

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134069.D
 Acq On : 01 Jul 2023 00:56
 Operator : CG\JU
 Sample : 03428-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-2

Quant Time: Jul 01 04:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

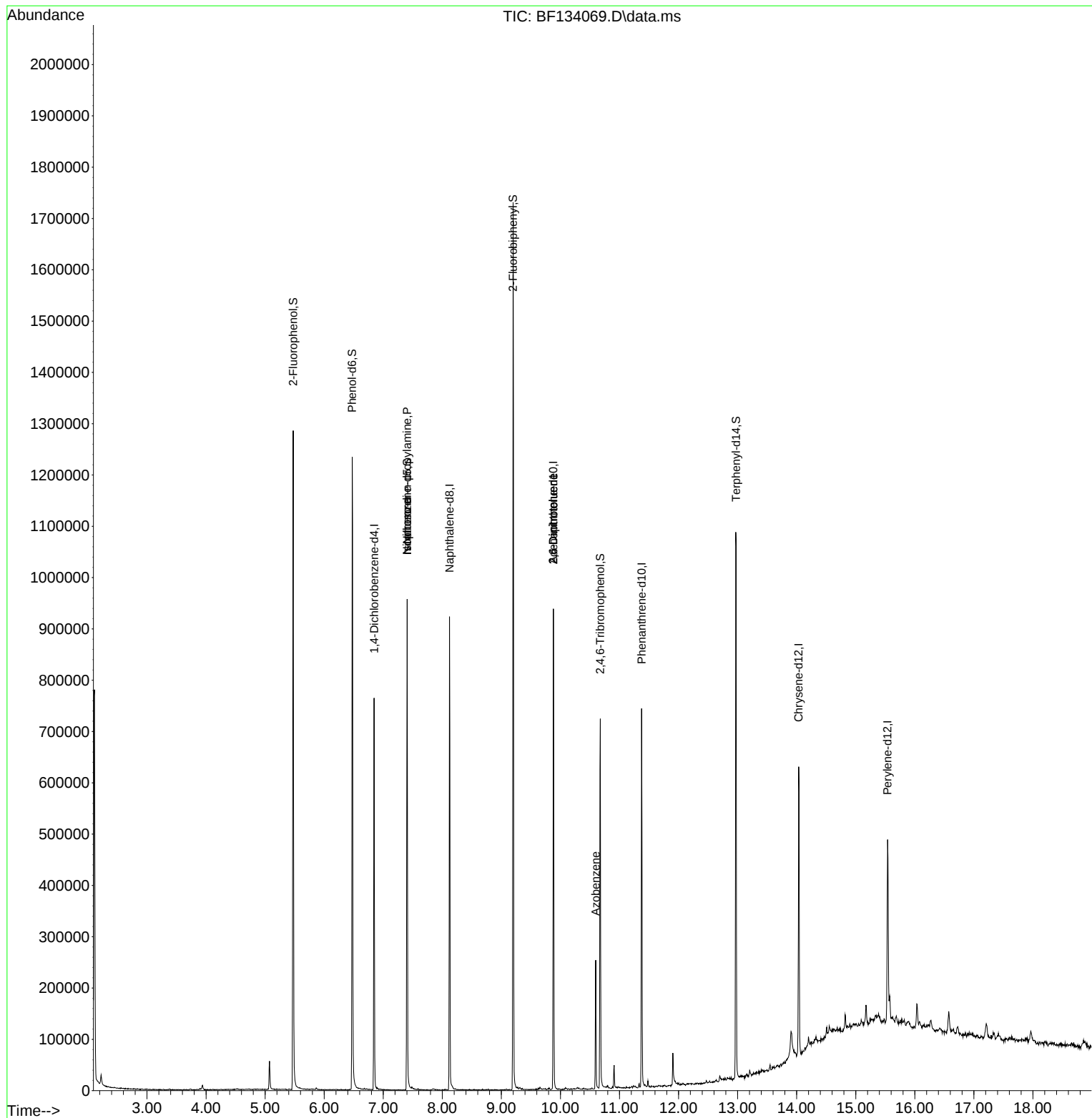
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103597	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	377216	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	171025	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	269369	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	203285	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	182265	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	315596	50.959	ng	-0.01
7) Phenol-d6	6.475	99	375451	49.295	ng	-0.02
23) Nitrobenzene-d5	7.404	82	257788	36.839	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	86126	40.165	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	495538	42.126	ng	-0.01
79) Terphenyl-d14	12.974	244	387923	30.712	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	659	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	34653	7.174 ng	#	78
25) Isophorone	7.404	82	257786	20.270 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	21766	8.140 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	21766	6.164 ng	#	22
63) Azobenzene	10.598	77	41353	3.380 ng	#	1

