

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

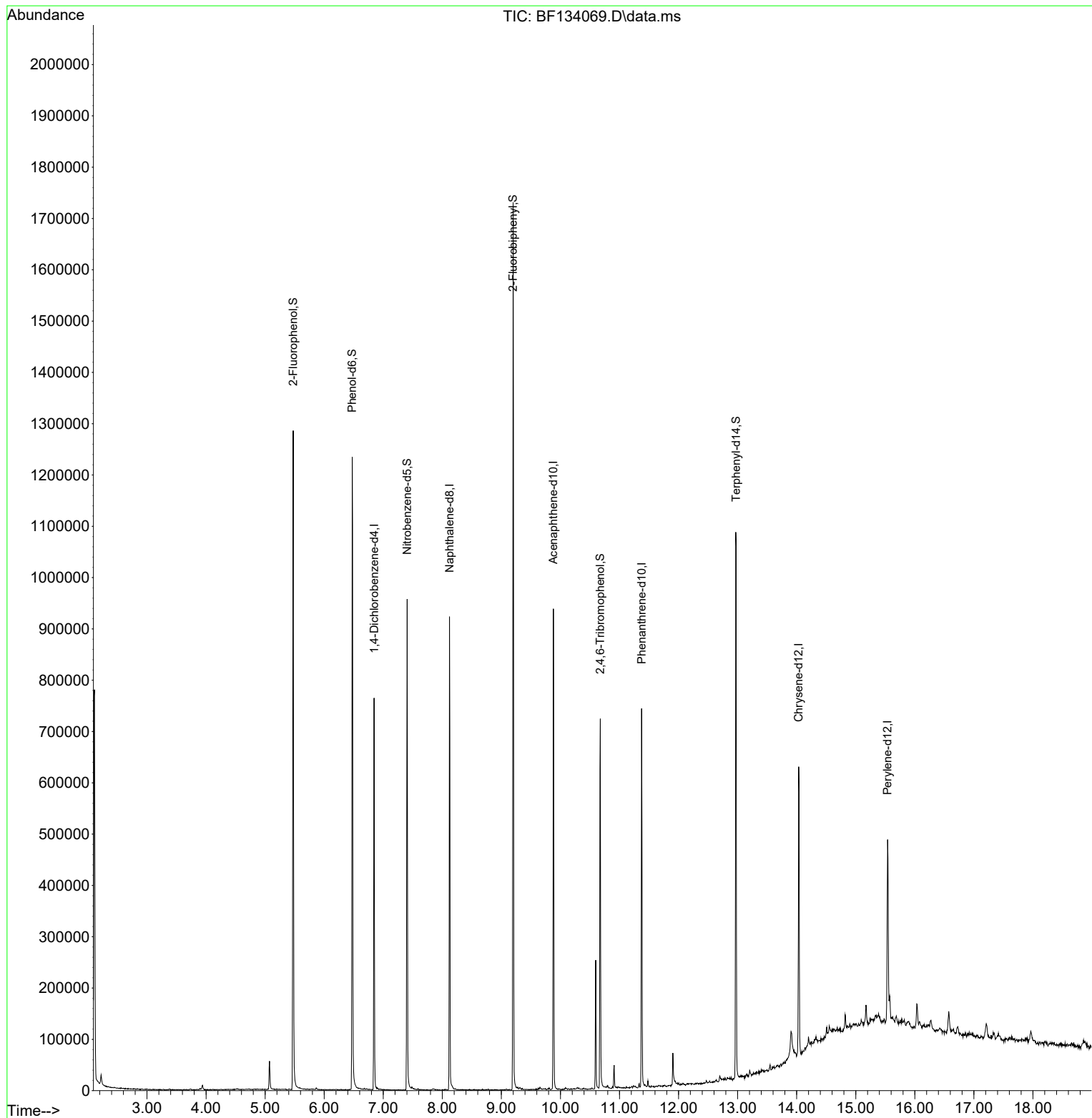
Target Compounds	Qvalue

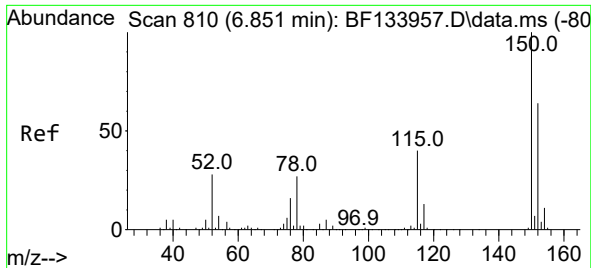
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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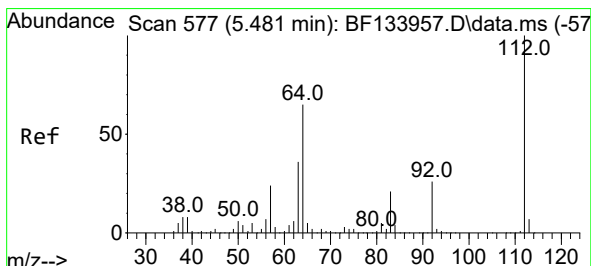
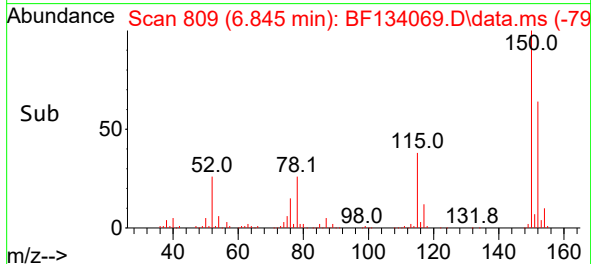
