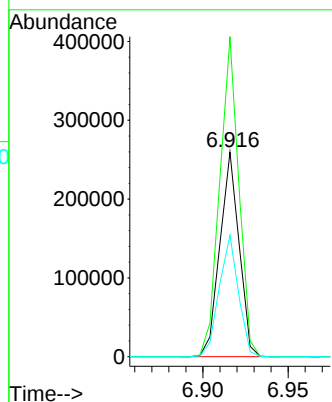
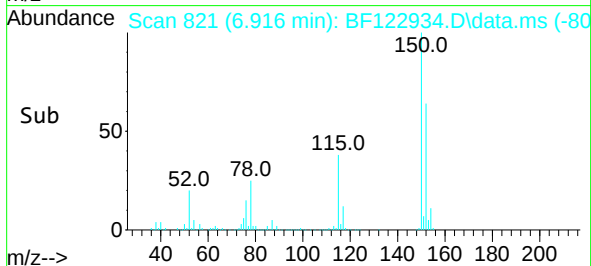


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

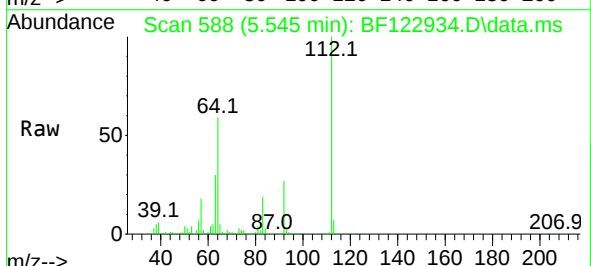
Instrument :
BNA_F
ClientSampleId :
PB133961BL



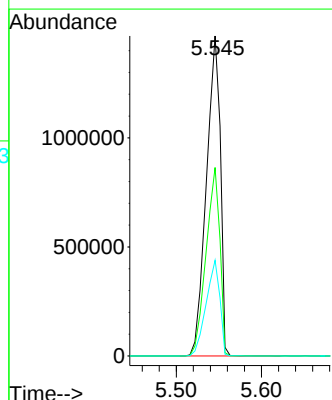
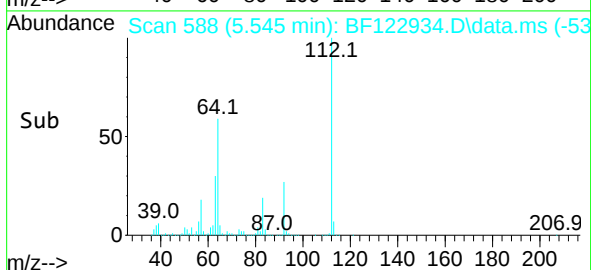
Tgt Ion:152 Resp: 203522
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 59.4 49.3 73.9

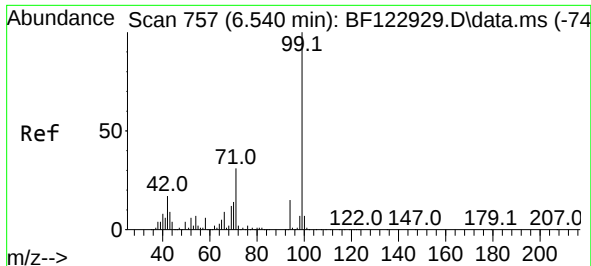


#5
2-Fluorophenol
Concen: 123.10 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.011 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49



Tgt Ion:112 Resp: 1668886
Ion Ratio Lower Upper
112 100
64 58.9 46.9 70.3
63 29.9 24.5 36.7



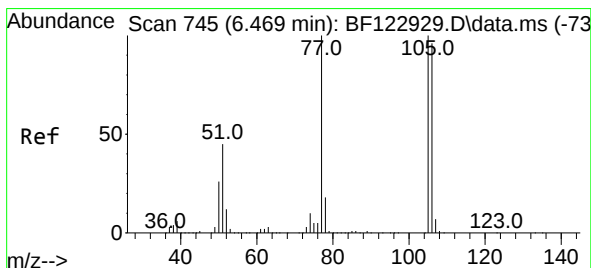
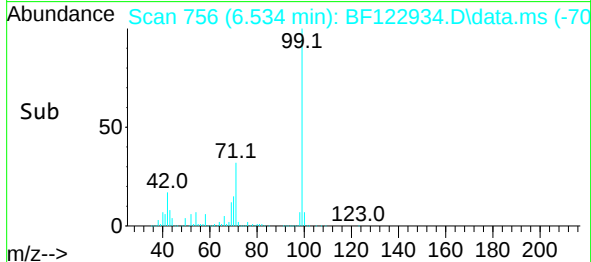
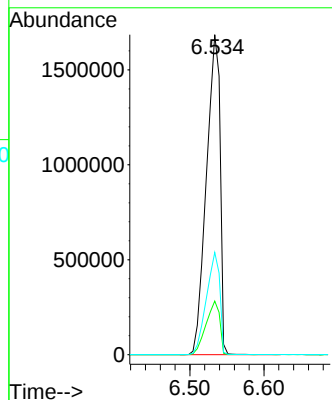
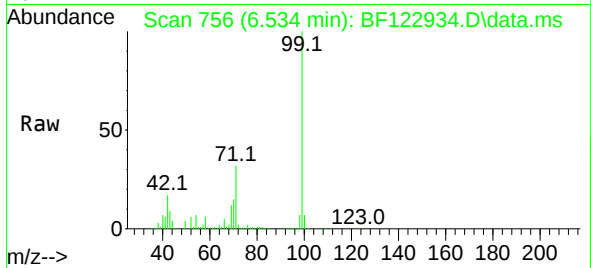