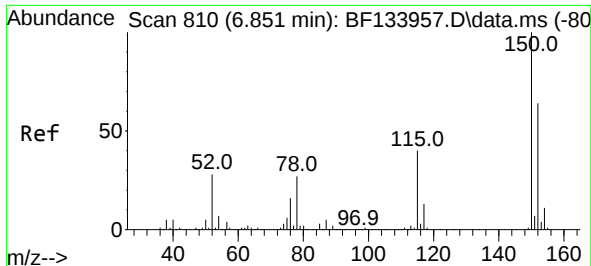
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134069.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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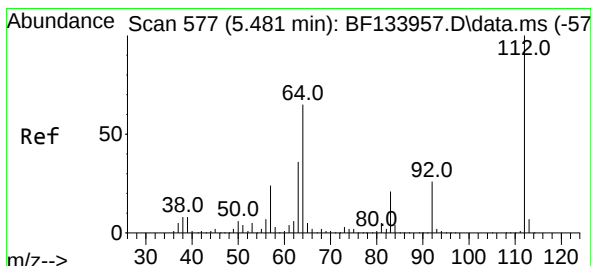
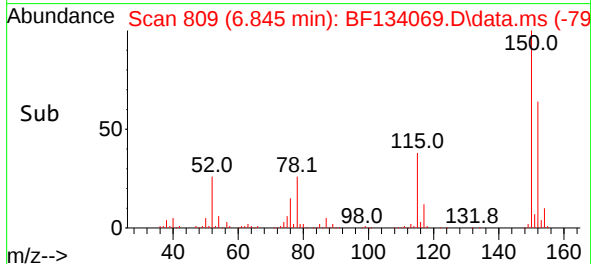
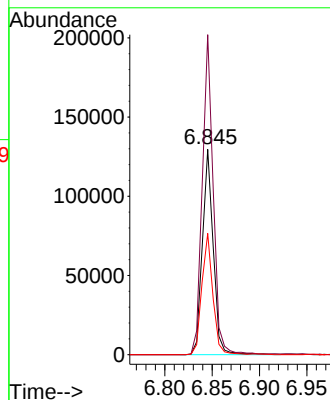
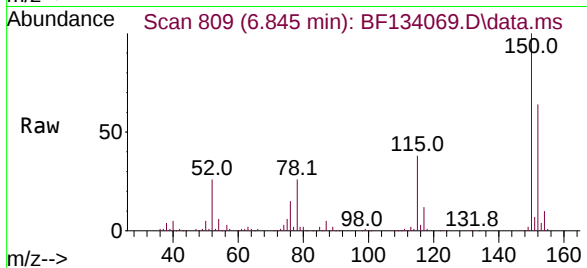




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

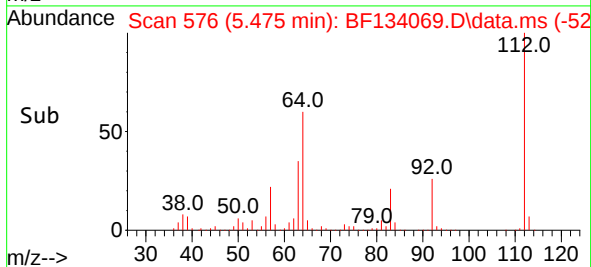
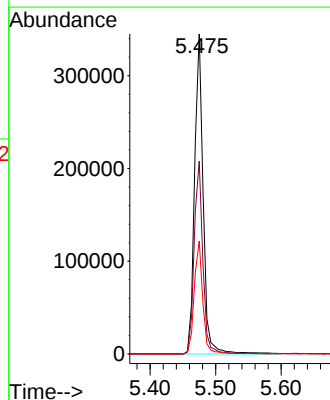
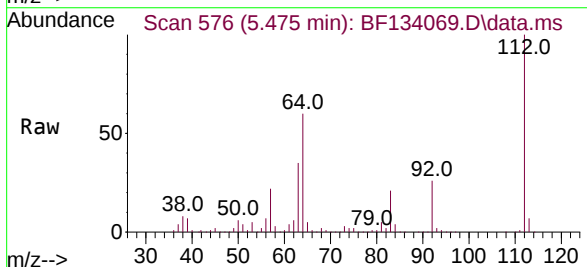
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

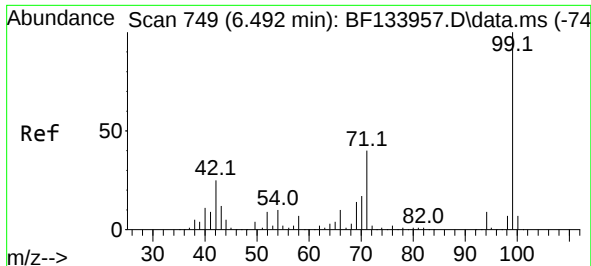
Tgt Ion:152 Resp: 103597
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 59.1 50.2 75.2



#5
2-Fluorophenol
Concen: 50.959 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion:112 Resp: 315596
Ion Ratio Lower Upper
112 100
64 60.2 52.1 78.1
63 35.2 28.6 42.8

