

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139665.D
 Acq On : 04 Oct 2024 18:51
 Operator : RC/JU
 Sample : P4255-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-100124

Quant Time: Oct 04 19:12:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

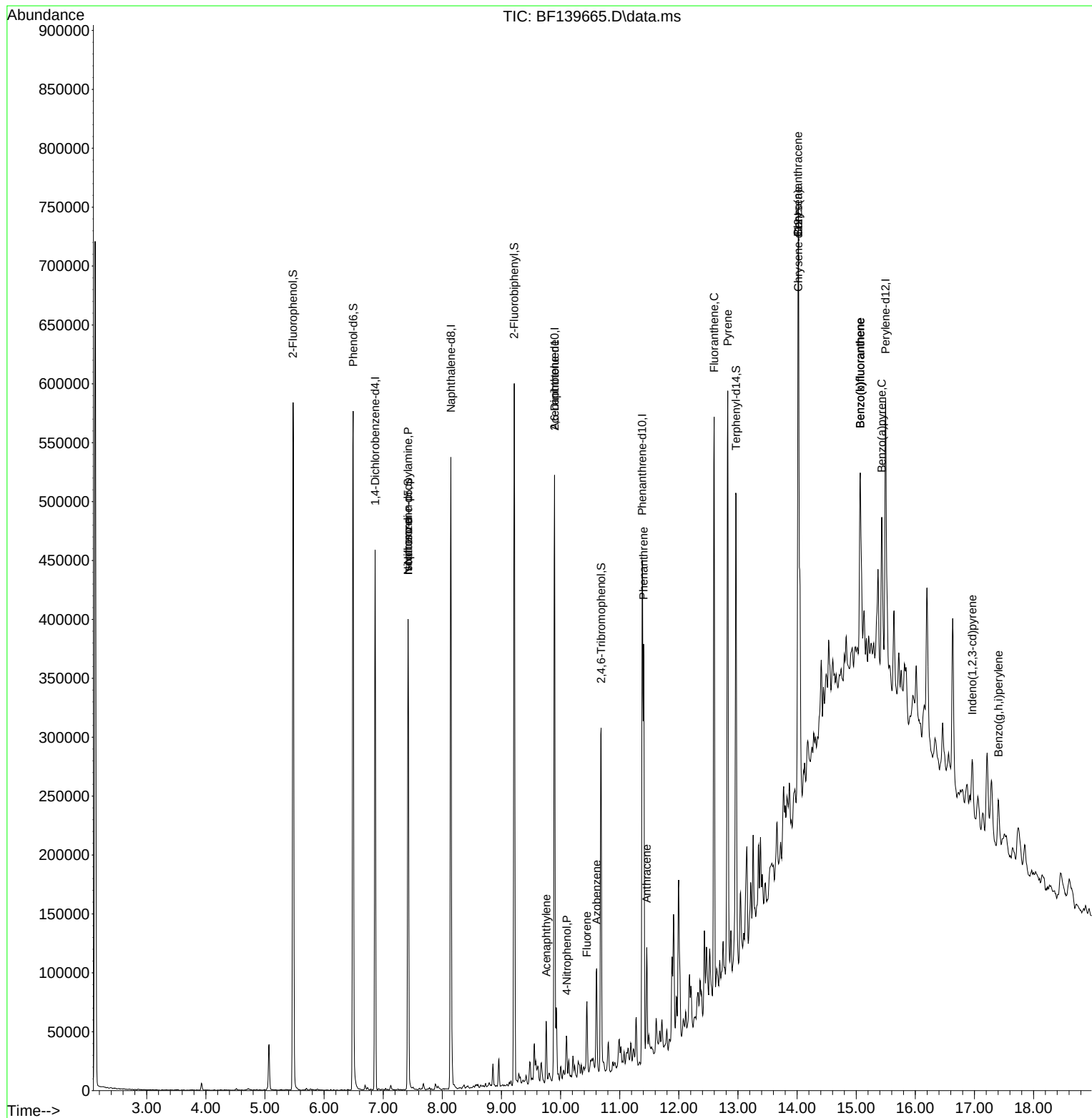
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89085	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	314840	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	145091	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	230651	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	169525	20.000	ng	-0.01
86) Perylene-d12	15.498	264	134169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	203626	39.618	ng	-0.01
7) Phenol-d6	6.492	99	259209	37.502	ng	-0.01
23) Nitrobenzene-d5	7.422	82	163074	26.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	43713	31.210	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	250590	26.515	ng	-0.01
79) Terphenyl-d14	12.969	244	197916	19.156	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	21544	4.848	ng	# 78
25) Isophorone	7.422	82	160765	14.556	ng	# 66
49) Acenaphthylene	9.757	152	24837	2.019	ng	98
51) 2,6-Dinitrotoluene	9.898	165	20125	9.380	ng	# 18
56) 4-Nitrophenol	10.104	139	5459	3.265	ng	# 6
58) Fluorene	10.445	166	25048	2.659	ng	99
63) Azobenzene	10.610	77	20429	2.071	ng	# 1
71) Phenanthrene	11.404	178	180010	16.552	ng	99
72) Anthracene	11.457	178	55854	5.191	ng	99
75) Fluoranthene	12.598	202	281276	23.660	ng	99
78) Pyrene	12.827	202	288180	19.007	ng	99
81) Benzo(a)anthracene	14.016	228	124501	11.170	ng	91
83) Chrysene	14.016	228	124501	12.218	ng	94
87) Indeno(1,2,3-cd)pyrene	16.962	276	31550	3.995	ng	96
88) Benzo(b)fluoranthene	15.068	252	124387	14.338	ng	# 90
89) Benzo(k)fluoranthene	15.068	252	124387	16.903	ng	# 91
90) Benzo(a)pyrene	15.433	252	72818	10.645	ng	# 94
92) Benzo(g,h,i)perylene	17.409	276	33640	5.121	ng	# 91

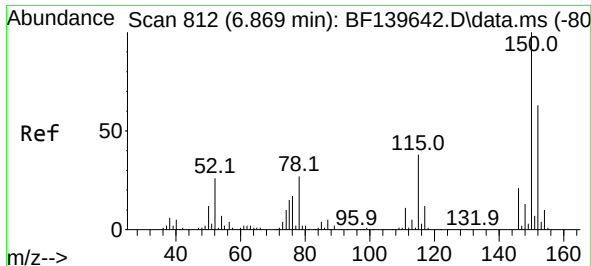
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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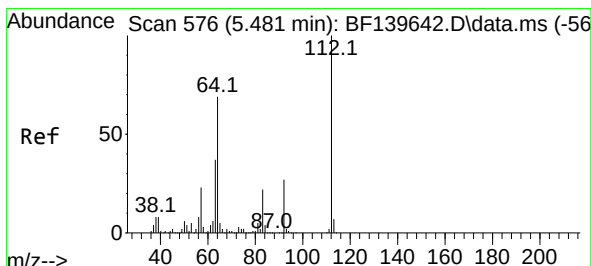
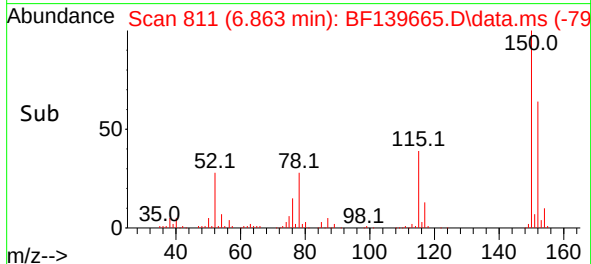
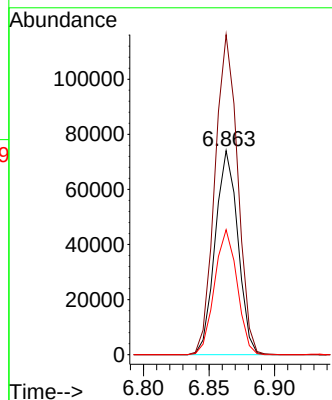
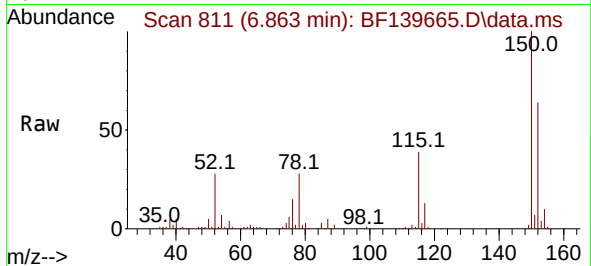




