

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134629.D
 Acq On : 04 Aug 2023 13:17
 Operator : CG\JU
 Sample : 03756-10RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RTP-14-CS-14RE

Quant Time: Aug 05 00:05:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

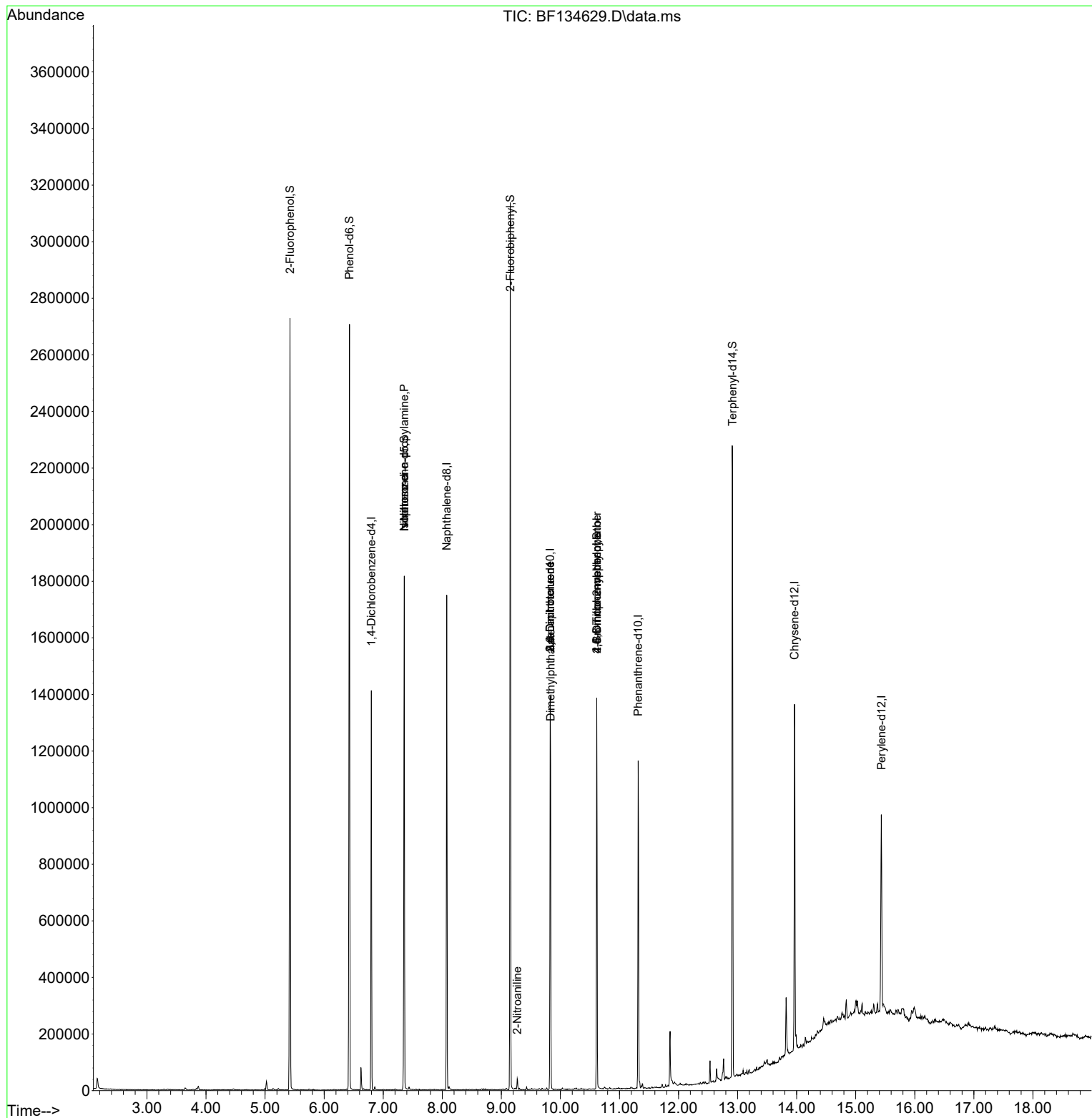
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	179105	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	650644	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	262770	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	391690	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	405279	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	321201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	691304	58.672	ng	0.00
7) Phenol-d6	6.428	99	851476	56.533	ng	-0.01
23) Nitrobenzene-d5	7.357	82	496244	47.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	145561	54.340	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	845095	53.474	ng	-0.01
79) Terphenyl-d14	12.916	244	819234	35.635	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	250	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.357	70	66476	7.372	ng	# 73
25) Isophorone	7.357	82	493409	21.728	ng	# 65
48) 2-Nitroaniline	9.269	65	356	3.236	ng	# 8
50) Dimethylphthalate	9.834	163	54941	3.068	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	34000	11.279	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	34000	10.066	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	247	8.827	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9601	2.239	ng	# 1

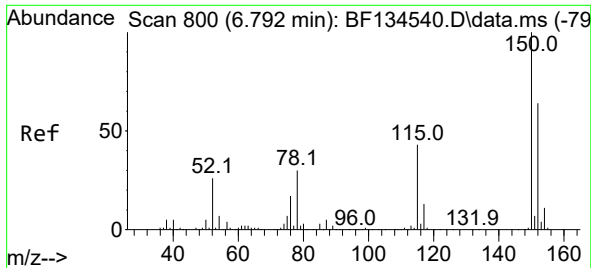
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134629.D
Acq On : 04 Aug 2023 13:17
Operator : CG\JU
Sample : 03756-10RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