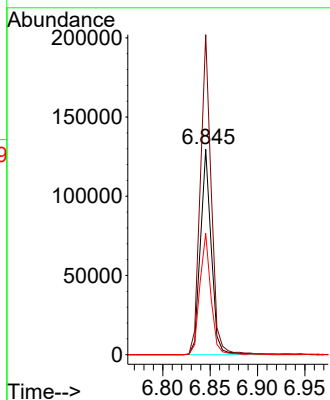
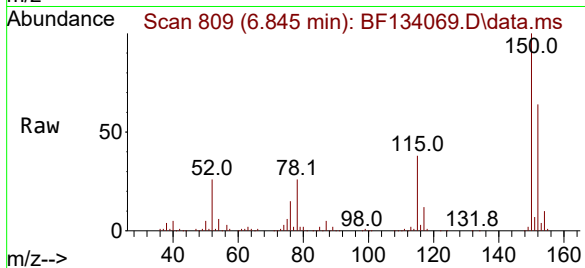




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

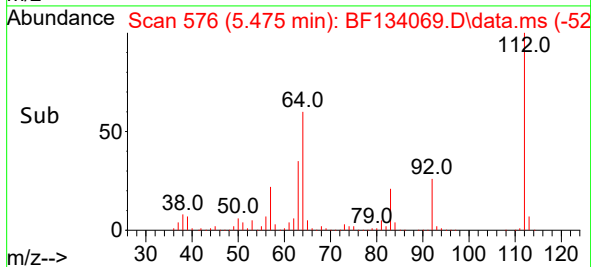
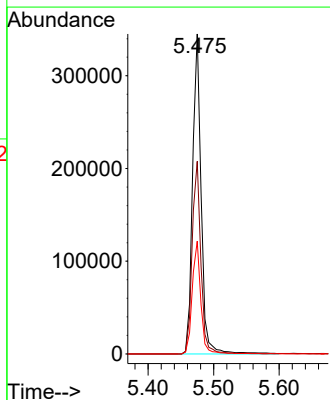
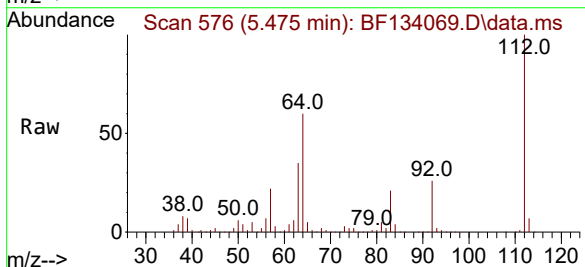
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

