

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128845.D
 Acq On : 16 Jun 2022 18:01
 Operator : CG\JU
 Sample : N3364-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522

Quant Time: Jun 17 02:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

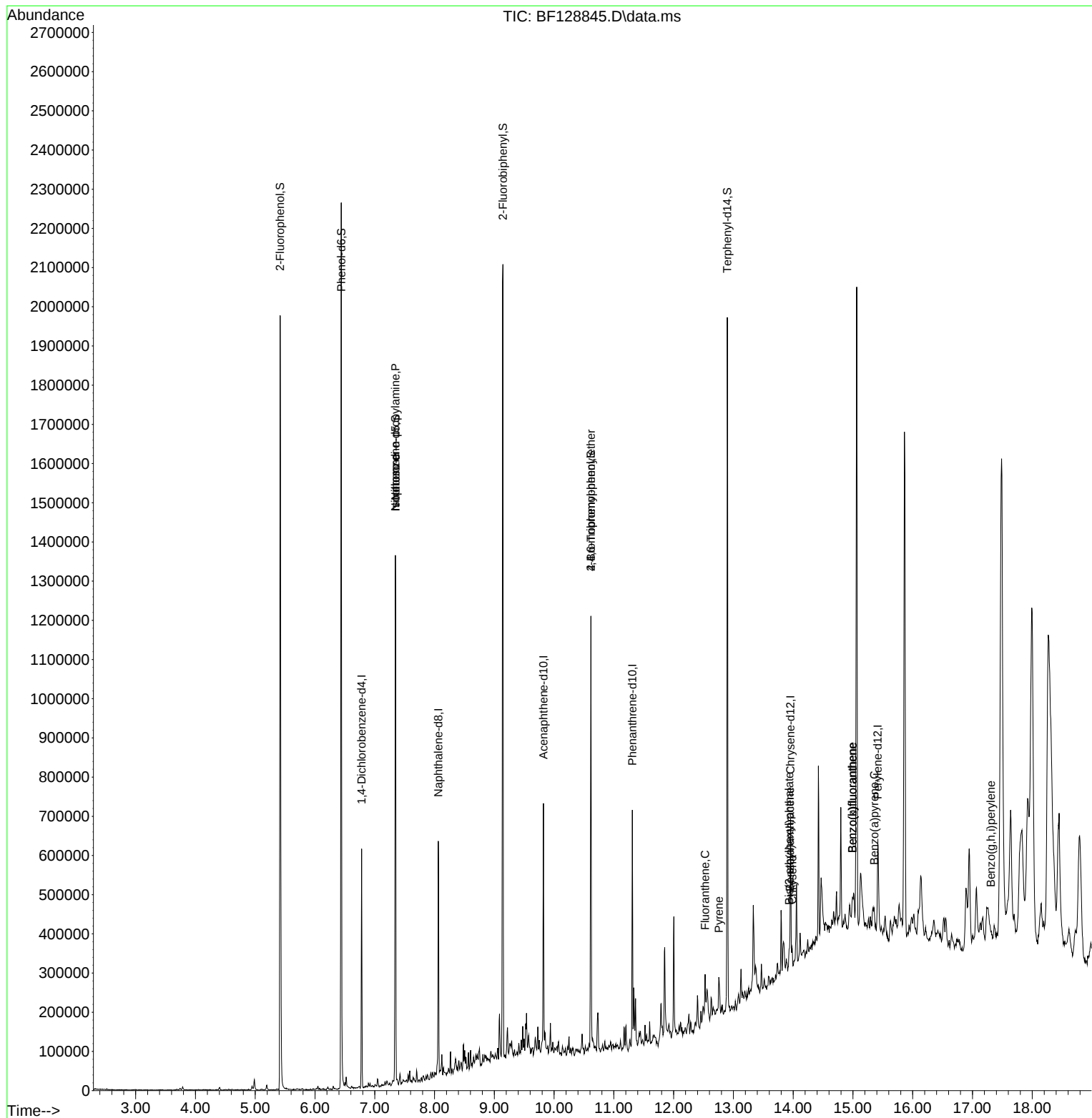
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74560	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	225825	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108874	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	190556	20.000	ng	0.00
76) Chrysene-d12	13.957	240	117033	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	86230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	486315	103.892	ng	0.00
7) Phenol-d6	6.440	99	612798	107.246	ng	0.00
23) Nitrobenzene-d5	7.345	82	423866	87.389	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	123602	96.084	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	623258	80.190	ng	0.00
79) Terphenyl-d14	12.898	244	578994	85.966	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	59668	16.795	ng	# 78
25) Isophorone	7.345	82	423194	57.448	ng	# 66
67) 4-Bromophenyl-phenylether	10.616	248	7917	3.726	ng	# 1
75) Fluoranthene	12.527	202	45137	4.518	ng	95
78) Pyrene	12.757	202	35147	4.037	ng	95
81) Benzo(a)anthracene	13.945	228	17544	2.405	ng	# 84
83) Chrysene	13.986	228	23978	3.448	ng	# 95
84) Bis(2-ethylhexyl)phtha...	13.933	149	13387	2.816	ng	# 89
88) Benzo(b)fluoranthene	14.992	252	31767	5.765	ng	# 83
89) Benzo(k)fluoranthene	14.992	252	31767	6.129	ng	# 84
90) Benzo(a)pyrene	15.357	252	12316	2.844	ng	# 72
92) Benzo(g,h,i)perylene	17.309	276	9560	2.237	ng	# 71

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

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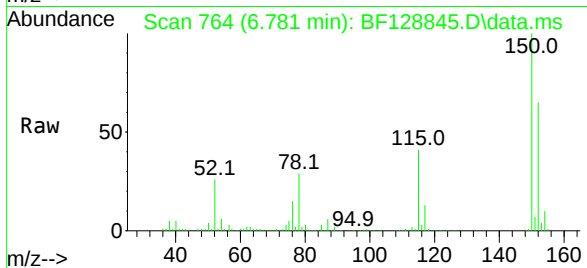
Quant Time: Jun 17 02:23:40 2022
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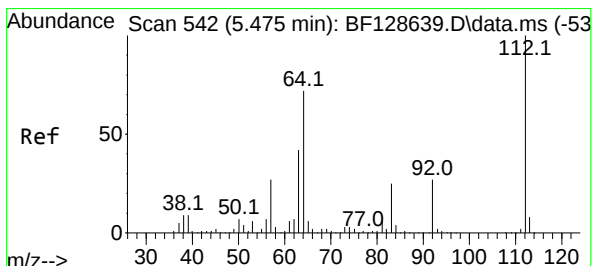
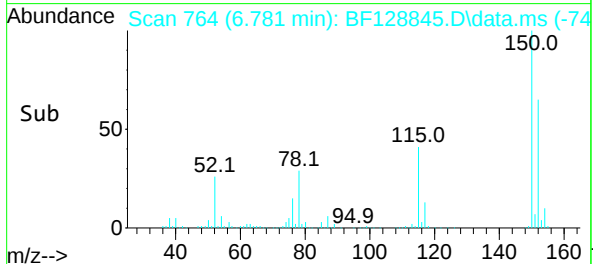
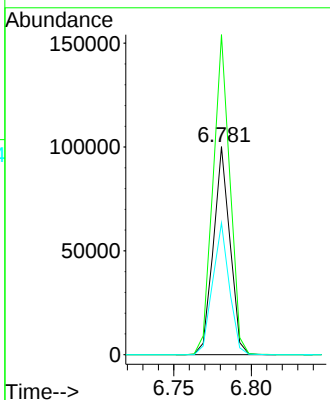