Quant Time: Aug 05 00:05:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

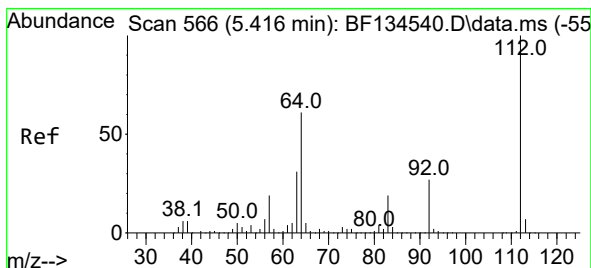
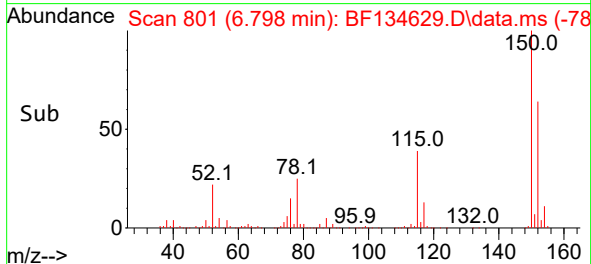
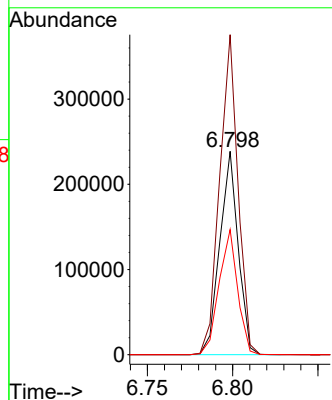
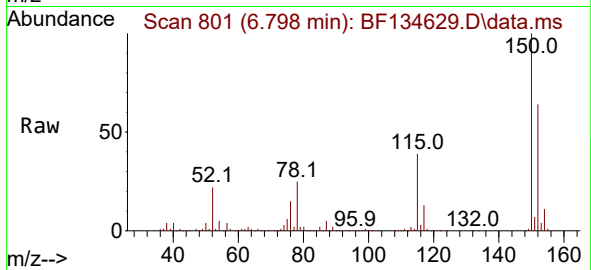




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

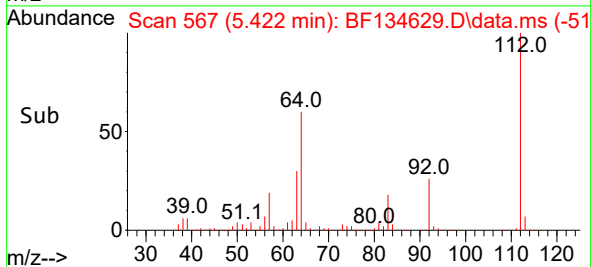
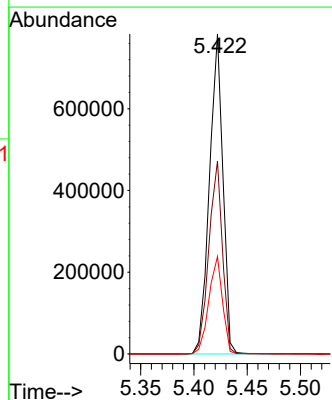
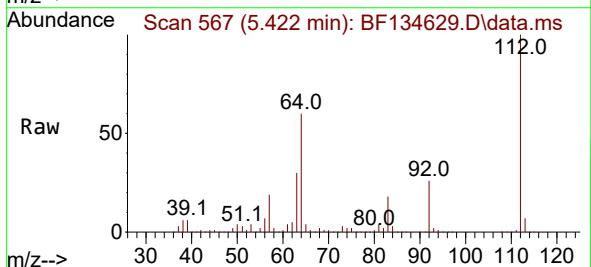
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

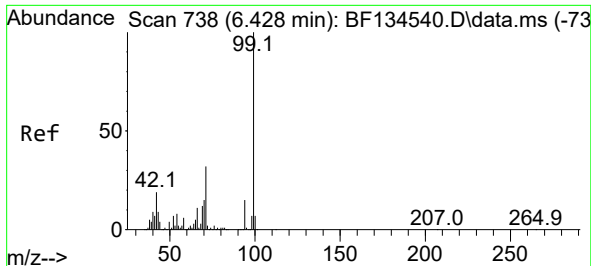
Tgt Ion:152 Resp: 179105
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 61.5 52.4 78.6



#5
2-Fluorophenol
Concen: 58.672 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion:112 Resp: 691304
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 30.4 25.4 38.0

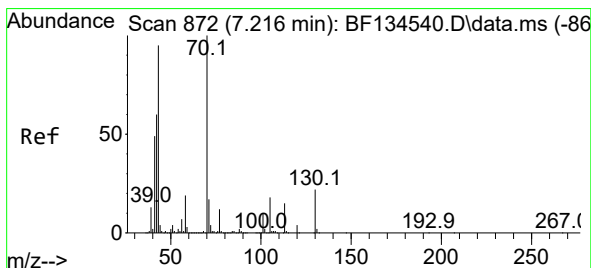
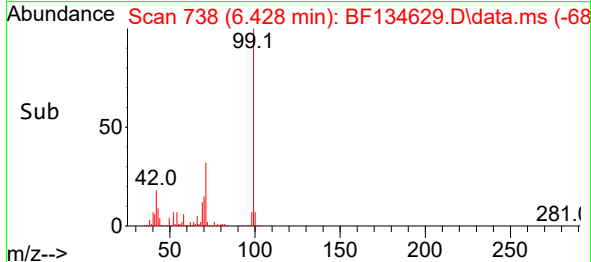
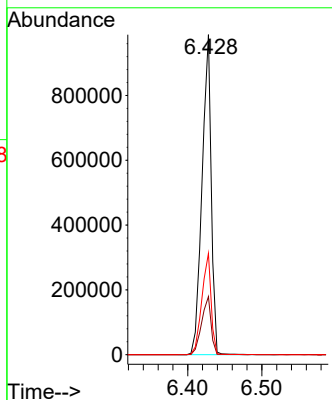
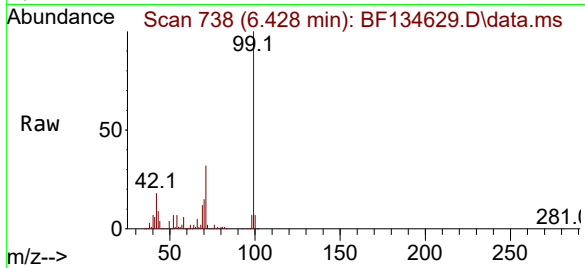




