

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134613.D
 Acq On : 03 Aug 2023 15:42
 Operator : CG\JU
 Sample : 03756-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-10-CS-10

Quant Time: Aug 04 01:09:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

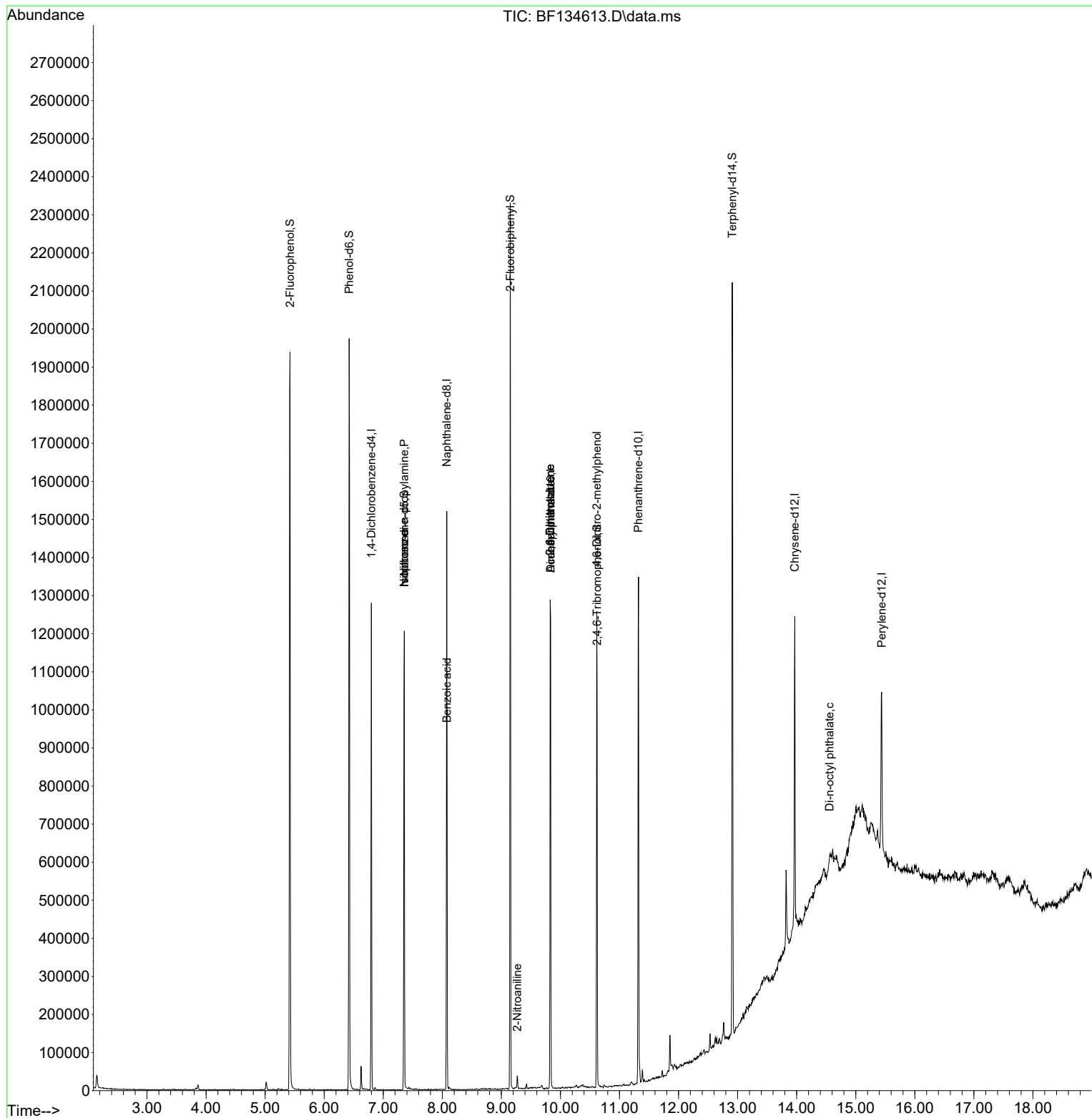
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	160085	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	571337	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	254525	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	475970	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	259008	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	220833	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	538989	51.180	ng	0.00
7) Phenol-d6	6.422	99	656227	48.746	ng	0.00
23) Nitrobenzene-d5	7.357	82	347095	37.965	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	137791	53.106	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	637578	41.650	ng	0.00
79) Terphenyl-d14	12.910	244	689997	46.963	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	77	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	47458	5.888	ng	# 72
25) Isophorone	7.357	82	347087	17.406	ng	# 65
32) Benzoic acid	8.081	122	154	7.889	ng	# 1
48) 2-Nitroaniline	9.269	65	319	3.231	ng	# 26
50) Dimethylphthalate	9.833	163	52927	3.051	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	33421	11.409	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	33421	10.173	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	356	8.850	ng	# 1
85) Di-n-octyl phthalate	14.557	149	39409	2.906	ng	# 80

