

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134627.D
 Acq On : 04 Aug 2023 12:14
 Operator : CG\JU
 Sample : 03756-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-13-CS-13

Quant Time: Aug 05 00:05:15 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)

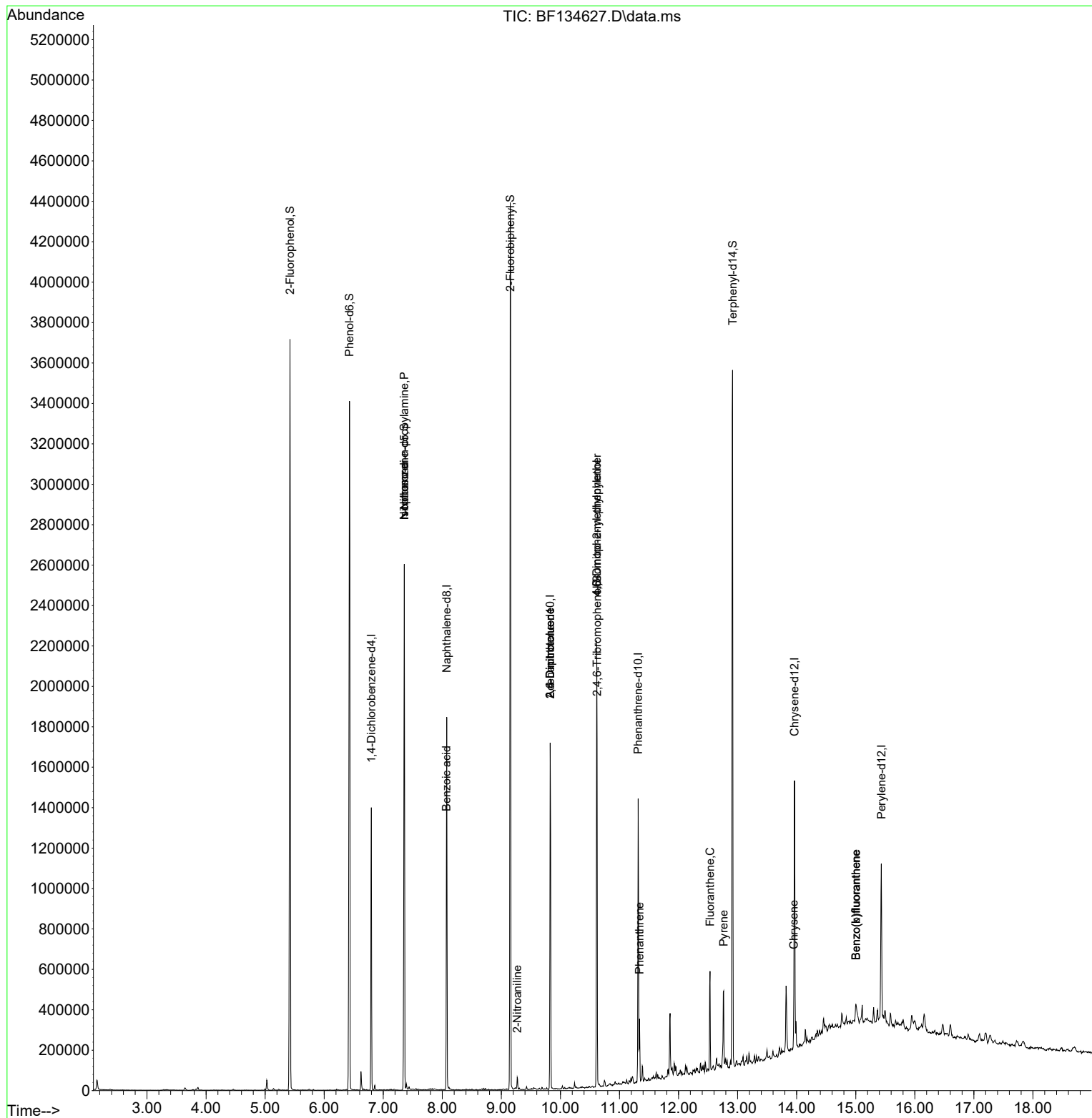
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	186332	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	710357	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	321525	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	464272	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	408419	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	355475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1037791	84.663	ng	0.00
7) Phenol-d6	6.428	99	1356208	86.552	ng	-0.01
23) Nitrobenzene-d5	7.357	82	793063	69.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	269147	82.116	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1395140	72.147	ng	-0.01
79) Terphenyl-d14	12.916	244	1270624	54.844	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.345	77	96	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.357	70	105633	11.260	ng	# 74
25) Isophorone	7.357	82	788044	31.785	ng	# 65
32) Benzoic acid	8.069	122	125	7.882	ng	# 1
48) 2-Nitroaniline	9.269	65	769	3.289	ng	# 18
51) 2,6-Dinitrotoluene	9.828	165	41168	11.188	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	41168	9.991	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	481	8.909	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	16820	3.310	ng	# 1
71) Phenanthrene	11.339	178	102638	4.162	ng	98
75) Fluoranthene	12.533	202	187228	7.188	ng	97
78) Pyrene	12.763	202	161295	4.564	ng	99
83) Chrysene	13.951	228	57968	2.037	ng	99
88) Benzo(b)fluoranthene	15.004	252	63328	2.921	ng	# 84
89) Benzo(k)fluoranthene	15.004	252	63328	2.932	ng	# 85

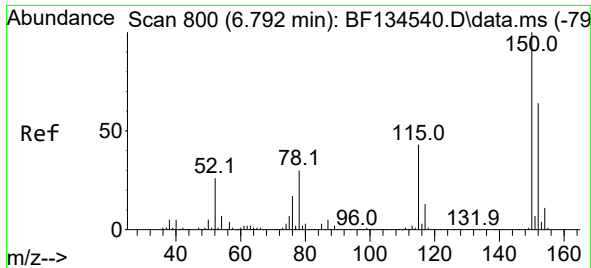
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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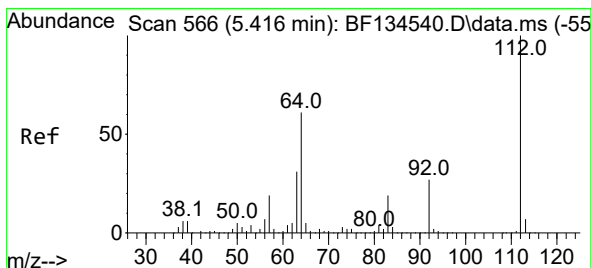
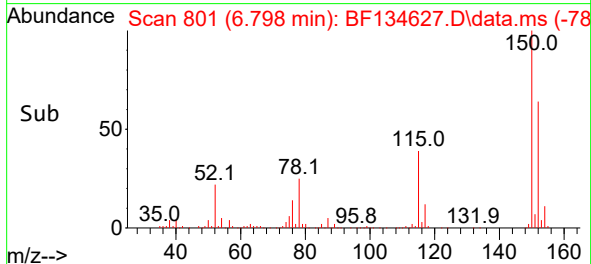
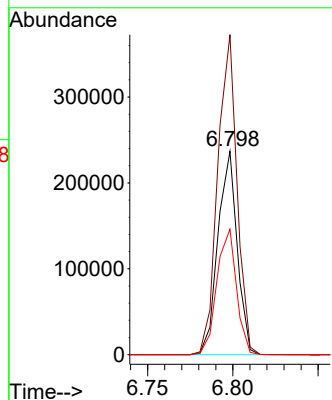
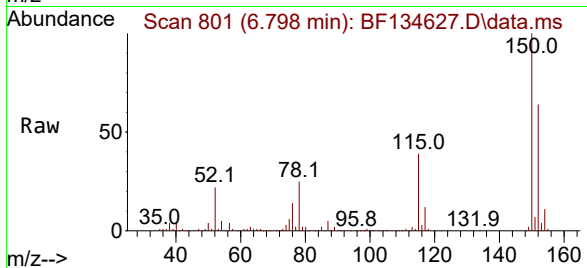




