

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134070.D
 Acq On : 01 Jul 2023 01:28
 Operator : CG\JU
 Sample : 03428-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-1

Quant Time: Jul 01 04:36:32 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)

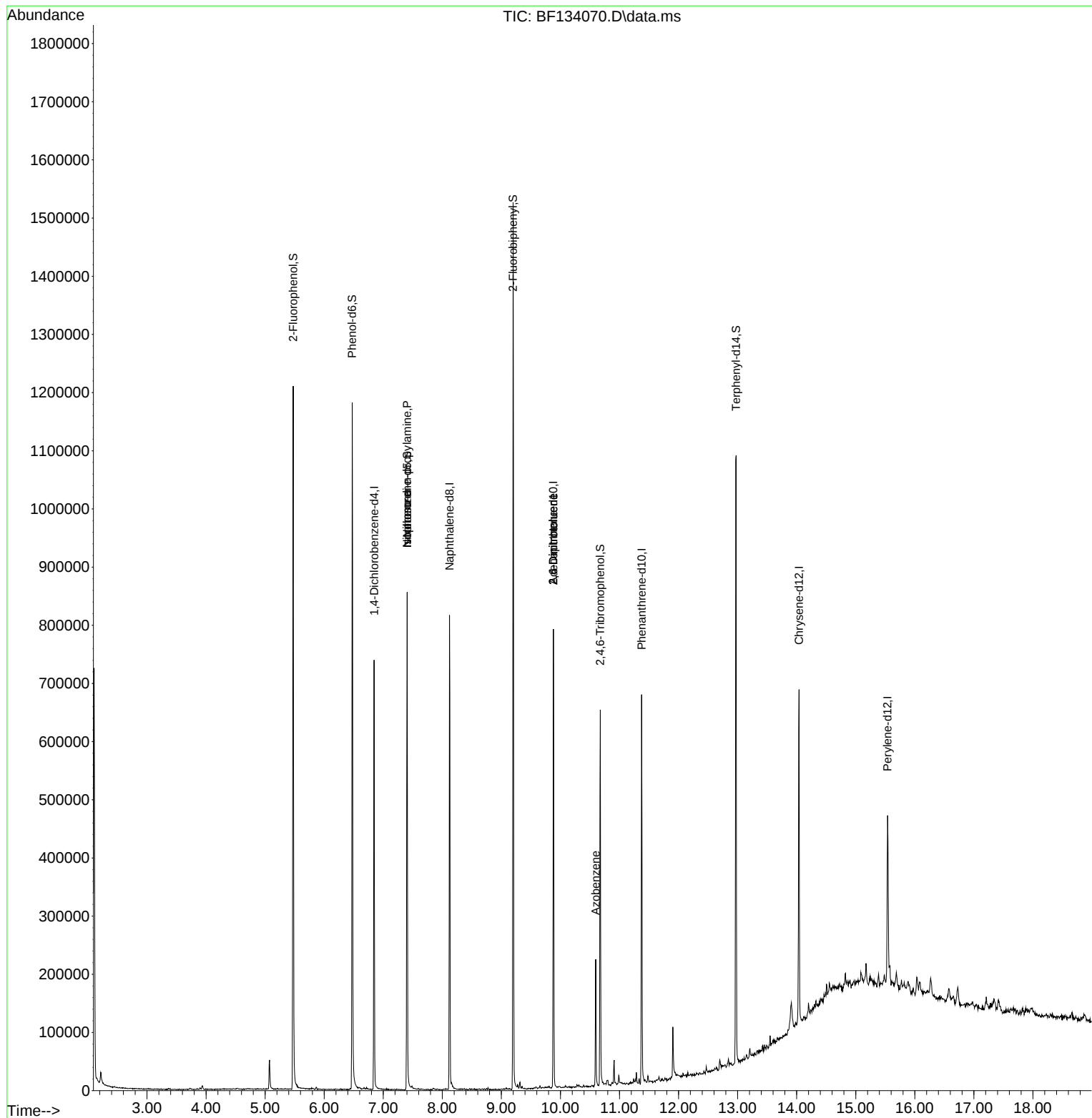
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98302	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	352632	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	147401	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	240455	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	200785	20.000	ng	-0.01
86) Perylene-d12	15.539	264	147613	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	297022	50.543	ng	-0.01
7) Phenol-d6	6.475	99	345932	47.866	ng	-0.02
23) Nitrobenzene-d5	7.404	82	232199	35.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	75317	40.753	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	430624	42.475	ng	-0.01
79) Terphenyl-d14	12.974	244	377186	30.234	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	680	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	32612	7.116 ng	#	77
25) Isophorone	7.404	82	232197	19.530 ng	#	64
51) 2,6-Dinitrotoluene	9.880	165	18636	8.087 ng	#	23
57) 2,4-Dinitrotoluene	9.880	165	18636	6.123 ng	#	22
63) Azobenzene	10.598	77	35737	3.389 ng	#	1

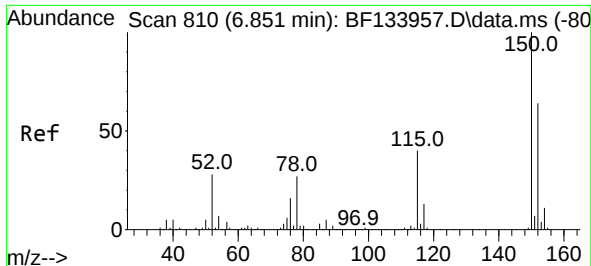
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134070.D
Acq On : 01 Jul 2023 01:28
Operator : CG\JU
Sample : 03428-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

