

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134624.D
 Acq On : 04 Aug 2023 10:39
 Operator : CG\JU
 Sample : 03756-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9

Quant Time: Aug 05 00:10:56 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)

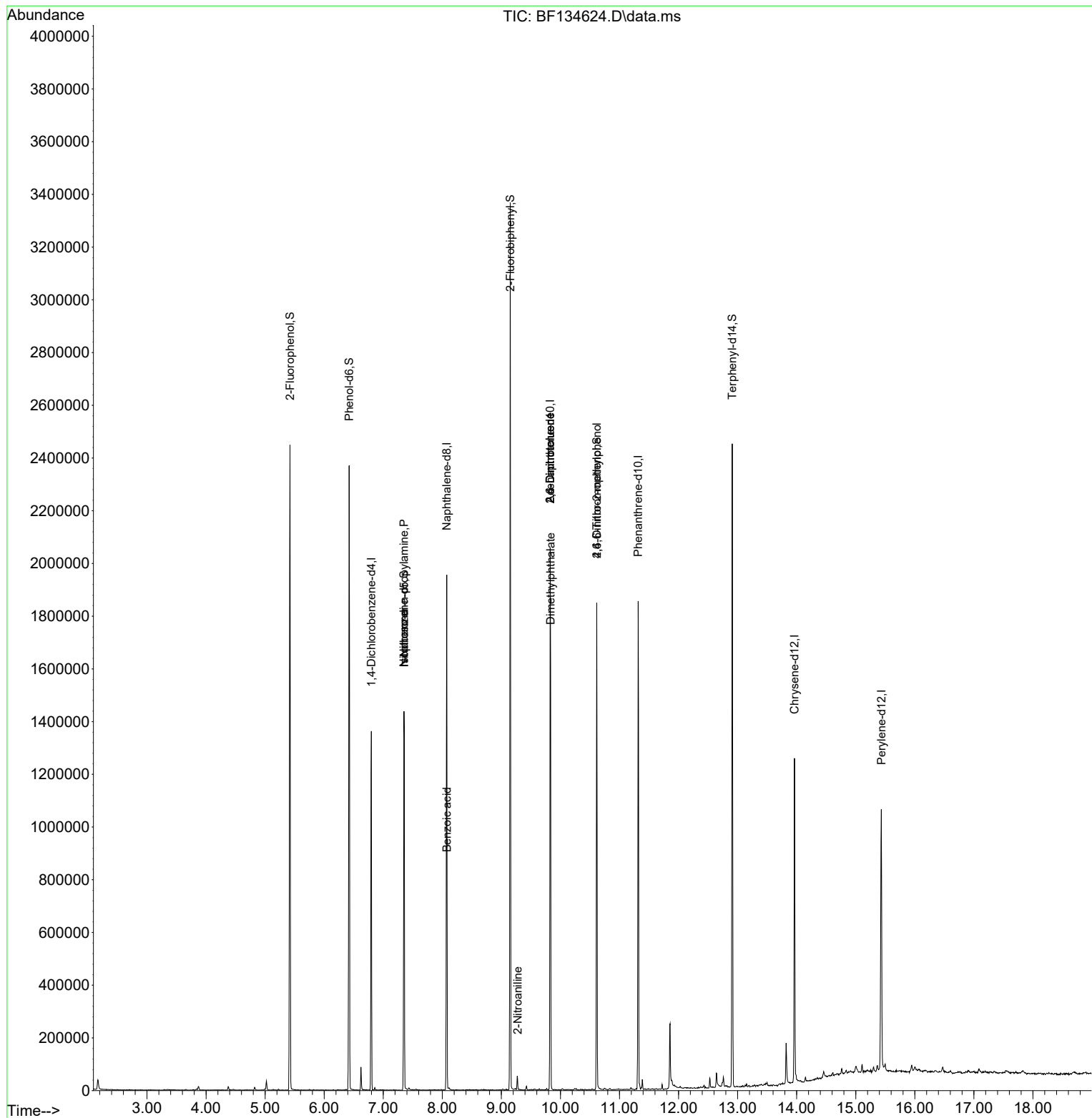
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193763	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	768646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	386918	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	639080	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	375399	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	461452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	622100	48.805	ng	0.00
7) Phenol-d6	6.422	99	813835	49.946	ng	-0.02
23) Nitrobenzene-d5	7.351	82	461636	37.532	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	200566	50.850	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	913667	39.263	ng	-0.01
79) Terphenyl-d14	12.910	244	778578	36.562	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	188	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	7.351	70	61387	6.292 ng	#	75
25) Isophorone	7.351	82	457161	17.041 ng	#	65
32) Benzoic acid	8.081	122	315	7.901 ng	#	1
48) 2-Nitroaniline	9.275	65	489	3.231 ng	#	8
50) Dimethylphthalate	9.833	163	81374	3.086 ng	#	1
51) 2,6-Dinitrotoluene	9.827	165	49599	11.198 ng	#	17
57) 2,4-Dinitrotoluene	9.827	165	49599	9.999 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.616	198	496	8.856 ng	#	1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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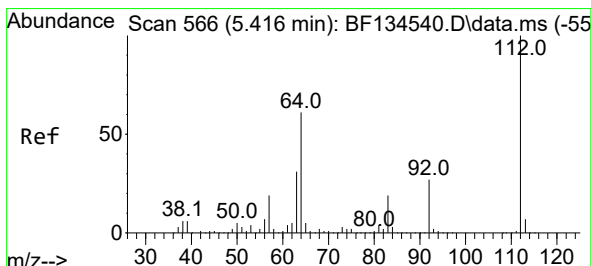
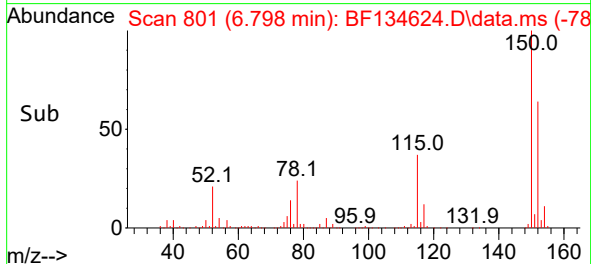
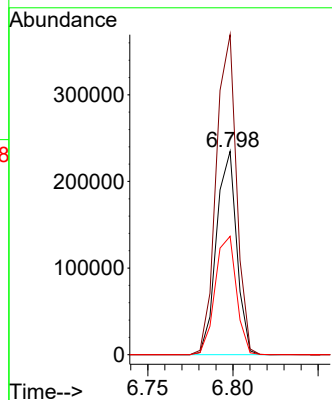
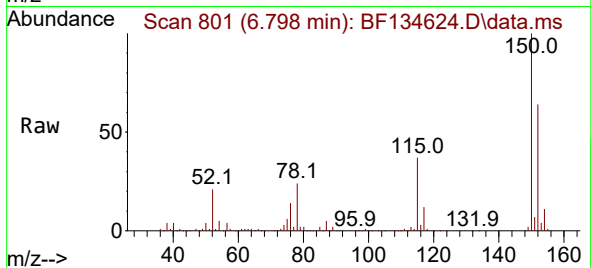