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

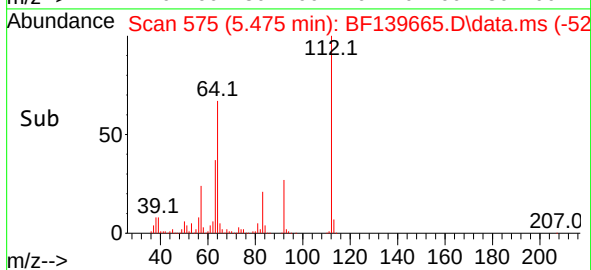
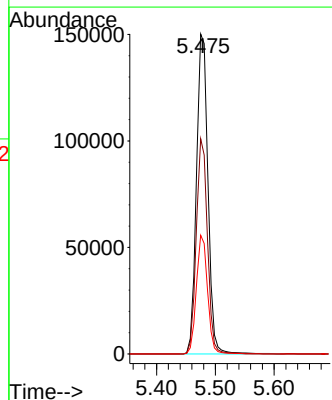
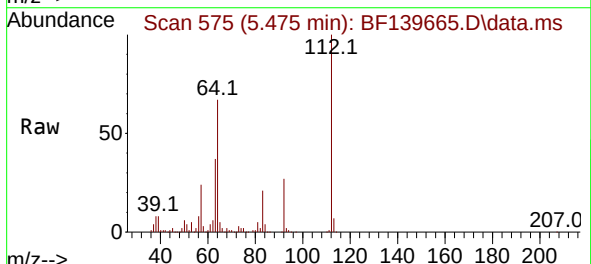
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

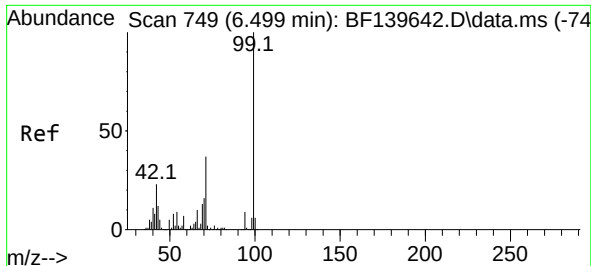
Tgt Ion:152 Resp: 89085
Ion Ratio Lower Upper
152 100
150 156.9 127.2 190.8
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 39.618 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

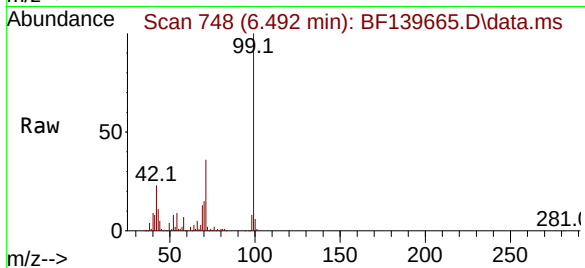
Tgt Ion:112 Resp: 203626
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.1 29.4 44.2





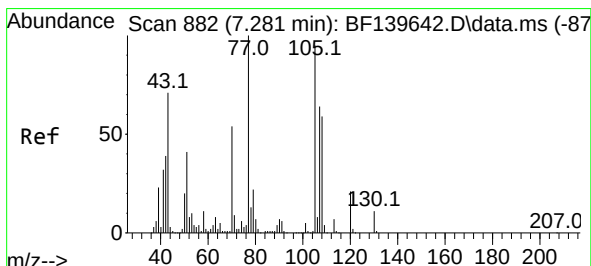
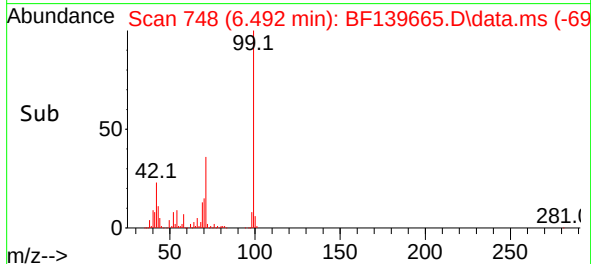
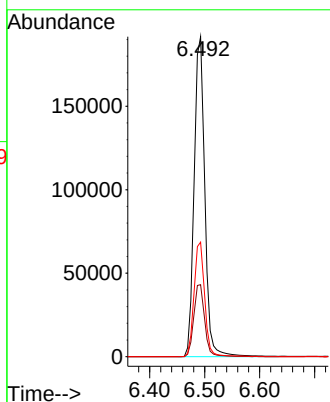
#7
Phenol-d6
Concen: 37.502 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Instrument :
BNA_F
ClientSampleId :
OR-03-100124



Tgt Ion: 99 Resp: 259209

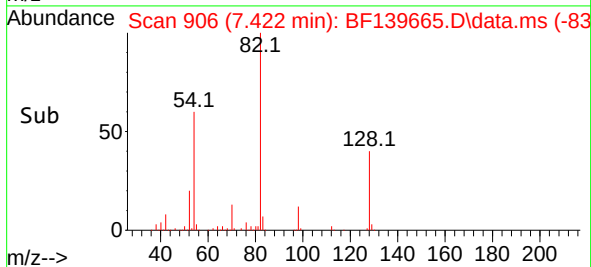
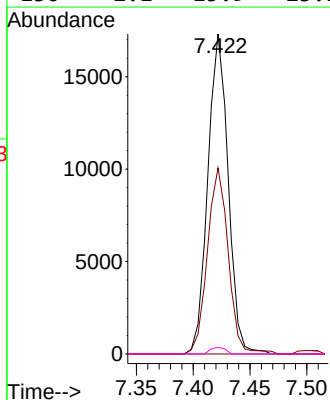
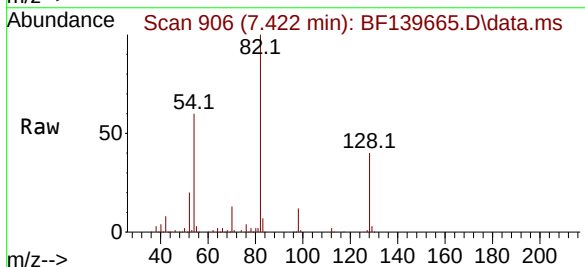
Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.1	28.7
71	35.8	29.7	44.5

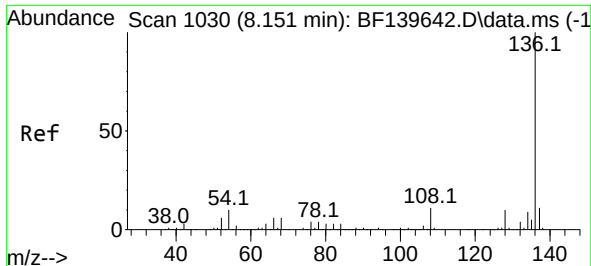


#19
n-Nitroso-di-n-propylamine
Concen: 4.848 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion: 70 Resp: 21544

Ion	Ratio	Lower	Upper
70	100		
42	58.2	58.0	87.0
101	0.0	7.8	11.8#
130	2.1	15.9	23.9#



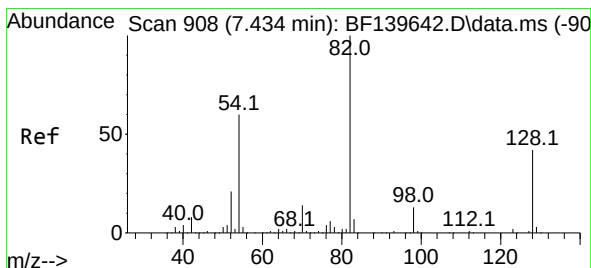
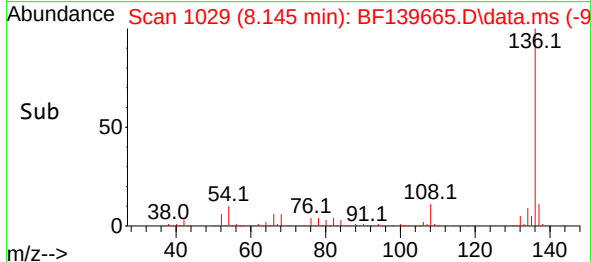
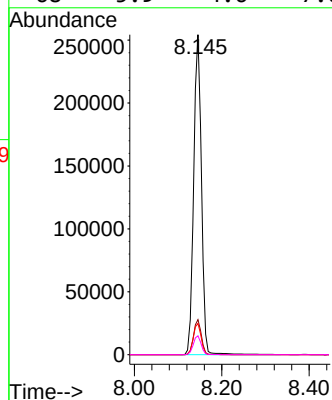
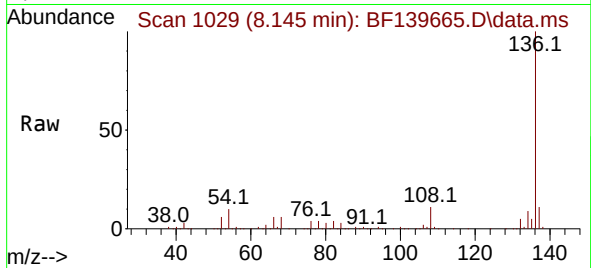


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Instrument :
BNA_F
ClientSampleId :
OR-03-100124