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

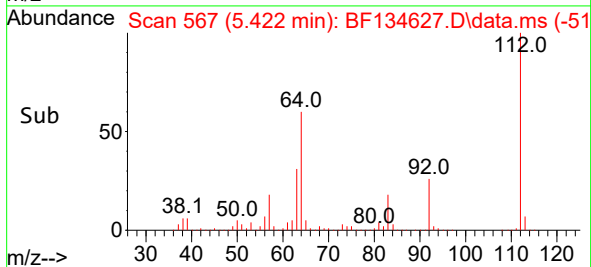
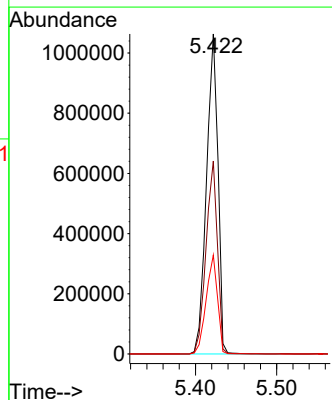
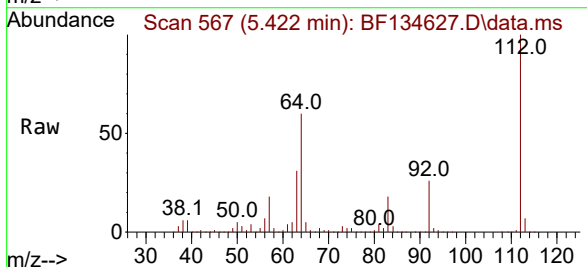
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

Tgt Ion:152 Resp: 186332
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 61.7 52.4 78.6



#5
2-Fluorophenol
Concen: 84.663 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:112 Resp: 1037791
Ion Ratio Lower Upper
112 100
64 60.3 44.9 67.3
63 30.9 25.4 38.0

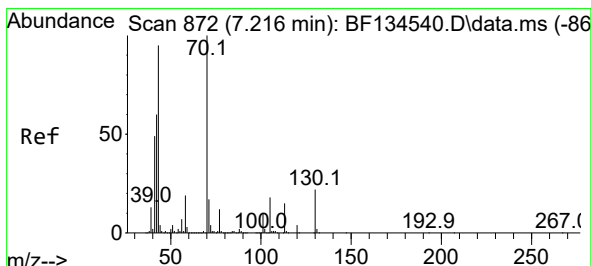
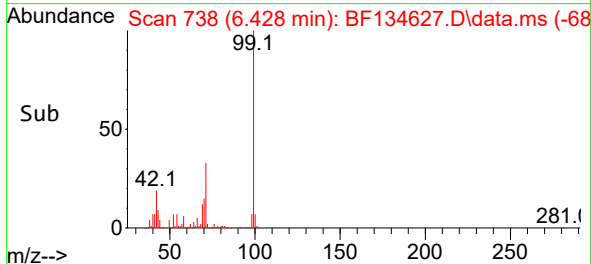
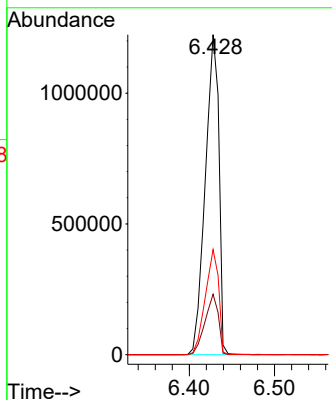
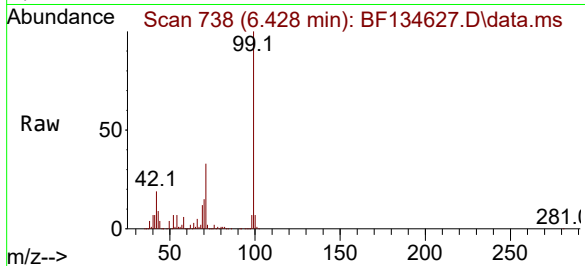




#7
Phenol-d6
Concen: 86.552 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

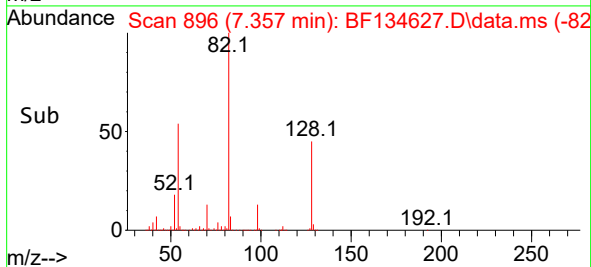
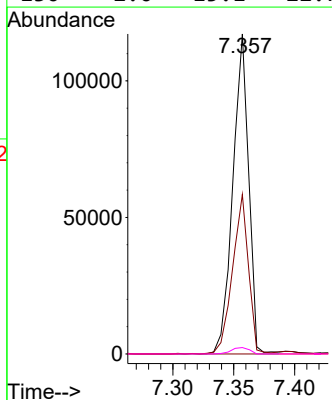
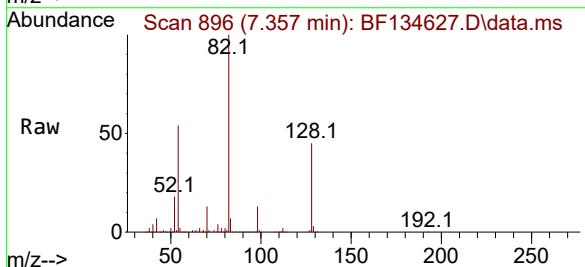
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

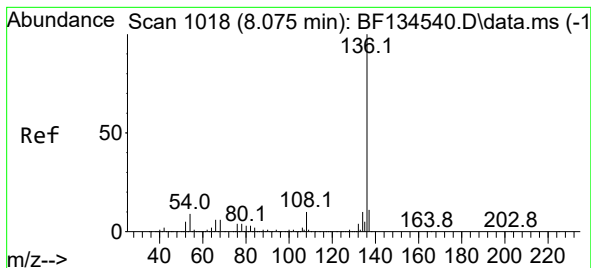
Tgt Ion: 99 Resp: 1356208
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.260 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion: 70 Resp: 105633
Ion Ratio Lower Upper
70 100
42 49.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#

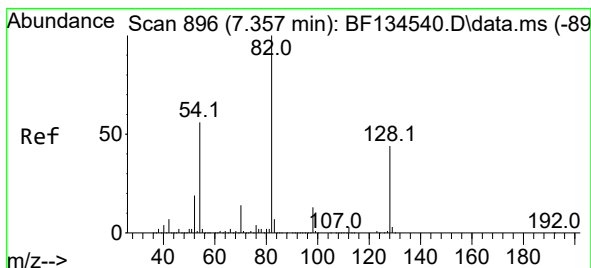
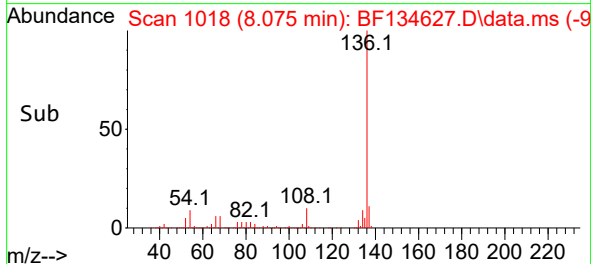
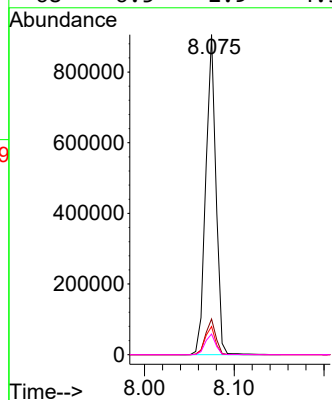
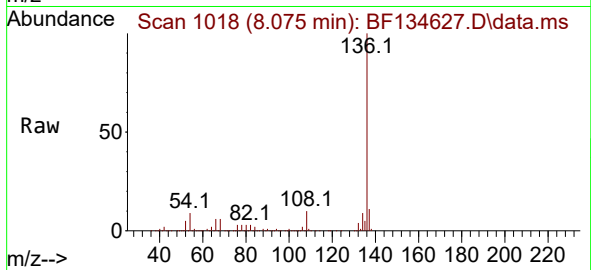