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

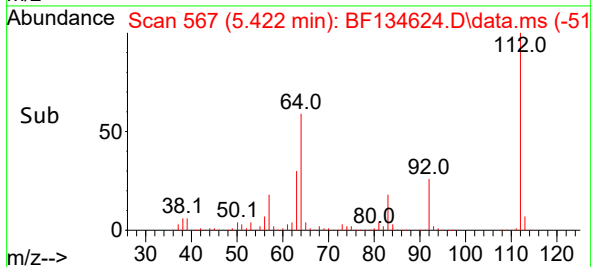
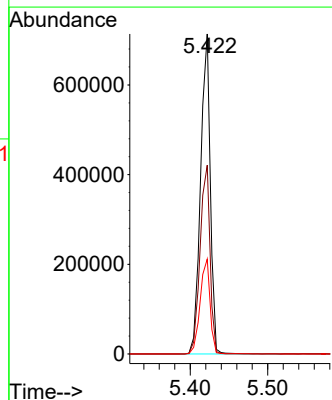
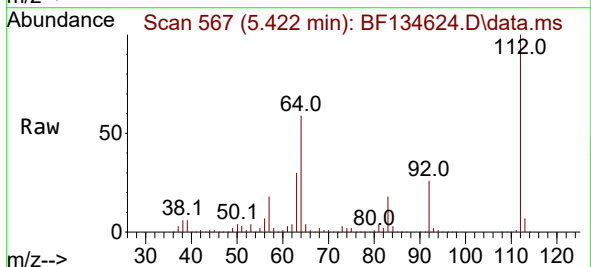
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

Tgt Ion:152 Resp: 193763
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 58.2 52.4 78.6



#5
2-Fluorophenol
Concen: 48.805 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion:112 Resp: 622100
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 29.6 25.4 38.0

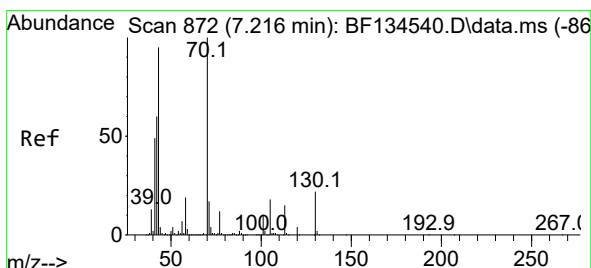
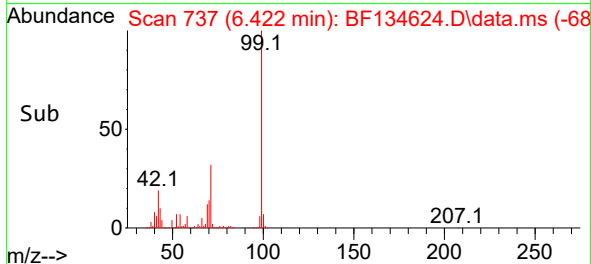
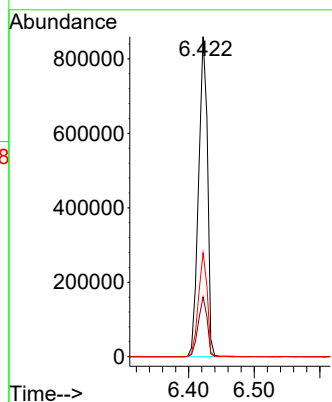
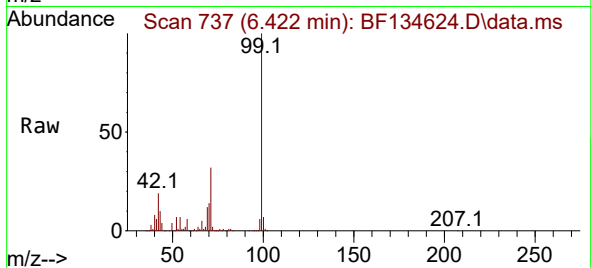




#7
Phenol-d6
Concen: 49.946 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