Tgt Ion:136 Resp: 314840

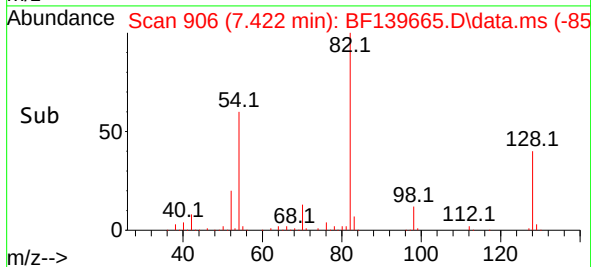
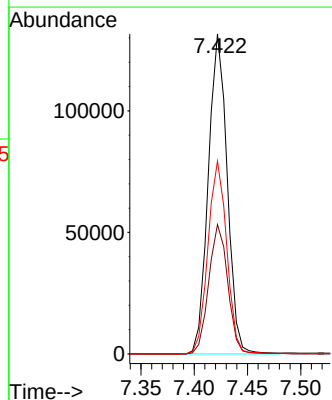
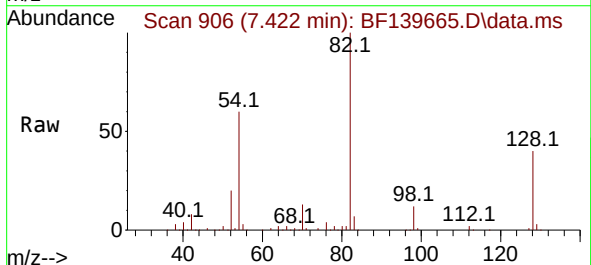
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	8.3	12.5
68	5.9	4.6	7.0

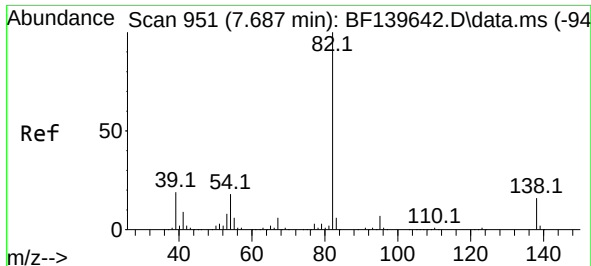


#23
Nitrobenzene-d5
Concen: 26.224 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion: 82 Resp: 163074

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	60.2	49.1	73.7

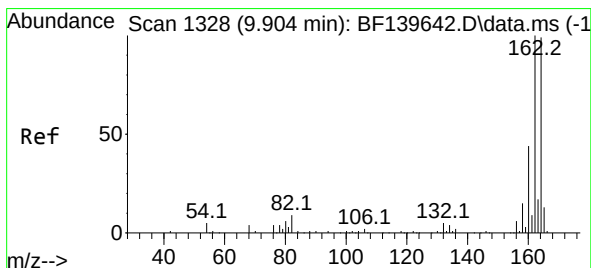
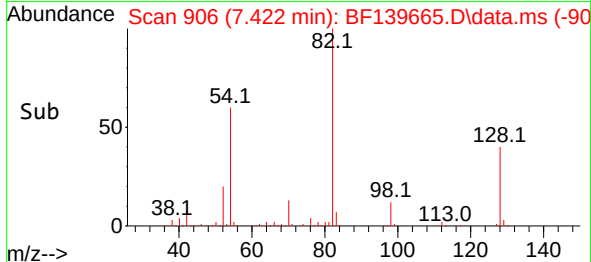
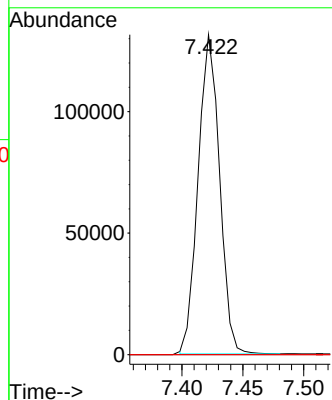
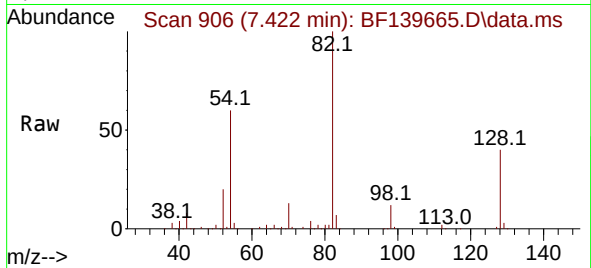




#25
Isophorone
Concen: 14.556 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

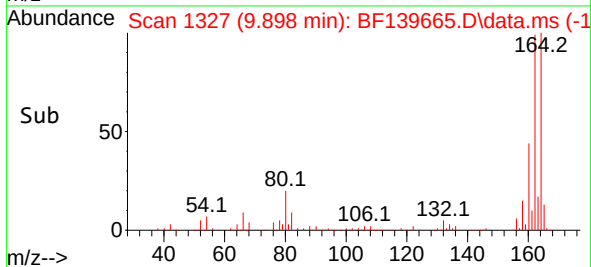
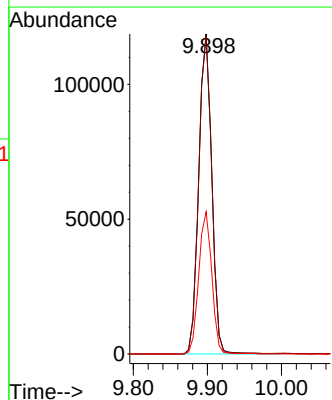
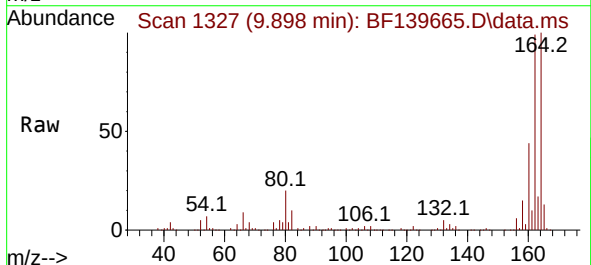
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

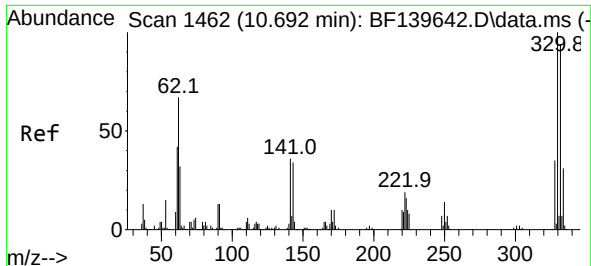
Tgt Ion: 82 Resp: 160765
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion:164 Resp: 145091
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.5 35.1 52.7

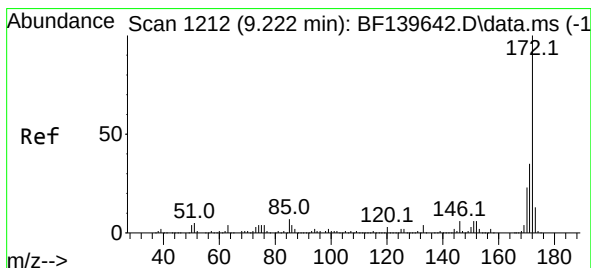
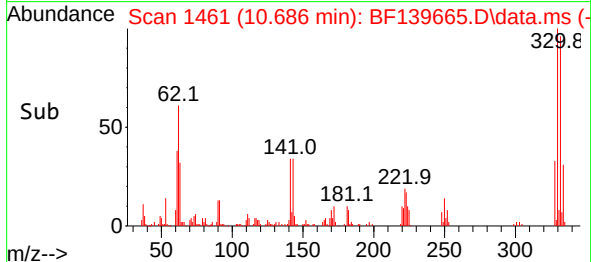
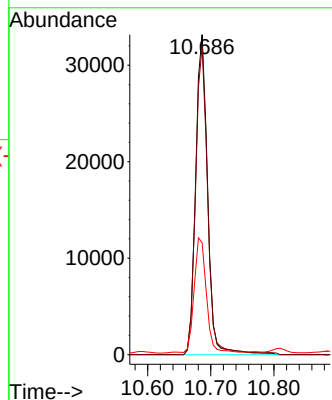
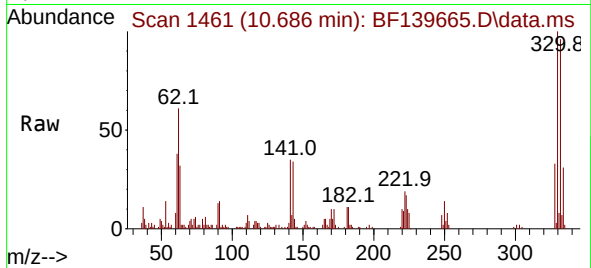




#42
2,4,6-Tribromophenol
Concen: 31.210 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