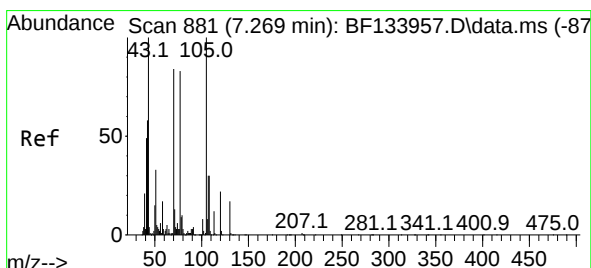
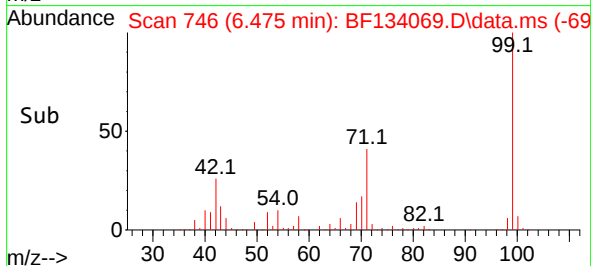
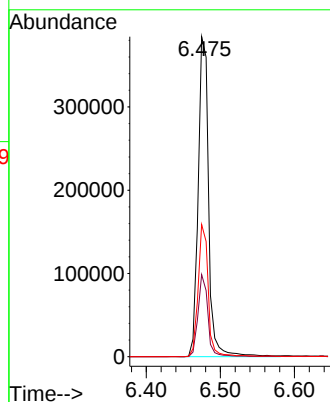
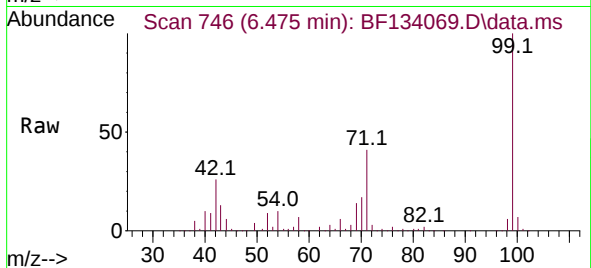




#7
Phenol-d6
Concen: 49.295 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

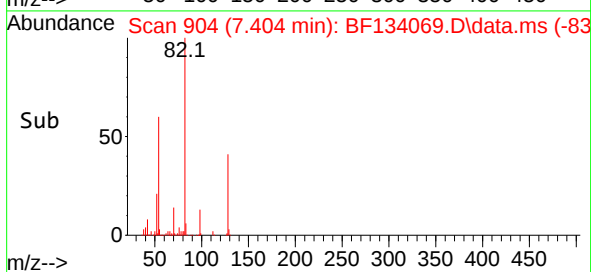
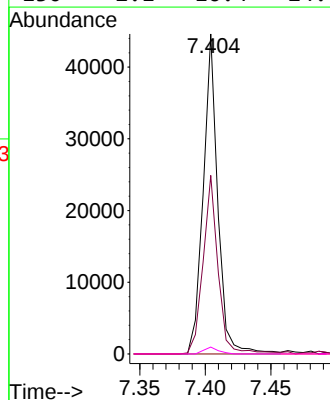
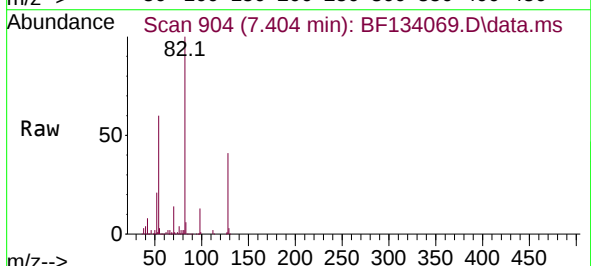
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

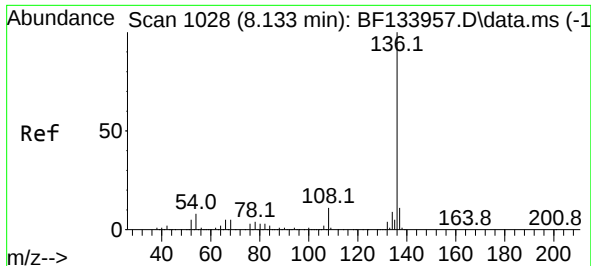
Tgt Ion: 99 Resp: 375451
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.6
71 41.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.174 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion: 70 Resp: 34653
Ion Ratio Lower Upper
70 100
42 55.8 54.7 82.1
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



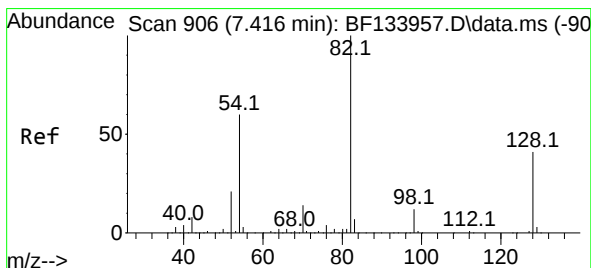
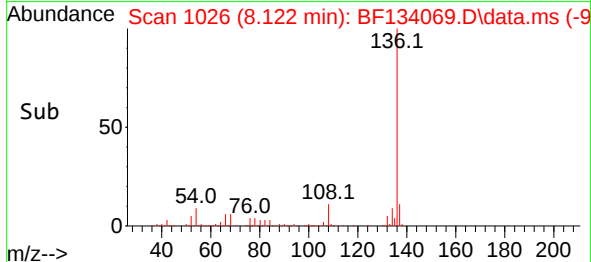
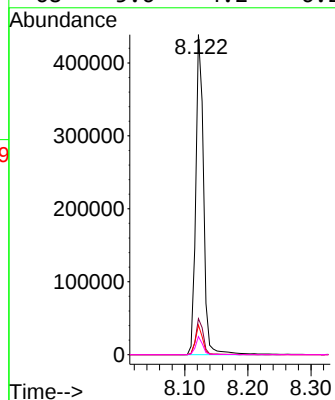
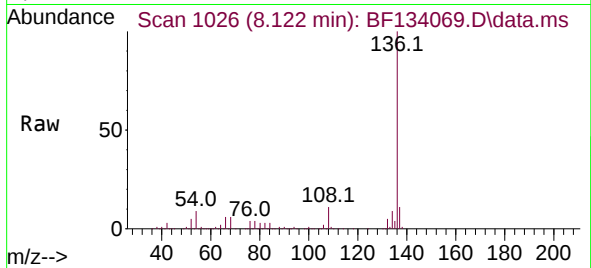


