

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134792.D
 Acq On : 15 Aug 2023 19:24
 Operator : CG\JU
 Sample : 04012-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-081423

Quant Time: Aug 16 03:13:30 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)

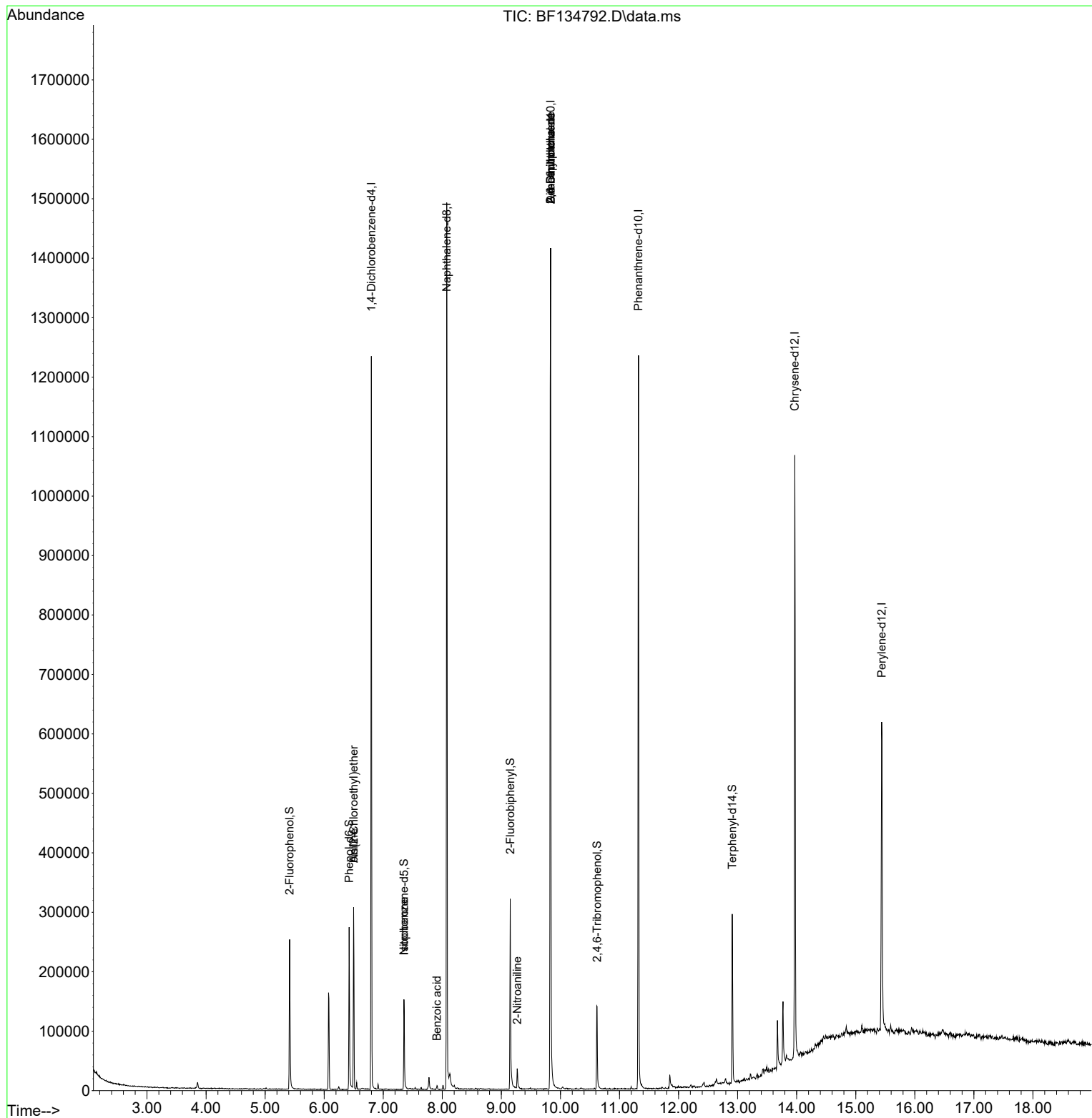
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	159165	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	625505	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	298414	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	460555	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	358177	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	270197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	69190	6.608	ng	-0.01
7) Phenol-d6	6.422	99	87453	6.534	ng	-0.02
23) Nitrobenzene-d5	7.351	82	47800	4.776	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	19953	6.559	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	105772	5.893	ng	-0.01
79) Terphenyl-d14	12.910	244	93134	4.584	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	6.498	93	60089	3.423	ng	# 44
11) bis(2-Chloroethyl)ether	6.498	93	60089	5.735	ng	# 18
25) Isophorone	7.351	82	47800	2.190	ng	# 65
32) Benzoic acid	7.910	122	53	7.874	ng	# 7
48) 2-Nitroaniline	9.269	65	220	3.204	ng	# 8
50) Dimethylphthalate	9.833	163	60008	2.950	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	39223	11.418	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	39223	10.181	ng	# 18

