

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134626.D
 Acq On : 04 Aug 2023 11:43
 Operator : CG\JU
 Sample : 03756-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-11-CS-11

Quant Time: Aug 05 00:04:59 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

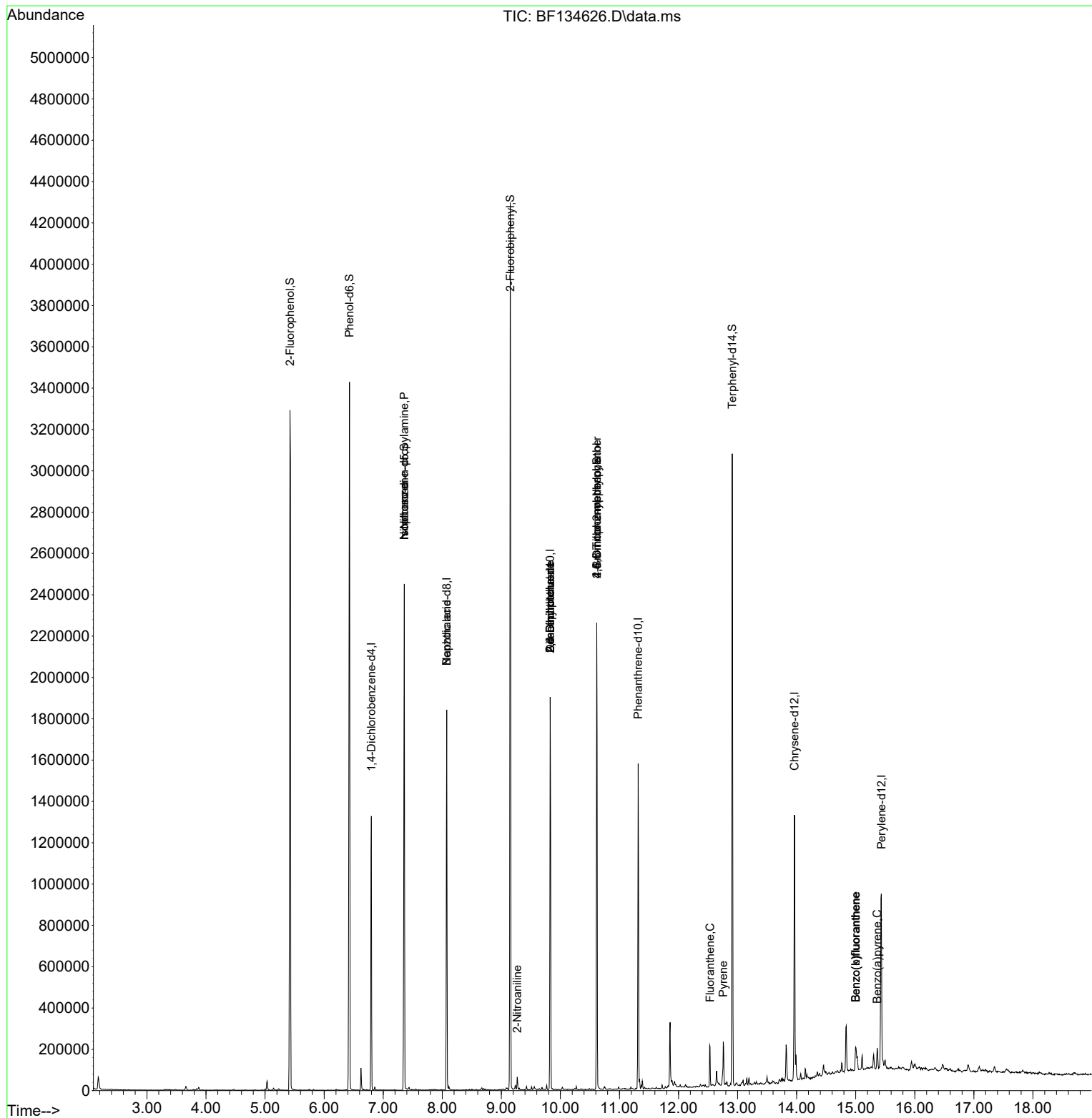
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

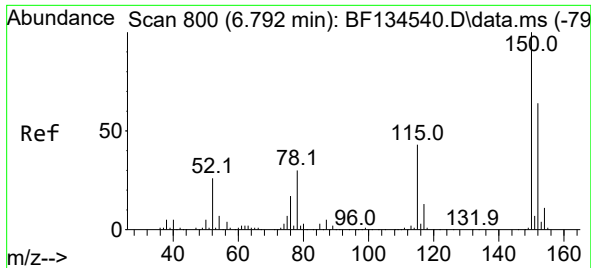
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	184034	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	730466	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	344780	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	530697	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	392837	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	408887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	983238	81.214	ng	0.00
7) Phenol-d6	6.428	99	1226847	79.274	ng	-0.01
23) Nitrobenzene-d5	7.357	82	715451	61.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	268110	76.282	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1292340	62.323	ng	-0.01
79) Terphenyl-d14	12.910	244	1047236	46.995	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	140	Below Cal	#	38
19) n-Nitroso-di-n-propyla...	7.357	70	95816	10.341	ng	# 72
25) Isophorone	7.357	82	710169	27.856	ng	# 65
32) Benzoic acid	8.075	122	171	7.886	ng	# 1
48) 2-Nitroaniline	9.269	65	578	3.252	ng	# 8
50) Dimethylphthalate	9.828	163	72896	3.102	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	44489	11.255	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	44489	10.047	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	631	8.940	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	17131	2.949	ng	# 1
75) Fluoranthene	12.533	202	79680	2.676	ng	97
78) Pyrene	12.757	202	84553	2.487	ng	98
88) Benzo(b)fluoranthene	14.998	252	88270	3.540	ng	# 94
89) Benzo(k)fluoranthene	14.998	252	88270	3.553	ng	# 95
90) Benzo(a)pyrene	15.363	252	48151	2.071	ng	# 93

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

BNA_F
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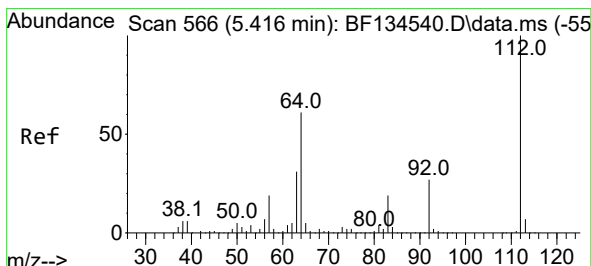
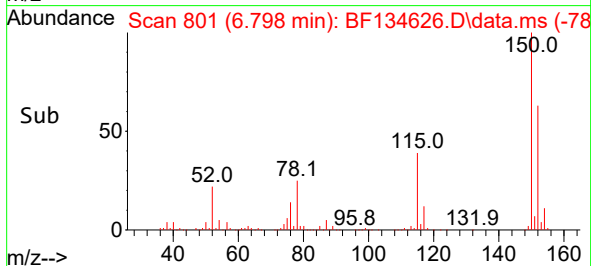
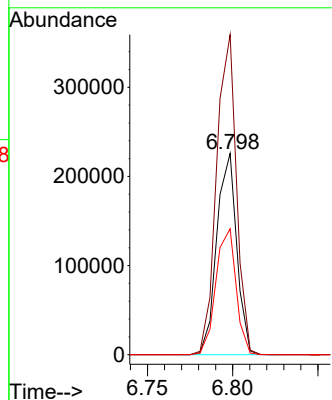
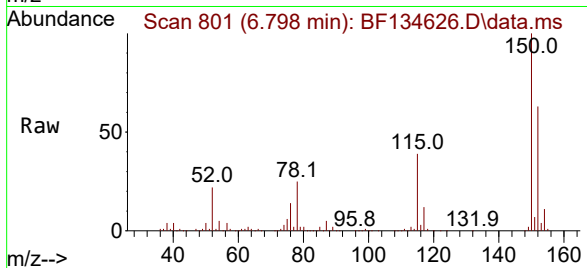