Quant Time: Jul 01 04:36:32 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

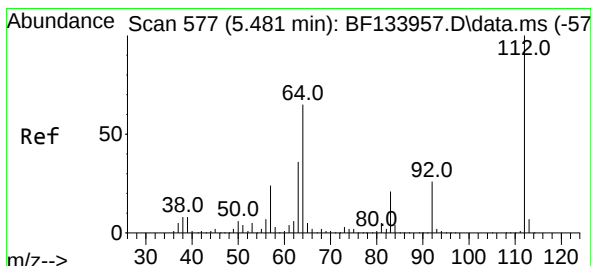
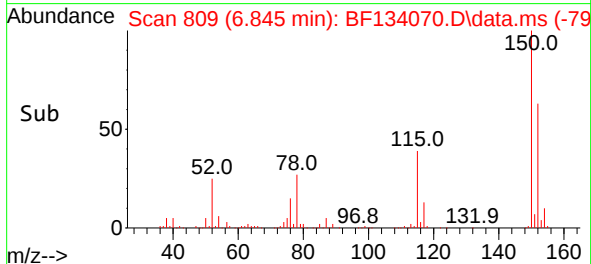
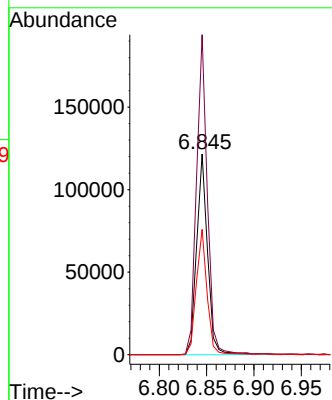
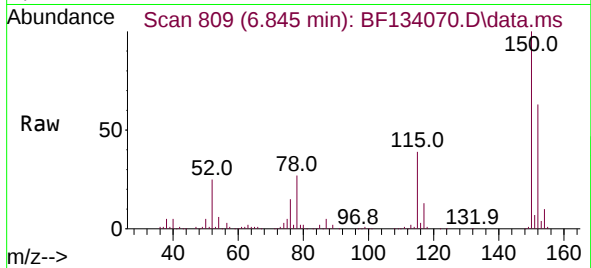




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

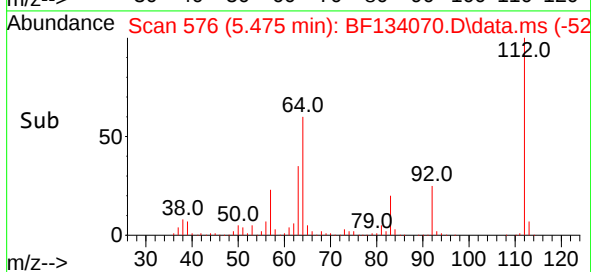
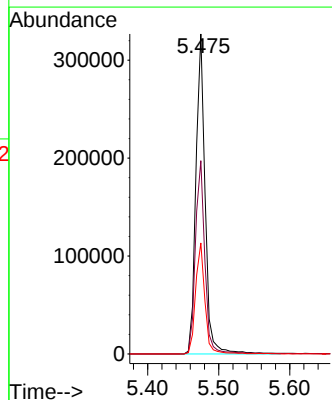
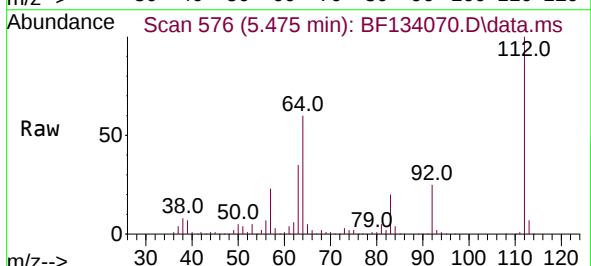
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

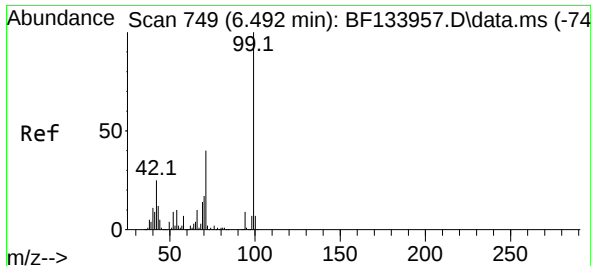
Tgt Ion:152 Resp: 98302
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 62.5 50.2 75.2



#5
2-Fluorophenol
Concen: 50.543 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

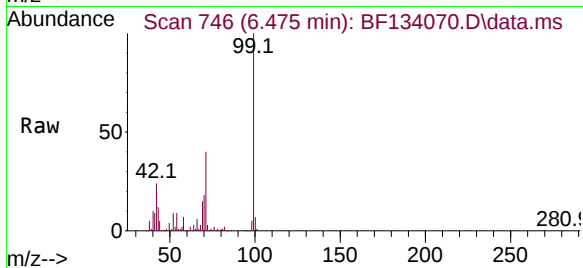
Tgt Ion:112 Resp: 297022
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.7 28.6 42.8