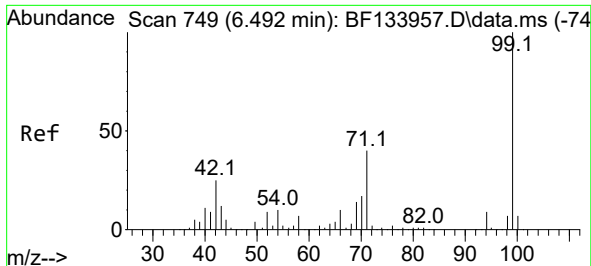
Tgt Ion:152 Resp: 103597
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 59.1 50.2 75.2



#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

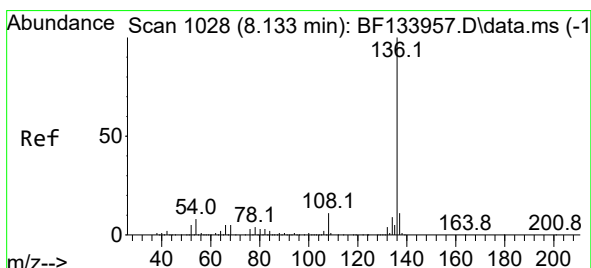
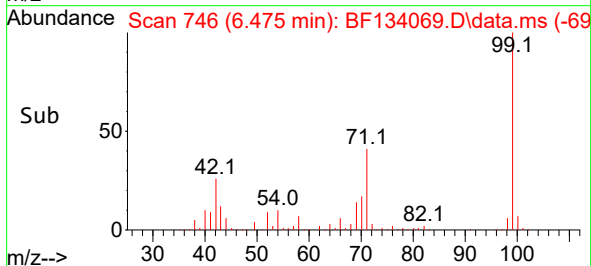
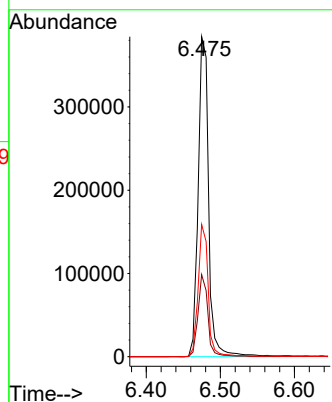
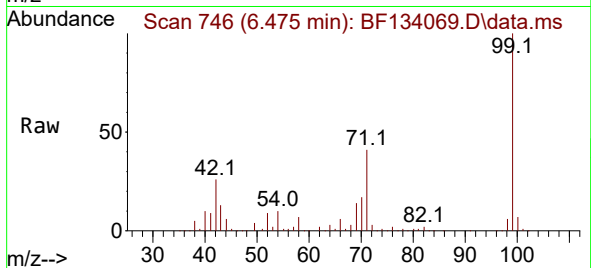




#7
Phenol-d6
Concen: 49.295 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

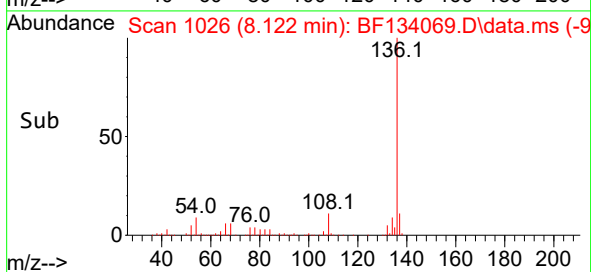
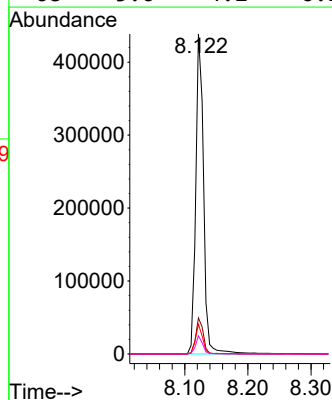
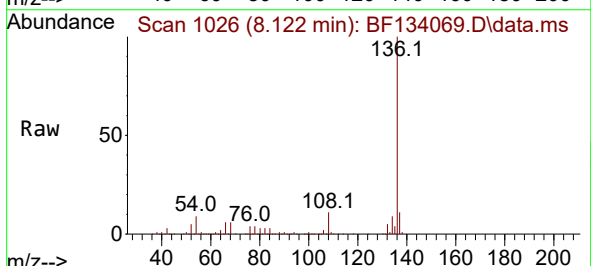
Instrument :
BNA_F
ClientSampleId :
PNNL-APM-0621-2