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Instrument :
BNA_F
ClientSampleId :
OK-02-061522

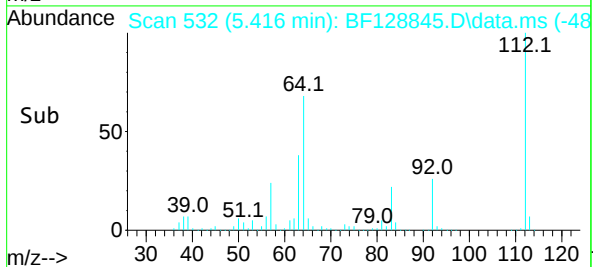
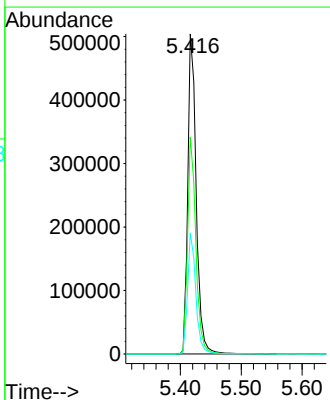
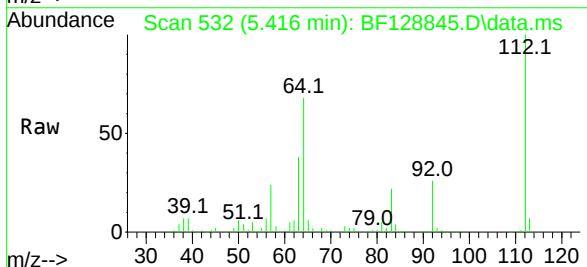


Tgt Ion:152 Resp: 74560
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 103.892 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:112 Resp: 486315
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 37.9 28.0 42.0

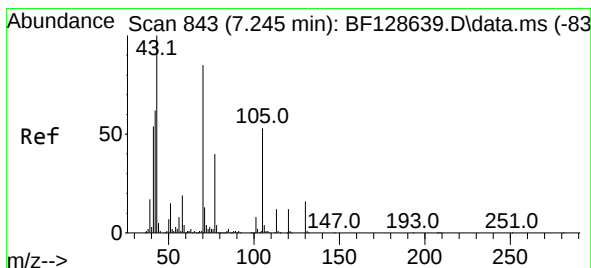
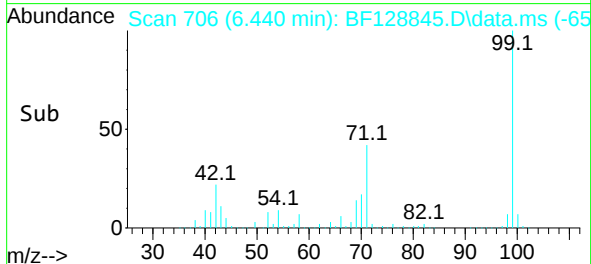
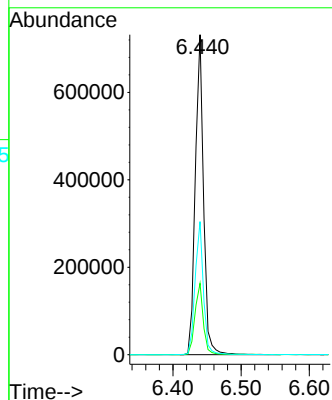
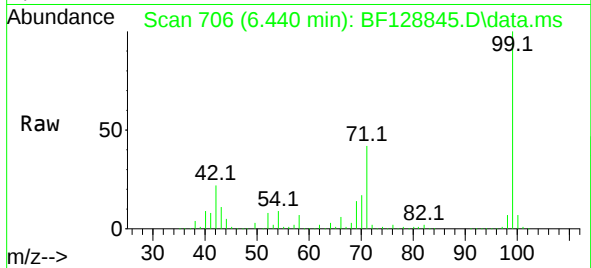




#7
Phenol-d6
Concen: 107.246 ng
RT: 6.440 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

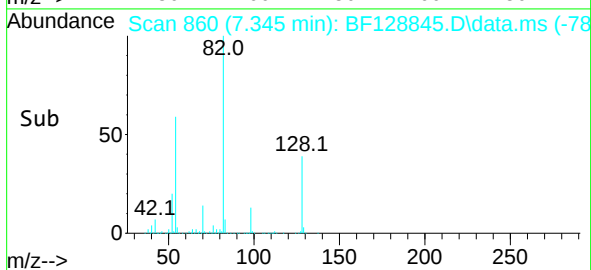
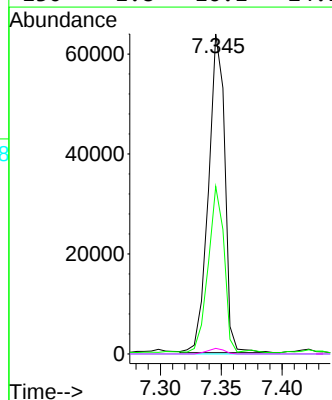
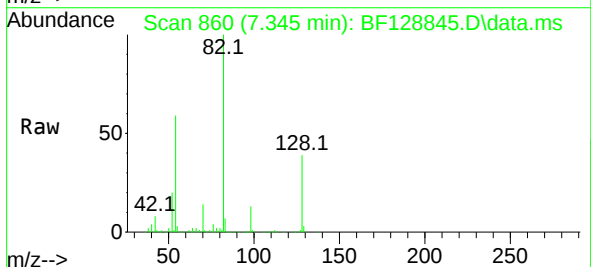
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

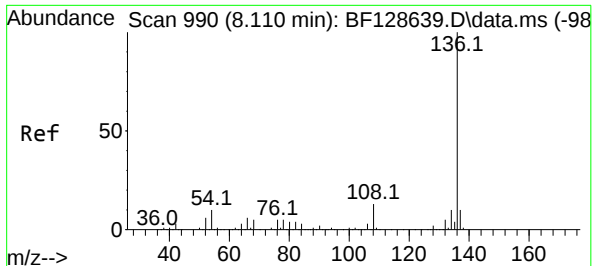
Tgt Ion: 99 Resp: 612798
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 41.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.795 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion: 70 Resp: 59668
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