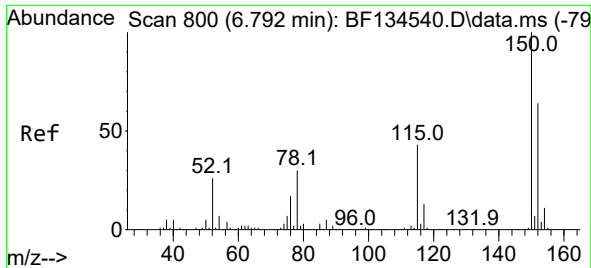
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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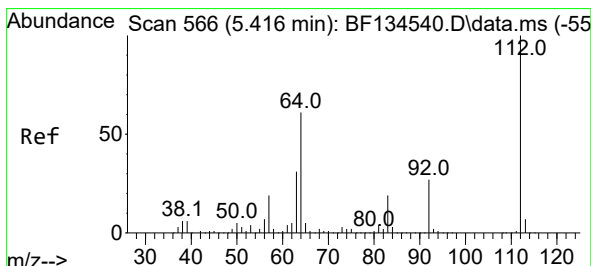
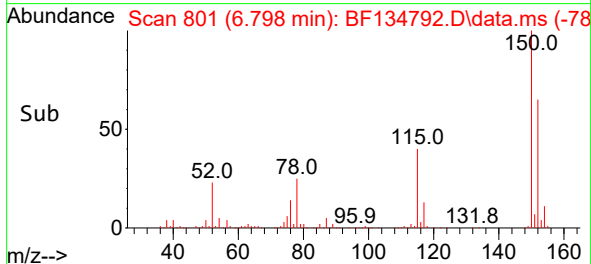
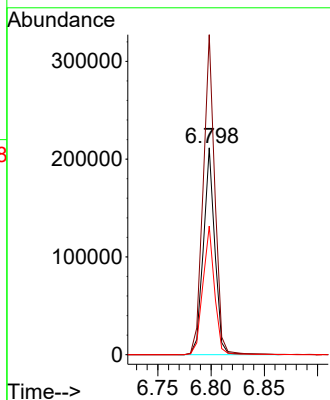
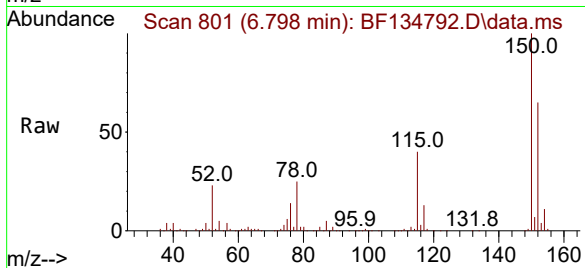




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

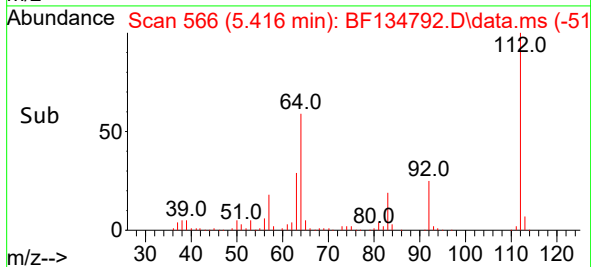
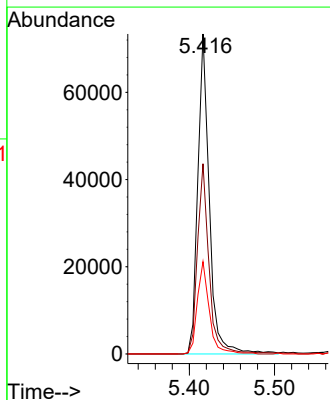
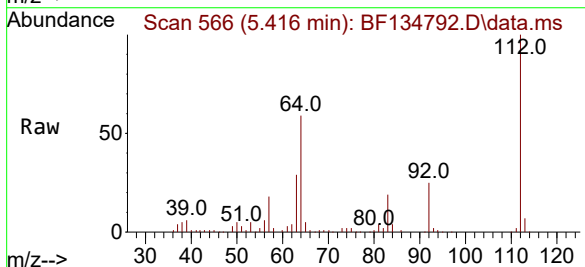
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

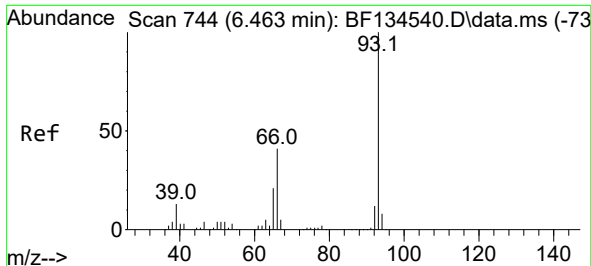
Tgt Ion:152 Resp: 159165
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 62.2 52.4 78.6



#5
2-Fluorophenol
Concen: 6.608 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion:112 Resp: 69190
Ion Ratio Lower Upper
112 100
64 59.4 44.9 67.3
63 28.9 25.4 38.0





#6

Aniline

Concen: 3.423 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.029 min

Lab File: BF134792.D

Acq: 15 Aug 2023 19:24

Instrument :

BNA_F

ClientSampleId :

HD-02-081423

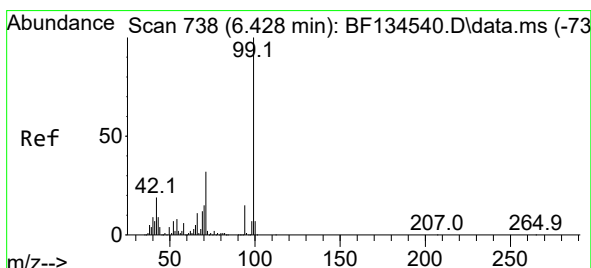
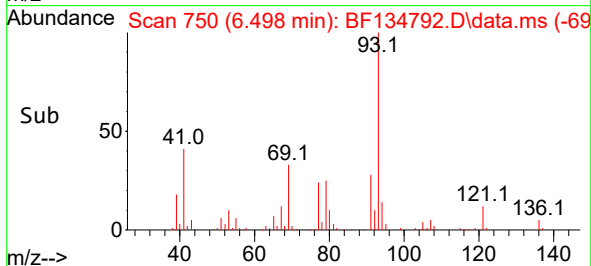
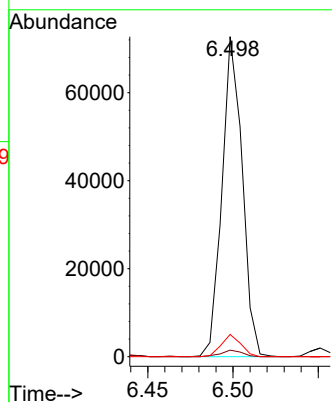
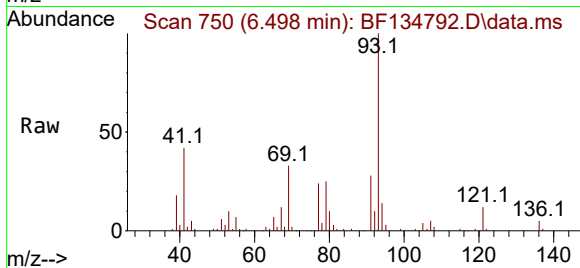
Tgt Ion: 93 Resp: 60089

