

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134691.D
 Acq On : 09 Aug 2023 15:44
 Operator : CG\JU
 Sample : 03939-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORA-1748-1719-1750-1751-1752-1753-1754

Quant Time: Aug 10 01:40:35 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)

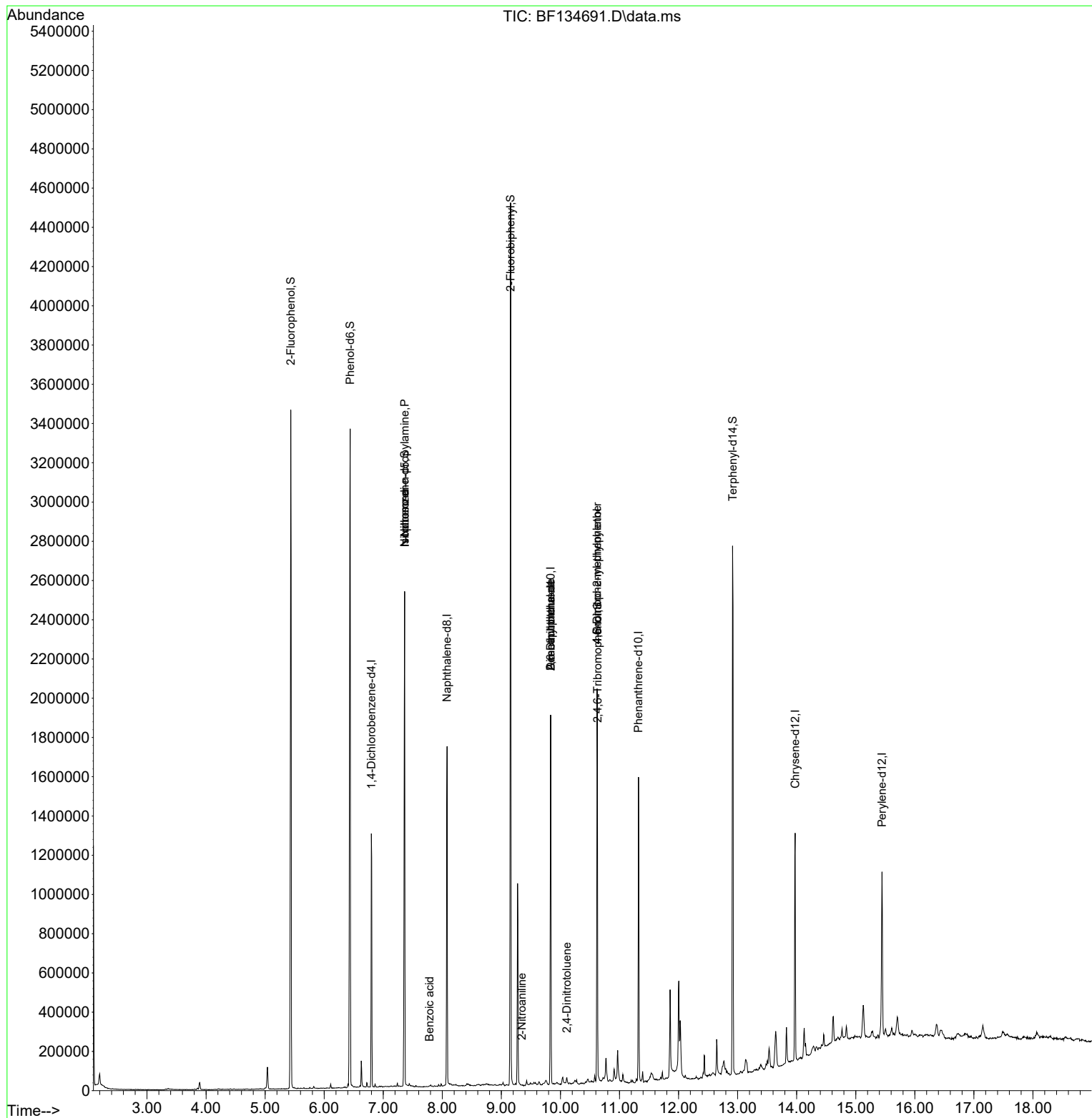
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	186520	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	732191	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	348719	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	519597	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	397771	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	379072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	945170	77.029	ng	0.00
7) Phenol-d6	6.439	99	1225471	78.129	ng	0.00
23) Nitrobenzene-d5	7.363	82	756809	64.594	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	239313	67.320	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1274315	60.759	ng	0.00
79) Terphenyl-d14	12.916	244	993056	44.011	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	1135	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.363	70	101302	10.787 ng	#	74
25) Isophorone	7.363	82	748241	29.280 ng	#	65
32) Benzoic acid	7.786	122	404	7.913 ng		89
48) 2-Nitroaniline	9.345	65	397	3.225 ng	#	23
50) Dimethylphthalate	9.833	163	74422	3.131 ng	#	1
51) 2,6-Dinitrotoluene	9.833	165	46895	11.625 ng	#	17
57) 2,4-Dinitrotoluene	10.110	165	4353	3.547 ng	#	38
65) 4,6-Dinitro-2-methylph...	10.622	198	598	8.932 ng	#	1
67) 4-Bromophenyl-phenylether	10.622	248	15451	2.716 ng	#	1