#7
Phenol-d6
Concen: 117.29 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Instrument :
BNA_F
ClientSampleId :
PB133961BL

Tgt Ion: 99 Resp: 2157811

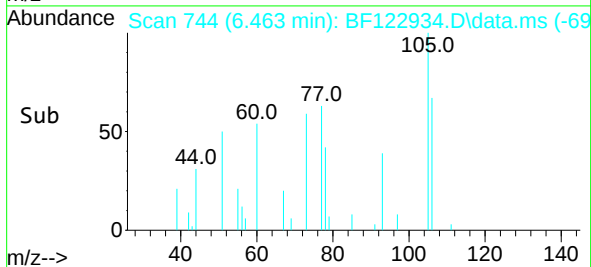
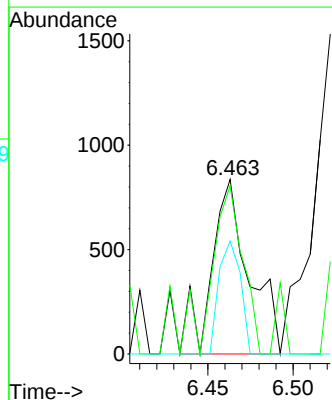
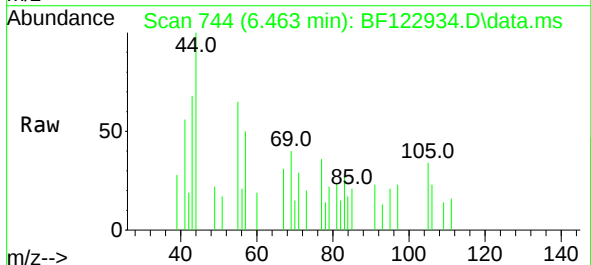
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	31.9	26.9	40.3