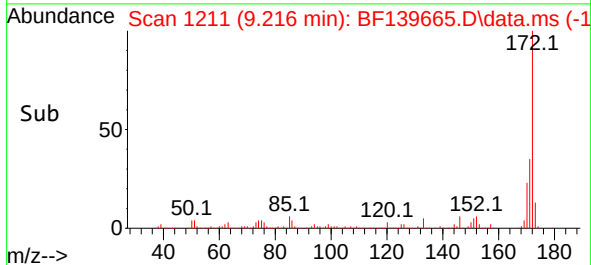
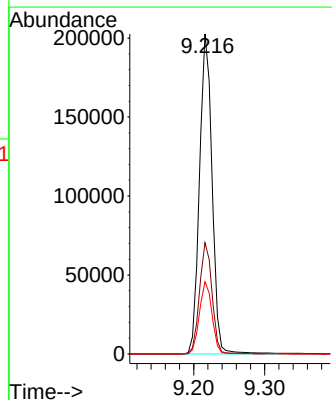
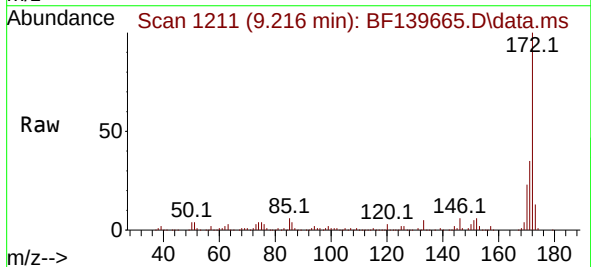
Instrument :
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ClientSampleId :
OR-03-100124

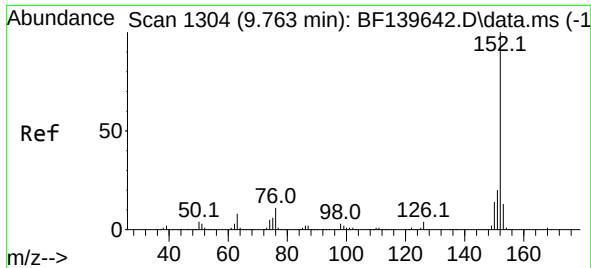
Tgt Ion:330 Resp: 43713
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 37.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 26.515 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion:172 Resp: 250590
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.5 18.8 28.2





#49

Acenaphthylene

Concen: 2.019 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

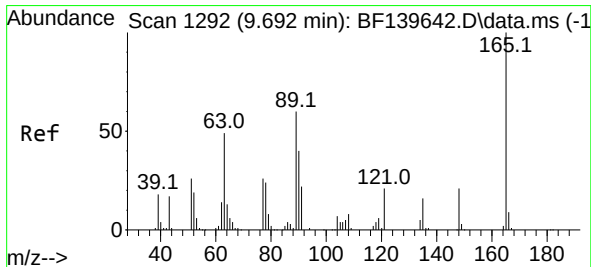
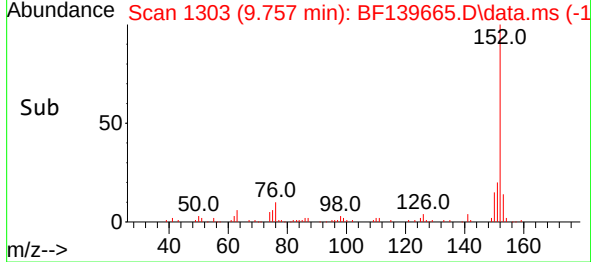
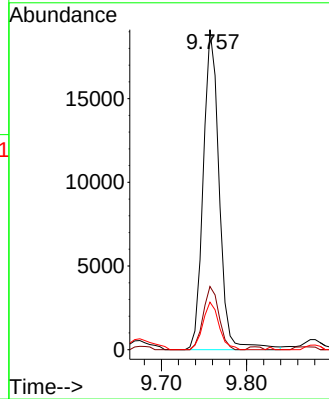
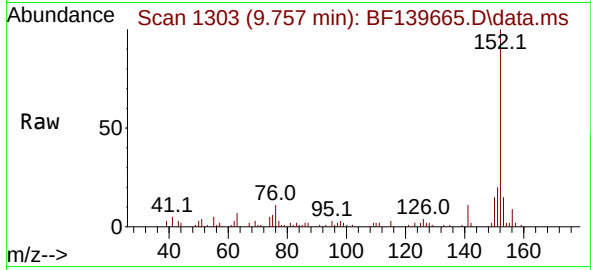
Tgt Ion:152 Resp: 24837

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 14.8 10.5 15.7



#51

2,6-Dinitrotoluene

Concen: 9.380 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

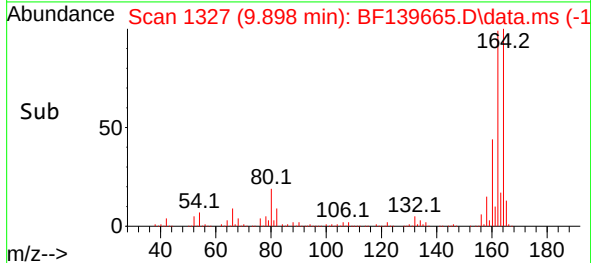
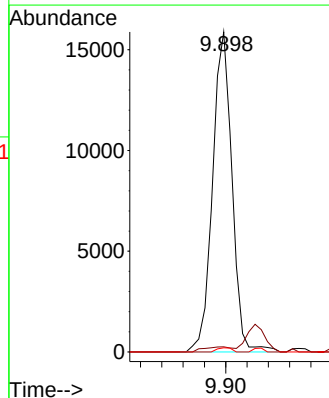
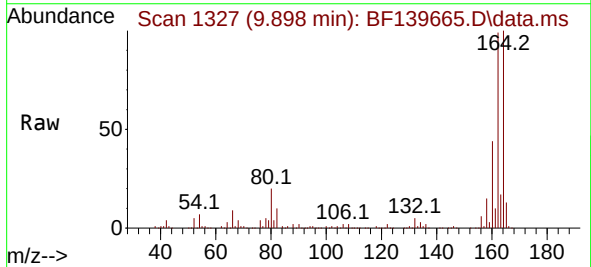
Tgt Ion:165 Resp: 20125

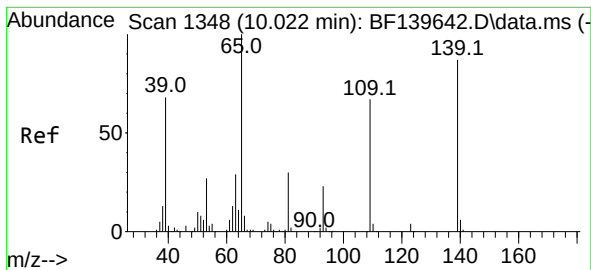
Ion Ratio Lower Upper

165 100

63 1.6 56.7 85.1#

89 1.3 51.6 77.4#

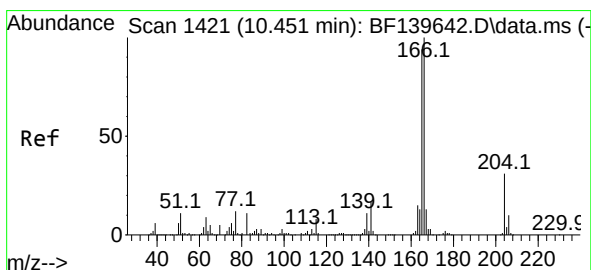
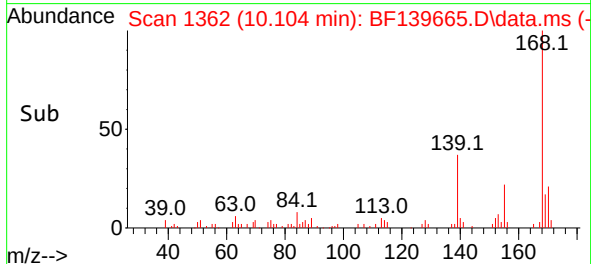
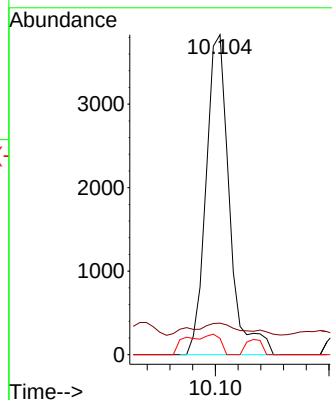
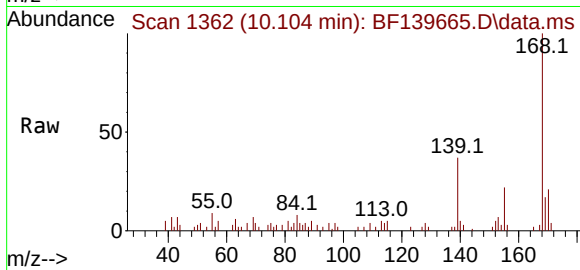




#56
4-Nitrophenol
Concen: 3.265 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