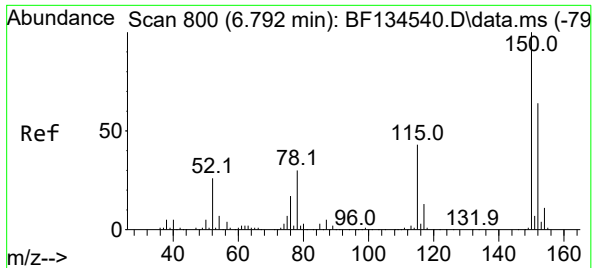
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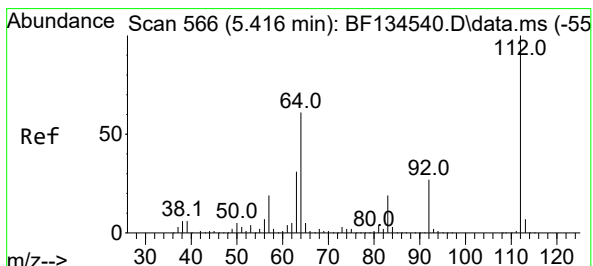
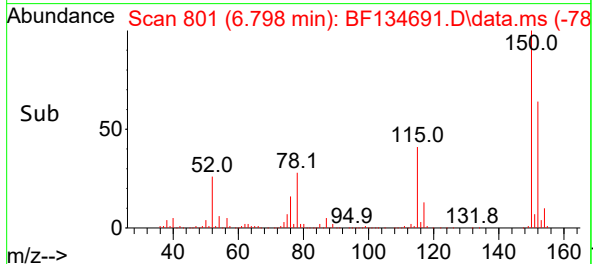
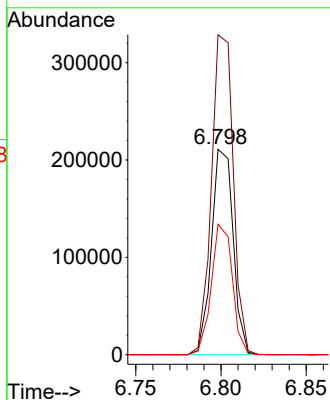
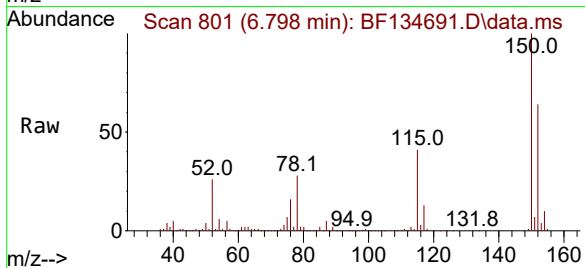




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

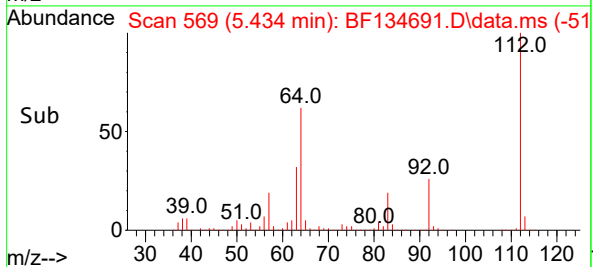
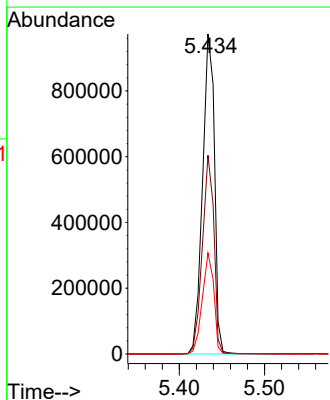
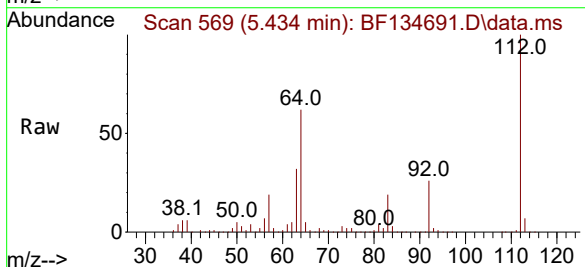
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

Tgt Ion:152 Resp: 186520
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 63.5 52.4 78.6



#5
2-Fluorophenol
Concen: 77.029 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:112 Resp: 945170
Ion Ratio Lower Upper
112 100
64 62.1 44.9 67.3
63 31.6 25.4 38.0

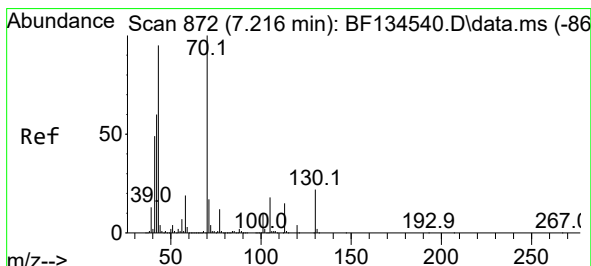
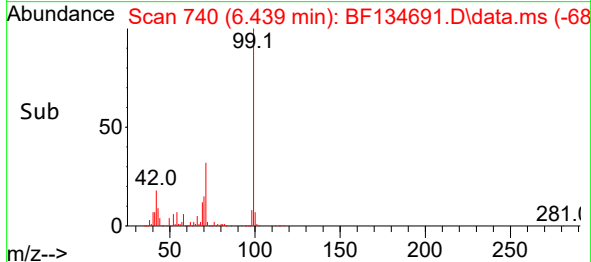
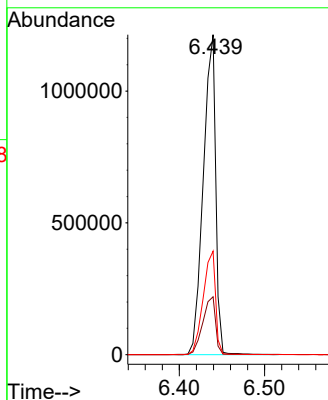
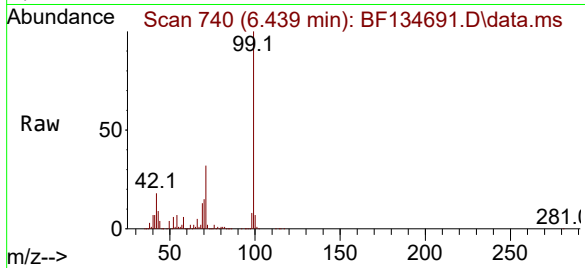




#7
Phenol-d6
Concen: 78.129 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

