

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131448.D
 Acq On : 29 Nov 2022 01:17
 Operator : CG\JU
 Sample : N5772-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-4

Quant Time: Nov 29 05:02:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

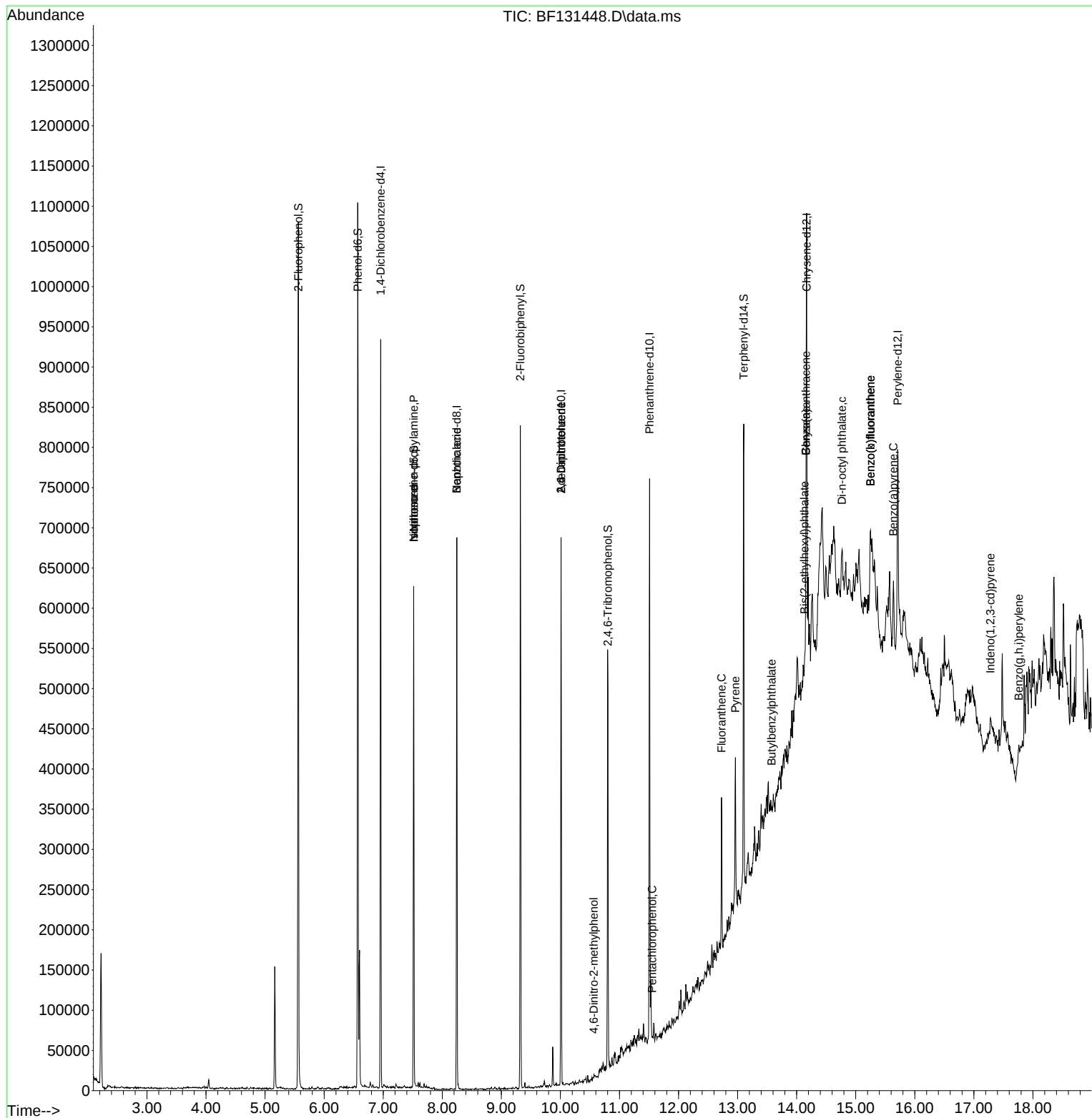
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	127339	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	245467	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	122985	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	241177	20.000	ng	0.00
76) Chrysene-d12	14.169	240	169908	20.000	ng	0.00
86) Perylene-d12	15.710	264	124306	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	259566	38.795	ng	0.00
7) Phenol-d6	6.569	99	340188	39.851	ng	0.00
23) Nitrobenzene-d5	7.516	82	160342	32.928	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	57171	55.255	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	217976	25.785	ng	0.00
79) Terphenyl-d14	13.104	244	199521	19.203	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	125	Below Cal	#	58
19) n-Nitroso-di-n-propyla...	7.516	70	20886	3.342	ng	# 73
25) Isophorone	7.516	82	160339	18.456	ng	# 68
32) Benzoic acid	8.245	122	61	5.161	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	16888	9.855	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	16888	7.833	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.563	198	53	4.630	ng	# 1
70) Pentachlorophenol	11.551	266	58	4.908	ng	# 19
75) Fluoranthene	12.727	202	68520	4.989	ng	99
78) Pyrene	12.963	202	76021	5.071	ng	99
80) Butylbenzylphthalate	13.574	149	1565	4.427	ng	# 62
81) Benzo(a)anthracene	14.157	228	48349	4.151	ng	# 89
83) Chrysene	14.157	228	48349	4.231	ng	92
84) Bis(2-ethylhexyl)phtha...	14.133	149	1842	4.003	ng	# 74
85) Di-n-octyl phthalate	14.769	149	889	4.008	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.280	276	24759	2.966	ng	96
88) Benzo(b)fluoranthene	15.251	252	71905	8.707	ng	# 82
89) Benzo(k)fluoranthene	15.251	252	71905	8.473	ng	# 83
90) Benzo(a)pyrene	15.639	252	37424	5.523	ng	# 80
92) Benzo(g,h,i)perylene	17.762	276	26060	3.788	ng	# 90

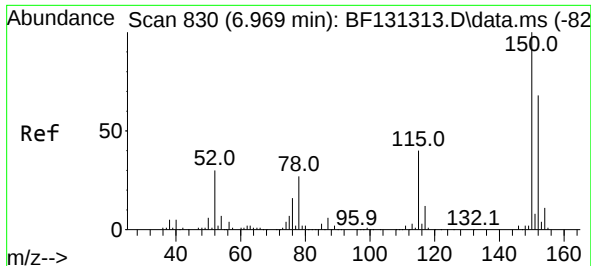
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 05:02:23 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
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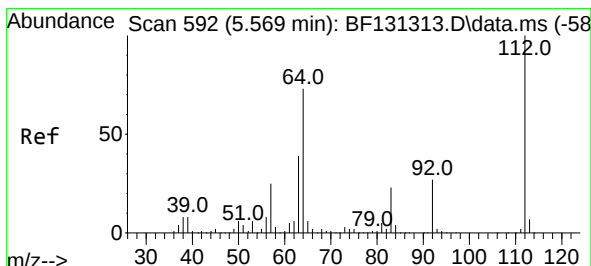
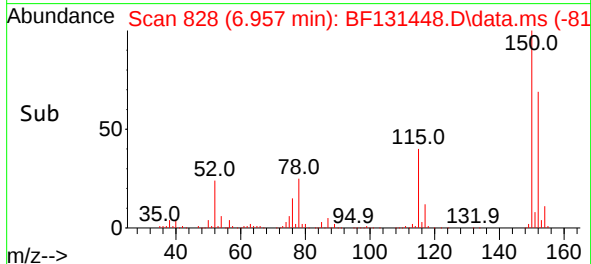
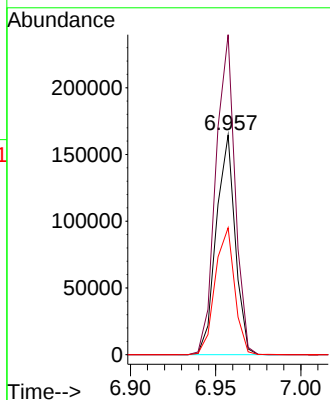
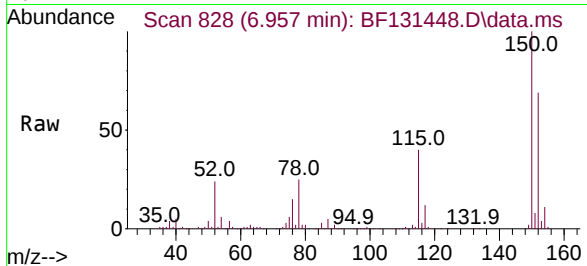




