

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129275.D
 Acq On : 18 Jul 2022 19:12
 Operator : CG\JU
 Sample : N3747-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-071522

Quant Time: Jul 19 02:09:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

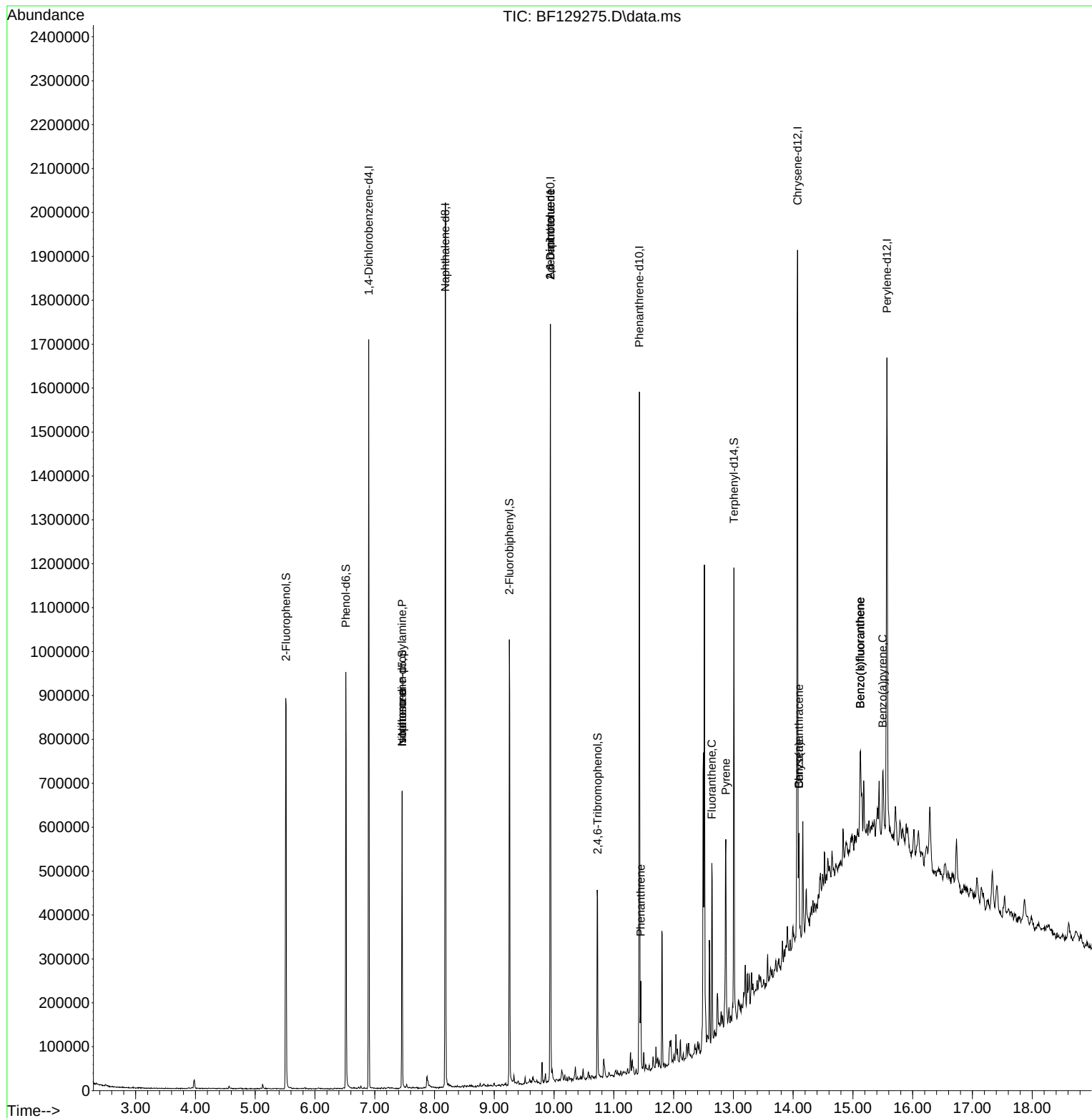
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	218867	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	759927	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	333713	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	498731	20.000	ng	# 0.00
76) Chrysene-d12	14.075	240	510145	20.000	ng	0.00
86) Perylene-d12	15.569	264	452335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	253018	18.463	ng	0.00
7) Phenol-d6	6.516	99	294399	16.610	ng	-0.01
23) Nitrobenzene-d5	7.457	82	176899	12.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	46750	15.093	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	311034	15.791	ng	-0.01
79) Terphenyl-d14	13.010	244	302248	11.083	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	23153	2.221	ng	# 77
25) Isophorone	7.457	82	176897	7.404	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	43527	9.289	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	43527	7.083	ng	# 22
71) Phenanthrene	11.451	178	62809	2.480	ng	97
75) Fluoranthene	12.639	202	155087	6.150	ng	96
78) Pyrene	12.875	202	152617	3.694	ng	98
81) Benzo(a)anthracene	14.098	228	91491	2.843	ng	95
83) Chrysene	14.098	228	91491	2.979	ng	97
88) Benzo(b)fluoranthene	15.121	252	143375	5.160	ng	# 90
89) Benzo(k)fluoranthene	15.121	252	143375	5.281	ng	# 90
90) Benzo(a)pyrene	15.498	252	65949	2.915	ng	# 84