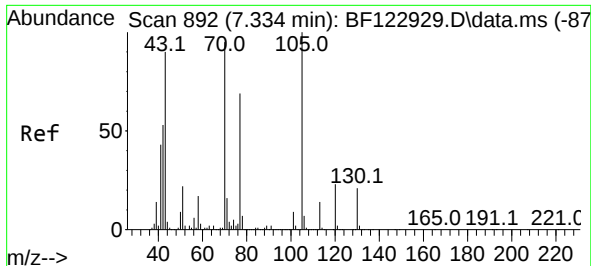


#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion: 77 Resp: 1294

Ion	Ratio	Lower	Upper
77	100		
105	96.4	80.6	120.6
106	64.7	77.2	117.2

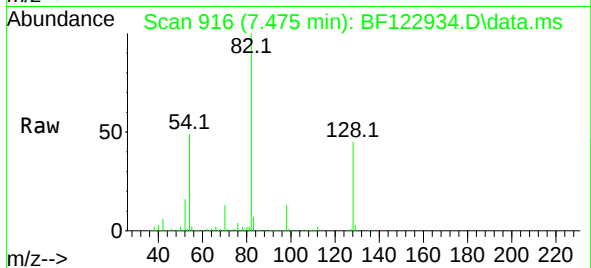




#19

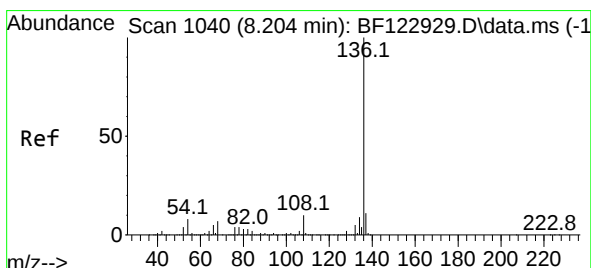
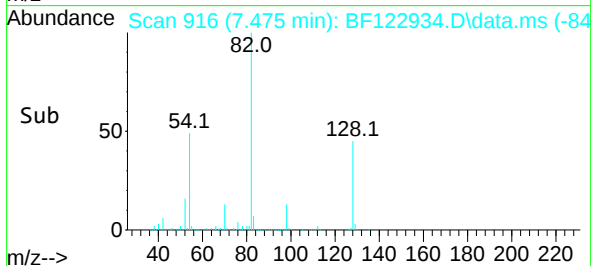
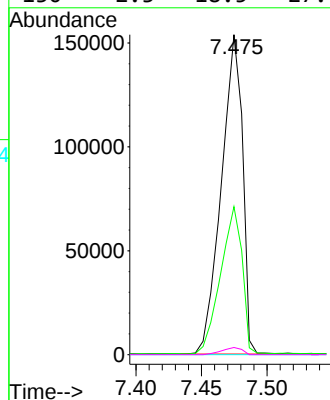
n-Nitroso-di-n-propylamine
Concen: 15.37 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Instrument :
BNA_F
ClientSampleId :
PB133961BL



Tgt Ion: 70 Resp: 172576

Ion	Ratio	Lower	Upper
70	100		
42	46.3	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#

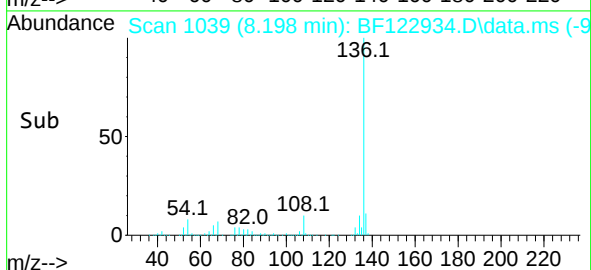
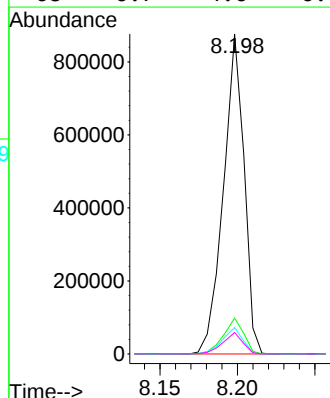
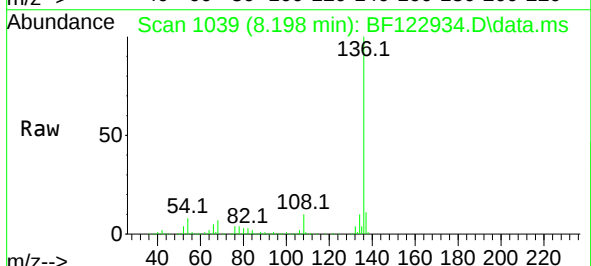


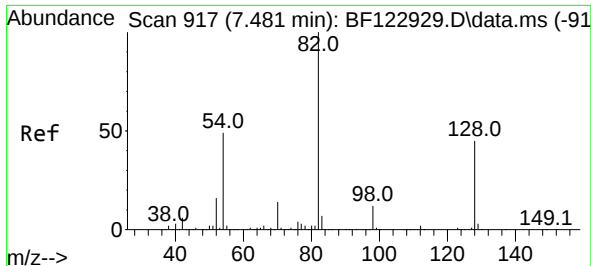
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion: 136 Resp: 811452

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.3	5.5	8.3
68	6.7	4.6	6.8

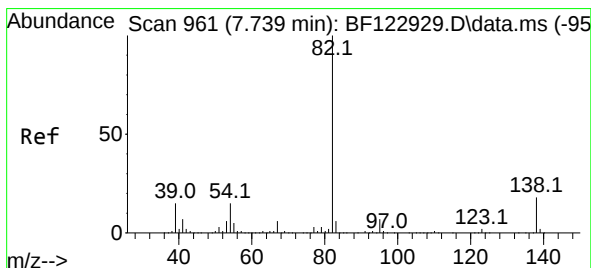
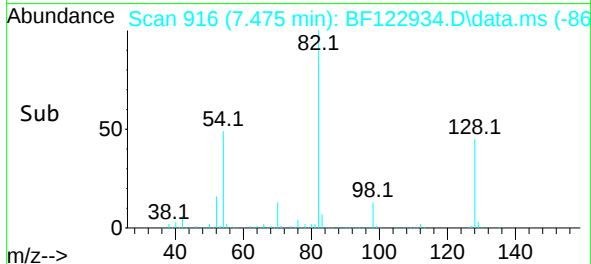
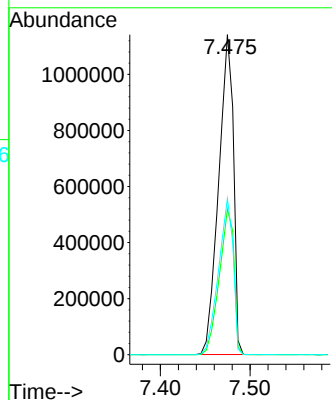
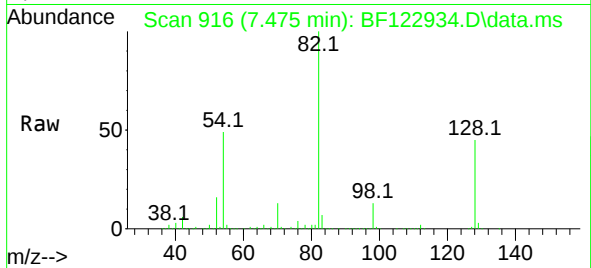




