

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131415.D
 Acq On : 26 Nov 2022 01:36
 Operator : CG\JU
 Sample : N5762-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:19:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

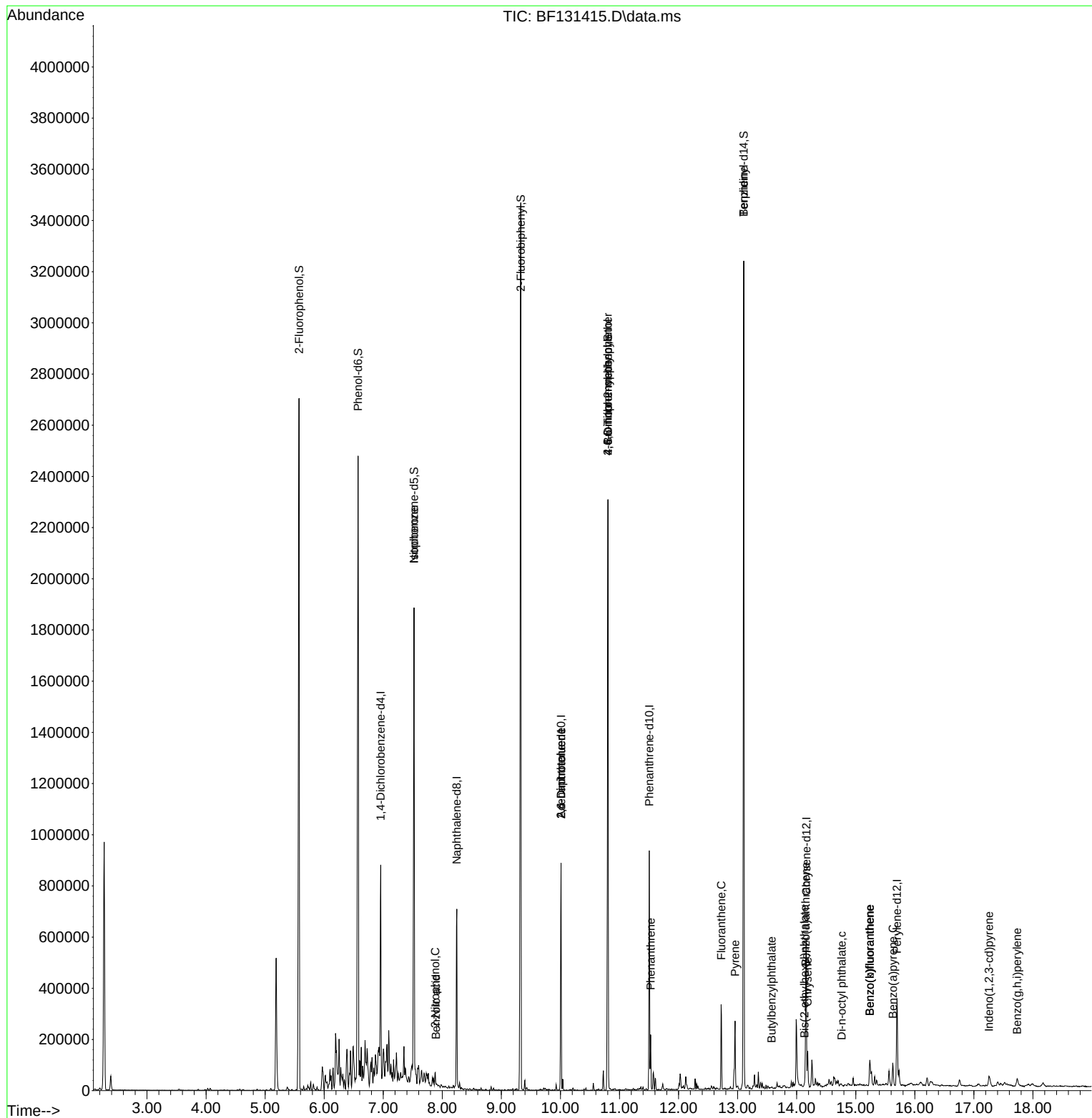
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	79419	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	300361	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	171498	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	303022	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	187505	20.000	ng	-0.01
86) Perylene-d12	15.698	264	164209	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	720147	172.578	ng	0.01
7) Phenol-d6	6.575	99	901097	169.248	ng	0.00
23) Nitrobenzene-d5	7.522	82	593178	99.551	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	266137	184.455	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1104826	93.723	ng	0.00
79) Terphenyl-d14	13.104	244	1149148	100.219	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	1664	Below Cal	#	4
25) Isophorone	7.522	82	592710	55.755	ng	# 68
26) 2-Nitrophenol	7.881	139	200	3.677	ng	# 1
32) Benzoic acid	7.892	122	516	5.364	ng	# 54
51) 2,6-Dinitrotoluene	10.010	165	21910	9.169	ng	# 14
57) 2,4-Dinitrotoluene	10.010	165	21910	7.287	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.804	198	649	5.133	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	16979	4.572	ng	# 1
71) Phenanthrene	11.527	178	68921	4.209	ng	99
75) Fluoranthene	12.722	202	131665	7.630	ng	99
77) Benzidine	13.104	184	15495	4.474	ng	# 89
78) Pyrene	12.957	202	107864	6.520	ng	98
80) Butylbenzylphthalate	13.574	149	74	4.156	ng	# 86
81) Benzo(a)anthracene	14.151	228	53540	4.166	ng	99
83) Chrysene	14.186	228	49371	3.915	ng	97
84) Bis(2-ethylhexyl)phtha...	14.133	149	2483	4.059	ng	# 83
85) Di-n-octyl phthalate	14.763	149	430	3.948	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.256	276	29279	2.655	ng	97
88) Benzo(b)fluoranthene	15.239	252	82144	7.530	ng	# 96
89) Benzo(k)fluoranthene	15.239	252	82144	7.327	ng	97
90) Benzo(a)pyrene	15.627	252	42752	4.776	ng	# 96
92) Benzo(g,h,i)perylene	17.733	276	27396	3.015	ng	96

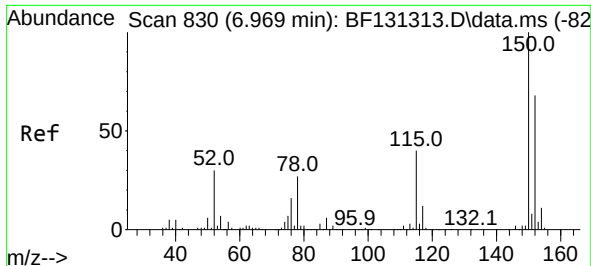
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
Data File : BF131415.D
Acq On : 26 Nov 2022 01:36
Operator : CG\JU
Sample : N5762-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

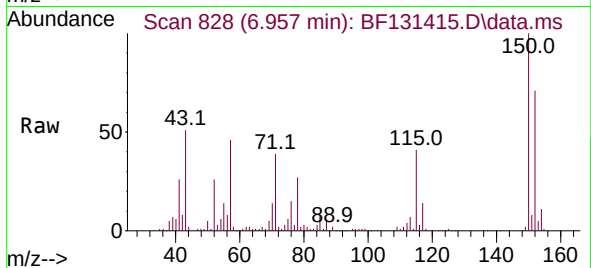
Quant Time: Nov 26 03:19:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



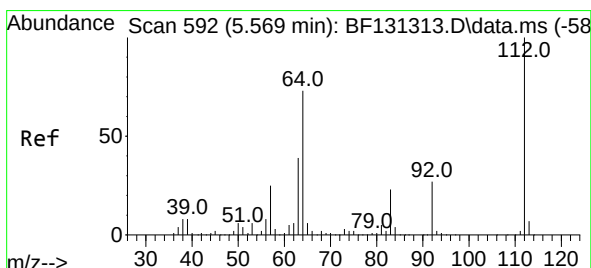
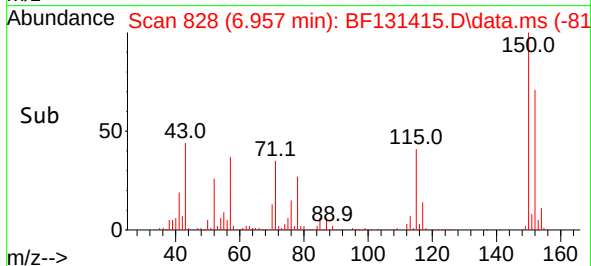
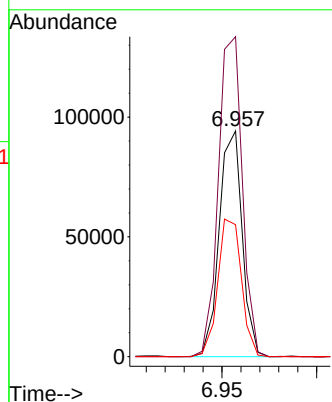


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Instrument :
BNA_F
ClientSampleId :

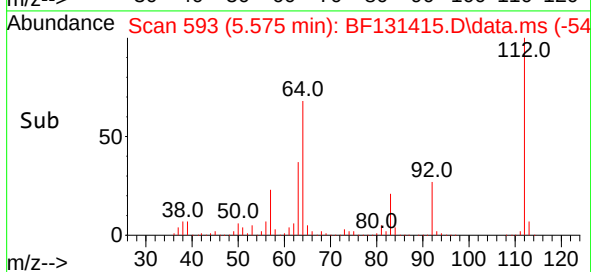
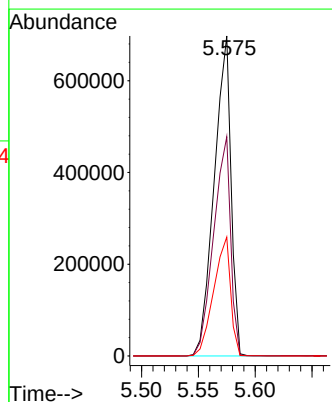
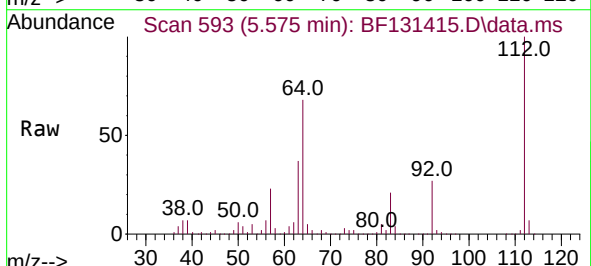