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

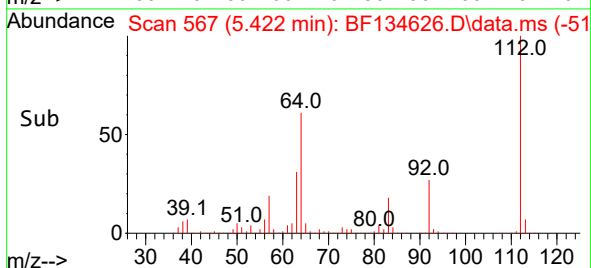
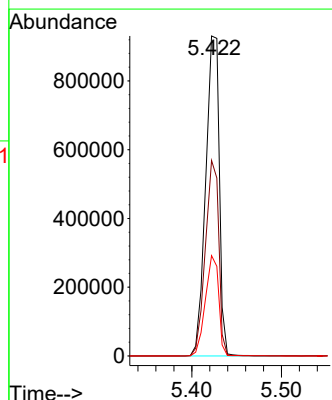
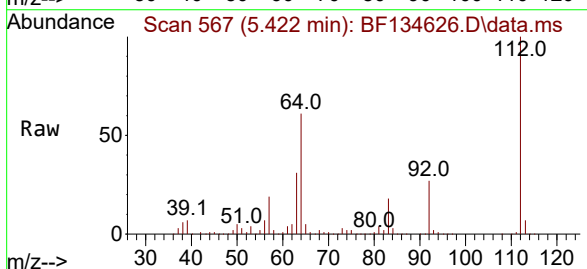
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

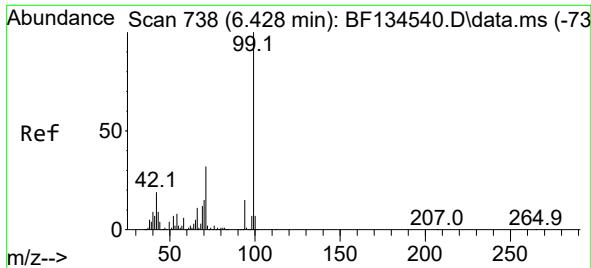
Tgt Ion:152 Resp: 184034
Ion Ratio Lower Upper
152 100
150 159.0 128.3 192.5
115 62.6 52.4 78.6



#5
2-Fluorophenol
Concen: 81.214 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion:112 Resp: 983238
Ion Ratio Lower Upper
112 100
64 61.1 44.9 67.3
63 31.4 25.4 38.0

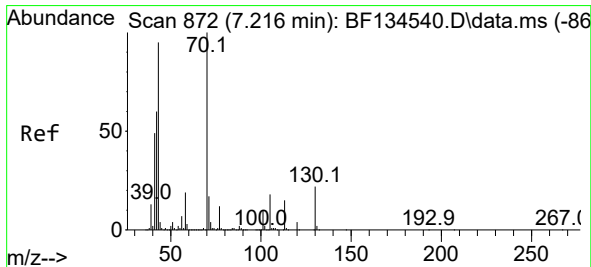
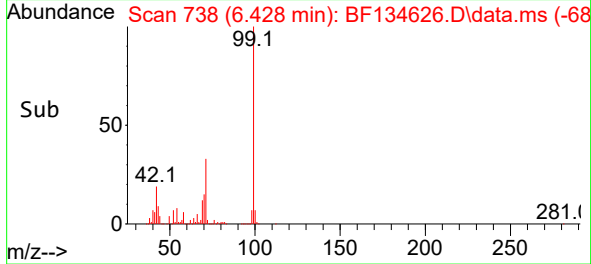
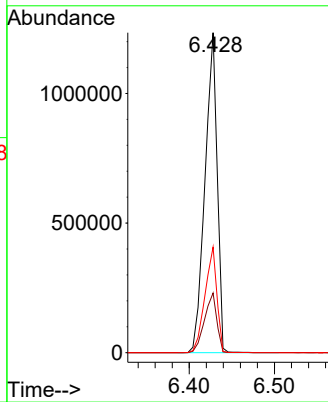
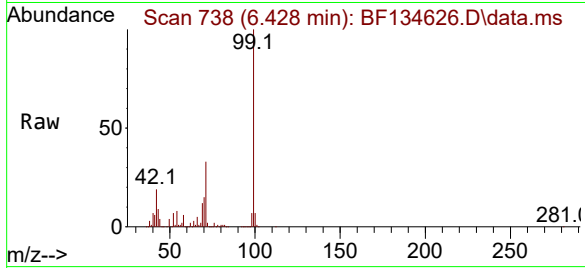




#7
Phenol-d6
Concen: 79.274 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

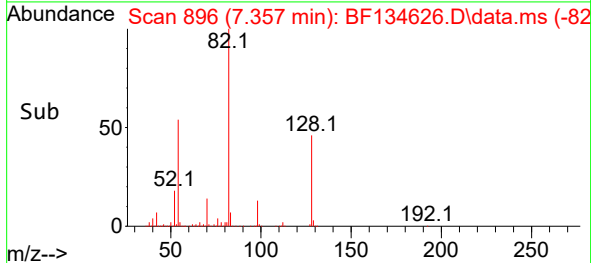
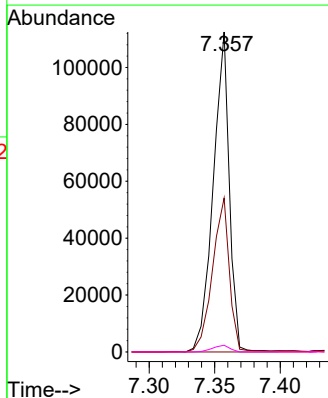
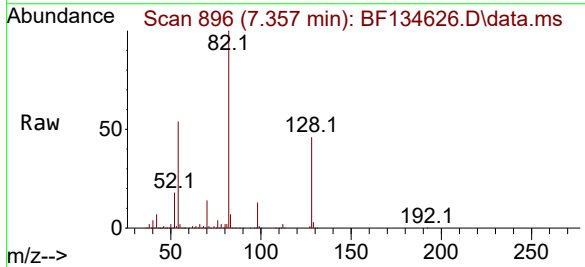
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

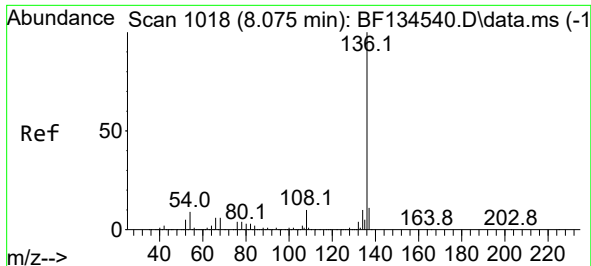
Tgt Ion: 99 Resp: 1226847
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.341 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion: 70 Resp: 95816
Ion Ratio Lower Upper
70 100
42 48.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