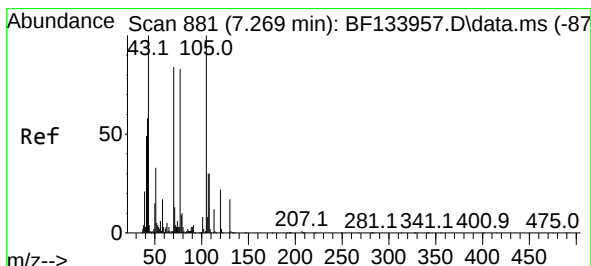
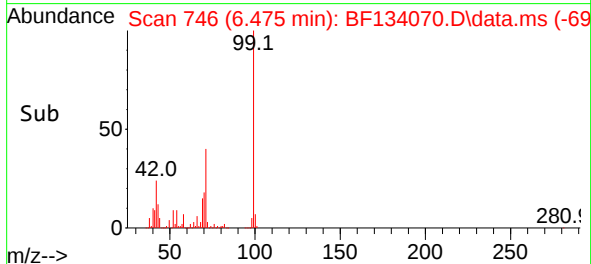
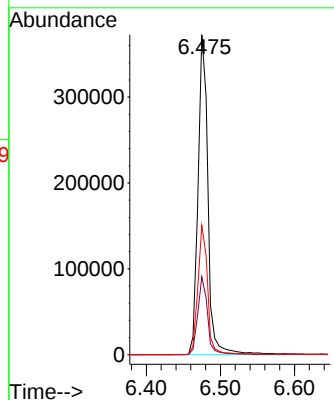
#7
Phenol-d6
Concen: 47.866 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1



Tgt Ion: 99 Resp: 345932

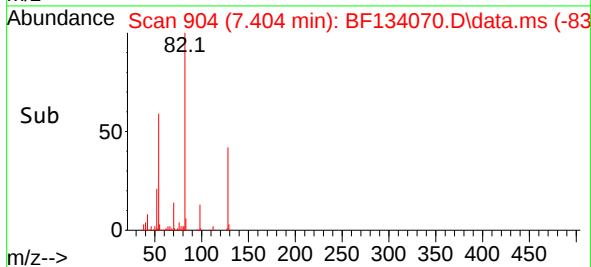
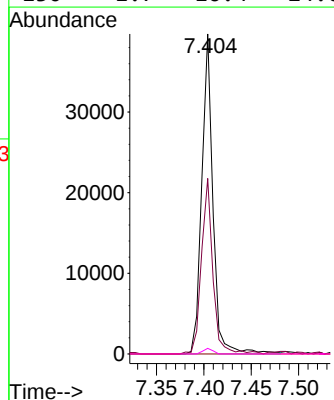
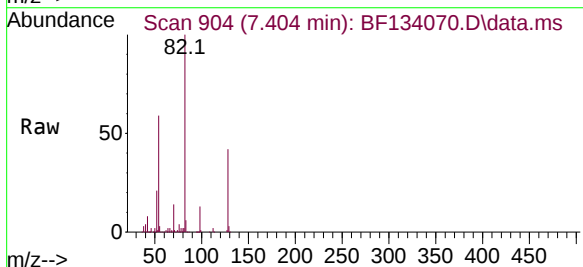
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	40.4	31.9	47.9

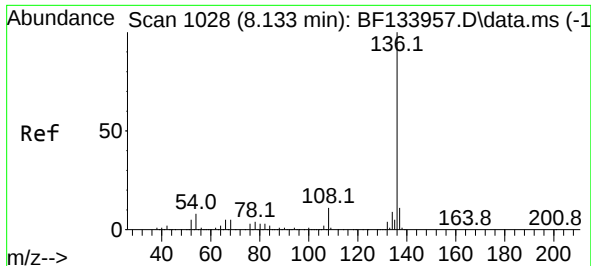


#19
n-Nitroso-di-n-propylamine
Concen: 7.116 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion: 70 Resp: 32612

Ion	Ratio	Lower	Upper
70	100		
42	54.8	54.7	82.1
101	0.0	7.7	11.5#
130	1.7	16.4	24.6#



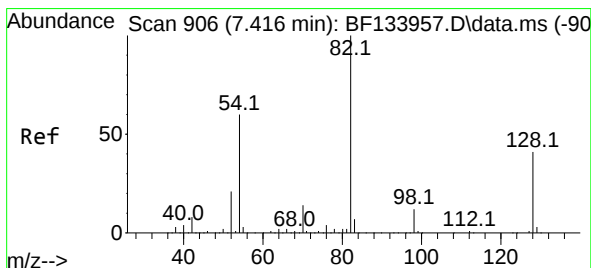
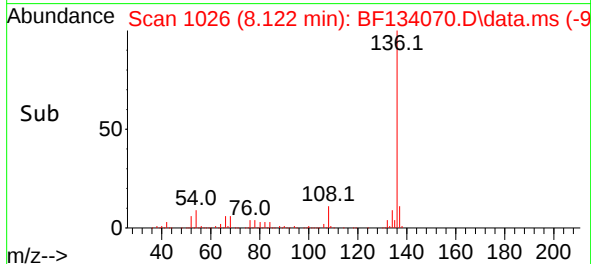
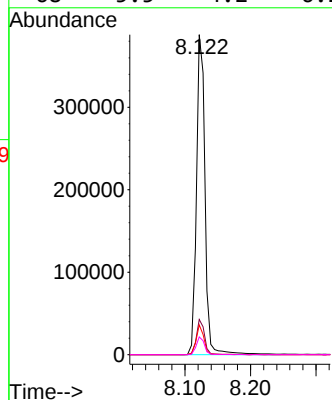
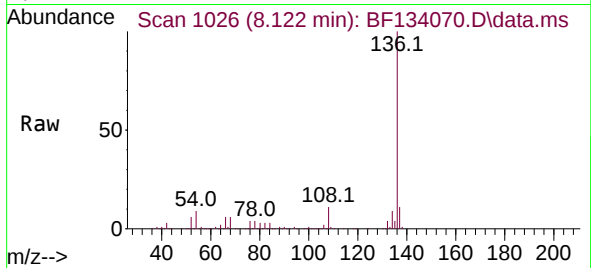