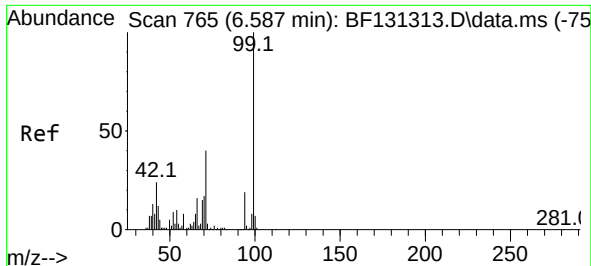
Tgt Ion:152 Resp: 79419
Ion Ratio Lower Upper
152 100
150 141.8 117.8 176.8
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 172.578 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion:112 Resp: 720147
Ion Ratio Lower Upper
112 100
64 68.5 58.6 88.0
63 37.1 31.4 47.0

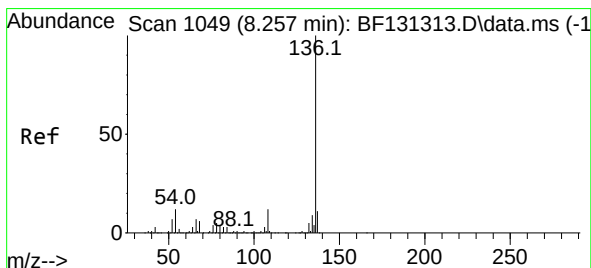
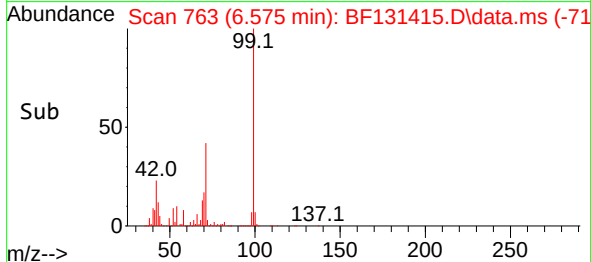
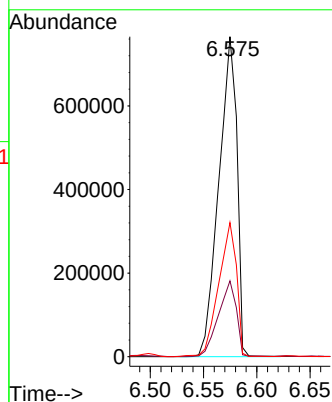
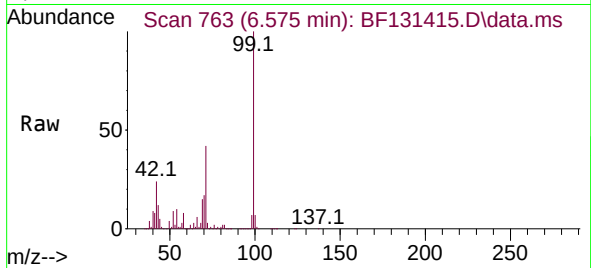




#7
Phenol-d6
Concen: 169.248 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

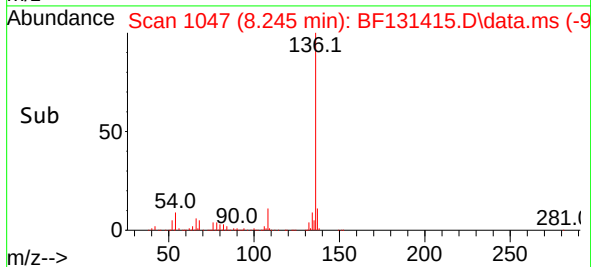
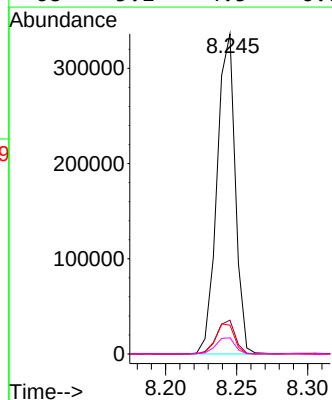
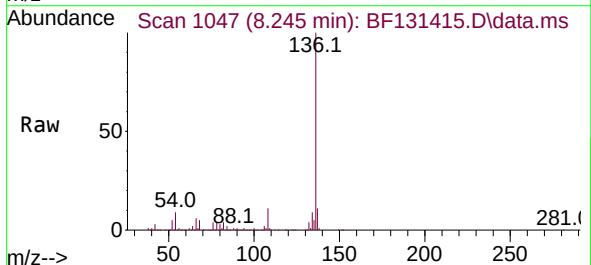
Instrument :
BNA_F
ClientSampleId :

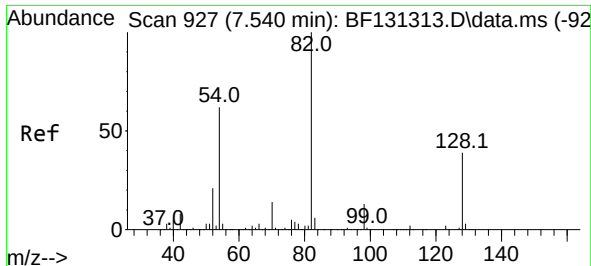
Tgt Ion: 99 Resp: 901097
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 41.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion: 136 Resp: 300361
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.0 9.4 14.0#
68 5.1 4.5 6.7

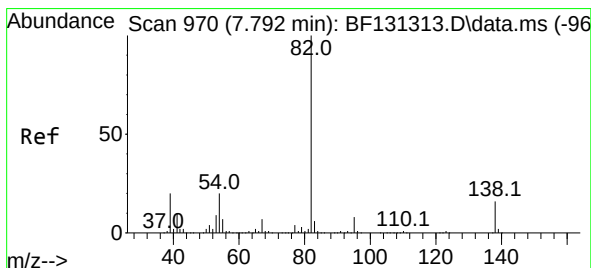
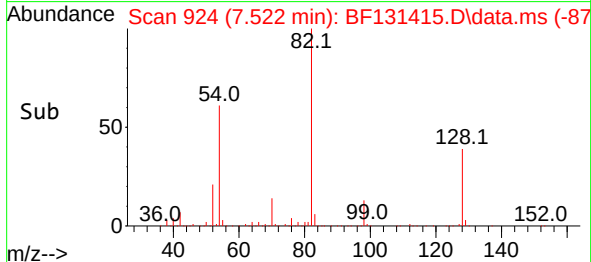
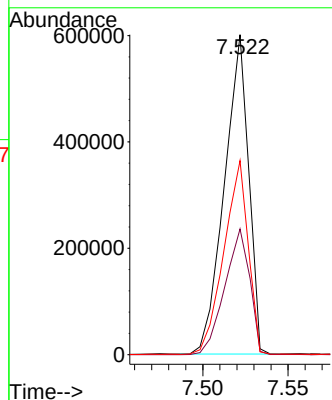
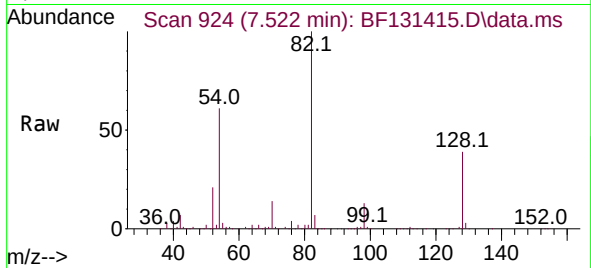




#23
Nitrobenzene-d5
Concen: 99.551 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

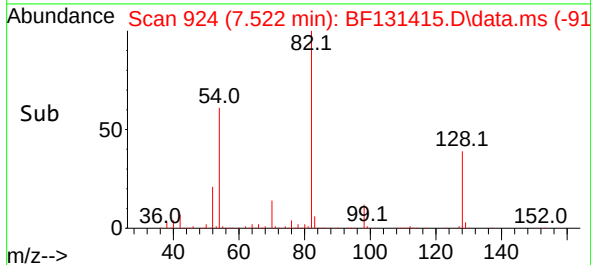
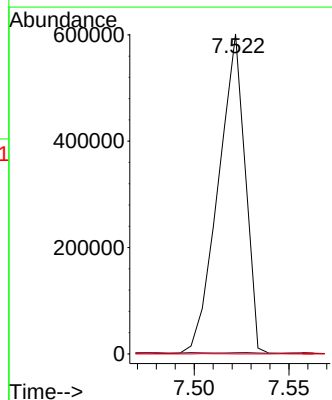
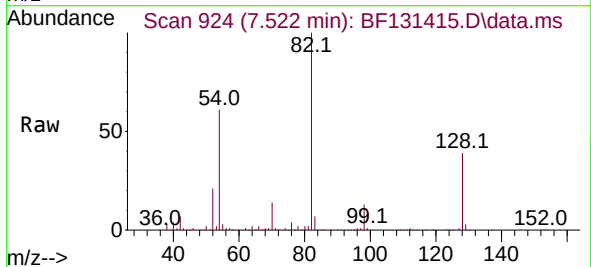
Instrument :
BNA_F
ClientSampleId :

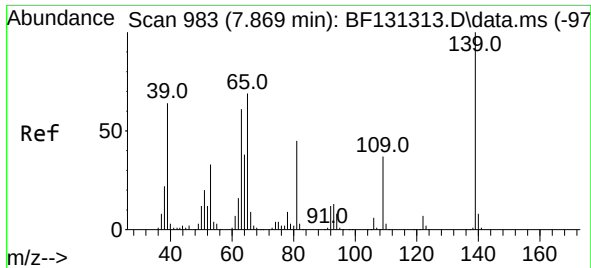
Tgt Ion: 82 Resp: 593178
Ion Ratio Lower Upper
82 100
128 39.3 31.4 47.0
54 60.7 49.8 74.6