Ion Ratio Lower Upper

93 100

66 2.0 36.8 55.2#

65 6.9 19.4 29.0#



#7

Phenol-d6

Concen: 6.534 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.018 min

Lab File: BF134792.D

Acq: 15 Aug 2023 19:24

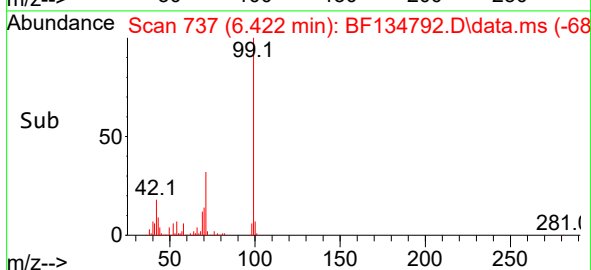
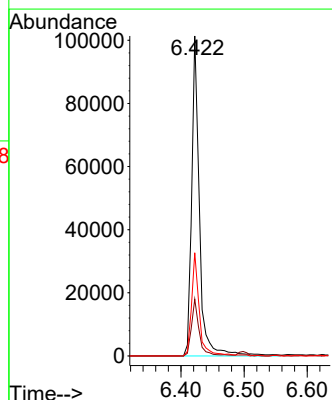
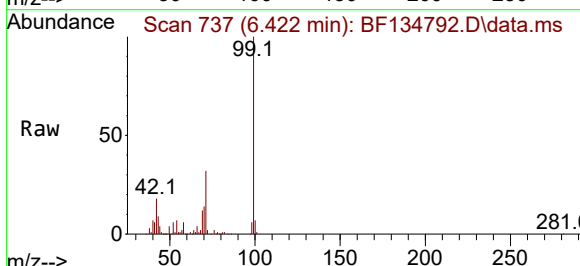
Tgt Ion: 99 Resp: 87453

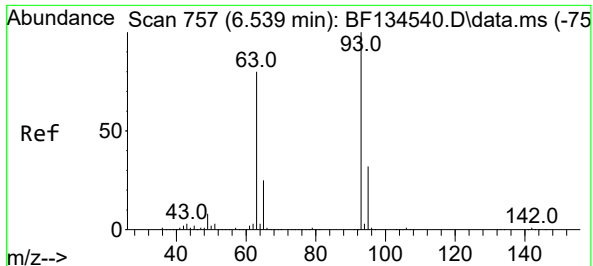
Ion Ratio Lower Upper

99 100

42 17.7 18.7 28.1#

71 32.2 36.4 54.6#

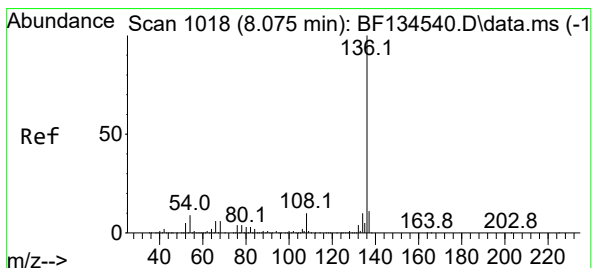
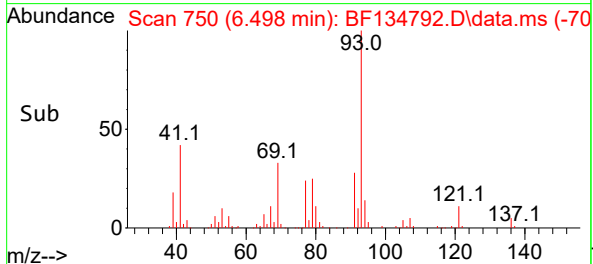
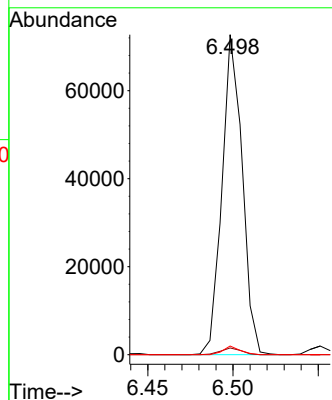
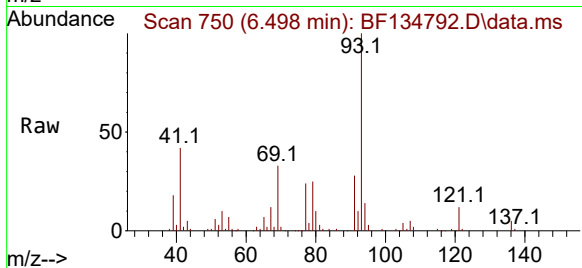




#11
bis(2-Chloroethyl)ether
Concen: 5.735 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.047 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

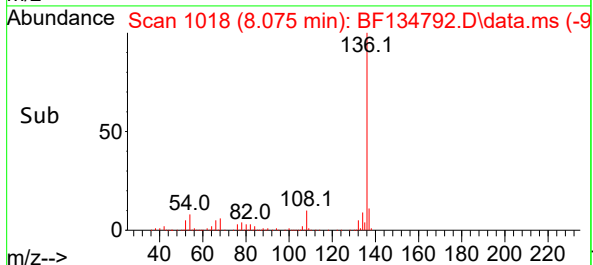
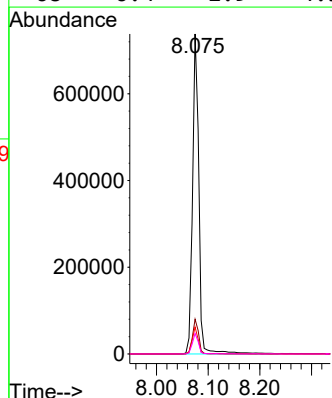
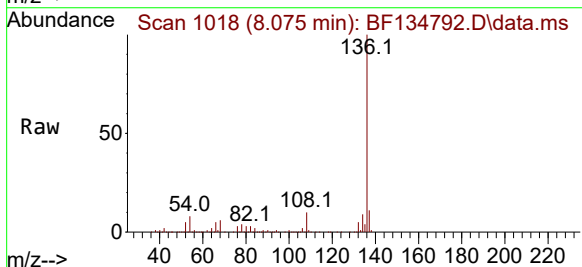
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