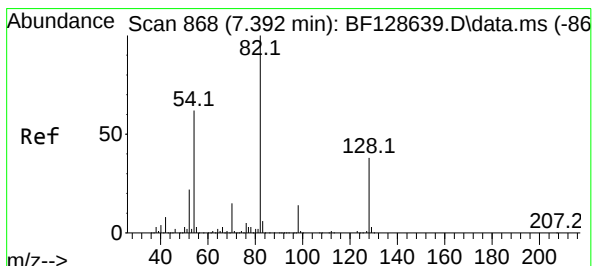
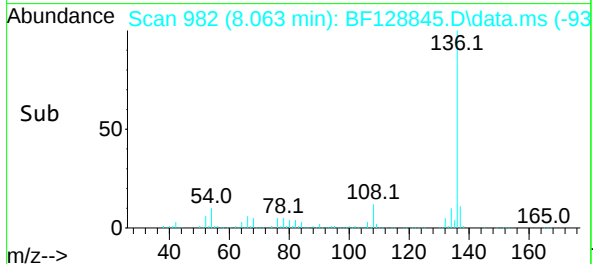
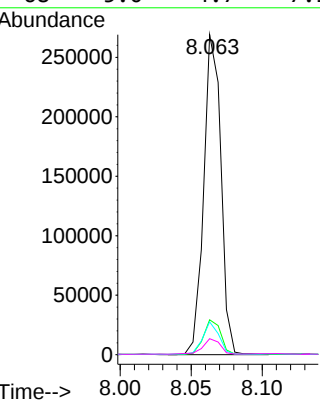
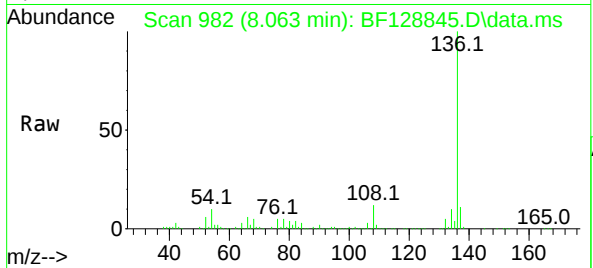




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

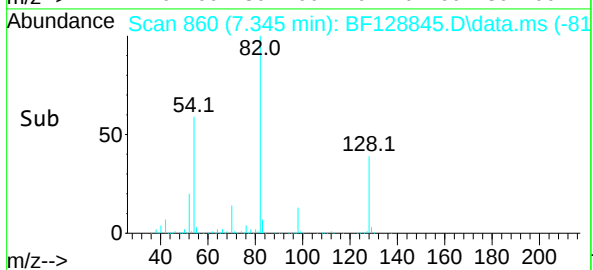
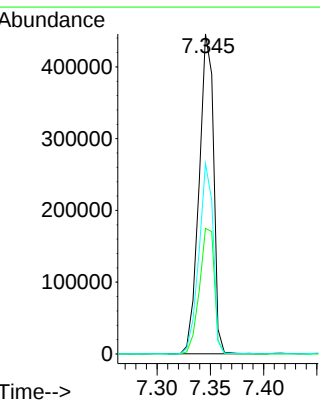
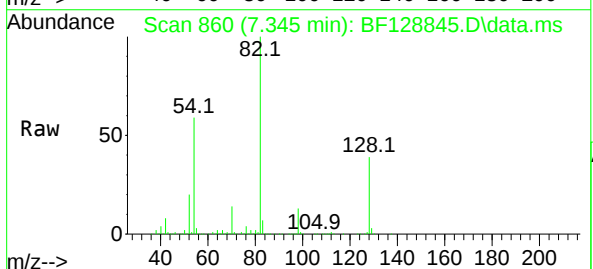
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BNA_F
ClientSampleId :
OK-02-061522

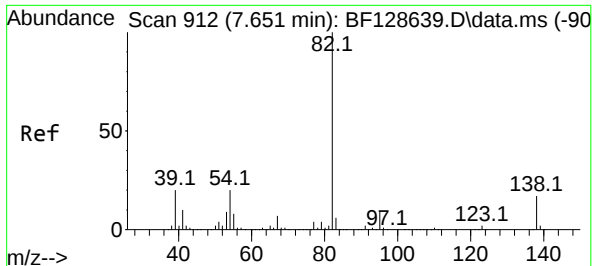
Tgt Ion:136 Resp: 225825
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.2 7.5 11.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.389 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion: 82 Resp: 423866
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 59.5 46.9 70.3

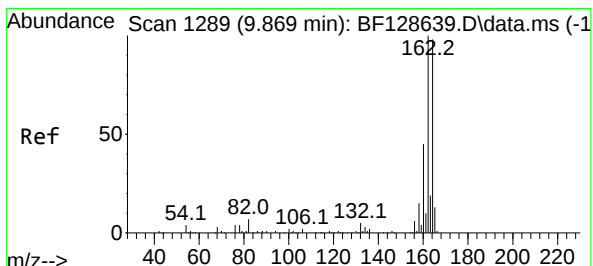
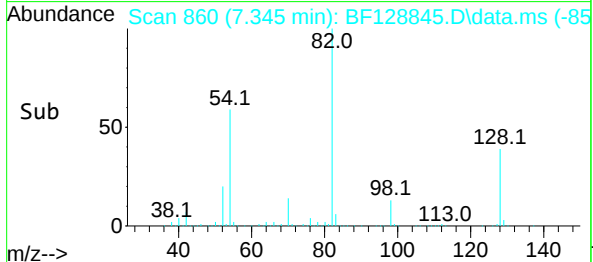
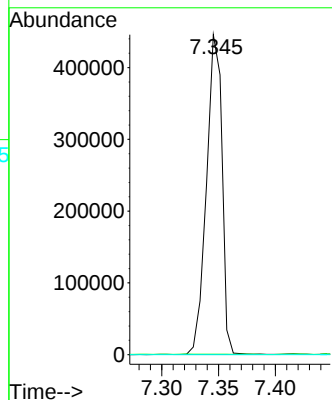
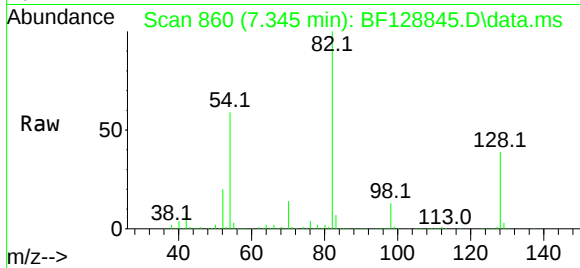




#25
Isophorone
Concen: 57.448 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

