

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134632.D
 Acq On : 04 Aug 2023 14:52
 Operator : CG\JU
 Sample : 03887-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

Quant Time: Aug 05 00:06:44 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)

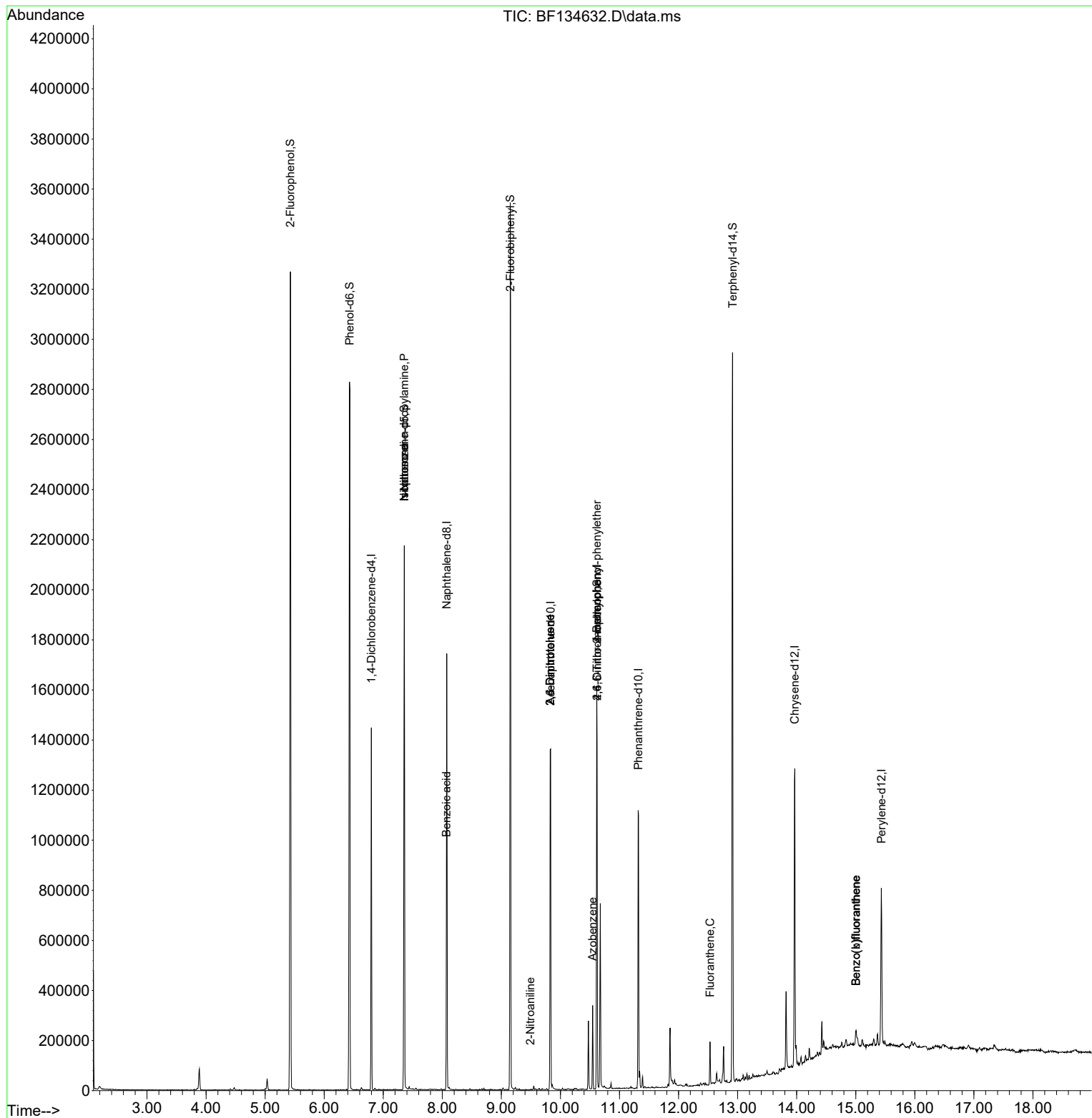
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	181781	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	680093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	283889	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	421080	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	407542	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	294347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	871921	72.912	ng	0.00
7) Phenol-d6	6.434	99	1091780	71.421	ng	0.00
23) Nitrobenzene-d5	7.357	82	637641	58.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	191331	66.113	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1100534	64.457	ng	-0.01
79) Terphenyl-d14	12.916	244	1025902	44.376	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	148	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.357	70	84303	9.211 ng	#	74
25) Isophorone	7.357	82	634410	26.727 ng	#	65
32) Benzoic acid	8.069	122	62	7.875 ng	#	1
48) 2-Nitroaniline	9.492	65	62	3.177 ng	#	8
51) 2,6-Dinitrotoluene	9.828	165	35939	11.090 ng	#	17
57) 2,4-Dinitrotoluene	9.828	165	35939	9.911 ng	#	18
63) Azobenzene	10.545	77	50920	2.584 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.622	198	384	8.884 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	12172	2.641 ng	#	1
75) Fluoranthene	12.533	202	60999	2.582 ng		96
88) Benzo(b)fluoranthene	15.004	252	40785	2.272 ng	#	91
89) Benzo(k)fluoranthene	15.004	252	40785	2.281 ng	#	92

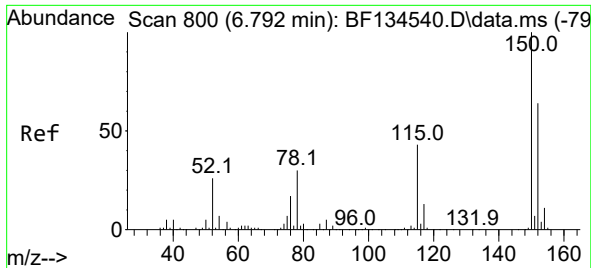
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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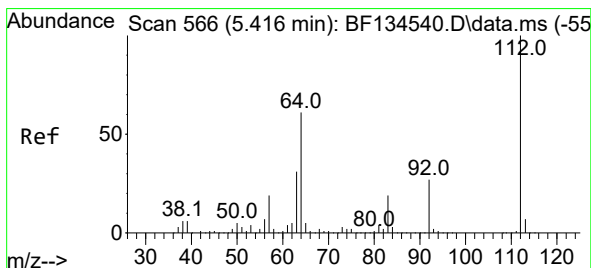
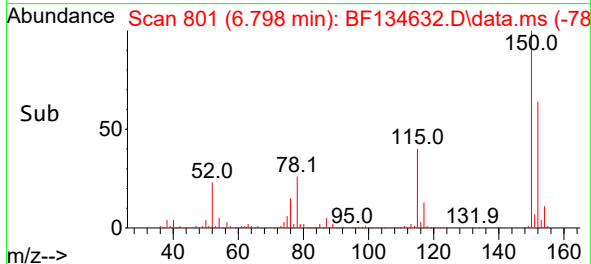
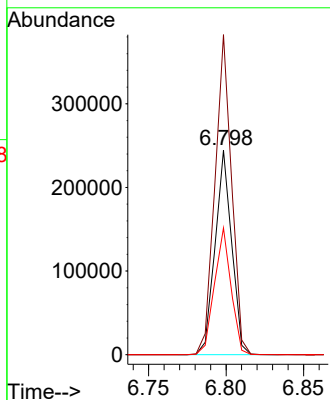
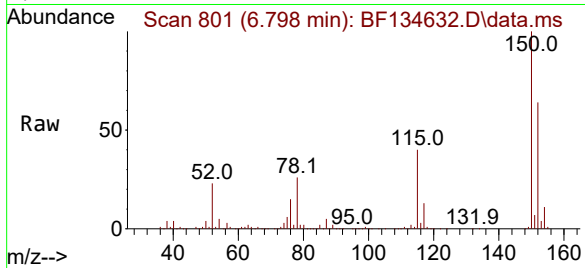