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

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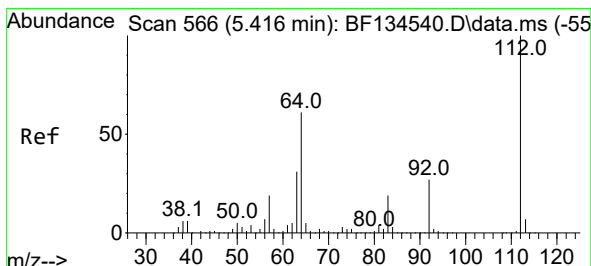
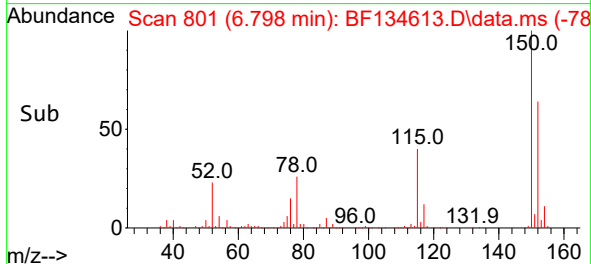
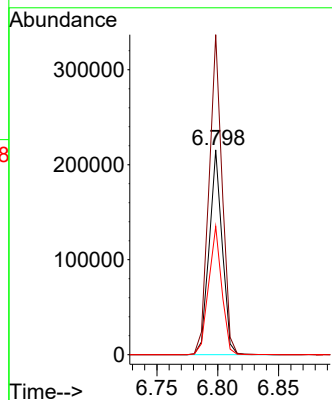
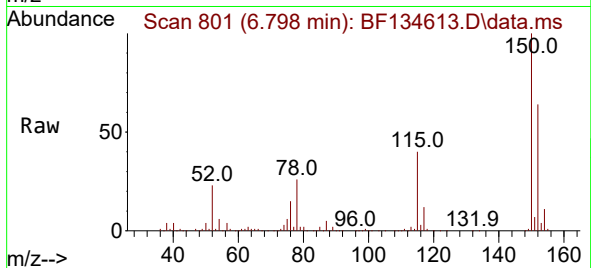




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

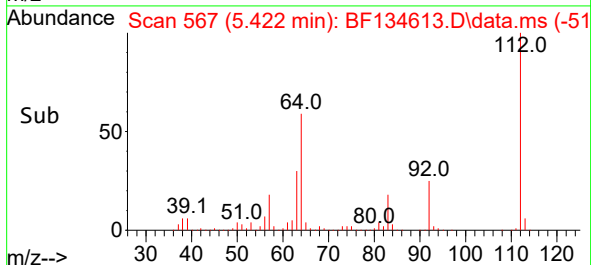
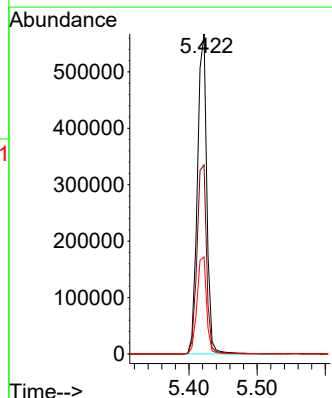
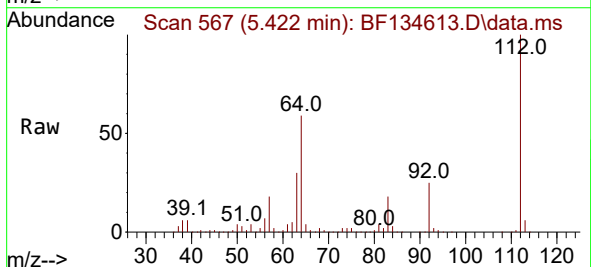
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion:152 Resp: 160085
Ion Ratio Lower Upper
152 100
150 156.3 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 51.180 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Tgt Ion:112 Resp: 538989
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 30.4 25.4 38.0

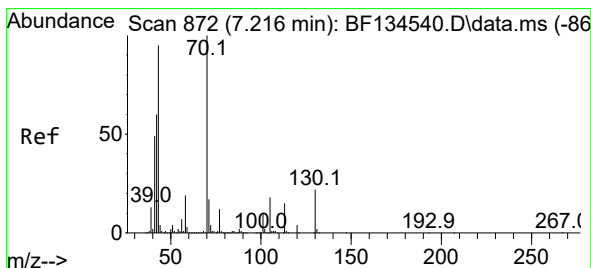
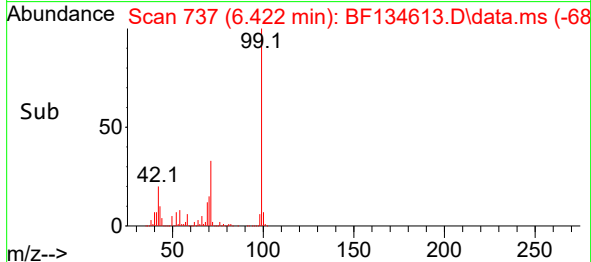
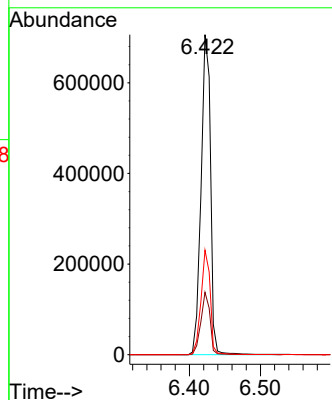
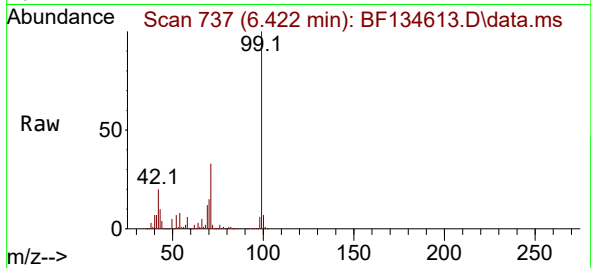




#7
Phenol-d6
Concen: 48.746 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