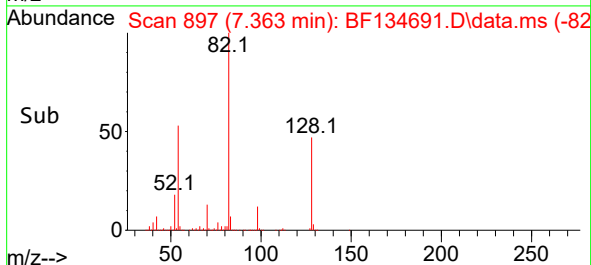
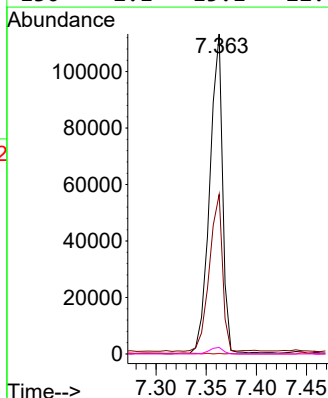
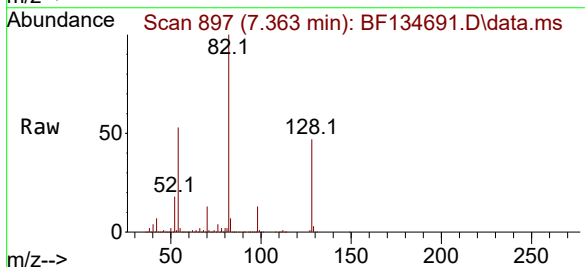
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

Tgt Ion: 99 Resp: 1225471
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 32.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.787 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion: 70 Resp: 101302
Ion Ratio Lower Upper
70 100
42 49.9 54.7 82.1#
101 0.2 8.2 12.2#
130 2.1 15.1 22.7#

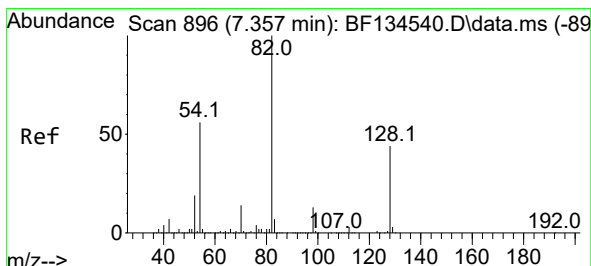
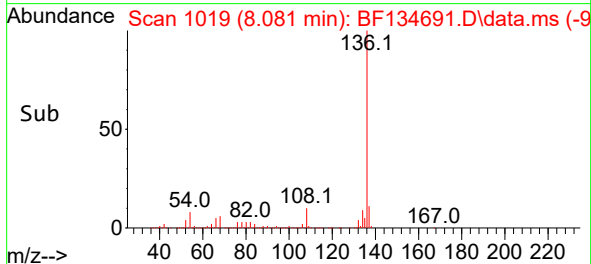
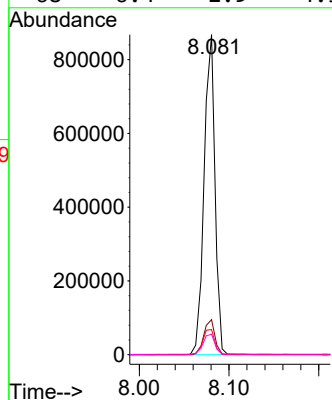
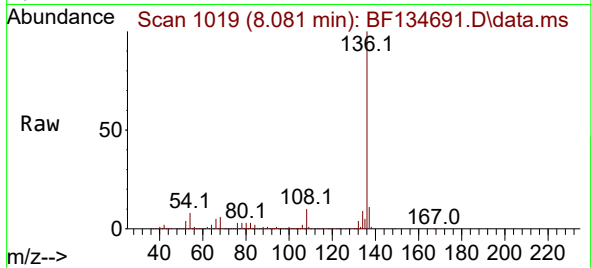




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

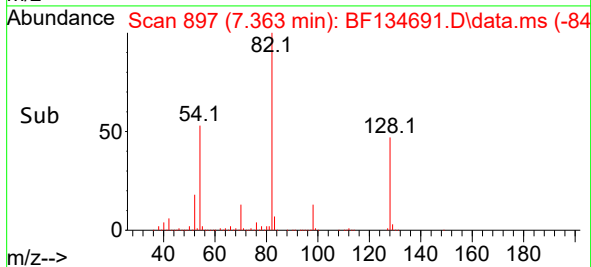
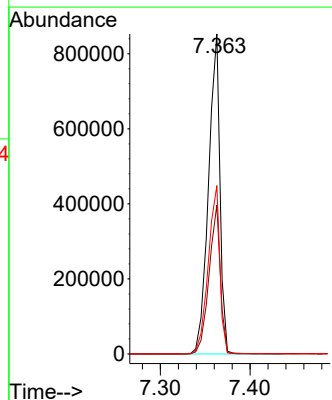
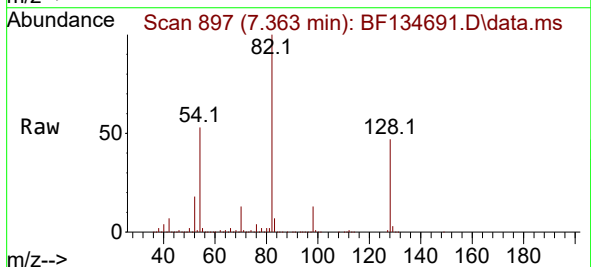
Instrument : BNA_F
ClientSampleId : ORA-1748-1719-1750-1751-1752-1753-1754

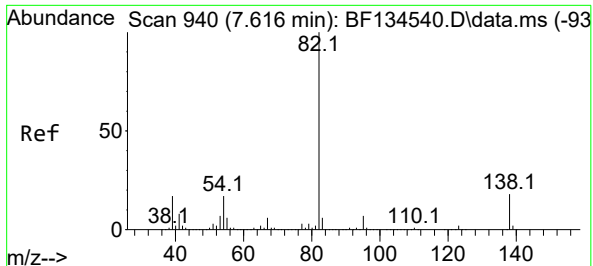
Tgt Ion:136 Resp: 732191
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 64.594 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion: 82 Resp: 756809
Ion Ratio Lower Upper
82 100
128 46.6 34.3 51.5
54 52.6 43.8 65.6