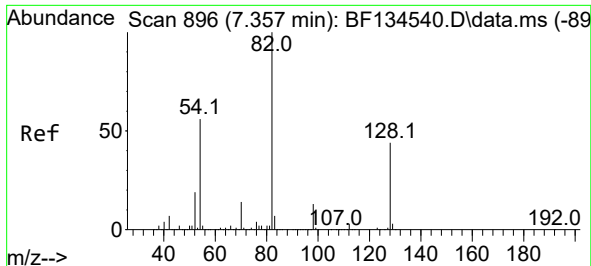
Tgt Ion: 93 Resp: 60089
Ion Ratio Lower Upper
93 100
63 2.1 68.4 108.4#
95 2.7 12.4 52.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion:136 Resp: 625505
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 4.776 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134792.D

Acq: 15 Aug 2023 19:24

Instrument :

BNA_F

ClientSampleId :

HD-02-081423

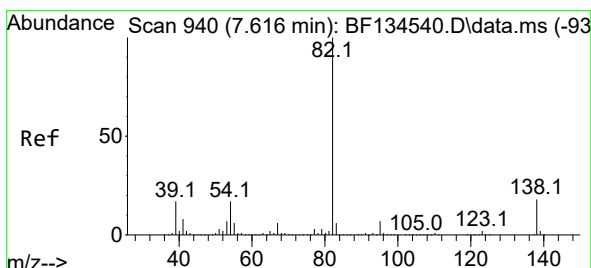
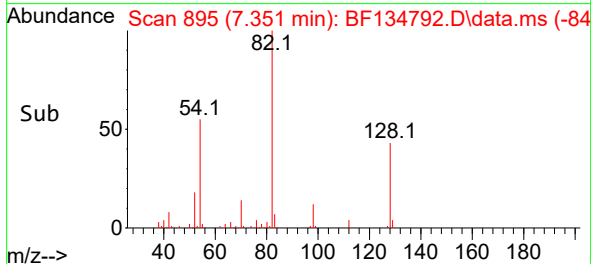
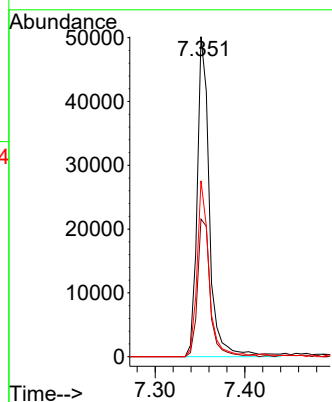
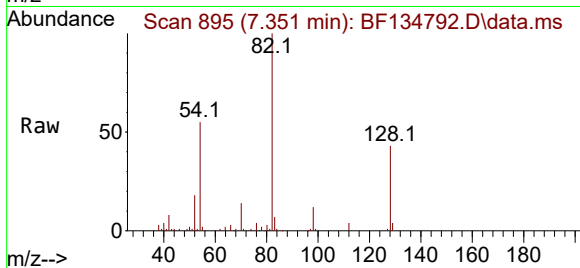
Tgt Ion: 82 Resp: 47800

Ion Ratio Lower Upper

82 100

128 43.0 34.3 51.5

54 55.0 43.8 65.6



#25

Isophorone

Concen: 2.190 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.277 min

Lab File: BF134792.D

Acq: 15 Aug 2023 19:24

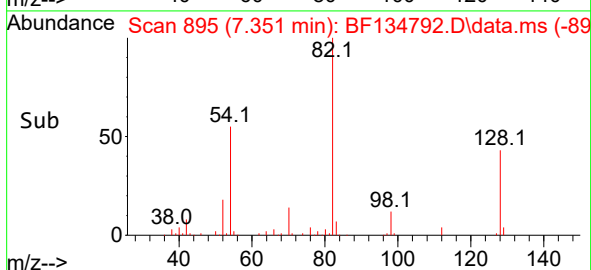
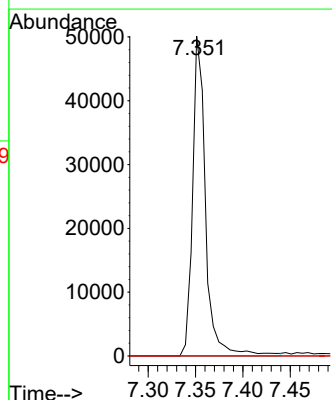
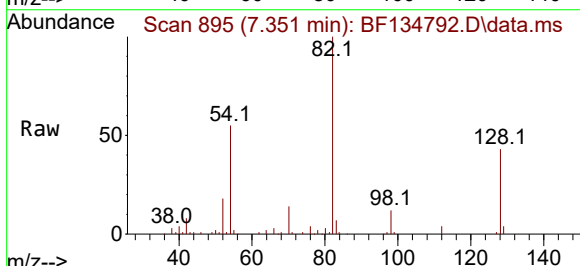
Tgt Ion: 82 Resp: 47800

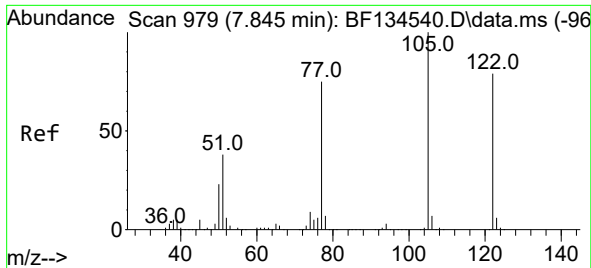
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#