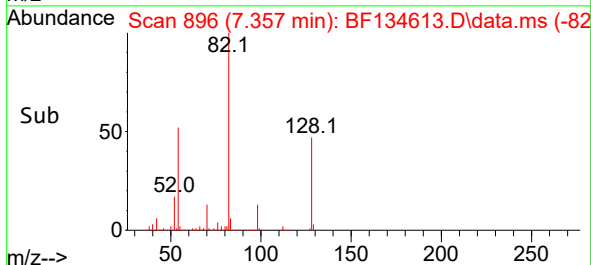
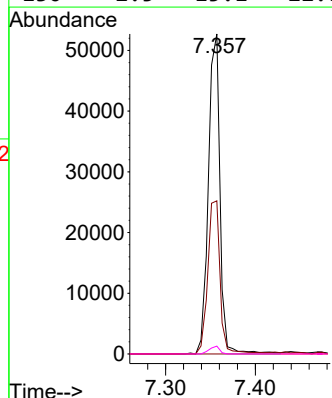
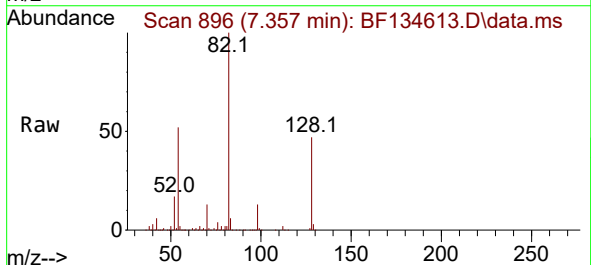
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion: 99 Resp: 656227
Ion Ratio Lower Upper
99 100
42 19.5 18.7 28.1
71 32.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 5.888 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Tgt Ion: 70 Resp: 47458
Ion Ratio Lower Upper
70 100
42 47.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

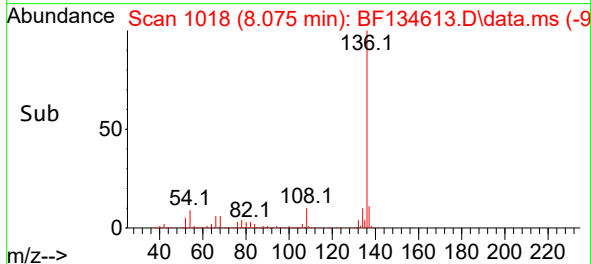
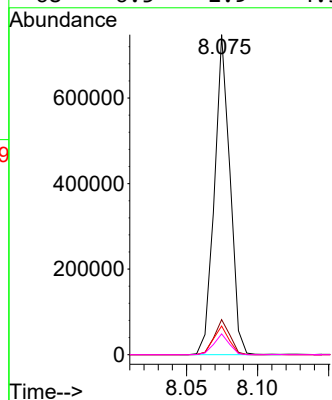
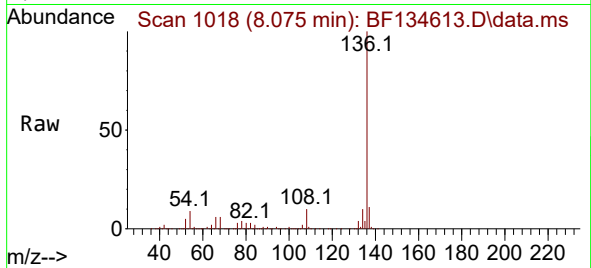




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

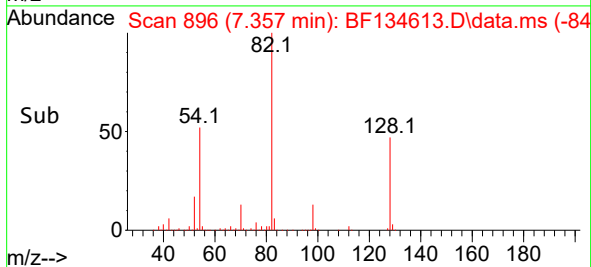
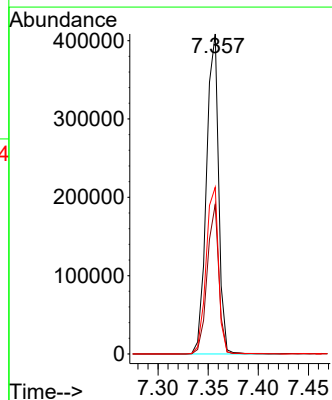
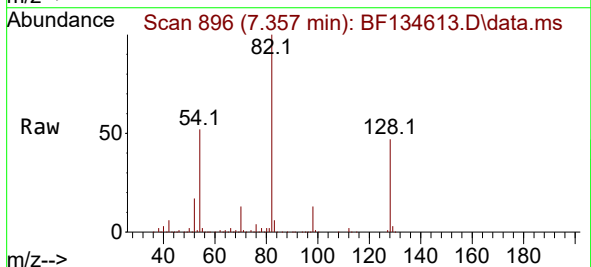
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion:136 Resp: 571337
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.9 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 37.965 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Tgt Ion: 82 Resp: 347095
Ion Ratio Lower Upper
82 100
128 46.7 34.3 51.5
54 52.1 43.8 65.6

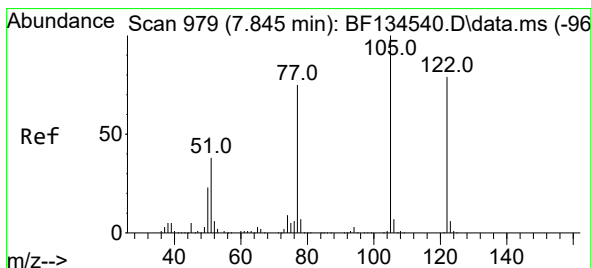
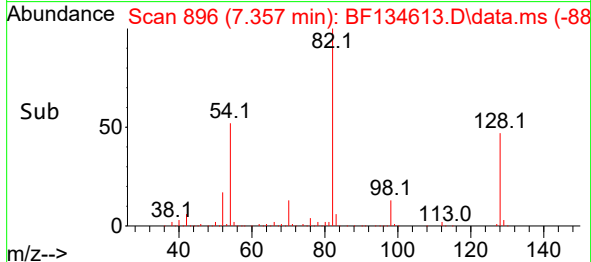
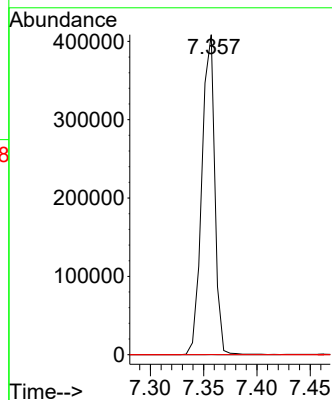
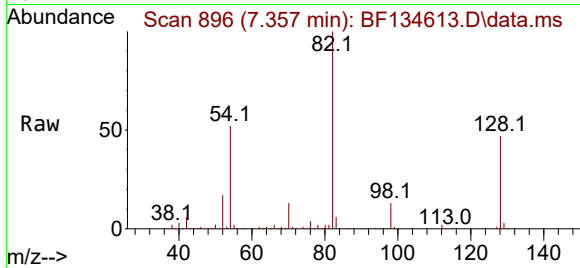