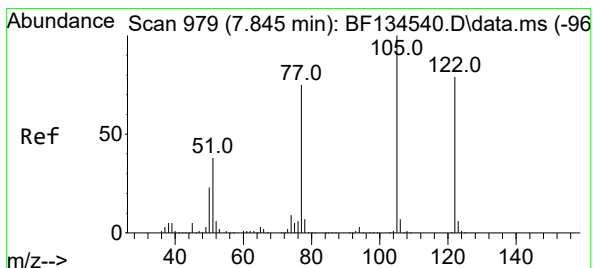
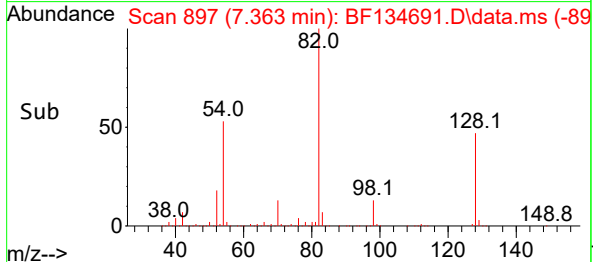
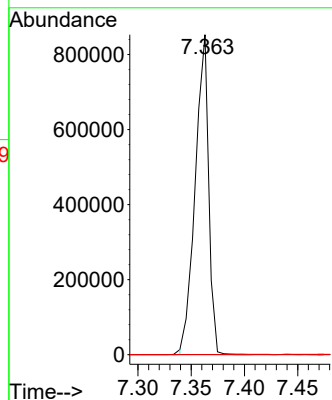
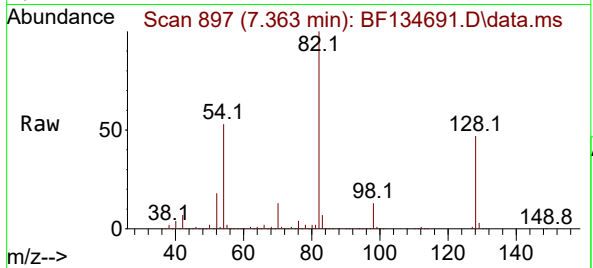




#25
Isophorone
Concen: 29.280 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

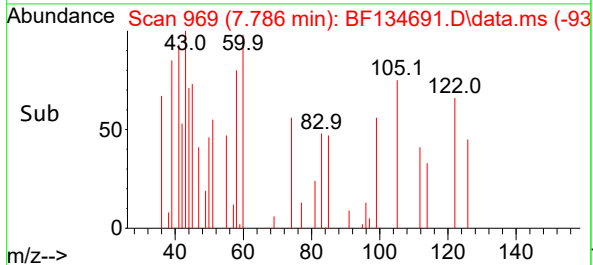
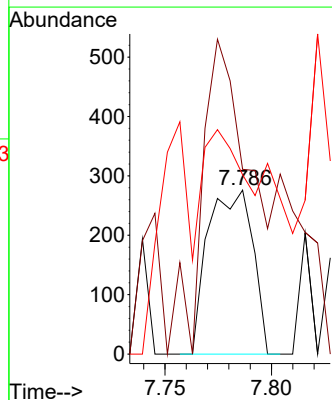
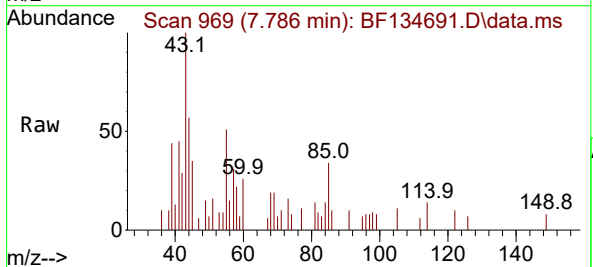
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

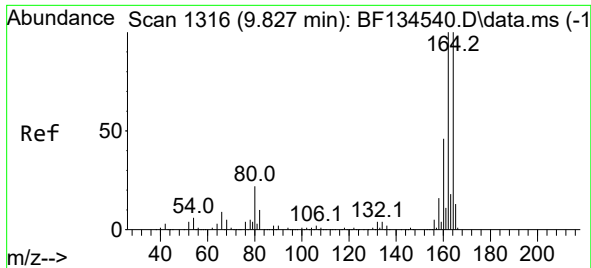
Tgt Ion: 82 Resp: 748241
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.913 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.077 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:122 Resp: 404
Ion Ratio Lower Upper
122 100
105 112.7 87.5 127.5
77 109.4 71.4 111.4

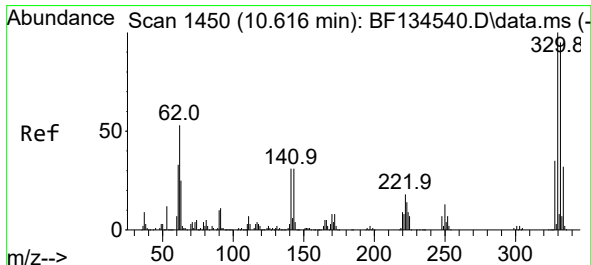
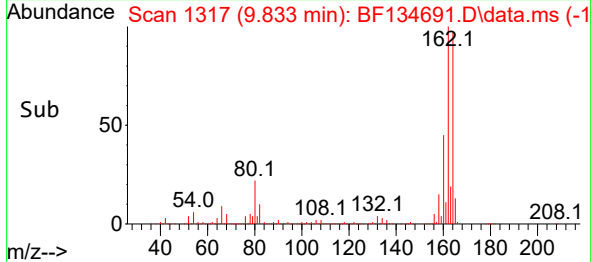
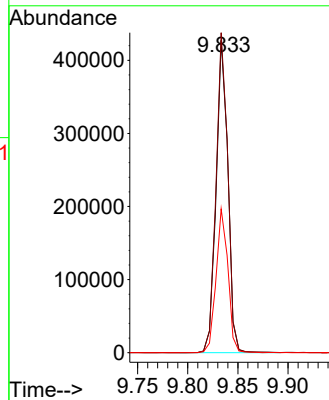
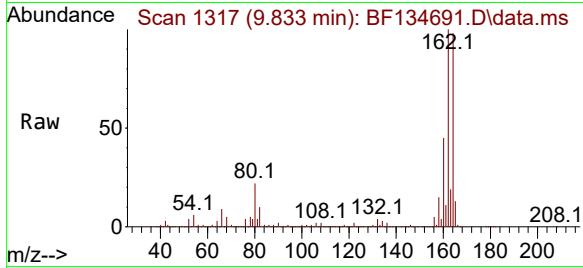




