

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128861.D
 Acq On : 17 Jun 2022 18:40
 Operator : CG\JU
 Sample : N3364-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-061522RE

Quant Time: Jun 18 05:07:19 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)

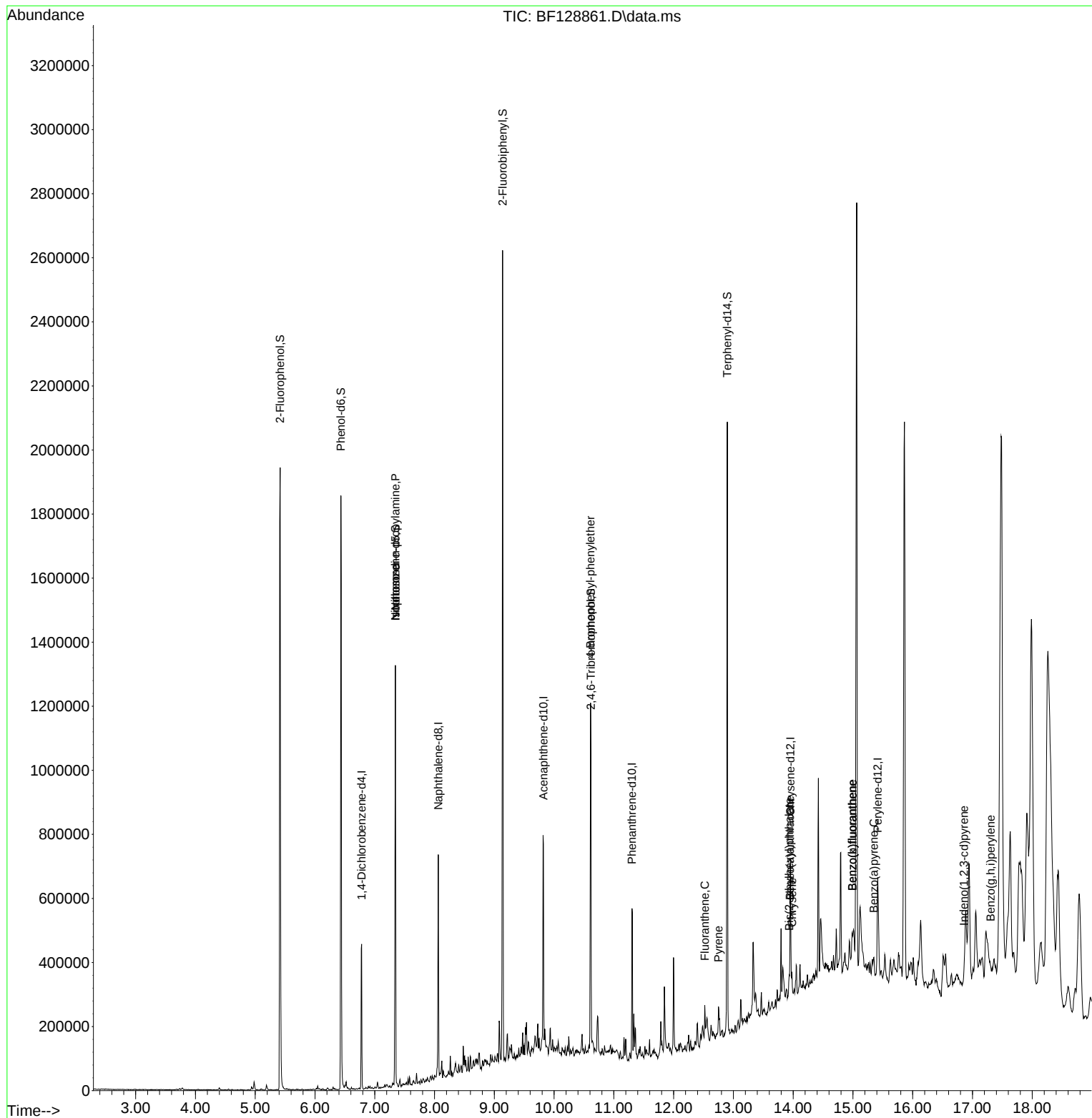
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63152	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	247314	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	135700	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	176017	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	149398	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	106995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	494350	124.686	ng	0.00
7) Phenol-d6	6.434	99	562670	116.262	ng	0.00
23) Nitrobenzene-d5	7.345	82	369177	69.500	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	133638	83.349	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	695850	71.831	ng	0.00
79) Terphenyl-d14	12.898	244	597563	69.502	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	53461	17.766	ng	# 75
25) Isophorone	7.345	82	369169	45.760	ng	# 66
67) 4-Bromophenyl-phenylether	10.610	248	8235	4.195	ng	# 1
75) Fluoranthene	12.521	202	44256	4.796	ng	97
78) Pyrene	12.751	202	34822	3.133	ng	99
81) Benzo(a)anthracene	13.945	228	21624	2.322	ng	# 87
83) Chrysene	13.980	228	30809	3.470	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.933	149	15453	2.546	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.856	276	13196	2.046	ng	94
88) Benzo(b)fluoranthene	14.992	252	39816	5.824	ng	# 80
89) Benzo(k)fluoranthene	14.992	252	39816	6.191	ng	# 81
90) Benzo(a)pyrene	15.351	252	15389	2.864	ng	# 75
92) Benzo(g,h,i)perylene	17.303	276	14858	2.803	ng	# 85

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

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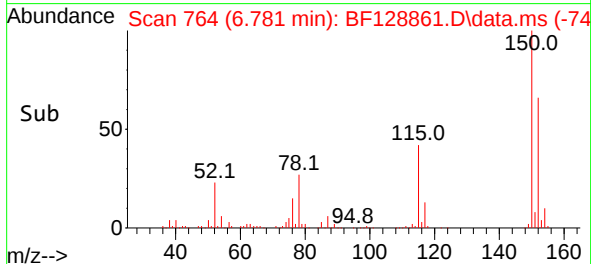
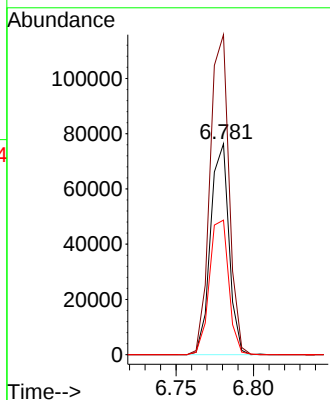
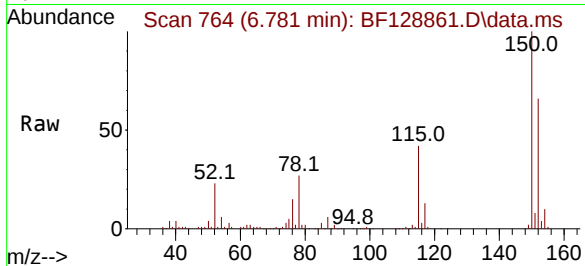