#23
Nitrobenzene-d5
Concen: 79.43 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

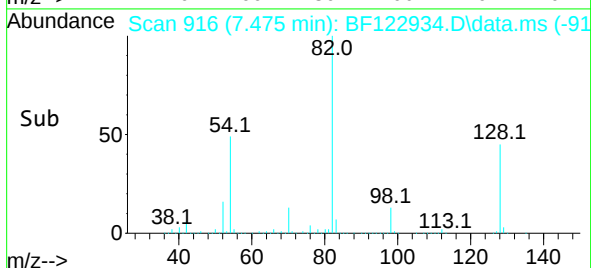
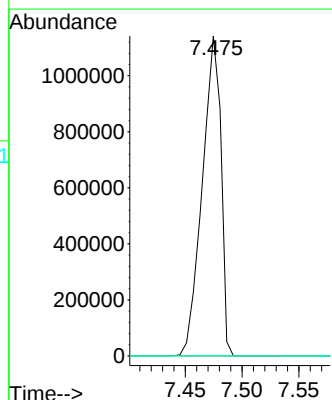
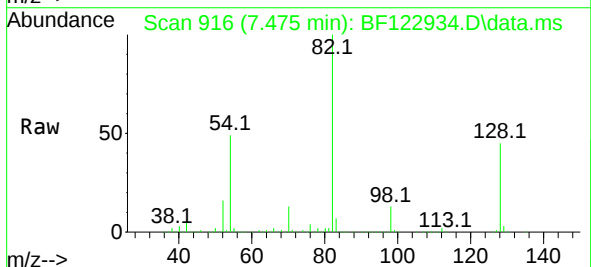
Instrument :
BNA_F
ClientSampleId :
PB133961BL

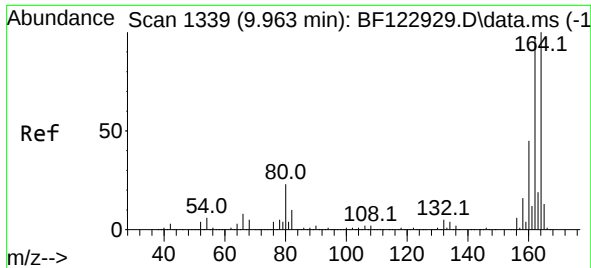
Tgt Ion: 82 Resp: 1303582
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.4
54 48.8 38.4 57.6



#25
Isophorone
Concen: 44.24 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion: 82 Resp: 1301876
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

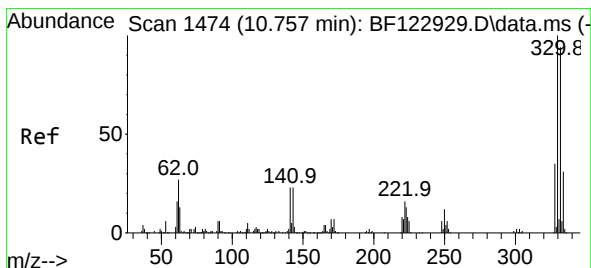
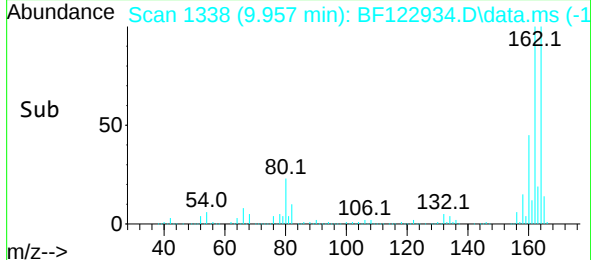
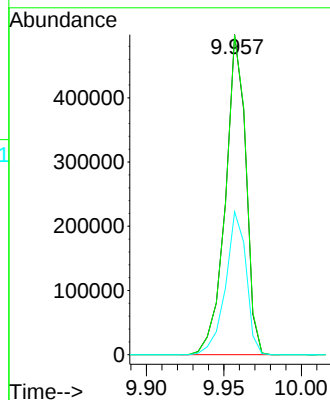
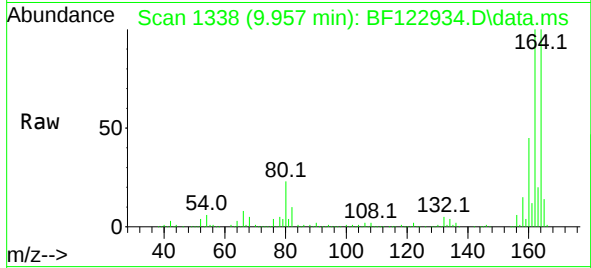