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

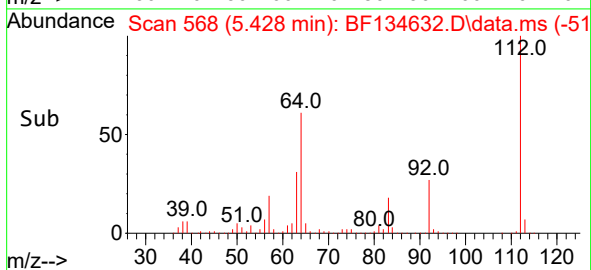
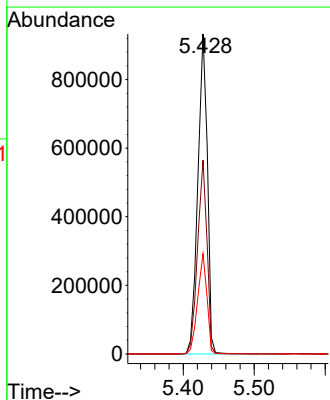
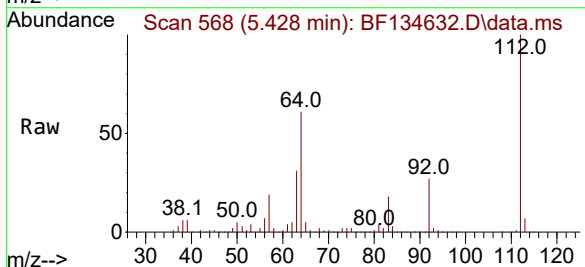
Instrument :
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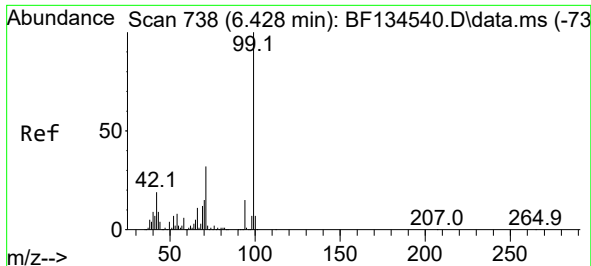
Tgt Ion:152 Resp: 181781
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 61.9 52.4 78.6



#5
2-Fluorophenol
Concen: 72.912 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:112 Resp: 871921
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 31.3 25.4 38.0

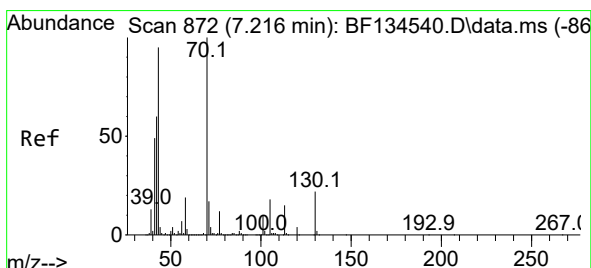
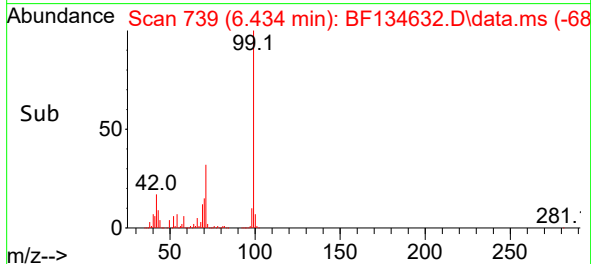
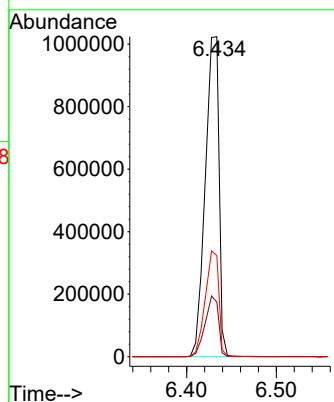
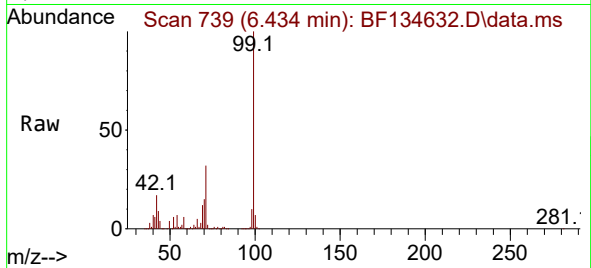




#7
Phenol-d6
Concen: 71.421 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

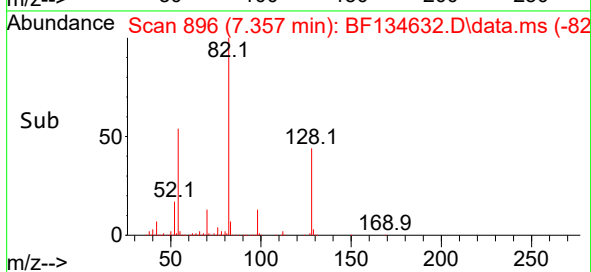
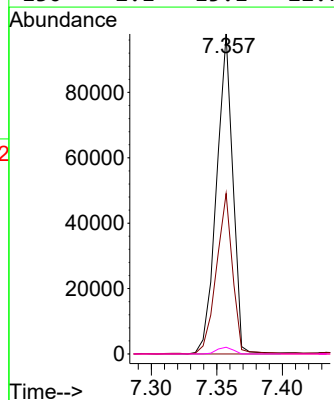
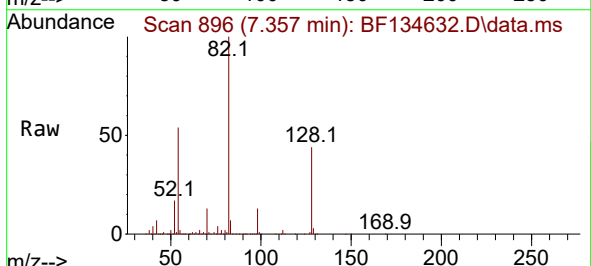
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

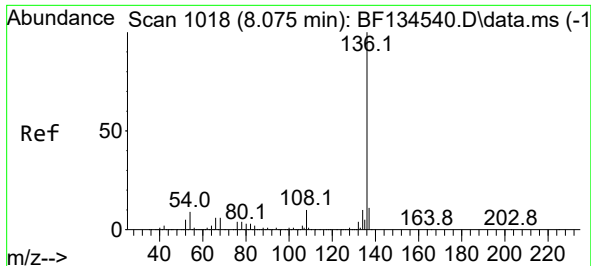
Tgt Ion: 99 Resp: 1091780
Ion Ratio Lower Upper
99 100
42 17.0 18.7 28.1#
71 31.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.211 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion: 70 Resp: 84303
Ion Ratio Lower Upper
70 100
42 50.2 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