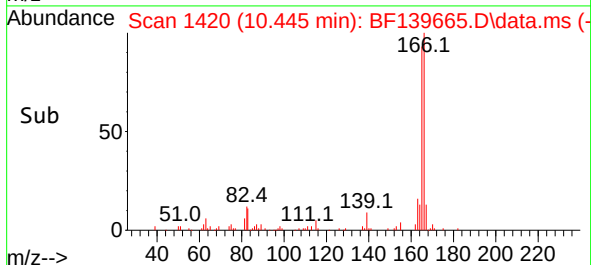
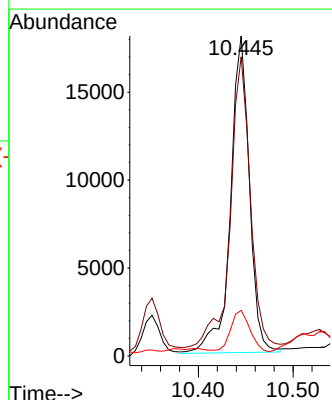
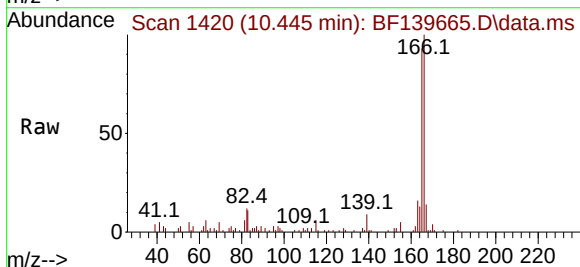
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

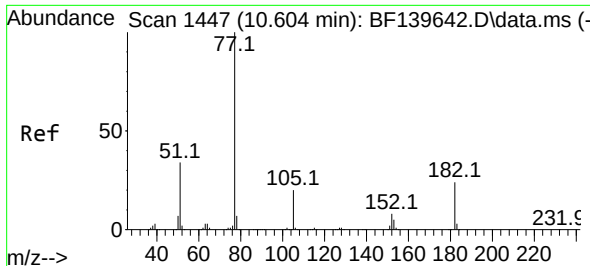
Tgt Ion:139 Resp: 5459
Ion Ratio Lower Upper
139 100
109 9.8 60.3 100.3#
65 5.1 100.8 140.8#



#58
Fluorene
Concen: 2.659 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion:166 Resp: 25048
Ion Ratio Lower Upper
166 100
165 93.5 74.4 111.6
167 14.3 10.9 16.3

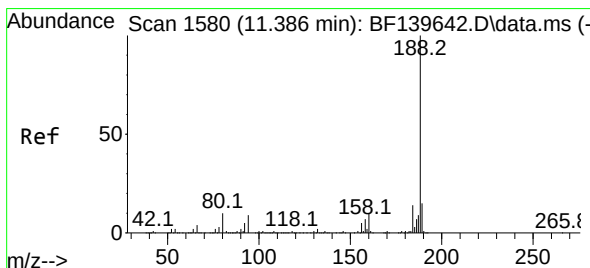
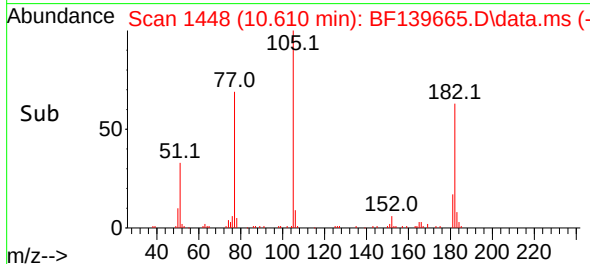
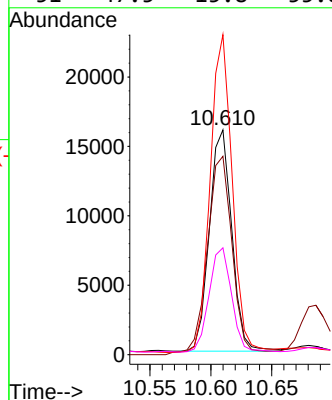
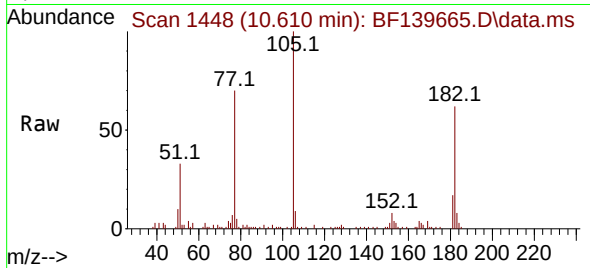




#63
Azobenzene
Concen: 2.071 ng
RT: 10.610 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

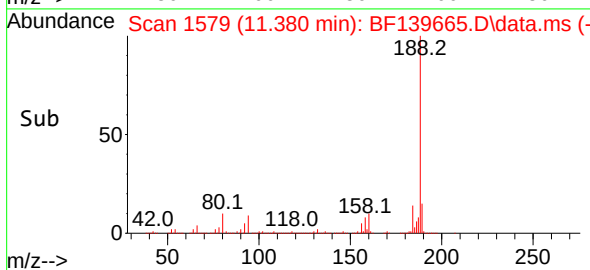
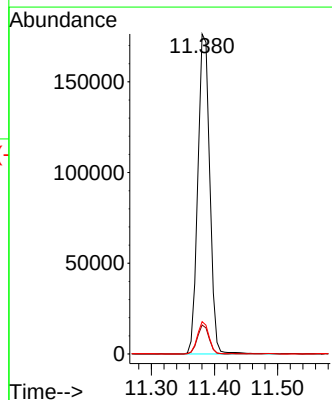
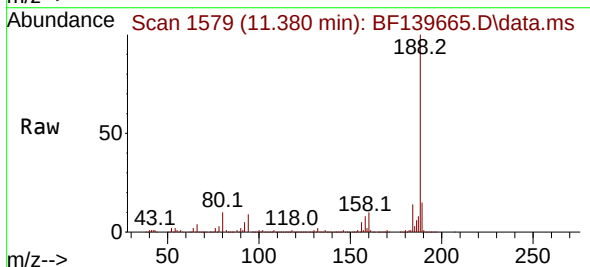
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

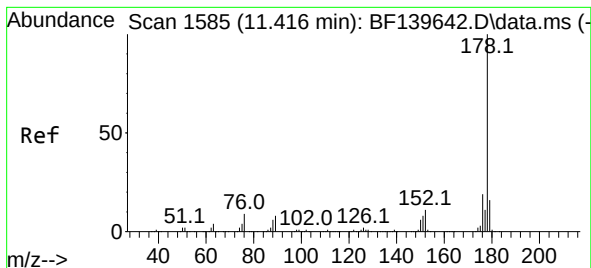
Tgt Ion: 77	Resp: 20429
Ion Ratio	Lower Upper
77	100
182	88.2 4.2 44.2#
105	142.3 0.0 39.6#
51	47.5 15.8 55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion: 188	Resp: 230651
Ion Ratio	Lower Upper
188	100
94	9.1 7.4 11.2
80	10.1 8.2 12.2





#71

Phenanthrene

Concen: 16.552 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.018 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

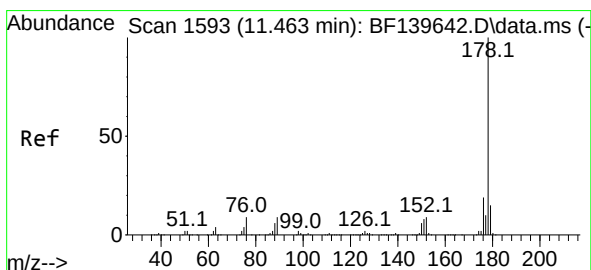
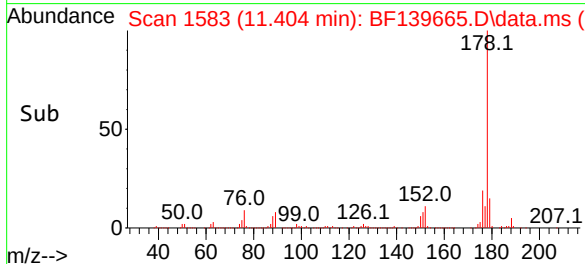
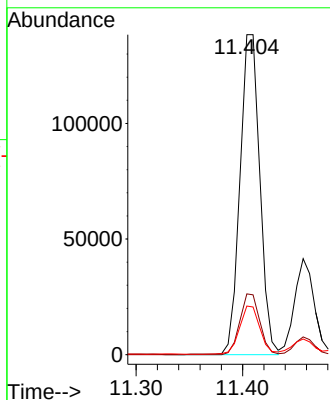
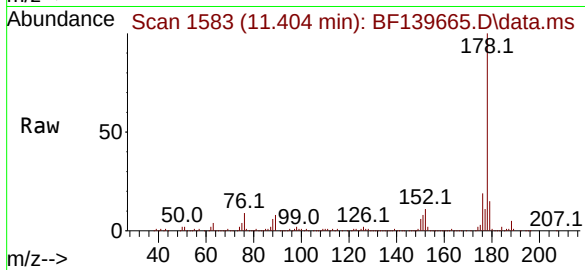
Tgt Ion:178 Resp: 180010