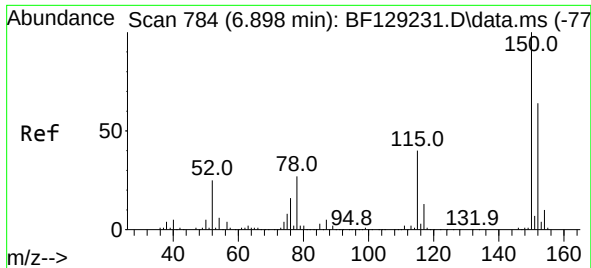
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129275.D
Acq On : 18 Jul 2022 19:12
Operator : CG\JU
Sample : N3747-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-071522

Quant Time: Jul 19 02:09:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

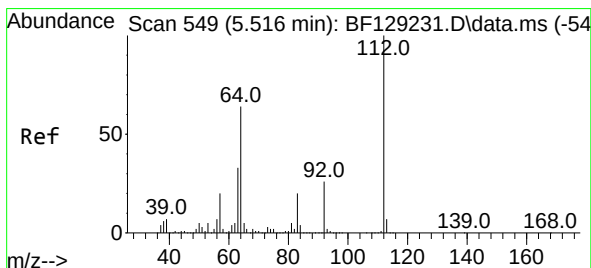
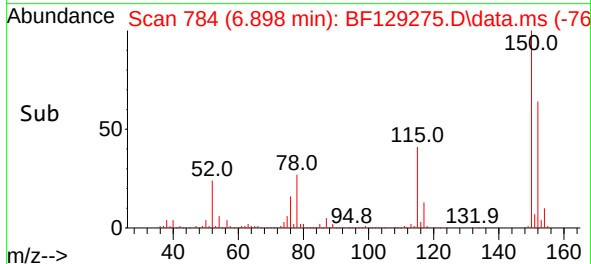
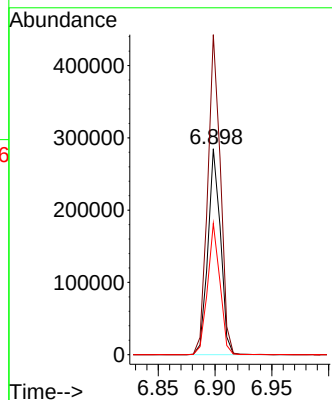
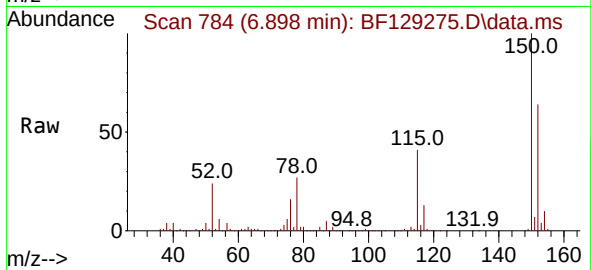