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

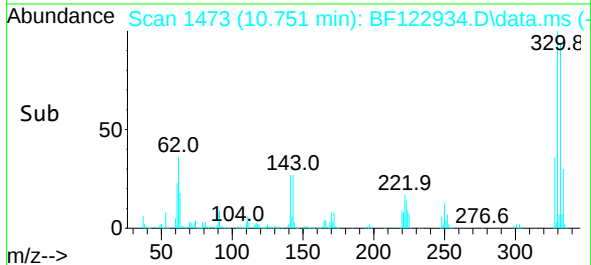
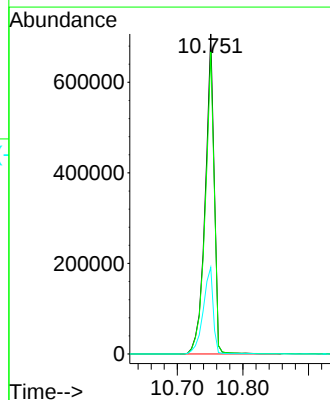
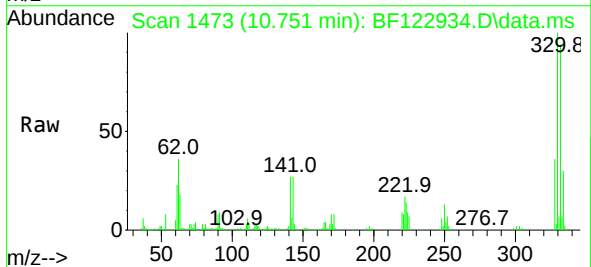
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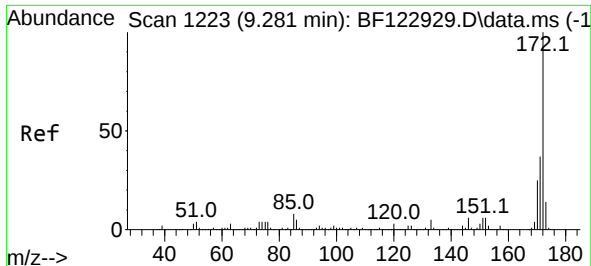
Tgt Ion:164 Resp: 456899
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 130.34 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion:330 Resp: 672673
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 30.4 23.8 35.8

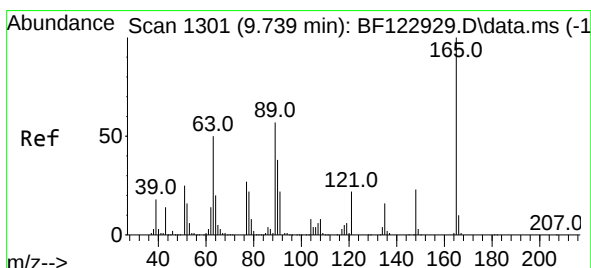
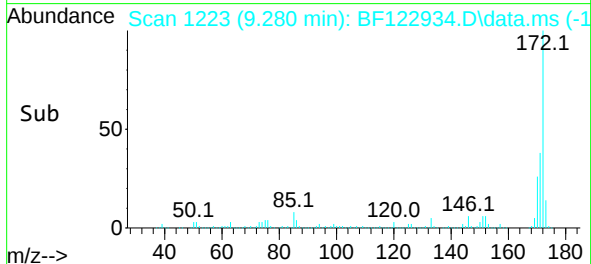
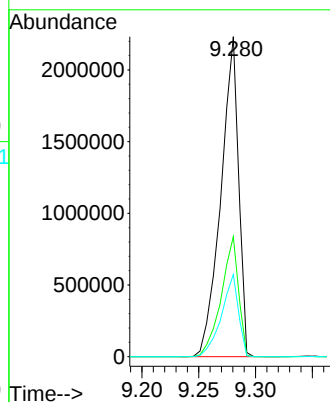
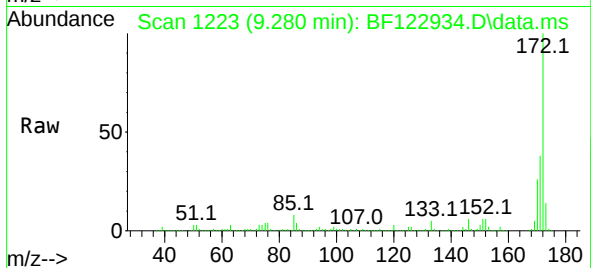