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

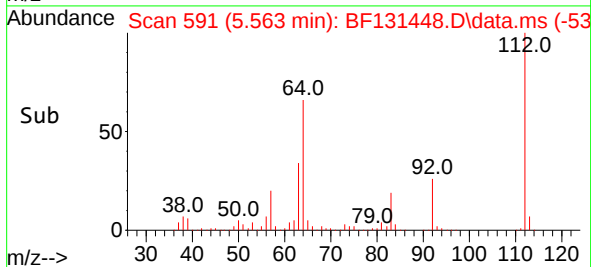
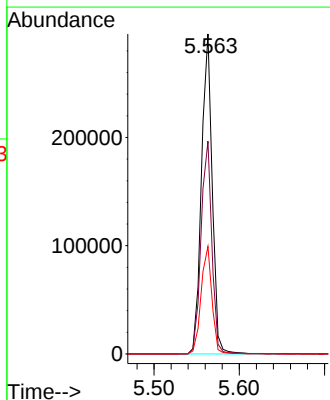
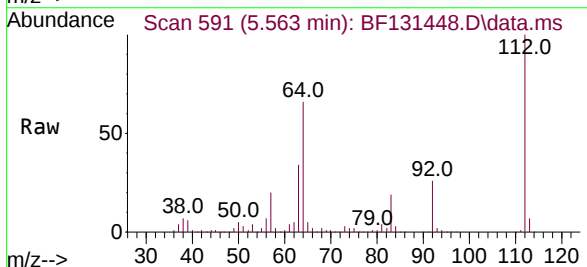
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

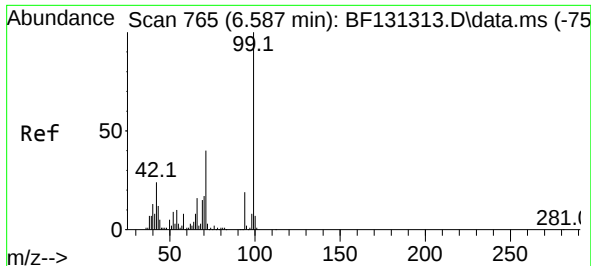
Tgt Ion:152 Resp: 127339
Ion Ratio Lower Upper
152 100
150 145.6 117.8 176.8
115 57.8 47.1 70.7



#5
2-Fluorophenol
Concen: 38.795 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:112 Resp: 259566
Ion Ratio Lower Upper
112 100
64 66.5 58.6 88.0
63 33.6 31.4 47.0

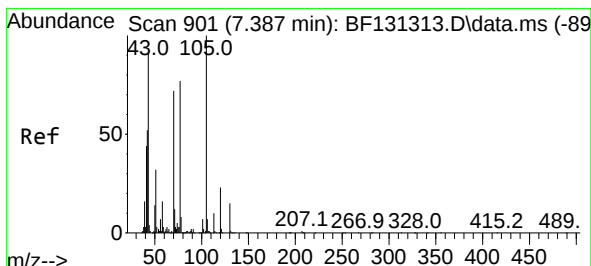
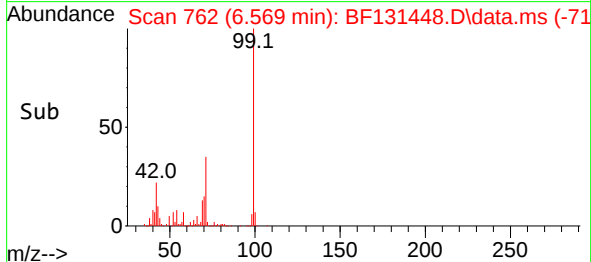
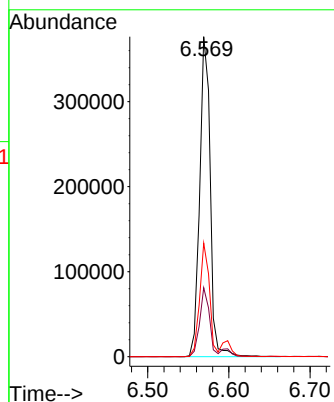
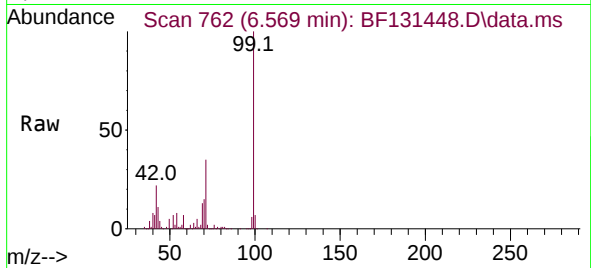




#7
Phenol-d6
Concen: 39.851 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

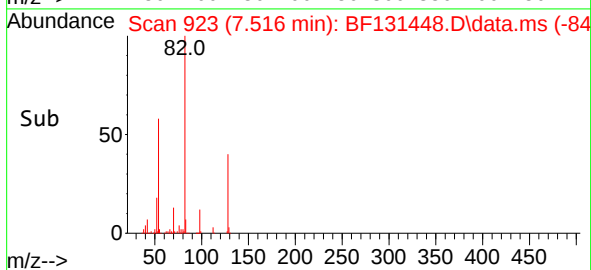
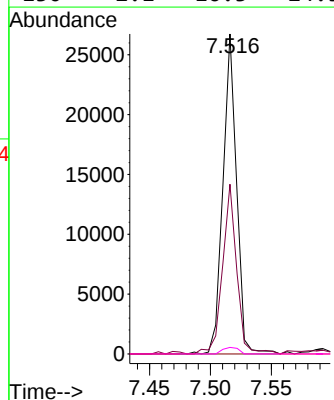
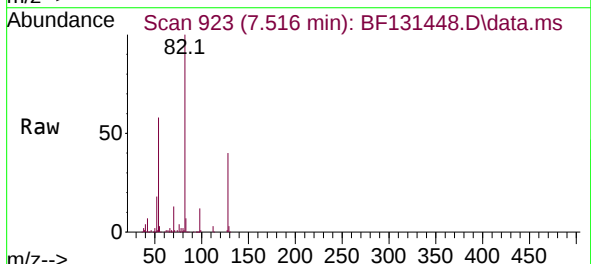
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

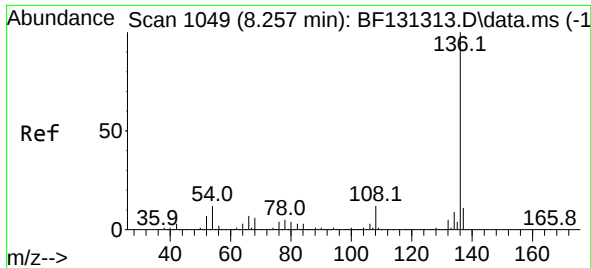
Tgt Ion: 99 Resp: 340188
Ion Ratio Lower Upper
99 100
42 21.6 19.4 29.2
71 35.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.342 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion: 70 Resp: 20886
Ion Ratio Lower Upper
70 100
42 53.0 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

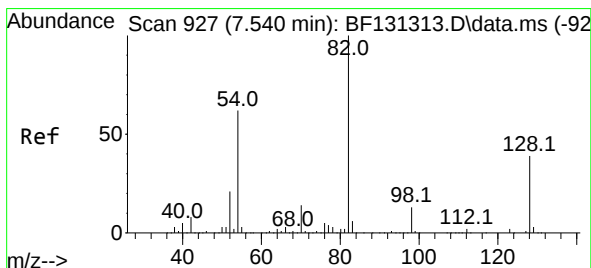
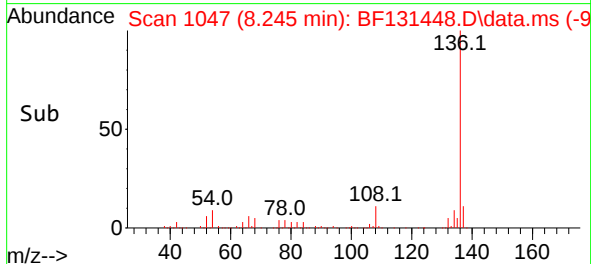
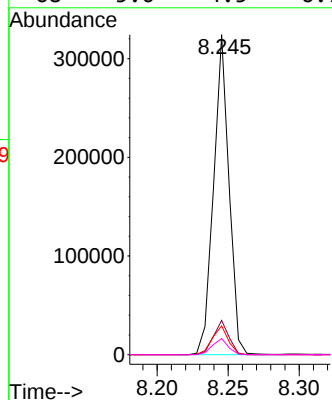
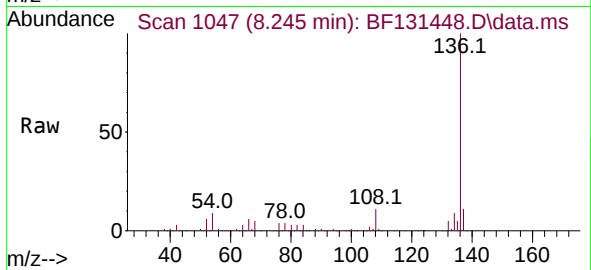




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

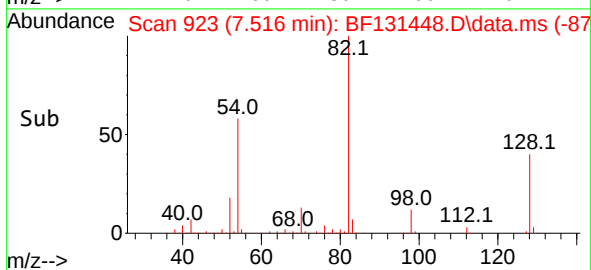
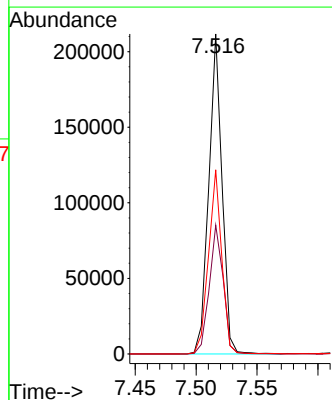
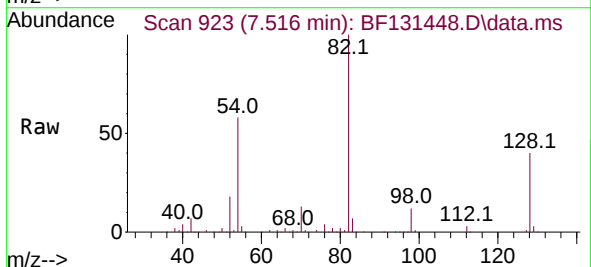
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