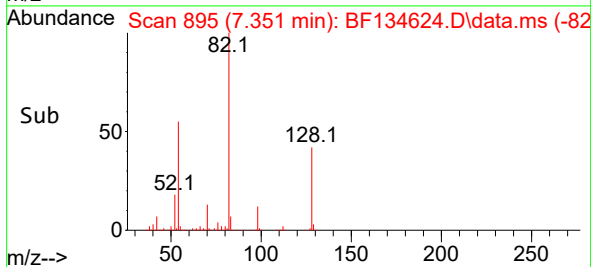
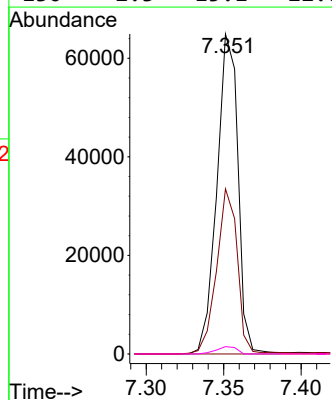
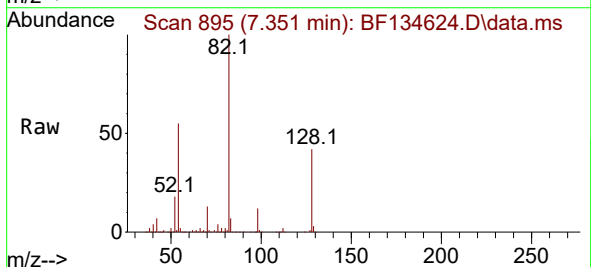
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

Tgt Ion: 99 Resp: 813835
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 32.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.292 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion: 70 Resp: 61387
Ion Ratio Lower Upper
70 100
42 51.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

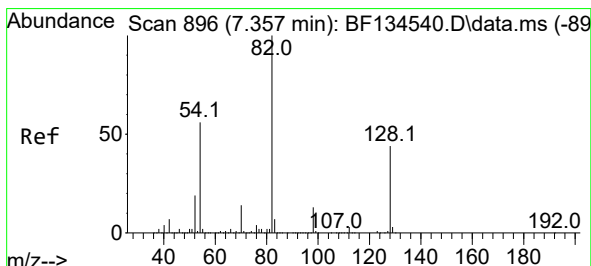
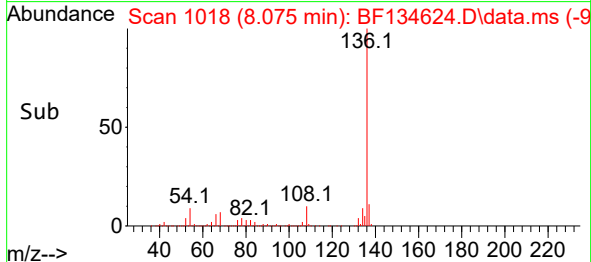
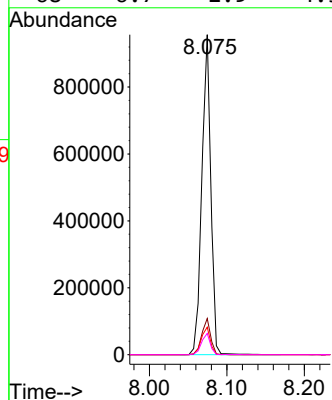
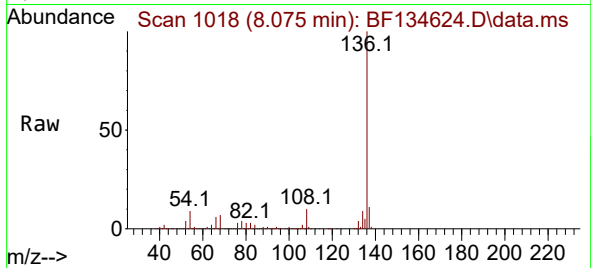




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

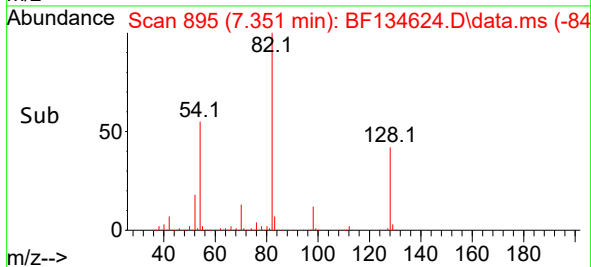
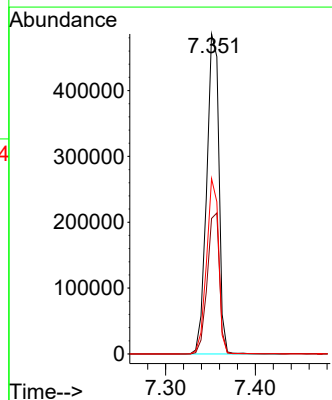
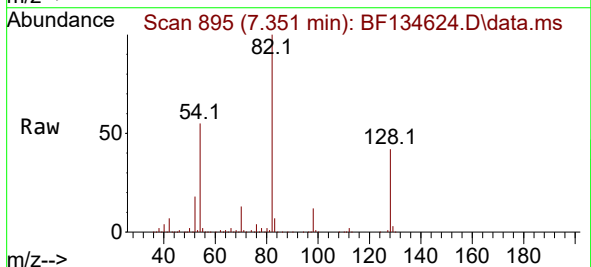
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

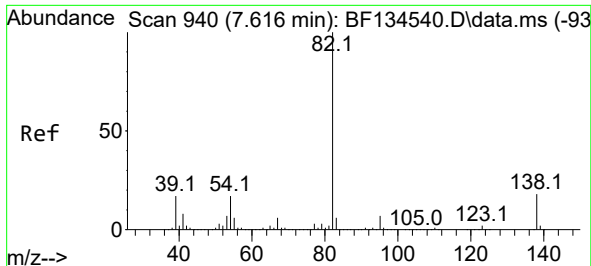
Tgt Ion:136 Resp: 768646
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.6 5.2 7.8#
68 6.7 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 37.532 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion: 82 Resp: 461636
Ion Ratio Lower Upper
82 100
128 42.4 34.3 51.5
54 54.8 43.8 65.6