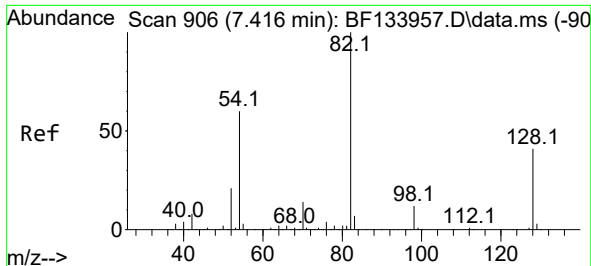
Tgt Ion: 99 Resp: 375451
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.6
71 41.3 31.9 47.9



#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

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

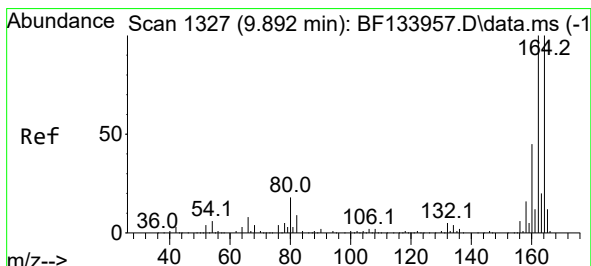
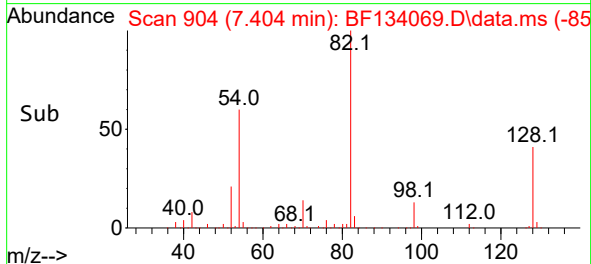
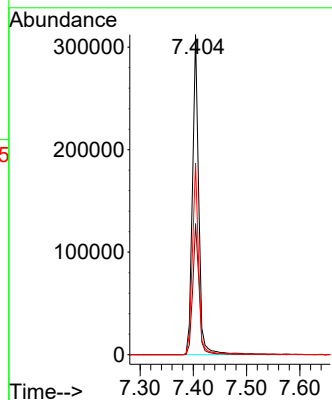
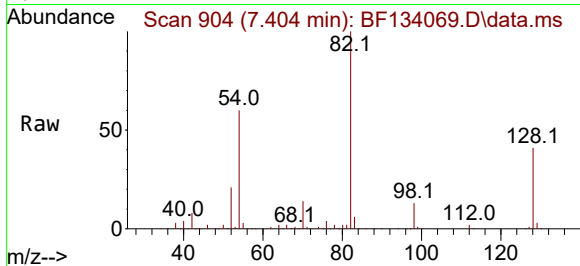




#23
 Nitrobenzene-d5
 Concen: 36.839 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.018 min
 Lab File: BF134069.D
 Acq: 01 Jul 2023 00:56

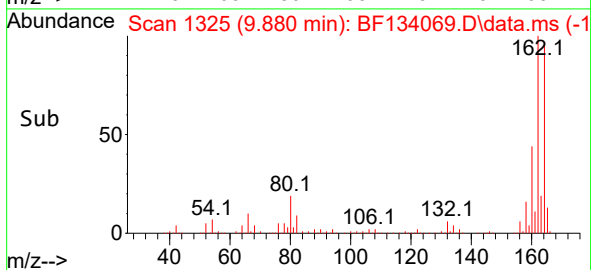
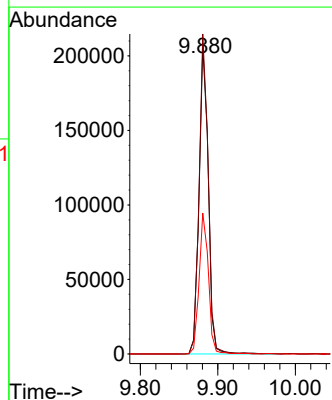
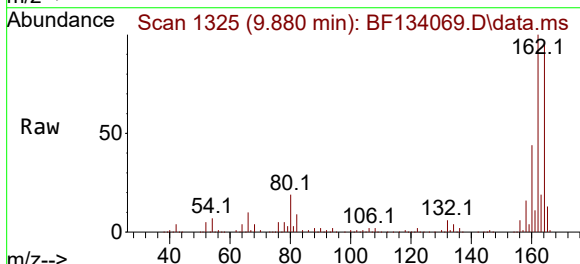
Instrument :
 BNA_F
 ClientSampleId :
 PNNL-APM-0621-2