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

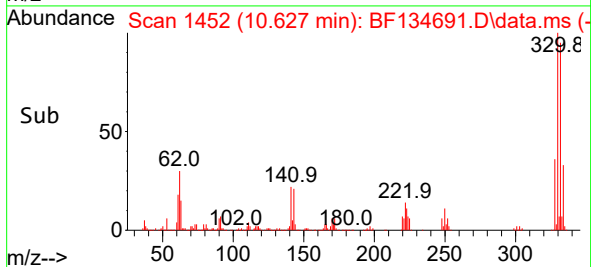
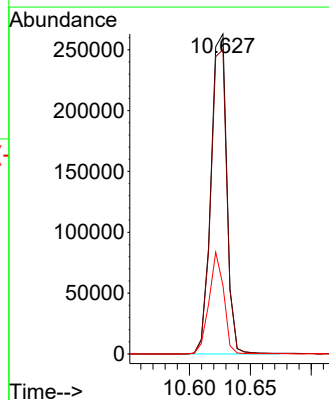
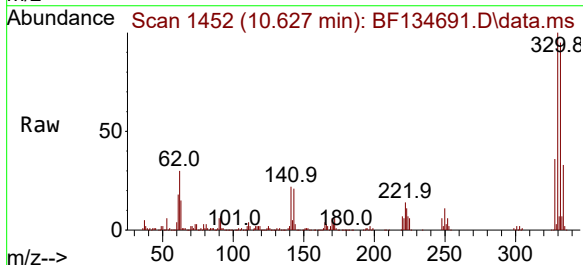
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

Tgt Ion:164 Resp: 348719
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 46.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 67.320 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:330 Resp: 239313
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 29.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 60.759 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134691.D

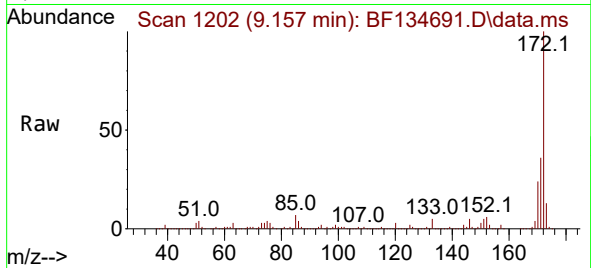
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Instrument :

BNA_F

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754



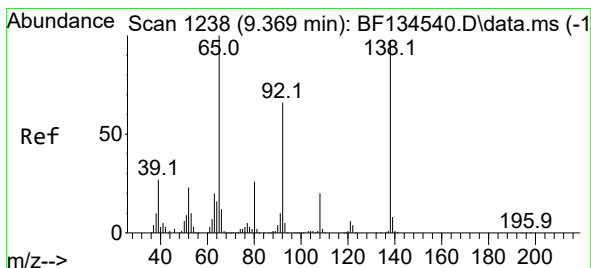
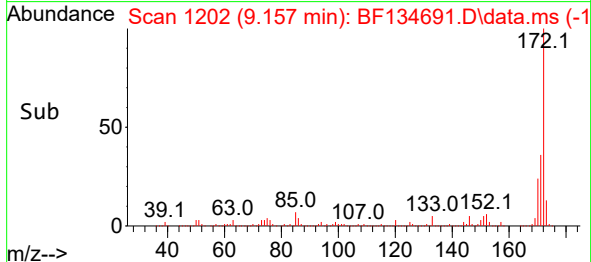
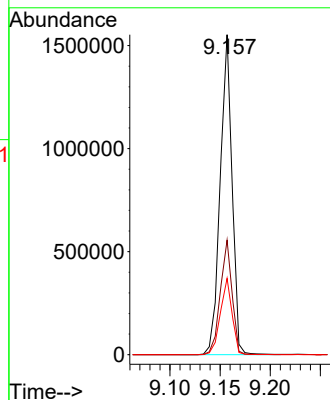
Tgt Ion:172 Resp: 1274315

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.225 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.035 min

Lab File: BF134691.D

Acq: 09 Aug 2023 15:44

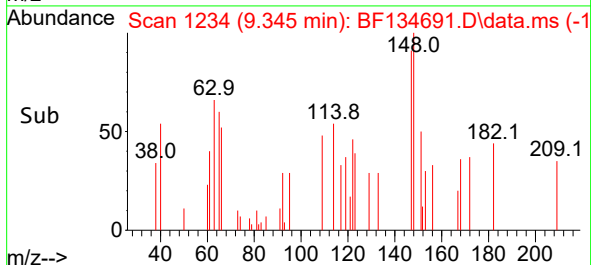
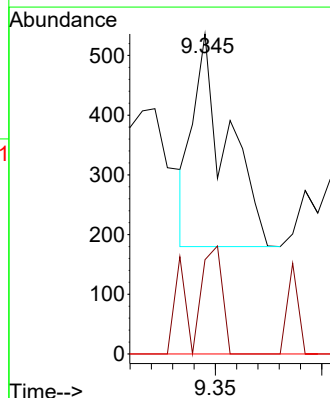
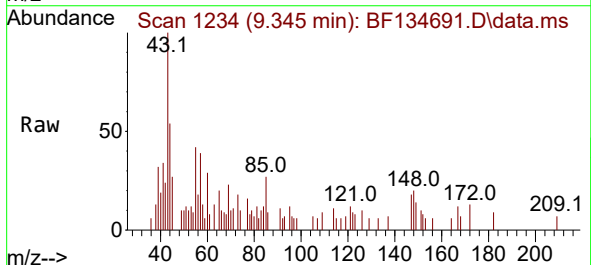
Tgt Ion: 65 Resp: 397