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129275.D
 Acq: 18 Jul 2022 19:12

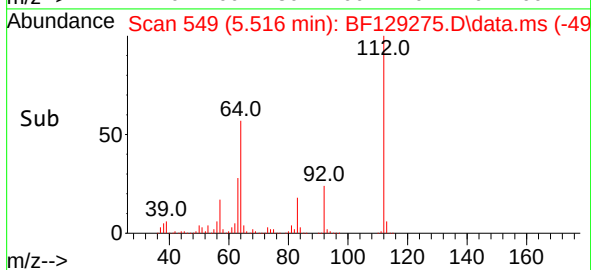
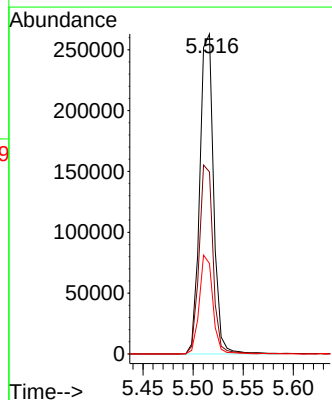
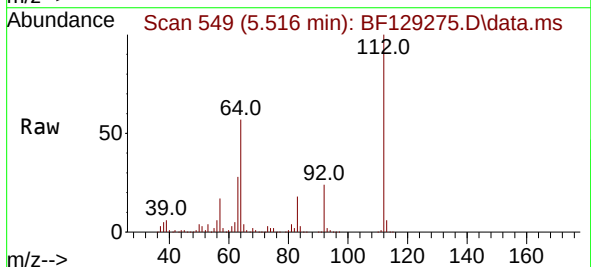
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-071522

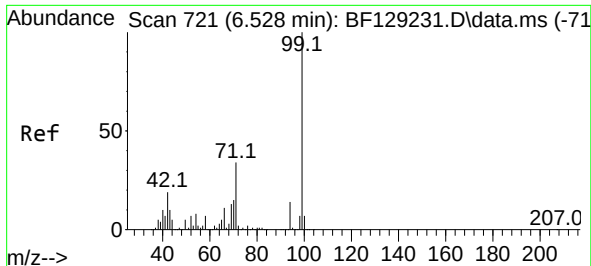
Tgt Ion:152 Resp: 218867
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 18.463 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF129275.D
 Acq: 18 Jul 2022 19:12

Tgt Ion:112 Resp: 253018
 Ion Ratio Lower Upper
 112 100
 64 56.9 53.3 79.9
 63 28.3 28.0 42.0