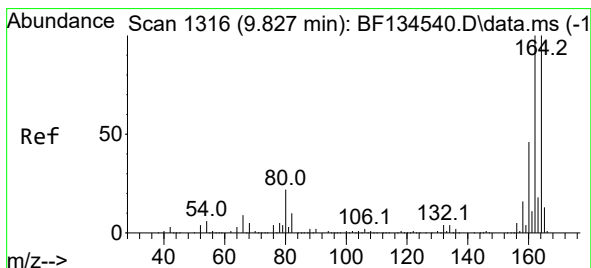
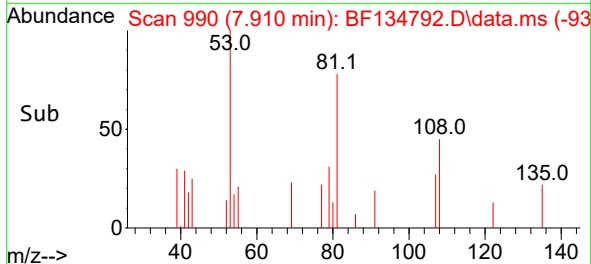
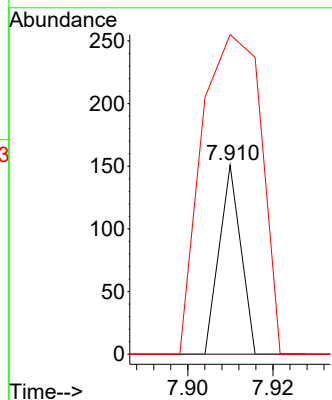
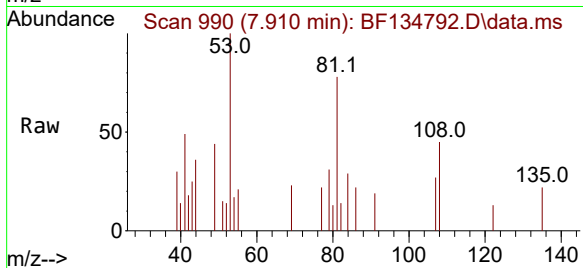




#32
Benzoic acid
Concen: 7.874 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

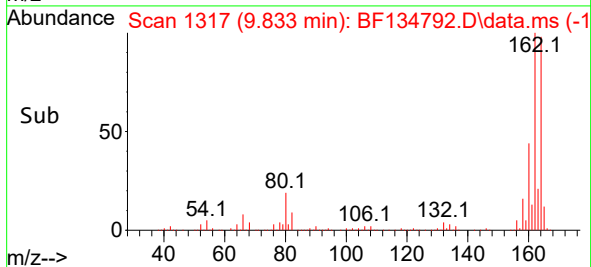
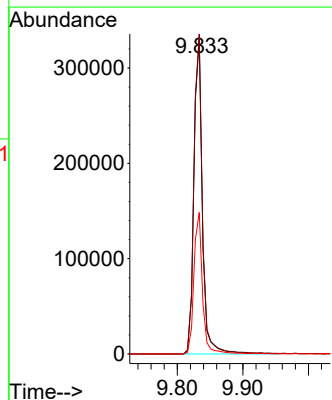
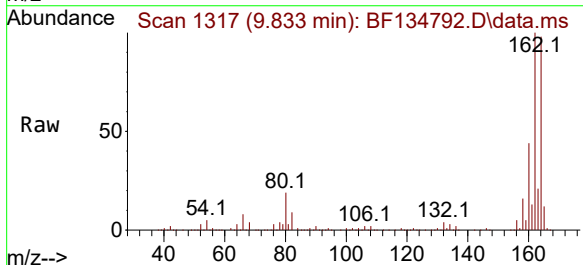
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

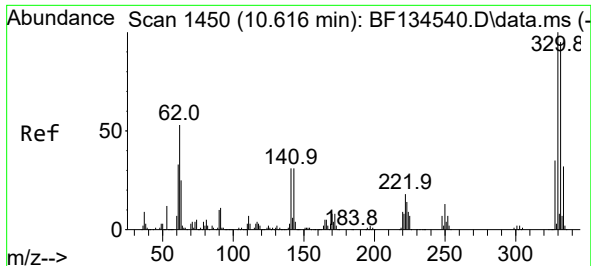
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 168.9 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion:164 Resp: 298414
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.1 37.2 55.8

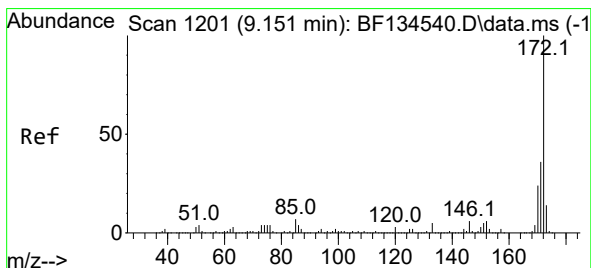
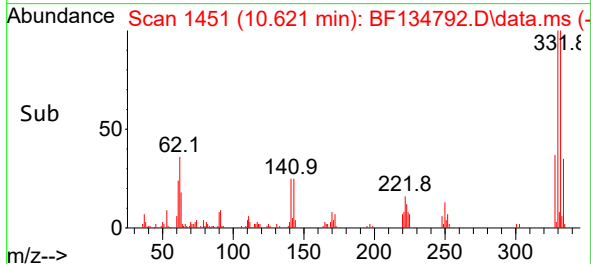
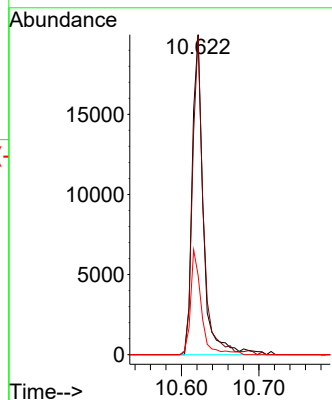
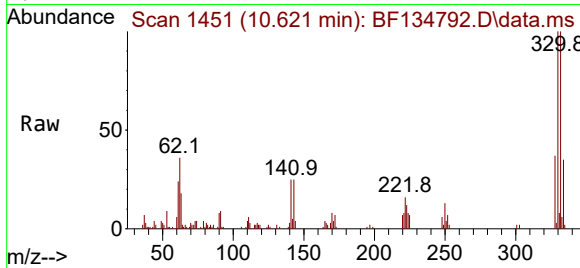