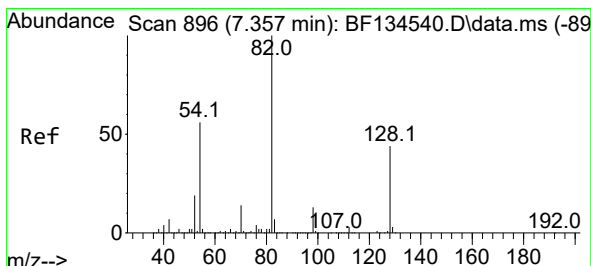
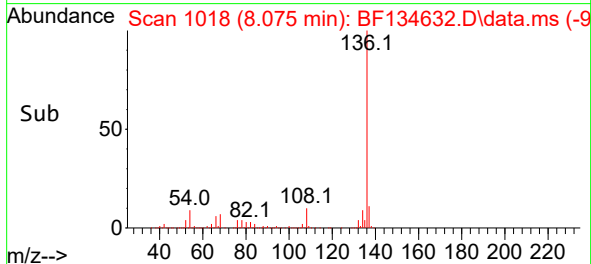
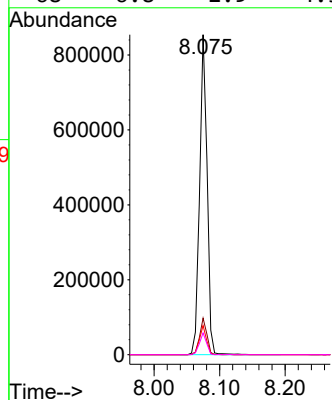
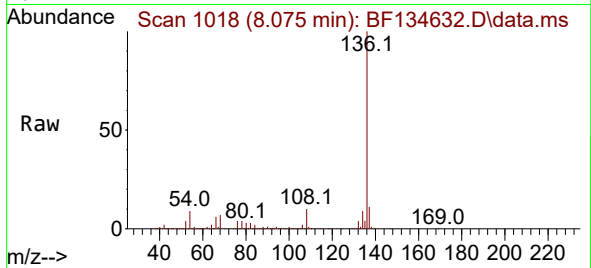




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

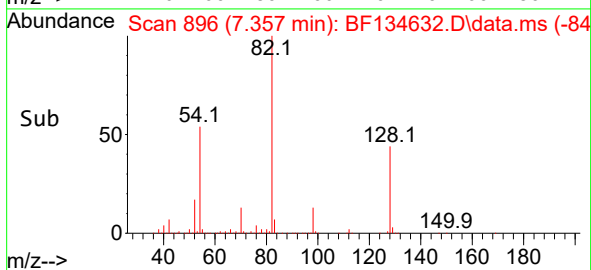
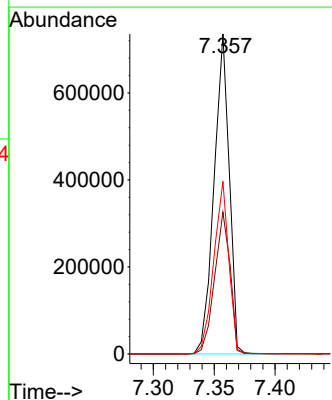
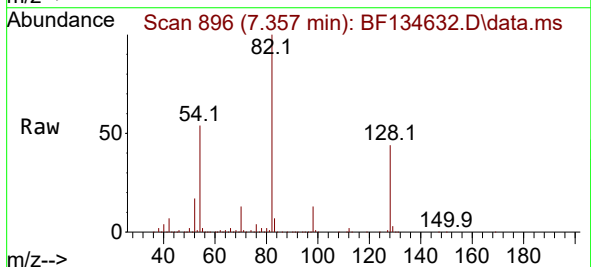
Instrument :
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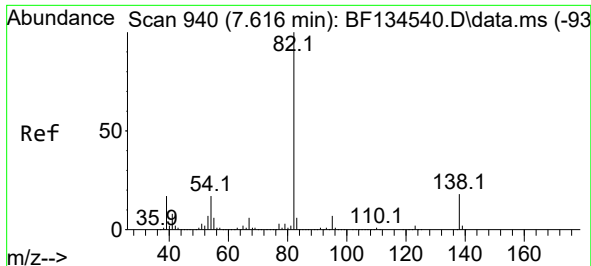
Tgt Ion:136 Resp: 680093
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.1 5.2 7.8#
68 6.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 58.592 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion: 82 Resp: 637641
Ion Ratio Lower Upper
82 100
128 44.3 34.3 51.5
54 53.9 43.8 65.6

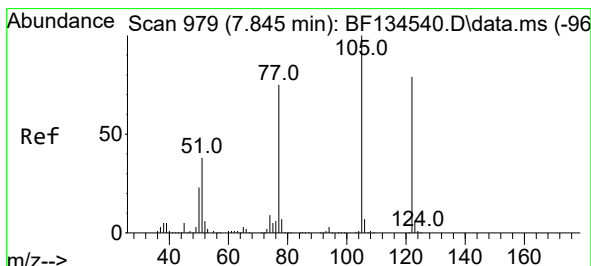
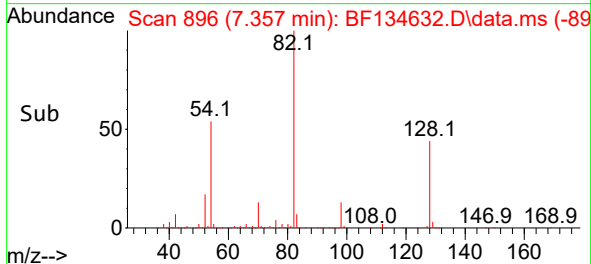
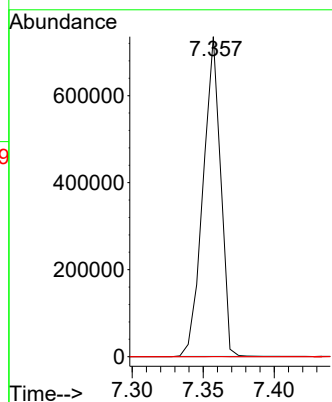
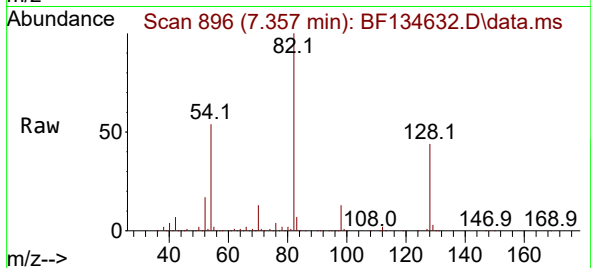




#25
Isophorone
Concen: 26.727 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