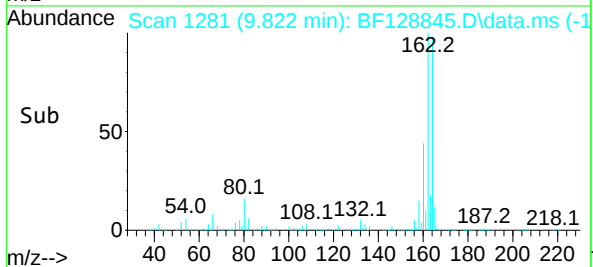
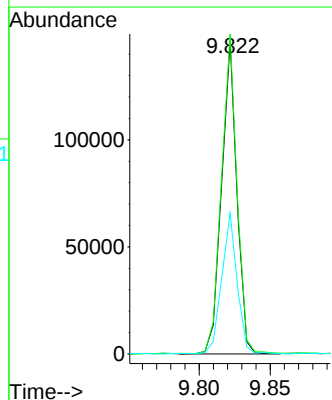
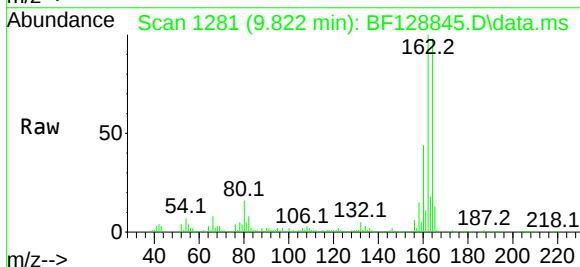
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

Tgt Ion: 82 Resp: 423194
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:164 Resp: 108874
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.084 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128845.D

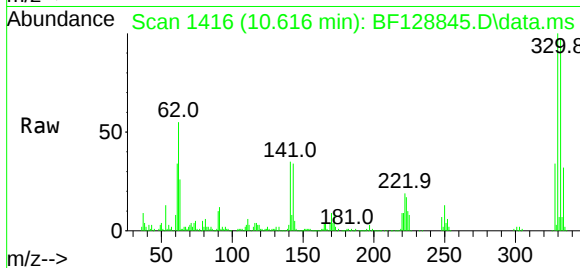
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Instrument :

BNA_F

ClientSampleId :

OK-02-061522



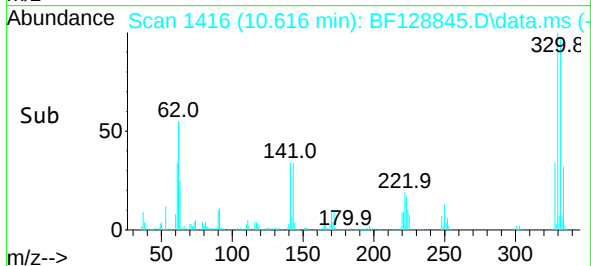
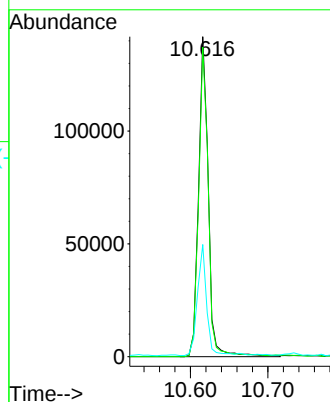
Tgt Ion:330 Resp: 123602

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 32.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.190 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

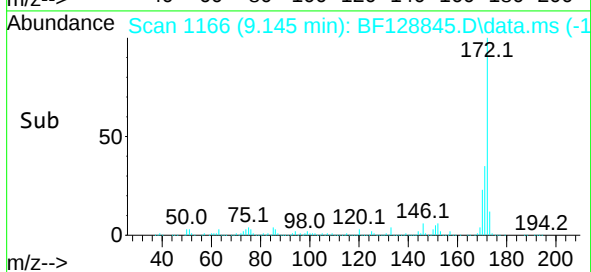
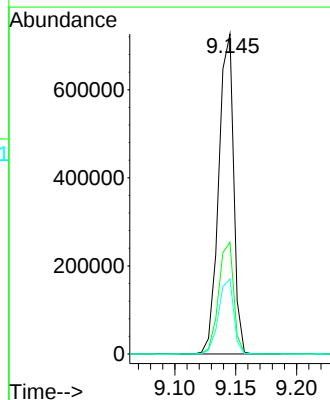
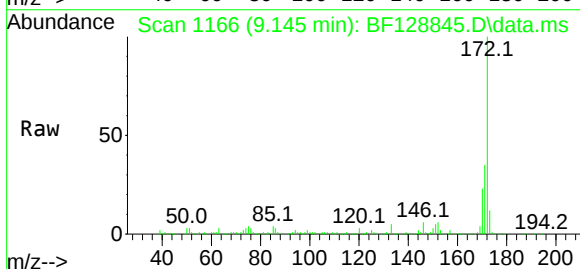
Tgt Ion:172 Resp: 623258

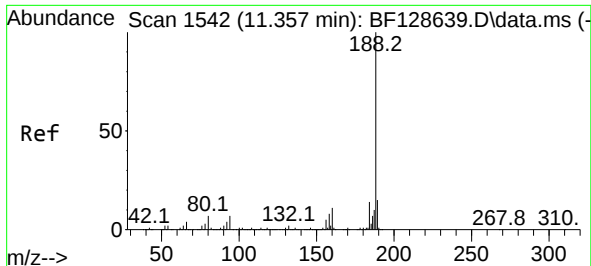
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.4 19.8 29.8

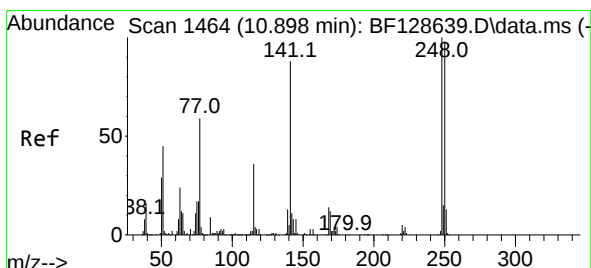
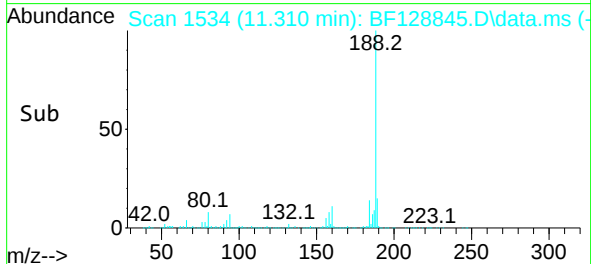
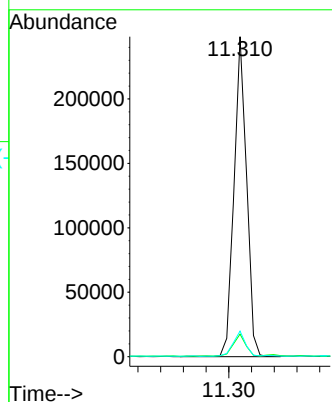
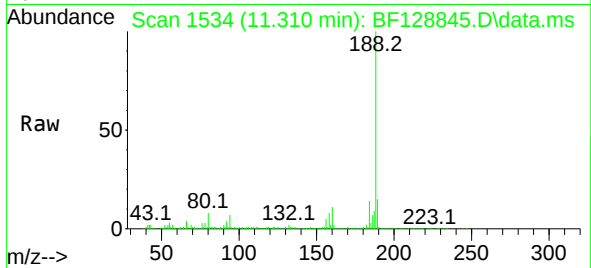