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

Tgt Ion:136 Resp: 377216

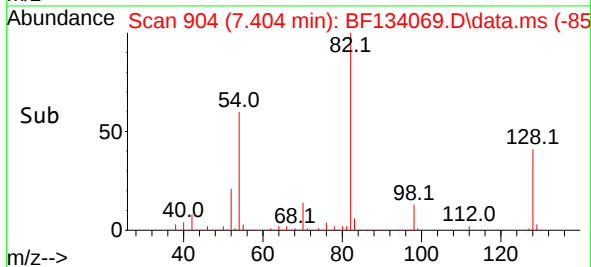
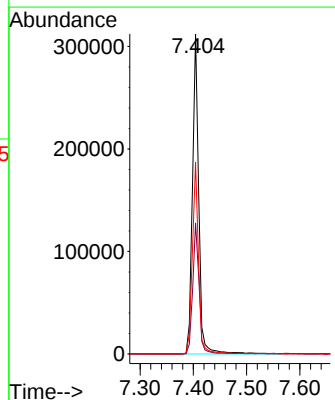
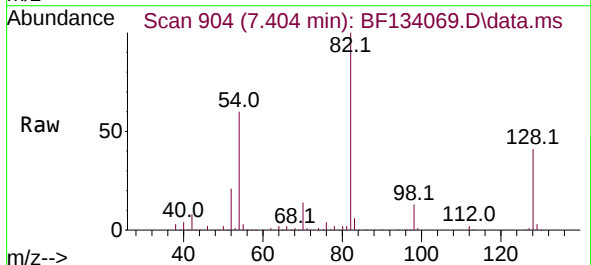
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.2	6.5	9.7
68	5.6	4.2	6.2

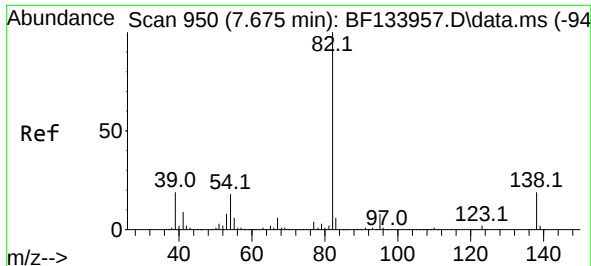


#23
Nitrobenzene-d5
Concen: 36.839 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion: 82 Resp: 257788

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.5	48.7
54	59.9	48.2	72.2

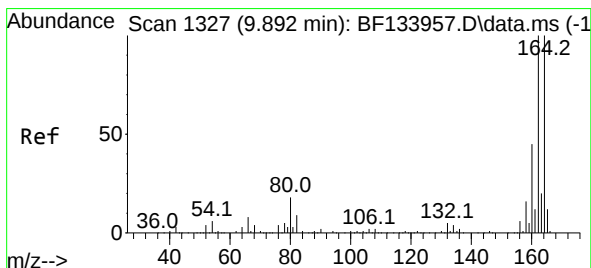
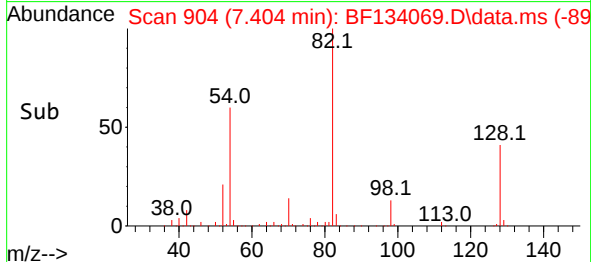
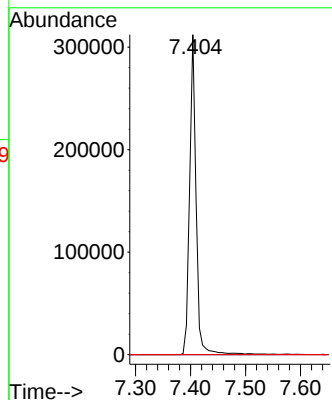
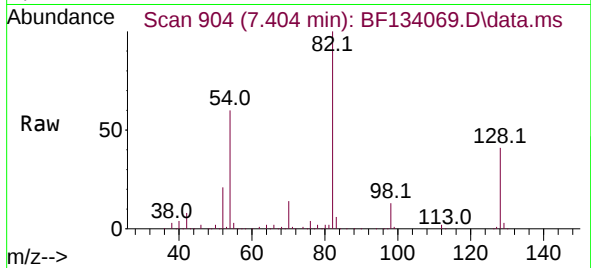