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.2 12.3 18.5



#72

Anthracene

Concen: 5.191 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

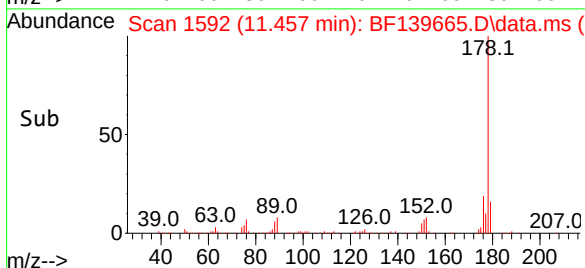
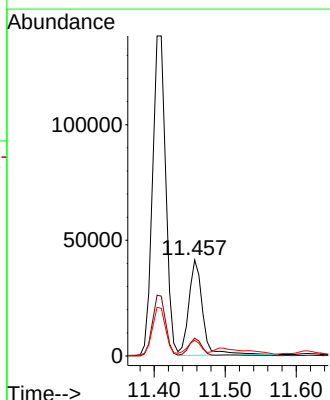
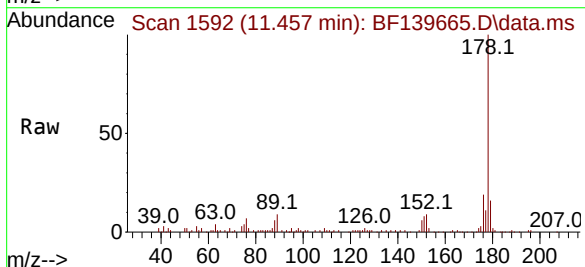
Tgt Ion:178 Resp: 55854

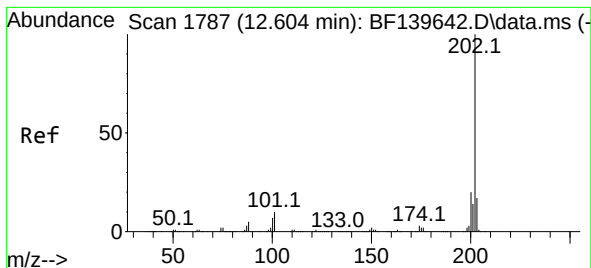
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 16.4 12.5 18.7

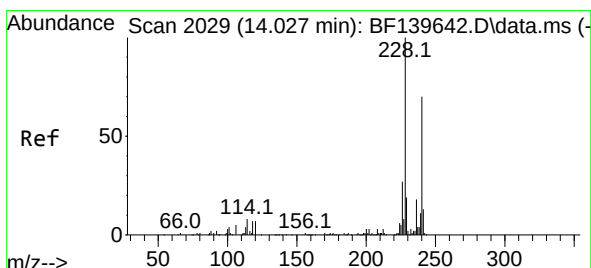
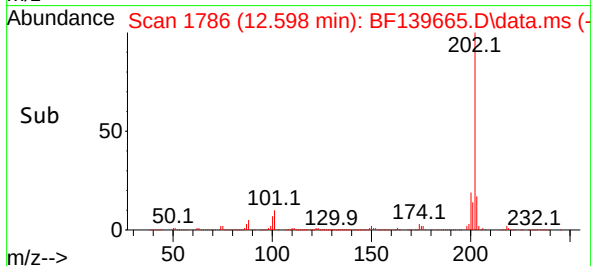
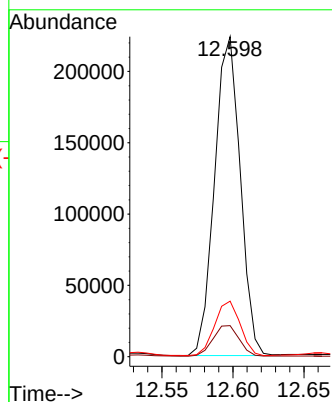
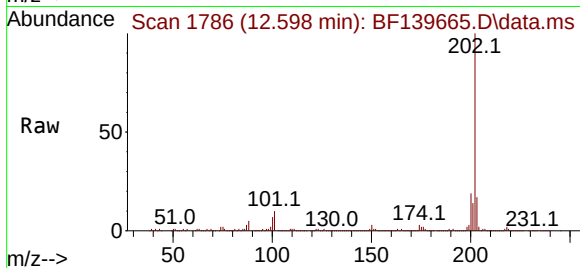




#75
Fluoranthene
Concen: 23.660 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

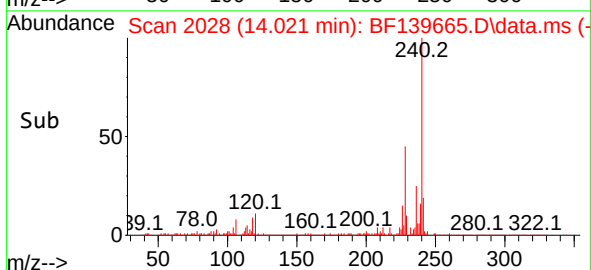
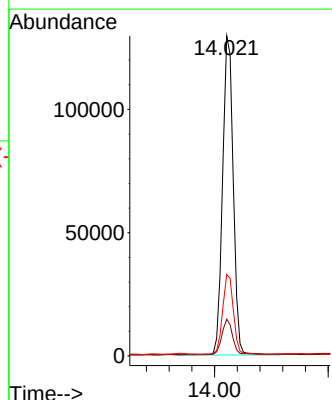
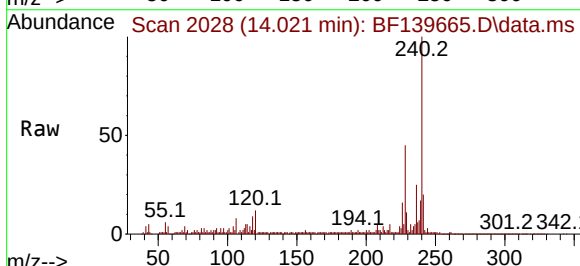
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

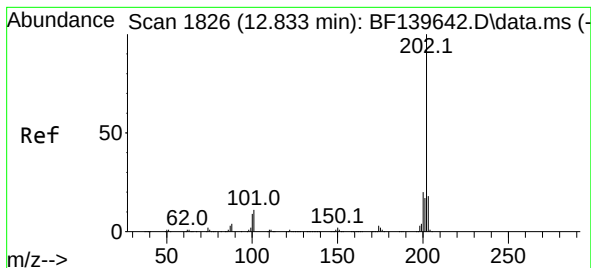
Tgt Ion:202 Resp: 281276
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion:240 Resp: 169525
Ion Ratio Lower Upper
240 100
120 11.5 8.4 12.6
236 25.5 20.3 30.5





#78

Pyrene

Concen: 19.007 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

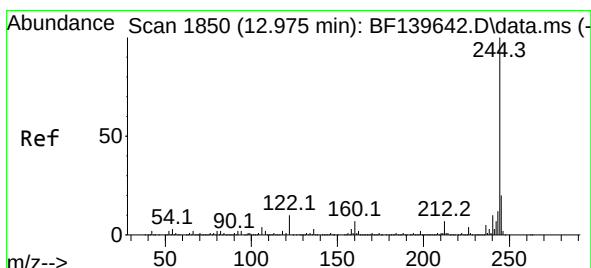
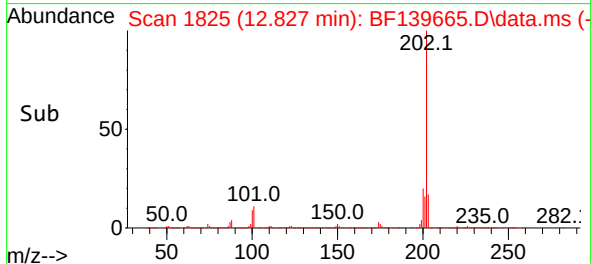
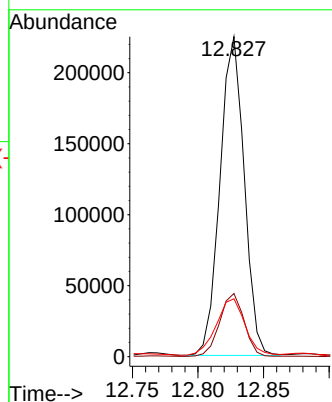
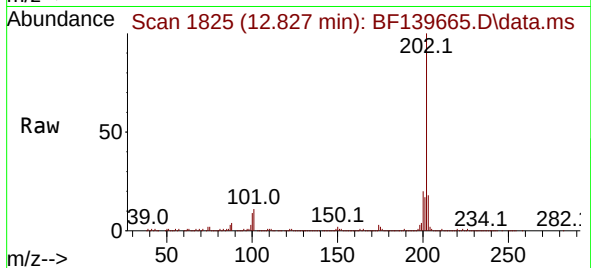
Tgt Ion:202 Resp: 288180

Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.6

203 18.1 13.8 20.8



#79

Terphenyl-d14

Concen: 19.156 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.011 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