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

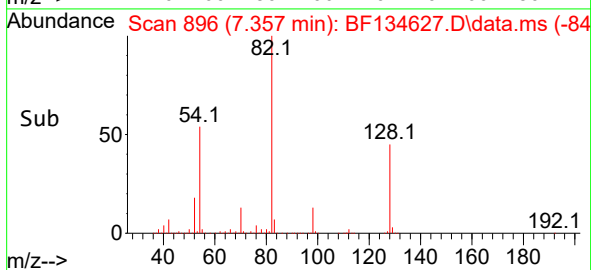
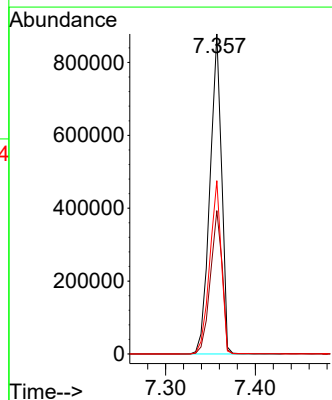
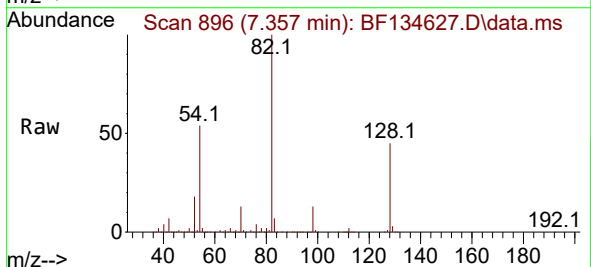
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

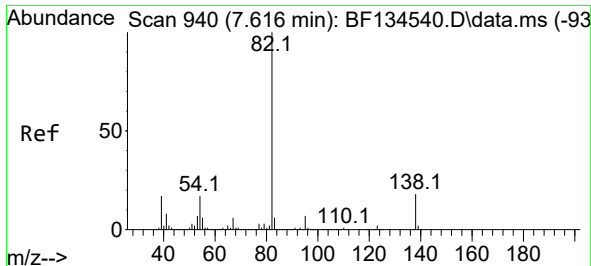
Tgt Ion:136 Resp: 710357
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.8 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 69.769 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion: 82 Resp: 793063
Ion Ratio Lower Upper
82 100
128 44.8 34.3 51.5
54 54.1 43.8 65.6

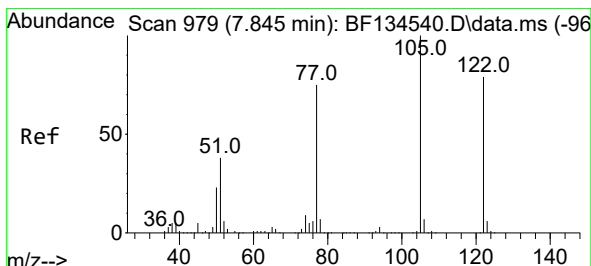
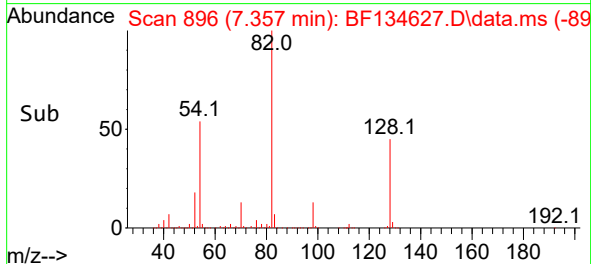
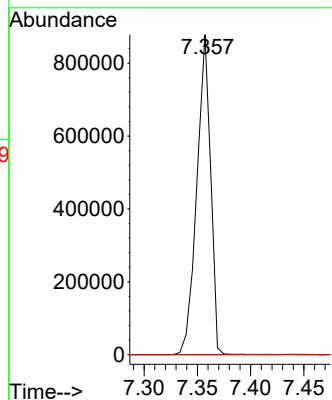
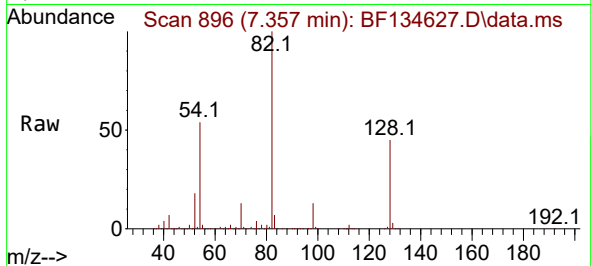




#25
Isophorone
Concen: 31.785 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

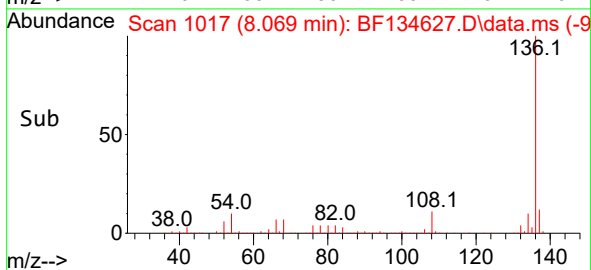
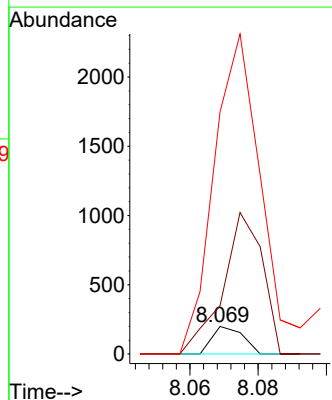
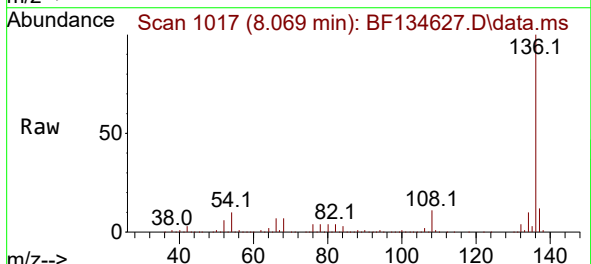
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

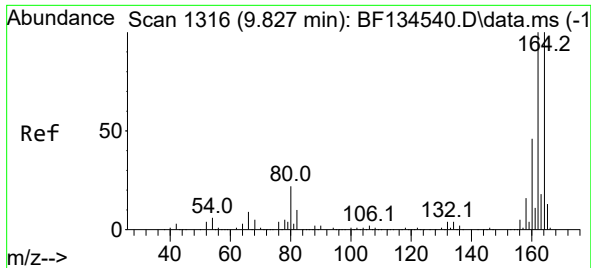
Tgt Ion: 82 Resp: 788044
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.882 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