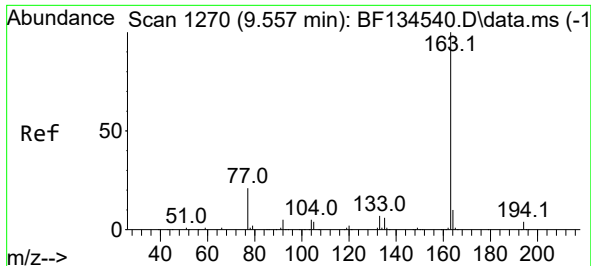
Ion Ratio Lower Upper

65 100

92 29.5 50.7 76.1#

138 0.0 78.2 117.4#

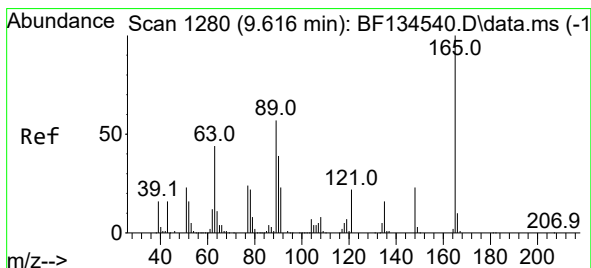
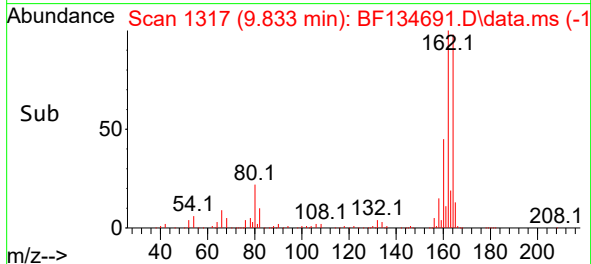
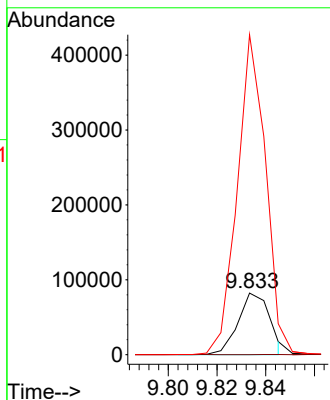
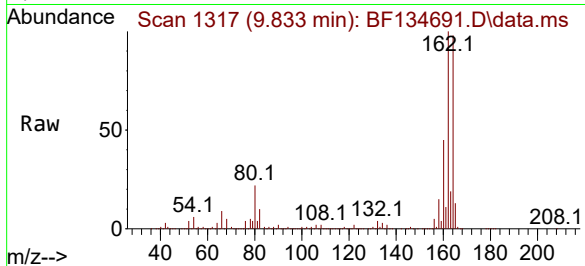




#50
Dimethylphthalate
Concen: 3.131 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

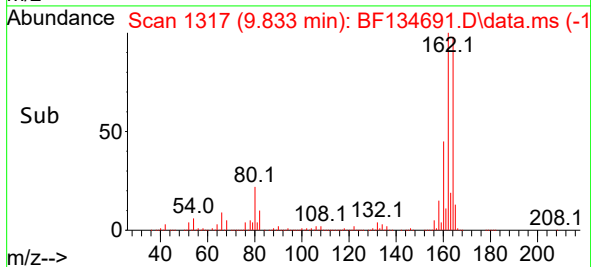
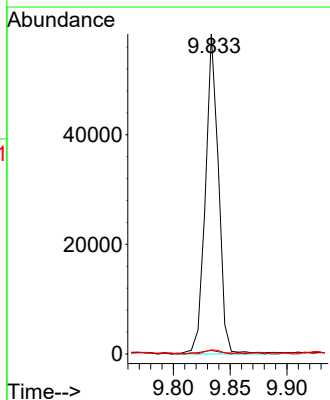
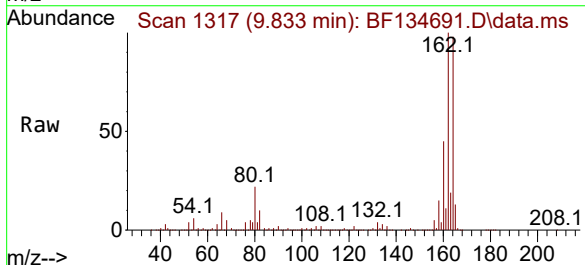
Instrument : BNA_F
ClientSampleId : ORA-1748-1719-1750-1751-1752-1753-1754

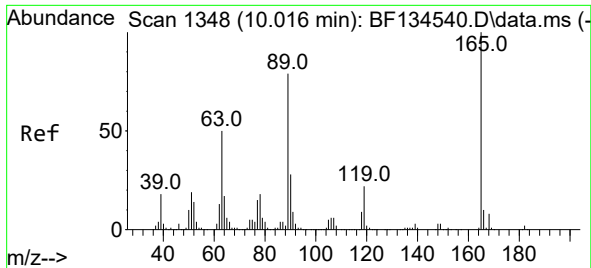
Tgt Ion:163 Resp: 74422
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 519.0 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.625 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:165 Resp: 46895
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.3 51.8 77.8#

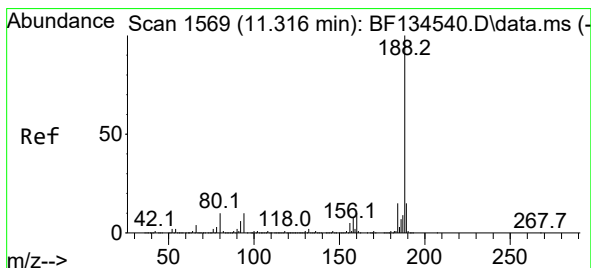
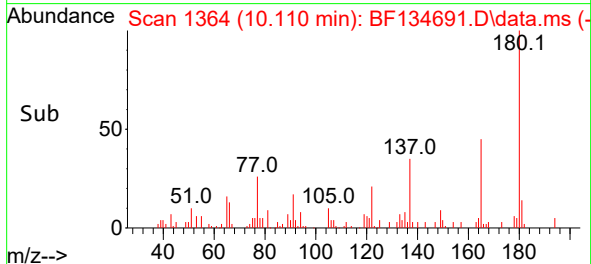
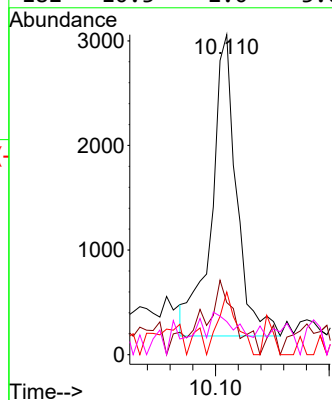
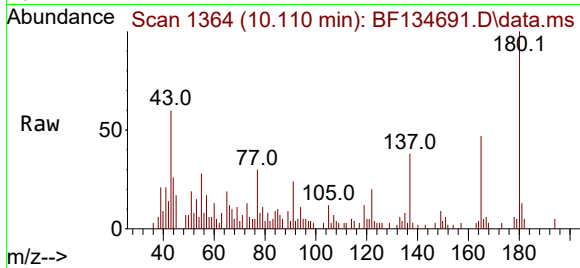