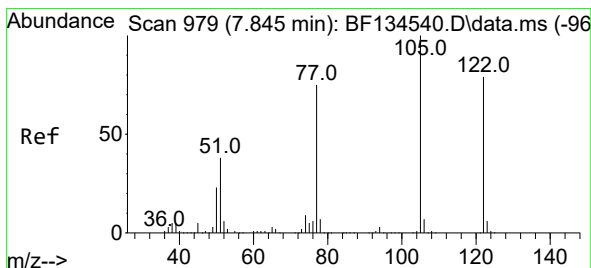
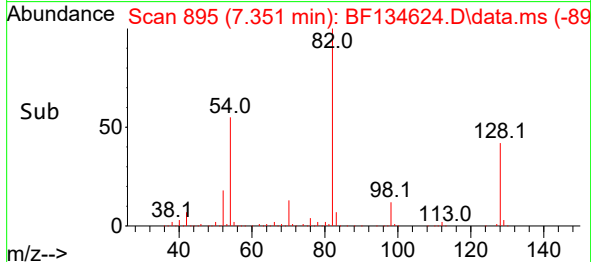
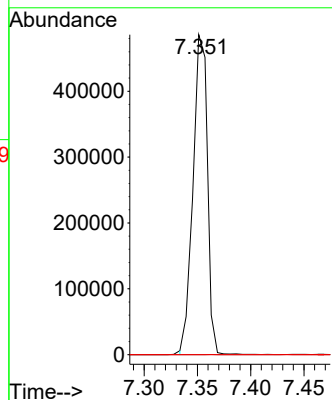
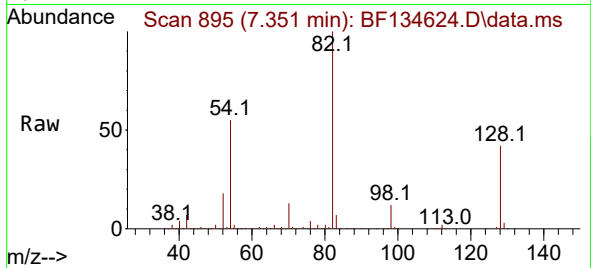




#25
Isophorone
Concen: 17.041 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

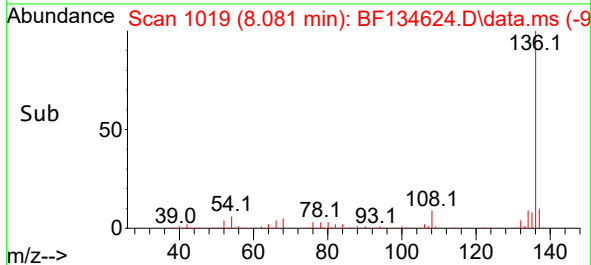
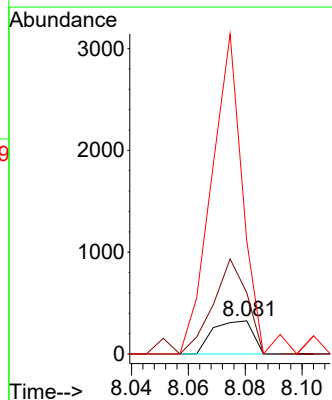
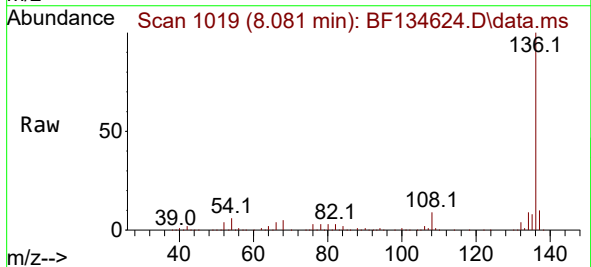
Instrument :
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ClientSampleId :
RPTP-9-CS-9

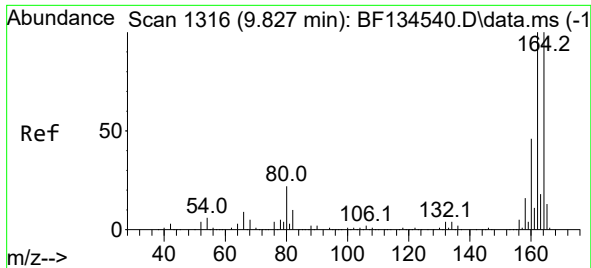
Tgt Ion: 82 Resp: 457161
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.901 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion: 122 Resp: 315
Ion Ratio Lower Upper
122 100
105 185.5 87.5 127.5#
77 341.8 71.4 111.4#

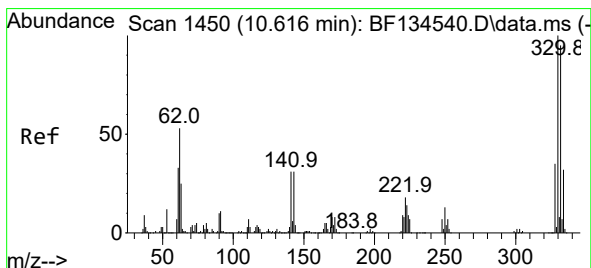
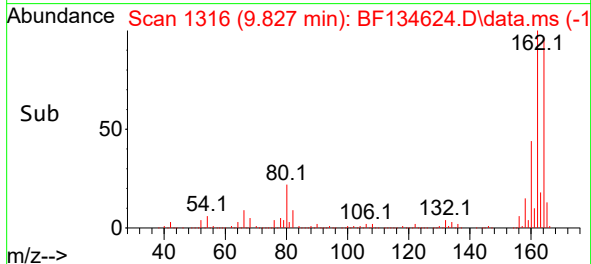
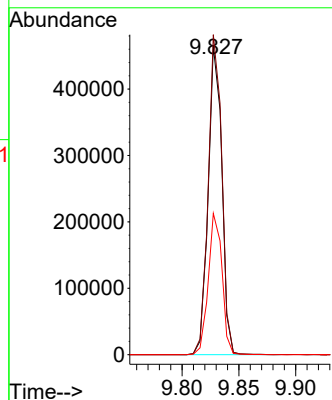
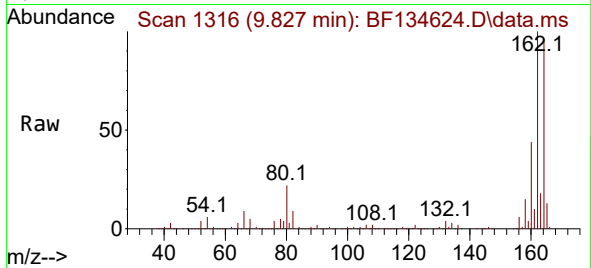