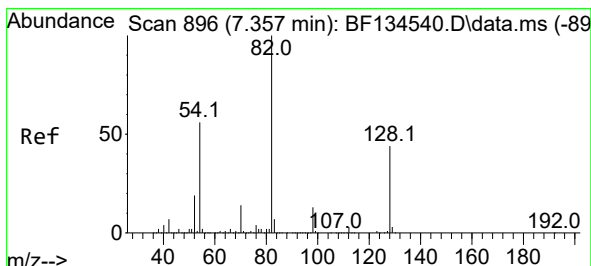
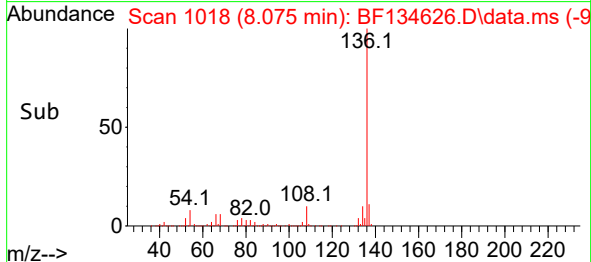
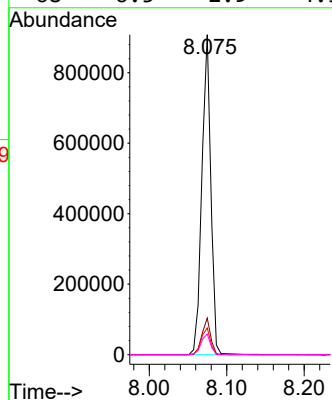
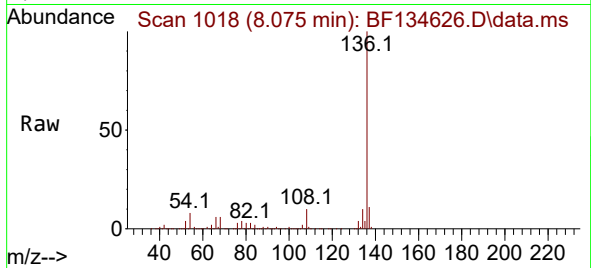




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

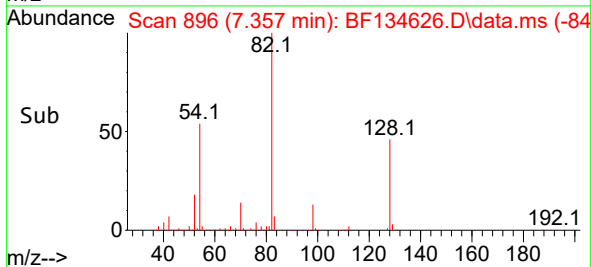
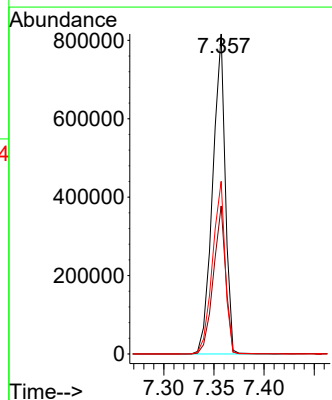
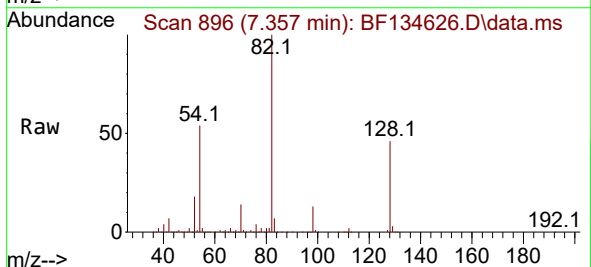
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

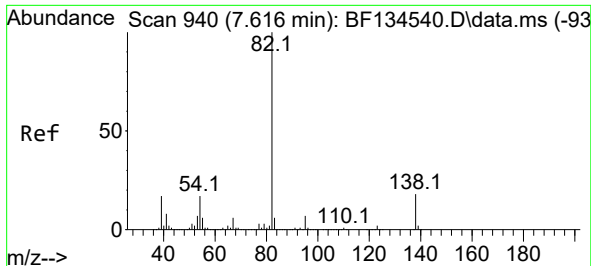
Tgt Ion:136 Resp: 730466
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 61.208 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion: 82 Resp: 715451
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 54.0 43.8 65.6

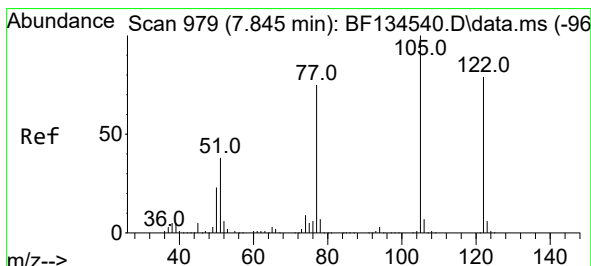
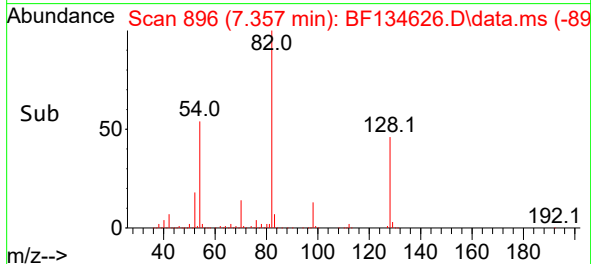
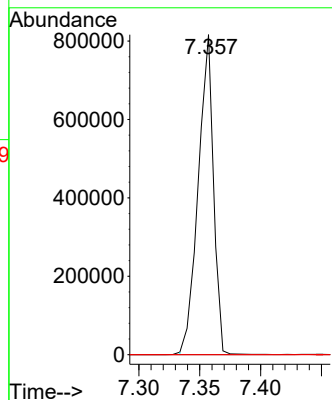
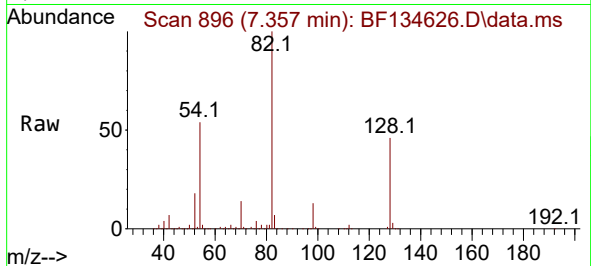




#25
Isophorone
Concen: 27.856 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

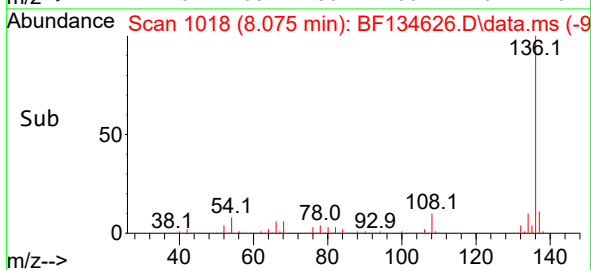
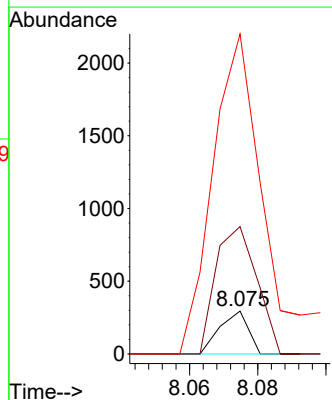
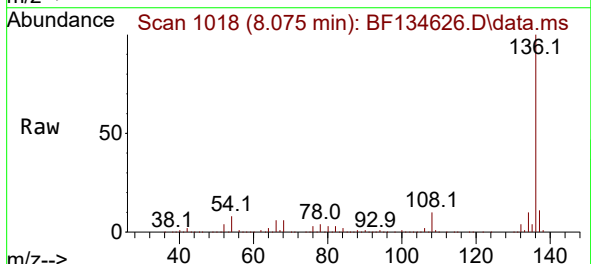
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