#25
Isophorone
Concen: 20.270 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

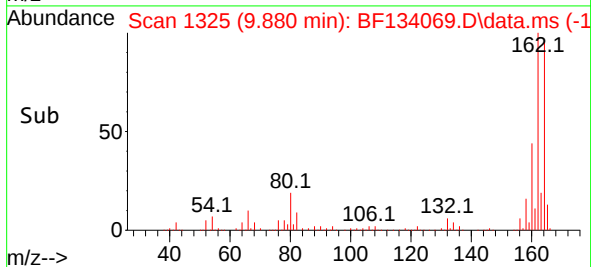
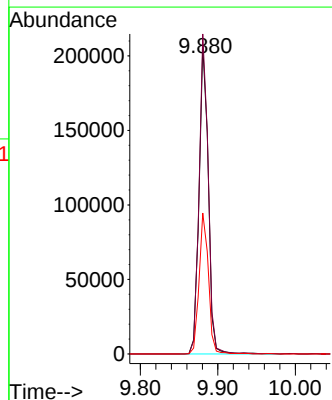
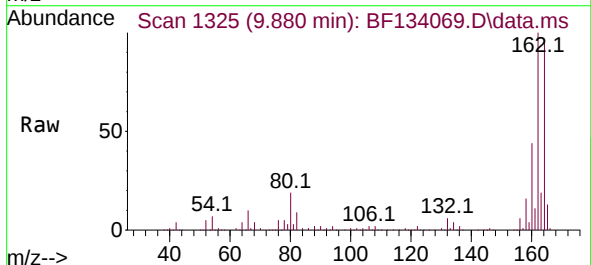
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

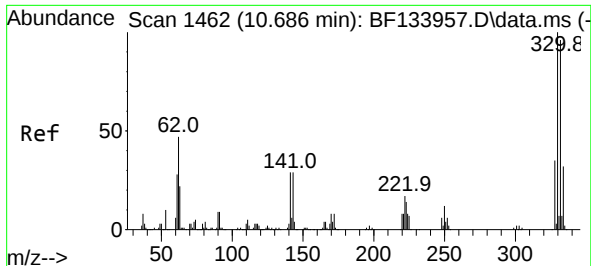
Tgt Ion: 82 Resp: 257786
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

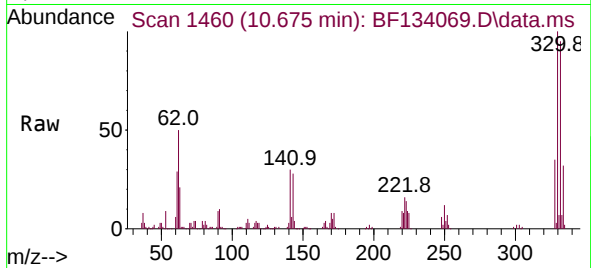
Tgt Ion:164 Resp: 171025
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 45.8 35.9 53.9



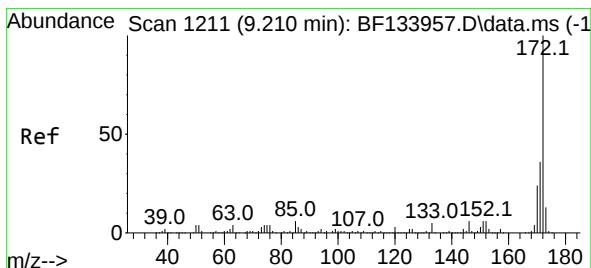
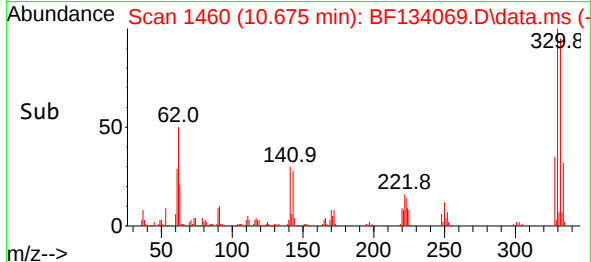
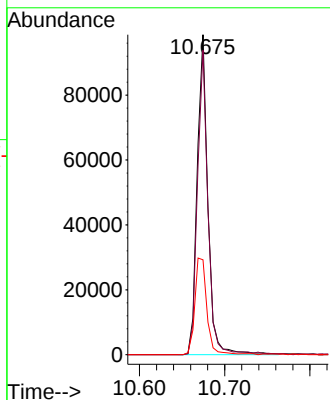


#42
 2,4,6-Tribromophenol
 Concen: 40.165 ng
 RT: 10.675 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF134069.D
 Acq: 01 Jul 2023 00:56