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

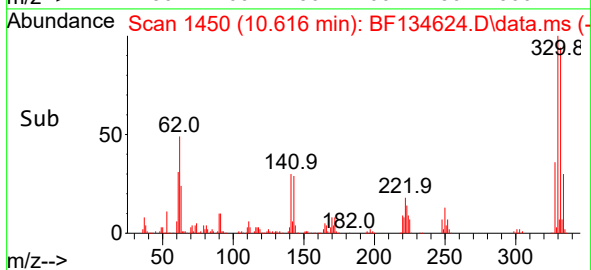
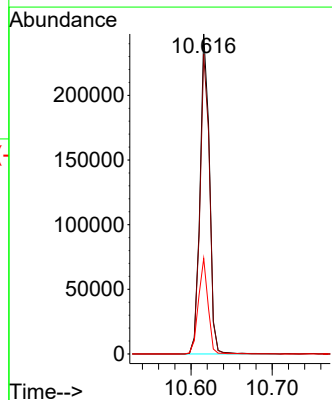
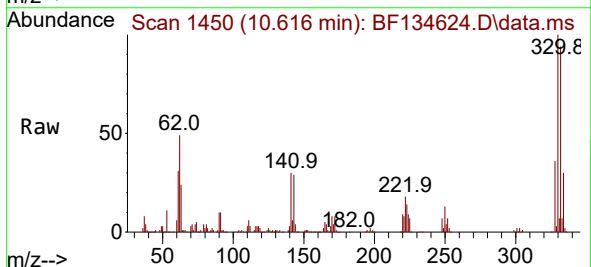
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BNA_F
ClientSampleId :
RPTP-9-CS-9

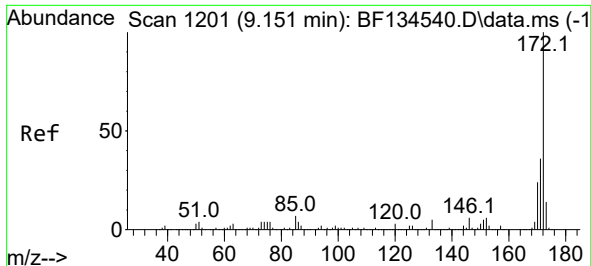
Tgt Ion:164 Resp: 386918
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 50.850 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion:330 Resp: 200566
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 30.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 39.263 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134624.D

Acq: 04 Aug 2023 10:39

Instrument :

BNA_F

ClientSampleId :

RPTP-9-CS-9

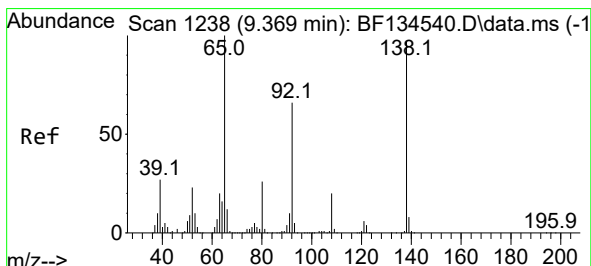
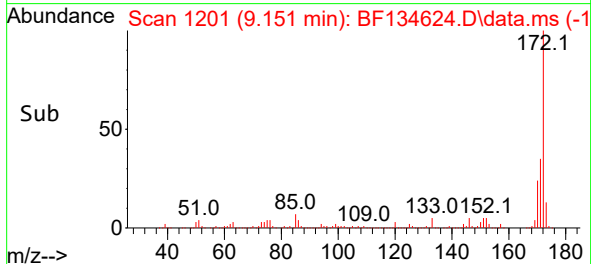
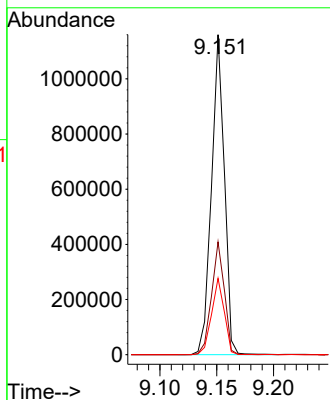
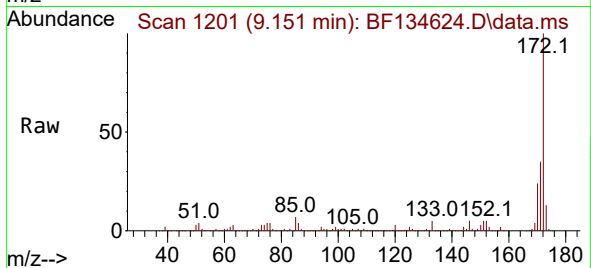
Tgt Ion:172 Resp: 913667

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.231 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134624.D

Acq: 04 Aug 2023 10:39

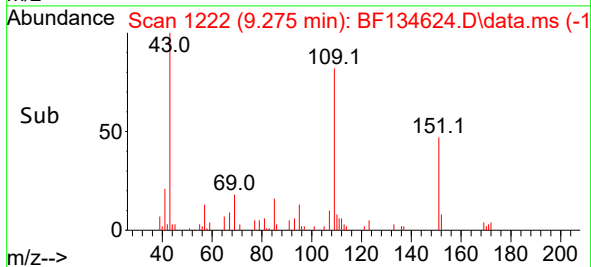
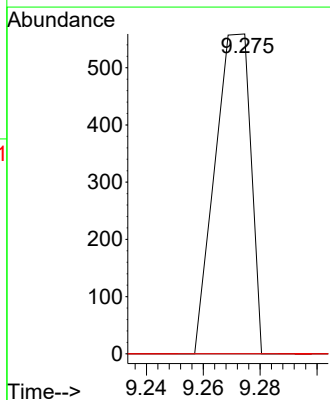
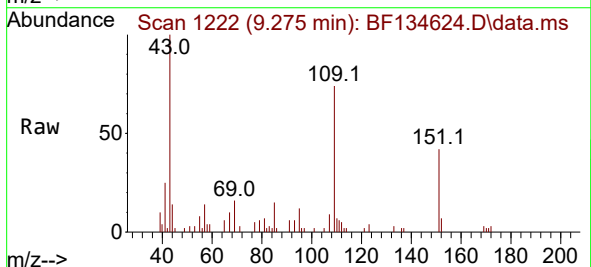
Tgt Ion: 65 Resp: 489