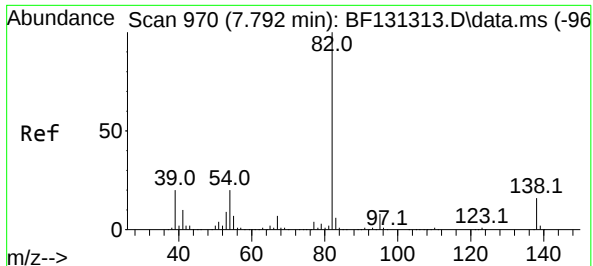
Tgt Ion:136 Resp: 245467
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.0 9.4 14.0#
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 32.928 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion: 82 Resp: 160342
Ion Ratio Lower Upper
82 100
128 40.2 31.4 47.0
54 57.6 49.8 74.6

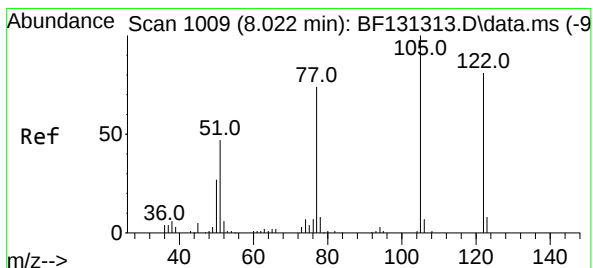
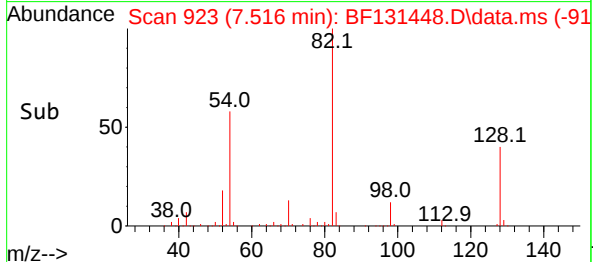
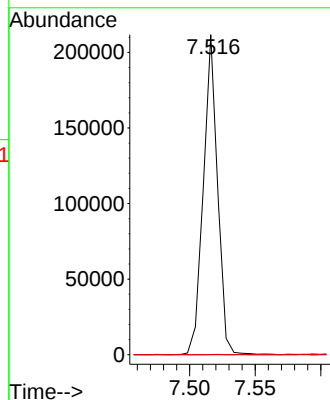
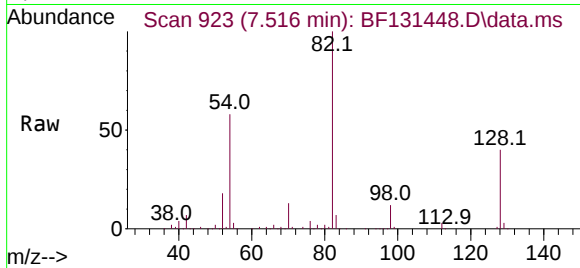




#25
Isophorone
Concen: 18.456 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

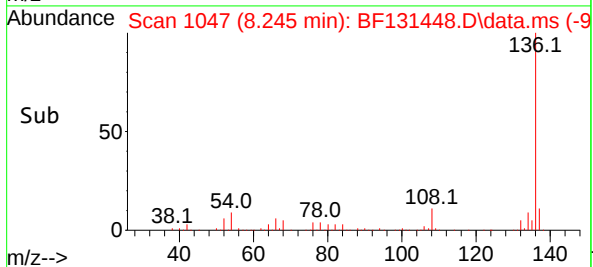
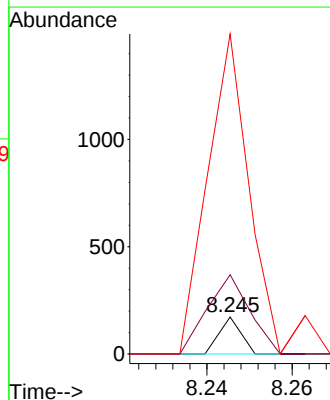
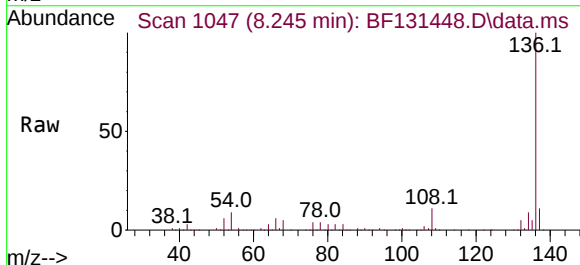
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

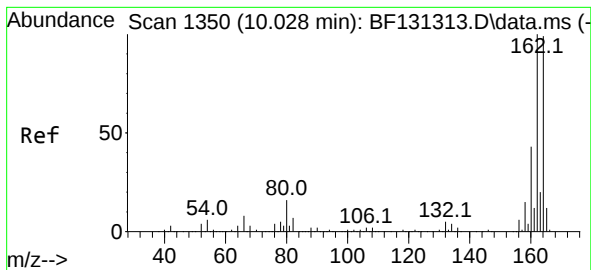
Tgt Ion: 82 Resp: 160339
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.161 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.241 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 214.5 103.8 143.8#
77 867.4 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

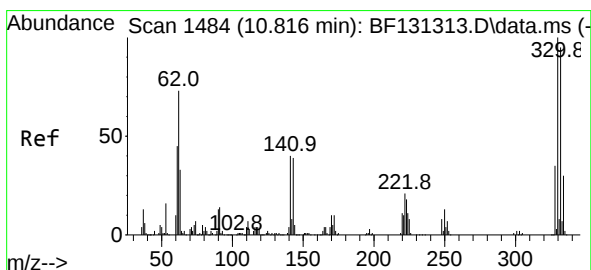
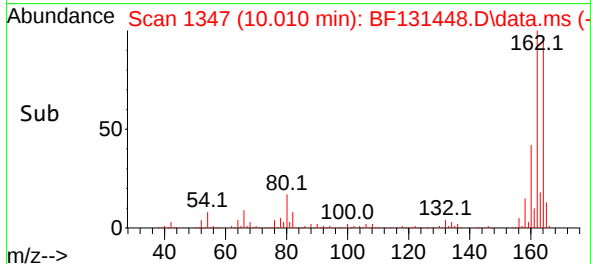
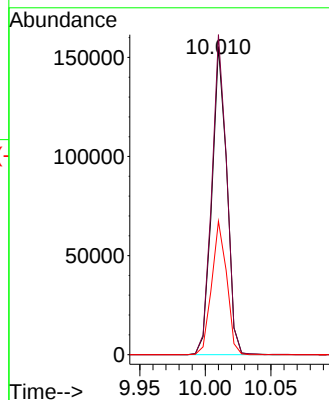
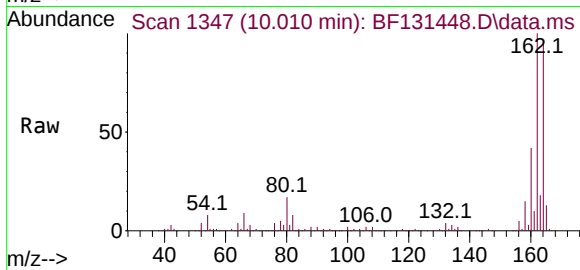
Tgt Ion:164 Resp: 122985

Ion Ratio Lower Upper

164 100

162 103.9 80.6 120.8

160 43.3 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 55.255 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

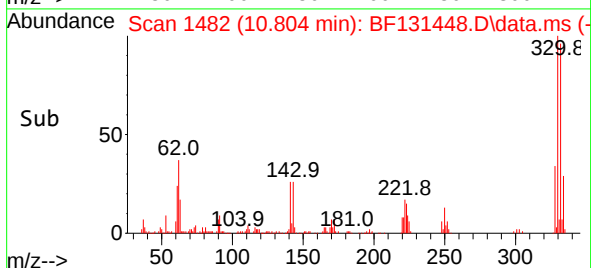
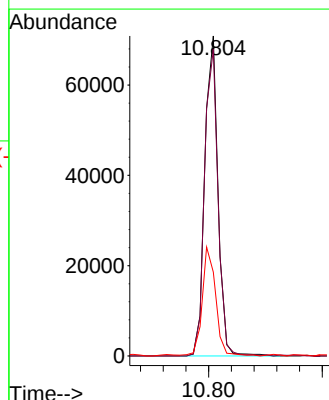
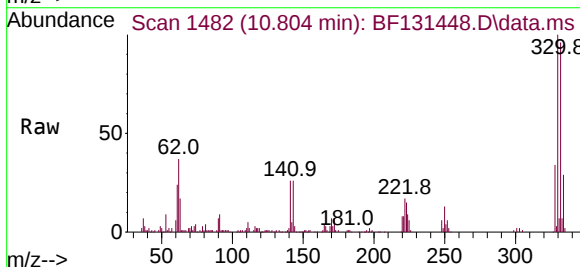
Tgt Ion:330 Resp: 57171