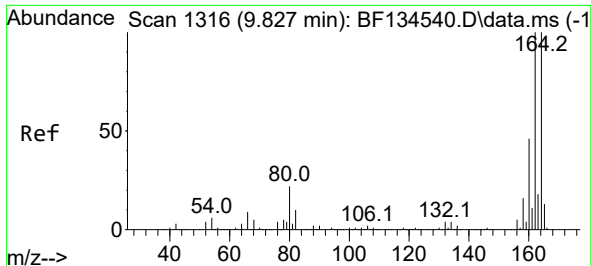
Tgt Ion: 82 Resp: 710169
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.886 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion: 122 Resp: 171
Ion Ratio Lower Upper
122 100
105 296.9 87.5 127.5#
77 745.8 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

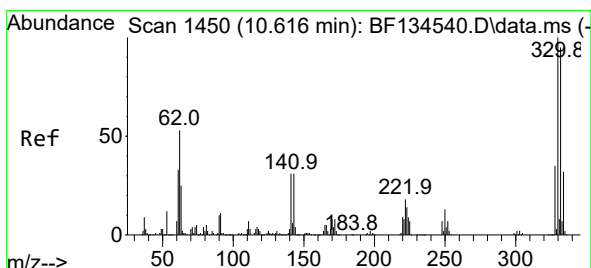
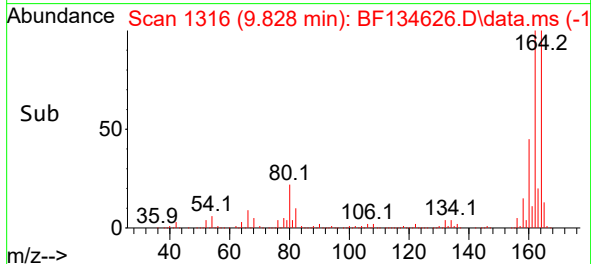
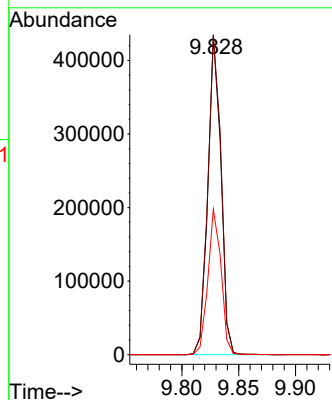
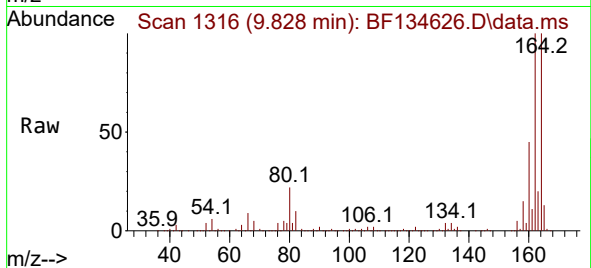
Tgt Ion:164 Resp: 344780

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

160 45.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 76.282 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

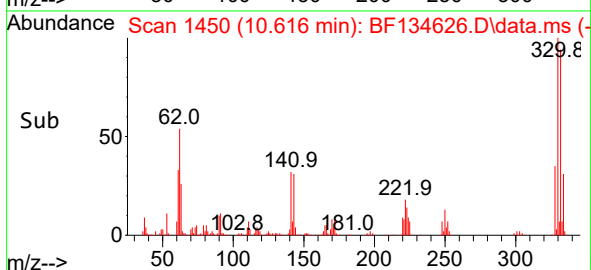
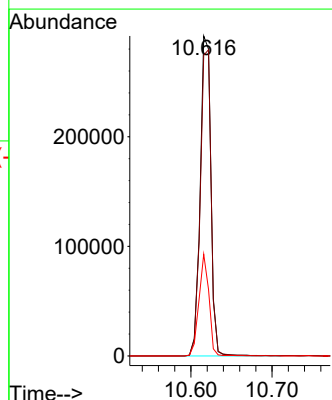
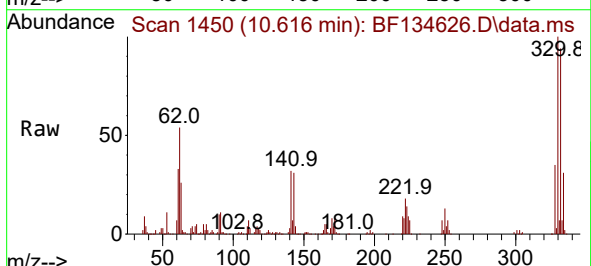
Tgt Ion:330 Resp: 268110

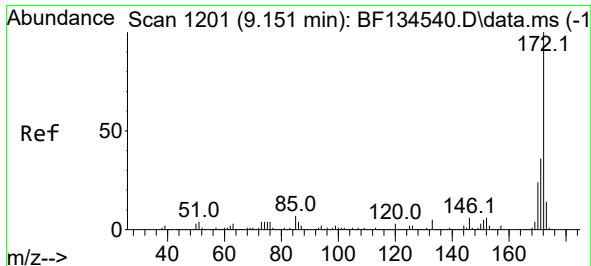
Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 62.323 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134626.D

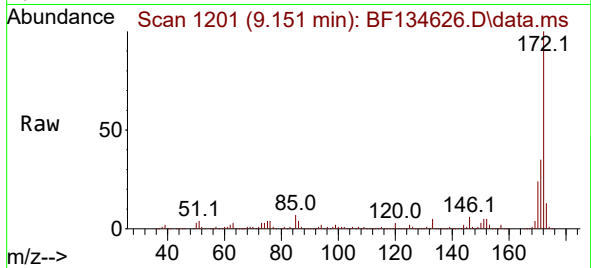
Acq: 04 Aug 2023 11:43

Instrument :

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ClientSampleId :

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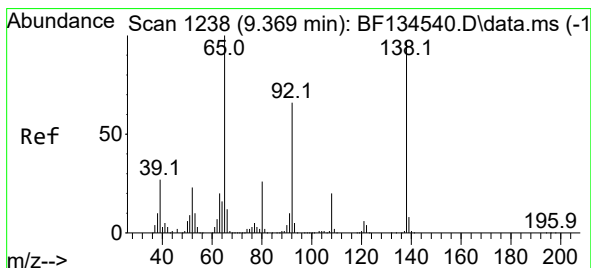
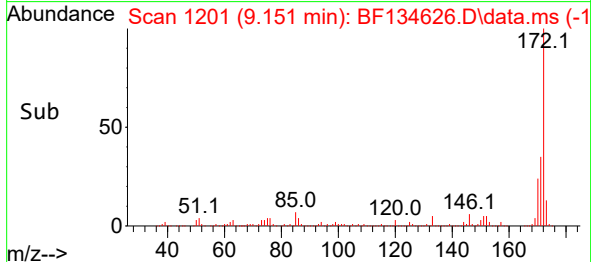
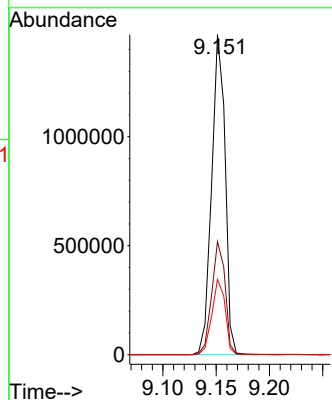
Tgt Ion:172 Resp: 1292340

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.252 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