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

Tgt Ion:136 Resp: 352632

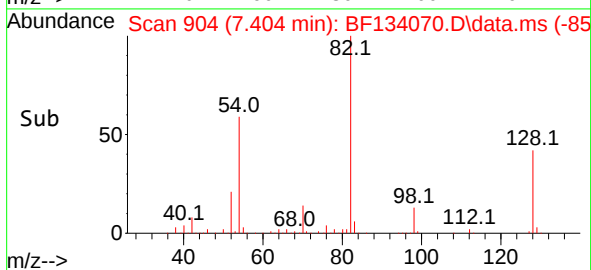
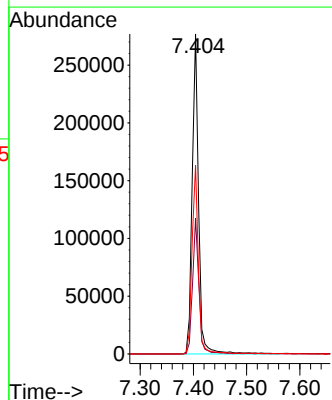
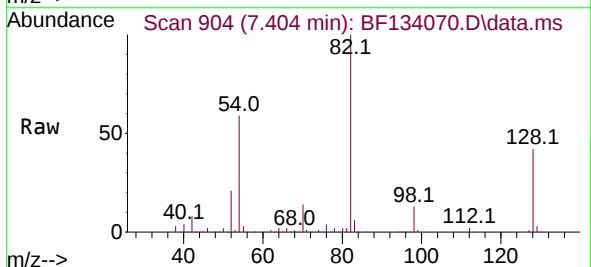
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.3	6.5	9.7
68	5.5	4.2	6.2

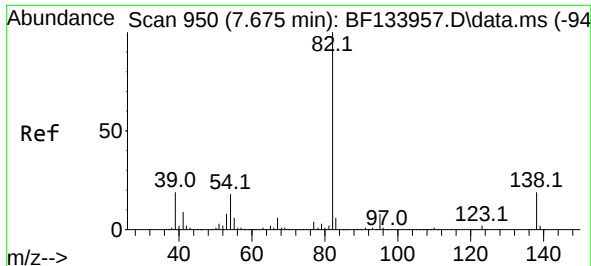


#23
Nitrobenzene-d5
Concen: 35.495 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion: 82 Resp: 232199

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.5	48.7
54	59.0	48.2	72.2

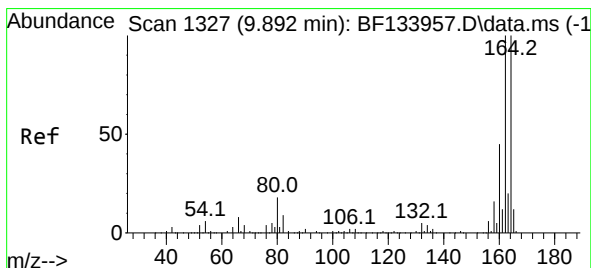
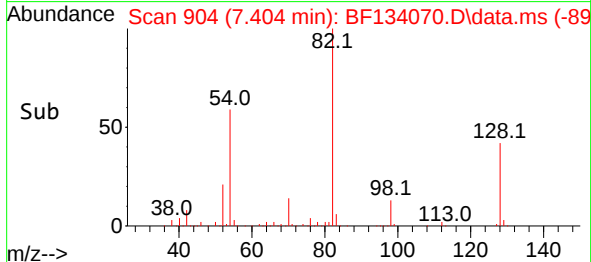
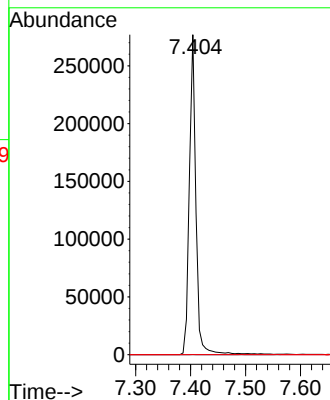
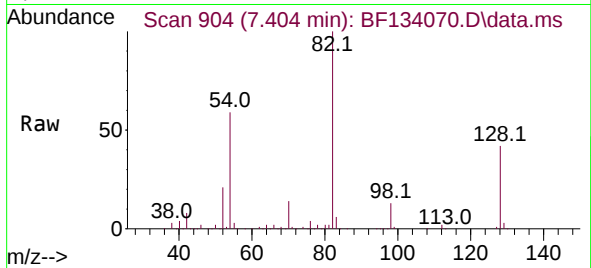