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

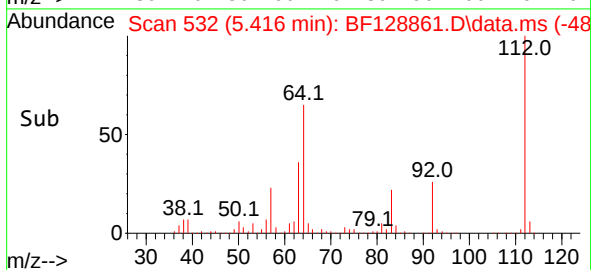
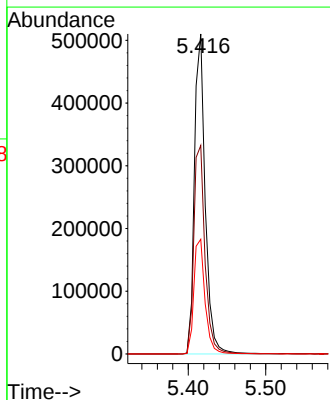
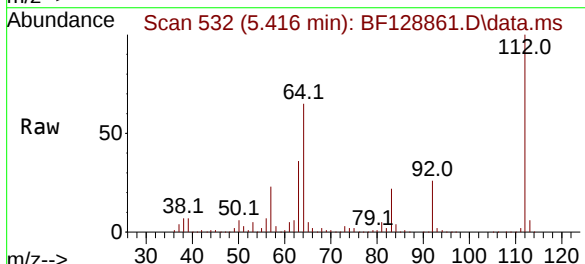
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

Tgt Ion:152 Resp: 63152
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 124.686 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:112 Resp: 494350
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.9 28.0 42.0

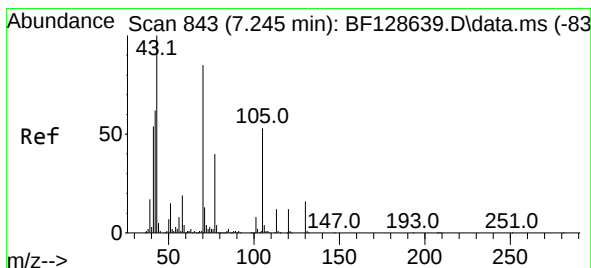
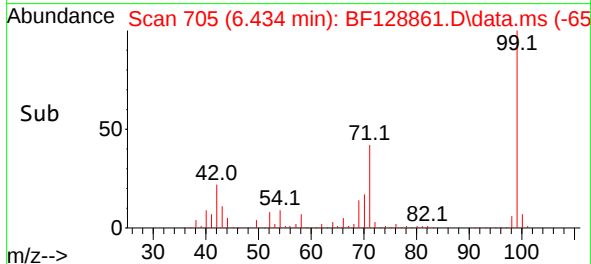
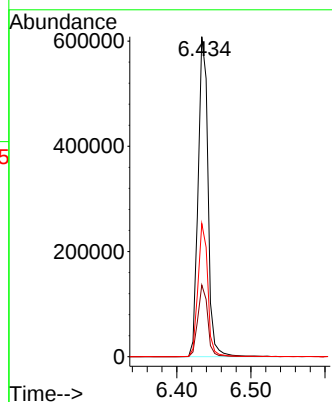
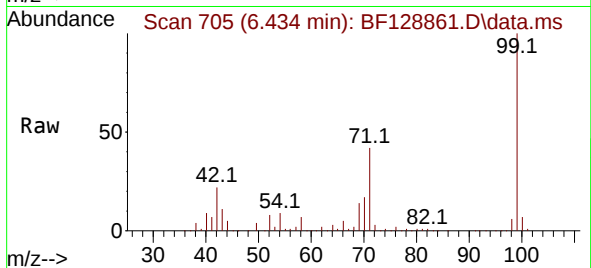




#7
Phenol-d6
Concen: 116.262 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

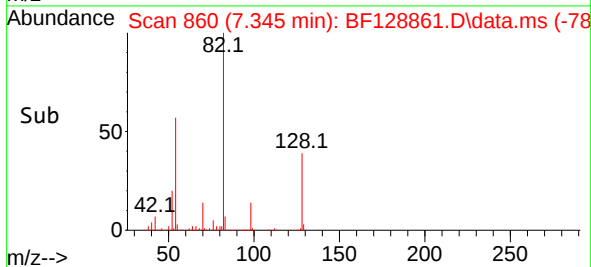
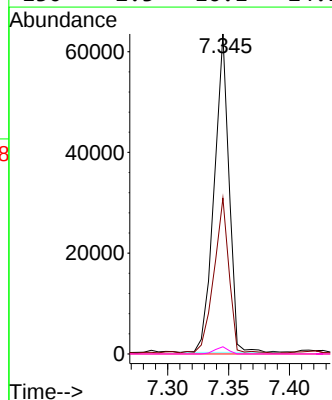
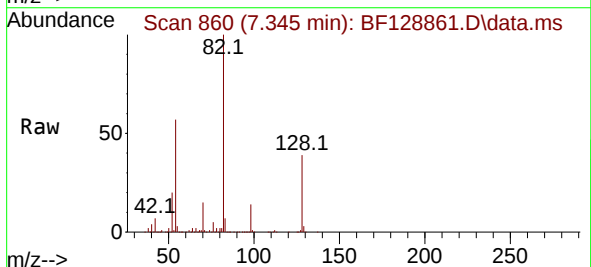
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

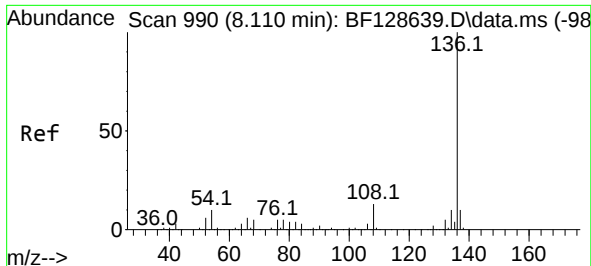
Tgt Ion: 99 Resp: 562670
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.766 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion: 70 Resp: 53461
Ion Ratio Lower Upper
70 100
42 48.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



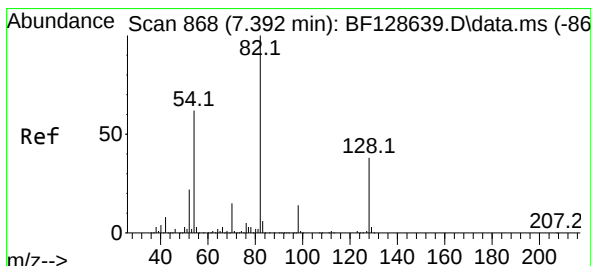
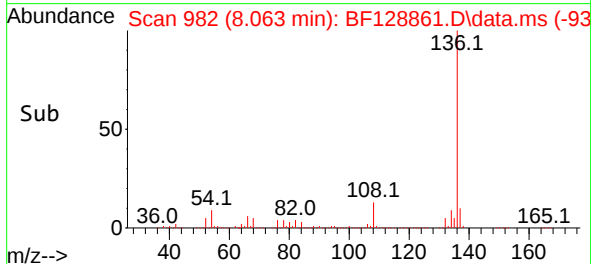
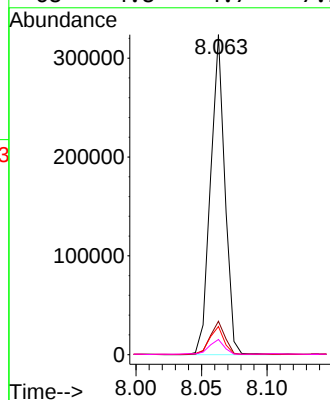
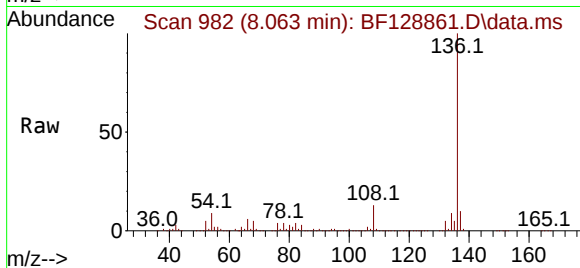