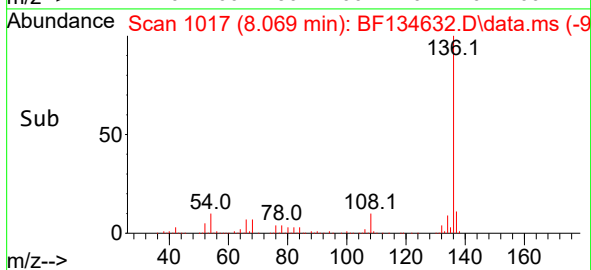
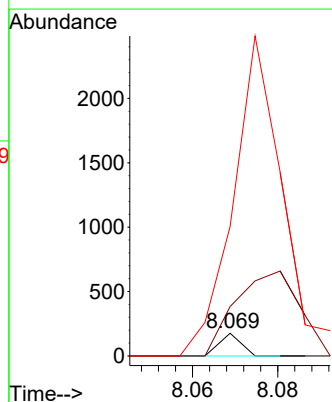
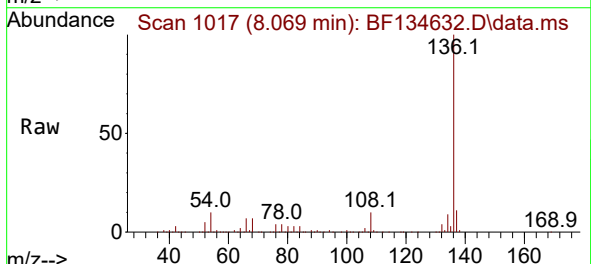
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

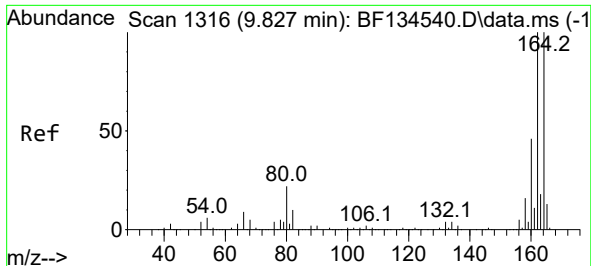
Tgt Ion: 82 Resp: 634410
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 217.6 87.5 127.5#
77 571.6 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

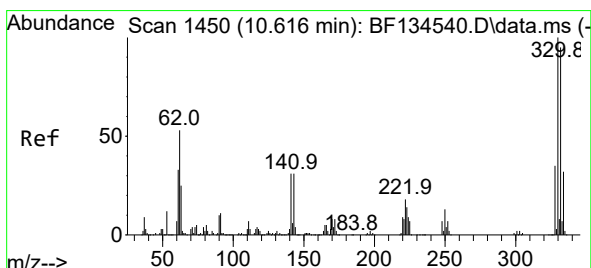
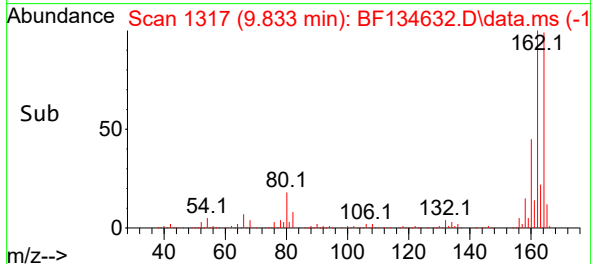
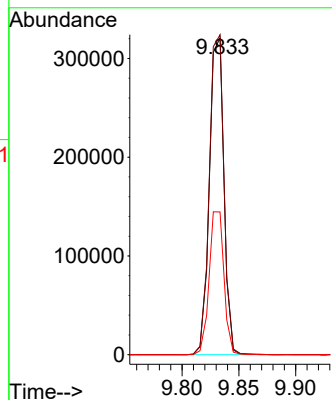
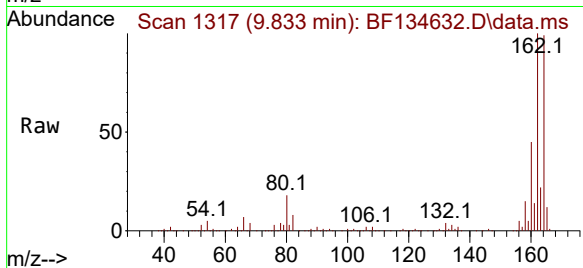
Tgt Ion:164 Resp: 283889

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

160 45.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 66.113 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

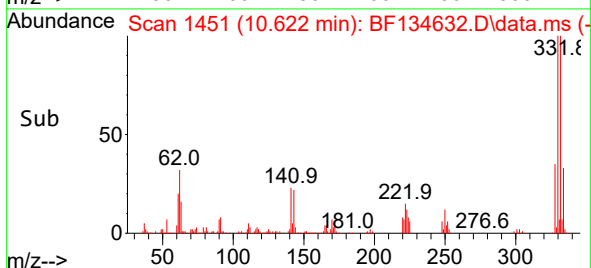
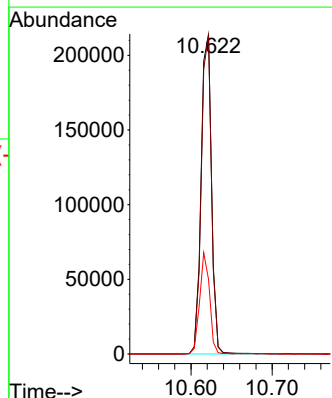
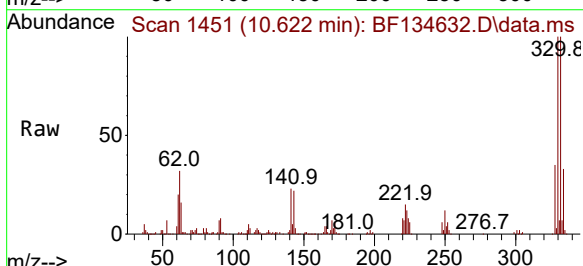
Tgt Ion:330 Resp: 191331