#25
Isophorone
Concen: 19.530 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

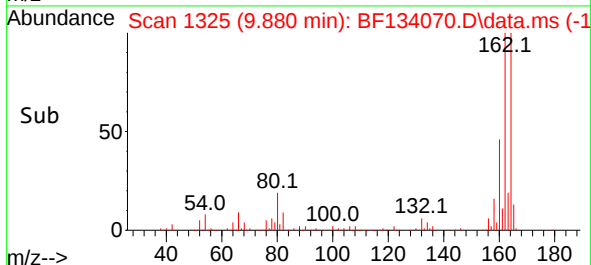
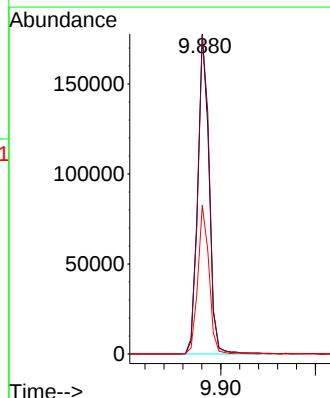
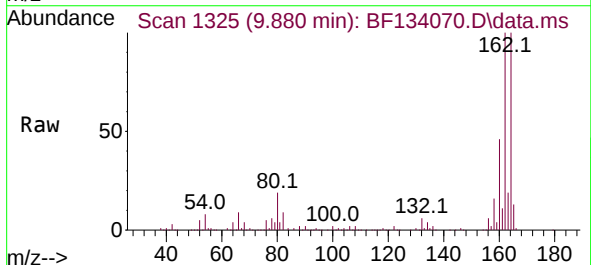
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

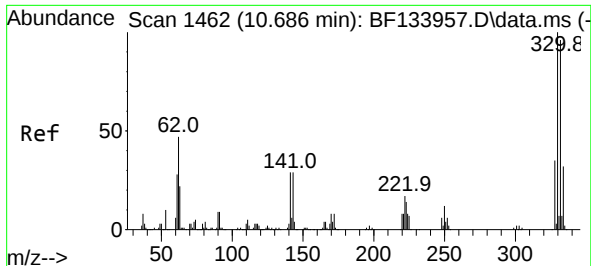
Tgt Ion: 82 Resp: 232197
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

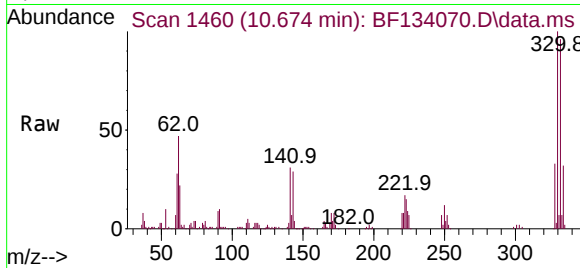
Tgt Ion:164 Resp: 147401
Ion Ratio Lower Upper
164 100
162 99.6 80.0 120.0
160 46.5 35.9 53.9



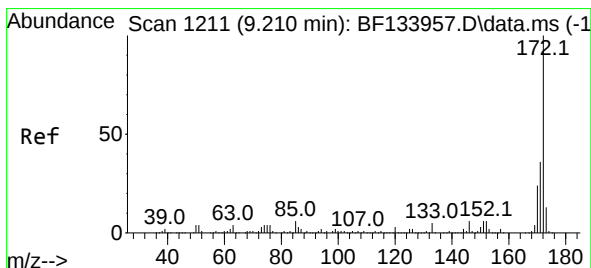
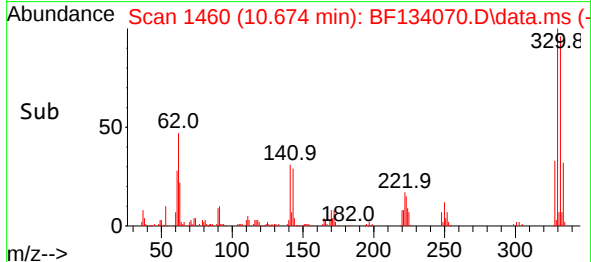
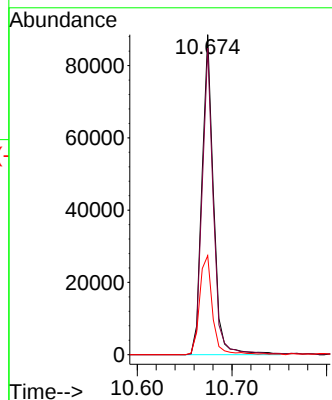


#42
2,4,6-Tribromophenol
Concen: 40.753 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