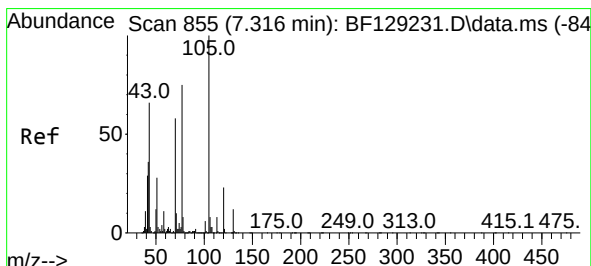
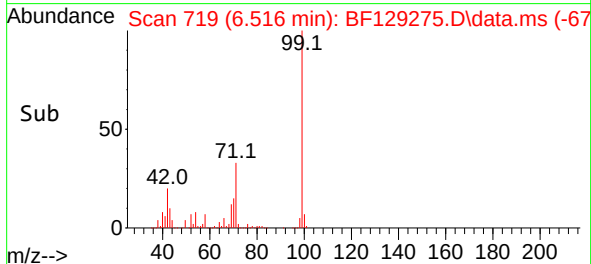
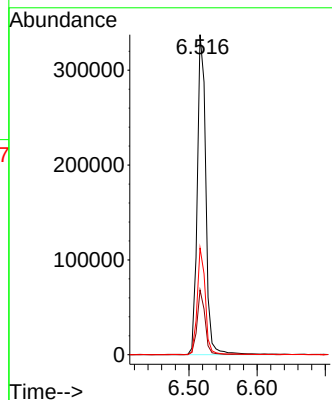
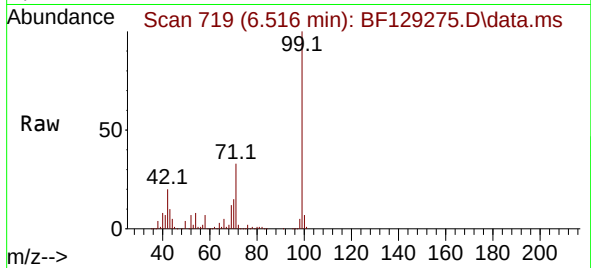




#7
Phenol-d6
Concen: 16.610 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

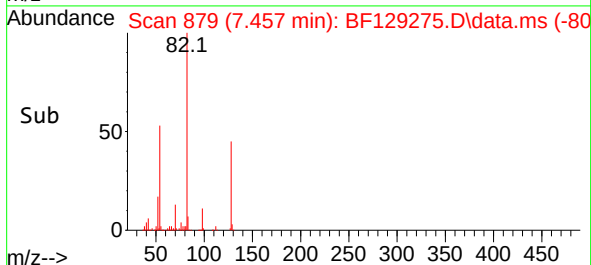
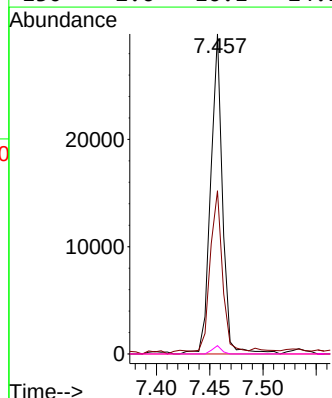
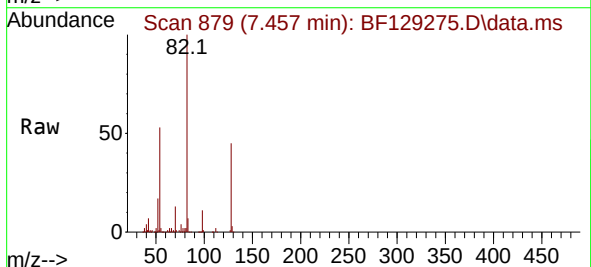
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

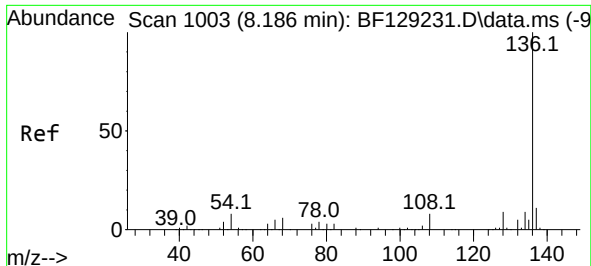
Tgt Ion: 99 Resp: 294399
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 33.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.221 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion: 70 Resp: 23153
Ion Ratio Lower Upper
70 100
42 51.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.6 16.1 24.1#