#25
Isophorone
Concen: 17.406 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

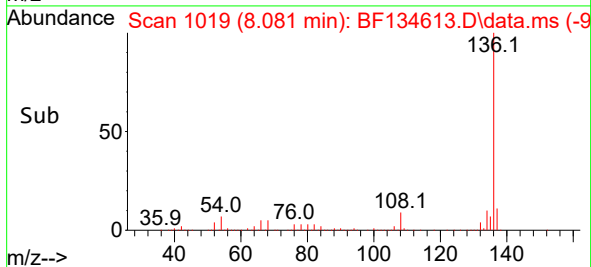
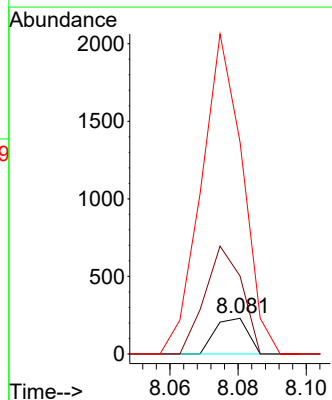
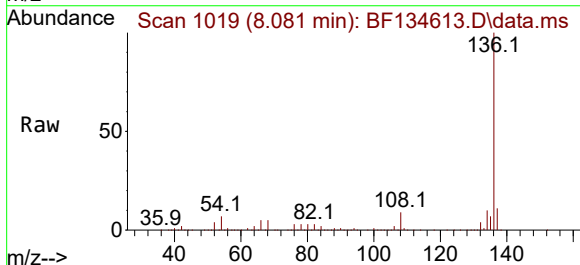
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

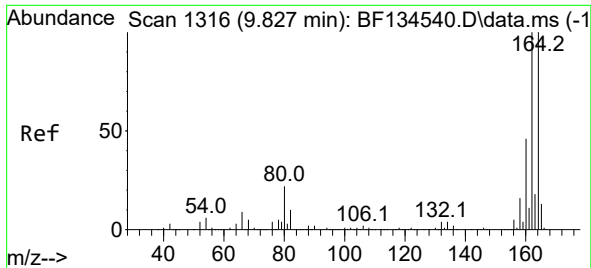
Tgt Ion: 82 Resp: 347087
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.889 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.236 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

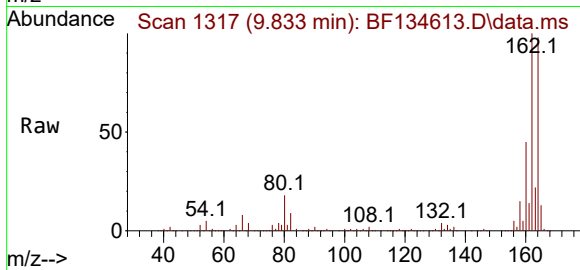
Tgt Ion:122 Resp: 154
Ion Ratio Lower Upper
122 100
105 218.3 87.5 127.5#
77 594.3 71.4 111.4#



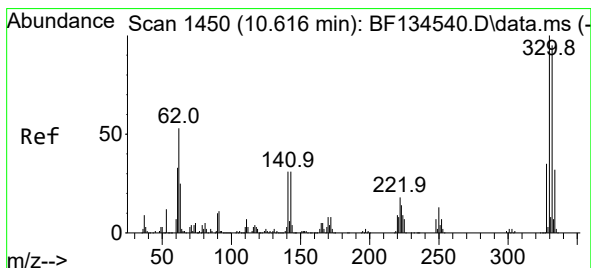
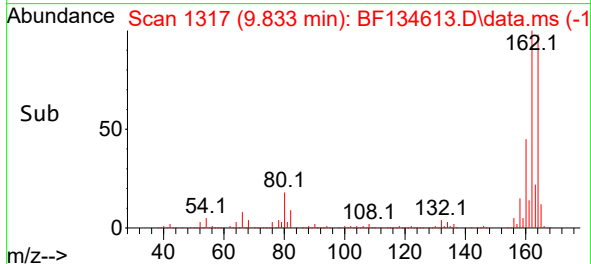
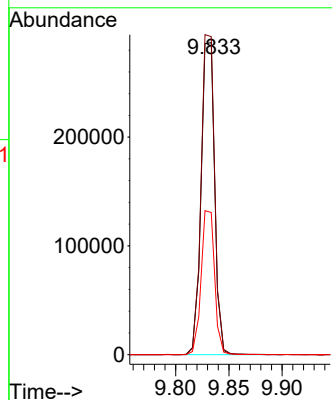


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

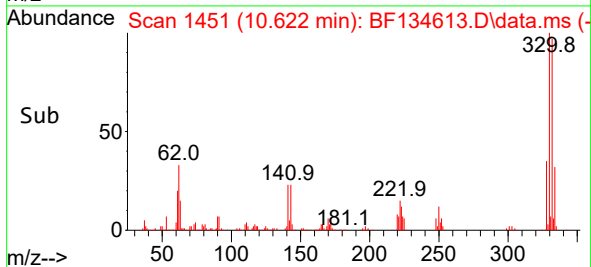
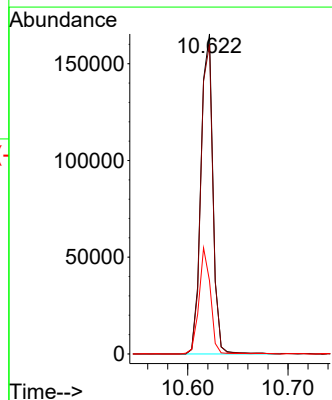
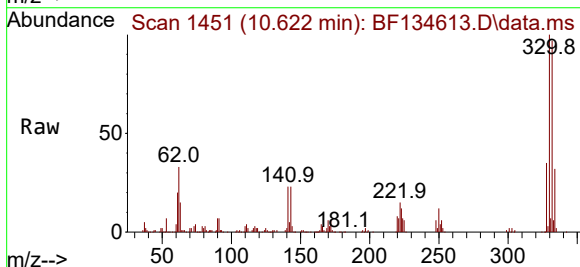