#25
Isophorone
Concen: 55.755 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion: 82 Resp: 592710
Ion Ratio Lower Upper
82 100
95 0.4 6.2 9.2#
138 0.0 12.7 19.1#

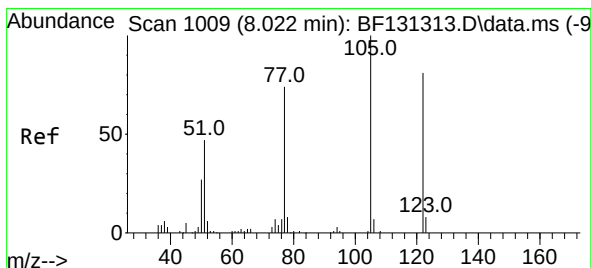
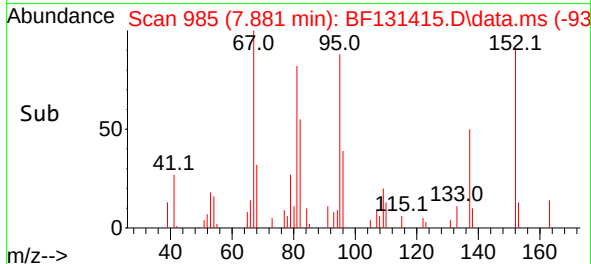
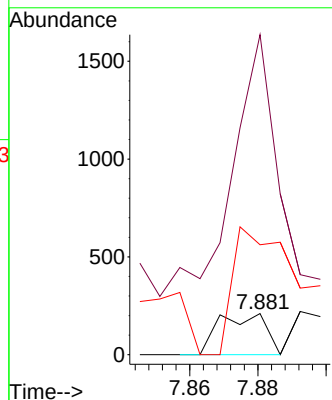
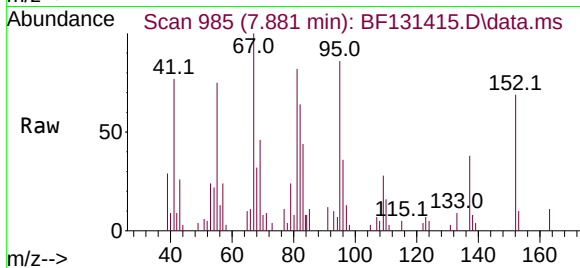




#26
2-Nitrophenol
Concen: 3.677 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

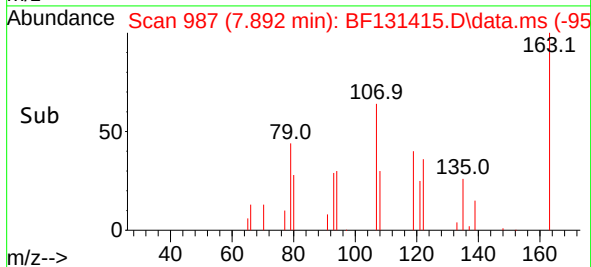
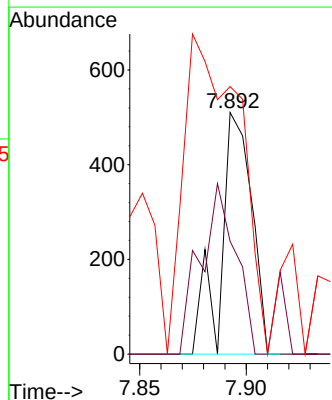
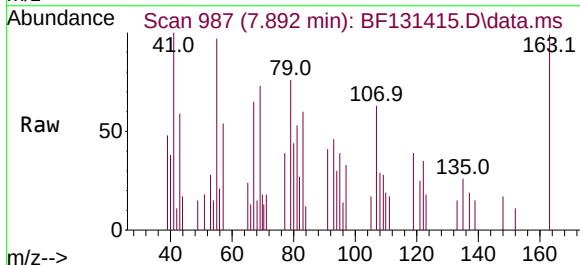
Instrument :
BNA_F
ClientSampleId :

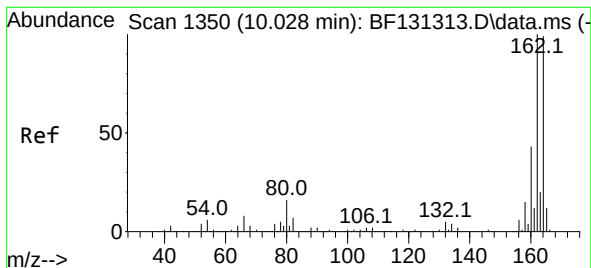
Tgt Ion:139 Resp: 200
Ion Ratio Lower Upper
139 100
109 779.0 29.9 44.9#
65 267.6 55.7 83.5#



#32
Benzoic acid
Concen: 5.364 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.117 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion:122 Resp: 516
Ion Ratio Lower Upper
122 100
105 46.7 103.8 143.8#
77 110.8 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.006 min

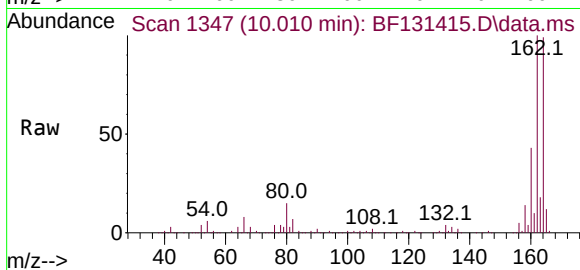
Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :



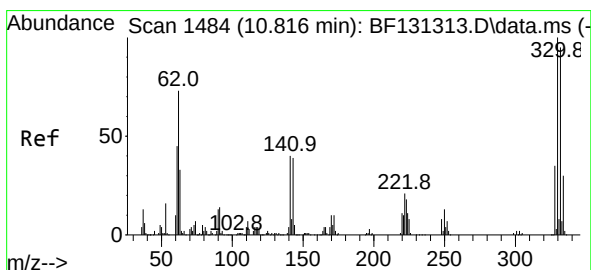
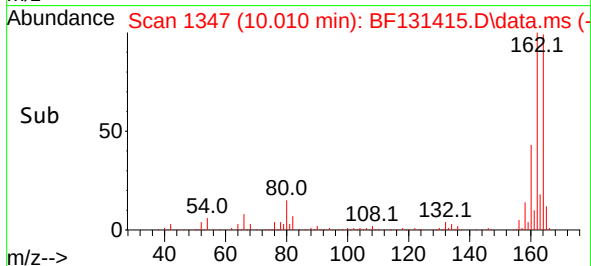
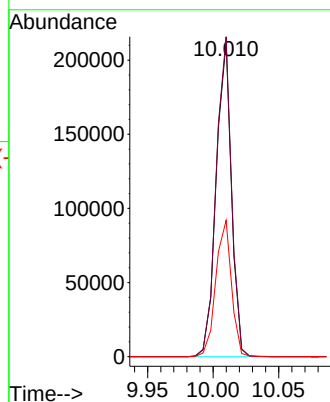
Tgt Ion:164 Resp: 171498

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

160 43.3 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 184.455 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

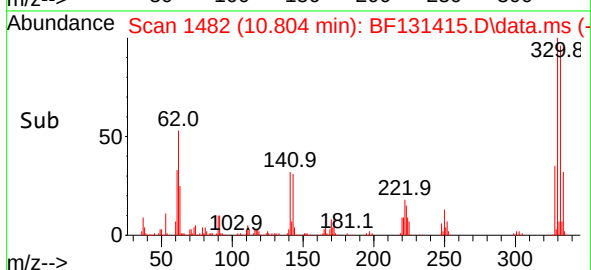
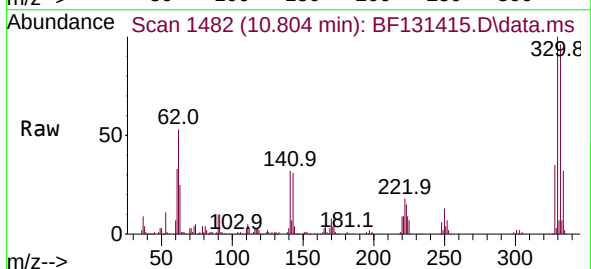
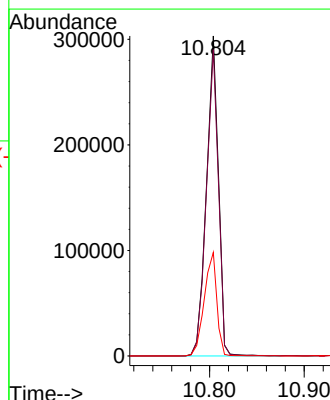
Tgt Ion:330 Resp: 266137

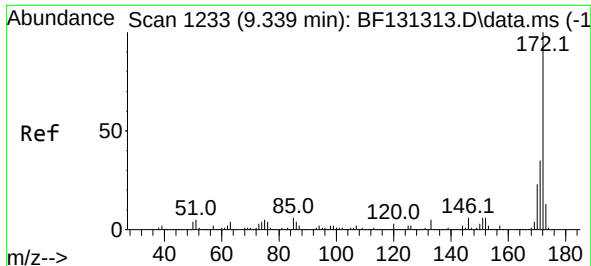
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 34.1 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 93.723 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :