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-2

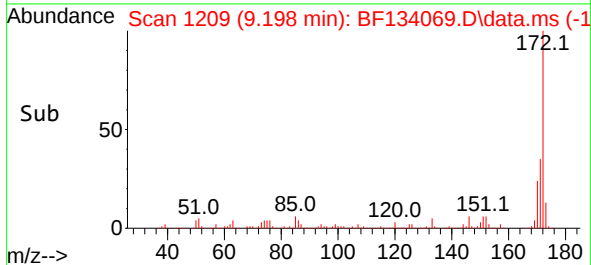
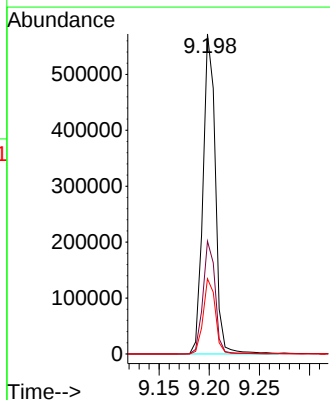
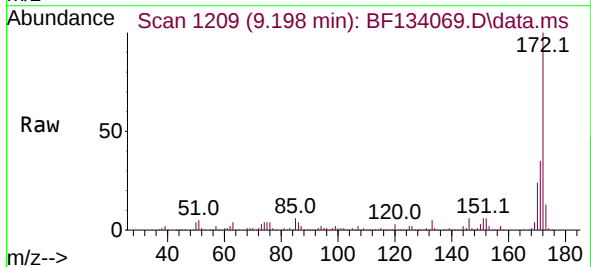


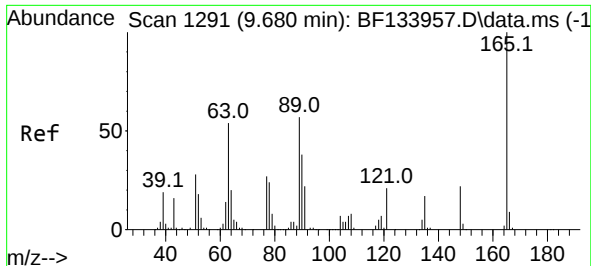
Tgt Ion: 330 Resp: 86126
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 33.7 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 42.126 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.012 min
 Lab File: BF134069.D
 Acq: 01 Jul 2023 00:56

Tgt Ion: 172 Resp: 495538
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.5 19.4 29.0

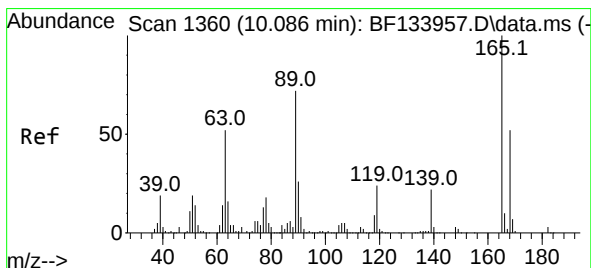
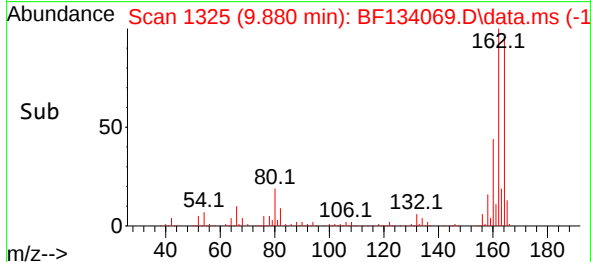
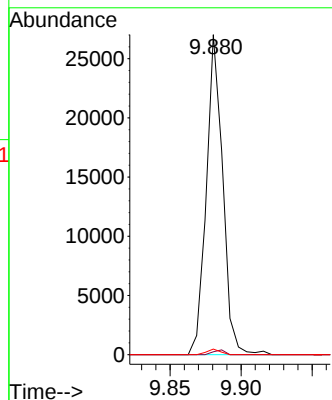
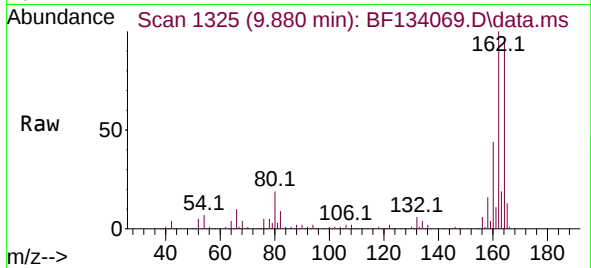




#51
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

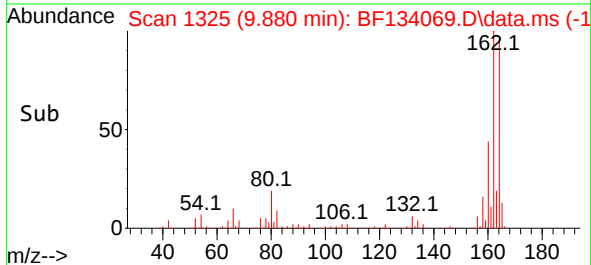
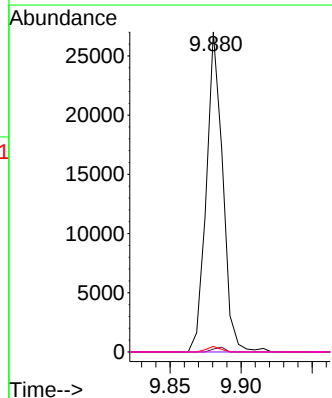
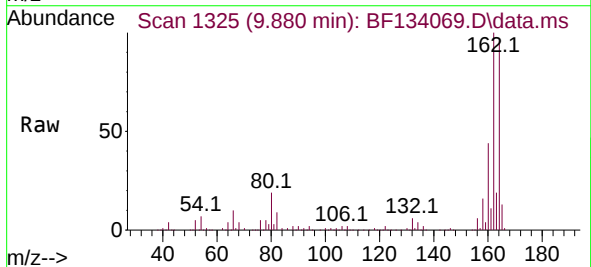
Instrument :
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ClientSampleId :
PNNL-APM-0621-2