#57
2,4-Dinitrotoluene
Concen: 3.547 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

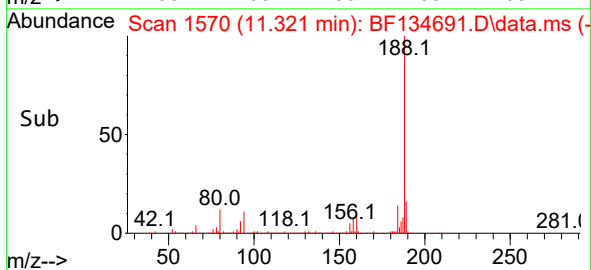
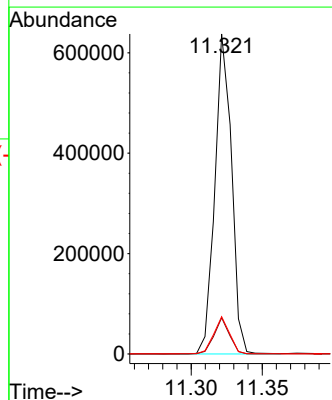
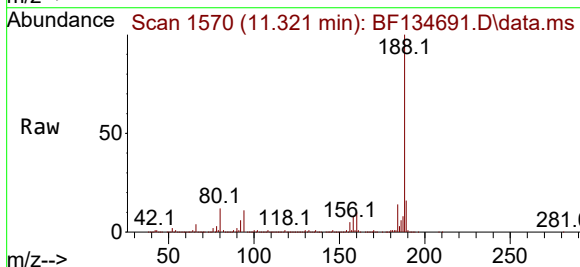
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

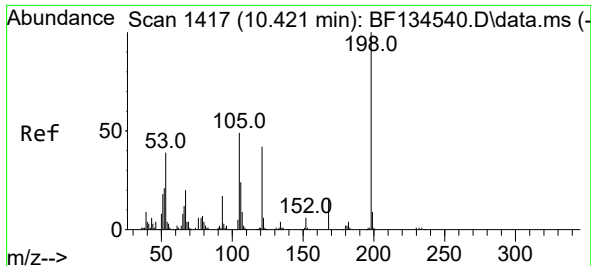
Tgt Ion:165 Resp: 4353
Ion Ratio Lower Upper
165 100
63 16.3 48.9 73.3#
89 19.6 61.7 92.5#
182 10.3 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:188 Resp: 519597
Ion Ratio Lower Upper
188 100
94 11.3 5.1 7.7#
80 11.7 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 8.932 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

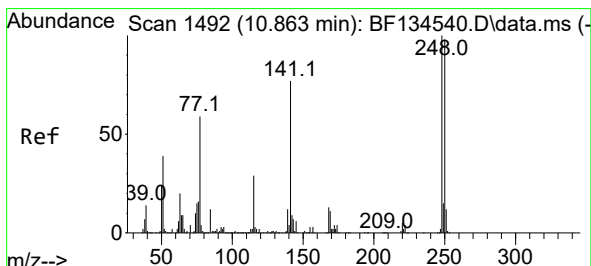
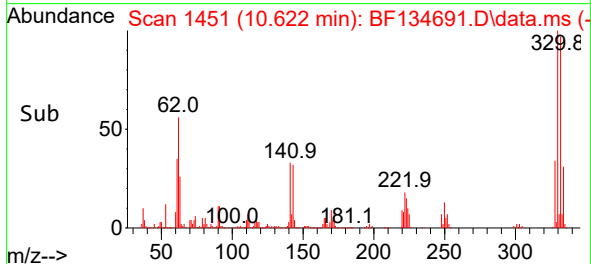
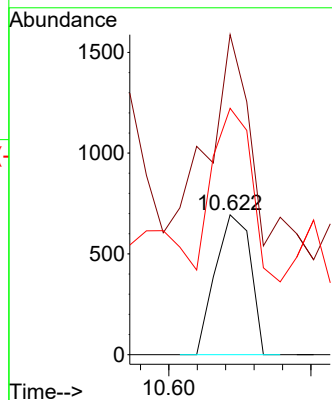
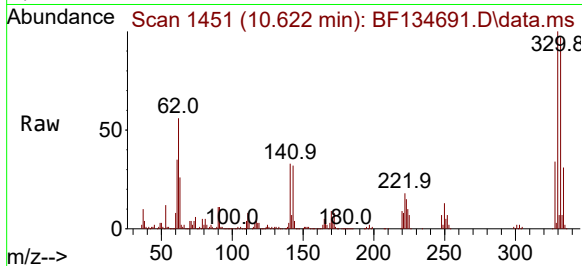
Instrument :

BNA_F

ClientSampleId :

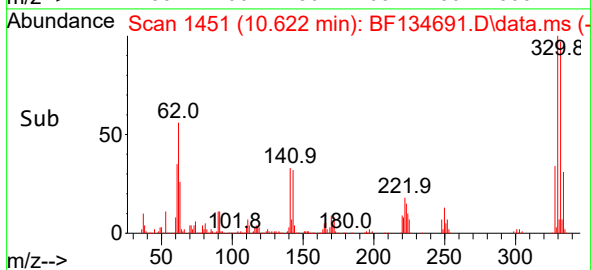
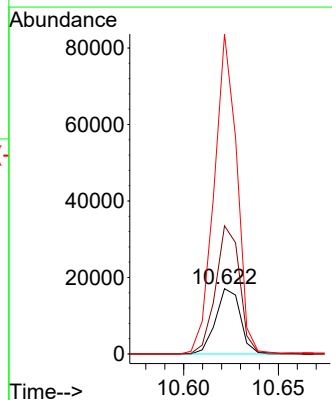
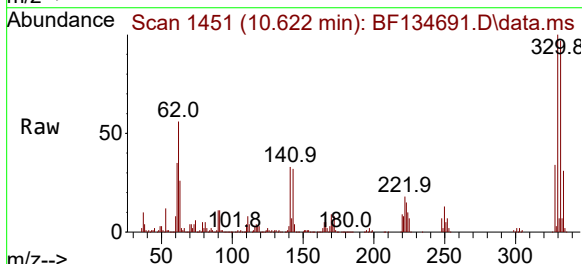
ORA-1748-1719-1750-1751-1752-1753-1754