#42
2,4,6-Tribromophenol
Concen: 6.559 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

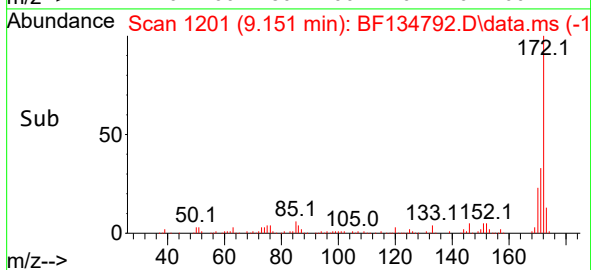
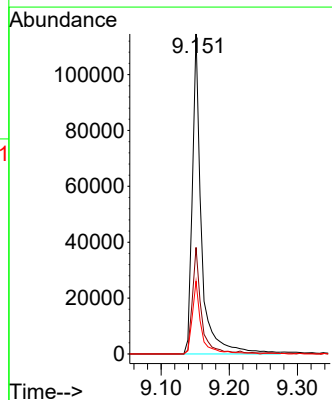
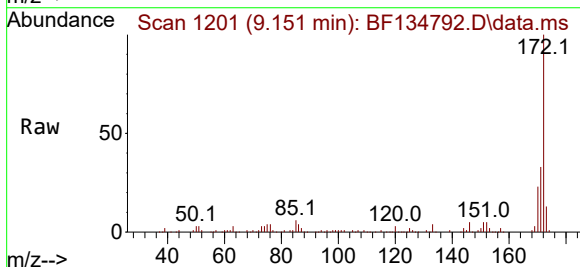
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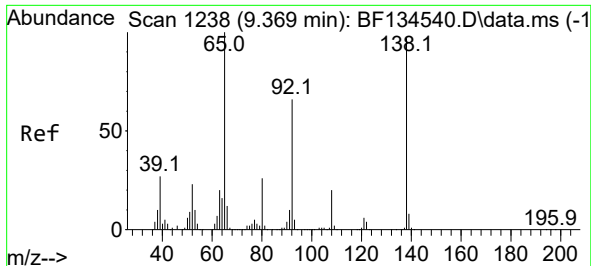
Tgt Ion: 330 Resp: 19953
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 31.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 5.893 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion: 172 Resp: 105772
Ion Ratio Lower Upper
172 100
171 33.3 28.8 43.2
170 22.8 18.7 28.1

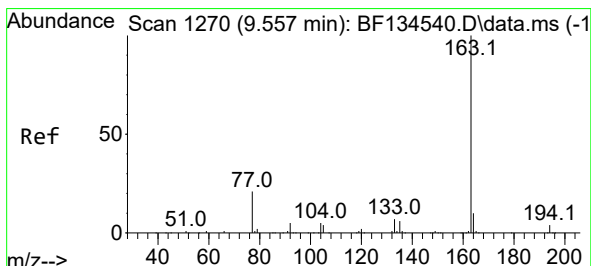
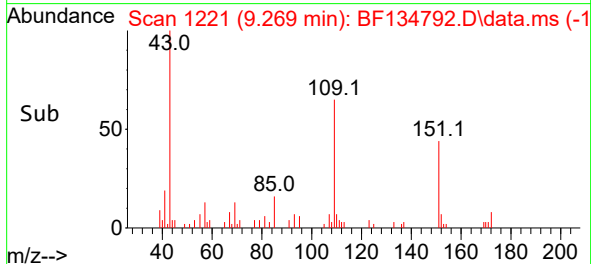
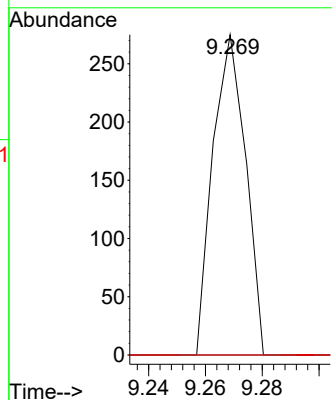
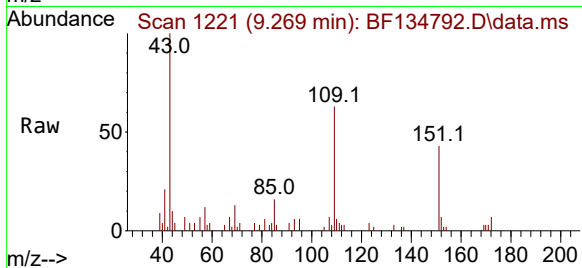




#48
2-Nitroaniline
Concen: 3.204 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

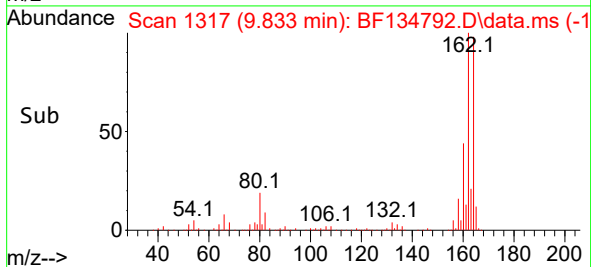
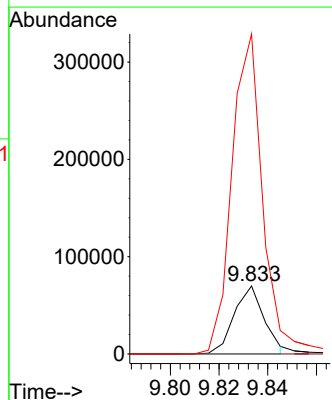
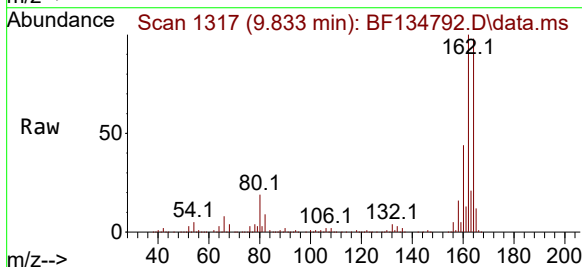
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