#45
2-Fluorobiphenyl
Concen: 75.34 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

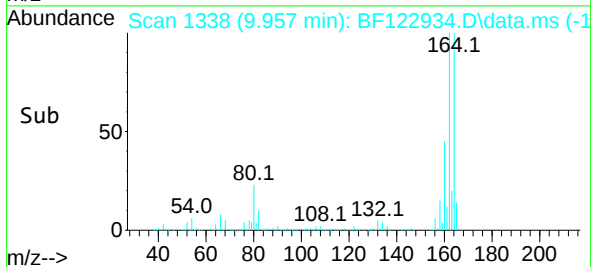
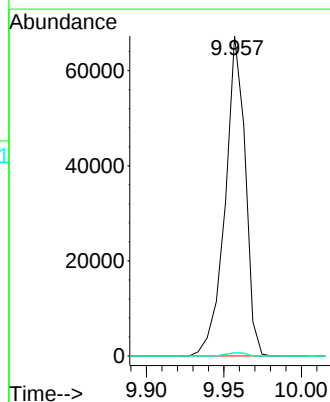
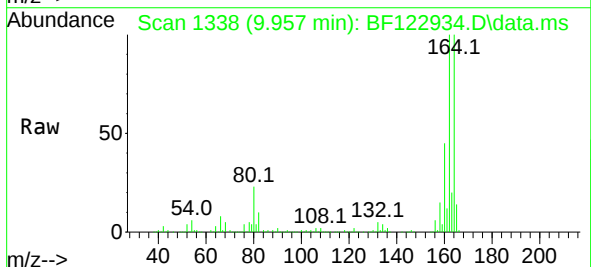
Instrument :
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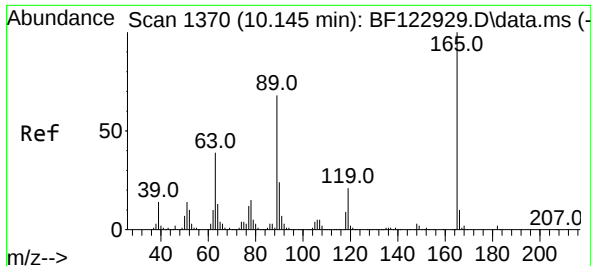
Tgt Ion:172 Resp: 2428405
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 25.7 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

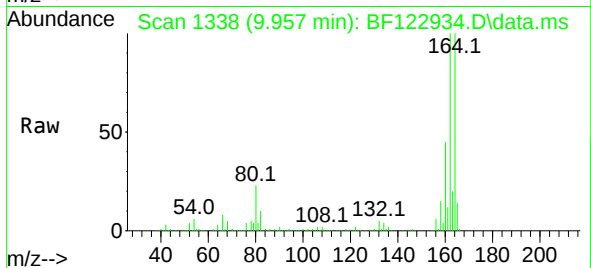
Tgt Ion:165 Resp: 60682
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.1 39.4 59.0#



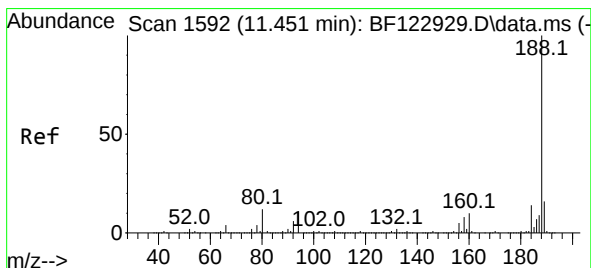
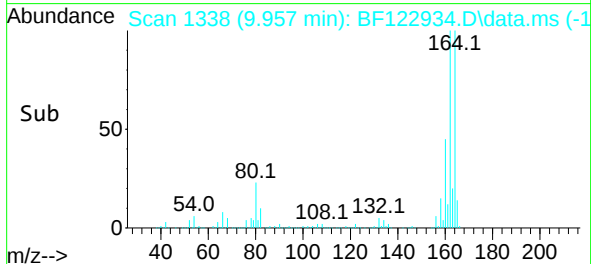
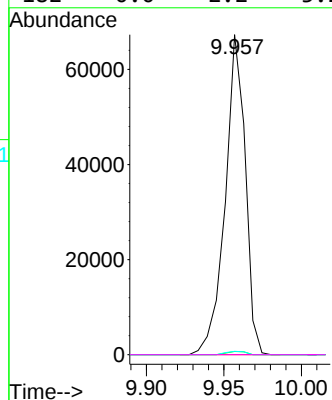