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

Tgt Ion:136 Resp: 247314

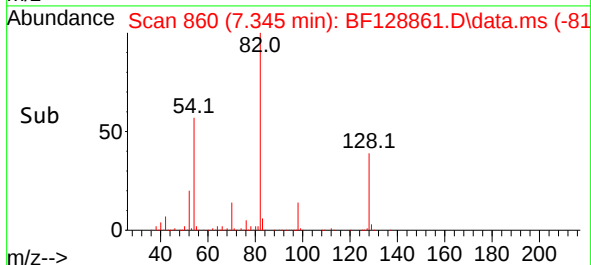
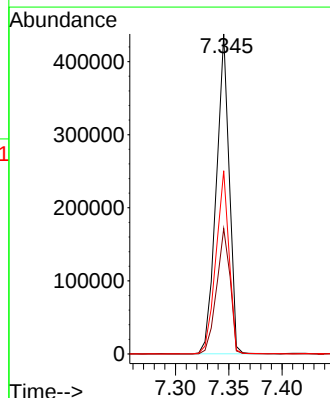
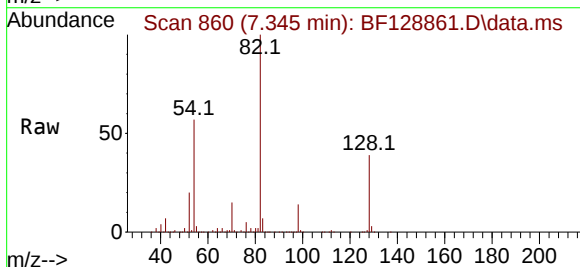
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.8	7.5	11.3
68	4.8	4.7	7.1

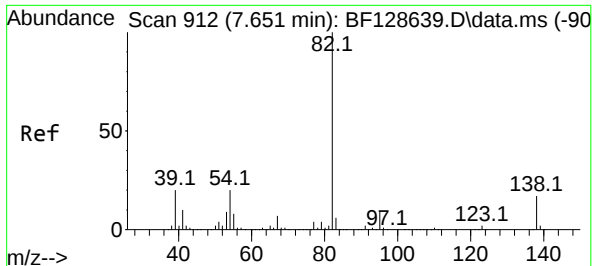


#23
Nitrobenzene-d5
Concen: 69.500 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion: 82 Resp: 369177

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	57.2	46.9	70.3

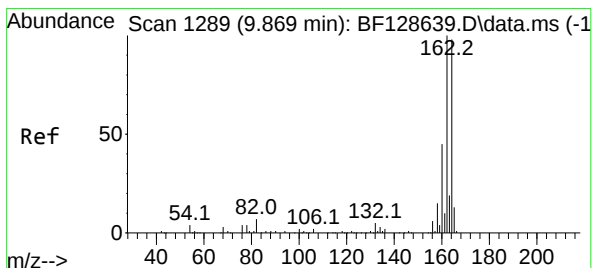
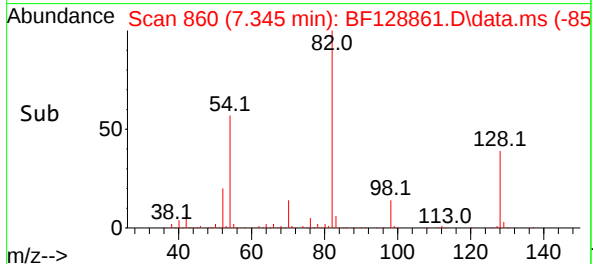
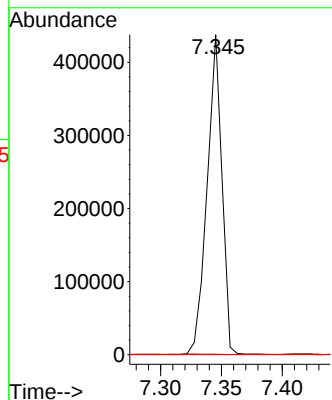
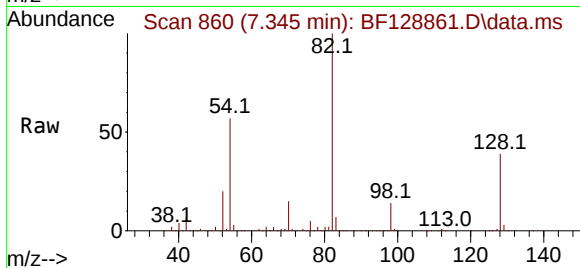




#25
Isophorone
Concen: 45.760 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

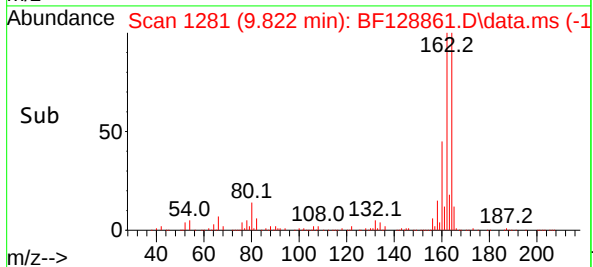
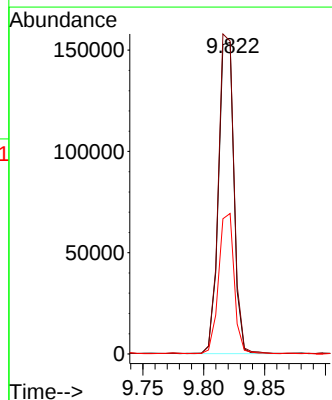
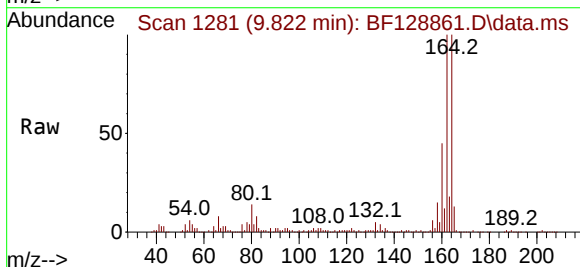
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

Tgt Ion: 82 Resp: 369169
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: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion: 164 Resp: 135700
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.349 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128861.D

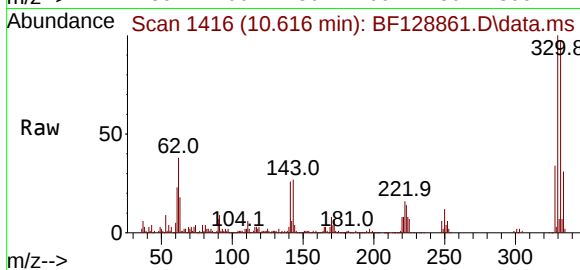
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Instrument :