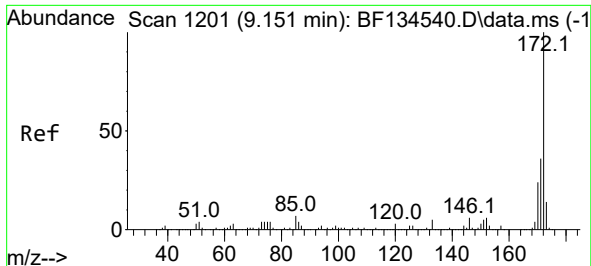
Ion Ratio Lower Upper

330 100

332 97.4 78.8 118.2

141 30.0 25.4 38.2

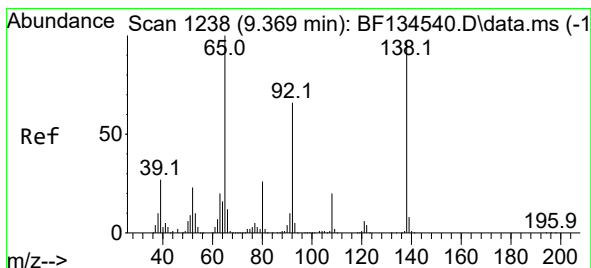
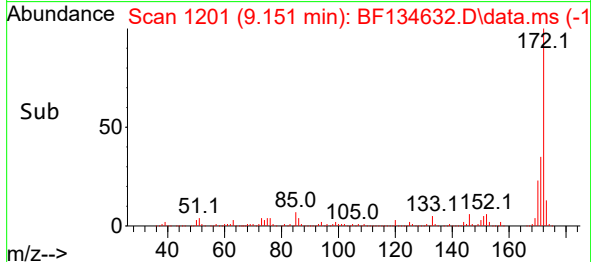
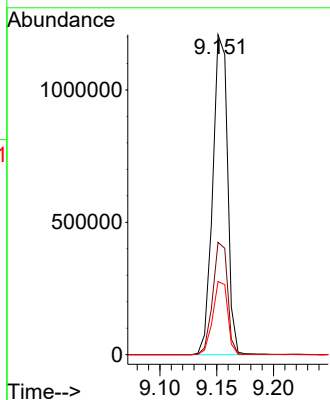
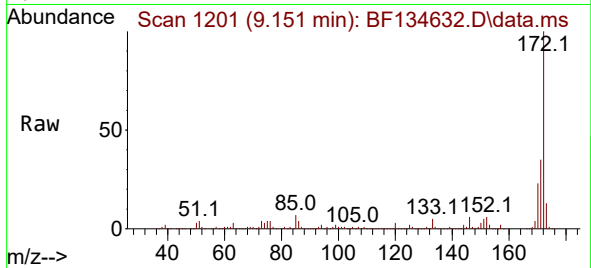




#45
2-Fluorobiphenyl
Concen: 64.457 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

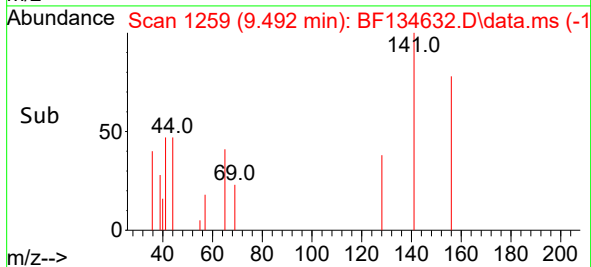
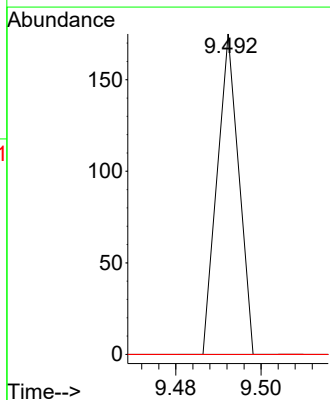
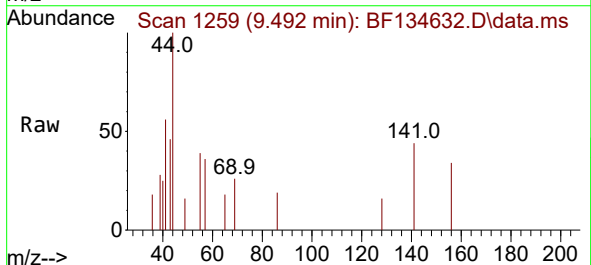
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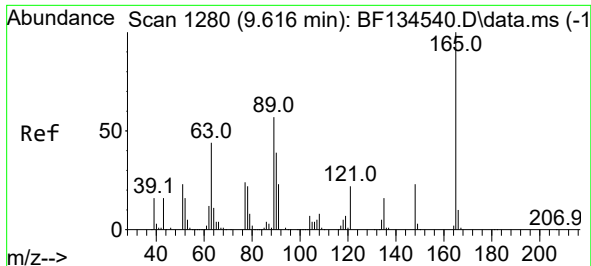
Tgt Ion:172 Resp: 1100534
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.177 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.112 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#

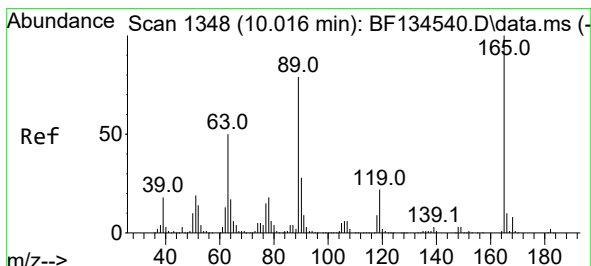
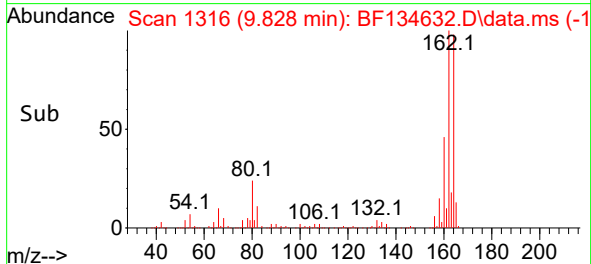
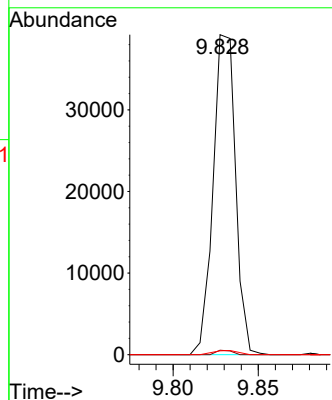
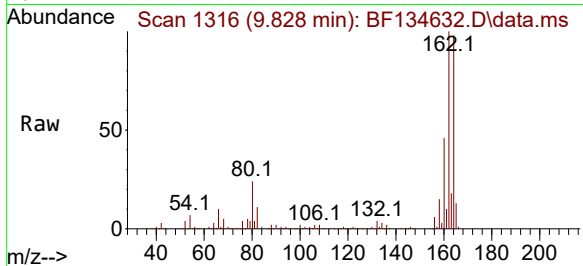




#51
2,6-Dinitrotoluene
Concen: 11.090 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

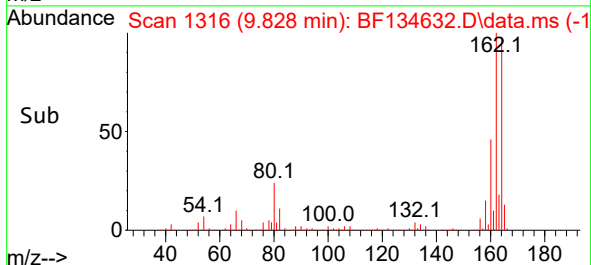
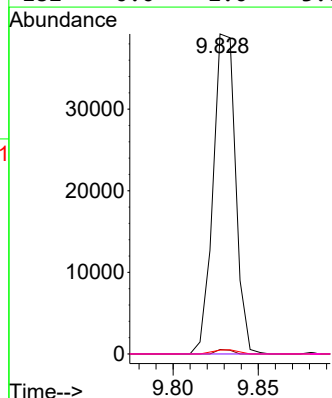
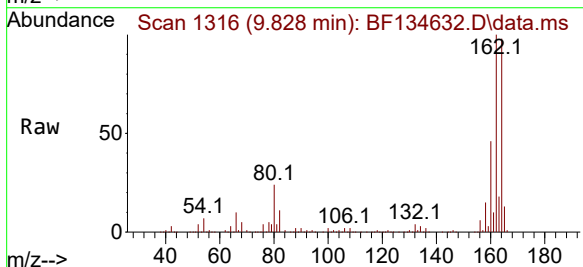
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