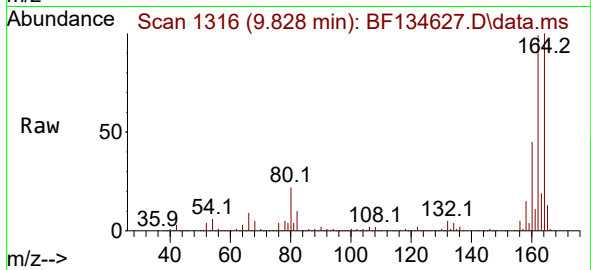
Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 175.4 87.5 127.5#
77 878.4 71.4 111.4#



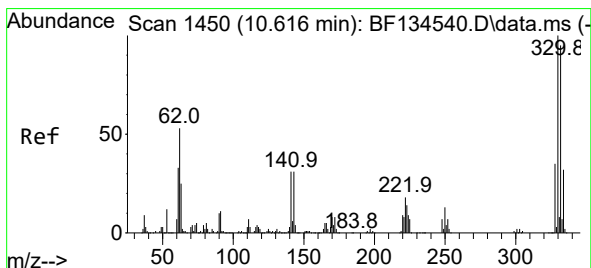
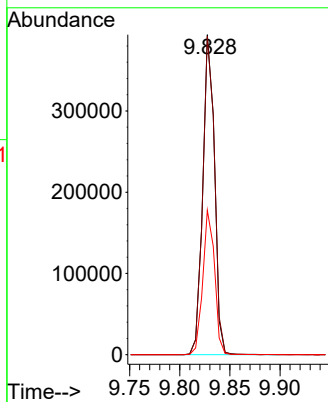
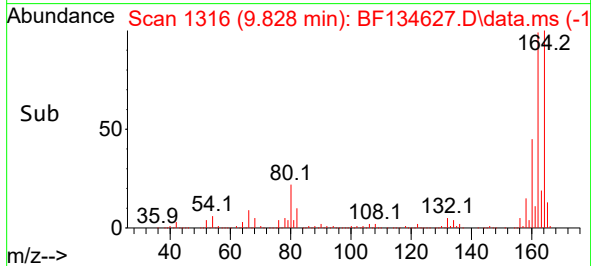


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

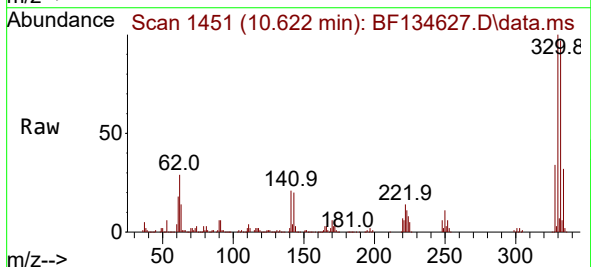
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ClientSampleId :
RPTP-13-CS-13



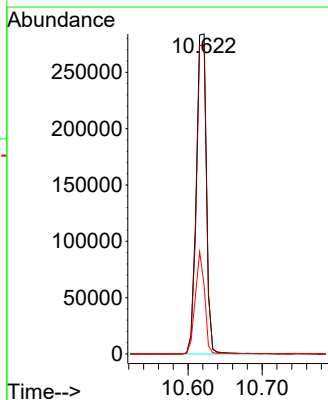
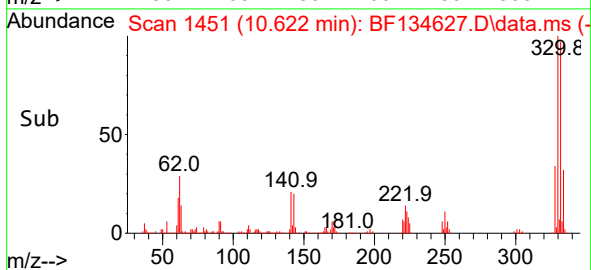
Tgt Ion:164 Resp: 321525
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 45.2 37.2 55.8

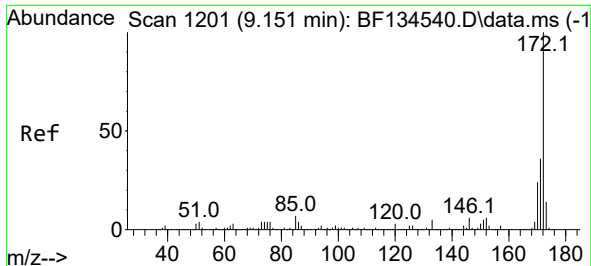


#42
2,4,6-Tribromophenol
Concen: 82.116 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14



Tgt Ion:330 Resp: 269147
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 72.147 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13

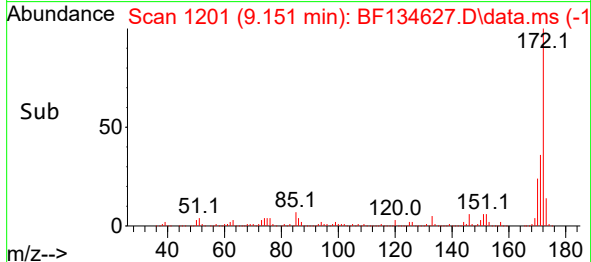
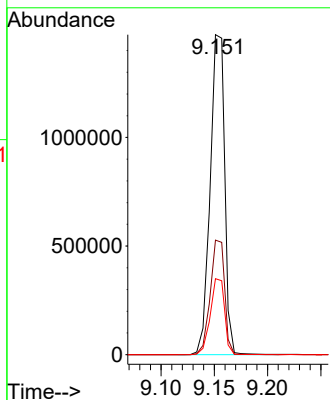
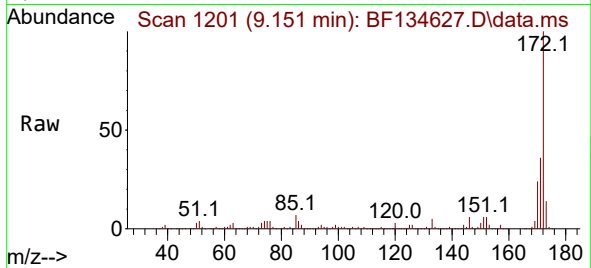
Tgt Ion:172 Resp: 1395140

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.289 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

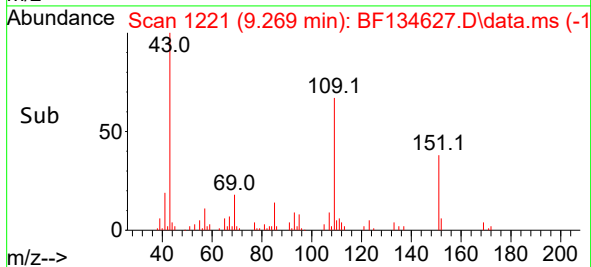
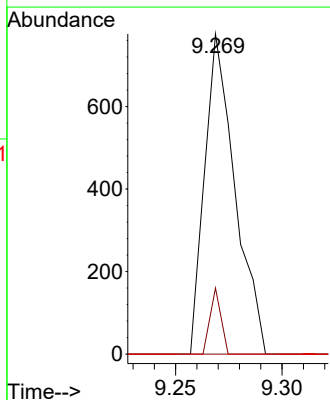
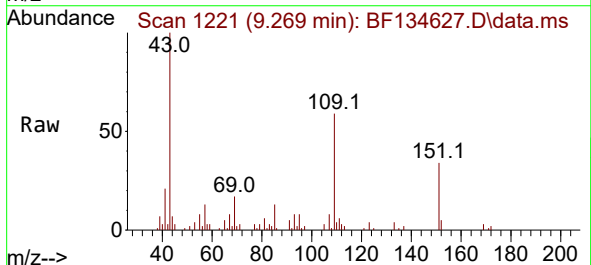
Tgt Ion: 65 Resp: 769