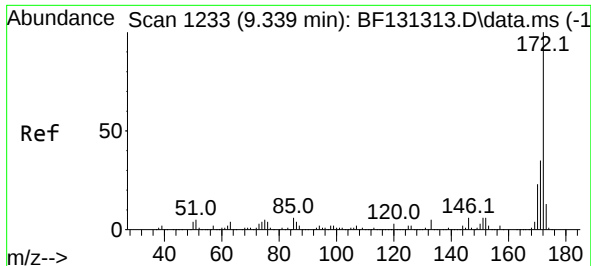
Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 34.7 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 25.785 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

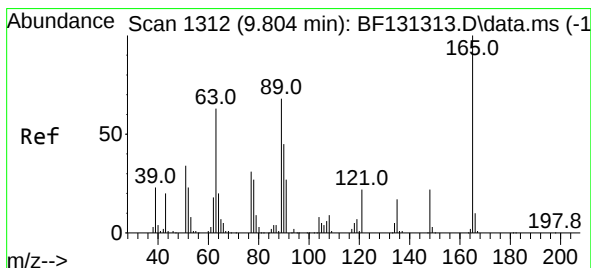
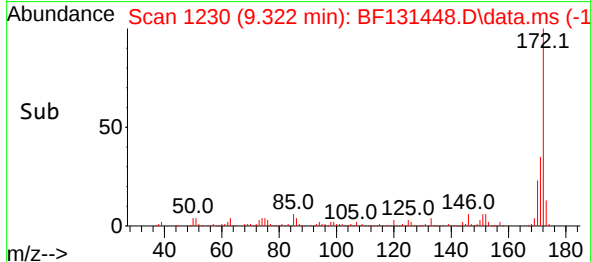
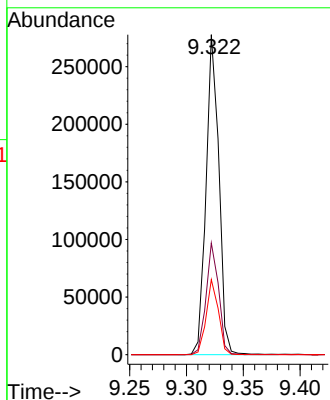
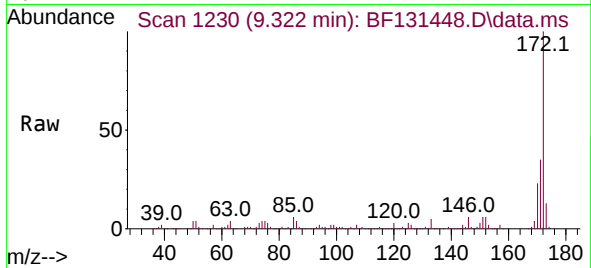
Tgt Ion:172 Resp: 217976

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.855 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.218 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

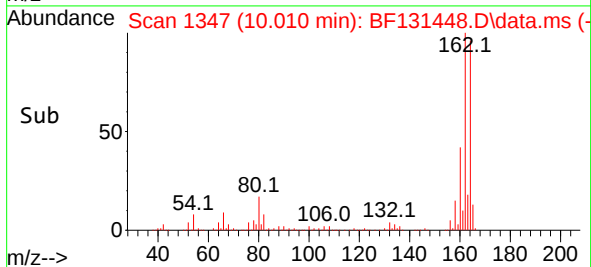
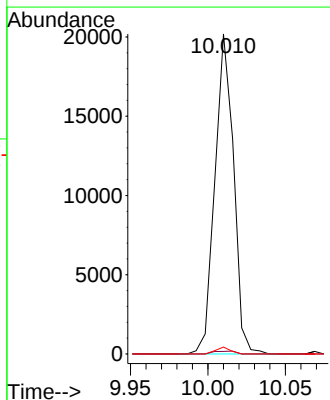
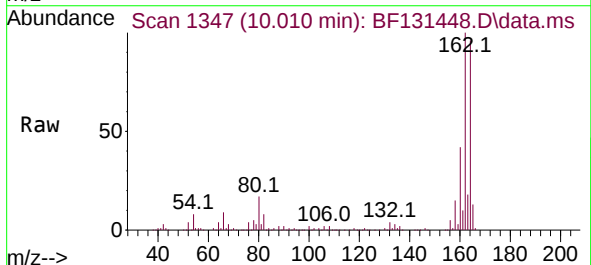
Tgt Ion:165 Resp: 16888

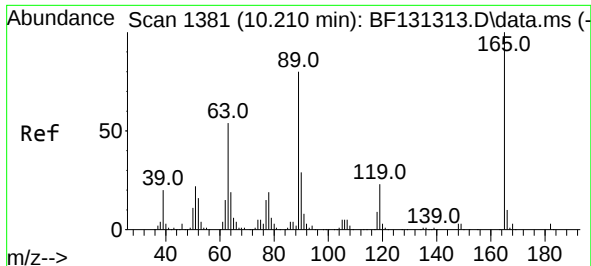
Ion Ratio Lower Upper

165 100

63 0.8 62.0 93.0#

89 2.1 54.4 81.6#

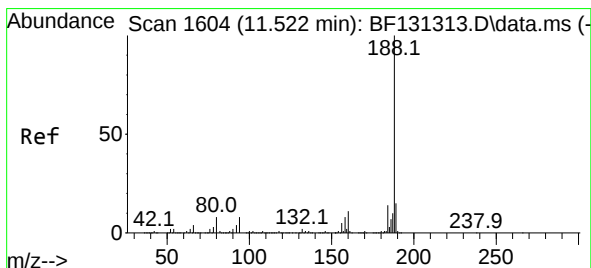
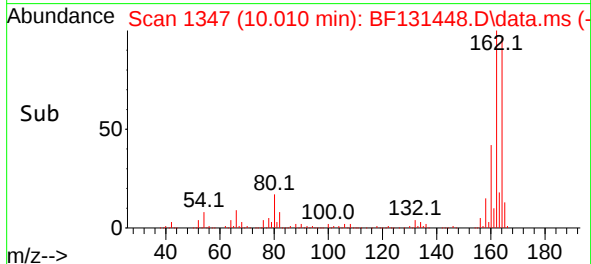
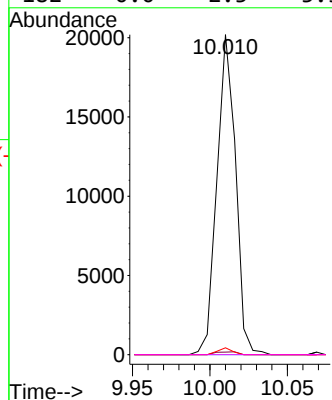
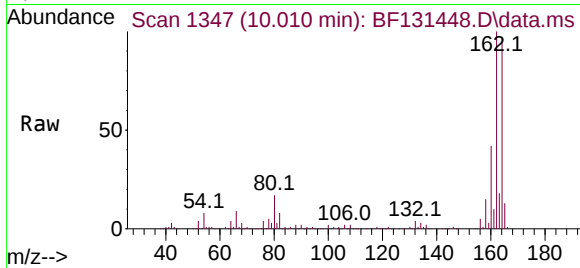




#57
2,4-Dinitrotoluene
Concen: 7.833 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

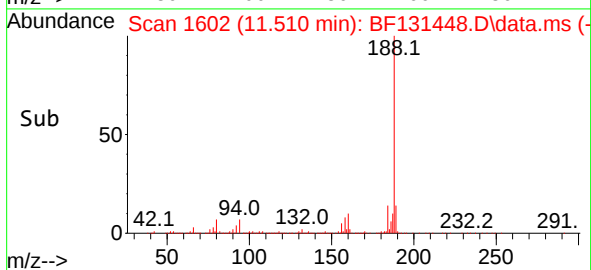
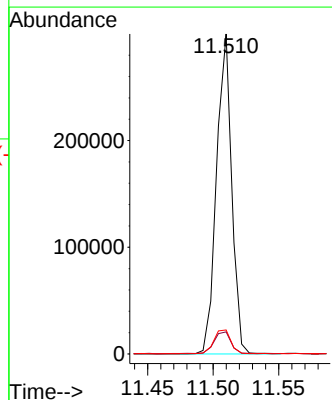
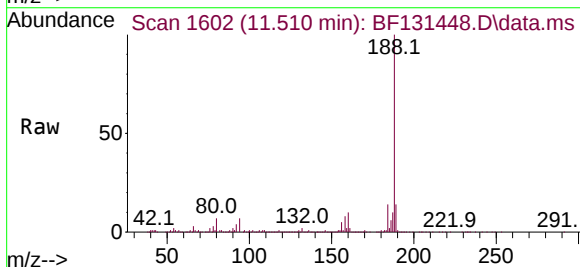
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

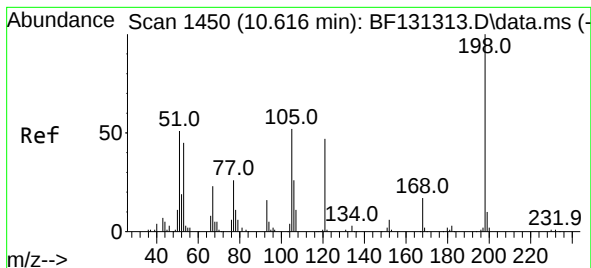
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Ion Ratio Lower Upper
165 100
63 0.8 43.4 65.2#
89 2.1 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:188 Resp: 241177
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 7.5 6.8 10.2