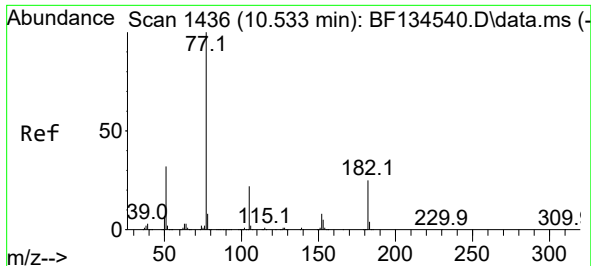
Tgt Ion:165 Resp: 35939
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 9.911 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:165 Resp: 35939
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

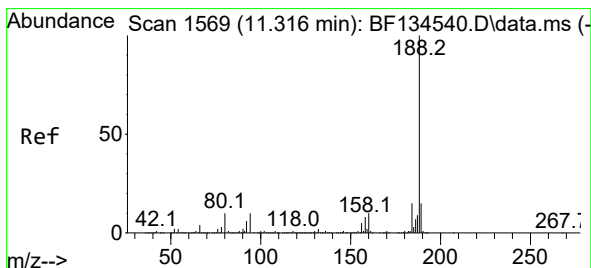
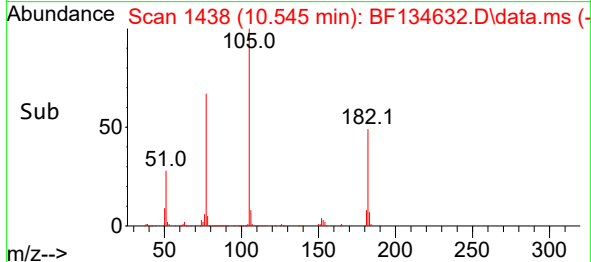
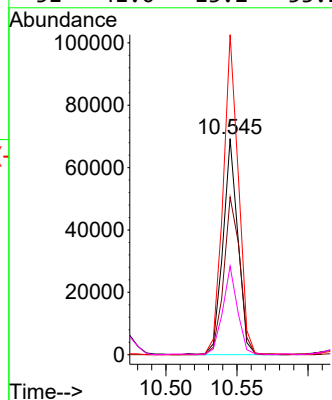
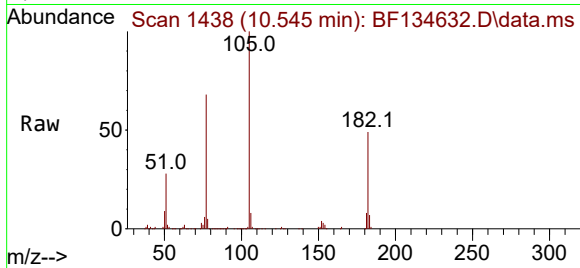




#63
 Azobenzene
 Concen: 2.584 ng
 RT: 10.545 min Scan# 1438
 Delta R.T. 0.006 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

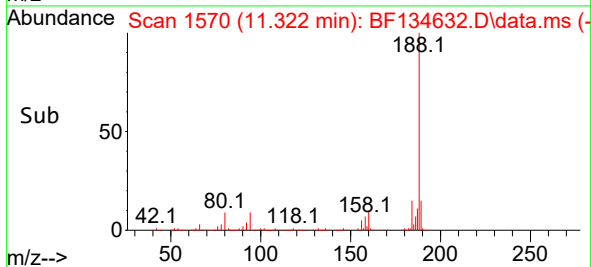
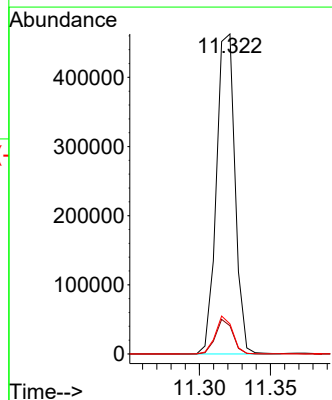
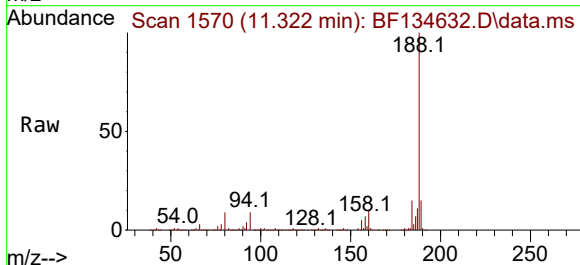
Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

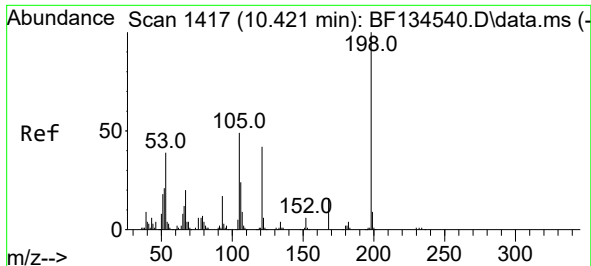
Tgt Ion: 77 Resp: 50920
 Ion Ratio Lower Upper
 77 100
 182 72.9 7.5 47.5#
 105 148.1 1.9 41.9#
 51 41.0 13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

Tgt Ion: 188 Resp: 421080
 Ion Ratio Lower Upper
 188 100
 94 8.8 5.1 7.7#
 80 9.4 6.6 9.8

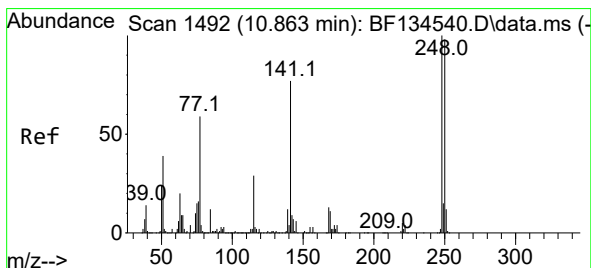
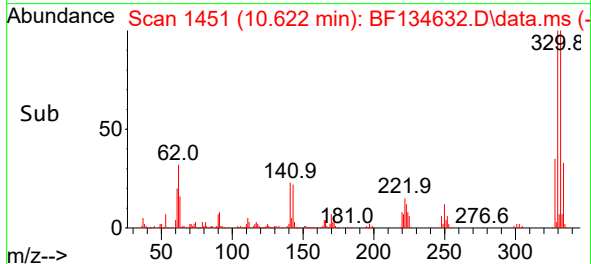
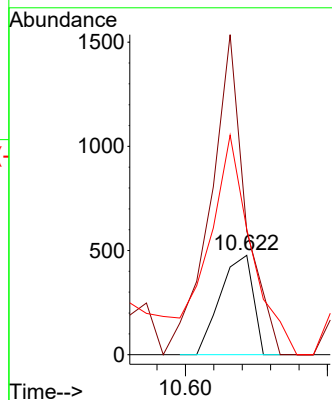
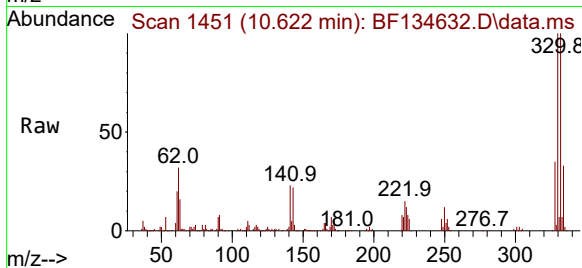