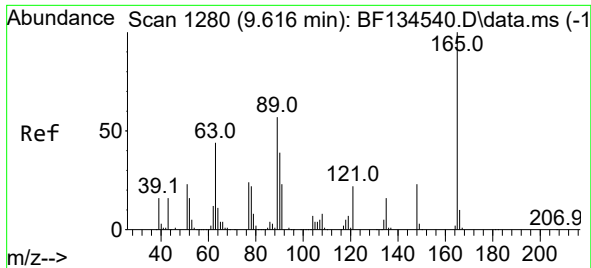
Ion Ratio Lower Upper

65 100

92 20.6 50.7 76.1#

138 0.0 78.2 117.4#

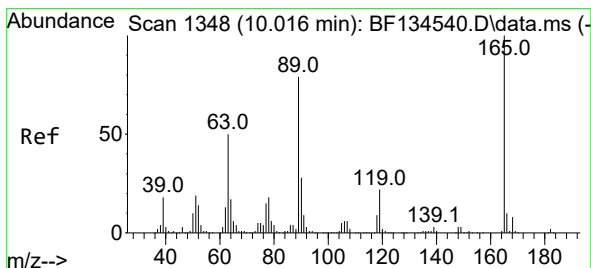
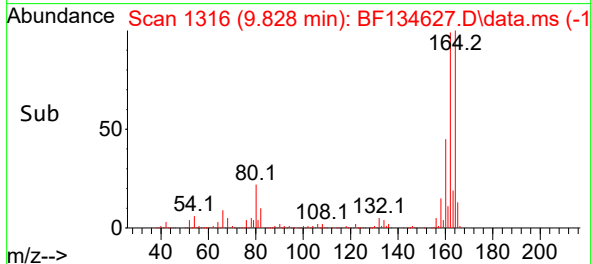
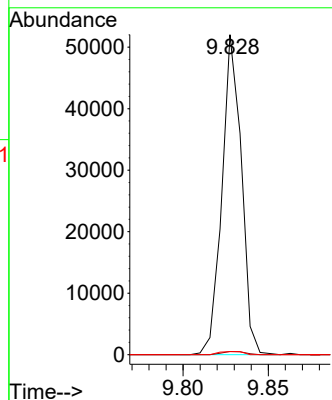
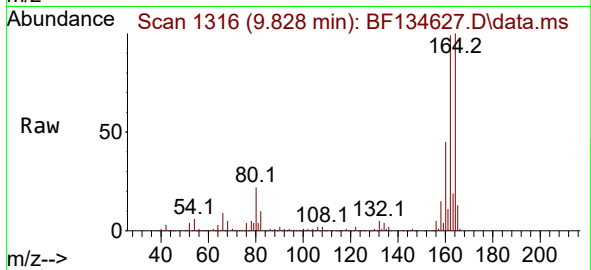




#51
2,6-Dinitrotoluene
Concen: 11.188 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

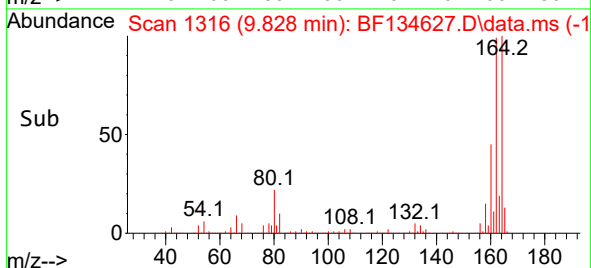
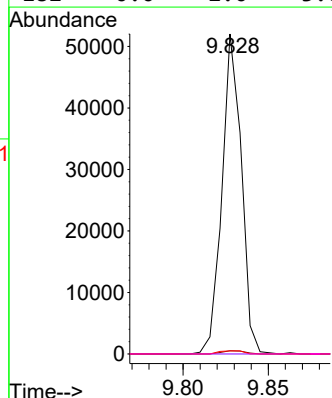
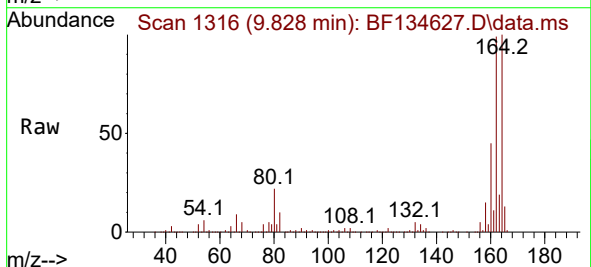
Instrument :
BNA_F
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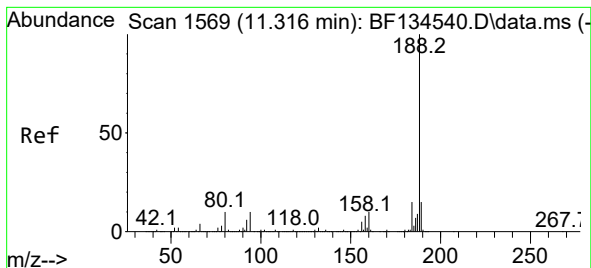
Tgt Ion:165 Resp: 41168
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 0.9 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 9.991 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:165 Resp: 41168
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 0.9 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13

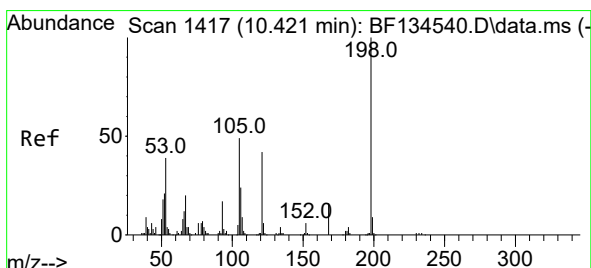
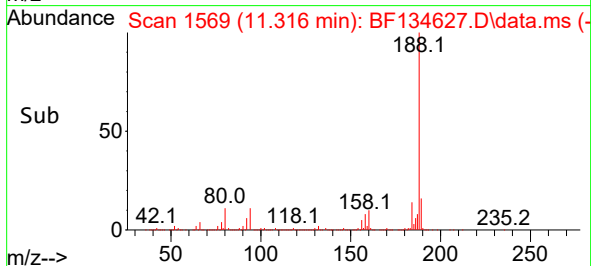
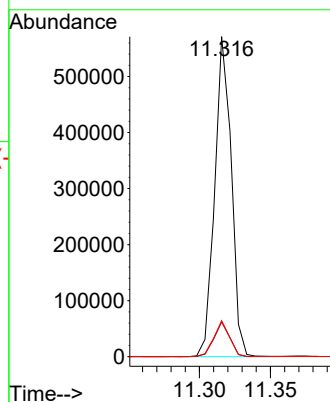
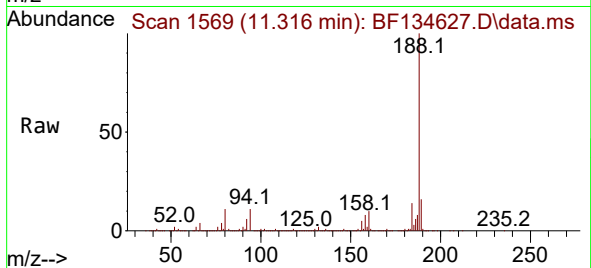
Tgt Ion:188 Resp: 464272

Ion Ratio Lower Upper

188 100

94 10.9 5.1 7.7#

80 11.2 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.909 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.176 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