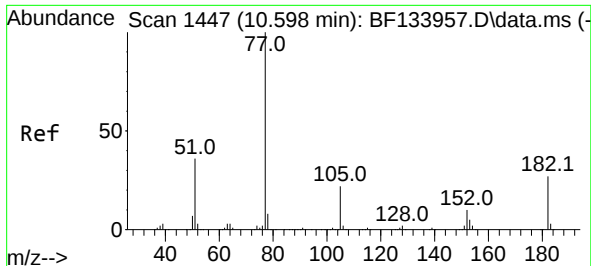
Tgt Ion:165 Resp: 21766
Ion Ratio Lower Upper
165 100
63 0.9 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion:165 Resp: 21766
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#

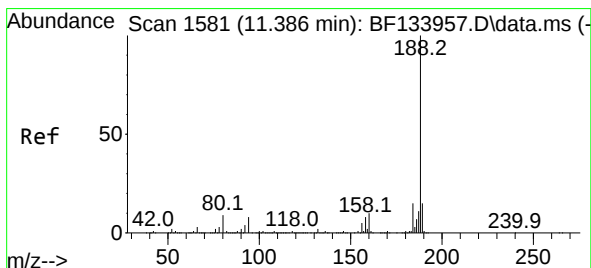
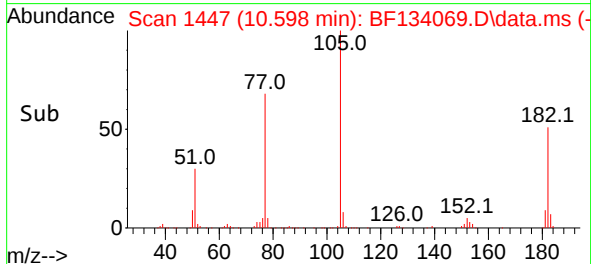
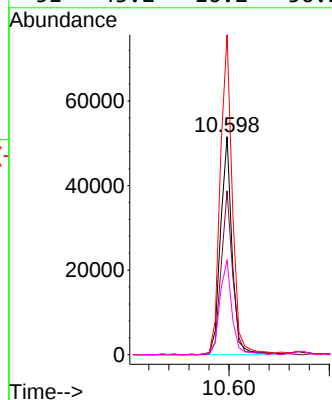
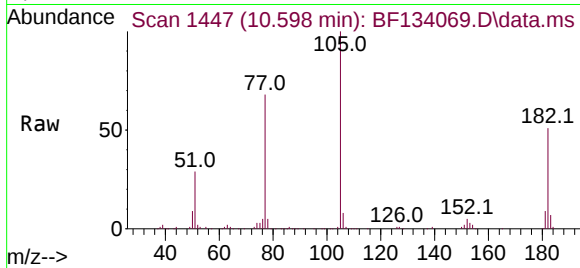




#63
Azobenzene
Concen: 3.380 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

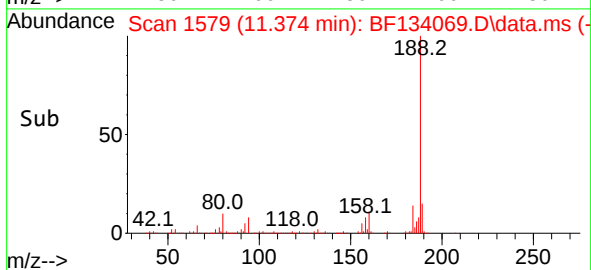
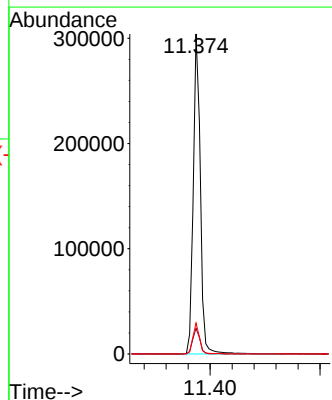
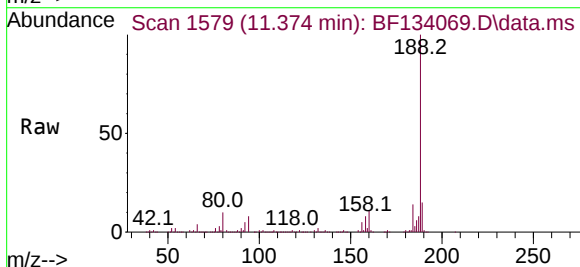
Instrument :
BNA_F
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PNNL-APM-0621-2