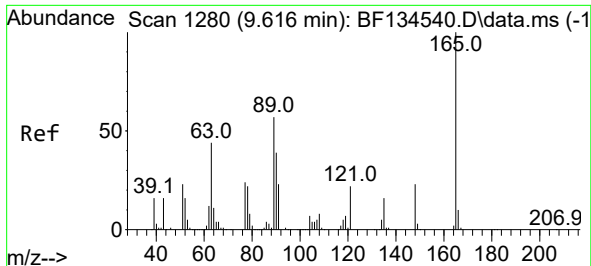
Tgt Ion: 65 Resp: 220
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 2.950 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion: 163 Resp: 60008
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 470.9 7.5 11.3#

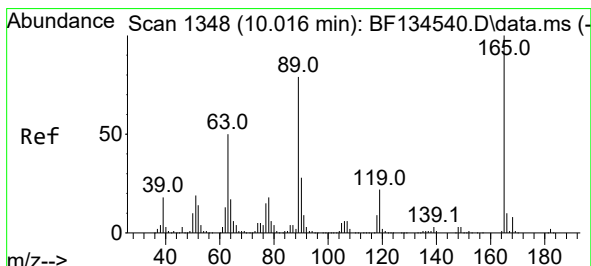
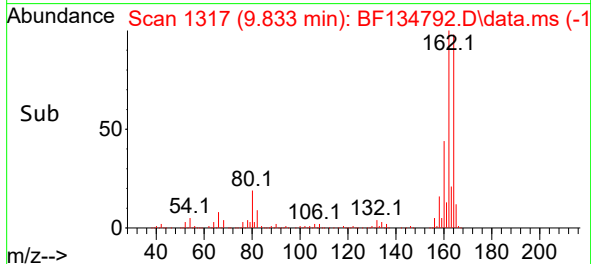
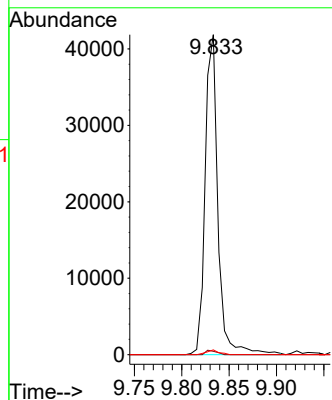
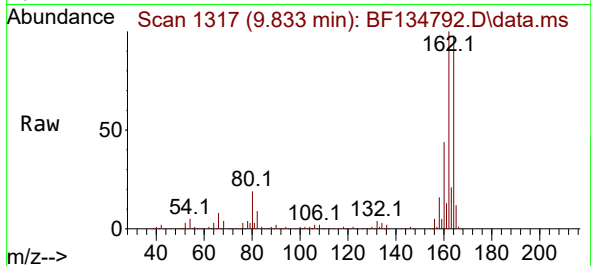




#51
2,6-Dinitrotoluene
Concen: 11.418 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

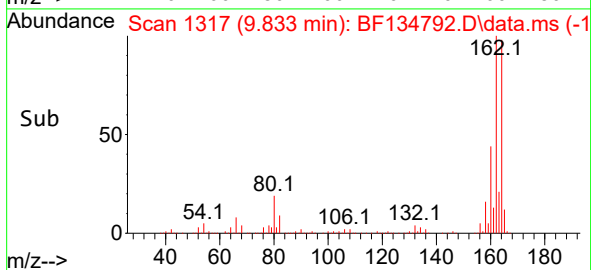
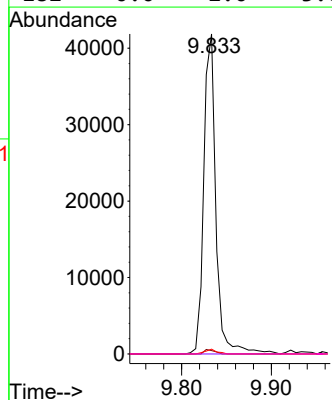
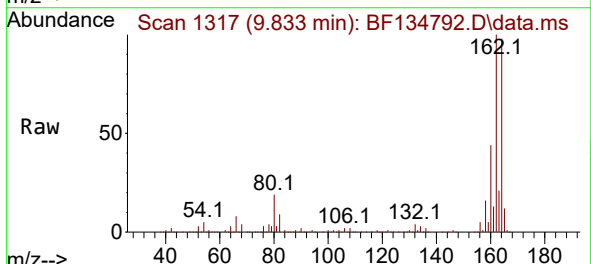
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

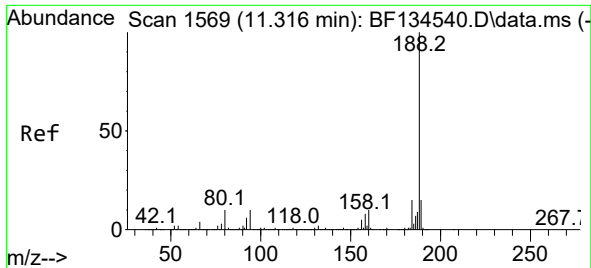
Tgt Ion:165 Resp: 39223
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.5 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.181 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion:165 Resp: 39223
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#