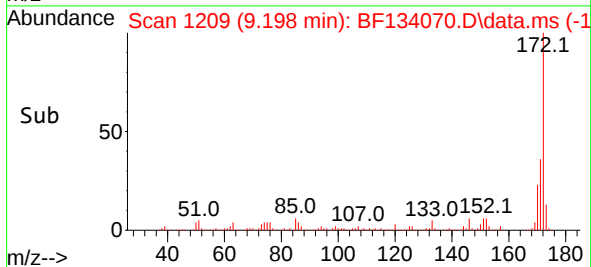
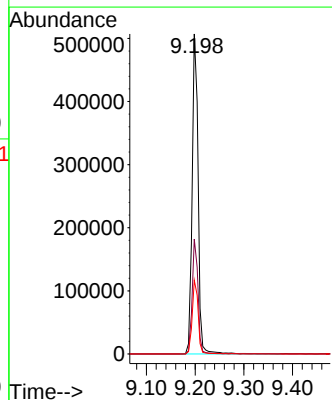
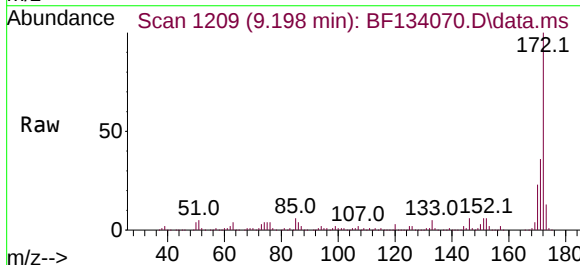


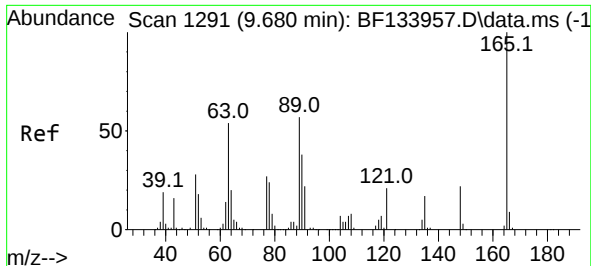
Tgt Ion: 330 Resp: 75317
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.6
141 34.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 42.475 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion: 172 Resp: 430624
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.1 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.087 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134070.D

Acq: 01 Jul 2023 01:28

Instrument :

BNA_F

ClientSampleId :

PNNL-APM-0621-1

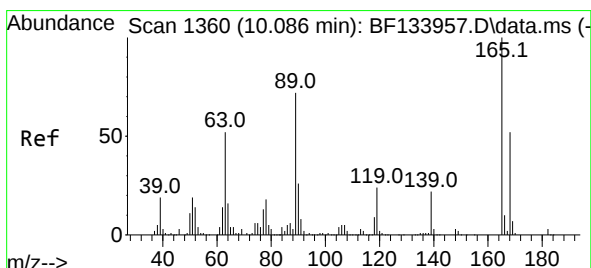
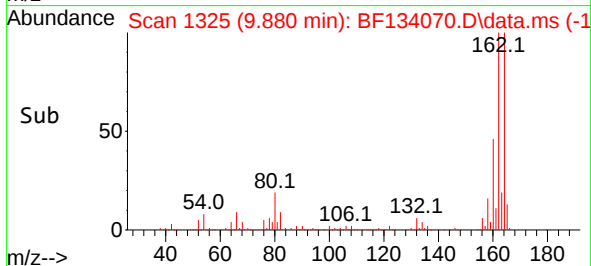
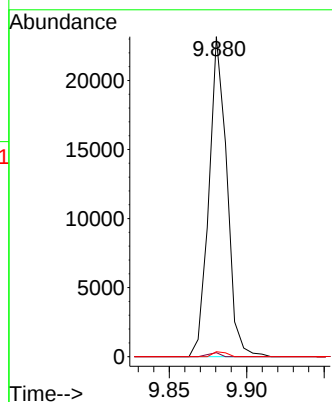
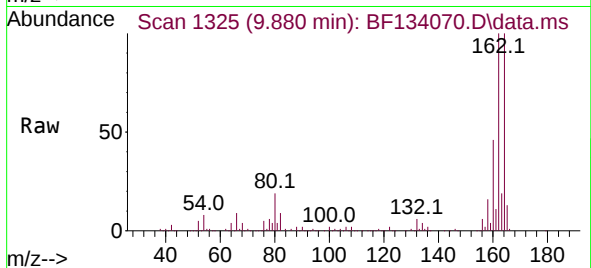
Tgt Ion:165 Resp: 18636

Ion Ratio Lower Upper

165 100

63 1.2 48.5 72.7#

89 1.6 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.123 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134070.D

Acq: 01 Jul 2023 01:28

Tgt Ion:165 Resp: 18636

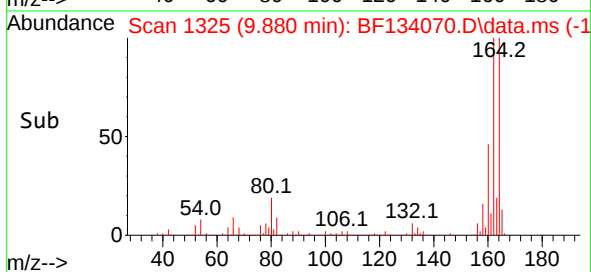
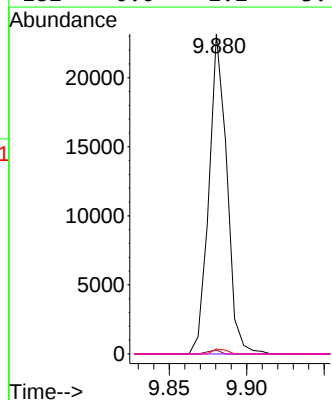
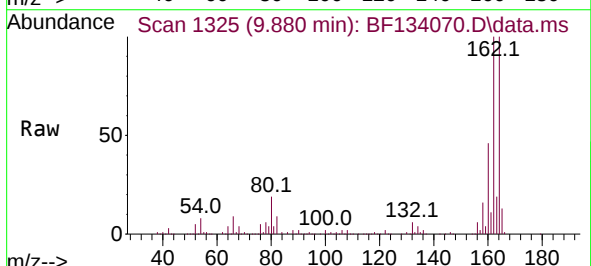
Ion Ratio Lower Upper