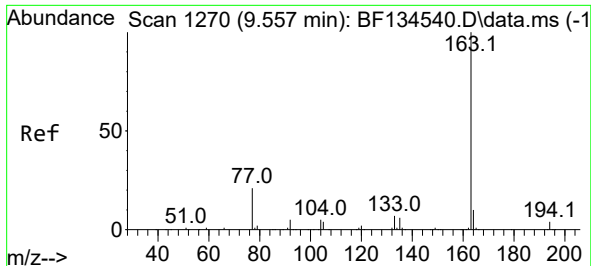
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

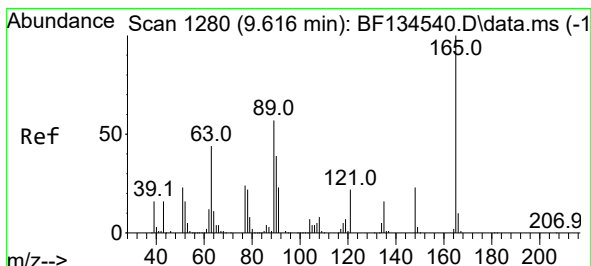
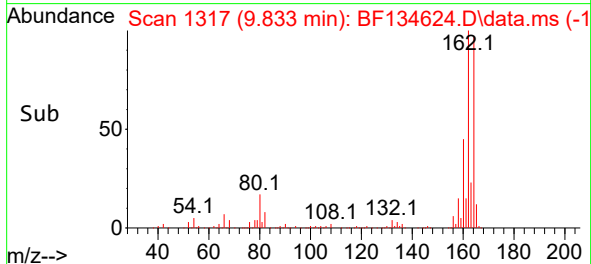
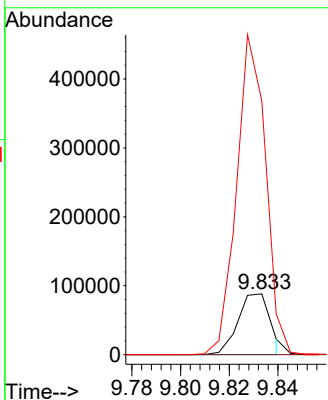
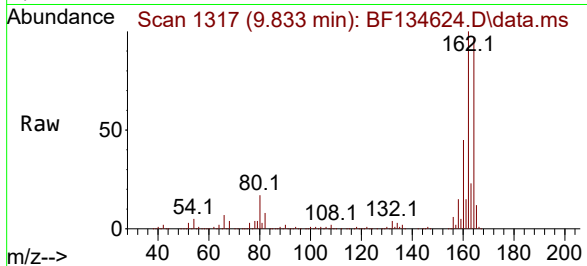




#50
 Dimethylphthalate
 Concen: 3.086 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. 0.265 min
 Lab File: BF134624.D
 Acq: 04 Aug 2023 10:39

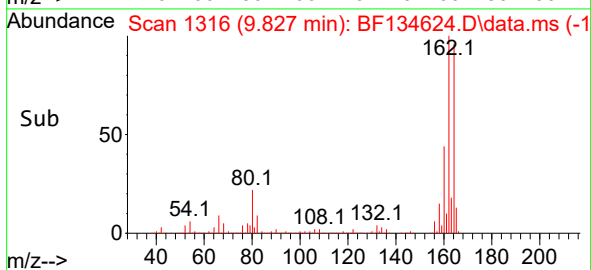
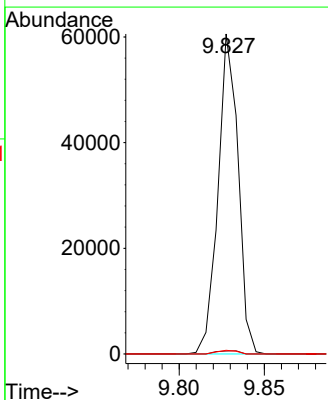
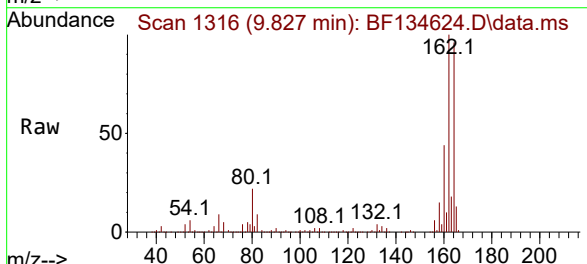
Instrument :
 BNA_F
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 RPTP-9-CS-9

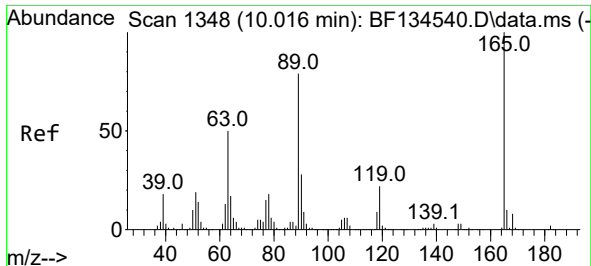
Tgt Ion:163 Resp: 81374
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 417.8 7.5 11.3#