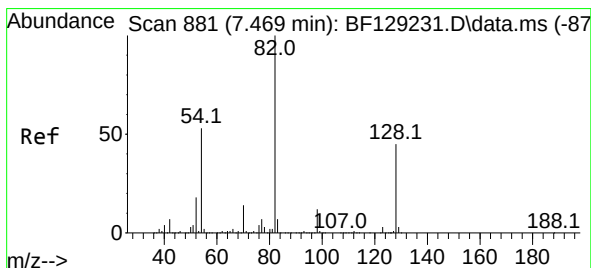
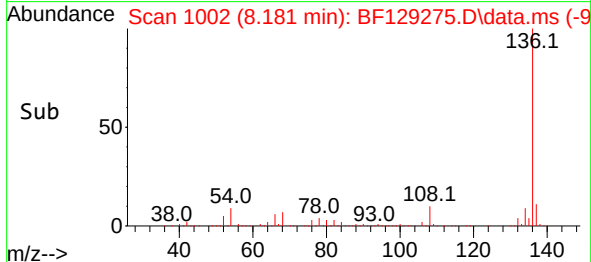
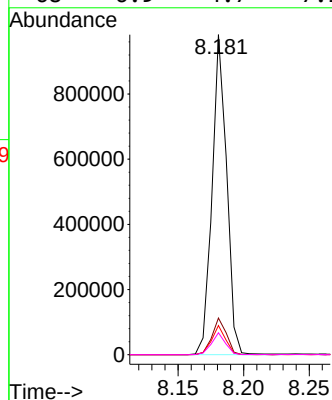
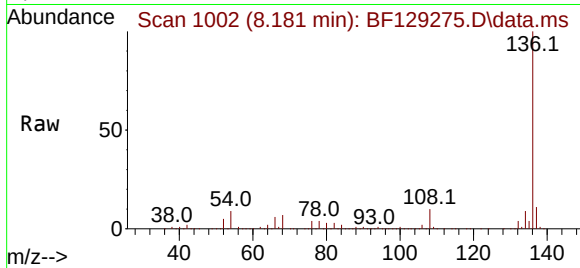




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

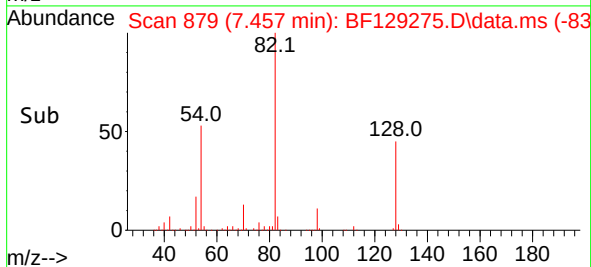
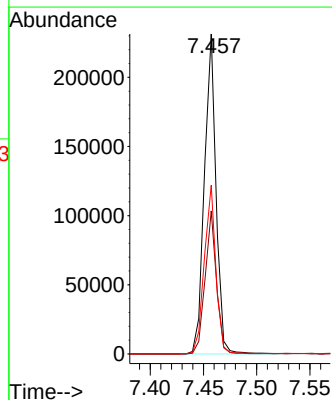
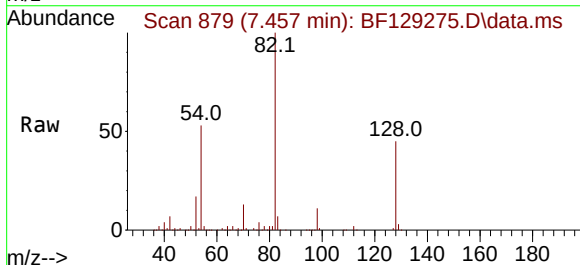
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

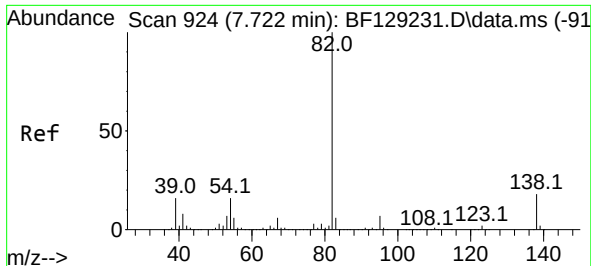
Tgt Ion:136	Resp: 759927
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 9.1	7.5 11.3
68 6.9	4.7 7.1