#7
Phenol-d6
Concen: 56.533 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

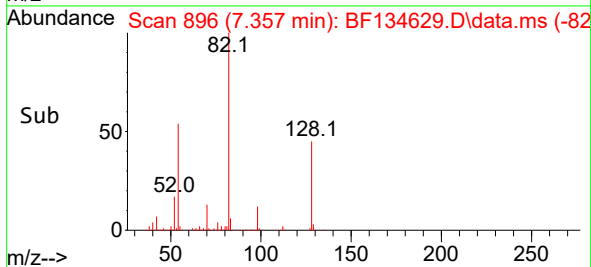
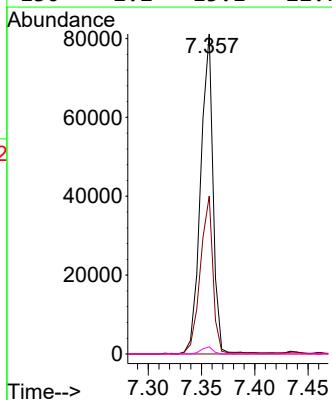
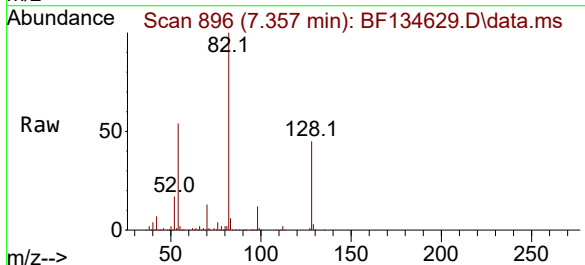
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

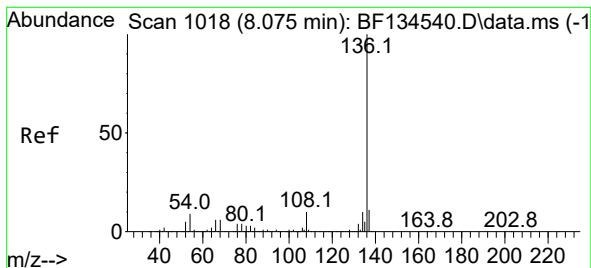
Tgt Ion: 99 Resp: 851476
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 31.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.372 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion: 70 Resp: 66476
Ion Ratio Lower Upper
70 100
42 49.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134629.D

Acq: 04 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

RPTP-14-CS-14RE

Tgt Ion:136 Resp: 650644

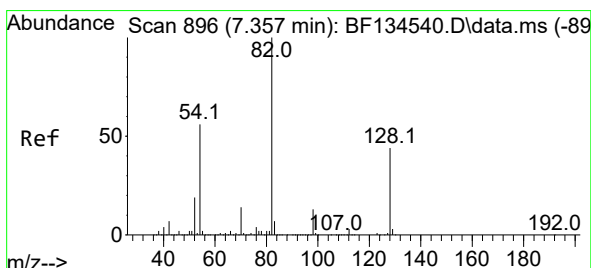
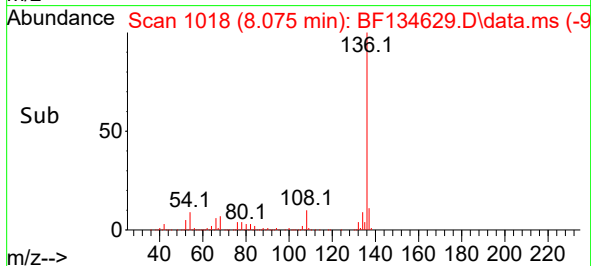
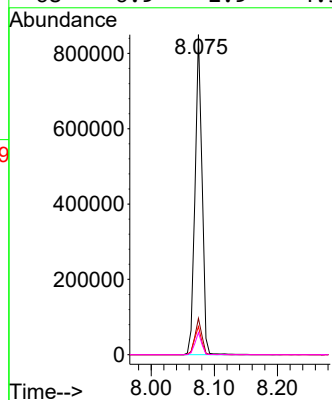
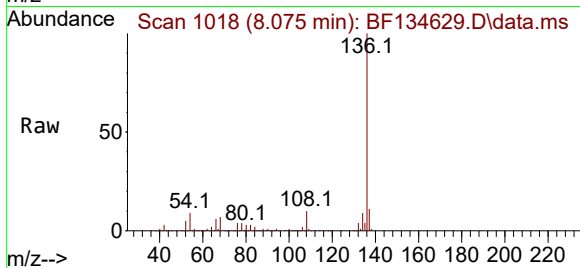
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.8 5.2 7.8#

68 6.9 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 47.663 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134629.D

Acq: 04 Aug 2023 13:17

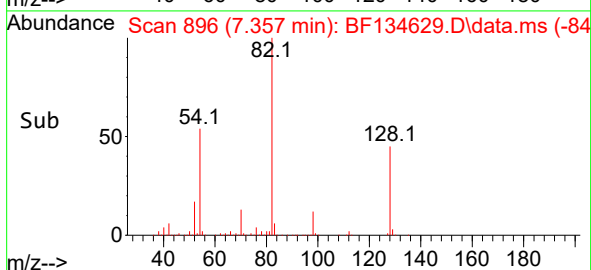
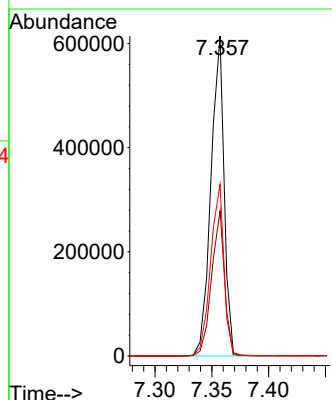
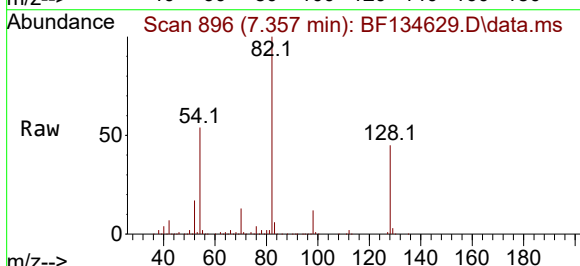
Tgt Ion: 82 Resp: 496244