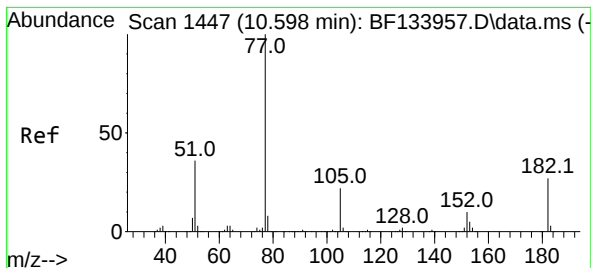
165 100

63 1.2 42.2 63.2#

89 1.6 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.389 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134070.D

Acq: 01 Jul 2023 01:28

Instrument :

BNA_F

ClientSampleId :

PNNL-APM-0621-1

Tgt Ion: 77 Resp: 35737

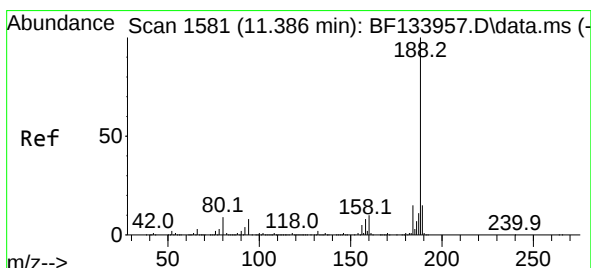
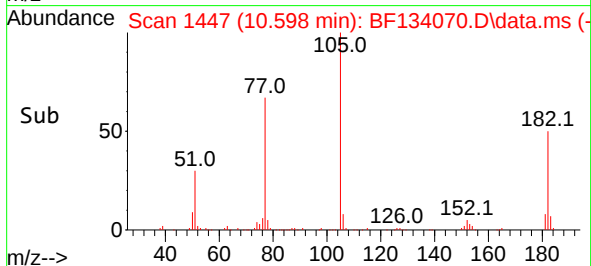
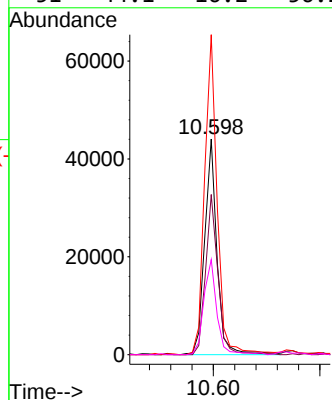
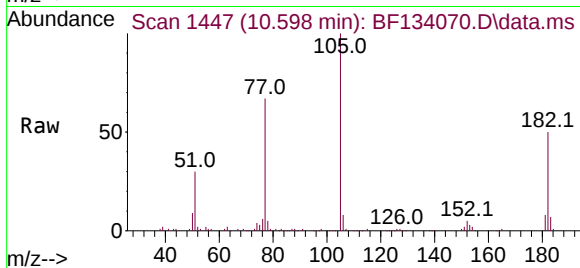
Ion Ratio Lower Upper

77 100

182 74.3 6.8 46.8#

105 148.3 2.3 42.3#

51 44.1 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: BF134070.D

Acq: 01 Jul 2023 01:28

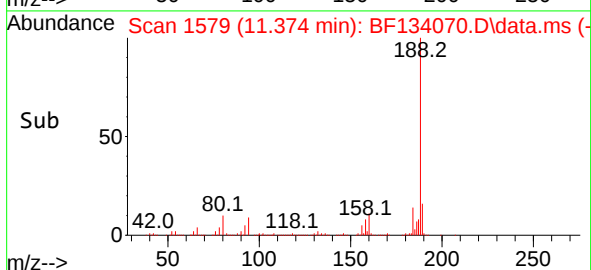
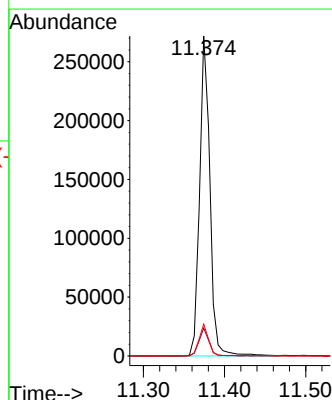
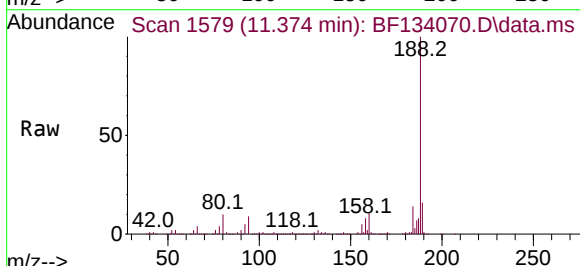
Tgt Ion:188 Resp: 240455