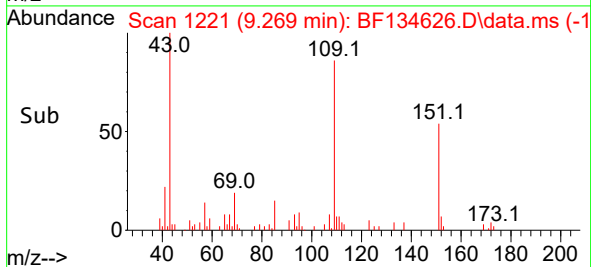
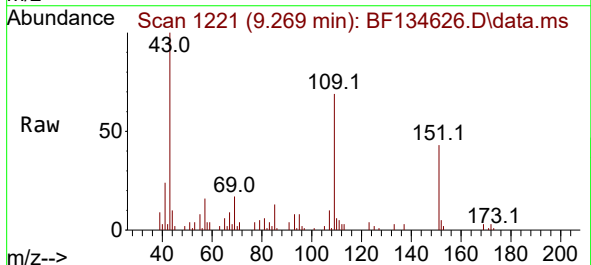
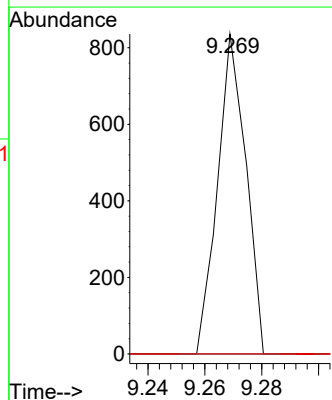
Tgt Ion: 65 Resp: 578

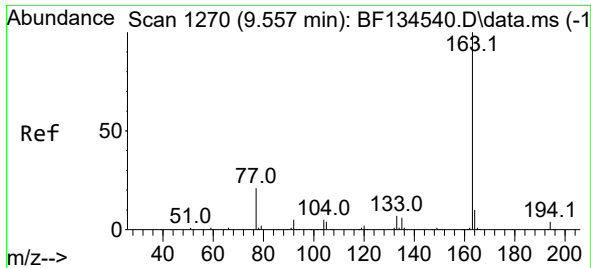
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

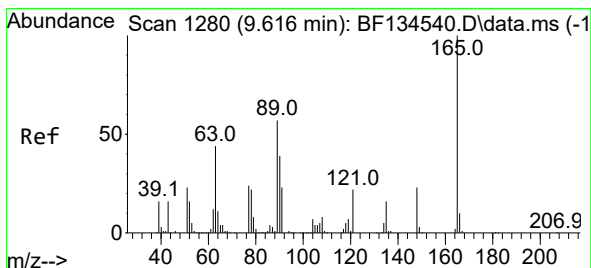
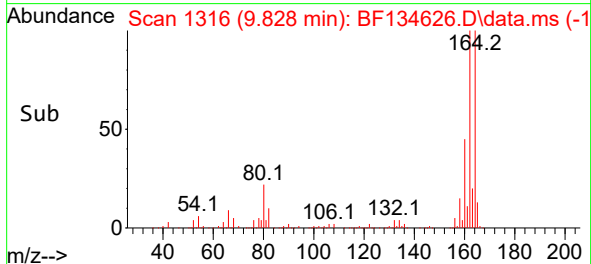
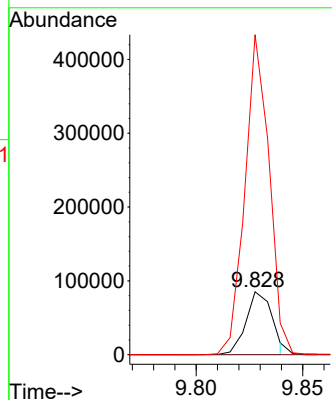
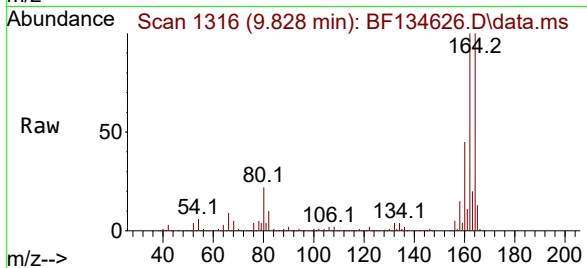




#50
Dimethylphthalate
Concen: 3.102 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

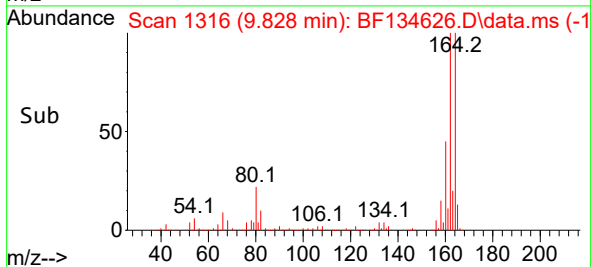
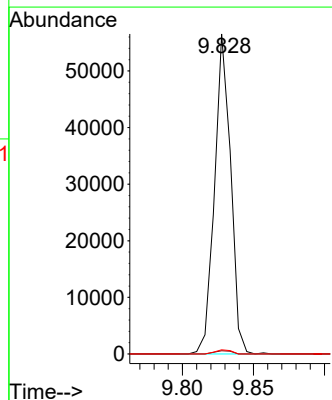
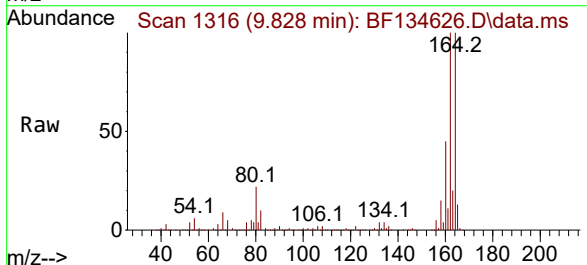
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

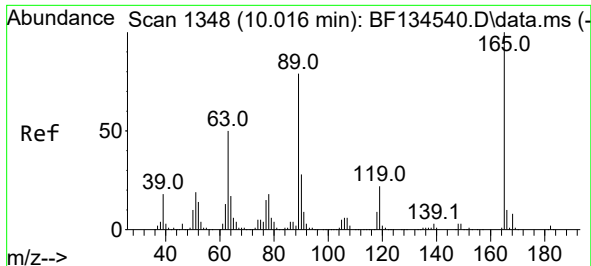
Tgt Ion:163 Resp: 72896
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 509.3 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.255 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

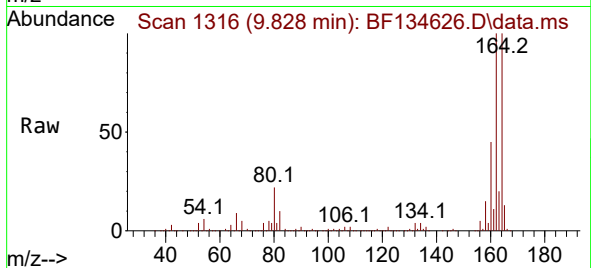
Tgt Ion:165 Resp: 44489
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.3 51.8 77.8#



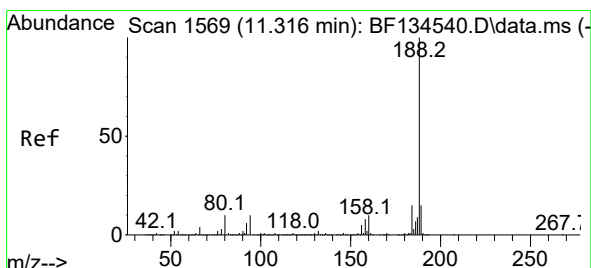
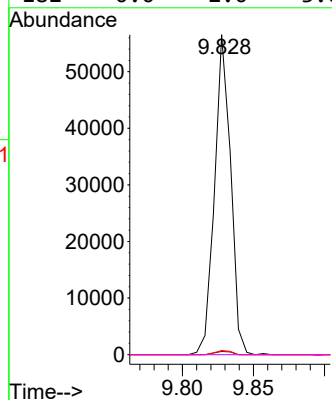
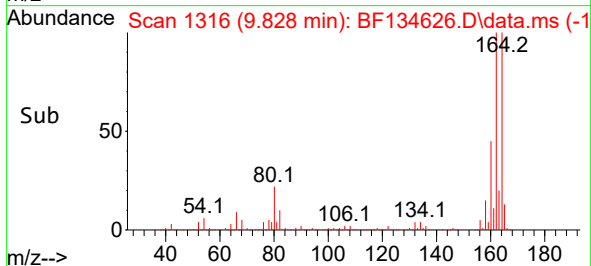