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

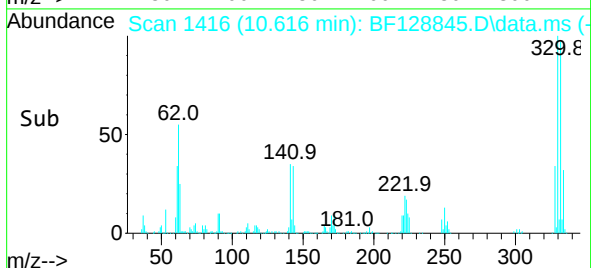
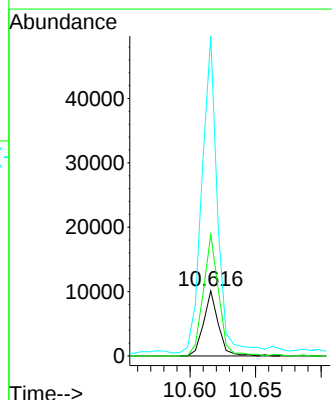
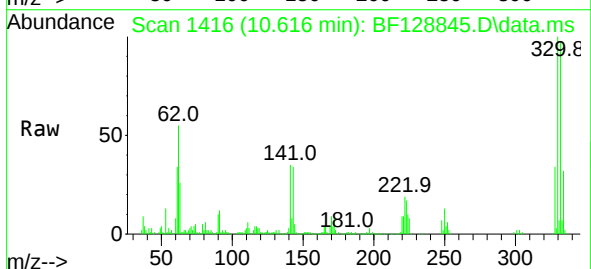
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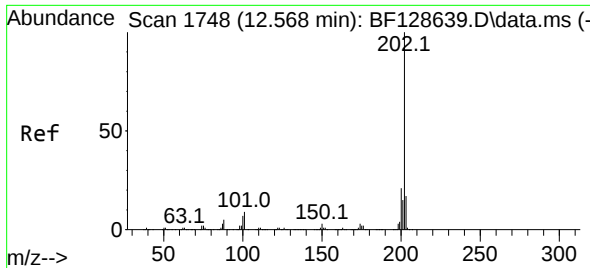
Tgt Ion:188 Resp: 190556
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:248 Resp: 7917
Ion Ratio Lower Upper
248 100
250 186.3 80.6 120.8#
141 491.3 58.9 88.3#

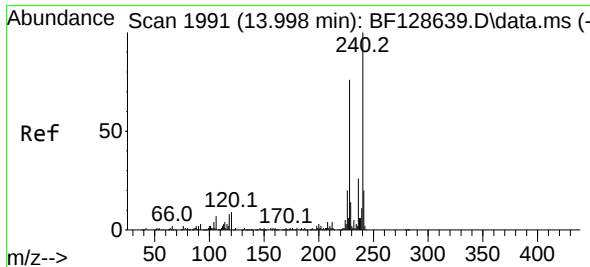
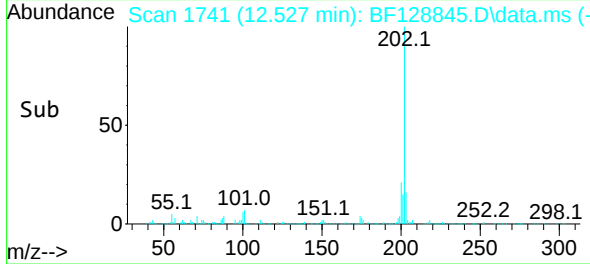
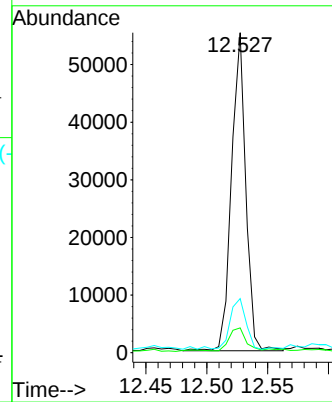
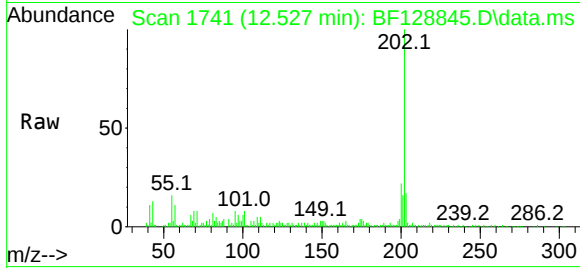




#75
Fluoranthene
Concen: 4.518 ng
RT: 12.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

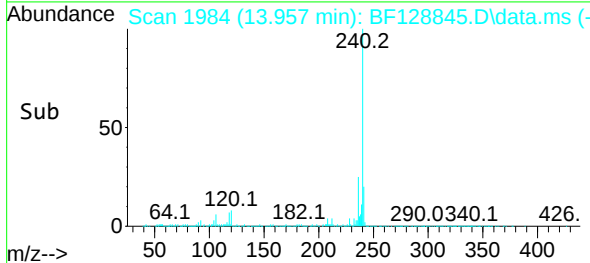
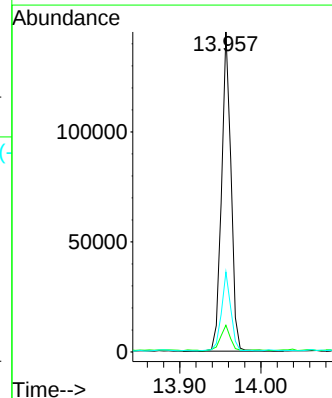
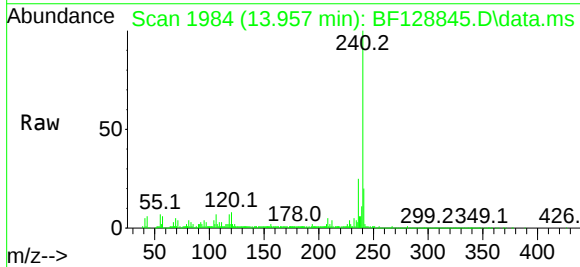
Instrument :
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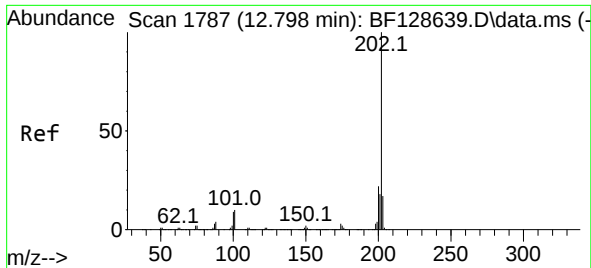
Tgt Ion:202 Resp: 45137
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.4
203 16.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:240 Resp: 117033
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.0 20.8 31.2