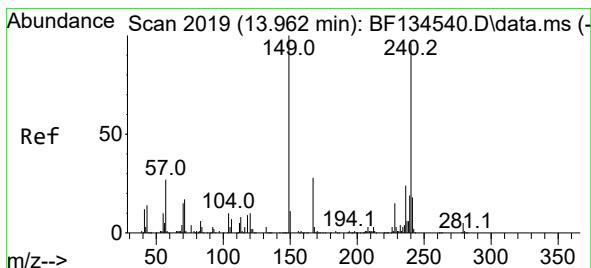
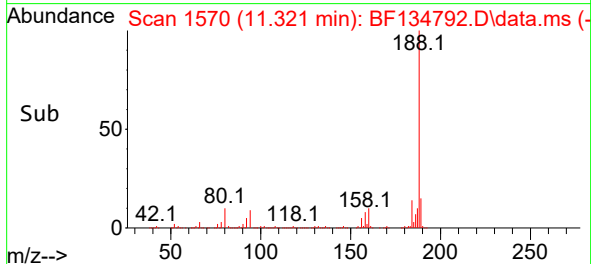
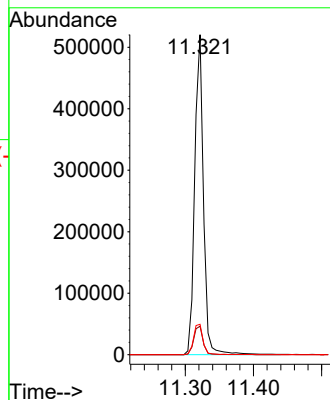
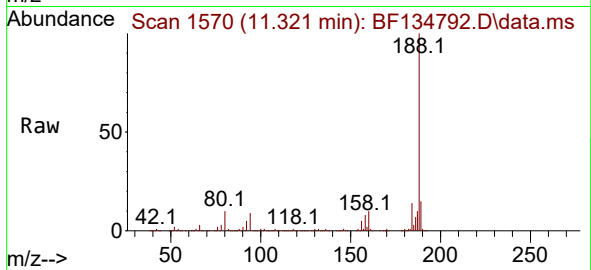




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

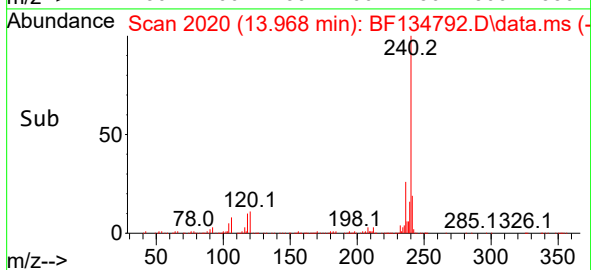
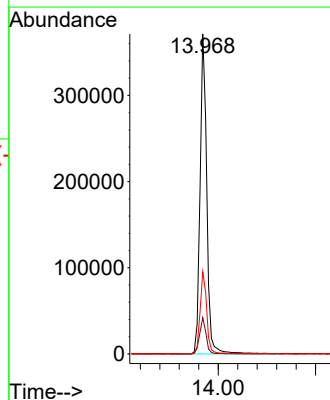
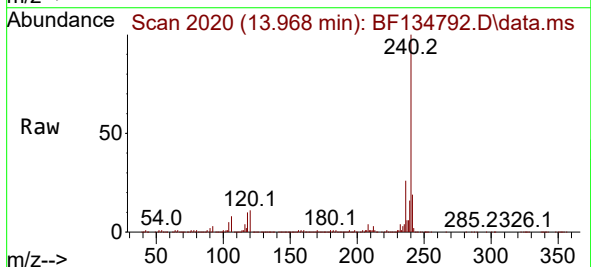
Instrument :
BNA_F
ClientSampleId :
HD-02-081423

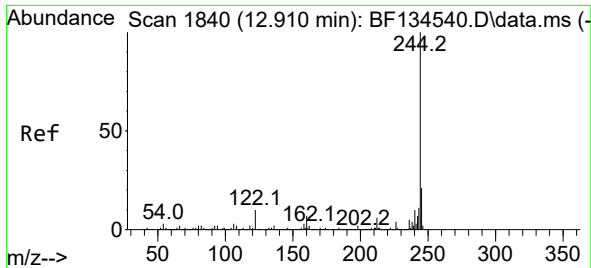
Tgt Ion:188 Resp: 460555
Ion Ratio Lower Upper
188 100
94 8.9 5.1 7.7#
80 9.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134792.D
Acq: 15 Aug 2023 19:24

Tgt Ion:240 Resp: 358177
Ion Ratio Lower Upper
240 100
120 11.3 6.6 10.0#
236 25.6 20.2 30.2

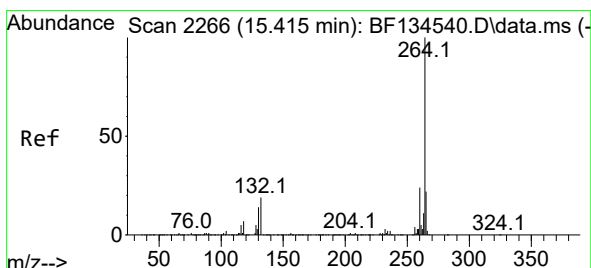
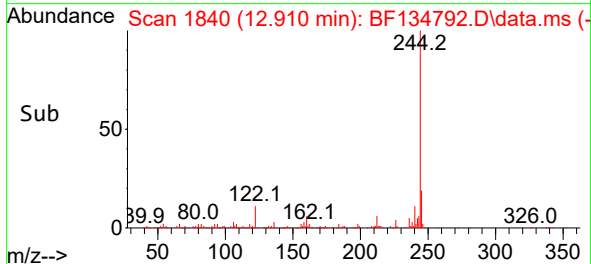
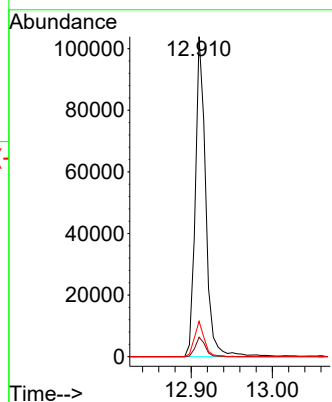
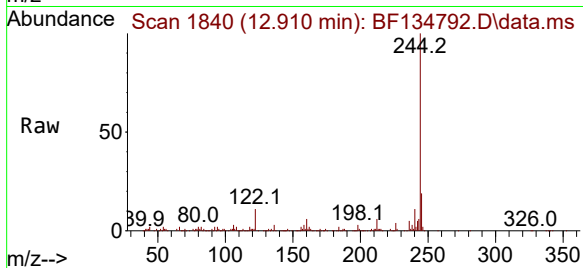




#79
 Terphenyl-d14
 Concen: 4.584 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134792.D
 Acq: 15 Aug 2023 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-081423

Tgt Ion:244 Resp: 93134
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 11.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134792.D
 Acq: 15 Aug 2023 19:24

Tgt Ion:264 Resp: 270197
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.0 15.8 23.8