#57
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Instrument :
BNA_F
ClientSampleId :
PB133961BL

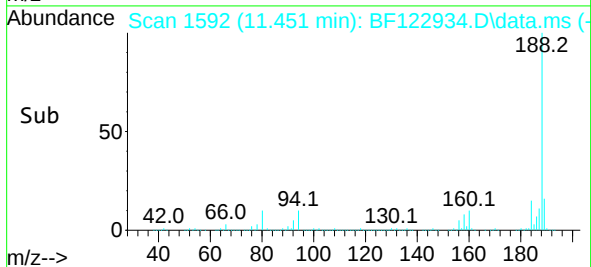
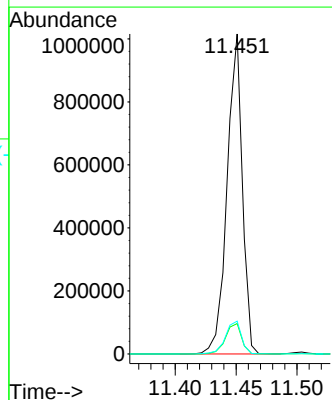
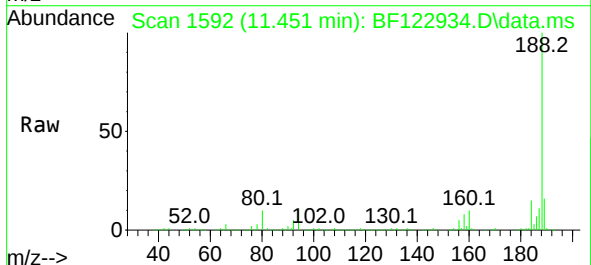


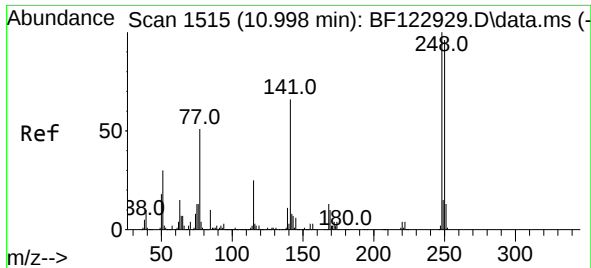
Tgt Ion:165 Resp: 60682
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion:188 Resp: 882458
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.2 12.4

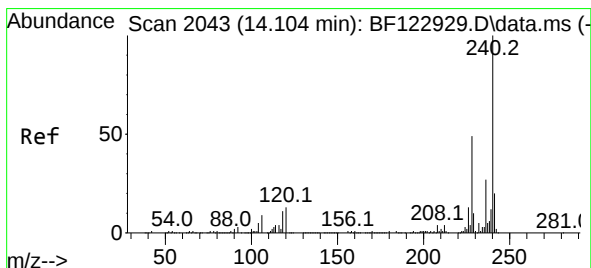
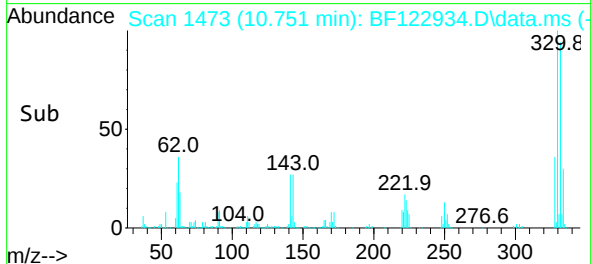
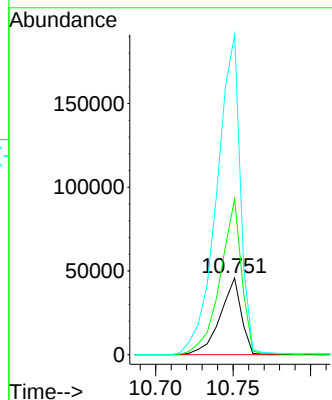
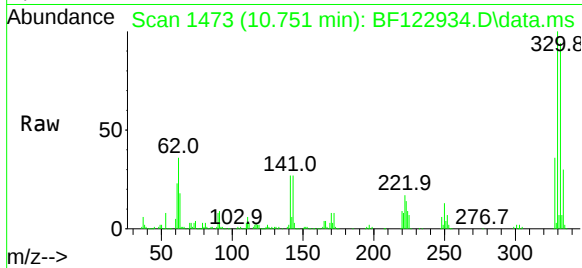