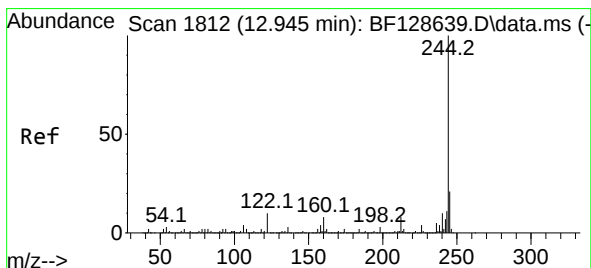
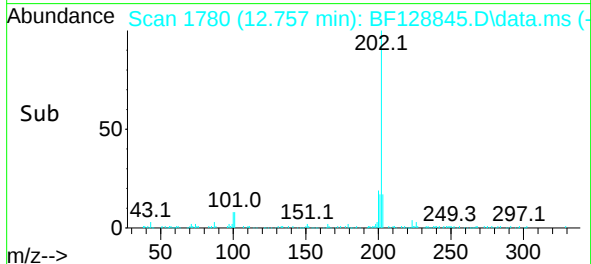
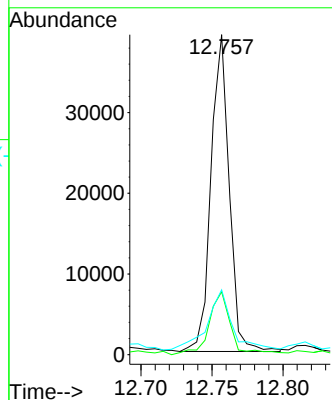
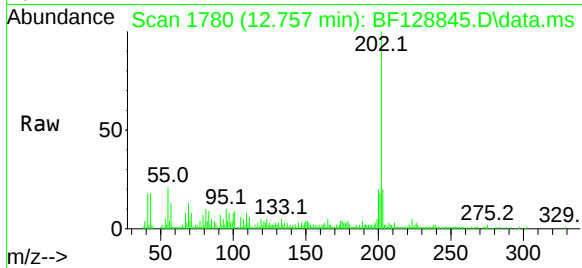




#78
 Pyrene
 Concen: 4.037 ng
 RT: 12.757 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128845.D
 Acq: 16 Jun 2022 18:01

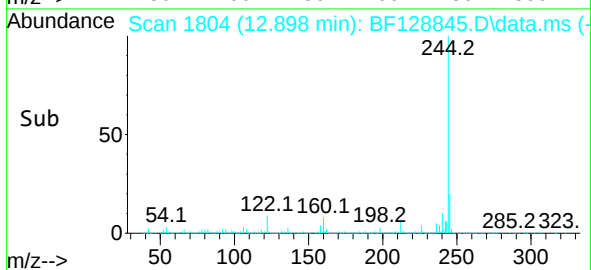
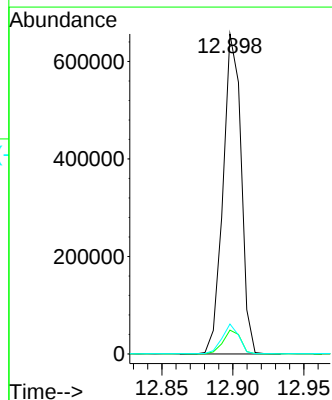
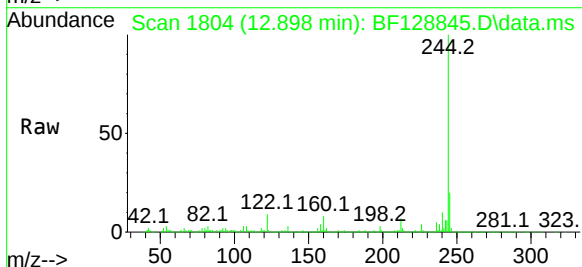
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522

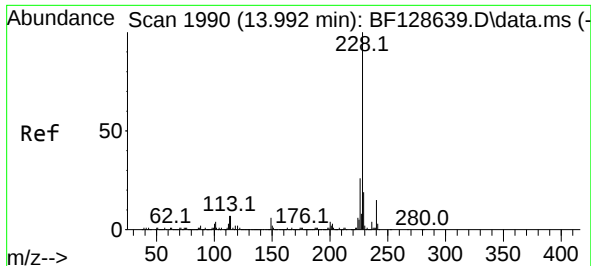
Tgt Ion:	202	Resp:	35147
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.7	26.5
203	20.2	14.6	21.8



#79
 Terphenyl-d14
 Concen: 85.966 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128845.D
 Acq: 16 Jun 2022 18:01

Tgt Ion:	244	Resp:	578994
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	9.3	8.8	13.2

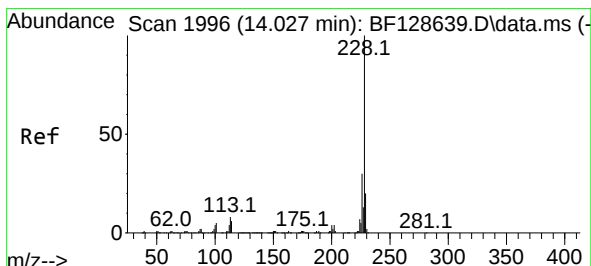
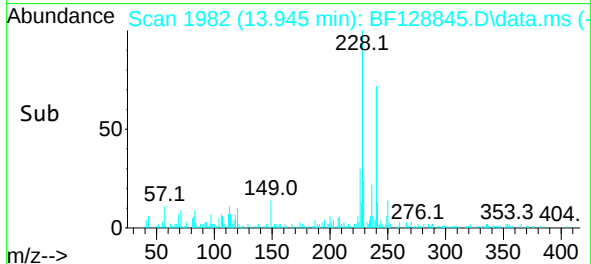
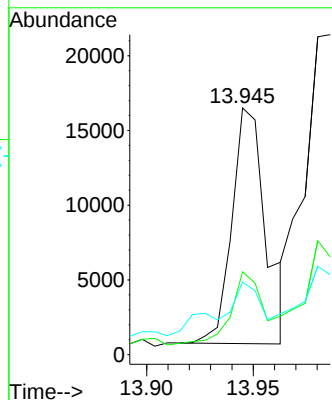
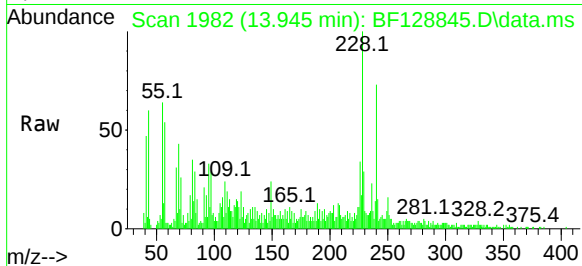




#81
Benzo(a)anthracene
Concen: 2.405 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