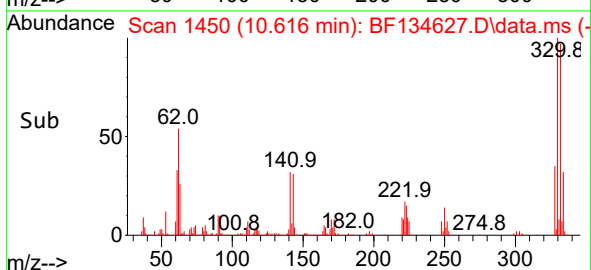
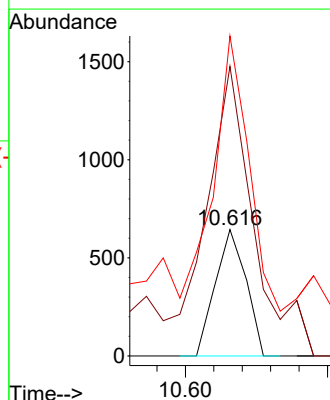
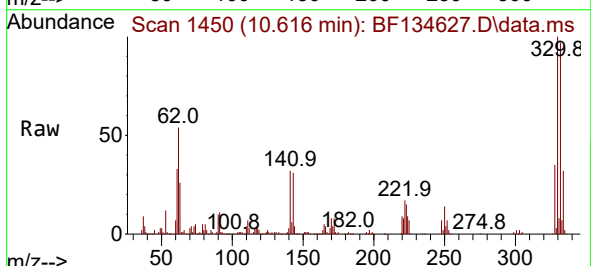
Tgt Ion:198 Resp: 481

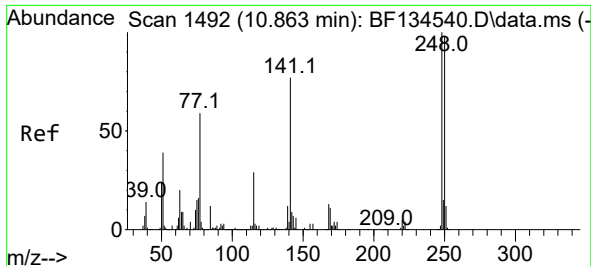
Ion Ratio Lower Upper

198 100

51 229.2 38.6 78.6#

105 253.3 27.9 67.9#

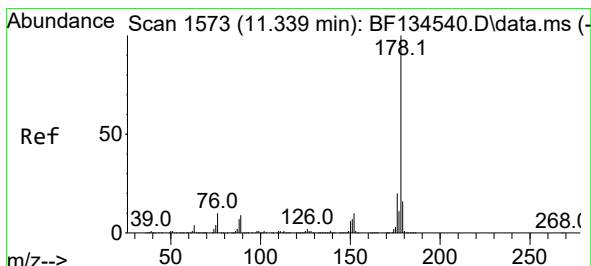
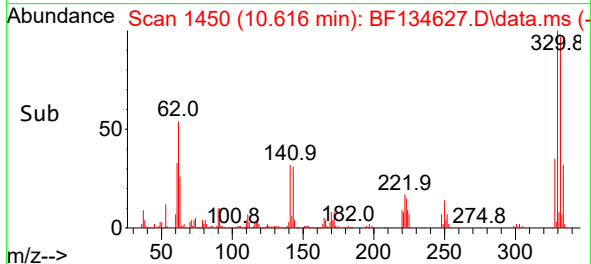
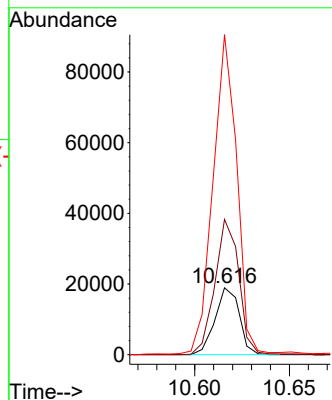
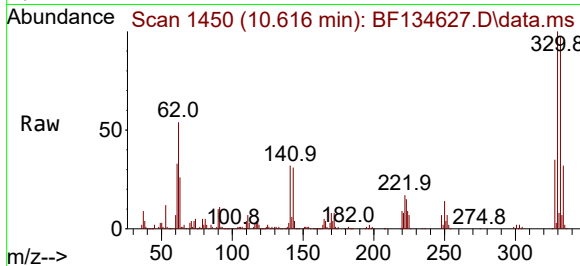




#67
4-Bromophenyl-phenylether
Concen: 3.310 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

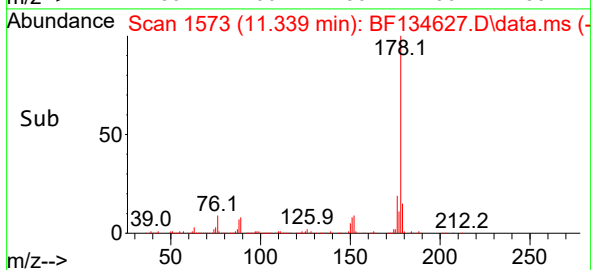
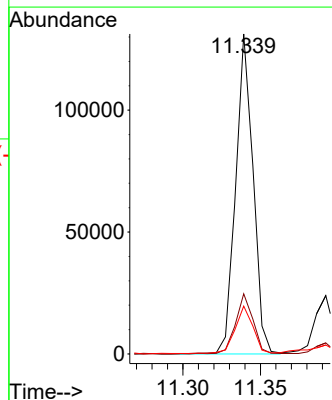
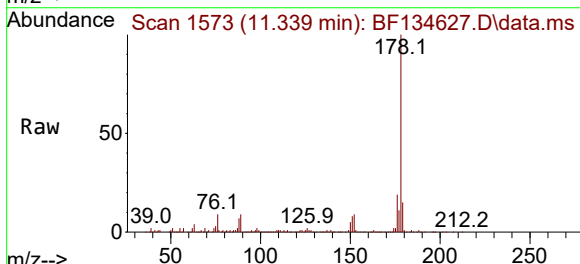
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

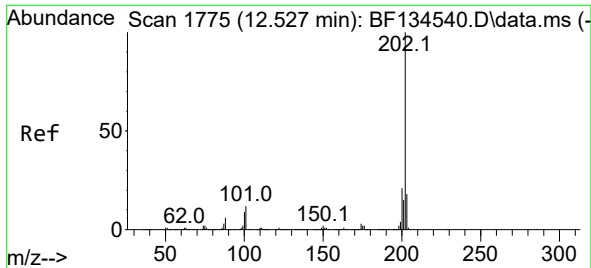
Tgt Ion:248 Resp: 16820
Ion Ratio Lower Upper
248 100
250 202.5 79.6 119.4#
141 478.8 59.6 89.4#



#71
Phenanthrene
Concen: 4.162 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:178 Resp: 102638
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.0 12.7 19.1