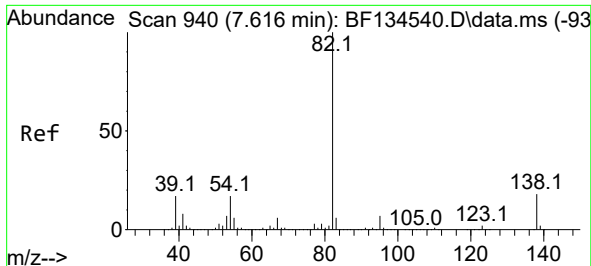
Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

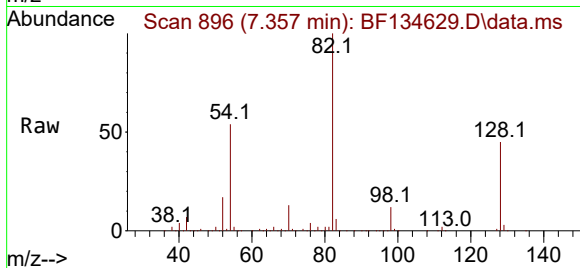
54 53.6 43.8 65.6



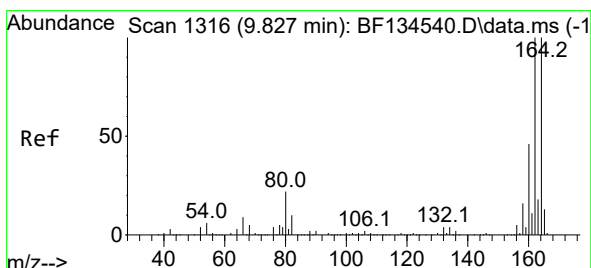
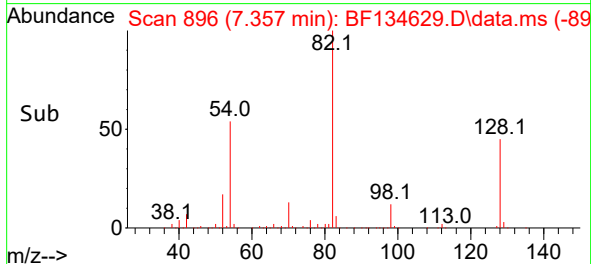
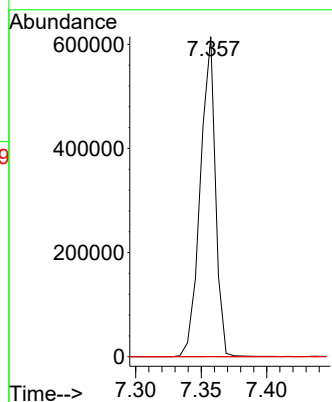


#25
Isophorone
Concen: 21.728 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

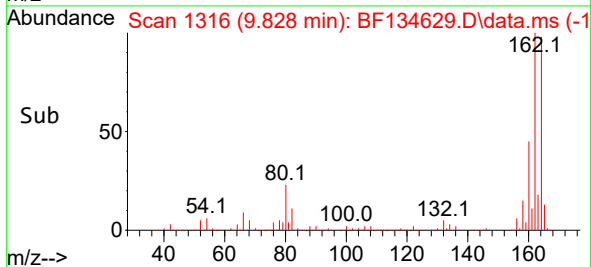
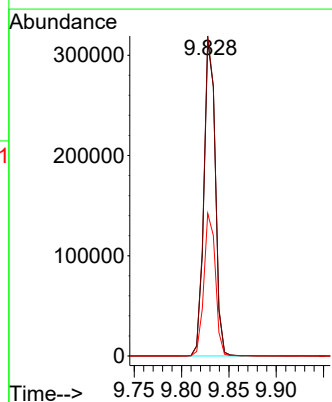
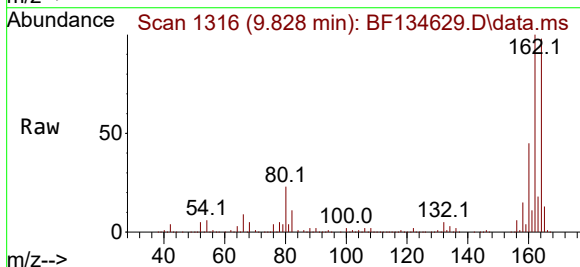


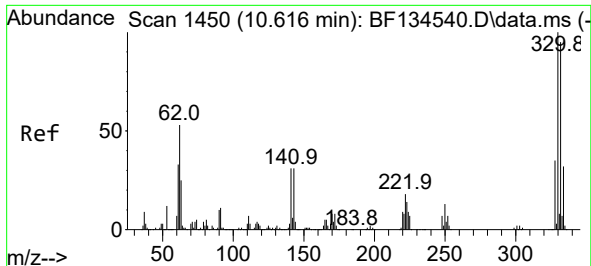
Tgt Ion: 82 Resp: 493409
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion:164 Resp: 262770
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.4 37.2 55.8