BNA_F

ClientSampleId :

OK-02-061522RE



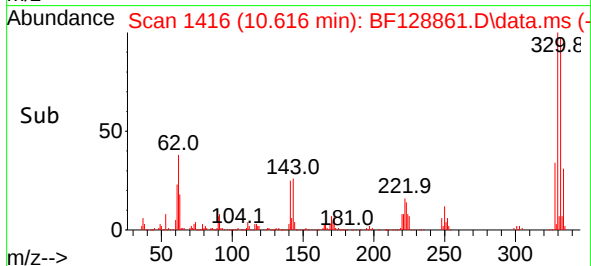
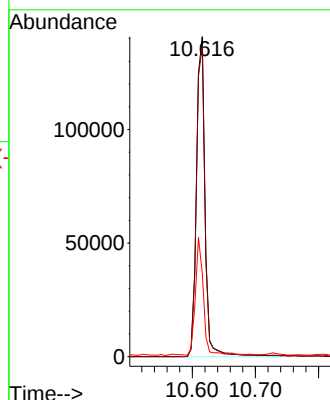
Tgt Ion:330 Resp: 133638

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 32.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.831 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128861.D

Acq: 17 Jun 2022 18:40

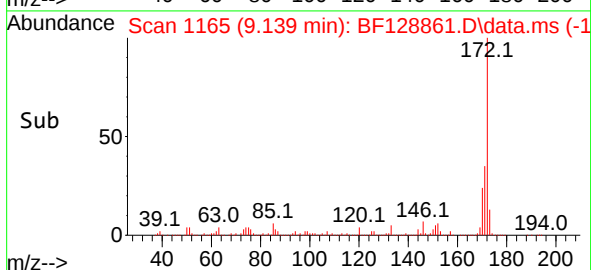
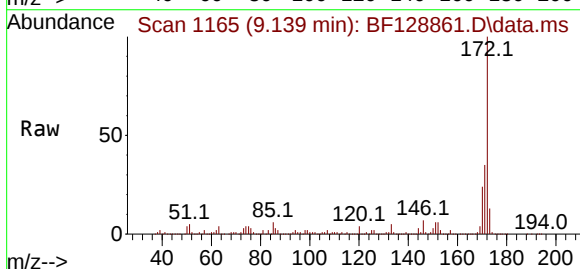
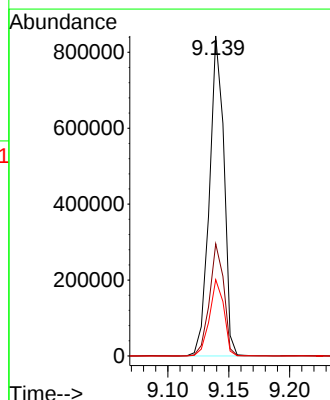
Tgt Ion:172 Resp: 695850

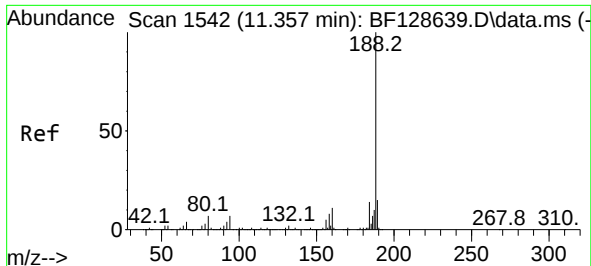
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.8 19.8 29.8

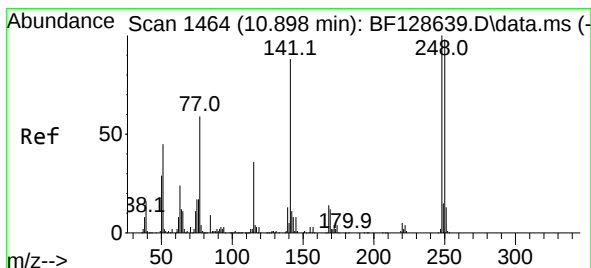
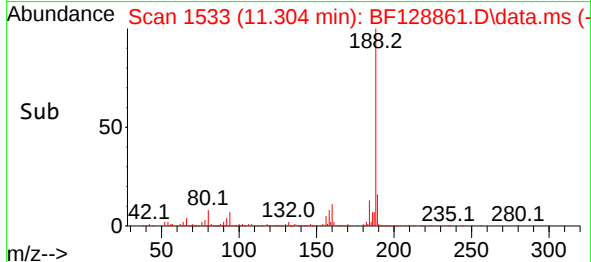
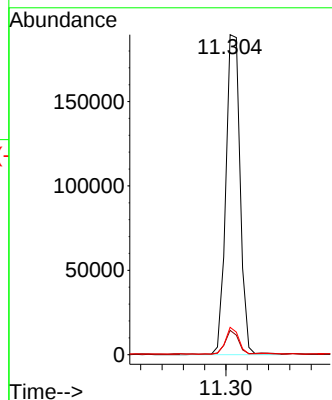
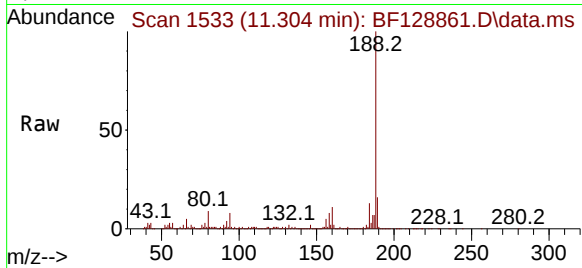




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

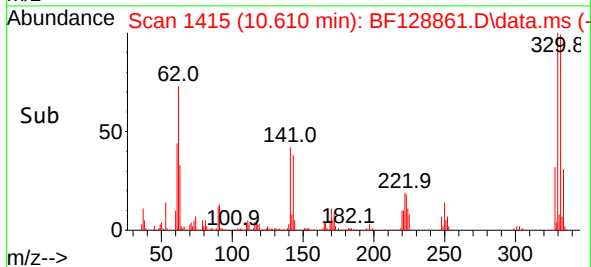
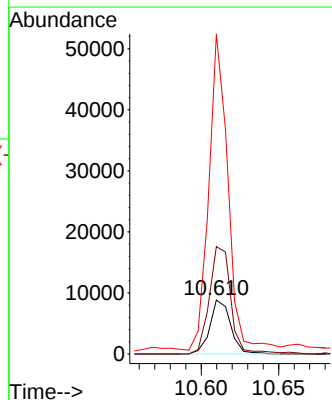
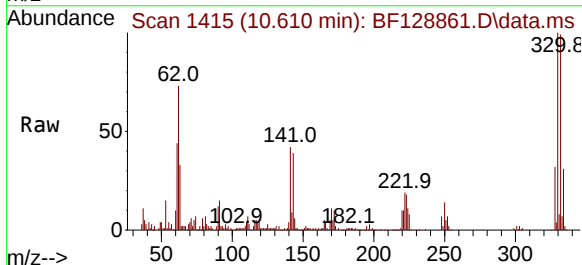
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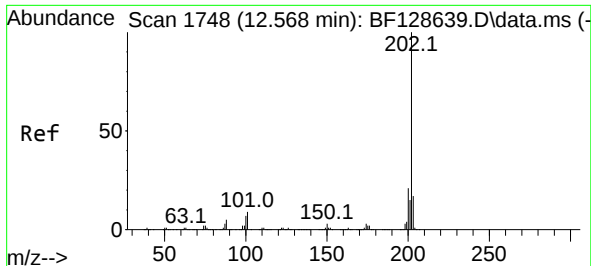
Tgt Ion:188 Resp: 176017
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.195 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.247 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:248 Resp: 8235
Ion Ratio Lower Upper
248 100
250 199.0 80.6 120.8#
141 592.7 58.9 88.3#