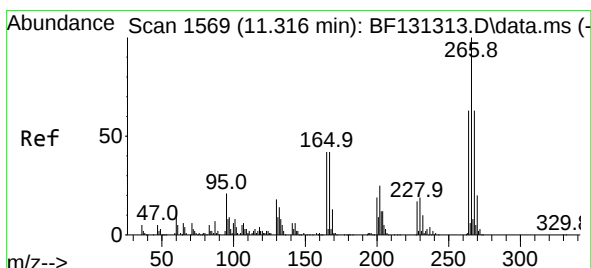
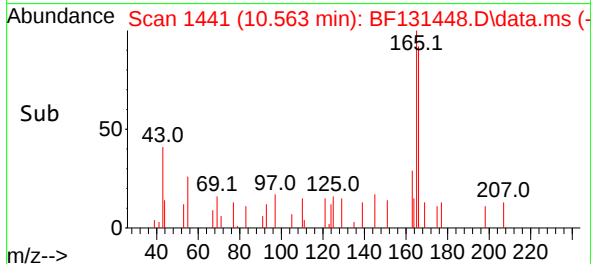
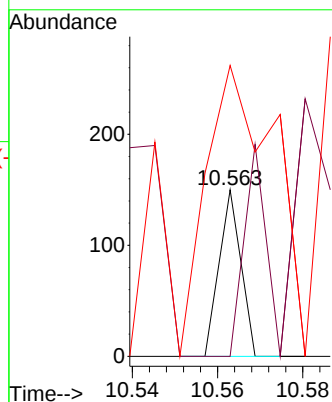
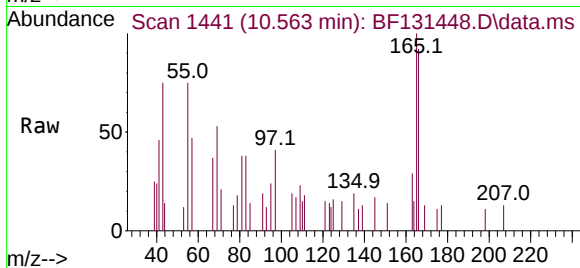




#65
4,6-Dinitro-2-methylphenol
Concen: 4.630 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.041 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

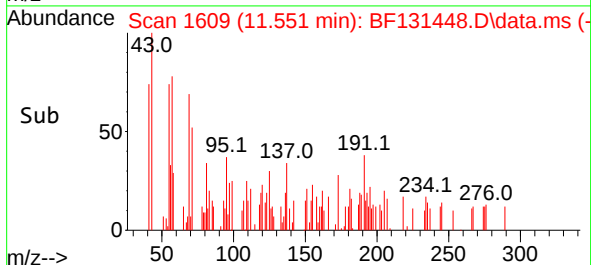
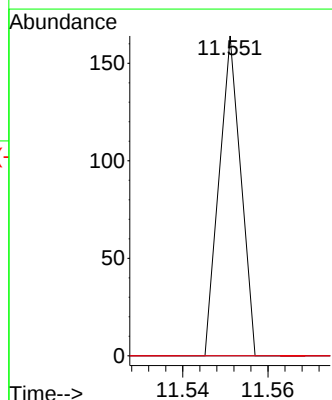
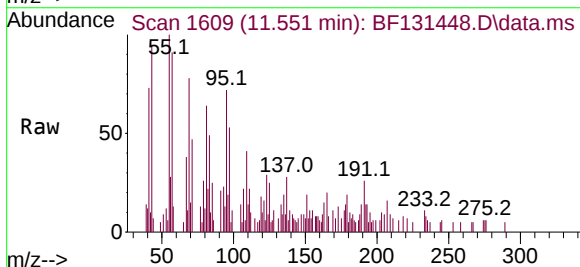
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

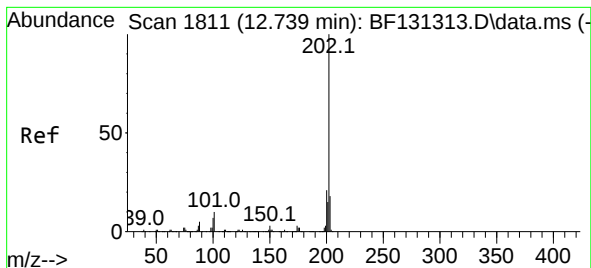
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 0.0 50.1 90.1#
105 174.7 32.5 72.5#



#70
Pentachlorophenol
Concen: 4.908 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.247 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 0.0 50.4 75.6#





#75

Fluoranthene

Concen: 4.989 ng

RT: 12.727 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

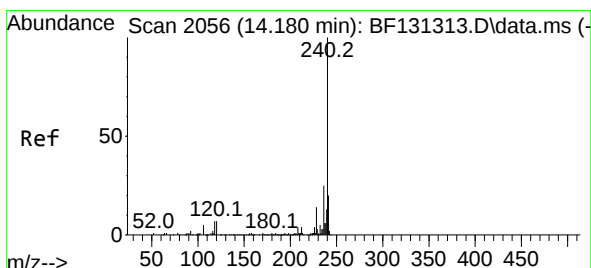
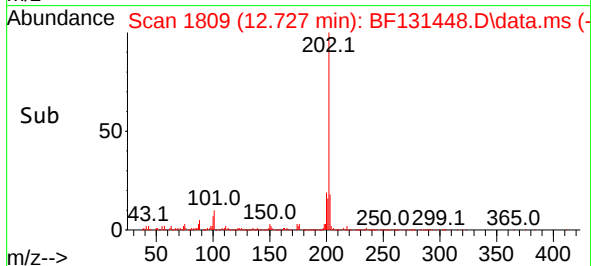
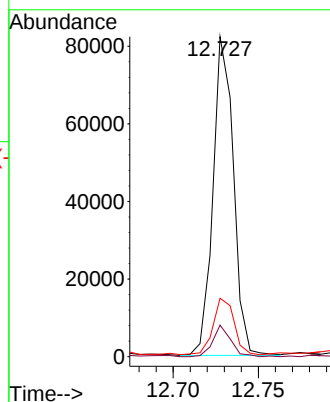
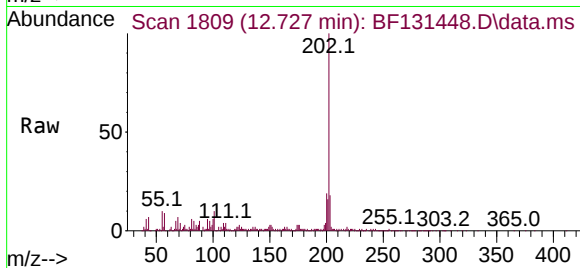
Instrument :

BNA_F

ClientSampleId :

LOCATION-4

Tgt Ion:	202	Resp:	68520
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.6
203	18.3	0.0	37.8



#76

Chrysene-d12

Concen: 20.000 ng

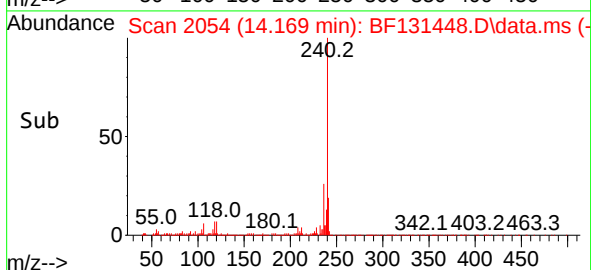
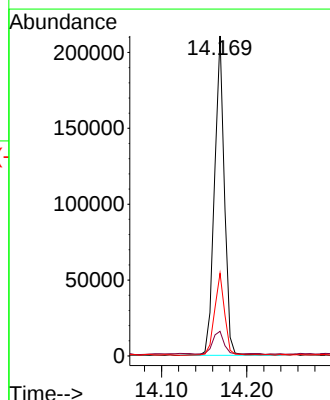
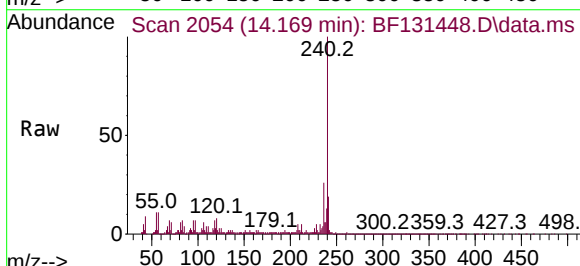
RT: 14.169 min Scan# 2054

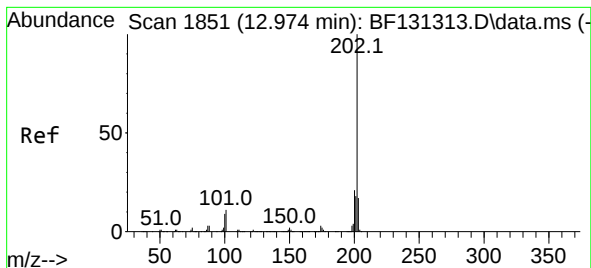
Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Tgt Ion:	240	Resp:	169908
Ion Ratio	Lower	Upper	
240	100		
120	7.7	5.8	8.8
236	25.8	20.3	30.5