#65
4,6-Dinitro-2-methylphenol
Concen: 8.884 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

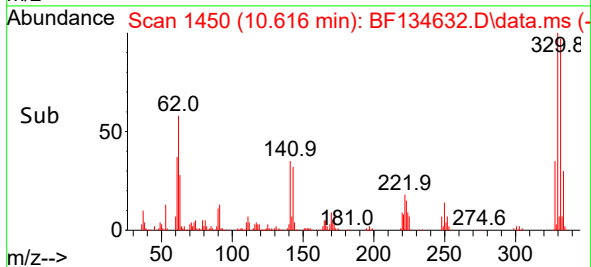
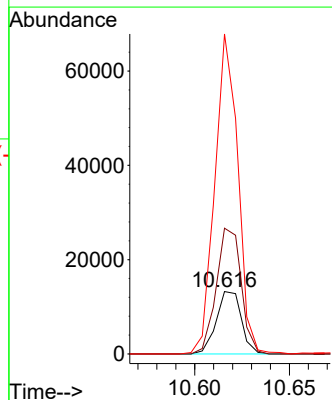
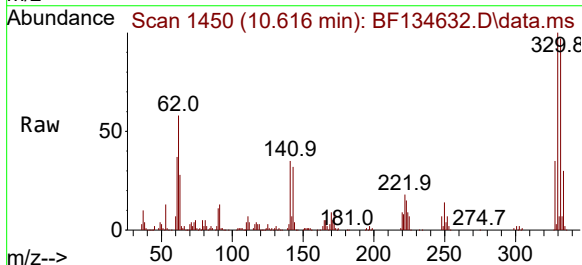
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

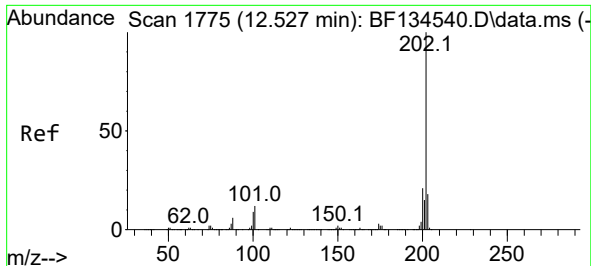
Tgt Ion:198 Resp: 384
Ion Ratio Lower Upper
198 100
51 124.3 38.6 78.6#
105 126.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.641 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:248 Resp: 12172
Ion Ratio Lower Upper
248 100
250 201.3 79.6 119.4#
141 512.4 59.6 89.4#

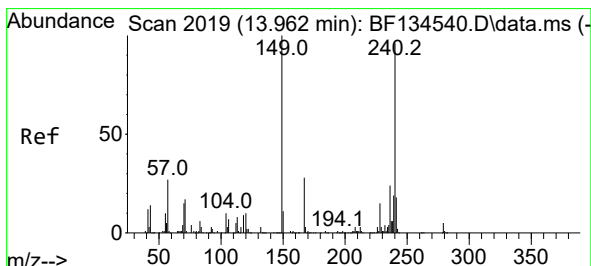
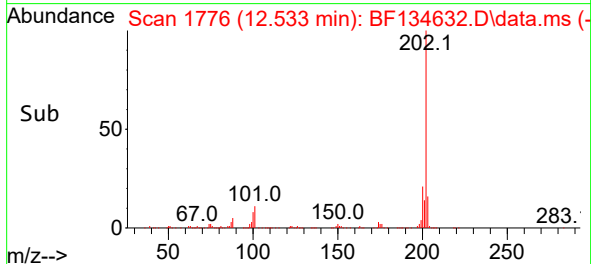
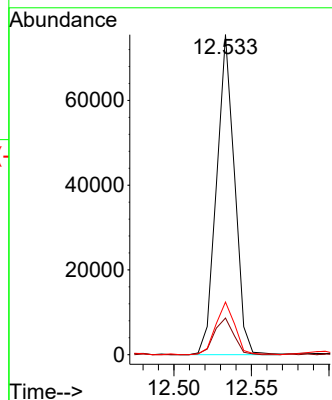
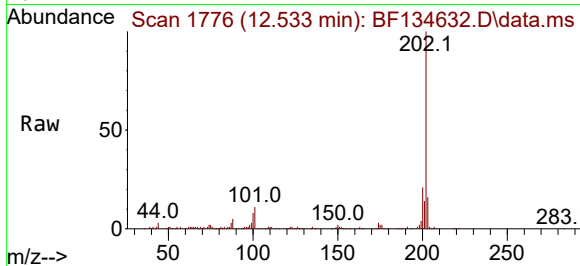




#75
Fluoranthene
Concen: 2.582 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

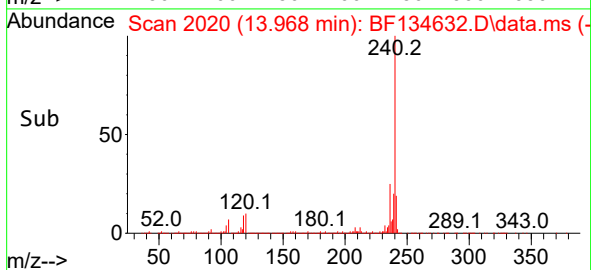
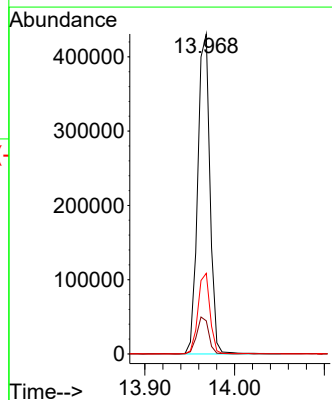
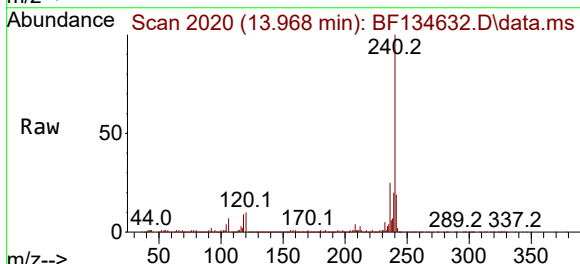
Instrument :
BNA_F
ClientSampleId :
MCLEAN-TP6

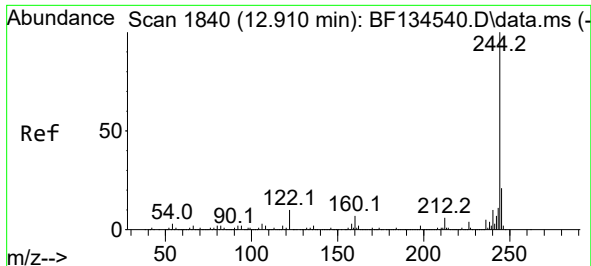
Tgt Ion:202 Resp: 60999
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 16.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134632.D
Acq: 04 Aug 2023 14:52