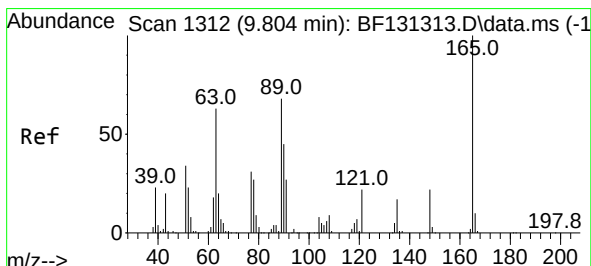
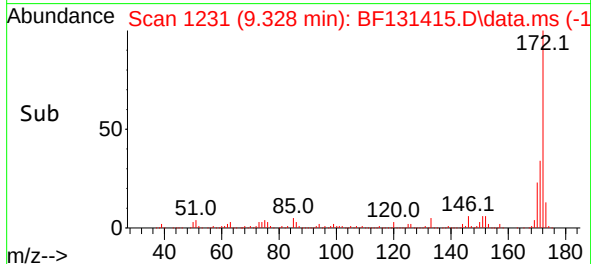
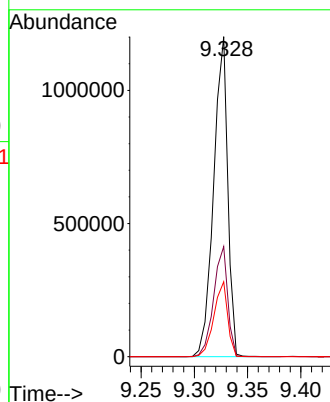
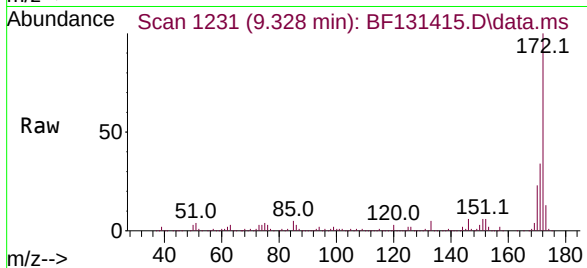
Tgt Ion:172 Resp: 1104826

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 23.4 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.169 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

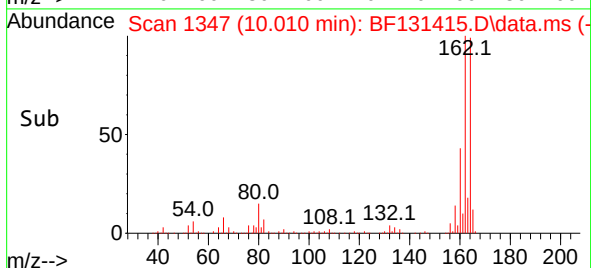
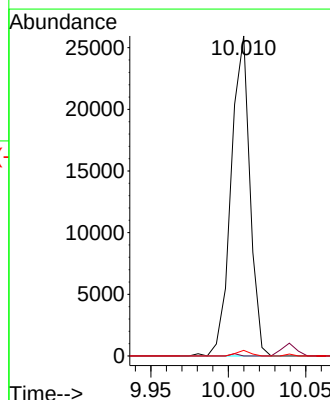
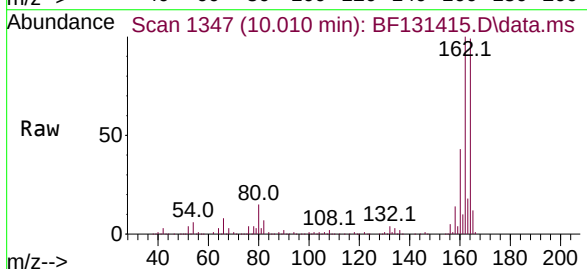
Tgt Ion:165 Resp: 21910

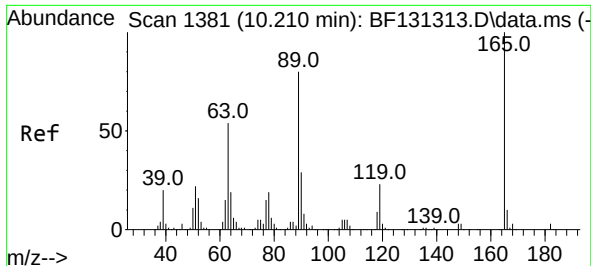
Ion Ratio Lower Upper

165 100

63 0.0 62.0 93.0#

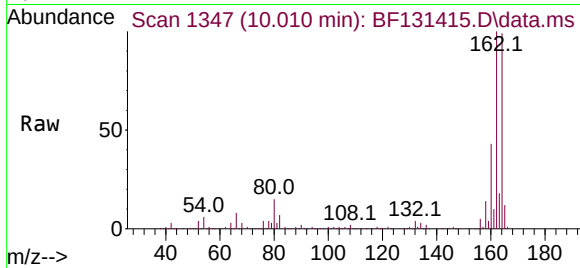
89 1.8 54.4 81.6#



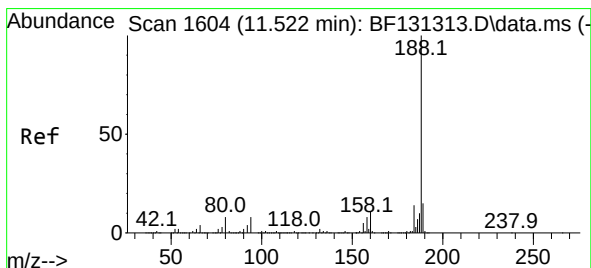
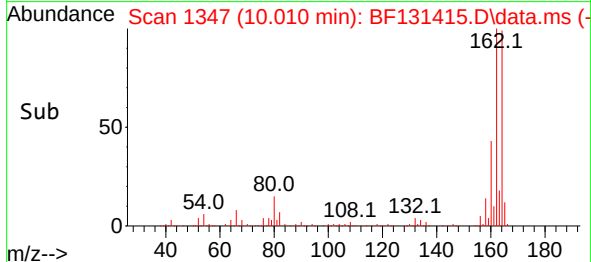
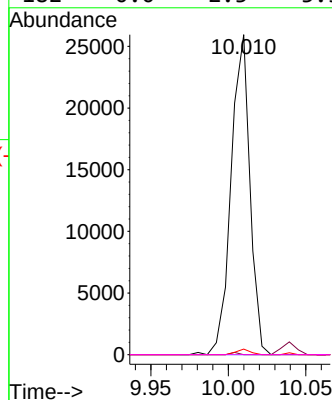


#57
2,4-Dinitrotoluene
Concen: 7.287 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Instrument :
BNA_F
ClientSampleId :

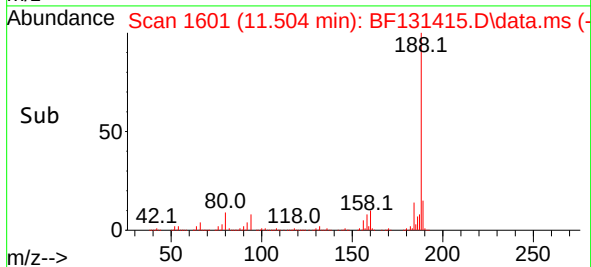
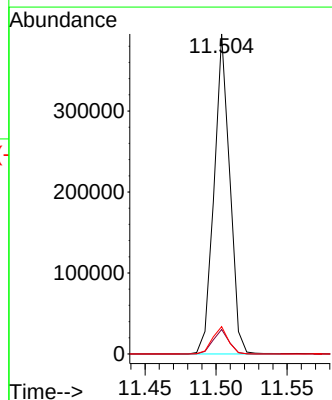
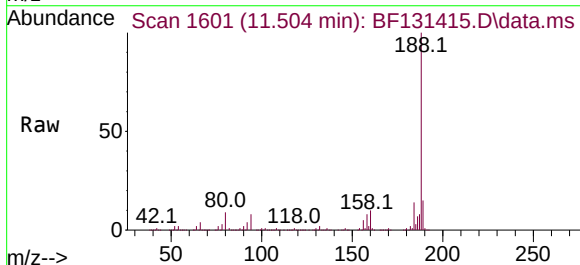


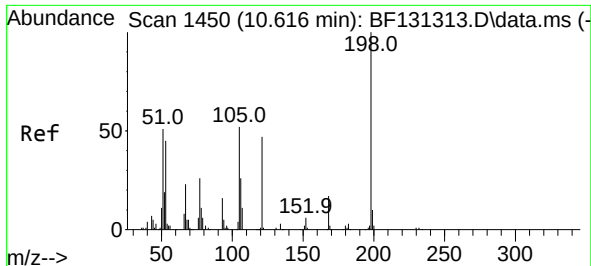
Tgt Ion:165 Resp: 21910
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.8 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion:188 Resp: 303022
Ion Ratio Lower Upper
188 100
94 7.7 6.3 9.5
80 8.6 6.8 10.2

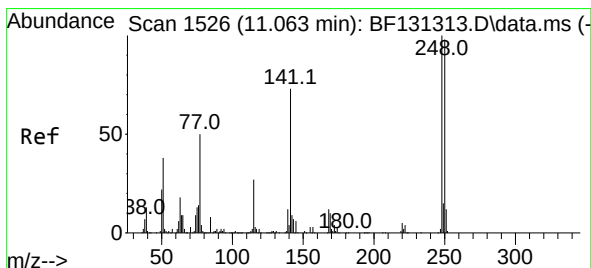
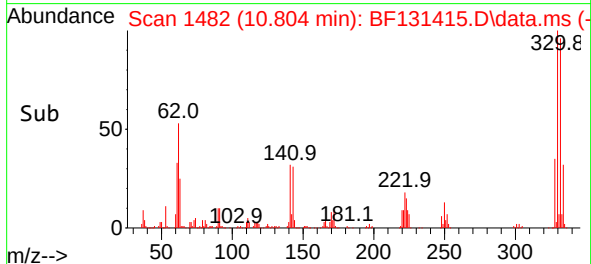
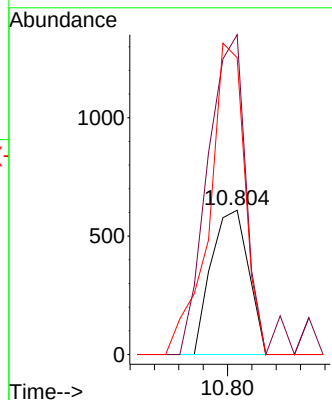
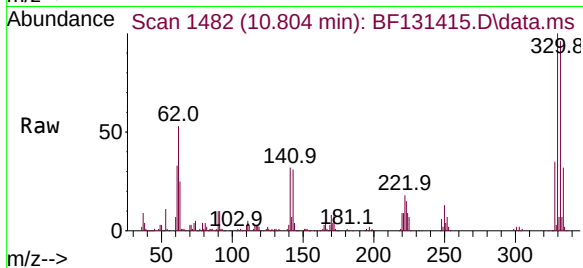