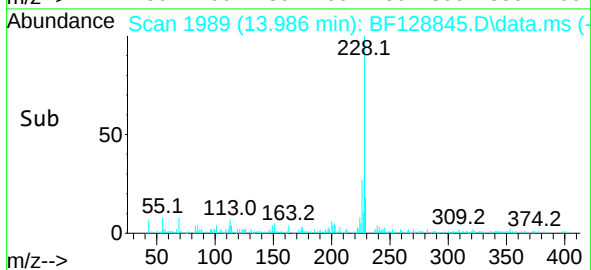
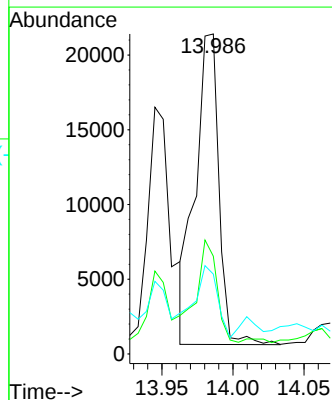
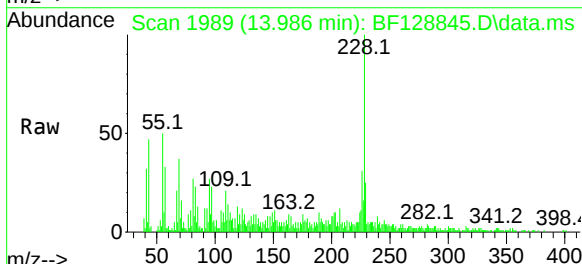
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

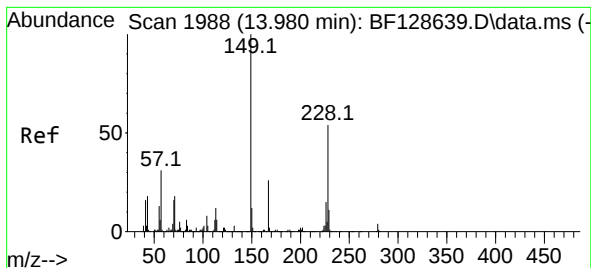
Tgt Ion:228 Resp: 17544
Ion Ratio Lower Upper
228 100
226 33.6 22.1 33.1#
229 29.5 15.8 23.8#



#83
Chrysene
Concen: 3.448 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:228 Resp: 23978
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 25.0 15.9 23.9#

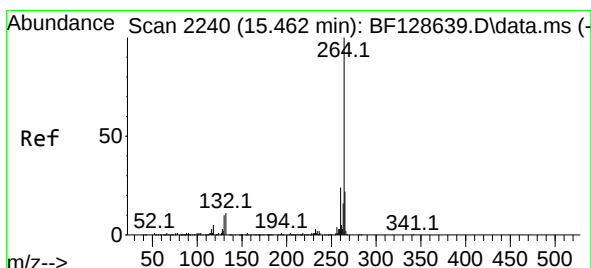
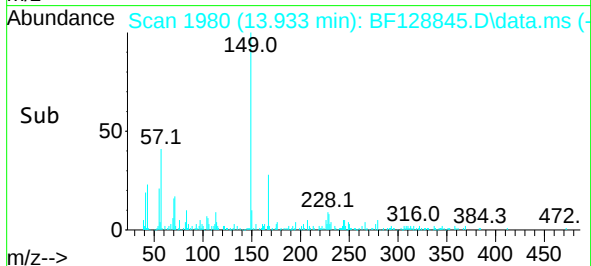
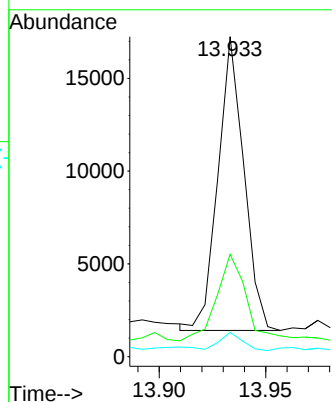
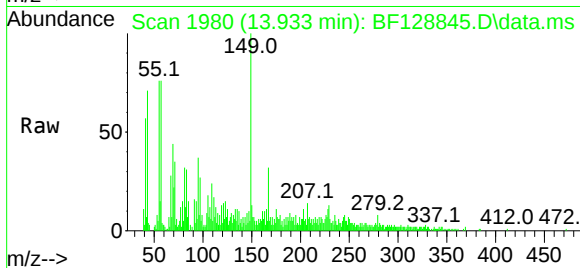




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.816 ng
 RT: 13.933 min Scan# 1988
 Delta R.T. -0.006 min
 Lab File: BF128845.D
 Acq: 16 Jun 2022 18:01

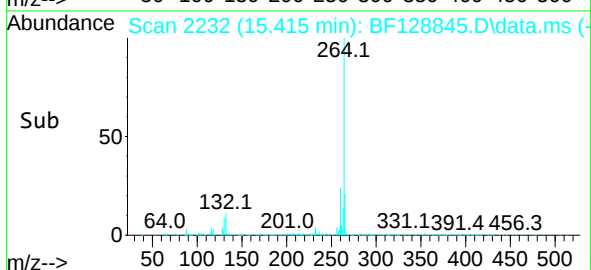
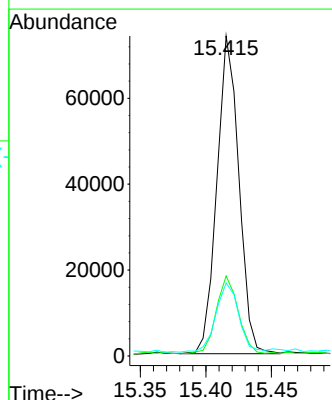
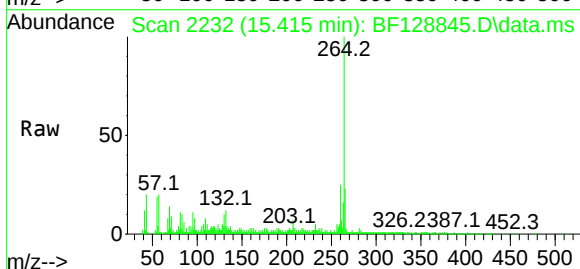
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522

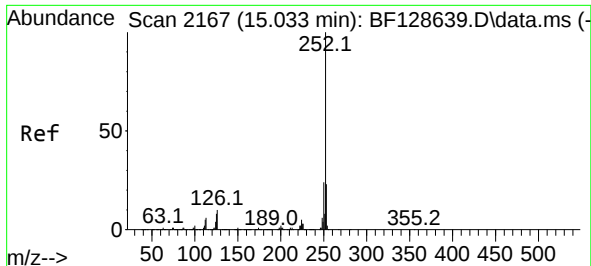
Tgt Ion:149 Resp: 13387
 Ion Ratio Lower Upper
 149 100
 167 32.0 21.0 31.4#
 279 7.6 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: BF128845.D
 Acq: 16 Jun 2022 18:01

Tgt Ion:264 Resp: 86230
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 22.8 17.2 25.8