Tgt Ion:240 Resp: 407542
Ion Ratio Lower Upper
240 100
120 10.4 6.6 10.0#
236 25.2 20.2 30.2

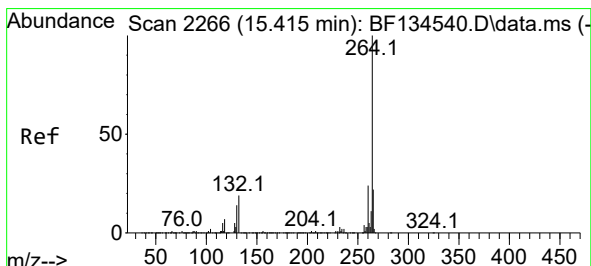
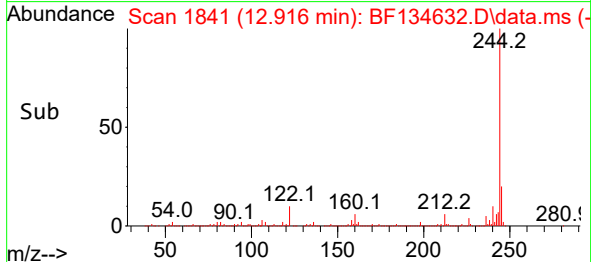
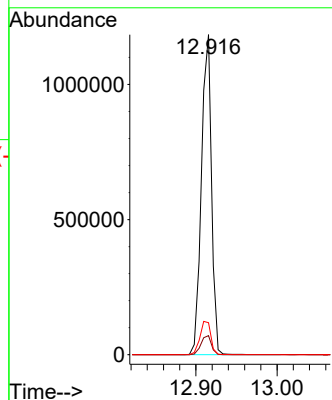
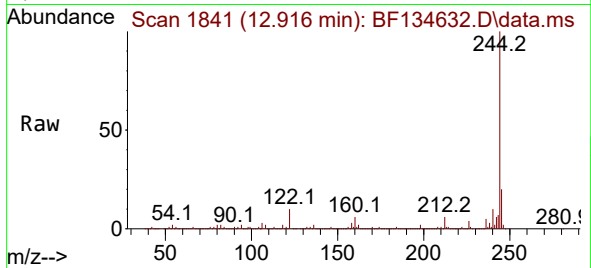




#79
 Terphenyl-d14
 Concen: 44.376 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

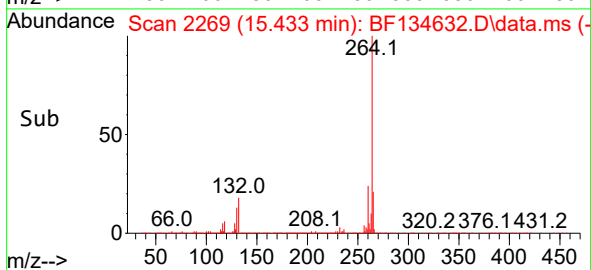
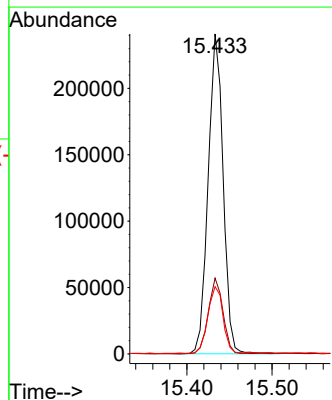
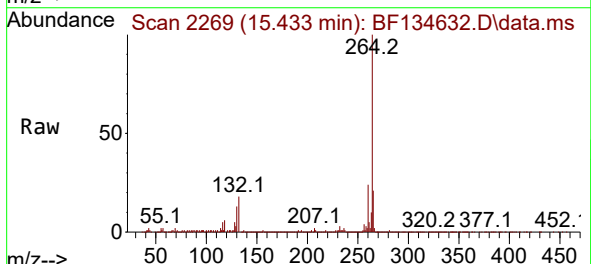
Instrument :
 BNA_F
 ClientSampleId :
 MCLEAN-TP6

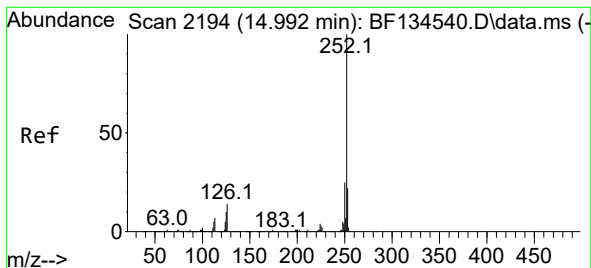
Tgt Ion:244 Resp: 1025902
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.6 8.4
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134632.D
 Acq: 04 Aug 2023 14:52

Tgt Ion:264 Resp: 294347
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.1 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.272 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Instrument :

BNA_F

ClientSampleId :

MCLEAN-TP6

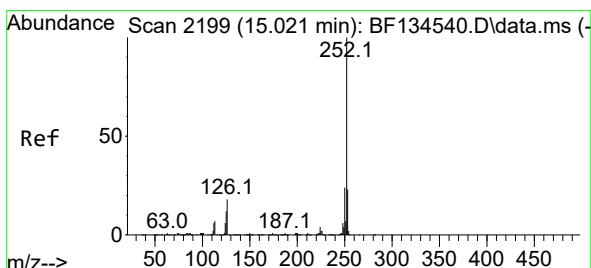
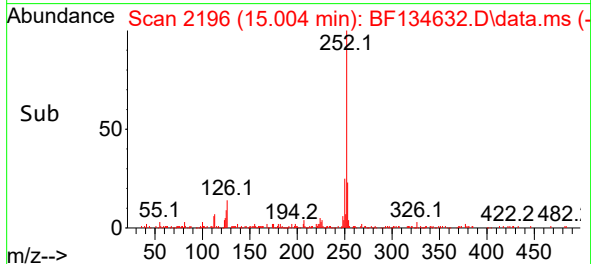
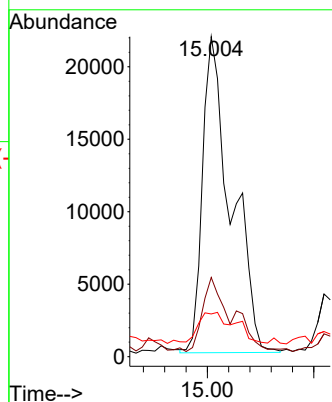
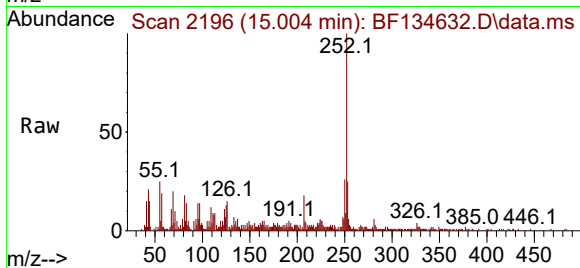
Tgt Ion:252 Resp: 40785

Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

125 13.3 6.0 9.0#



#89

Benzo(k)fluoranthene

Concen: 2.281 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.035 min

Lab File: BF134632.D

Acq: 04 Aug 2023 14:52

Tgt Ion:252 Resp: 40785

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

125 13.3 6.3 9.5#