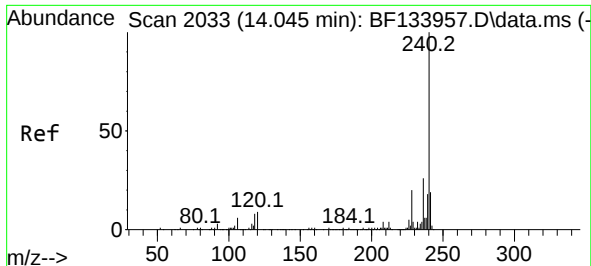
Tgt Ion: 77 Resp: 41353
Ion Ratio Lower Upper
77 100
182 75.1 6.8 46.8#
105 146.8 2.3 42.3#
51 43.2 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion:188 Resp: 269369
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.7 7.3 10.9

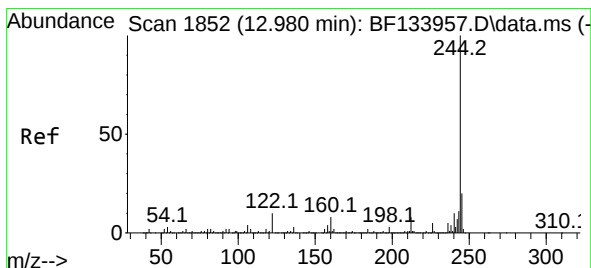
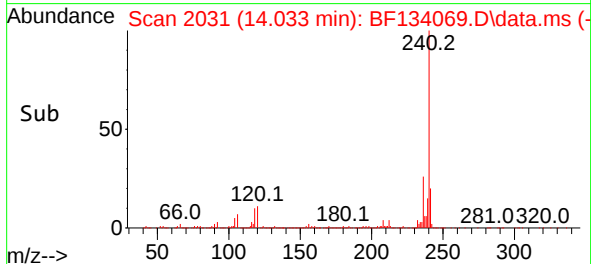
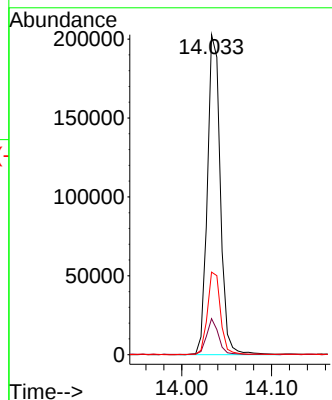
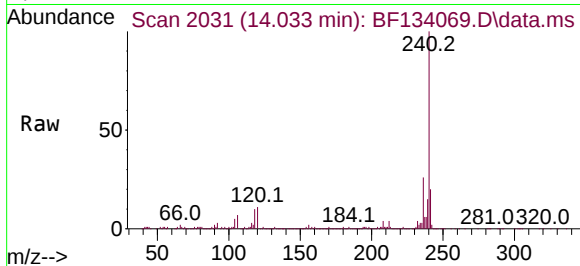




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

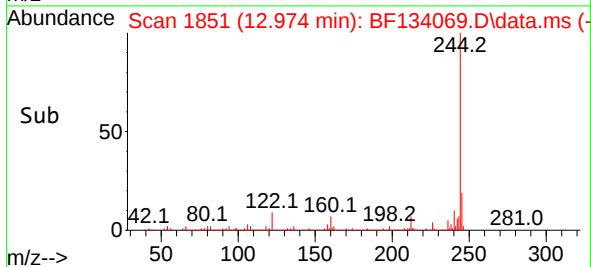
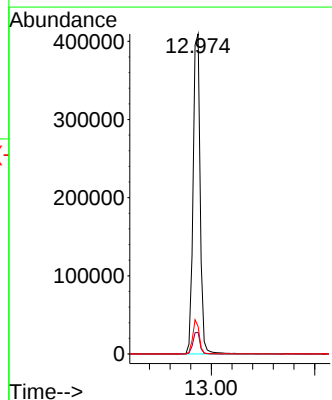
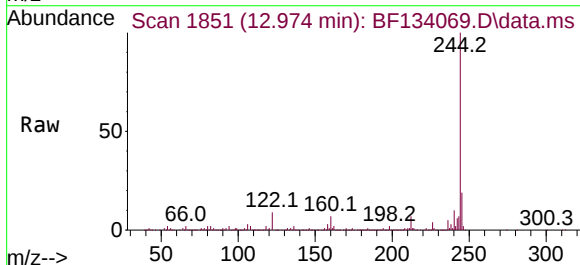
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

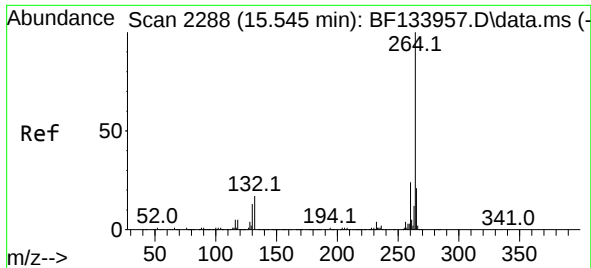
Tgt Ion:240 Resp: 203285
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 25.8 21.0 31.6



#79
Terphenyl-d14
Concen: 30.712 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Tgt Ion:244 Resp: 387923
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

Tgt Ion:264 Resp: 182265

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.1	16.6	25.0