#65
4,6-Dinitro-2-methylphenol
Concen: 5.133 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

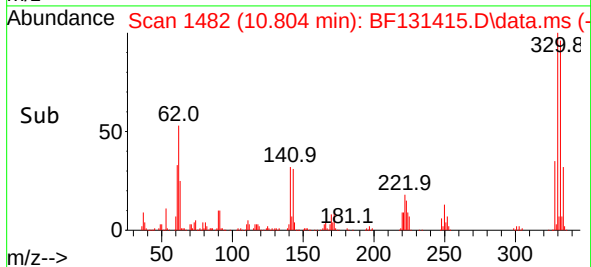
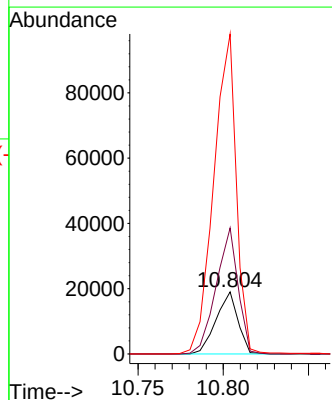
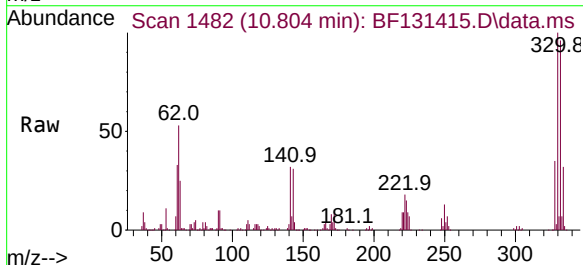
Instrument :
BNA_F
ClientSampleId :

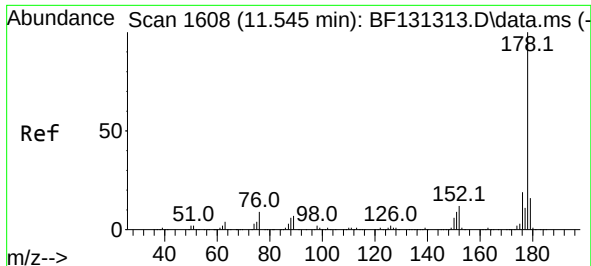
Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 221.5 50.1 90.1#
105 205.6 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.572 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

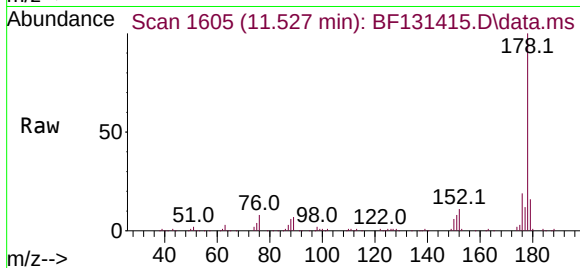
Tgt Ion:248 Resp: 16979
Ion Ratio Lower Upper
248 100
250 203.2 78.3 117.5#
141 515.9 58.0 87.0#



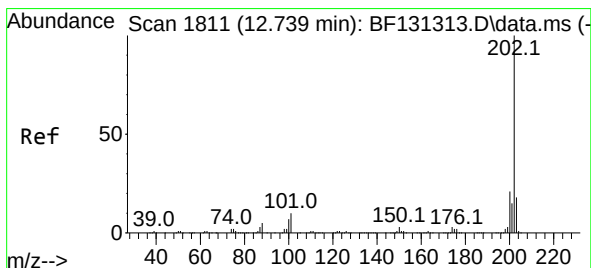
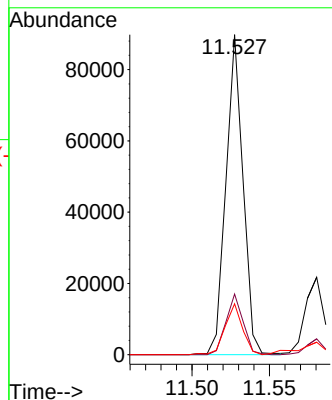
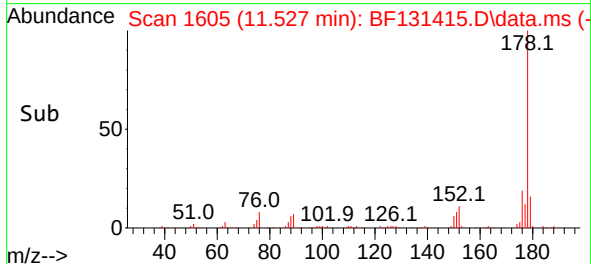


#71
Phenanthrene
Concen: 4.209 ng
RT: 11.527 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

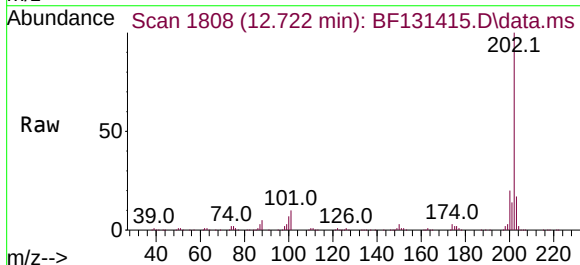
Instrument :
BNA_F
ClientSampleId :



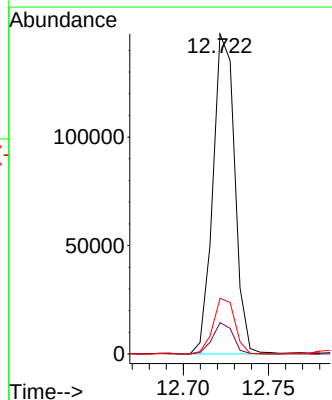
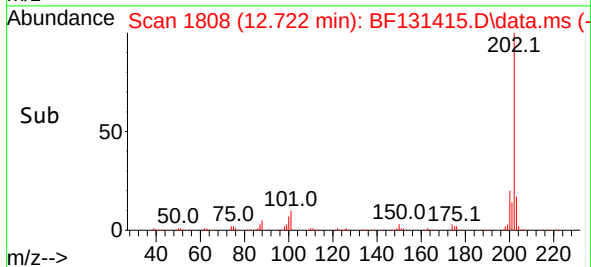
Tgt Ion:178 Resp: 68921
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.9 12.4 18.6

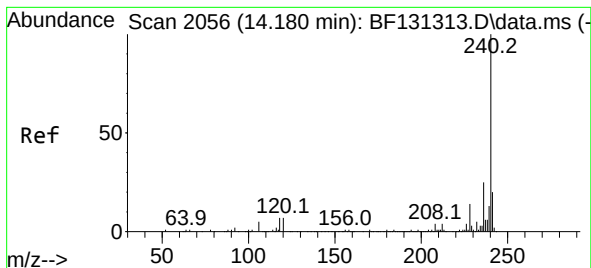


#75
Fluoranthene
Concen: 7.630 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36



Tgt Ion:202 Resp: 131665
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 17.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :

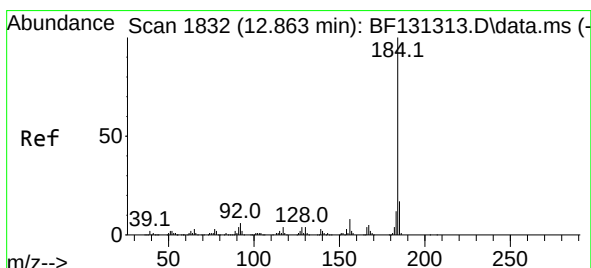
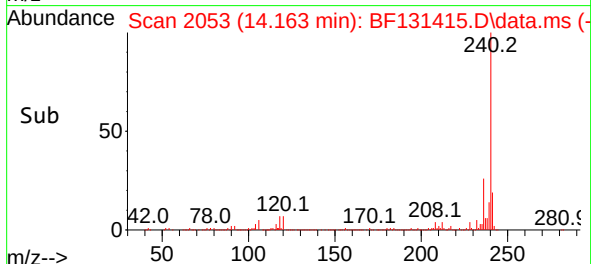
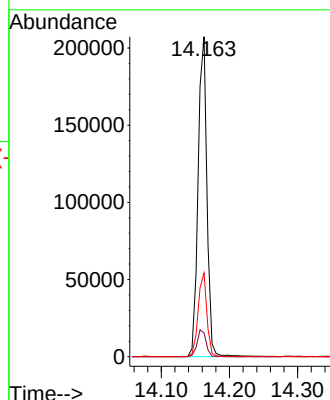
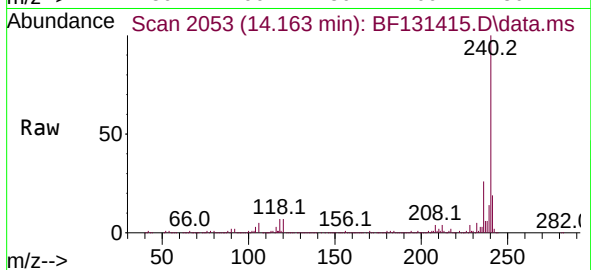
Tgt Ion:240 Resp: 187505

Ion Ratio Lower Upper

240 100

120 7.4 5.8 8.8

236 26.2 20.3 30.5



#77

Benzdine

Concen: 4.474 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.247 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