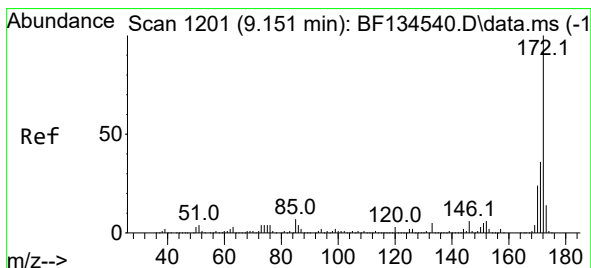
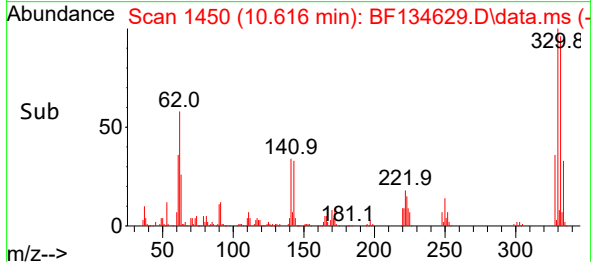
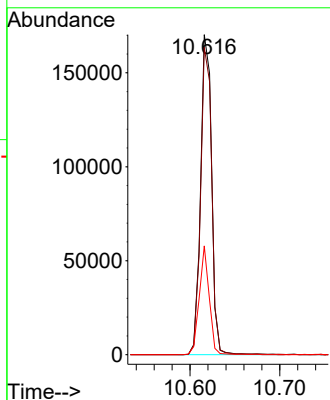
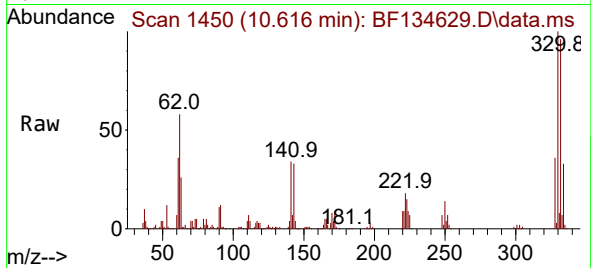




#42
 2,4,6-Tribromophenol
 Concen: 54.340 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134629.D
 Acq: 04 Aug 2023 13:17

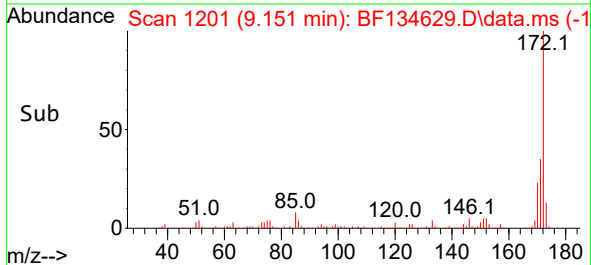
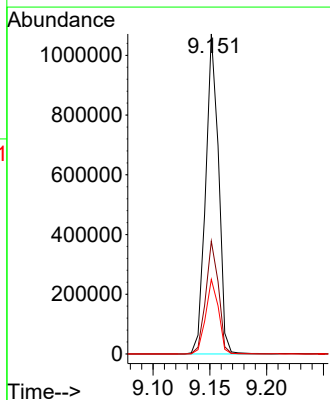
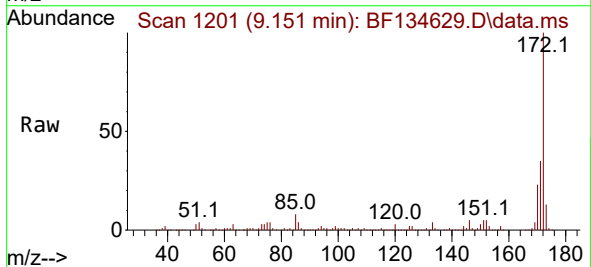
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-14-CS-14RE

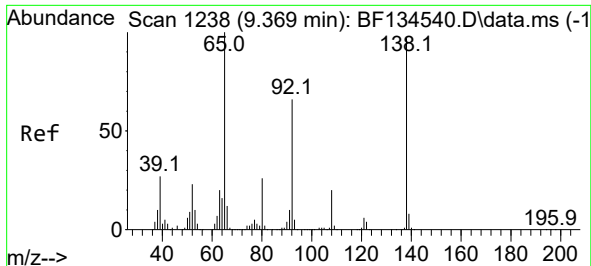
Tgt Ion:330 Resp: 145561
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.8 118.2
 141 30.8 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 53.474 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134629.D
 Acq: 04 Aug 2023 13:17

Tgt Ion:172 Resp: 845095
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.3 18.7 28.1

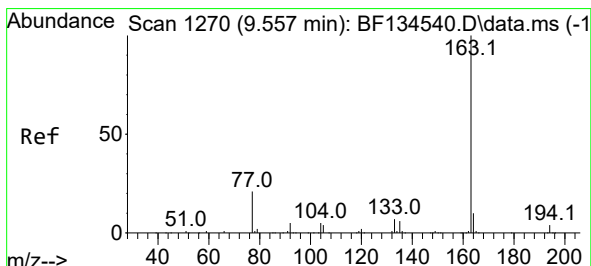
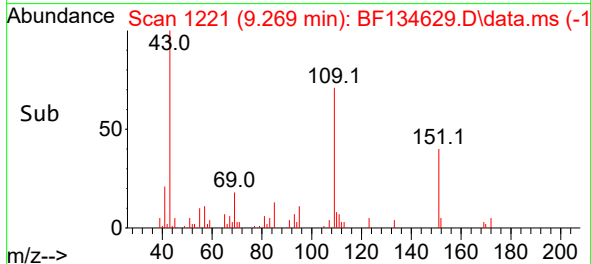
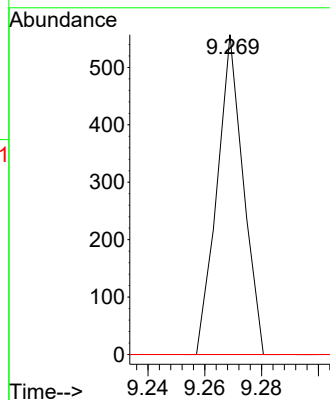
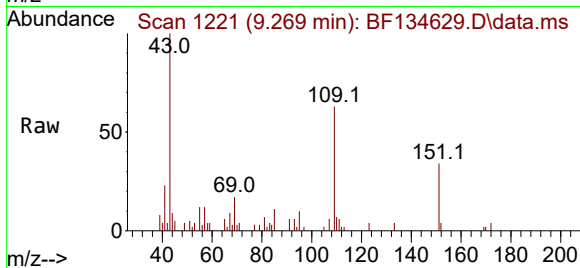




#48
2-Nitroaniline
Concen: 3.236 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