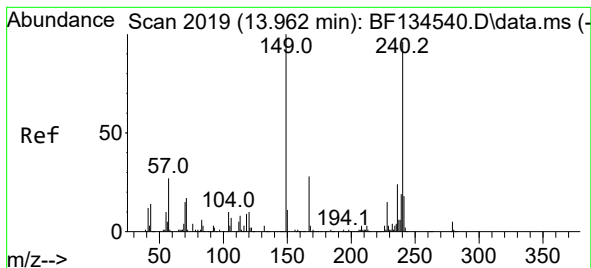
Tgt Ion:198 Resp: 598
Ion Ratio Lower Upper
198 100
51 228.8 38.6 78.6#
105 176.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.716 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134691.D
Acq: 09 Aug 2023 15:44

Tgt Ion:248 Resp: 15451
Ion Ratio Lower Upper
248 100
250 196.4 79.6 119.4#
141 490.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134691.D

Acq: 09 Aug 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754

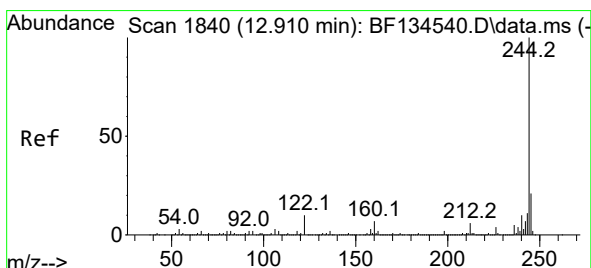
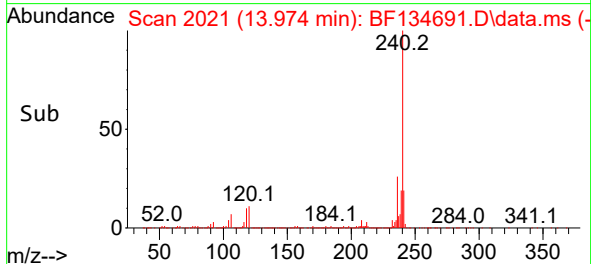
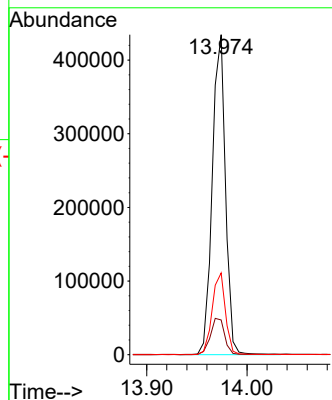
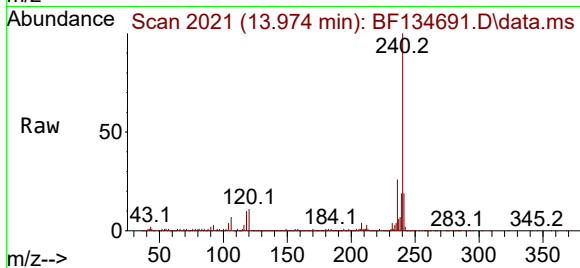
Tgt Ion:240 Resp: 397771

Ion Ratio Lower Upper

240 100

120 10.8 6.6 10.0#

236 25.6 20.2 30.2



#79

Terphenyl-d14

Concen: 44.011 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134691.D

Acq: 09 Aug 2023 15:44

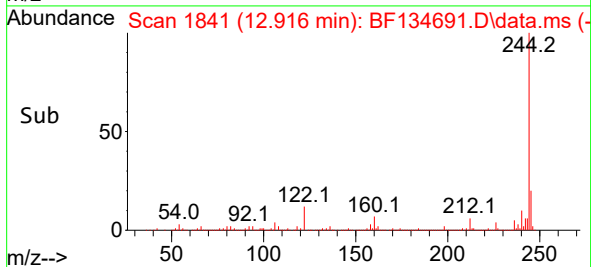
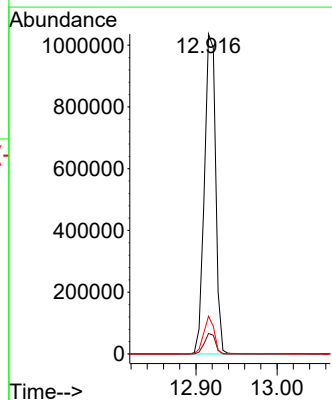
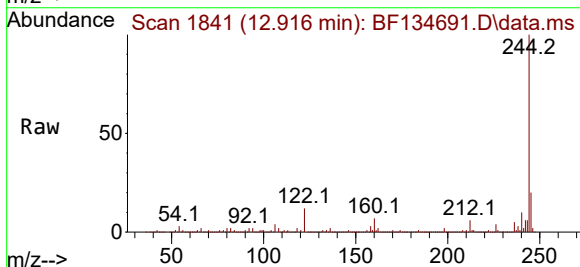
Tgt Ion:244 Resp: 993056

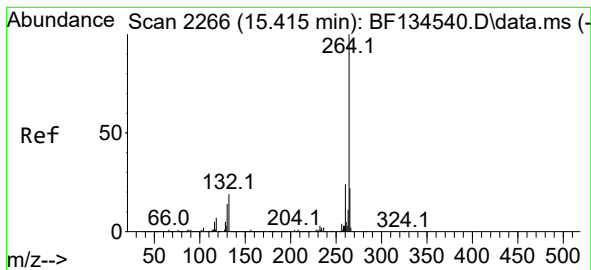
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 11.8 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134691.D

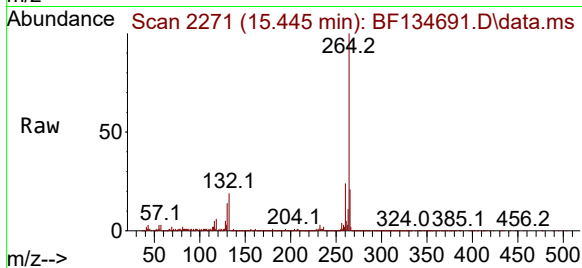
Acq: 09 Aug 2023 15:44

Instrument :

BNA_F

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754



Tgt Ion:264 Resp: 379072

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.2 15.8 23.8