#57
2,4-Dinitrotoluene
Concen: 10.047 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

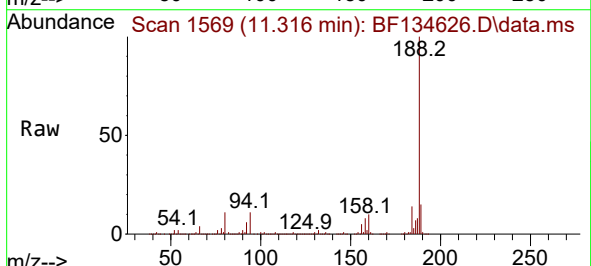
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



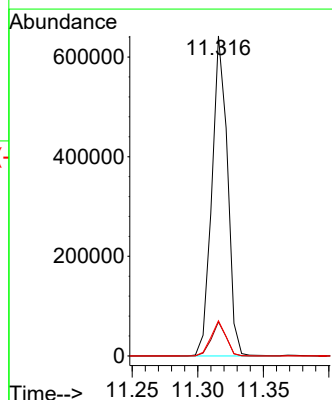
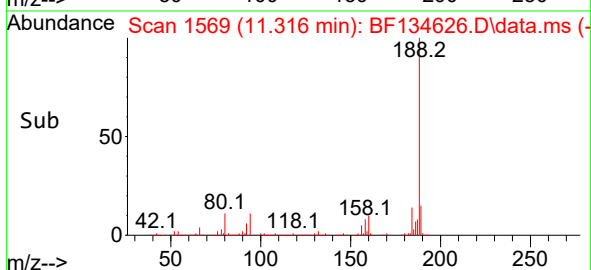
Tgt Ion:165 Resp: 44489
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#

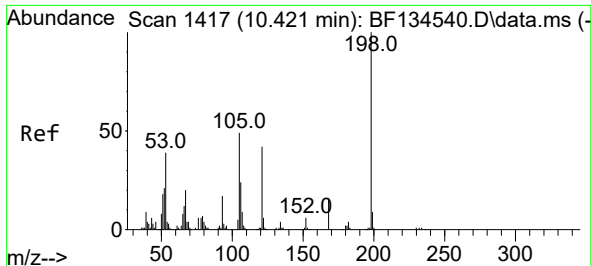


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43



Tgt Ion:188 Resp: 530697
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.0 6.6 9.8#

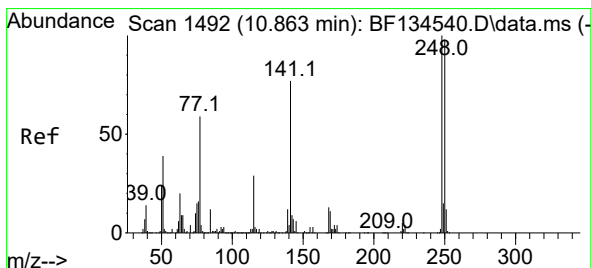
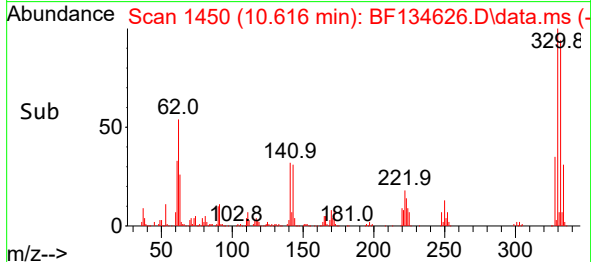
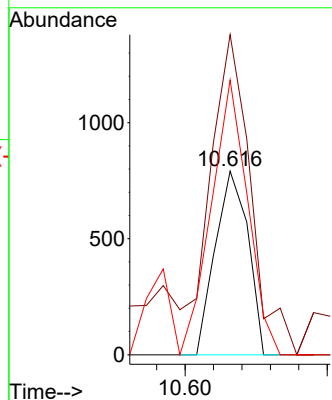
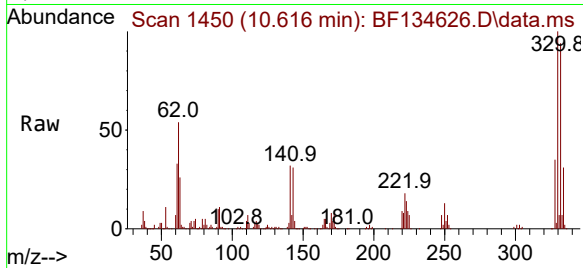




#65
4,6-Dinitro-2-methylphenol
Concen: 8.940 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

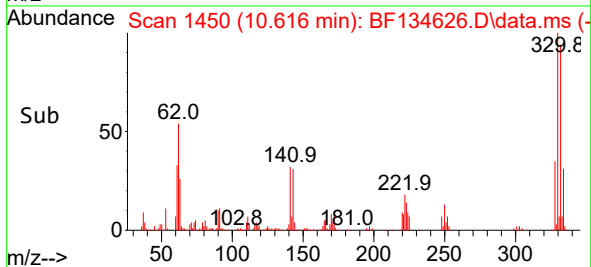
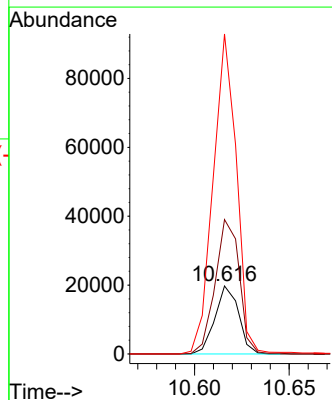
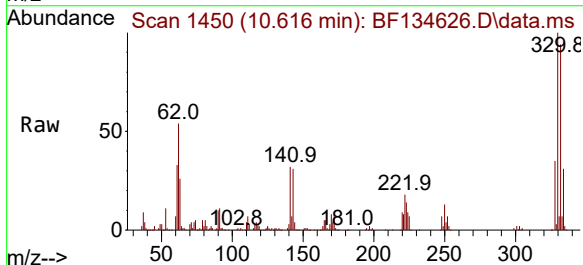
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

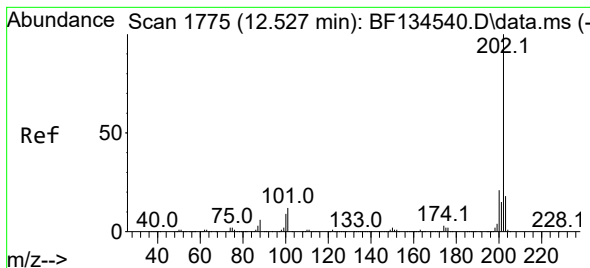
Tgt Ion:198 Resp: 631
Ion Ratio Lower Upper
198 100
51 174.3 38.6 78.6#
105 149.7 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.949 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion:248 Resp: 17131
Ion Ratio Lower Upper
248 100
250 197.5 79.6 119.4#
141 470.2 59.6 89.4#