#78

Pyrene

Concen: 5.071 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

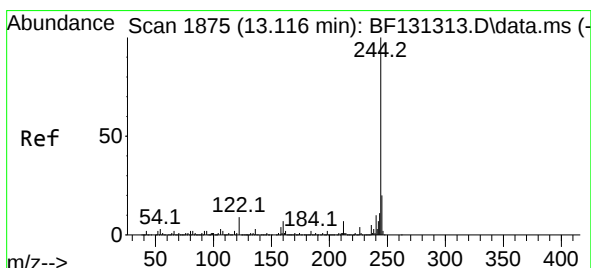
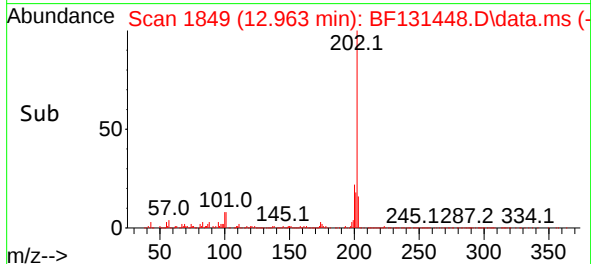
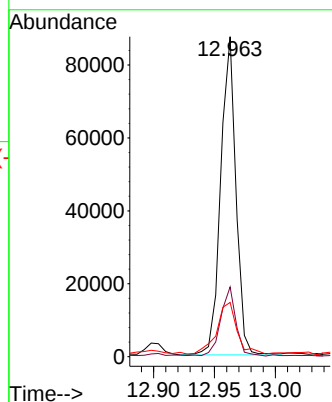
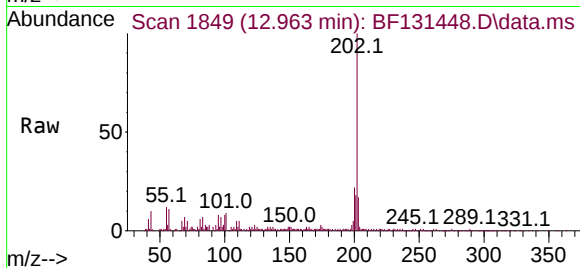
Tgt Ion:202 Resp: 76021

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

203 17.0 13.9 20.9



#79

Terphenyl-d14

Concen: 19.203 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

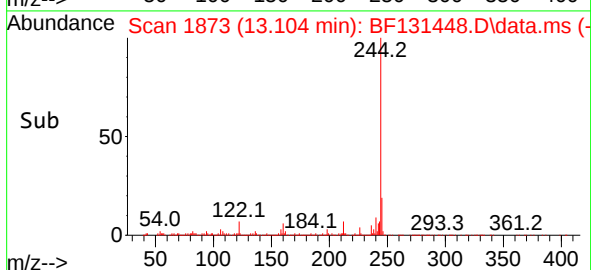
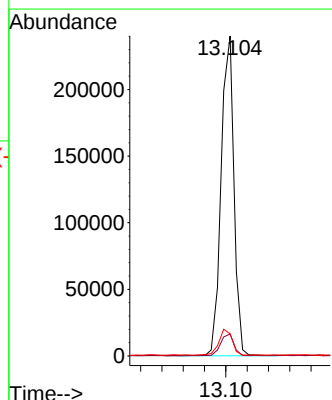
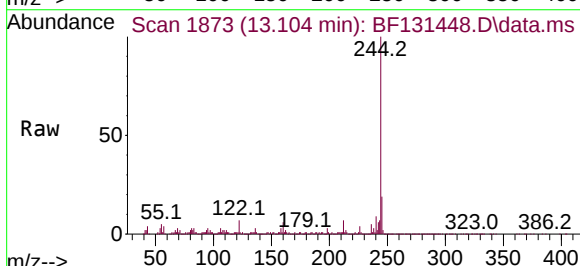
Tgt Ion:244 Resp: 199521

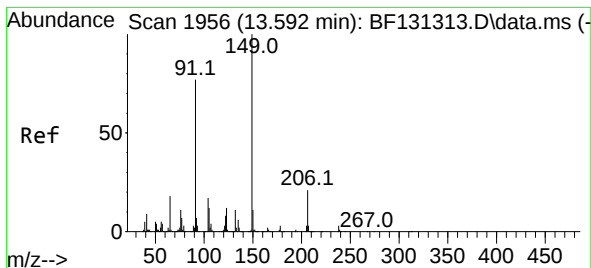
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 6.9 7.5 11.3#





#80

Butylbenzylphthalate

Concen: 4.427 ng

RT: 13.574 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

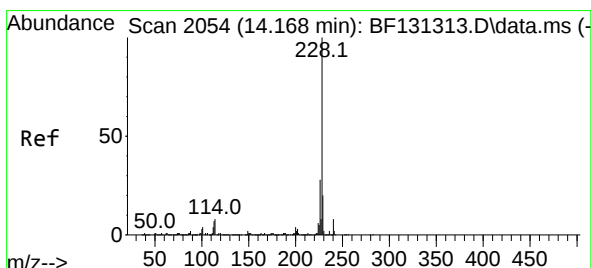
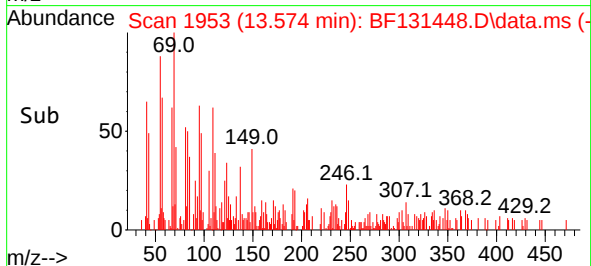
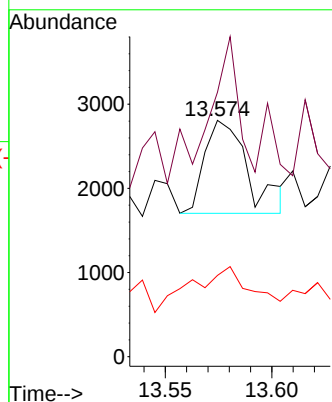
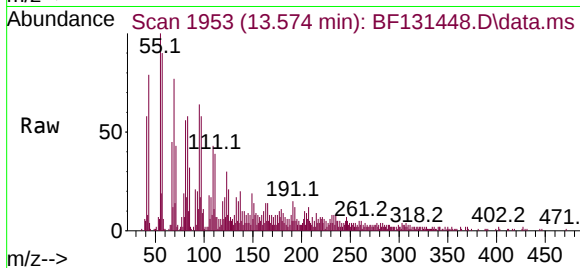
Tgt Ion:149 Resp: 1565

Ion Ratio Lower Upper

149 100

91 111.9 61.9 92.9#

206 34.4 16.5 24.7#



#81

Benzo(a)anthracene

Concen: 4.151 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

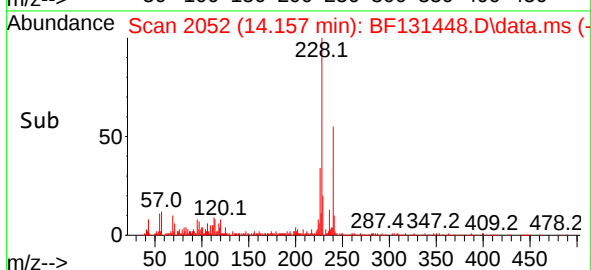
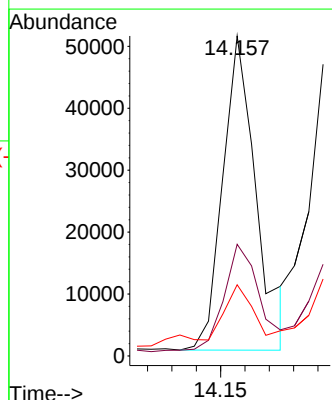
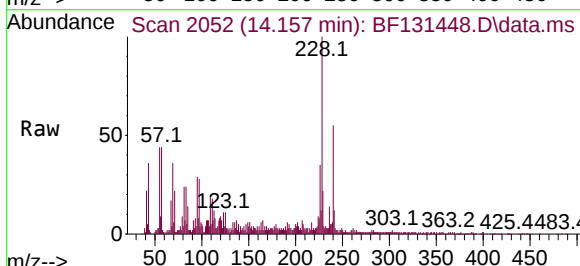
Tgt Ion:228 Resp: 48349