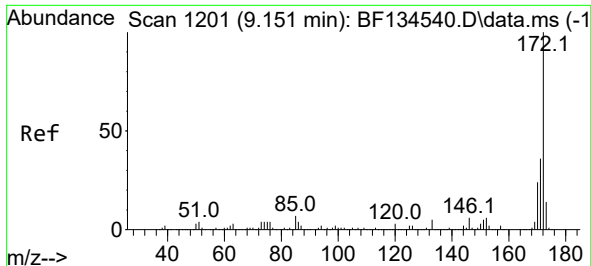
Tgt Ion:164 Resp: 254525
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 53.106 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Tgt Ion:330 Resp: 137791
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 31.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 41.650 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134613.D

Acq: 03 Aug 2023 15:42

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10

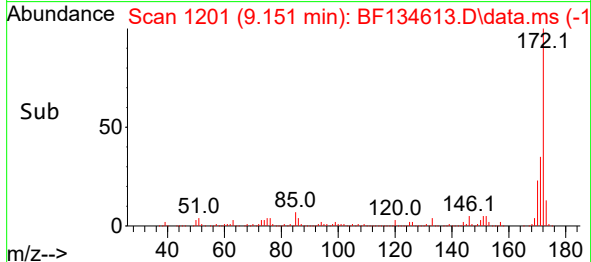
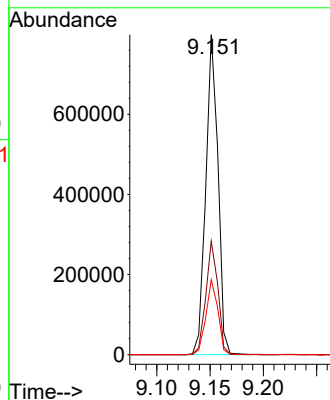
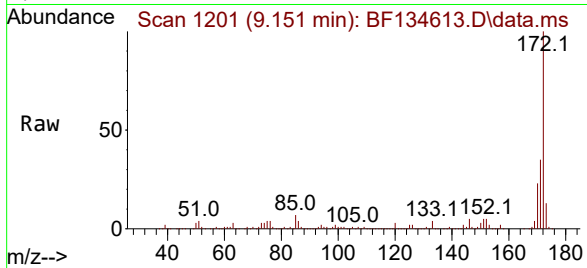
Tgt Ion:172 Resp: 637578

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.231 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134613.D

Acq: 03 Aug 2023 15:42

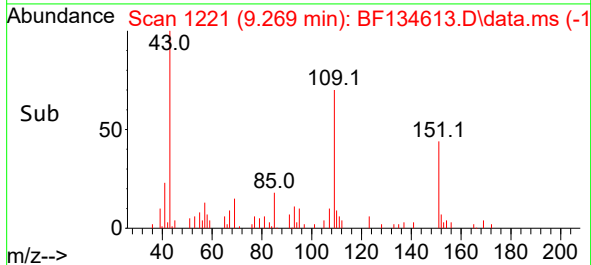
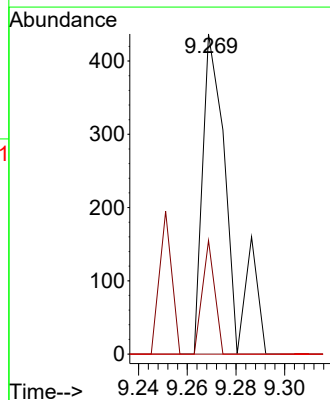
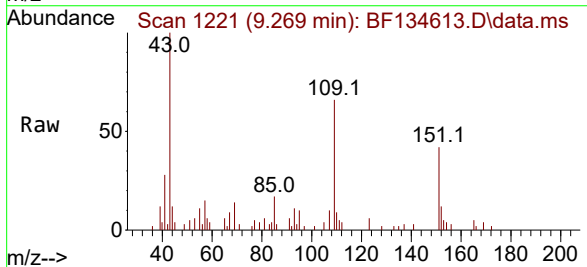
Tgt Ion: 65 Resp: 319