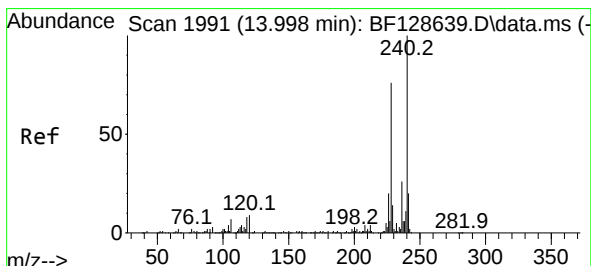
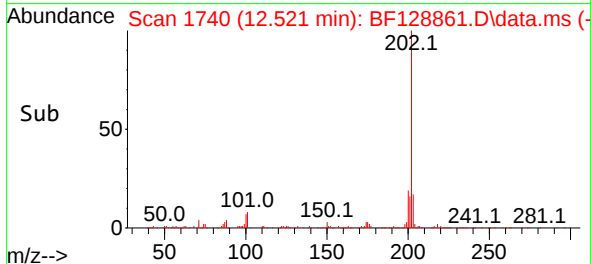
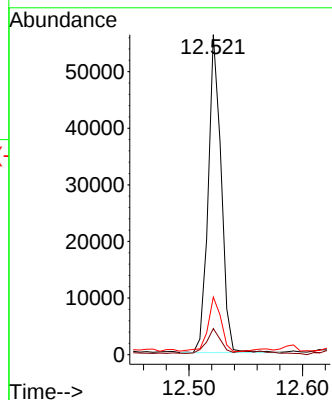
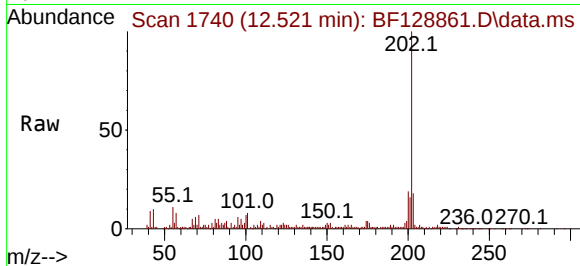




#75
Fluoranthene
Concen: 4.796 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

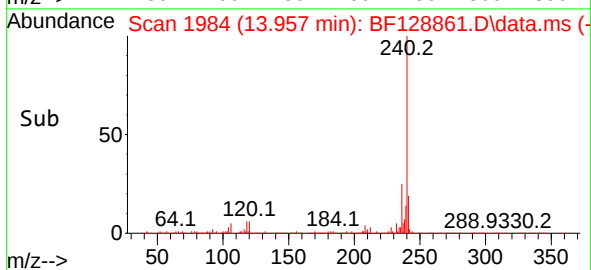
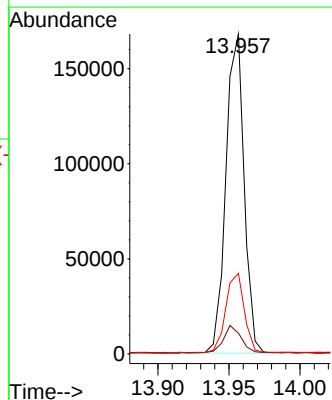
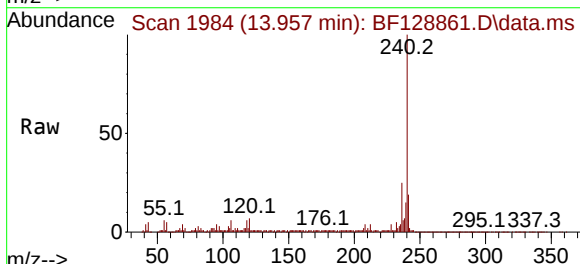
Instrument :
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OK-02-061522RE

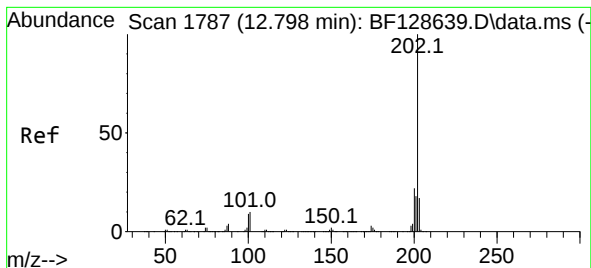
Tgt Ion:202 Resp: 44256
Ion Ratio Lower Upper
202 100
101 8.1 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:240 Resp: 149398
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 25.2 20.8 31.2





#78

Pyrene

Concen: 3.133 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128861.D

Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

OK-02-061522RE

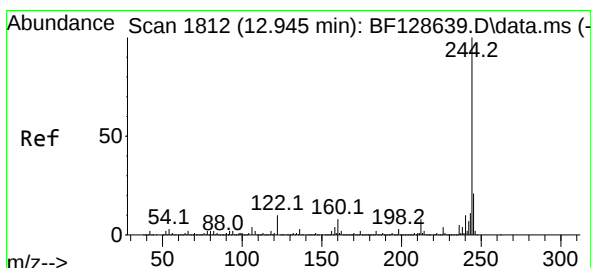
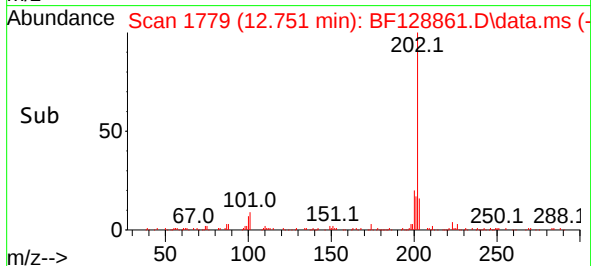
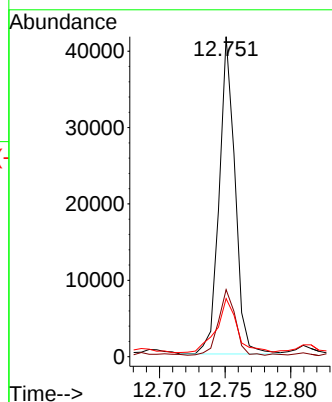
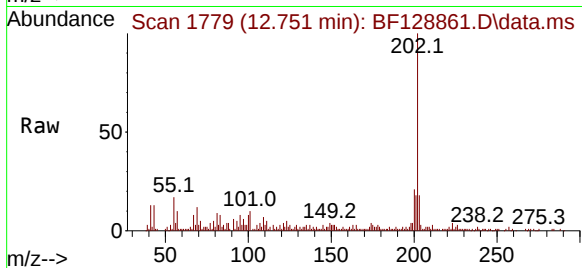
Tgt Ion:202 Resp: 34822