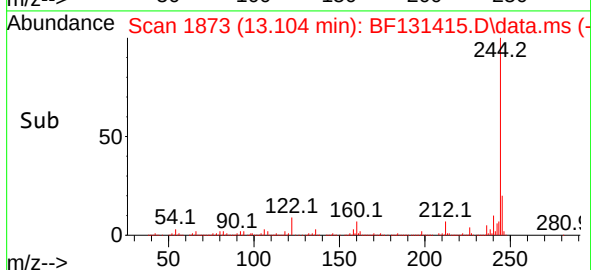
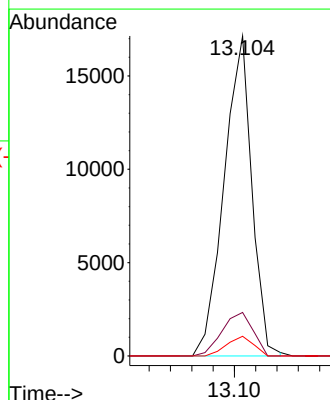
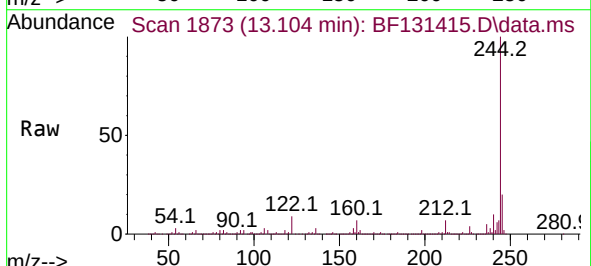
Tgt Ion:184 Resp: 15495

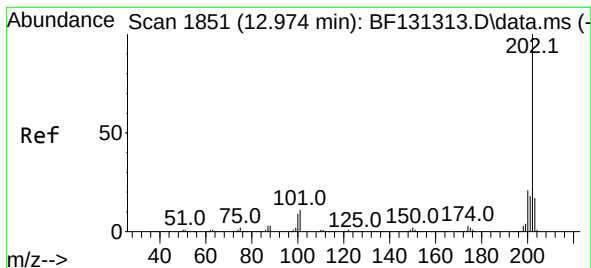
Ion Ratio Lower Upper

184 100

185 13.6 13.8 20.8#

183 6.1 9.6 14.4#





#78

Pyrene

Concen: 6.520 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :

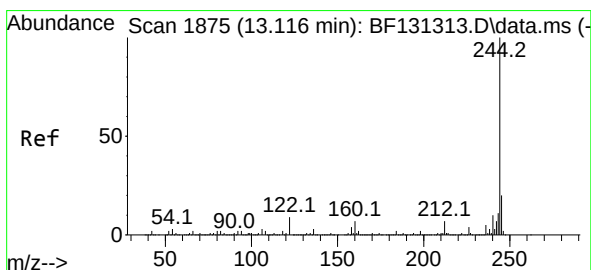
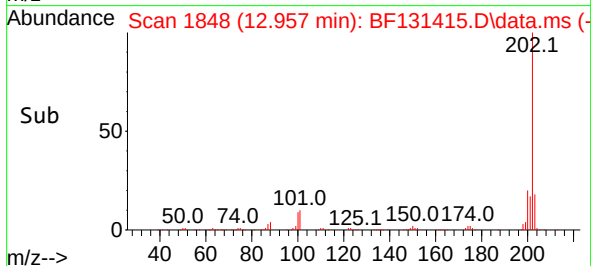
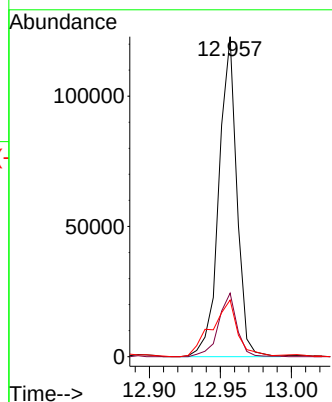
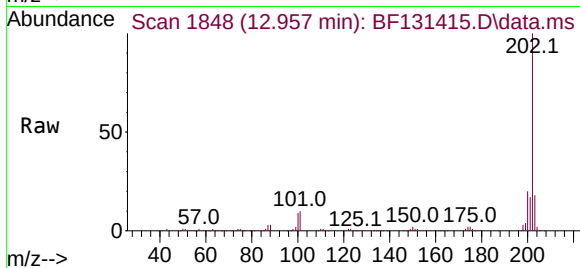
Tgt Ion:202 Resp: 107864

Ion Ratio Lower Upper

202 100

200 19.8 16.9 25.3

203 17.7 13.9 20.9



#79

Terphenyl-d14

Concen: 100.219 ng

RT: 13.104 min Scan# 1873

Delta R.T. -0.006 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

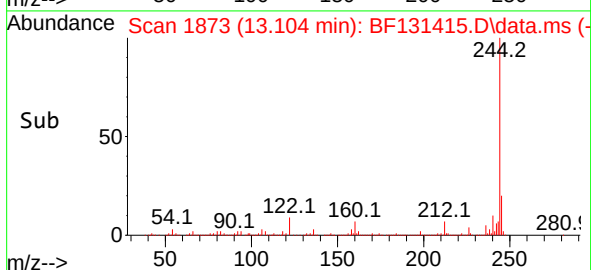
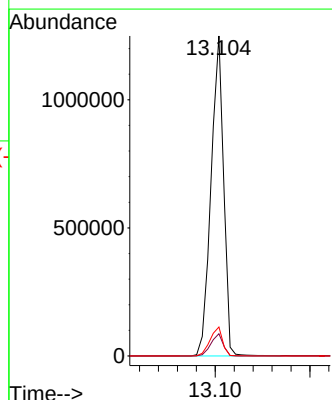
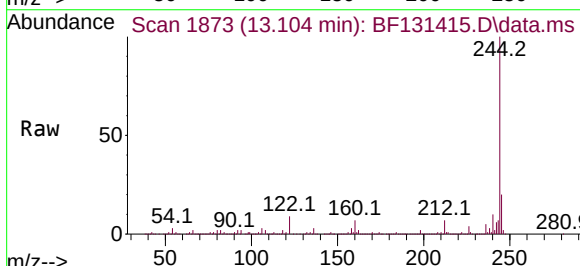
Tgt Ion:244 Resp: 1149148

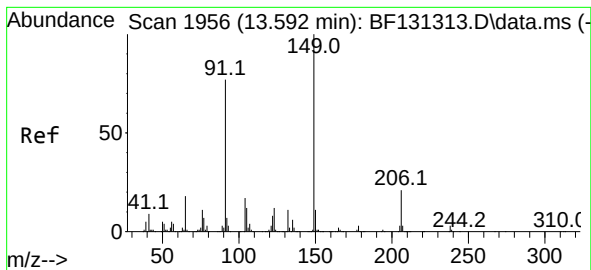
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.156 ng

RT: 13.574 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131415.D

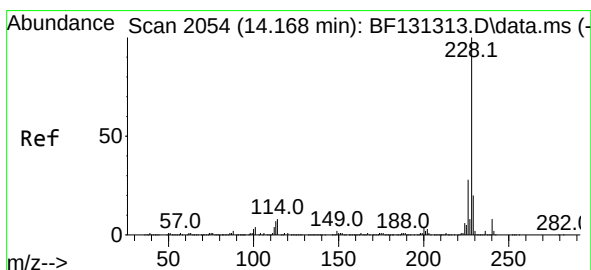
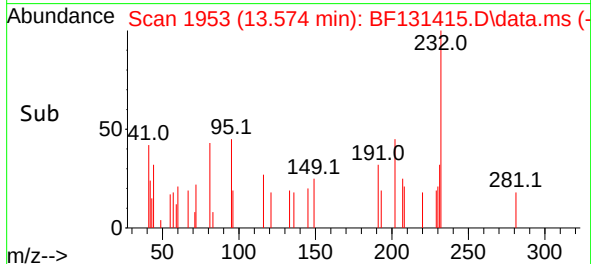
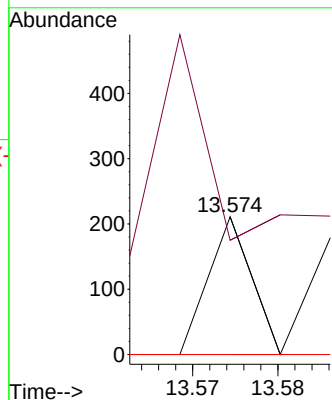
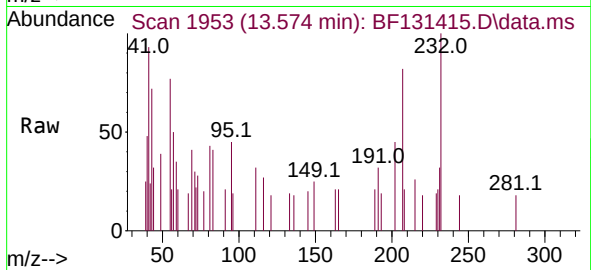
Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	74
Ion Ratio	Lower	Upper
149	100	
91	82.9	61.9 92.9
206	0.0	16.5 24.7#



#81

Benzo(a)anthracene

Concen: 4.166 ng

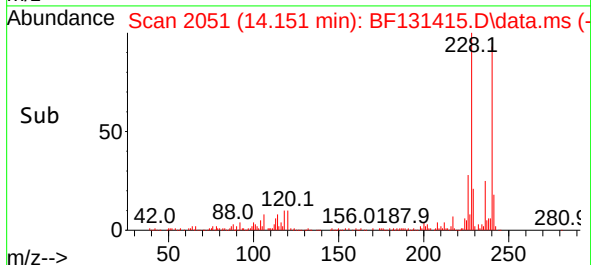
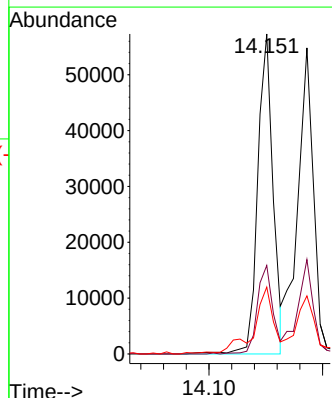
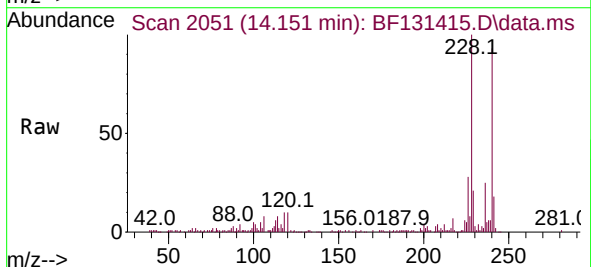
RT: 14.151 min Scan# 2051