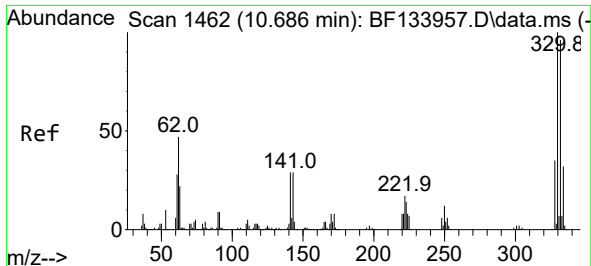
Tgt Ion: 82 Resp: 257788
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.5 48.7
 54 59.9 48.2 72.2



#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# 1460

Delta R.T. -0.012 min

Lab File: BF134069.D

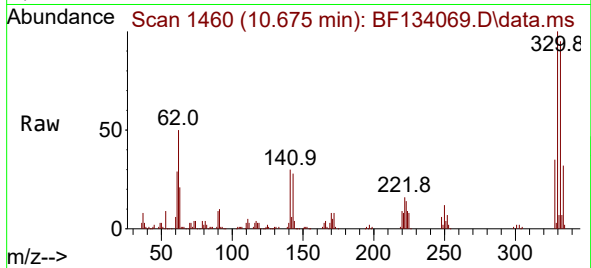
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Instrument :

BNA_F

ClientSampleId :

PNNL-APM-0621-2



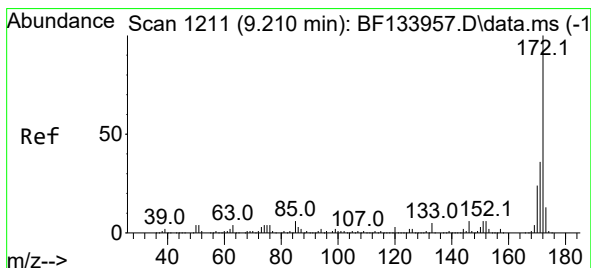
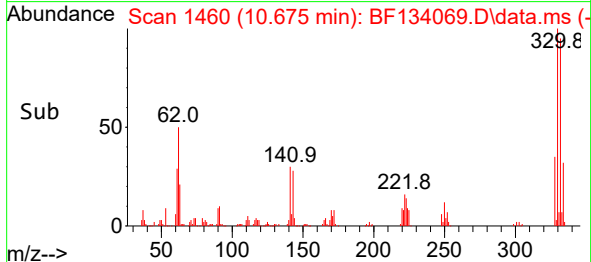
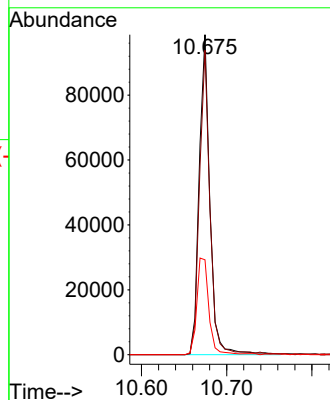
Tgt Ion:330 Resp: 86126