#75

Fluoranthene

Concen: 2.676 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

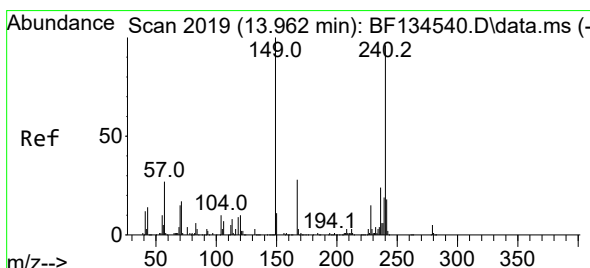
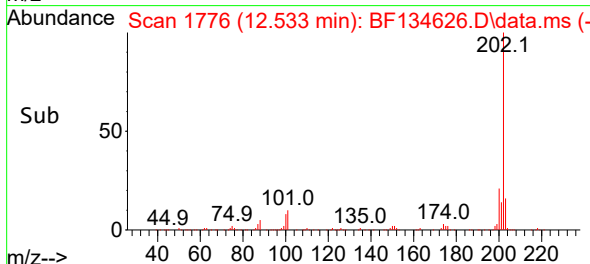
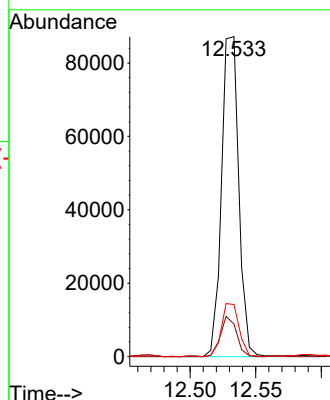
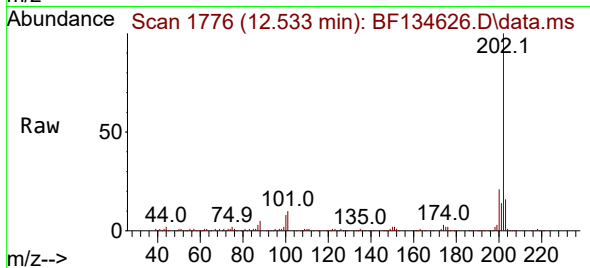
Tgt Ion:202 Resp: 79680

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.5

203 16.3 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: BF134626.D

Acq: 04 Aug 2023 11:43

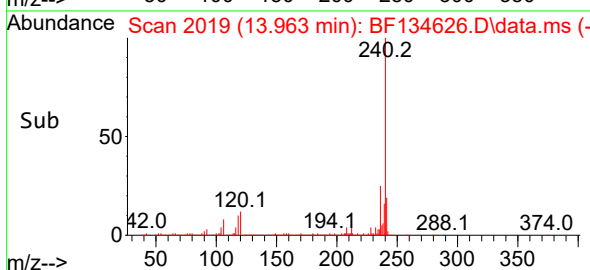
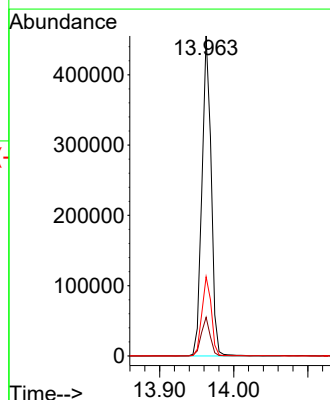
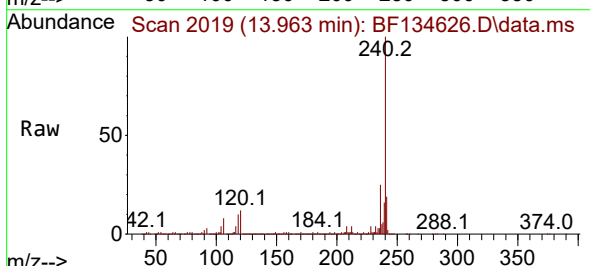
Tgt Ion:240 Resp: 392837

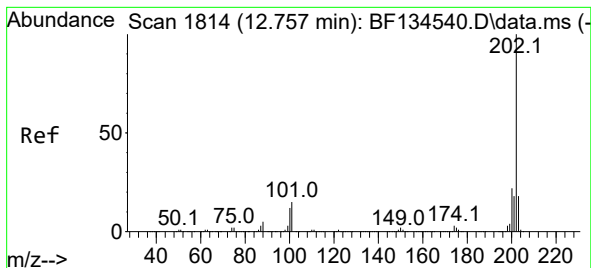
Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

236 24.8 20.2 30.2





#78

Pyrene

Concen: 2.487 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

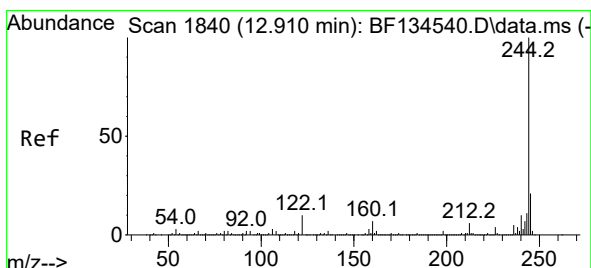
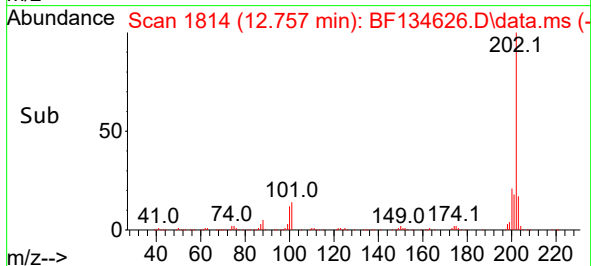
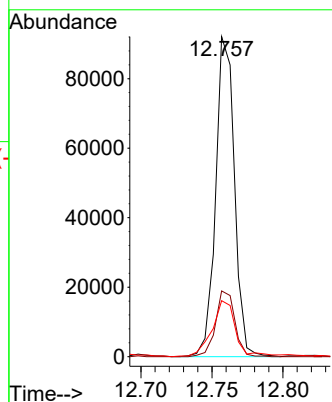
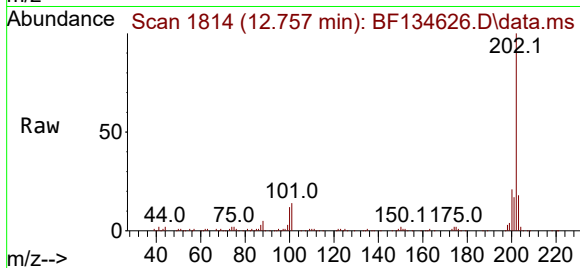
Tgt Ion:202 Resp: 84553

Ion Ratio Lower Upper

202 100

200 20.6 15.8 23.8

203 17.5 13.5 20.3



#79

Terphenyl-d14

Concen: 46.995 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

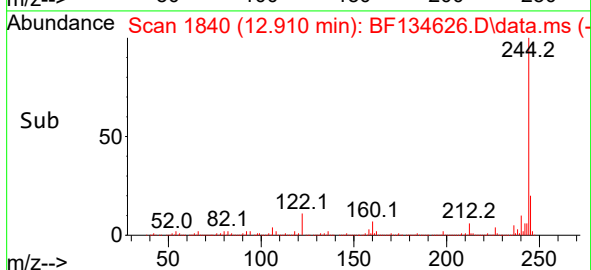
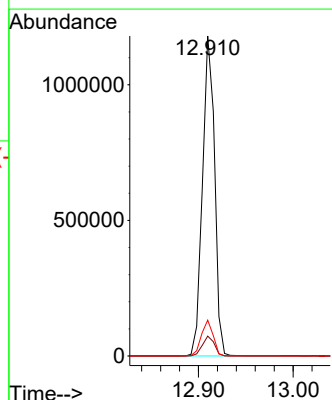
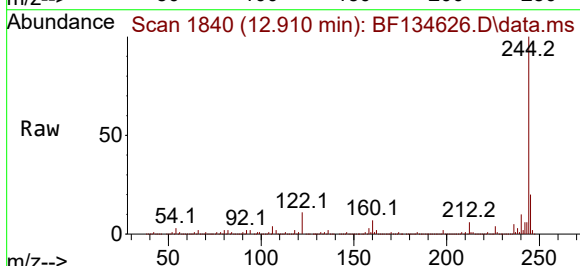
Tgt Ion:244 Resp: 1047236