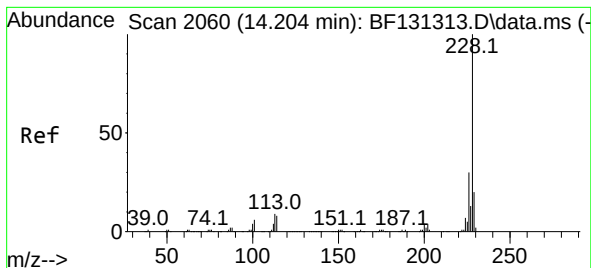
Delta R.T. -0.012 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Tgt Ion:228	Resp:	53540
Ion Ratio	Lower	Upper
228	100	
226	27.7	22.0 33.0
229	20.9	15.7 23.5





#83

Chrysene

Concen: 3.915 ng

RT: 14.186 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

Instrument :

BNA_F

ClientSampleId :

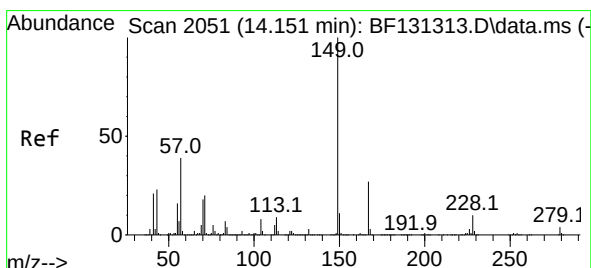
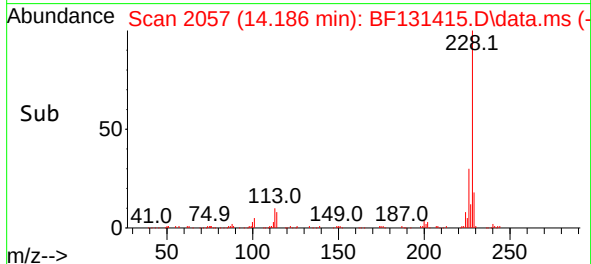
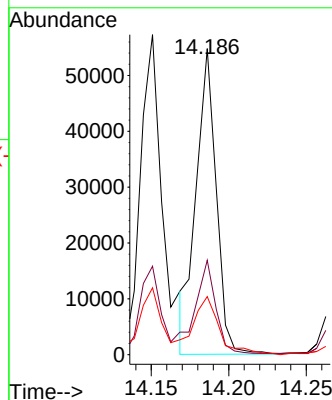
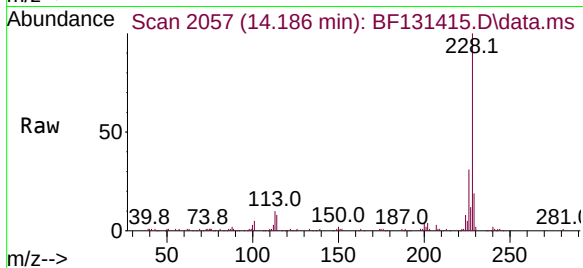
Tgt Ion:228 Resp: 49371

Ion Ratio Lower Upper

228 100

226 30.9 23.7 35.5

229 19.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.059 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.012 min

Lab File: BF131415.D

Acq: 26 Nov 2022 01:36

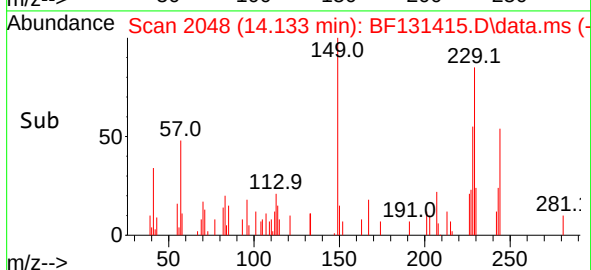
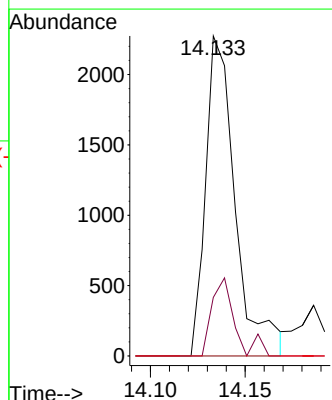
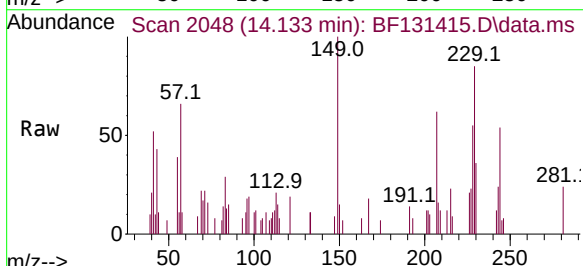
Tgt Ion:149 Resp: 2483

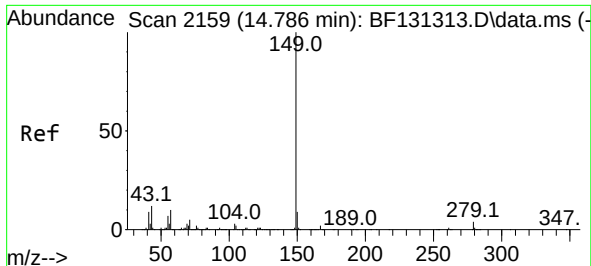
Ion Ratio Lower Upper

149 100

167 18.3 21.9 32.9#

279 0.0 3.0 4.4#

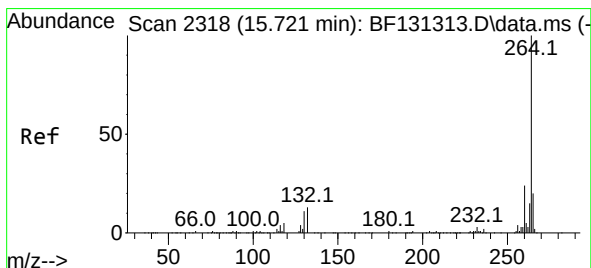
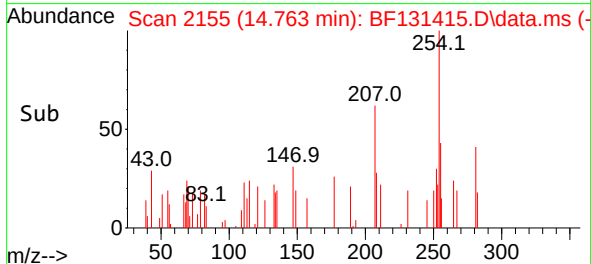
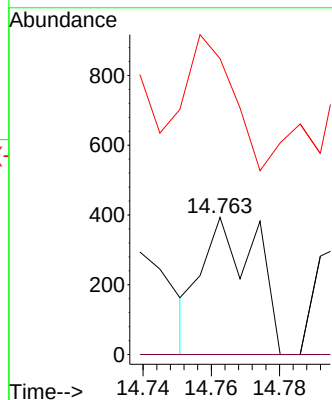
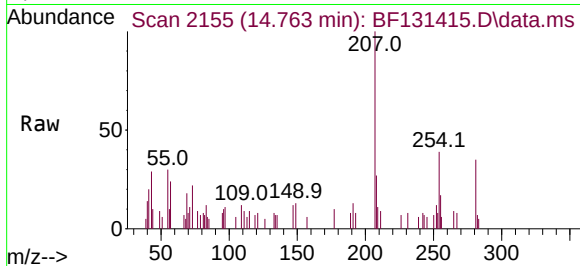




#85
Di-n-octyl phthalate
Concen: 3.948 ng
RT: 14.763 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

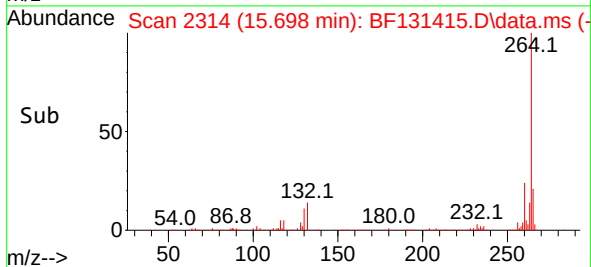
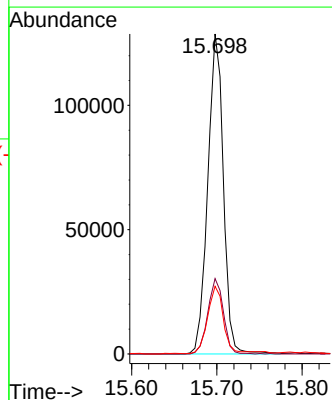
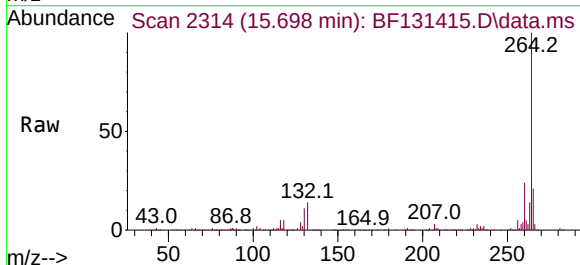
Instrument :
BNA_F
ClientSampleId :

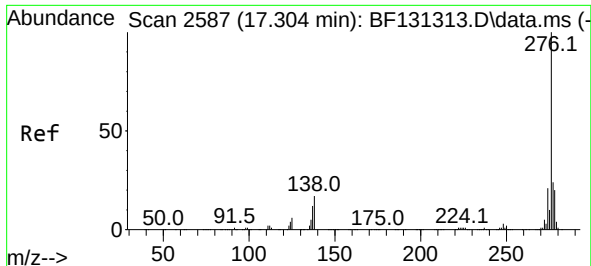
Tgt Ion:149 Resp: 430
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 87.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