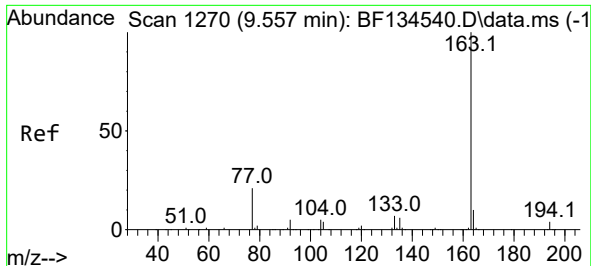
Ion Ratio Lower Upper

65 100

92 35.5 50.7 76.1#

138 0.0 78.2 117.4#

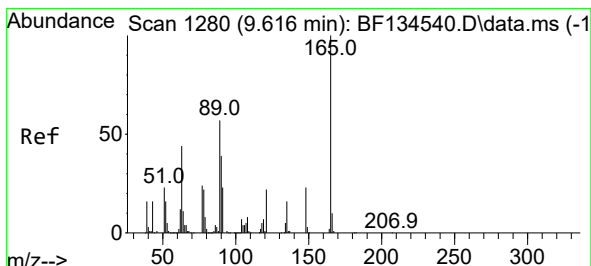
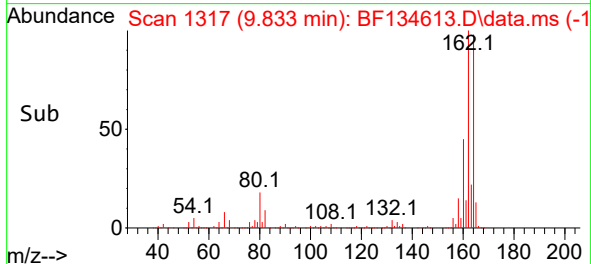
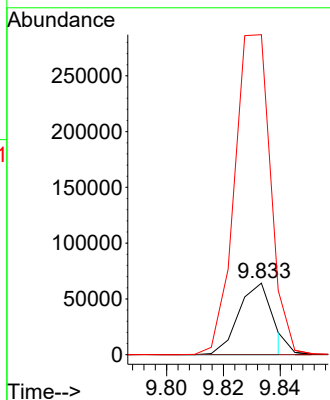
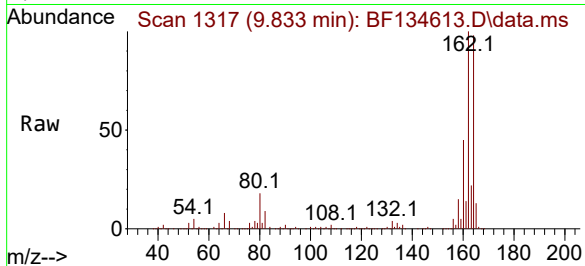




#50
Dimethylphthalate
Concen: 3.051 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.276 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

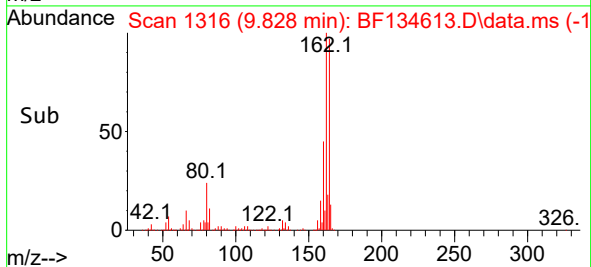
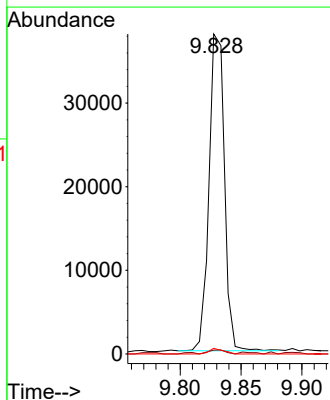
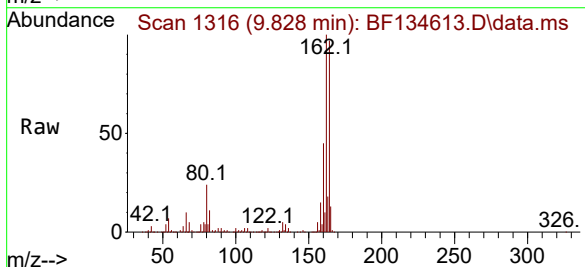
Instrument :
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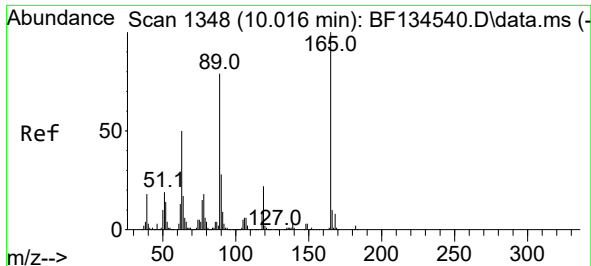
Tgt Ion:163 Resp: 52927
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 447.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.409 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

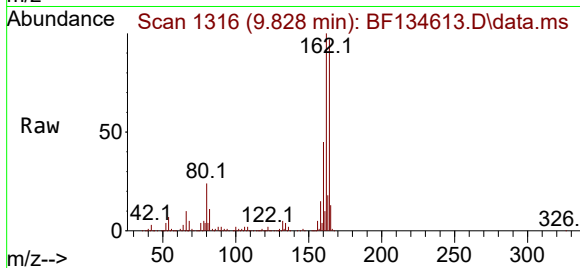
Tgt Ion:165 Resp: 33421
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.8 51.8 77.8#



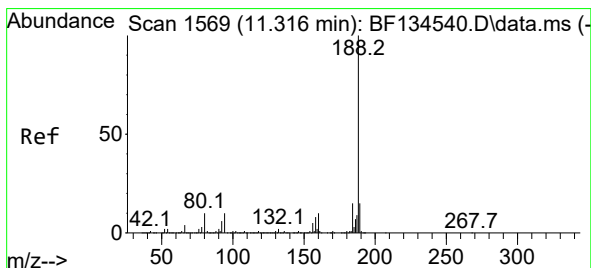
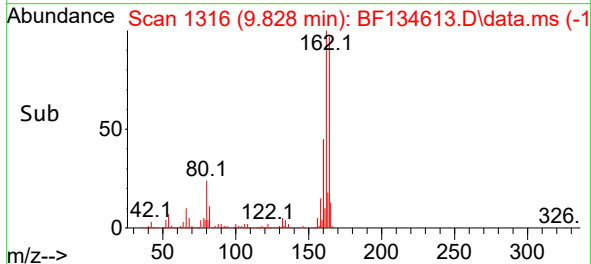
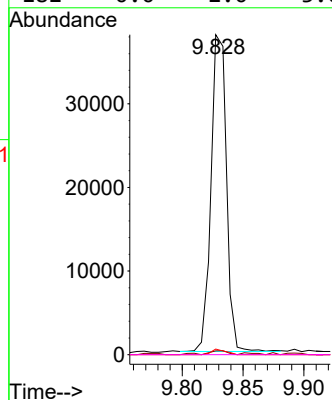