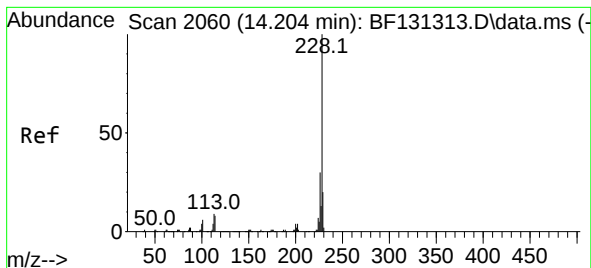
Ion Ratio Lower Upper

228 100

226 34.9 22.0 33.0#

229 22.2 15.7 23.5





#83

Chrysene

Concen: 4.231 ng

RT: 14.157 min Scan# 2060

Delta R.T. -0.035 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

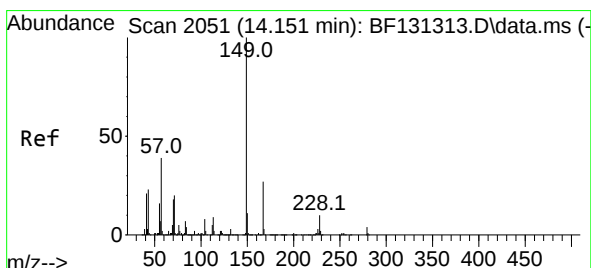
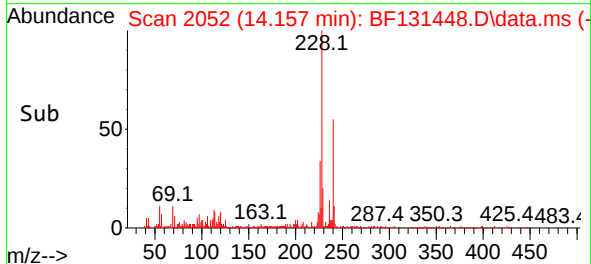
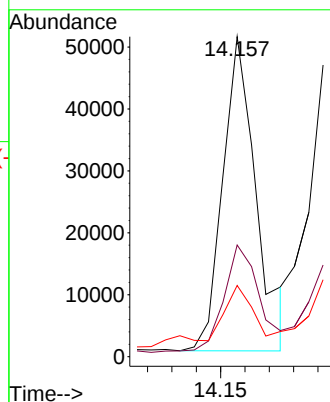
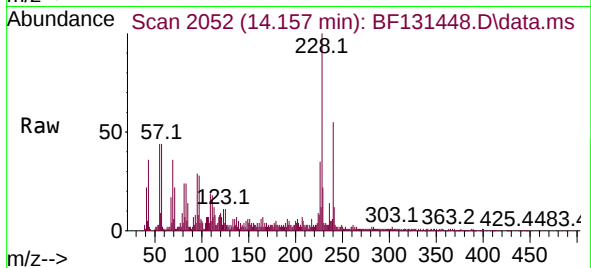
Tgt Ion:228 Resp: 48349

Ion Ratio Lower Upper

228 100

226 34.9 23.7 35.5

229 22.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.003 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

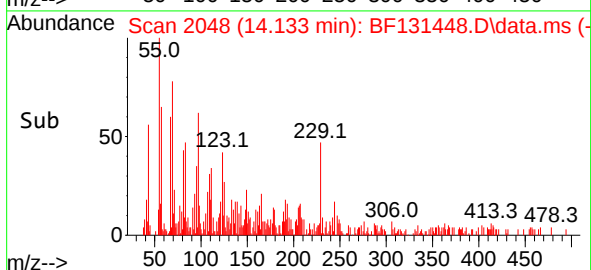
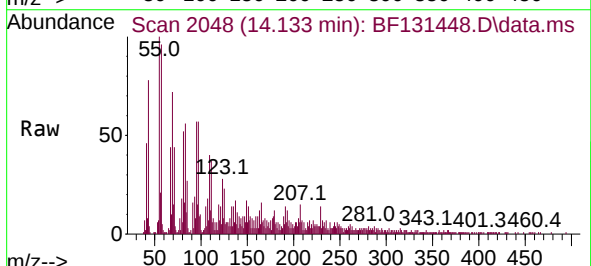
Tgt Ion:149 Resp: 1842

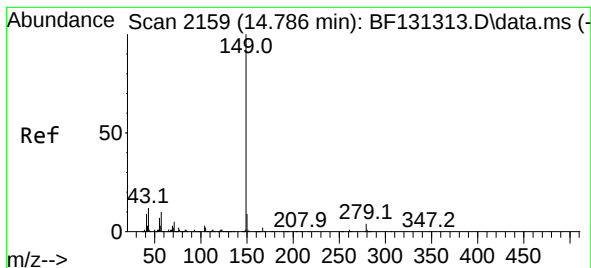
Ion Ratio Lower Upper

149 100

167 40.1 21.9 32.9#

279 16.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 4.008 ng

RT: 14.769 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

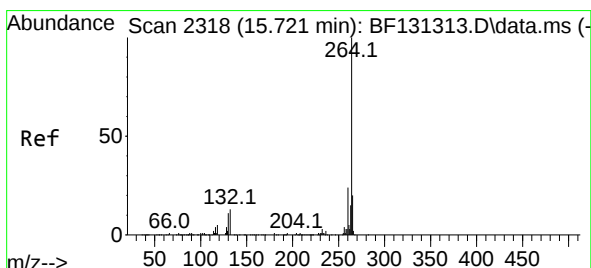
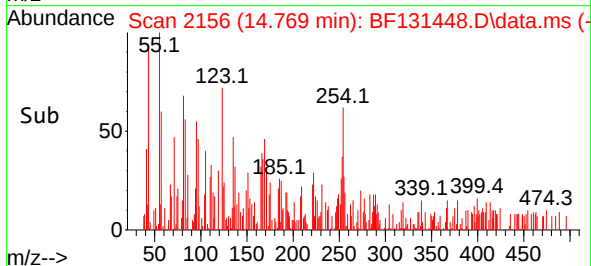
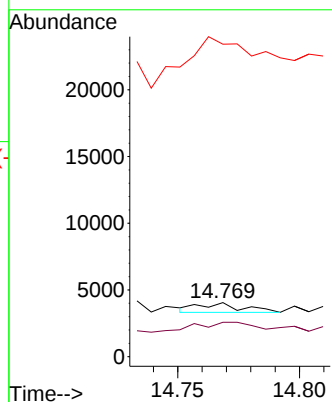
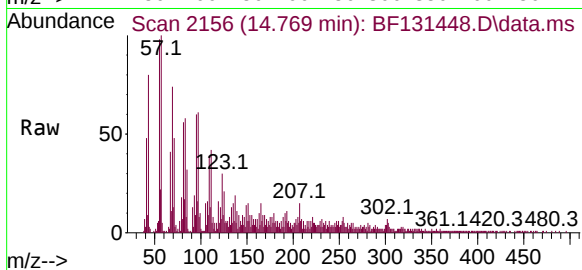
Tgt Ion:149 Resp: 889

Ion Ratio Lower Upper

149 100

167 255.5 1.2 1.8#

43 1015.6 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.710 min Scan# 2316

Delta R.T. 0.012 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

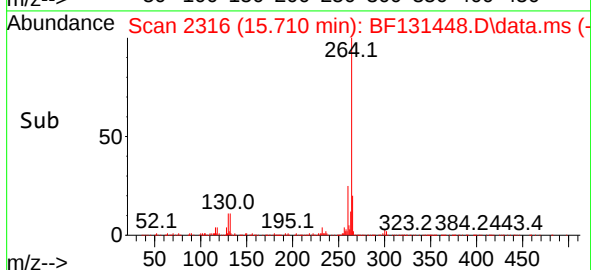
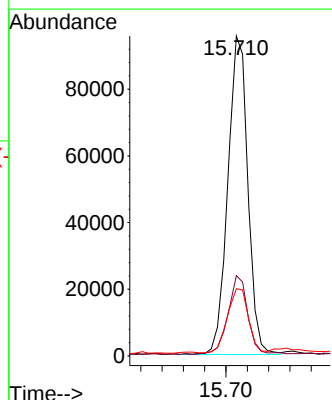
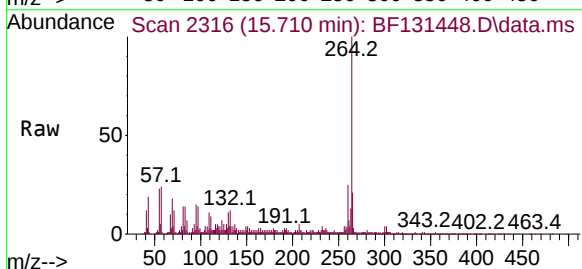
Tgt Ion:264 Resp: 124306

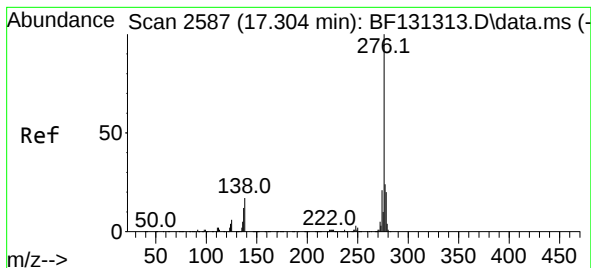
Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.4