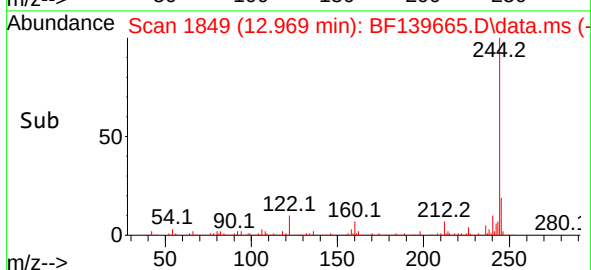
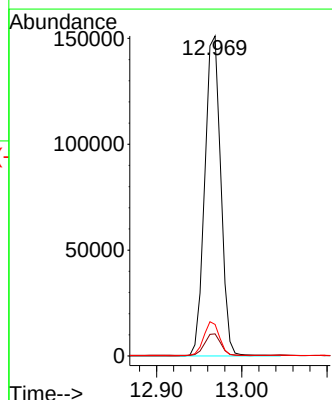
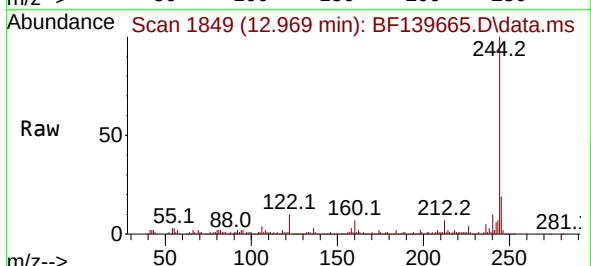
Tgt Ion:244 Resp: 197916

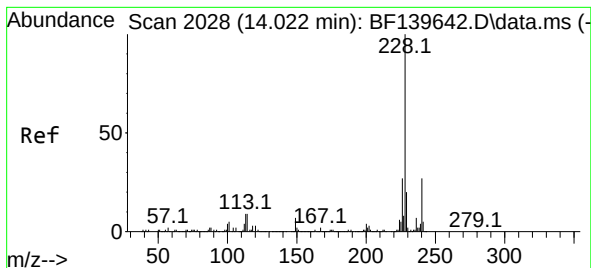
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.9 8.6 12.8





#81

Benzo(a)anthracene

Concen: 11.170 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

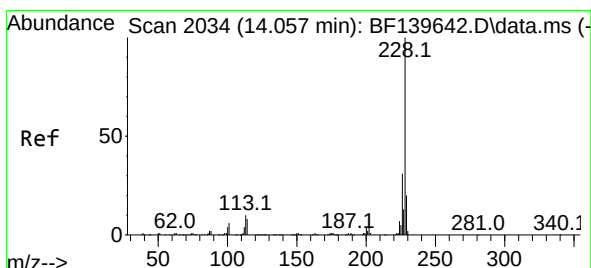
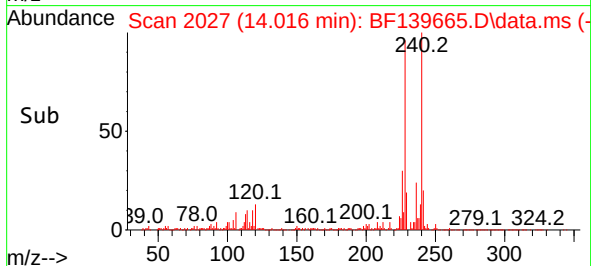
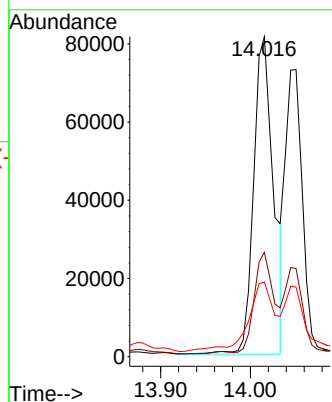
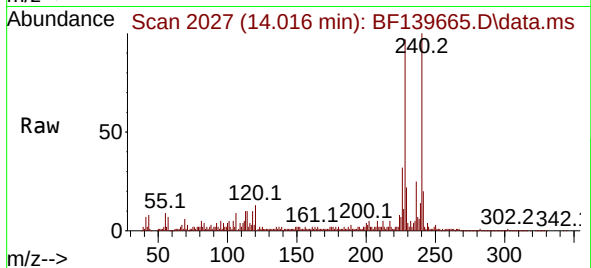
Tgt Ion:228 Resp: 124501

Ion Ratio Lower Upper

228 100

226 32.7 21.8 32.8

229 23.3 15.8 23.8



#83

Chrysene

Concen: 12.218 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.047 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

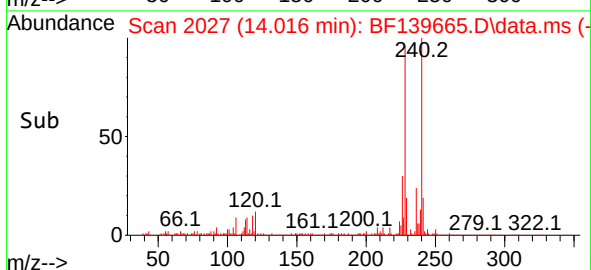
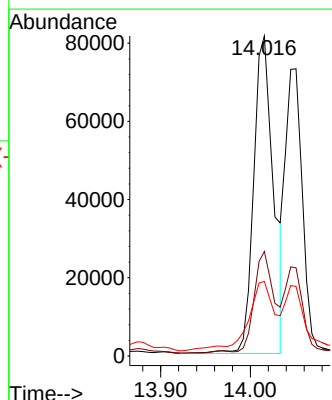
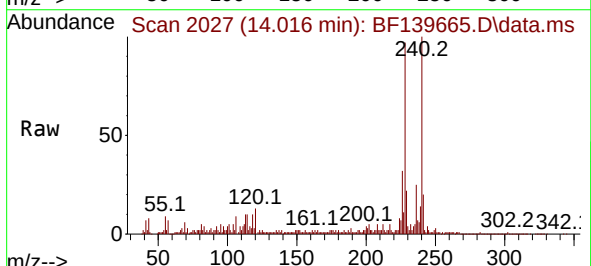
Tgt Ion:228 Resp: 124501

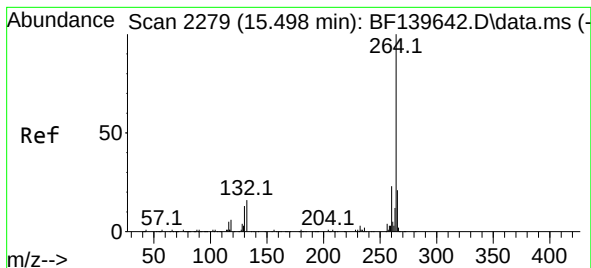
Ion Ratio Lower Upper

228 100

226 32.7 24.3 36.5

229 23.3 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

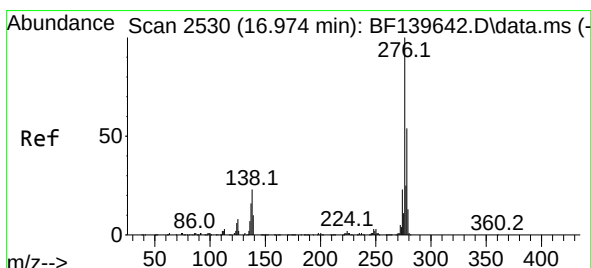
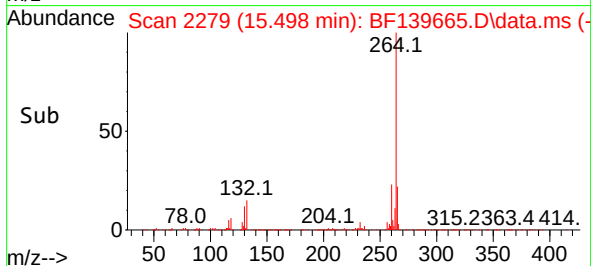
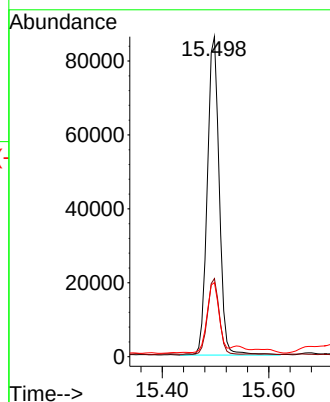
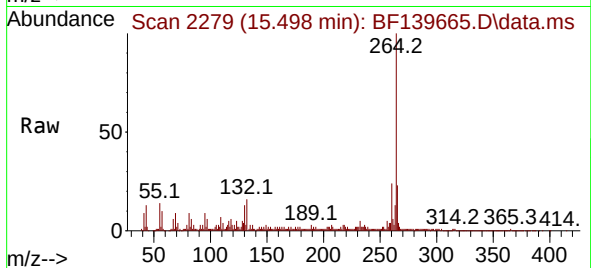
Tgt Ion:264 Resp: 134169

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 23.2 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.995 ng