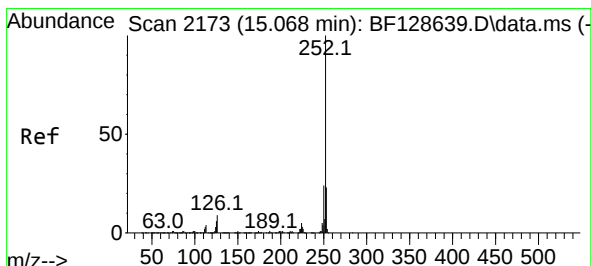
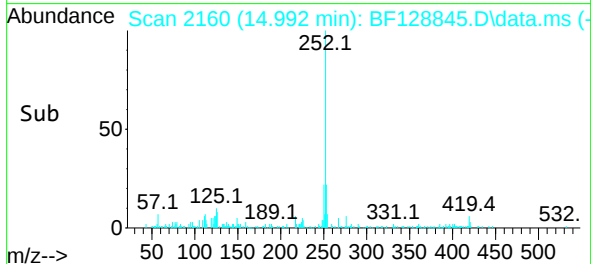
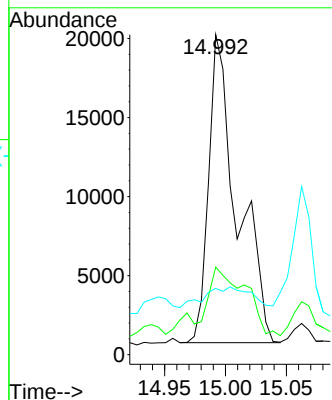
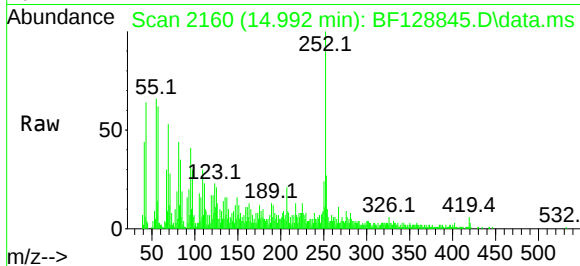




#88
Benzo(b)fluoranthene
Concen: 5.765 ng
RT: 14.992 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

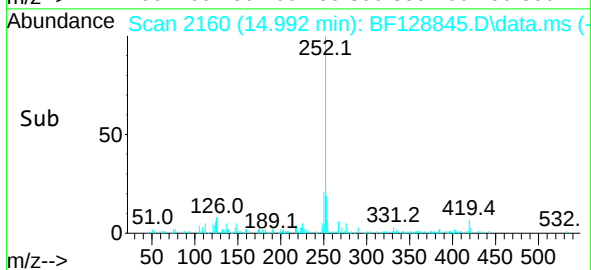
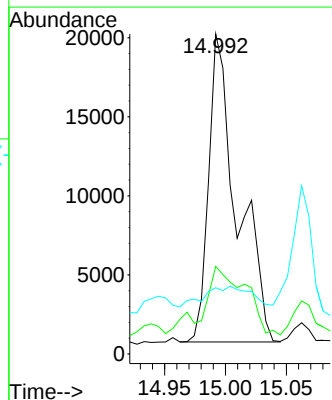
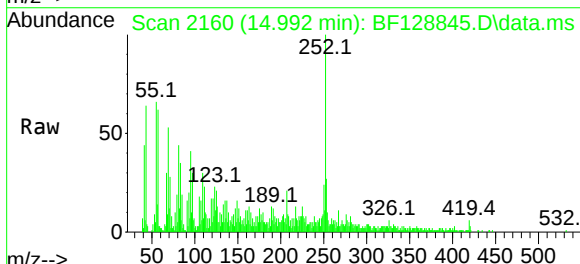
Instrument :
BNA_F
ClientSampleId :
OK-02-061522

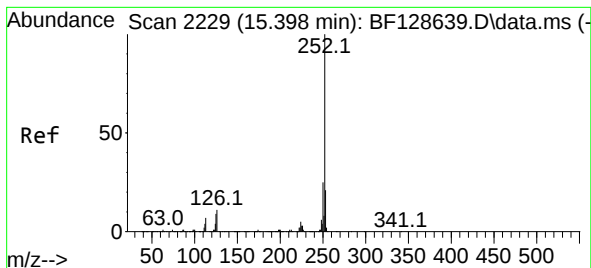
Tgt Ion:252 Resp: 31767
Ion Ratio Lower Upper
252 100
253 27.4 17.7 26.5#
125 20.7 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 6.129 ng
RT: 14.992 min Scan# 2160
Delta R.T. -0.035 min
Lab File: BF128845.D
Acq: 16 Jun 2022 18:01

Tgt Ion:252 Resp: 31767
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.6#
125 20.7 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.844 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

Instrument :

BNA_F

ClientSampleId :

OK-02-061522

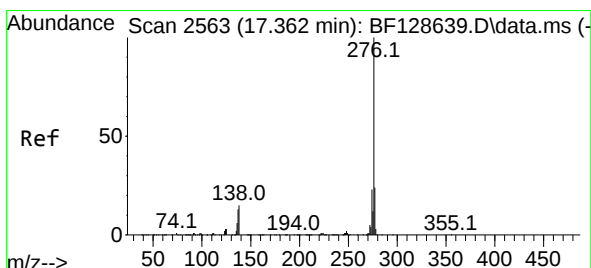
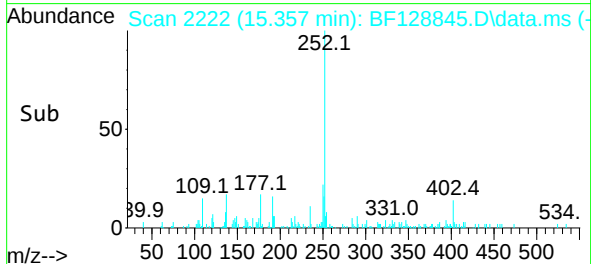
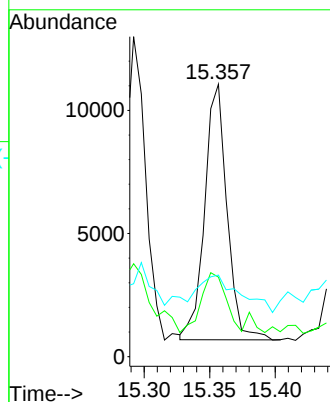
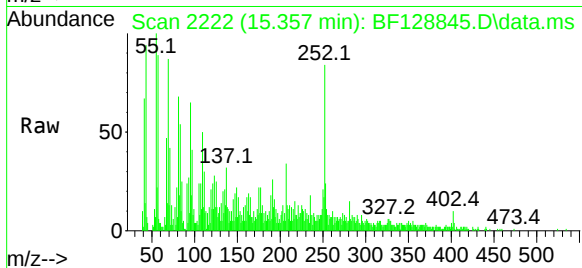
Tgt Ion:252 Resp: 12316

Ion Ratio Lower Upper

252 100

253 29.2 17.0 25.6#

125 29.9 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.237 ng

RT: 17.309 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BF128845.D

Acq: 16 Jun 2022 18:01

Tgt Ion:276 Resp: 9560

Ion Ratio Lower Upper

276 100

277 40.2 19.1 28.7#

138 33.9 18.0 27.0#