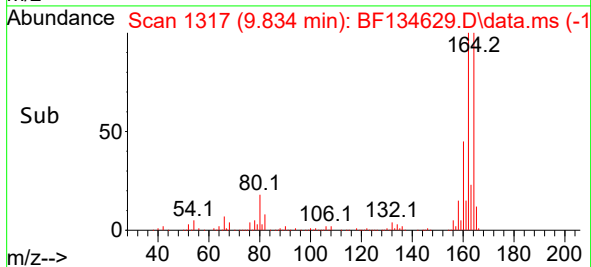
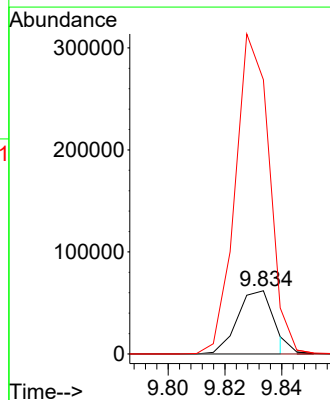
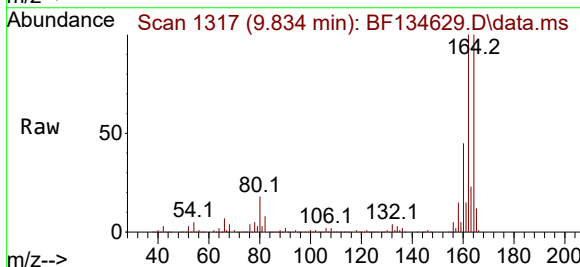
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

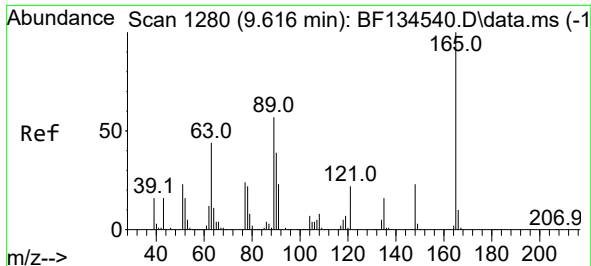
Tgt Ion: 65 Resp: 356
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.068 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion: 163 Resp: 54941
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 433.3 7.5 11.3#

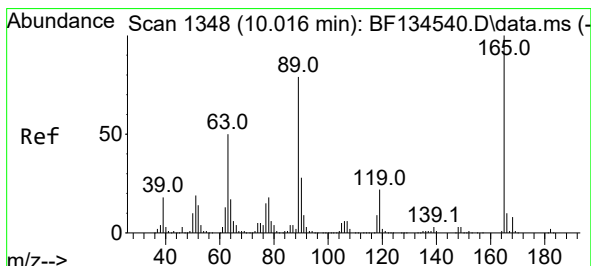
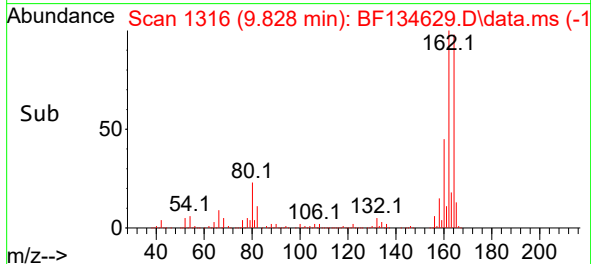
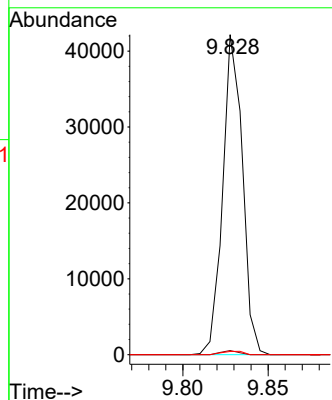
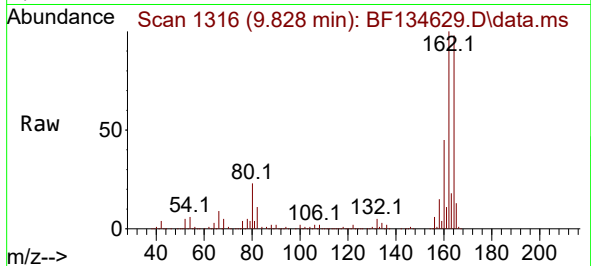




#51
2,6-Dinitrotoluene
Concen: 11.279 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

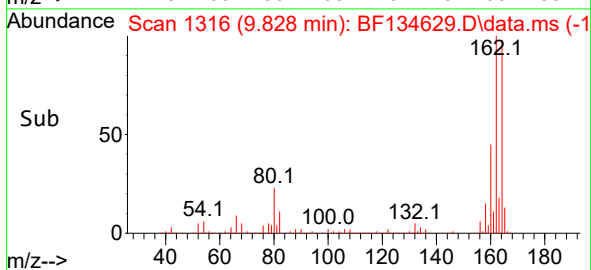
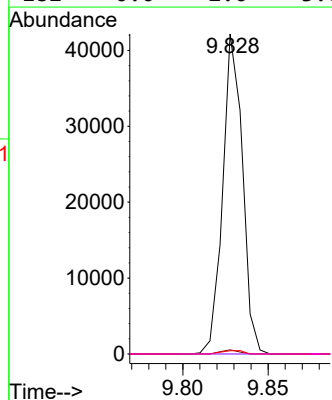
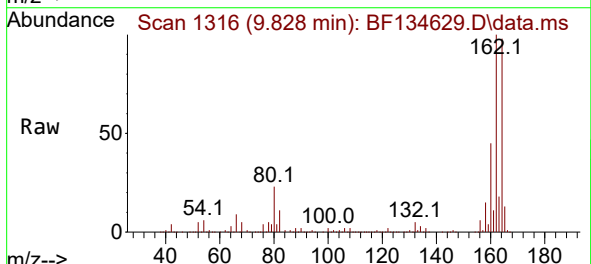
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