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

203 18.1 14.6 21.8



#79

Terphenyl-d14

Concen: 69.502 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128861.D

Acq: 17 Jun 2022 18:40

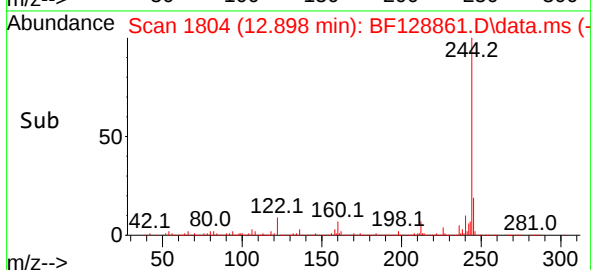
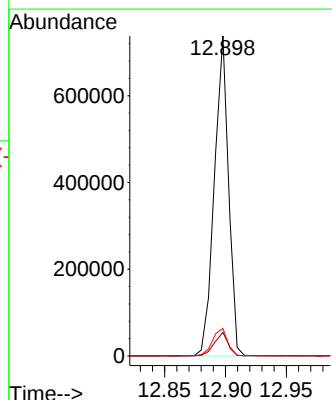
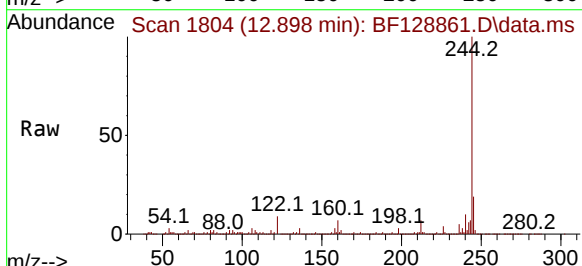
Tgt Ion:244 Resp: 597563

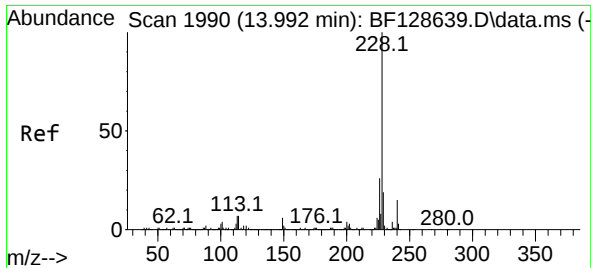
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.6 8.8 13.2#

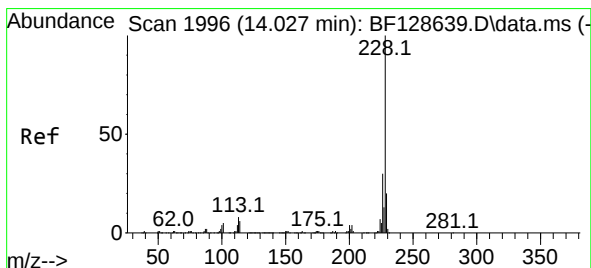
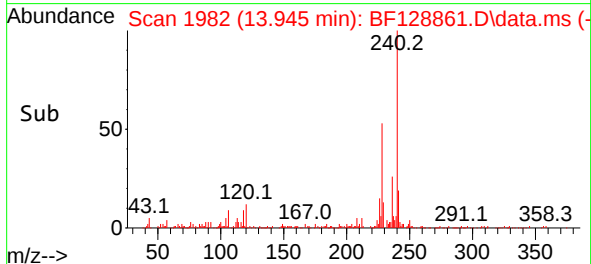
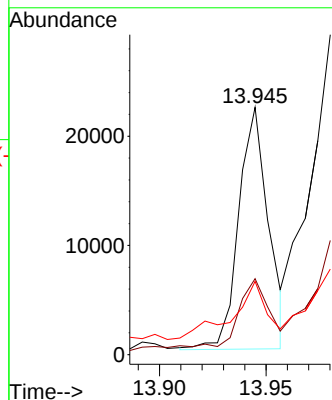
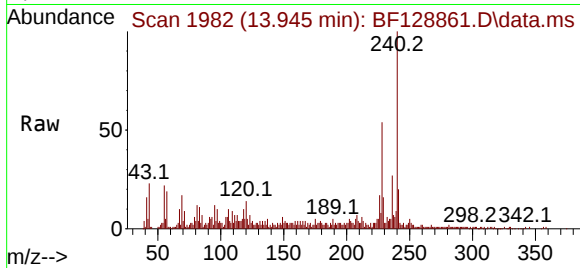




#81
Benzo(a)anthracene
Concen: 2.322 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

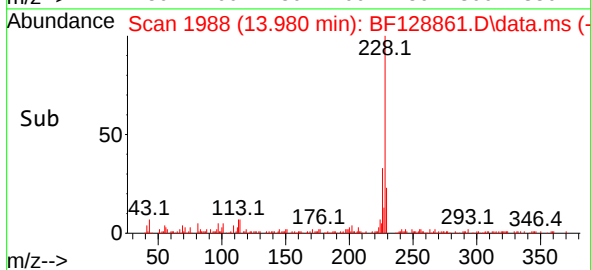
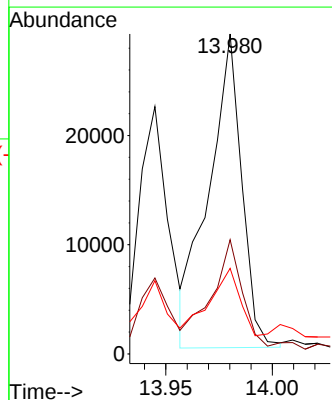
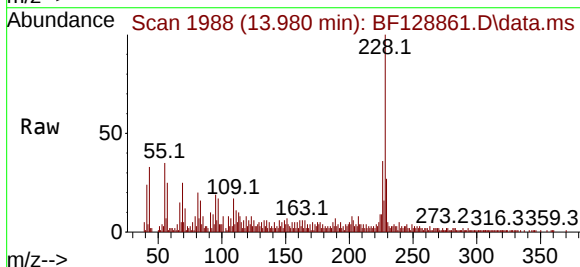
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

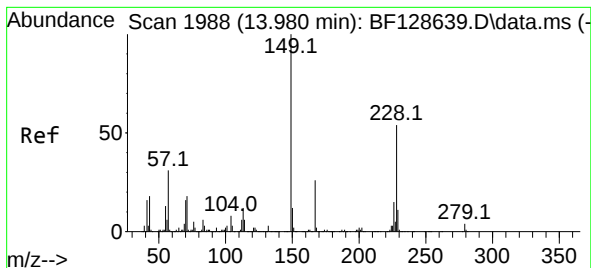
Tgt Ion:228 Resp: 21624
Ion Ratio Lower Upper
228 100
226 30.8 22.1 33.1
229 29.6 15.8 23.8#



#83
Chrysene
Concen: 3.470 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:228 Resp: 30809
Ion Ratio Lower Upper
228 100
226 35.7 24.3 36.5
229 26.7 15.9 23.9#