#57
2,4-Dinitrotoluene
Concen: 10.173 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

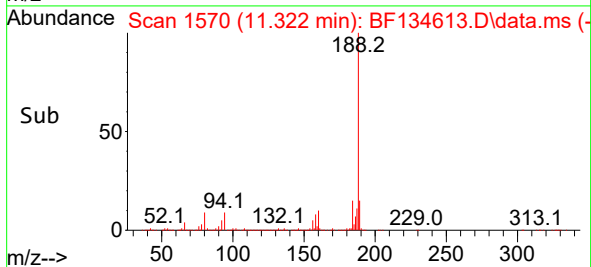
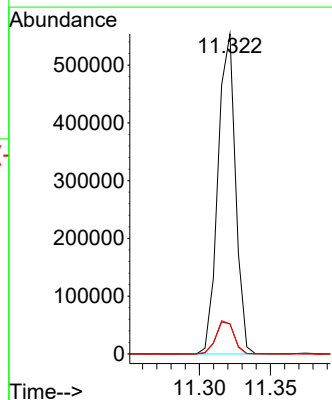
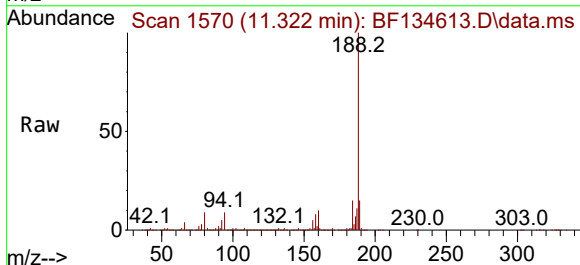


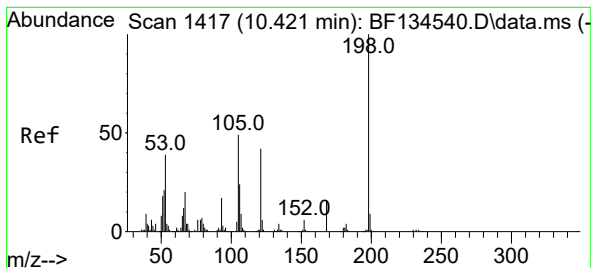
Tgt Ion:165 Resp: 33421
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.8 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

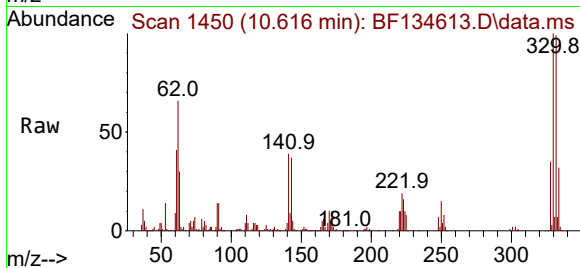
Tgt Ion:188 Resp: 475970
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 9.4 6.6 9.8



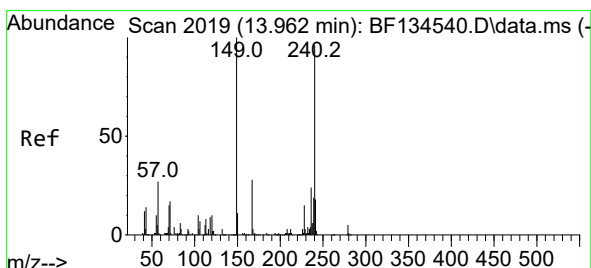
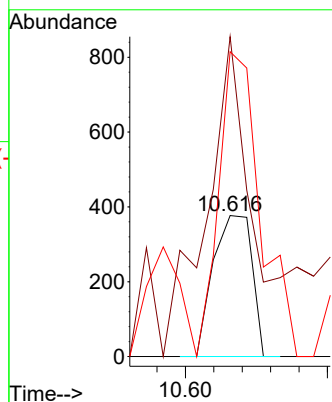
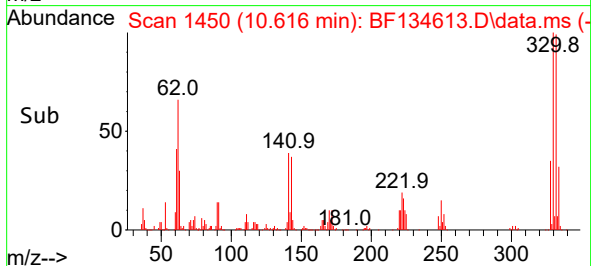


#65
4,6-Dinitro-2-methylphenol
Concen: 8.850 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

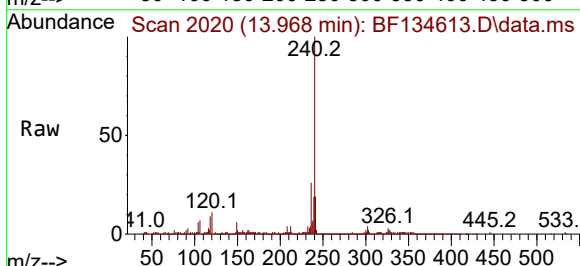
Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10



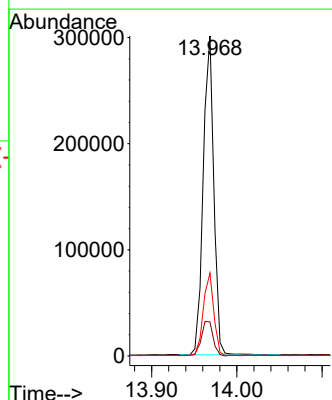
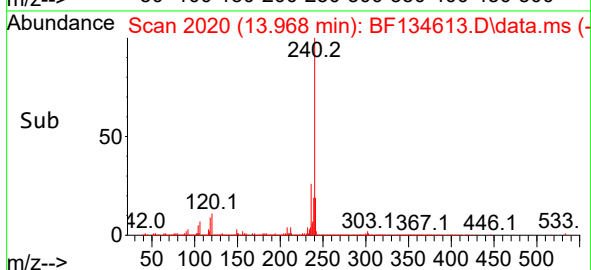
Tgt Ion:198 Resp: 356
Ion Ratio Lower Upper
198 100
51 226.8 38.6 78.6#
105 216.2 27.9 67.9#