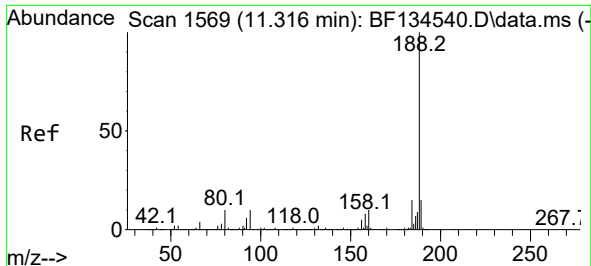
Tgt Ion:165 Resp: 34000
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.0 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.066 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion:165 Resp: 34000
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#

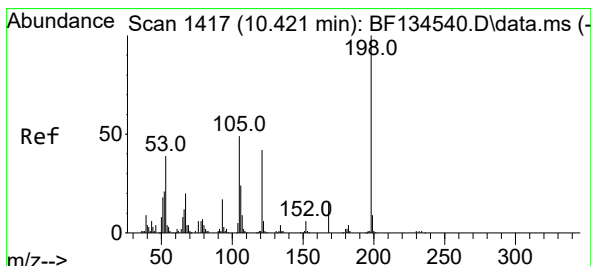
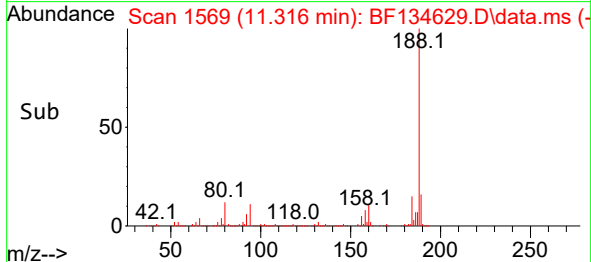
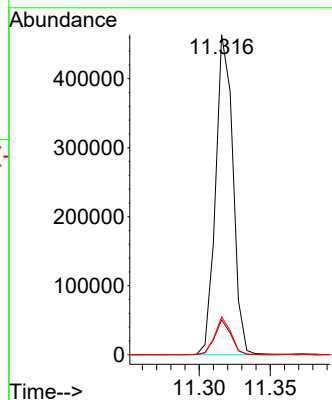
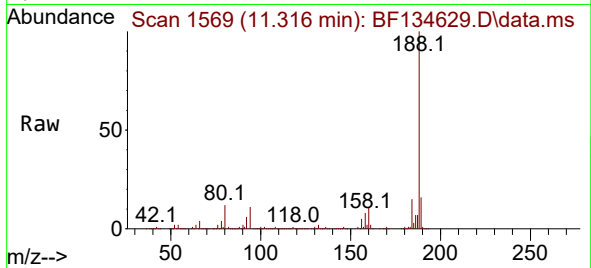




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

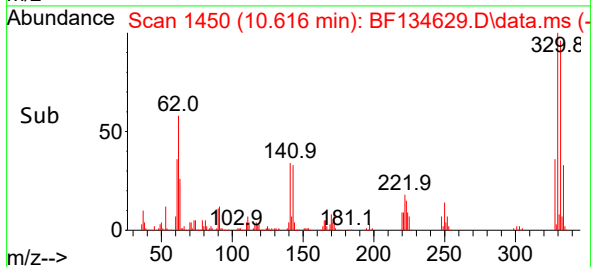
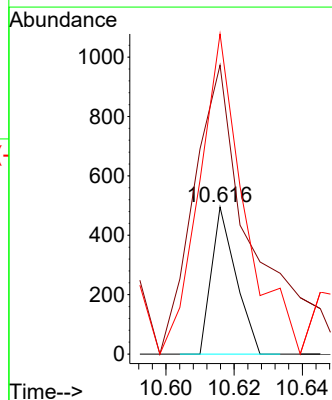
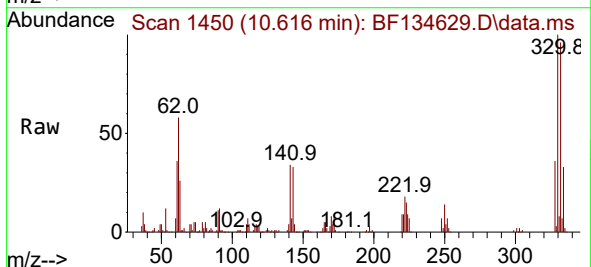
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

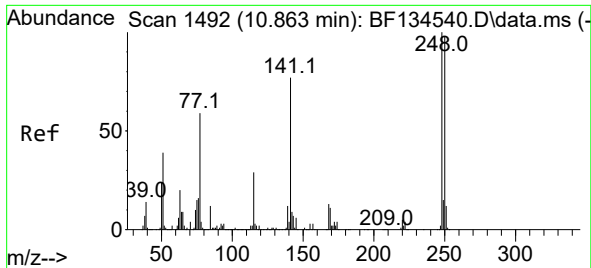
Tgt Ion:188 Resp: 391690
Ion Ratio Lower Upper
188 100
94 10.9 5.1 7.7#
80 11.8 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.827 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.177 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 196.6 38.6 78.6#
105 217.8 27.9 67.9#