265 21.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.966 ng

RT: 17.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4

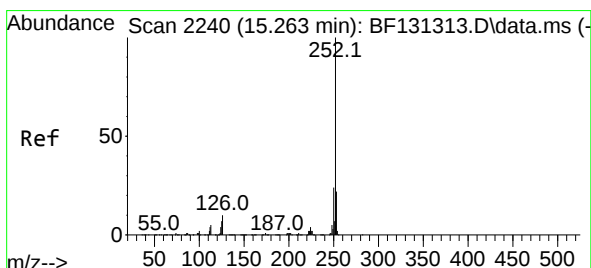
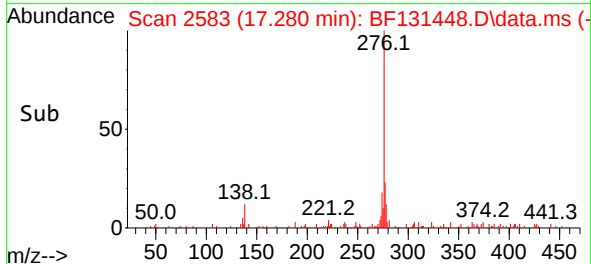
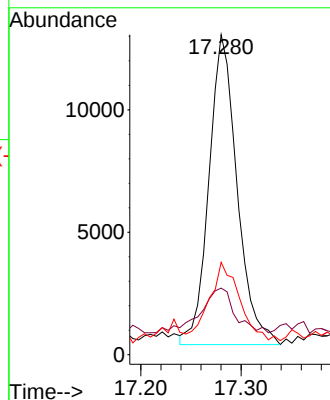
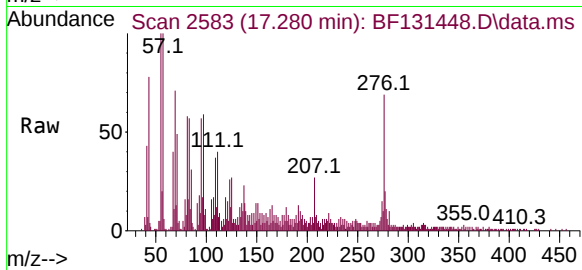
Tgt Ion:276 Resp: 24759

Ion Ratio Lower Upper

276 100

138 17.6 15.8 23.6

277 26.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 8.707 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.006 min

Lab File: BF131448.D

Acq: 29 Nov 2022 01:17

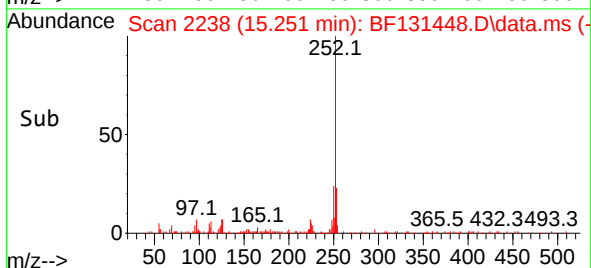
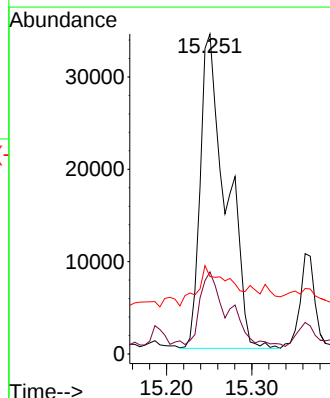
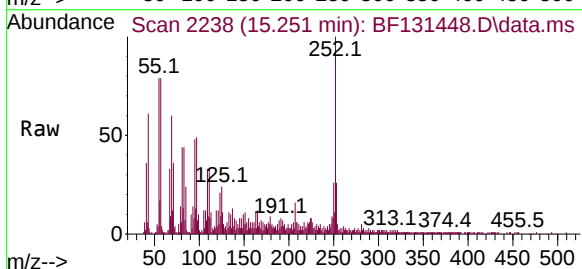
Tgt Ion:252 Resp: 71905

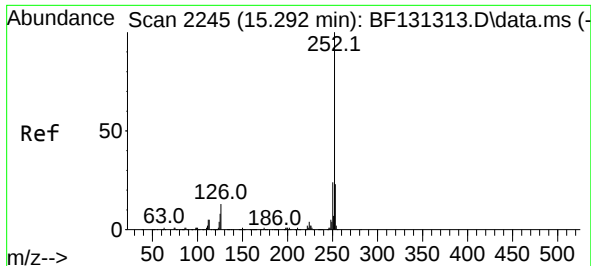
Ion Ratio Lower Upper

252 100

253 25.6 17.5 26.3

125 24.2 5.8 8.6#

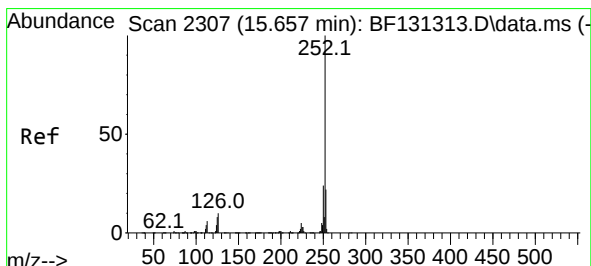
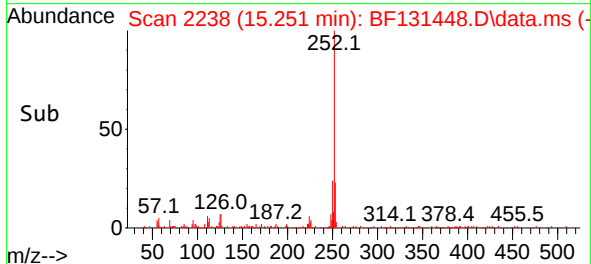
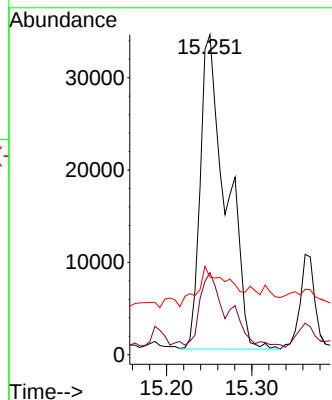
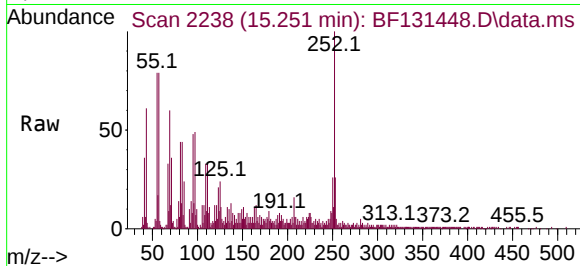




#89
Benzo(k)fluoranthene
Concen: 8.473 ng
RT: 15.251 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

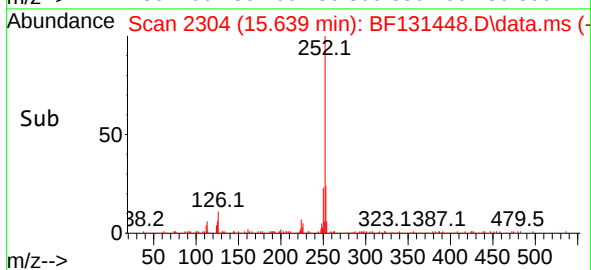
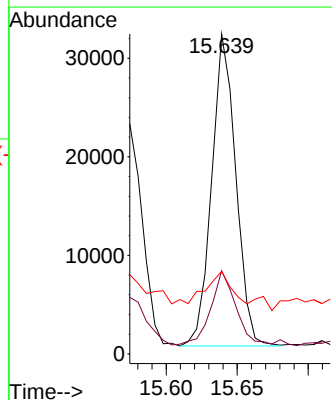
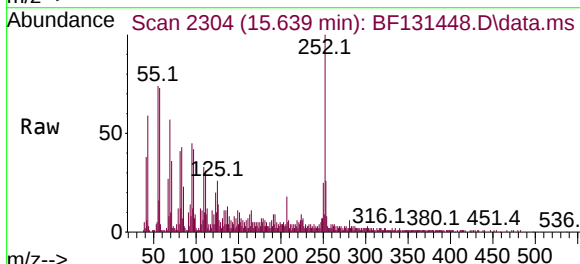
Instrument :
BNA_F
ClientSampleId :
LOCATION-4

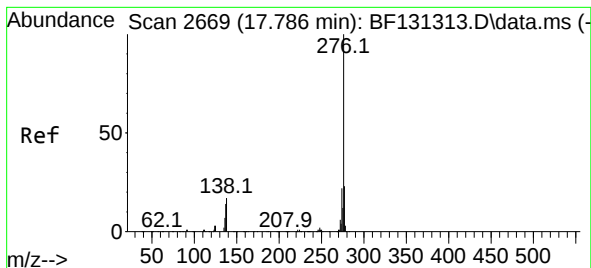
Tgt Ion:252 Resp: 71905
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 24.2 6.6 10.0#



#90
Benzo(a)pyrene
Concen: 5.523 ng
RT: 15.639 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BF131448.D
Acq: 29 Nov 2022 01:17

Tgt Ion:252 Resp: 37424
Ion Ratio Lower Upper
252 100
253 26.0 17.5 26.3
125 25.8 6.1 9.1#





#92

Benzo(g,h,i)perylene

Concen: 3.788 ng

RT: 17.762 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131448.D

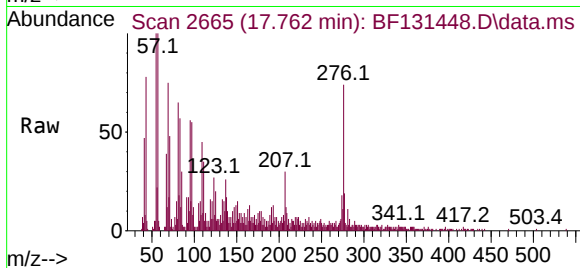
Acq: 29 Nov 2022 01:17

Instrument :

BNA_F

ClientSampleId :

LOCATION-4



Tgt Ion:276 Resp: 26060

Ion Ratio Lower Upper

276 100

277 26.1 18.3 27.5

138 23.5 13.8 20.6#