RT: 16.962 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

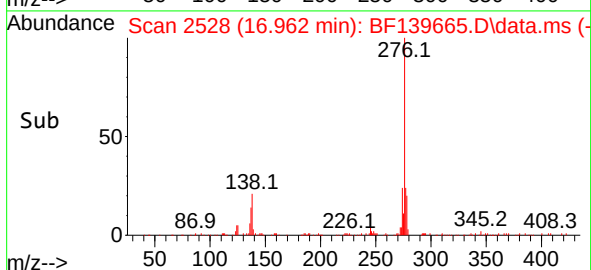
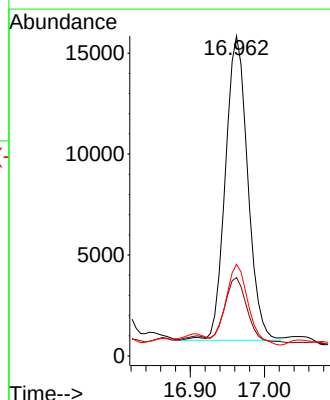
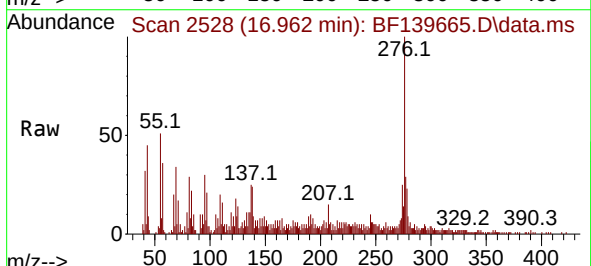
Tgt Ion:276 Resp: 31550

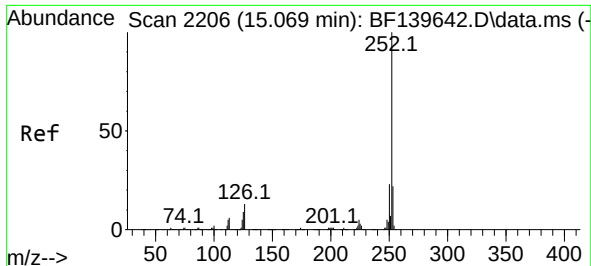
Ion Ratio Lower Upper

276 100

138 21.8 19.4 29.0

277 26.6 20.2 30.2

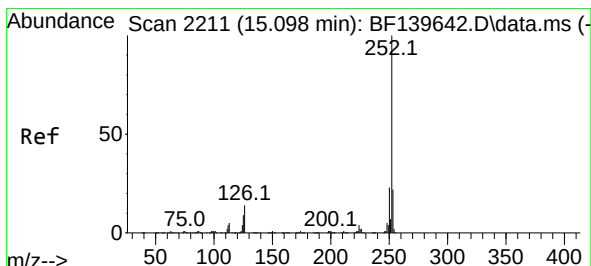
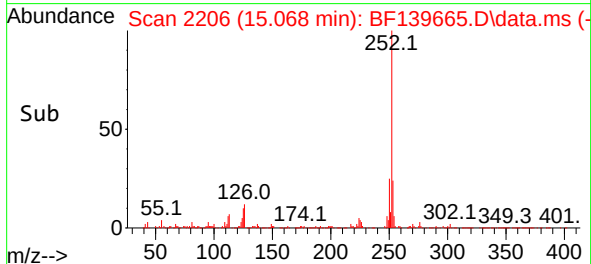
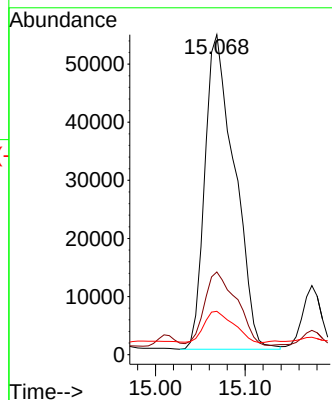
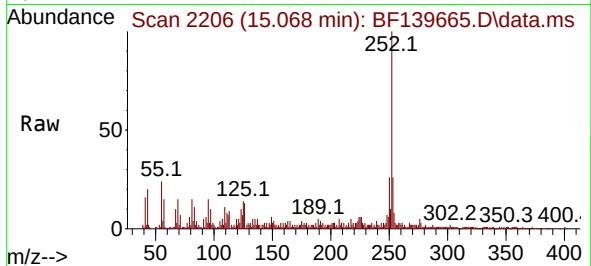




#88
Benzo(b)fluoranthene
Concen: 14.338 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

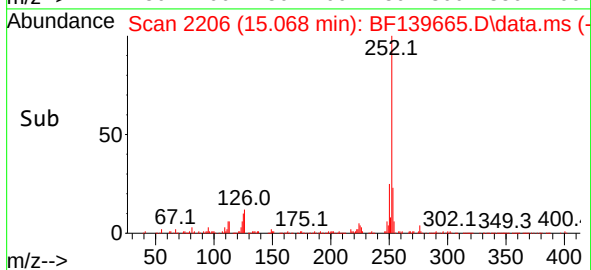
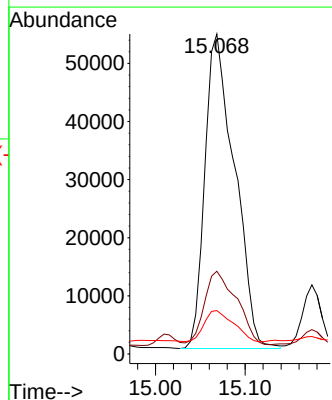
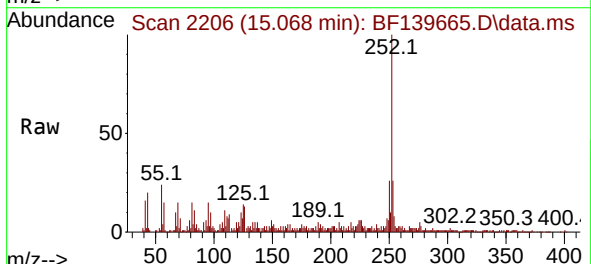
Instrument :
BNA_F
ClientSampleId :
OR-03-100124

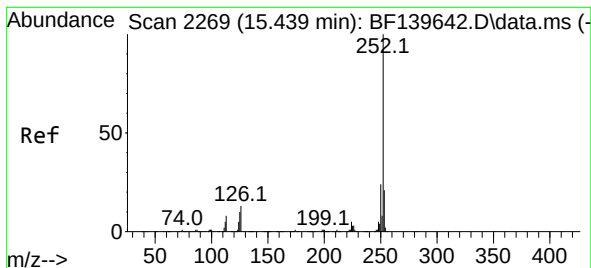
Tgt Ion:252 Resp: 124387
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 13.6 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 16.903 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF139665.D
Acq: 04 Oct 2024 18:51

Tgt Ion:252 Resp: 124387
Ion Ratio Lower Upper
252 100
253 25.9 17.5 26.3
125 13.6 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 10.645 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Instrument :

BNA_F

ClientSampleId :

OR-03-100124

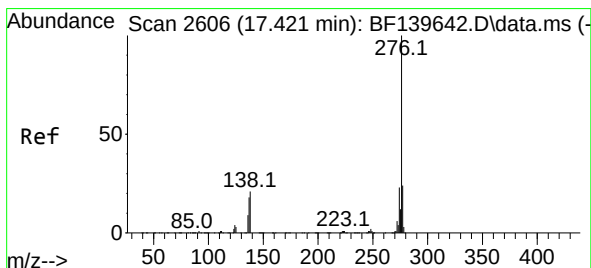
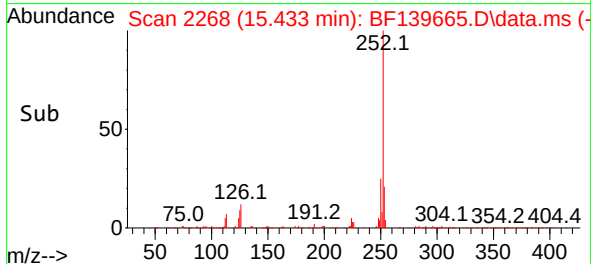
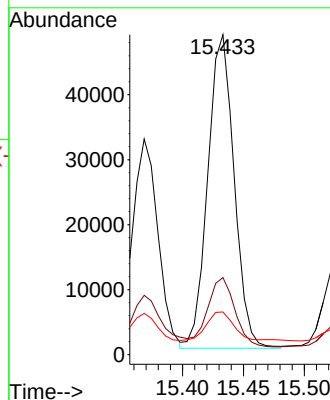
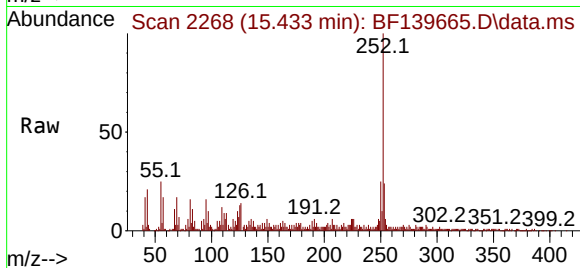
Tgt Ion:252 Resp: 72818

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 13.4 8.3 12.5#



#92

Benzo(g,h,i)perylene

Concen: 5.121 ng

RT: 17.409 min Scan# 2604

Delta R.T. -0.018 min

Lab File: BF139665.D

Acq: 04 Oct 2024 18:51

Tgt Ion:276 Resp: 33640

Ion Ratio Lower Upper

276 100

277 29.1 19.0 28.6#

138 24.3 17.0 25.6