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

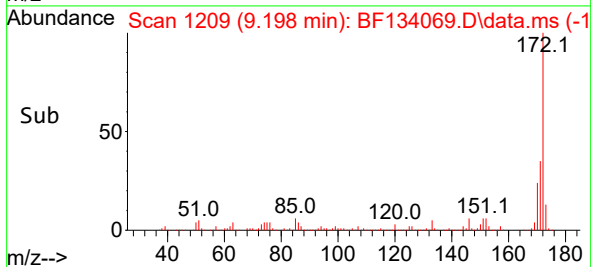
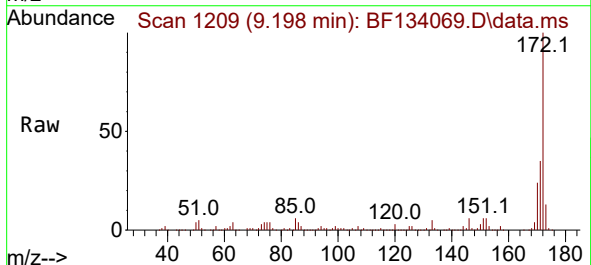
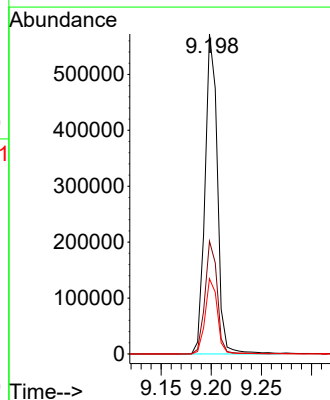
Tgt Ion:172 Resp: 495538

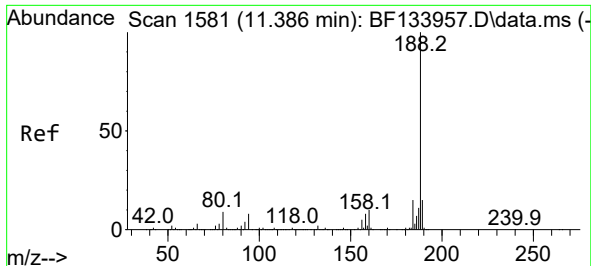
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 19.4 29.0

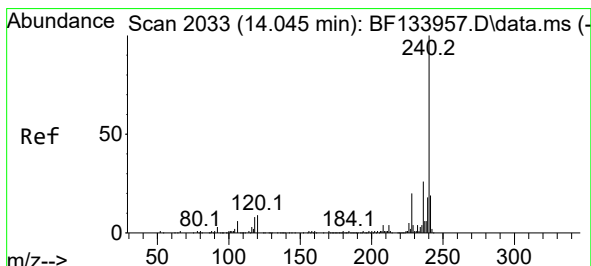
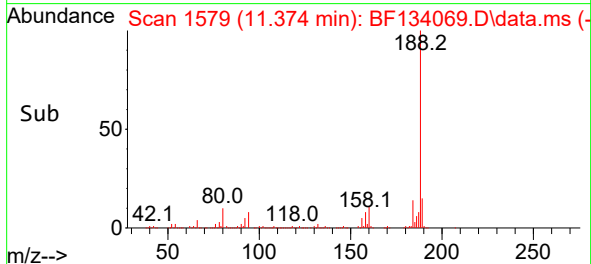
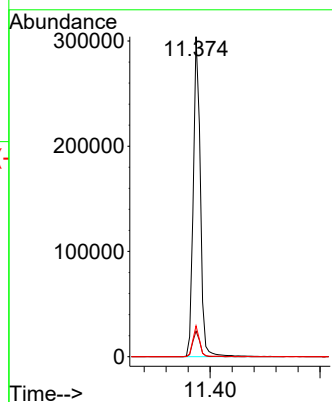
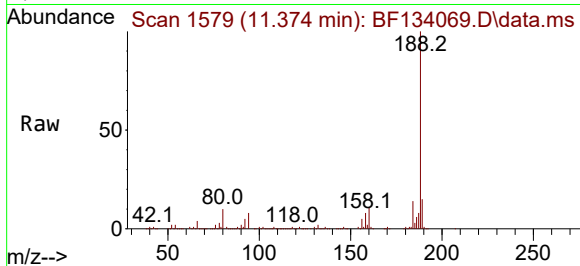