#23
Nitrobenzene-d5
Concen: 12.443 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion: 82	Resp: 176899
Ion Ratio	Lower Upper
82 100	
128 44.7	34.0 51.0
54 52.7	46.9 70.3

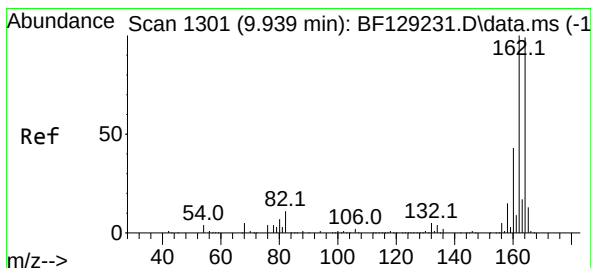
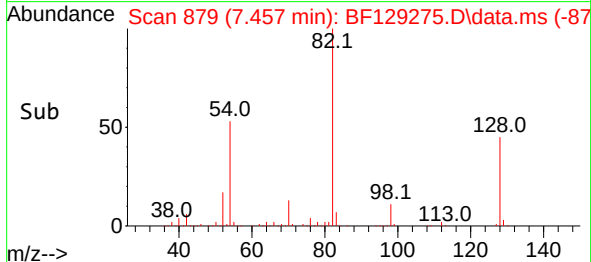
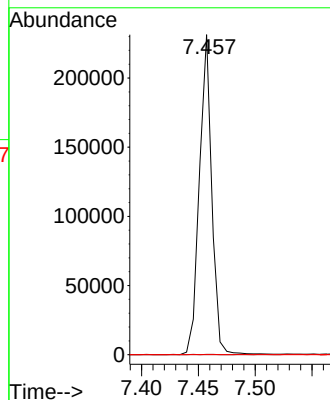
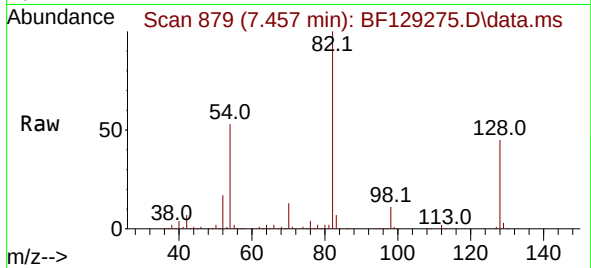




#25
Isophorone
Concen: 7.404 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

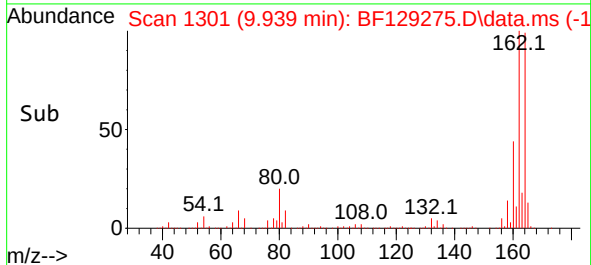
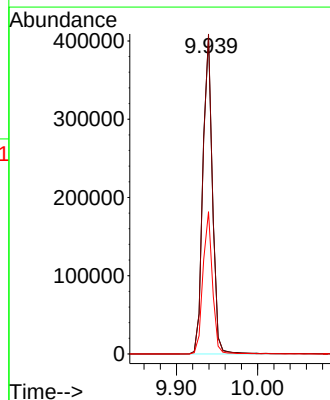
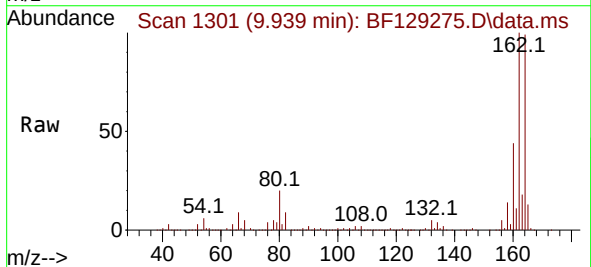
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