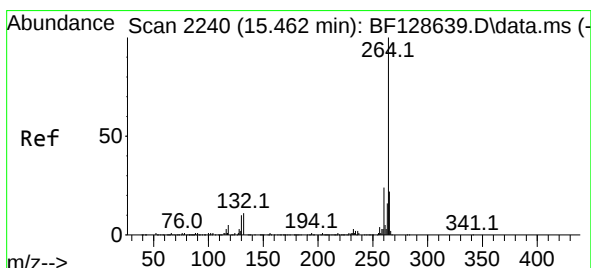
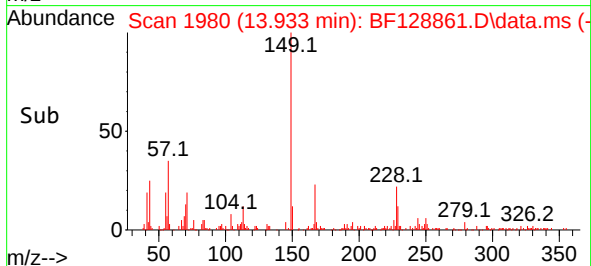
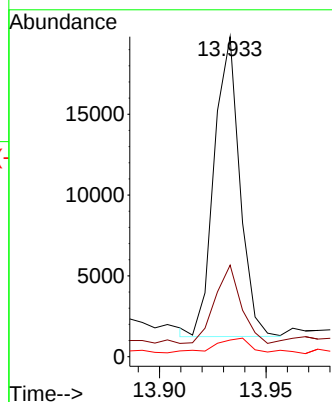
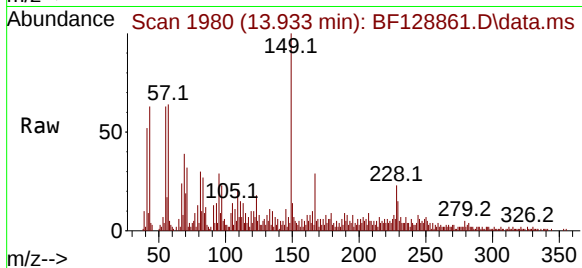




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.546 ng
RT: 13.933 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

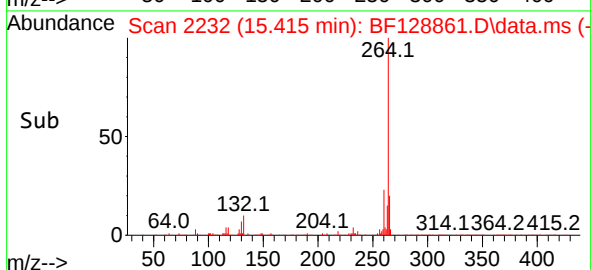
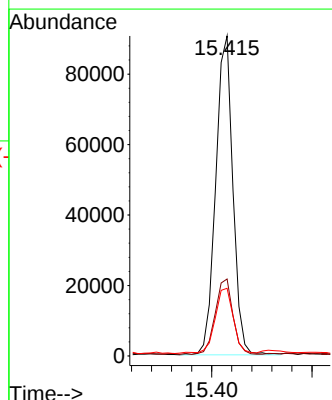
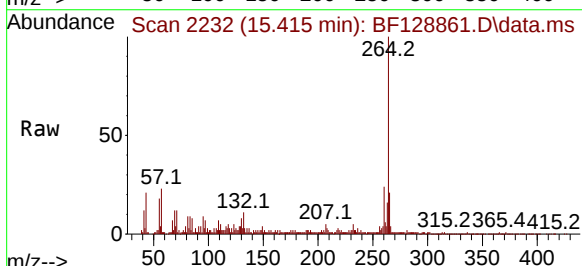
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

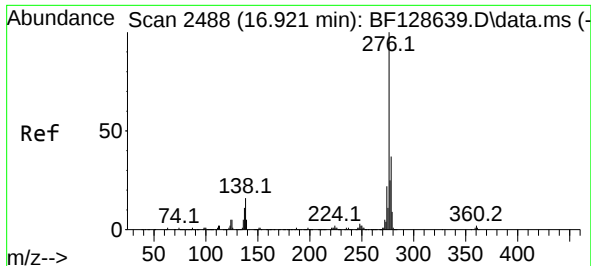
Tgt Ion:149 Resp: 15453
Ion Ratio Lower Upper
149 100
167 28.6 21.0 31.4
279 5.2 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:264 Resp: 106995
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.2 17.2 25.8

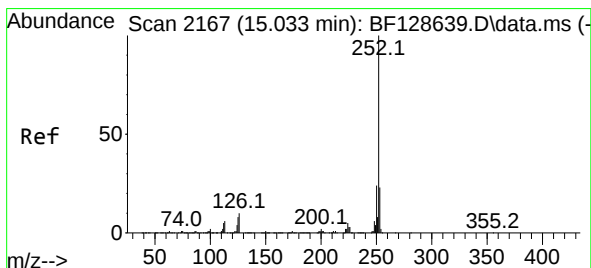
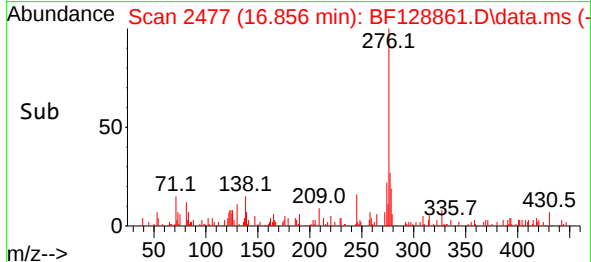
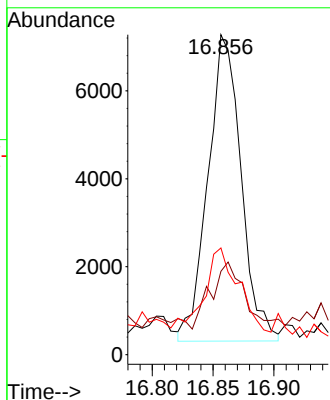
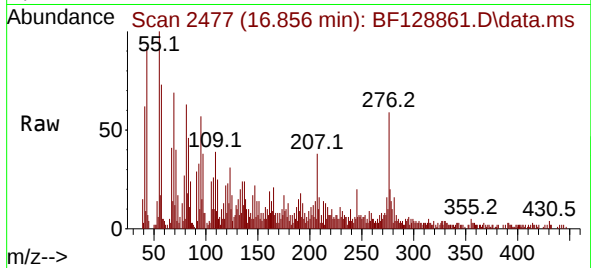




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.046 ng
RT: 16.856 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

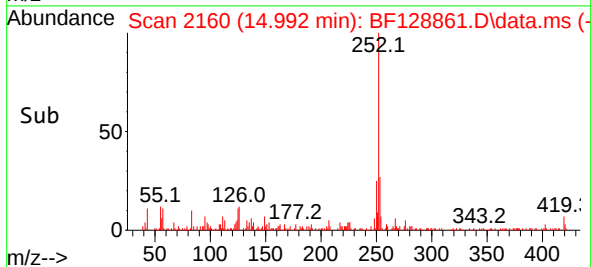
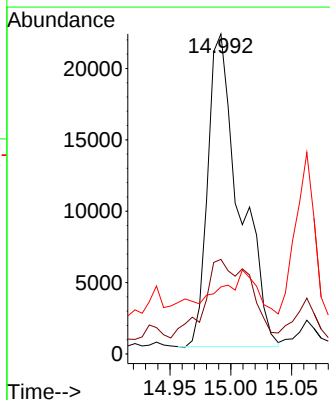
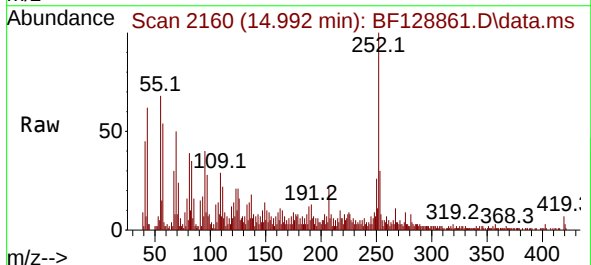
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