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

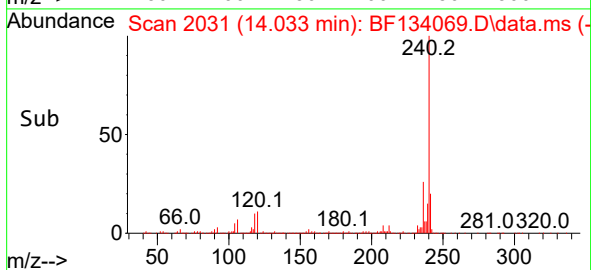
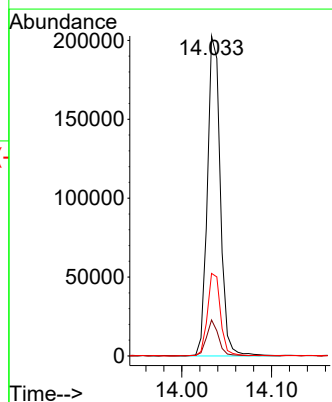
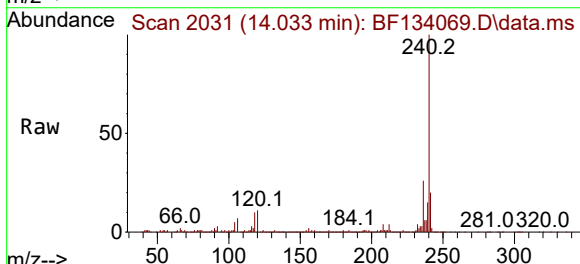
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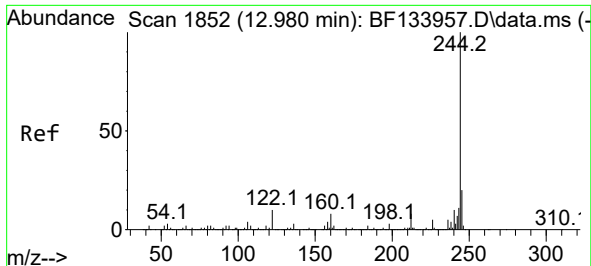
Tgt Ion:188 Resp: 269369
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134069.D
Acq: 01 Jul 2023 00:56

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

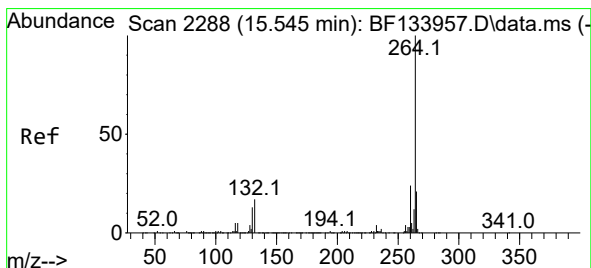
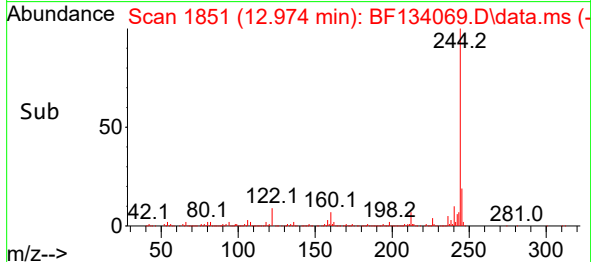
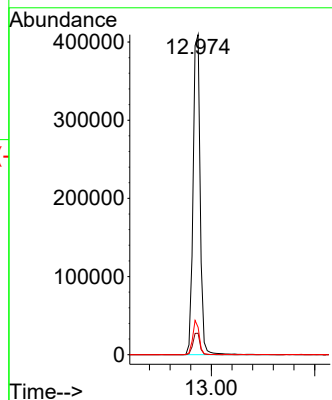
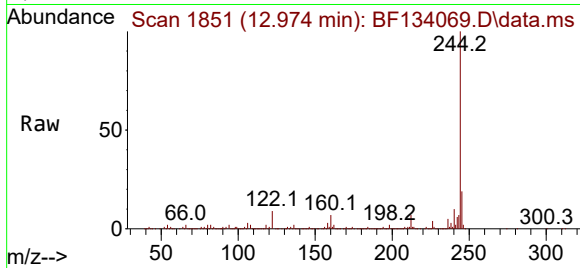




#79
 Terphenyl-d14
 Concen: 30.712 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134069.D
 Acq: 01 Jul 2023 00:56

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

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# 2287
 Delta R.T. -0.012 min
 Lab File: BF134069.D
 Acq: 01 Jul 2023 00:56

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