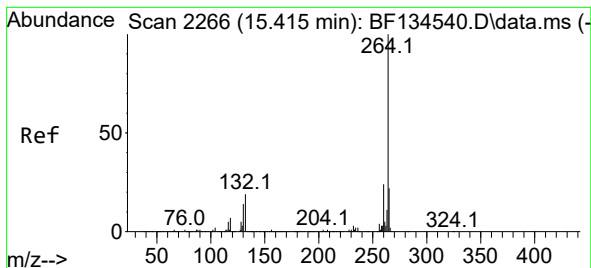
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 11.2 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11

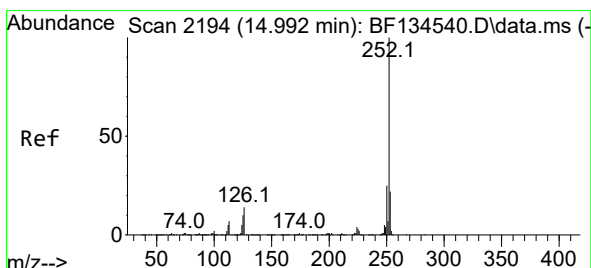
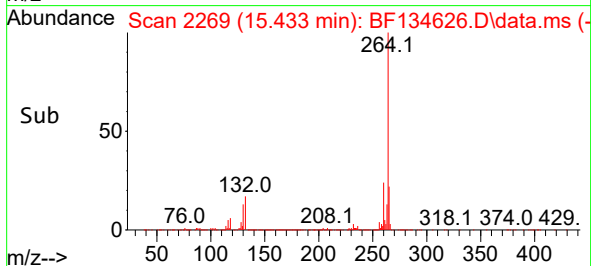
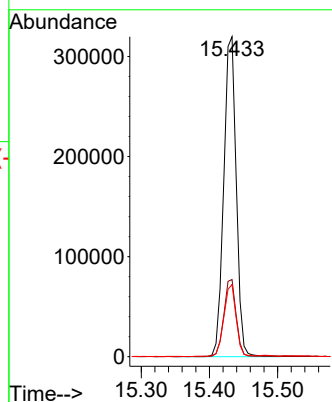
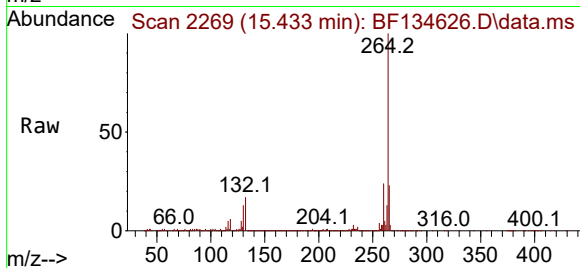
Tgt Ion:264 Resp: 408887

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 22.6 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 3.540 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

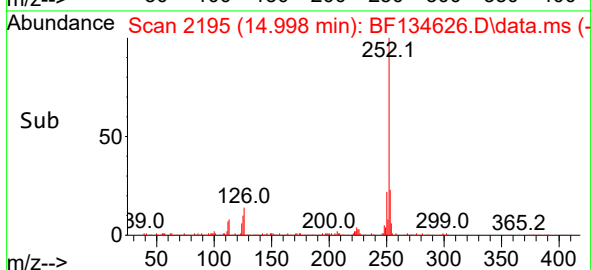
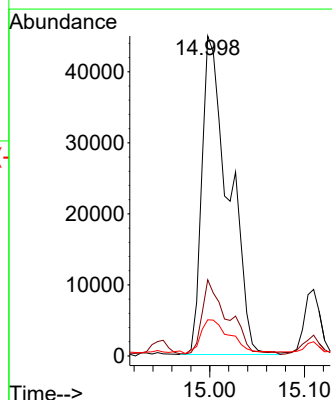
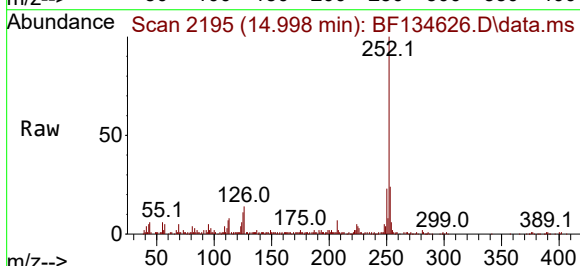
Tgt Ion:252 Resp: 88270

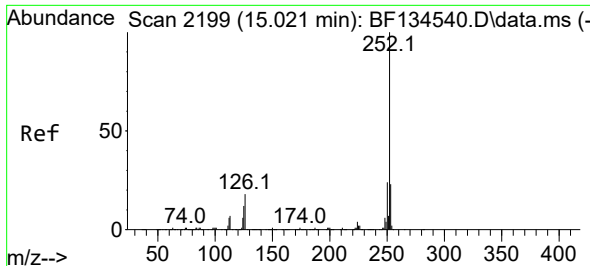
Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

125 11.3 6.0 9.0#

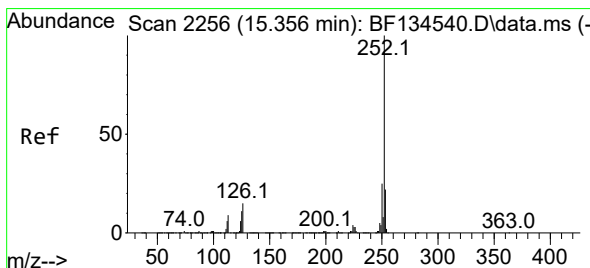
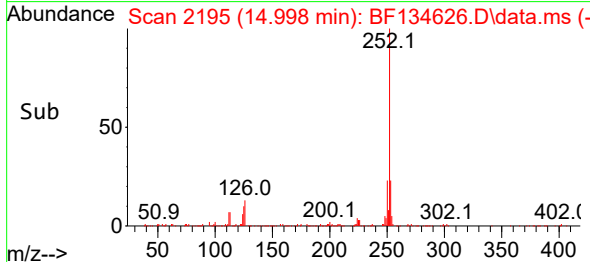
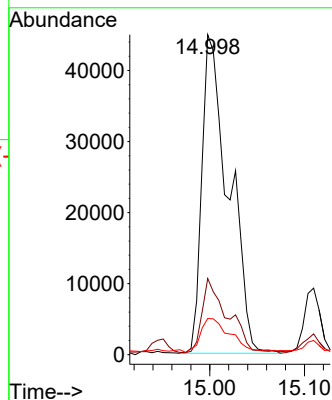
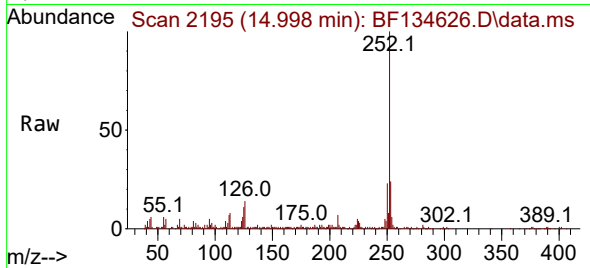




#89
Benzo(k)fluoranthene
Concen: 3.553 ng
RT: 14.998 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11

Tgt Ion:252 Resp: 88270
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 11.3 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 2.071 ng
RT: 15.363 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion:252 Resp: 48151
Ion Ratio Lower Upper
252 100
253 18.5 17.0 25.4
125 11.9 6.2 9.4#