#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

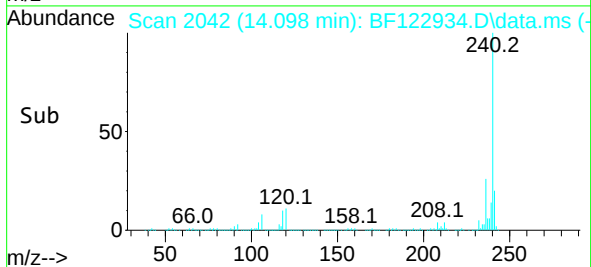
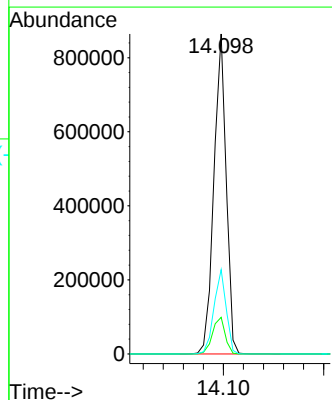
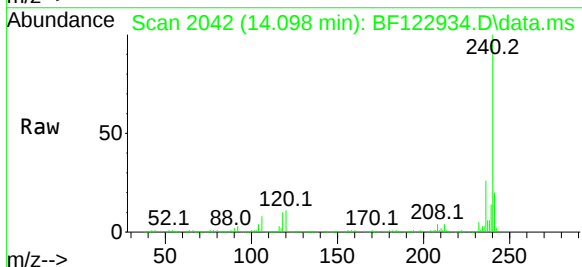
Instrument :
BNA_F
ClientSampleId :
PB133961BL

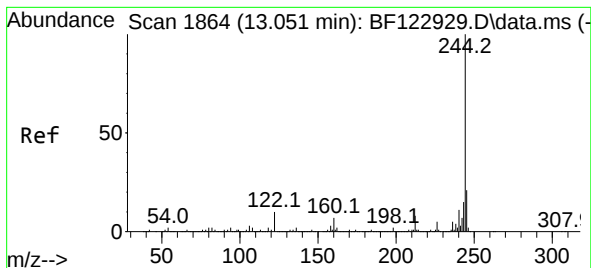
Tgt Ion:248 Resp: 43546
Ion Ratio Lower Upper
248 100
250 203.2 76.8 115.2#
141 417.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122934.D
Acq: 7 Jan 2021 19:49

Tgt Ion:240 Resp: 736975
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 69.71 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.000 min

Lab File: BF122934.D

Acq: 7 Jan 2021 19:49

Instrument :

BNA_F

ClientSampleId :

PB133961BL

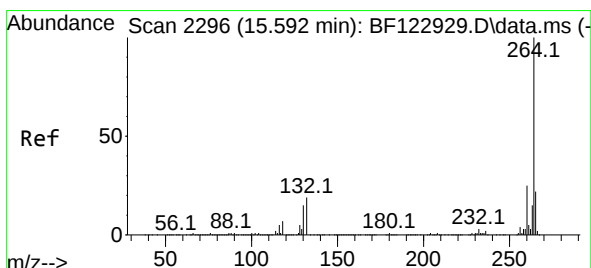
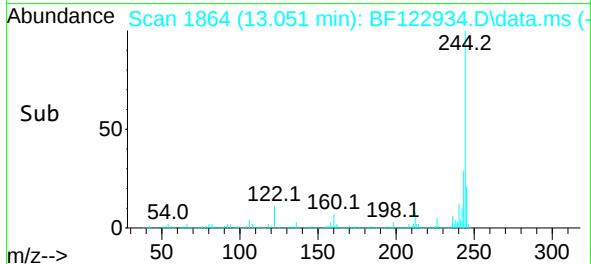
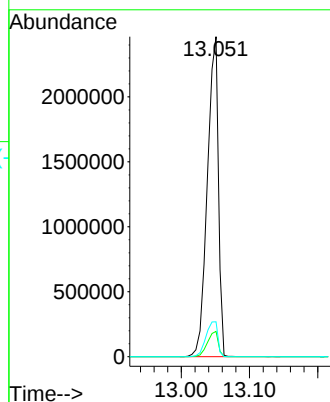
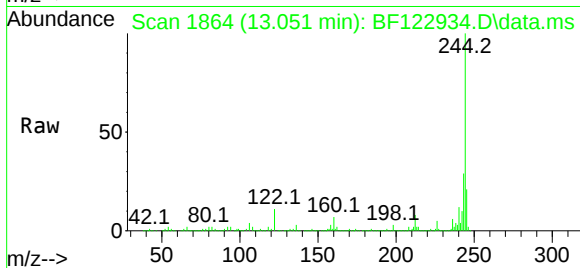
Tgt Ion:244 Resp: 2772918

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 10.9 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.592 min Scan# 2296

Delta R.T. -0.000 min

Lab File: BF122934.D

Acq: 7 Jan 2021 19:49

Tgt Ion:264 Resp: 633003

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.4 17.0 25.6