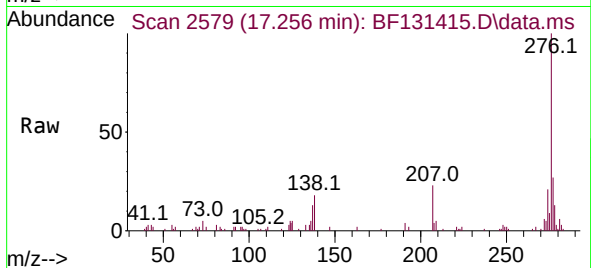
Tgt Ion:264 Resp: 164209
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.2 16.4 24.6



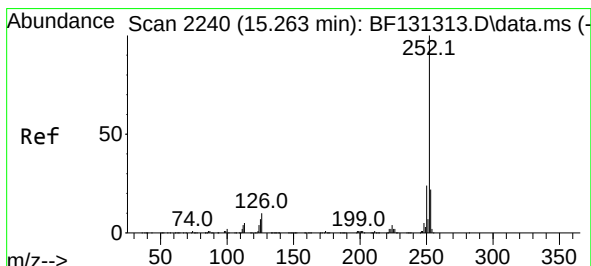
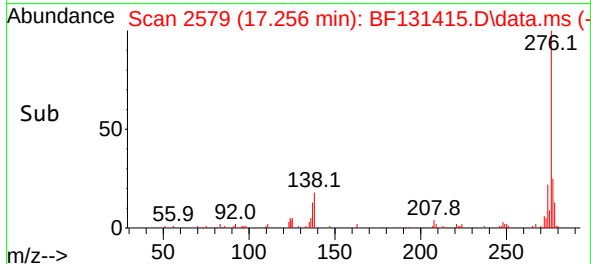
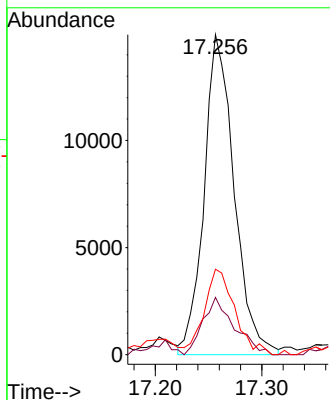


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.655 ng
RT: 17.256 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Instrument :
BNA_F
ClientSampleId :

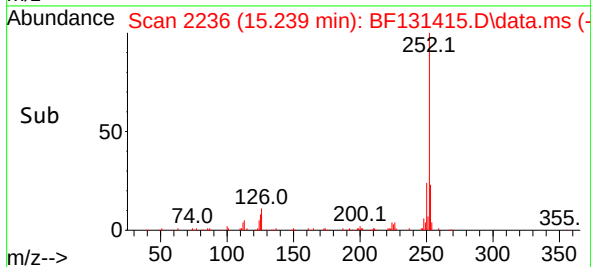
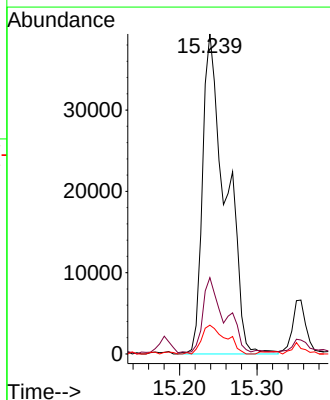
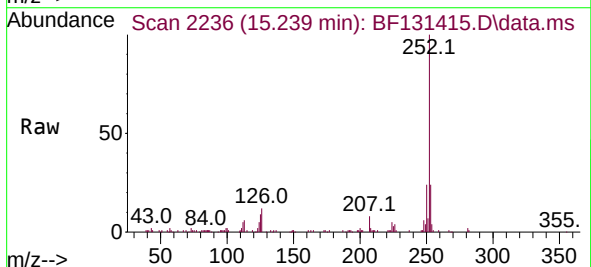


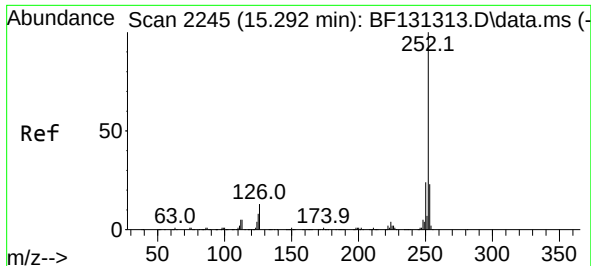
Tgt Ion:276 Resp: 29279
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.6
277 27.0 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 7.530 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.018 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

Tgt Ion:252 Resp: 82144
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 9.0 5.8 8.6#

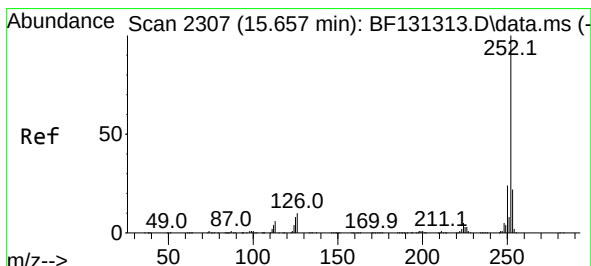
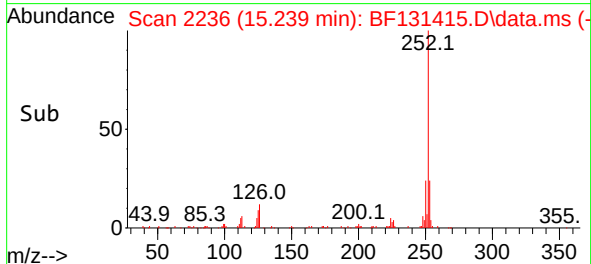
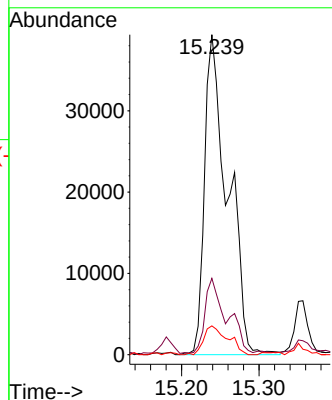
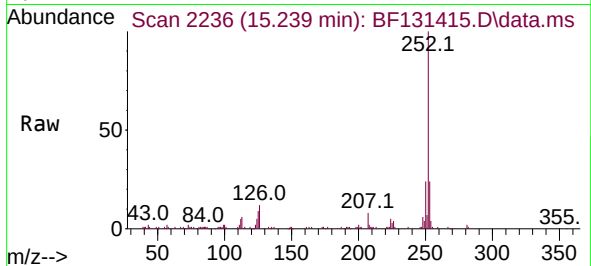




#89
Benzo(k)fluoranthene
Concen: 7.327 ng
RT: 15.239 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

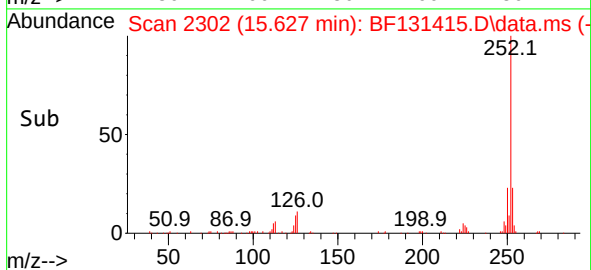
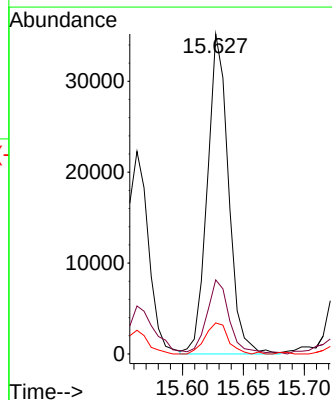
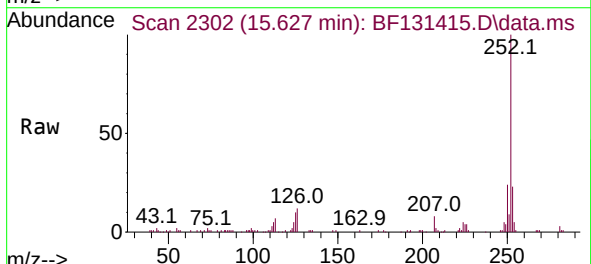
Instrument :
BNA_F
ClientSampleId :

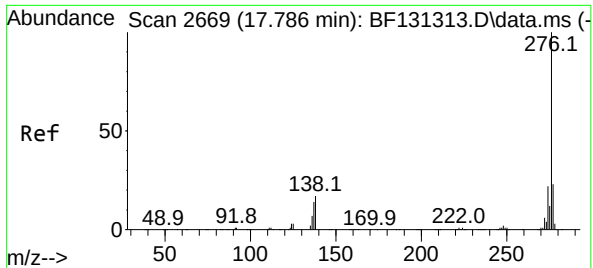
Tgt Ion:252 Resp: 82144
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 9.0 6.6 10.0



#90
Benzo(a)pyrene
Concen: 4.776 ng
RT: 15.627 min Scan# 2302
Delta R.T. -0.018 min
Lab File: BF131415.D
Acq: 26 Nov 2022 01:36

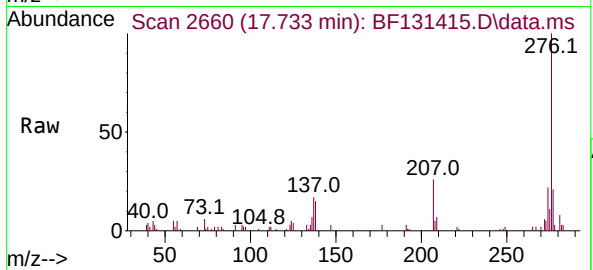
Tgt Ion:252 Resp: 42752
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.7 6.1 9.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.015 ng
 RT: 17.733 min Scan# 20
 Delta R.T. -0.041 min
 Lab File: BF131415.D
 Acq: 26 Nov 2022 01:36

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	276	Resp:	27396
Ion Ratio	Lower	Upper	
276	100		
277	20.8	18.3	27.5
138	15.4	13.8	20.6