#51
 2,6-Dinitrotoluene
 Concen: 11.198 ng
 RT: 9.827 min Scan# 1316
 Delta R.T. 0.200 min
 Lab File: BF134624.D
 Acq: 04 Aug 2023 10:39

Tgt Ion:165 Resp: 49599
 Ion Ratio Lower Upper
 165 100
 63 0.9 57.8 86.6#
 89 1.2 51.8 77.8#

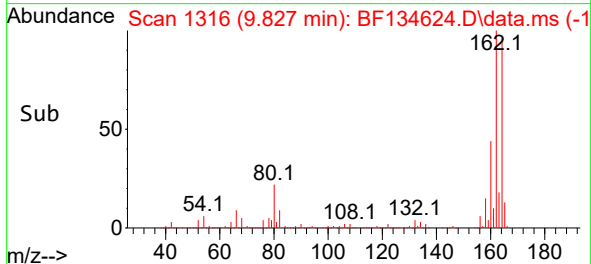
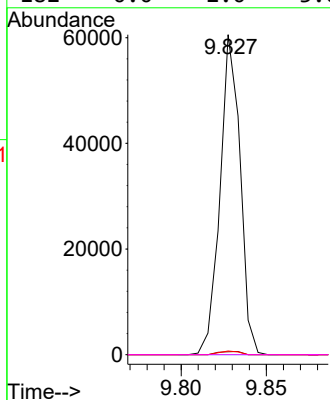
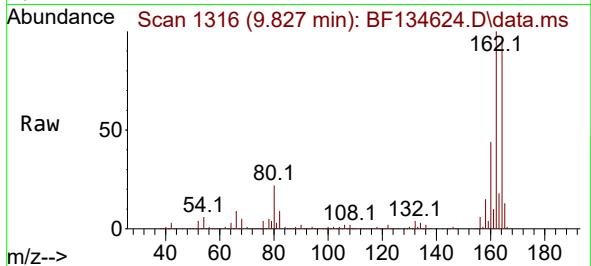




#57
2,4-Dinitrotoluene
Concen: 9.999 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

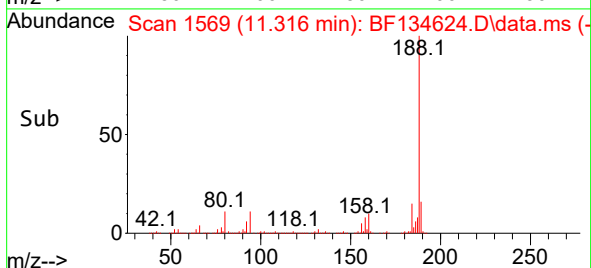
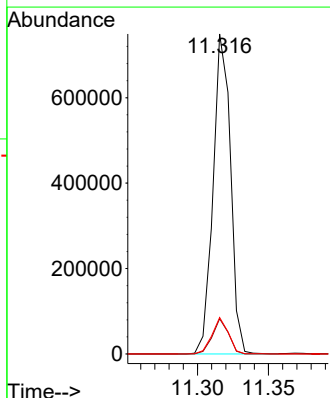
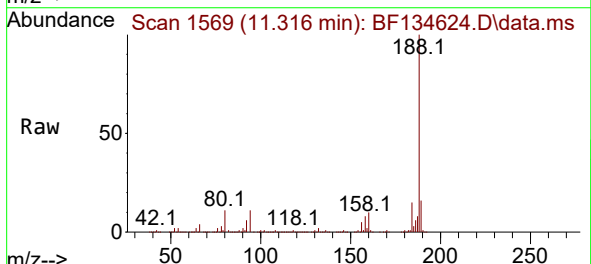
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

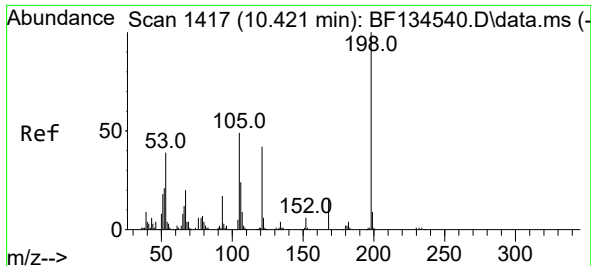
Tgt Ion:165 Resp: 49599
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion:188 Resp: 639080
Ion Ratio Lower Upper
188 100
94 11.0 5.1 7.7#
80 11.4 6.6 9.8#

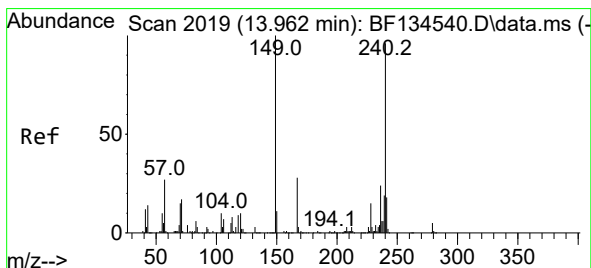
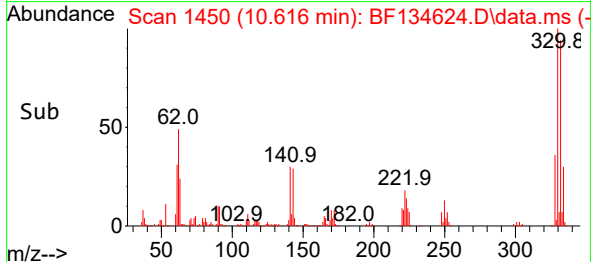
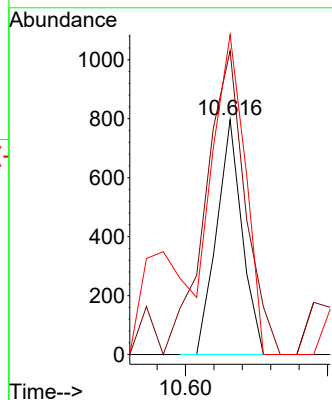
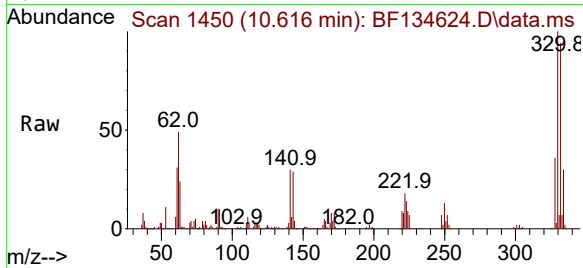