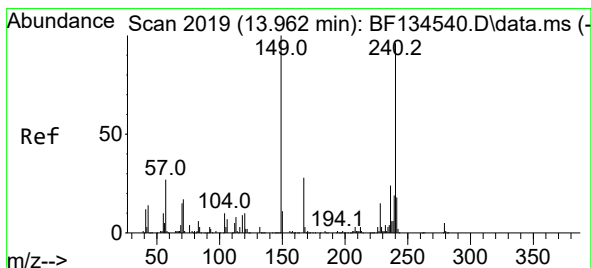
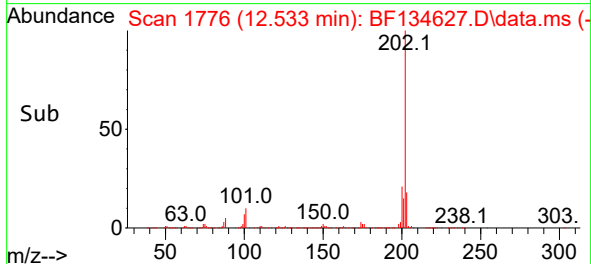
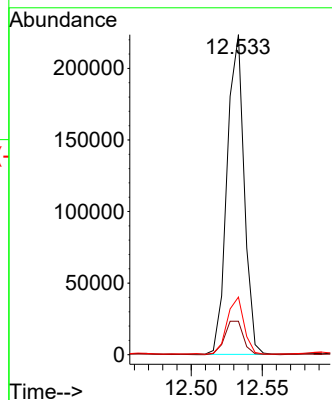
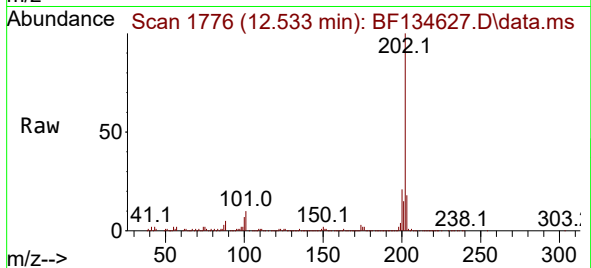




#75
Fluoranthene
Concen: 7.188 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

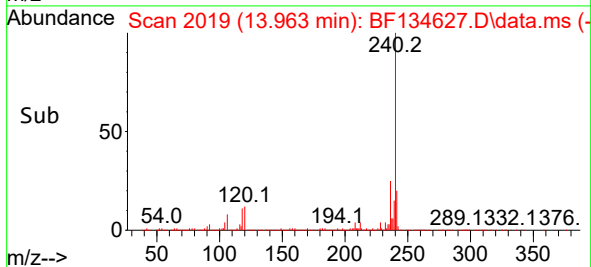
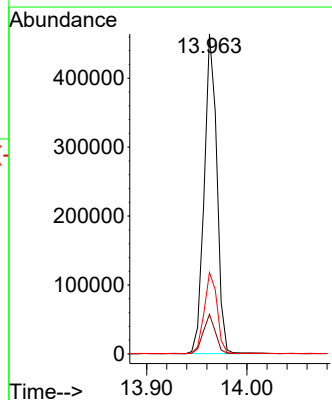
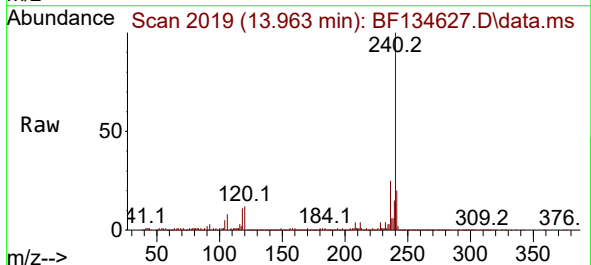
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

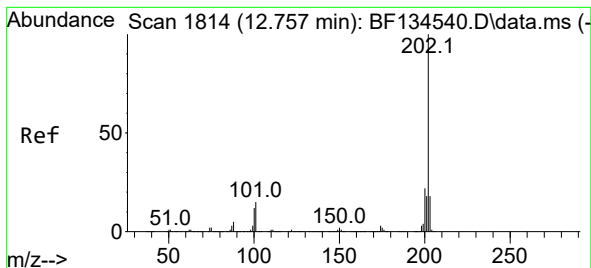
Tgt Ion:202 Resp: 187228
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:240 Resp: 408419
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 25.5 20.2 30.2





#78

Pyrene

Concen: 4.564 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

Instrument :

BNA_F

ClientSampleId :

RPTP-13-CS-13

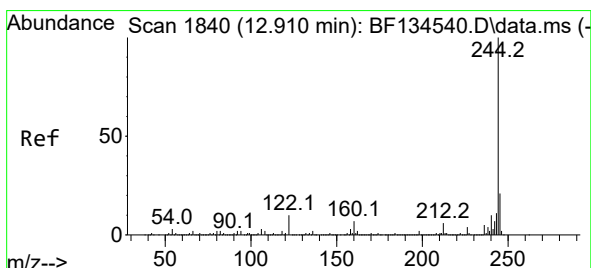
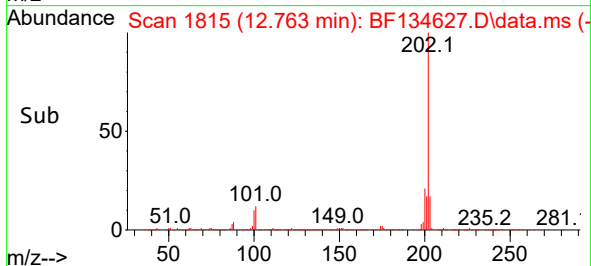
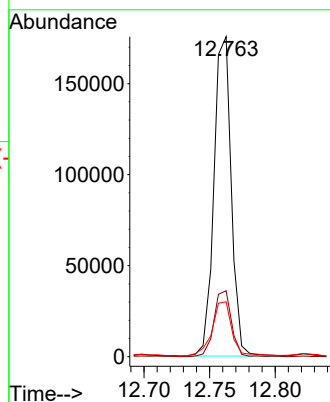
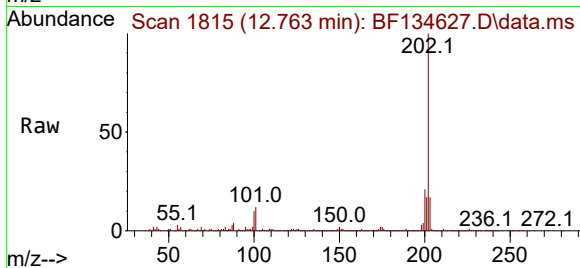
Tgt Ion:202 Resp: 161295

Ion Ratio Lower Upper

202 100

200 20.6 15.8 23.8

203 17.2 13.5 20.3



#79

Terphenyl-d14

Concen: 54.844 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134627.D

Acq: 04 Aug 2023 12:14

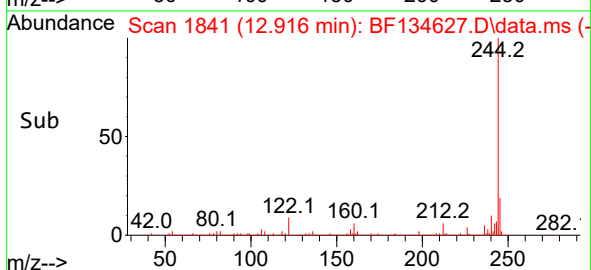
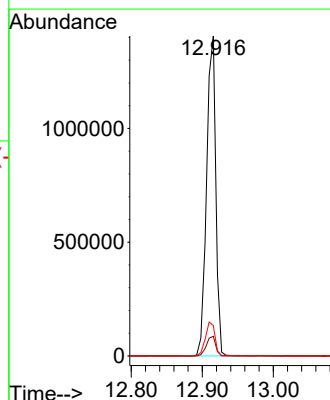
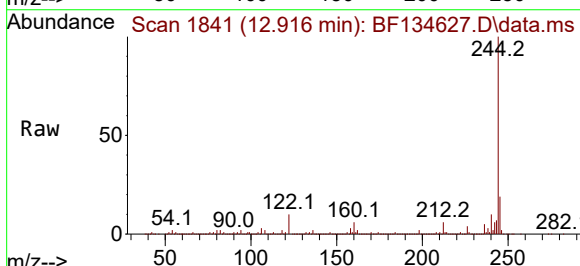
Tgt Ion:244 Resp: 1270624