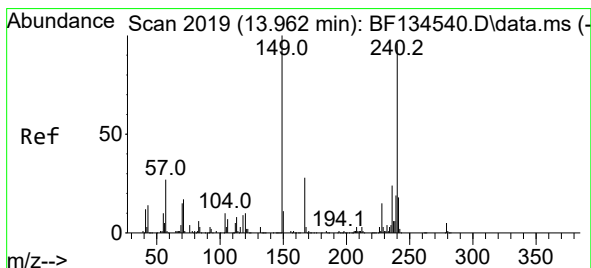
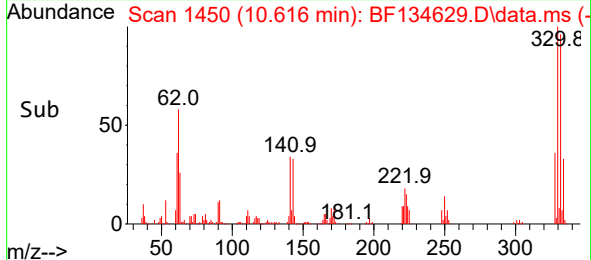
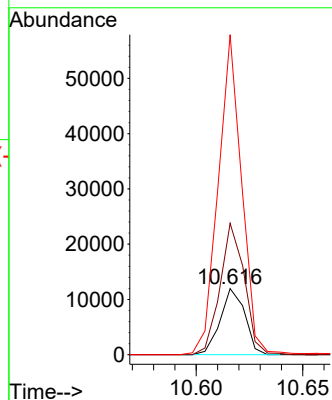
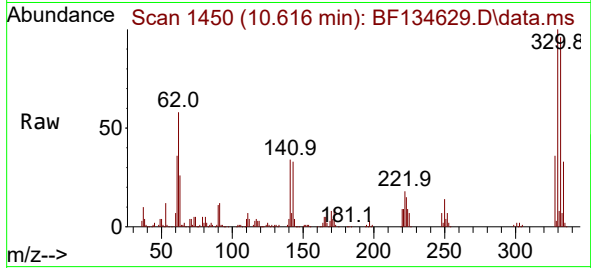




#67
4-Bromophenyl-phenylether
Concen: 2.239 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

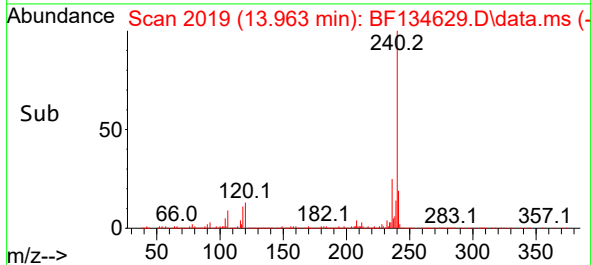
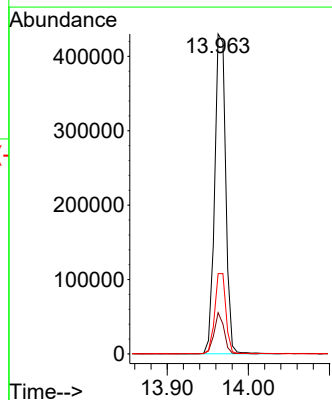
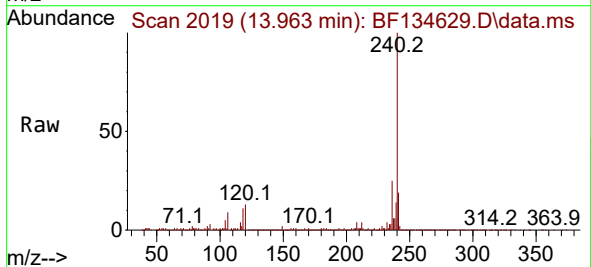
Instrument :
BNA_F
ClientSampleId :
RPTP-14-CS-14RE

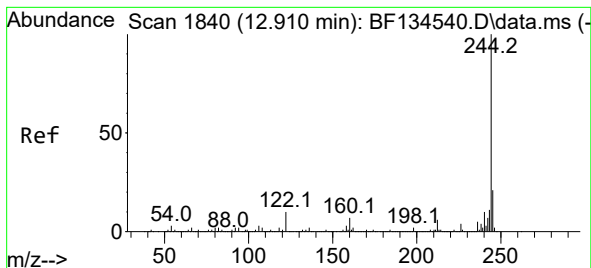
Tgt Ion:248 Resp: 9601
Ion Ratio Lower Upper
248 100
250 198.8 79.6 119.4#
141 484.3 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134629.D
Acq: 04 Aug 2023 13:17

Tgt Ion:240 Resp: 405279
Ion Ratio Lower Upper
240 100
120 12.9 6.6 10.0#
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 35.635 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134629.D

Acq: 04 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

RPTP-14-CS-14RE

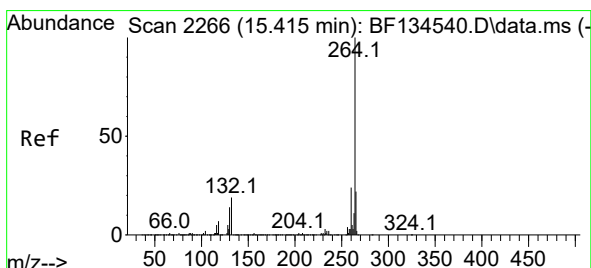
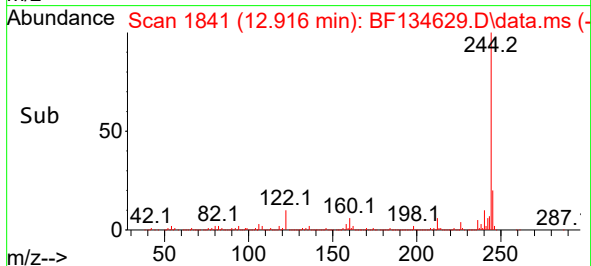
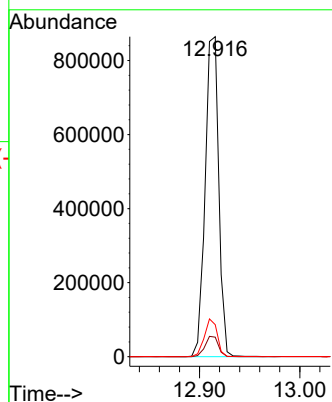
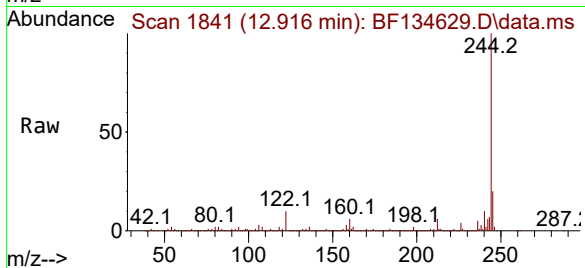
Tgt Ion:244 Resp: 819234

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134629.D

Acq: 04 Aug 2023 13:17

Tgt Ion:264 Resp: 321201

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.3 15.8 23.8