#65
4,6-Dinitro-2-methylphenol
Concen: 8.856 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

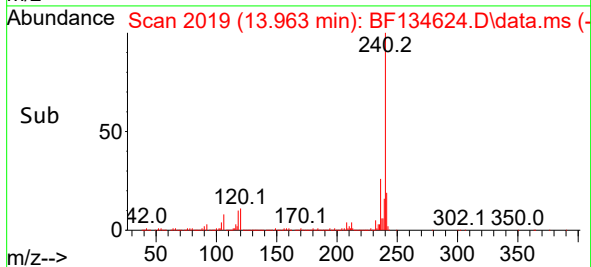
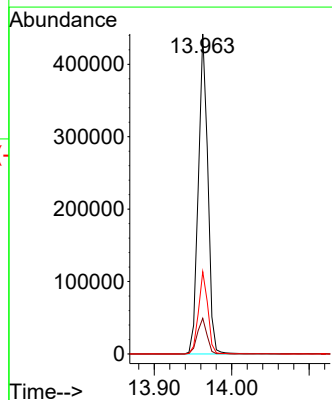
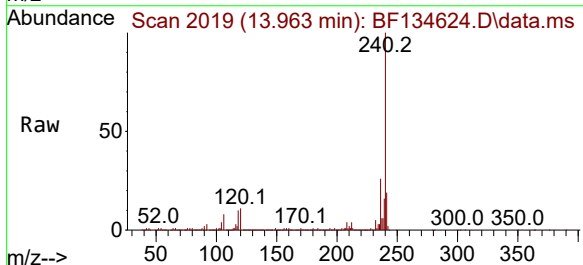
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

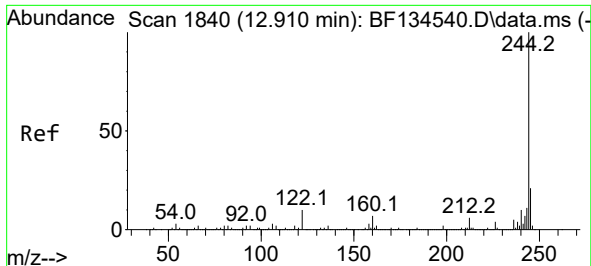
Tgt Ion:198 Resp: 496
Ion Ratio Lower Upper
198 100
51 129.2 38.6 78.6#
105 136.1 27.9 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

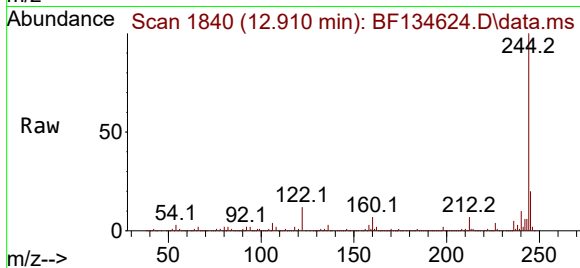
Tgt Ion:240 Resp: 375399
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.7 20.2 30.2



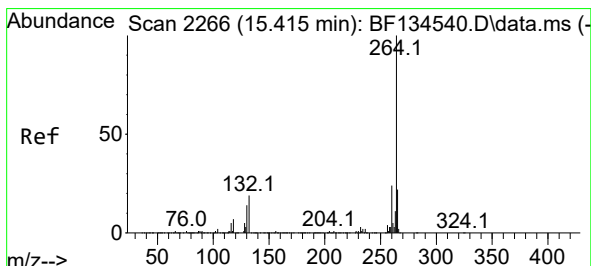
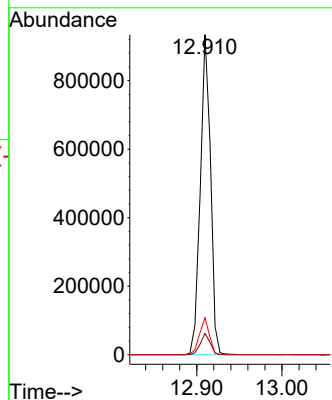
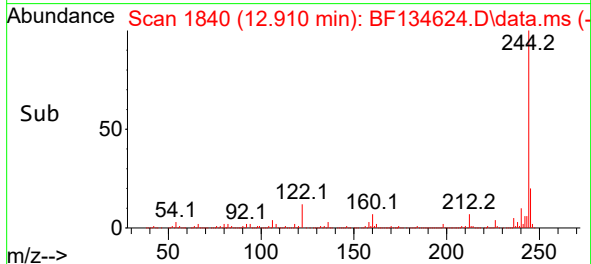


#79
 Terphenyl-d14
 Concen: 36.562 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134624.D
 Acq: 04 Aug 2023 10:39

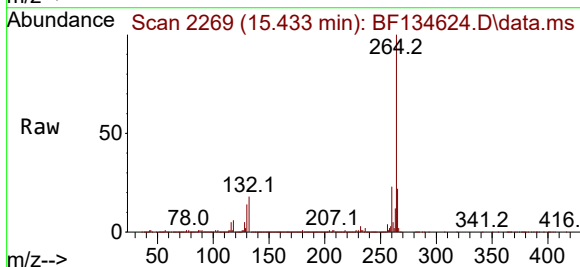
Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9



Tgt Ion:244 Resp: 778578
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 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: BF134624.D
 Acq: 04 Aug 2023 10:39



Tgt Ion:264 Resp: 461452
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 22.0 15.8 23.8