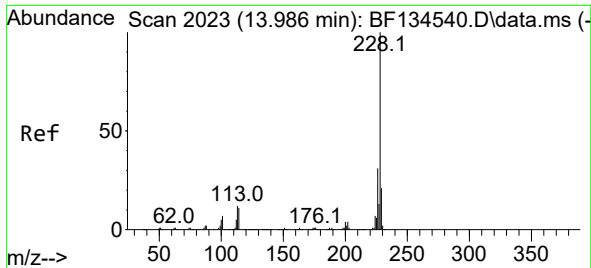
Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 9.5 8.0 12.0

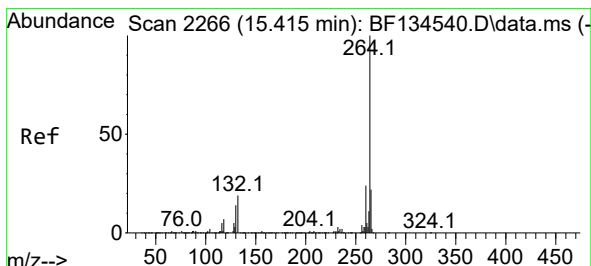
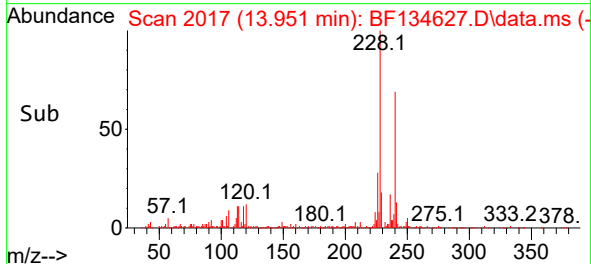
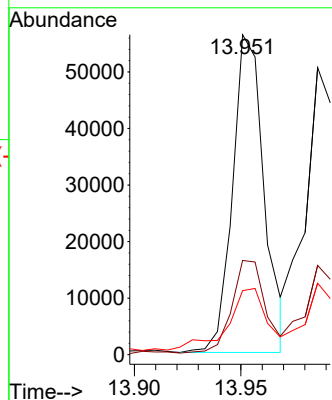
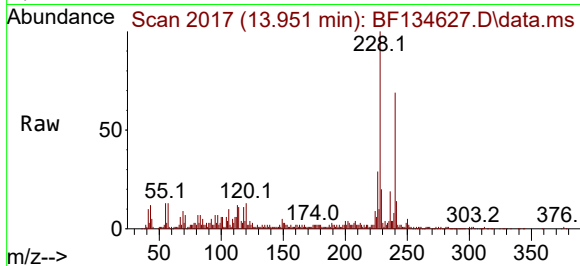




#83
Chrysene
Concen: 2.037 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.047 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

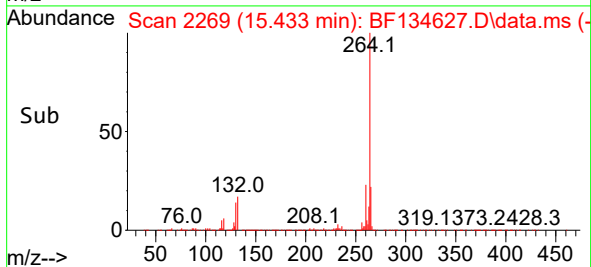
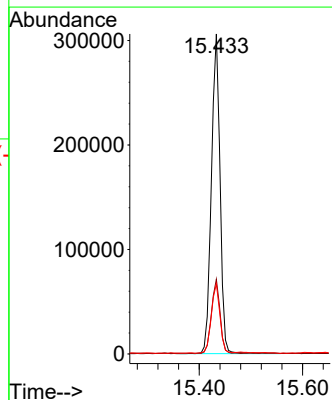
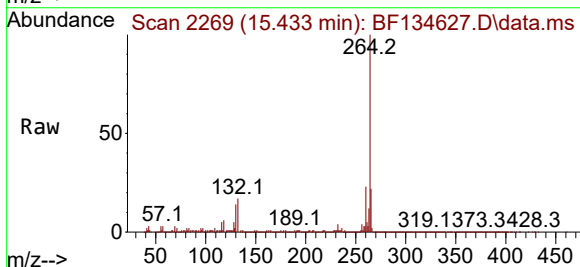
Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

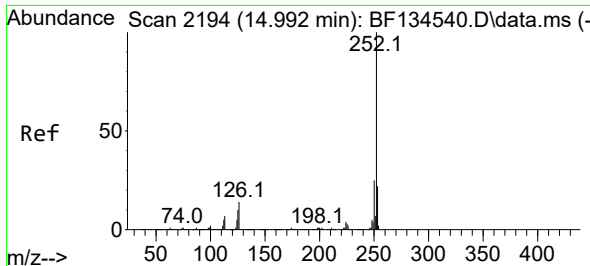
Tgt Ion:228 Resp: 57968
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 20.0 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:264 Resp: 355475
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.9 15.8 23.8

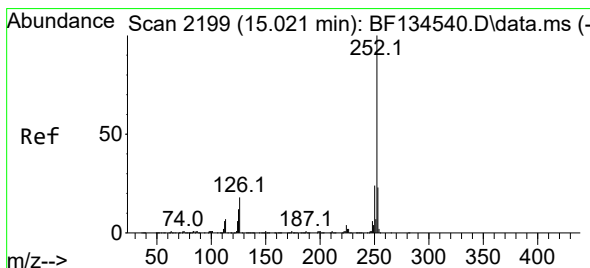
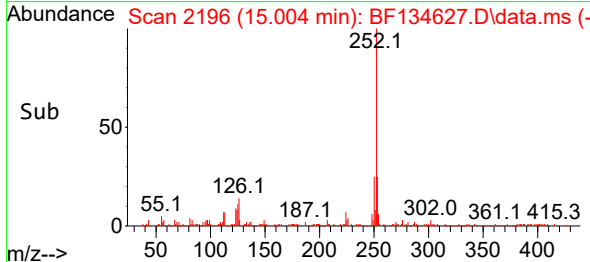
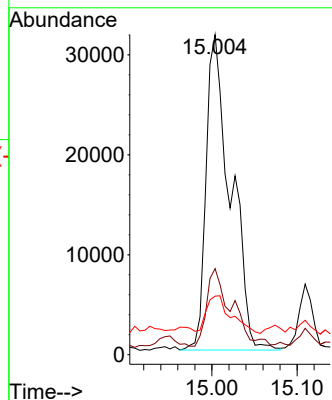
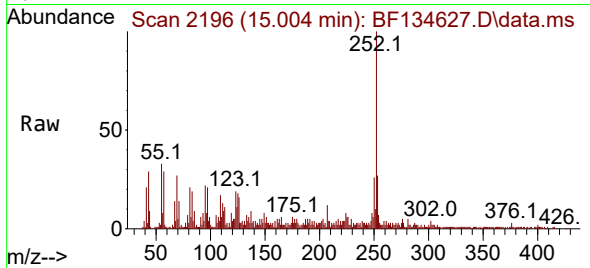




#88
Benzo(b)fluoranthene
Concen: 2.921 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Instrument :
BNA_F
ClientSampleId :
RPTP-13-CS-13

Tgt Ion:252 Resp: 63328
Ion Ratio Lower Upper
252 100
253 26.9 17.3 25.9#
125 18.3 6.0 9.0#



#89
Benzo(k)fluoranthene
Concen: 2.932 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.035 min
Lab File: BF134627.D
Acq: 04 Aug 2023 12:14

Tgt Ion:252 Resp: 63328
Ion Ratio Lower Upper
252 100
253 26.9 17.9 26.9#
125 18.3 6.3 9.5#