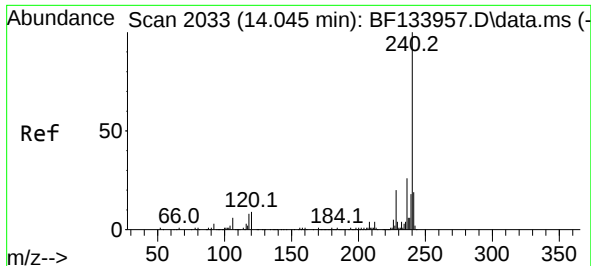
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 10.0 7.3 10.9

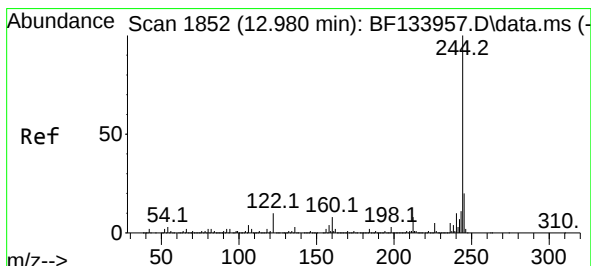
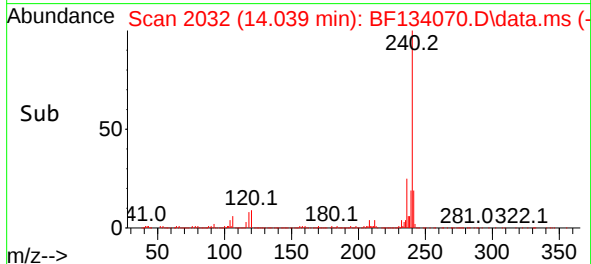
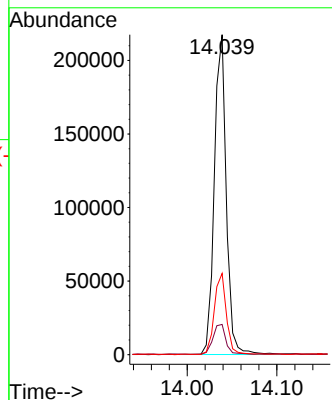
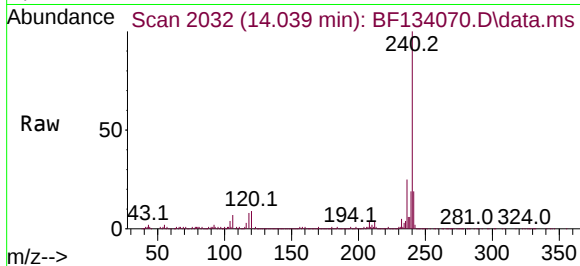




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

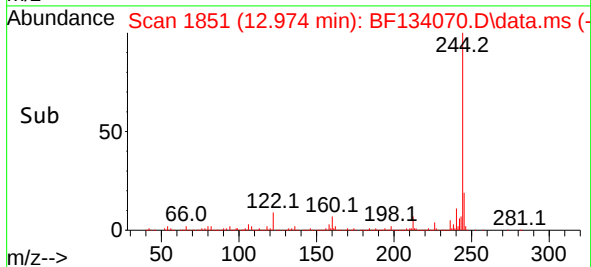
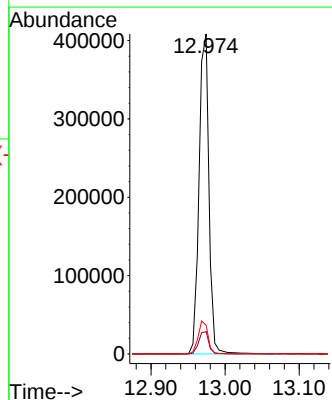
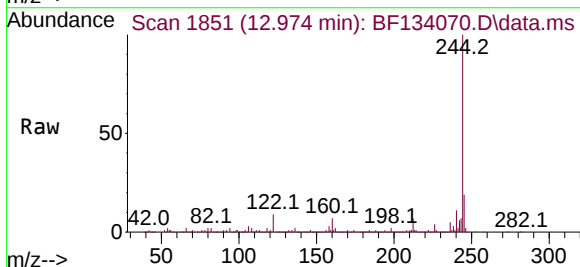
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

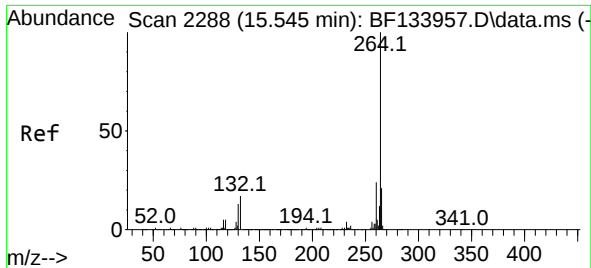
Tgt Ion:240 Resp: 200785
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.4 21.0 31.6



#79
Terphenyl-d14
Concen: 30.234 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134070.D
Acq: 01 Jul 2023 01:28

Tgt Ion:244 Resp: 377186
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.0 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: BF134070.D
Acq: 01 Jul 2023 01:28

Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-1

Tgt Ion:264 Resp: 147613

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.7	16.6	25.0