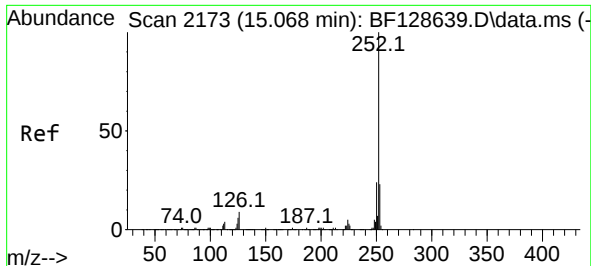
Tgt Ion:276 Resp: 13196
Ion Ratio Lower Upper
276 100
138 22.9 21.1 31.7
277 28.2 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 5.824 ng
RT: 14.992 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:252 Resp: 39816
Ion Ratio Lower Upper
252 100
253 29.6 17.7 26.5#
125 20.9 8.0 12.0#

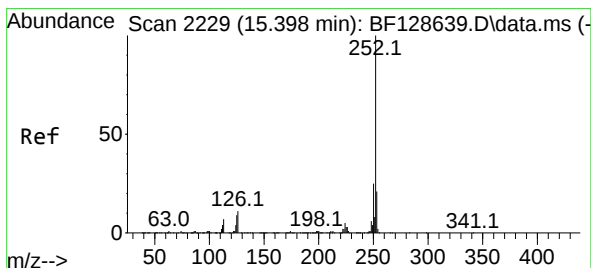
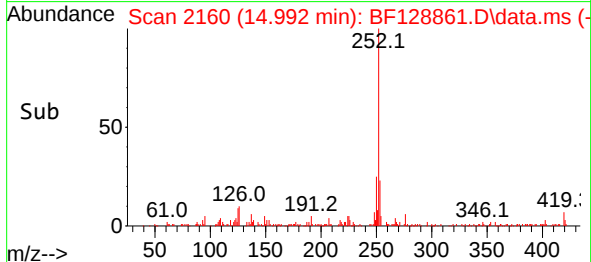
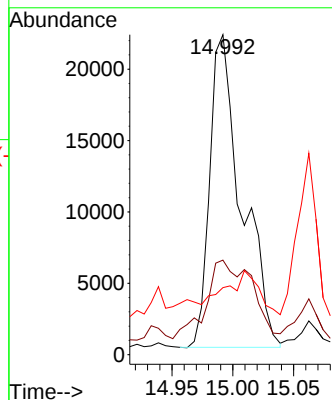
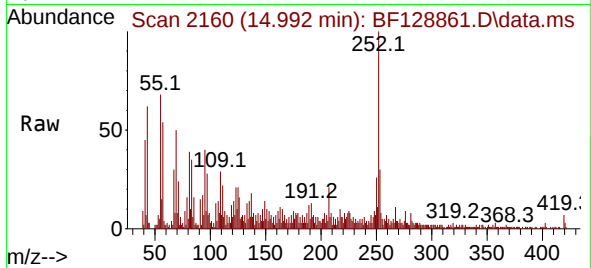




#89
Benzo(k)fluoranthene
Concen: 6.191 ng
RT: 14.992 min Scan# 2173
Delta R.T. -0.035 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

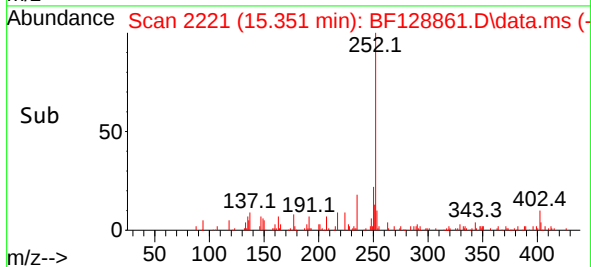
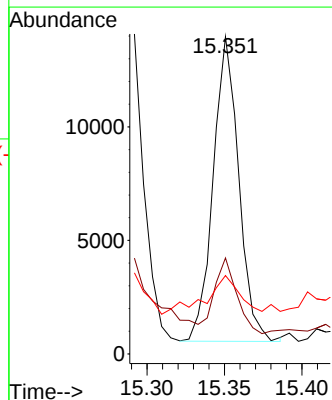
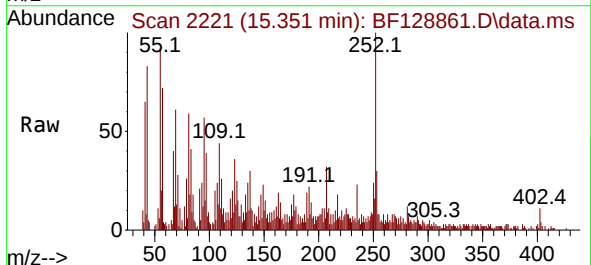
Instrument :
BNA_F
ClientSampleId :
OK-02-061522RE

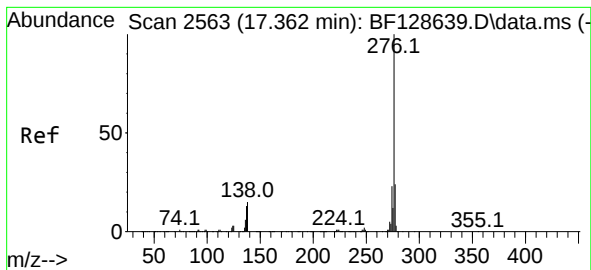
Tgt Ion:252 Resp: 39816
Ion Ratio Lower Upper
252 100
253 29.6 17.8 26.6#
125 20.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.864 ng
RT: 15.351 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF128861.D
Acq: 17 Jun 2022 18:40

Tgt Ion:252 Resp: 15389
Ion Ratio Lower Upper
252 100
253 30.2 17.0 25.6#
125 24.7 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.803 ng

RT: 17.303 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128861.D

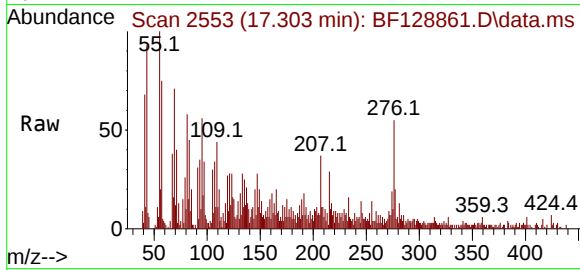
Acq: 17 Jun 2022 18:40

Instrument :

BNA_F

ClientSampleId :

OK-02-061522RE



Tgt Ion:276 Resp: 14858

Ion Ratio Lower Upper

276 100

277 37.0 19.1 28.7#

138 24.3 18.0 27.0