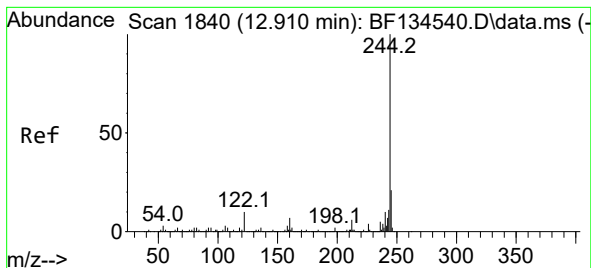


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42



Tgt Ion:240 Resp: 259008
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 46.963 ng

RT: 12.910 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134613.D

Acq: 03 Aug 2023 15:42

Instrument :

BNA_F

ClientSampleId :

RPTP-10-CS-10

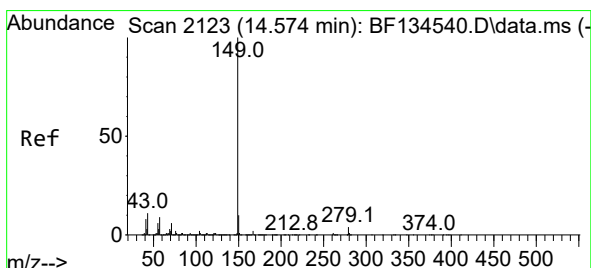
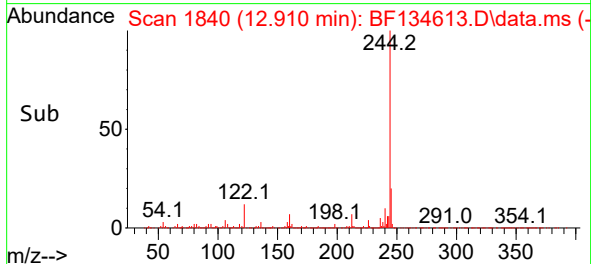
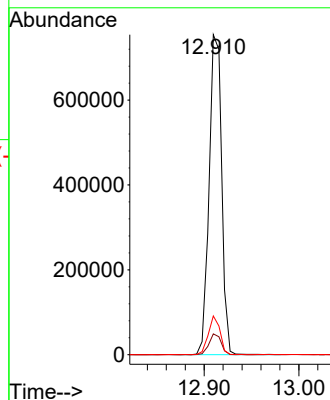
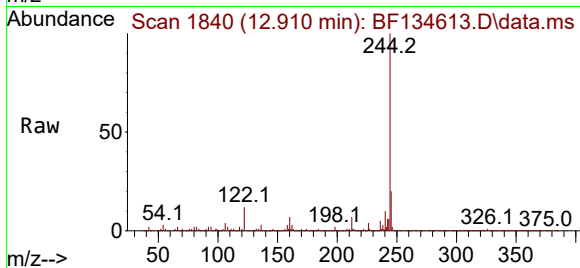
Tgt Ion:244 Resp: 689997

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 12.1 8.0 12.0#



#85

Di-n-octyl phthalate

Concen: 2.906 ng

RT: 14.557 min Scan# 2120

Delta R.T. -0.018 min

Lab File: BF134613.D

Acq: 03 Aug 2023 15:42

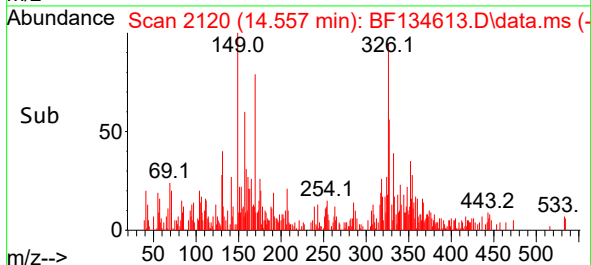
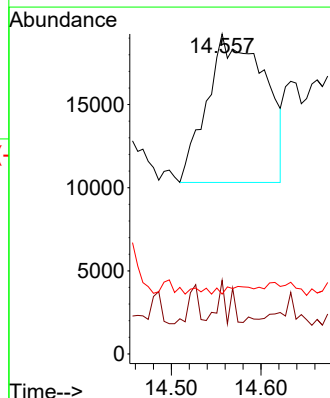
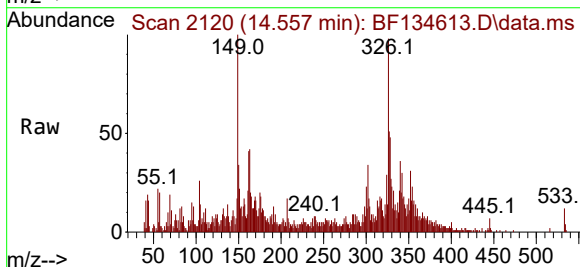
Tgt Ion:149 Resp: 39409

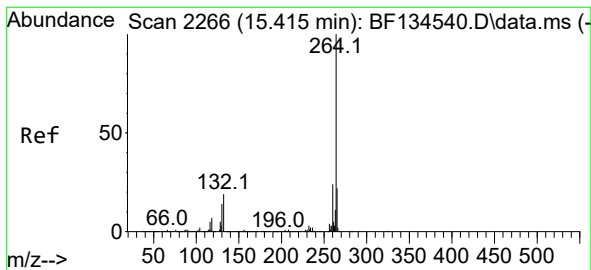
Ion Ratio Lower Upper

149 100

167 5.1 1.2 1.8#

43 2.1 8.1 12.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF134613.D
Acq: 03 Aug 2023 15:42

Instrument :
BNA_F
ClientSampleId :
RPTP-10-CS-10

Tgt Ion:264 Resp: 220833

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.9	15.8	23.8