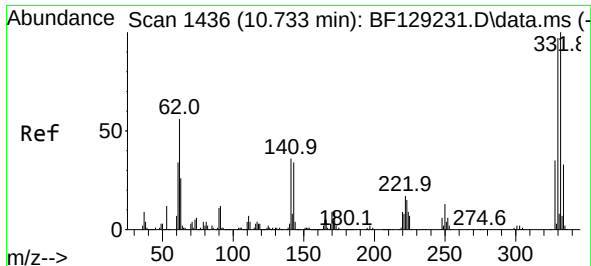
Tgt Ion: 82 Resp: 176897
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:164 Resp: 333713
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.9 34.2 51.4

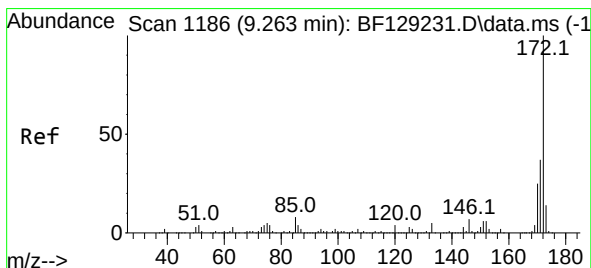
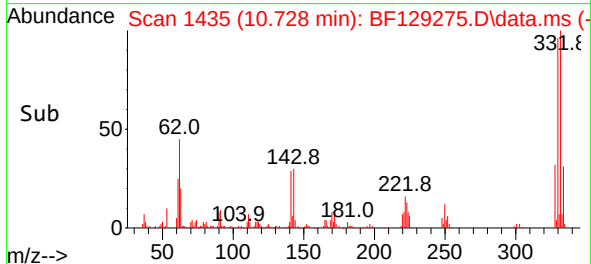
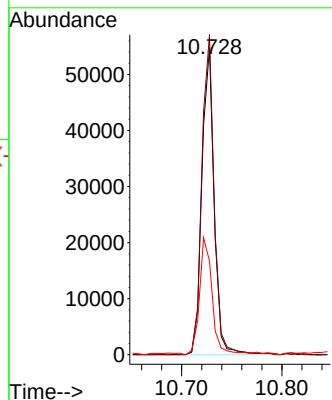
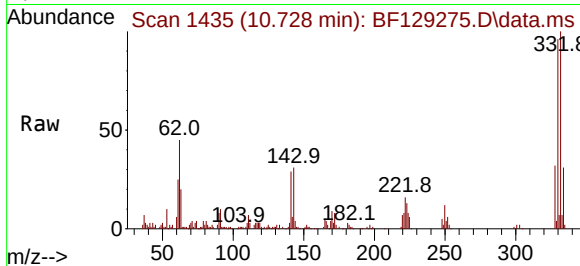




#42
2,4,6-Tribromophenol
Concen: 15.093 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

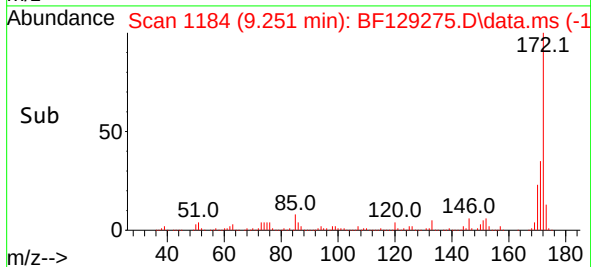
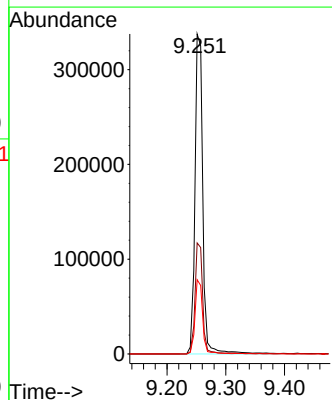
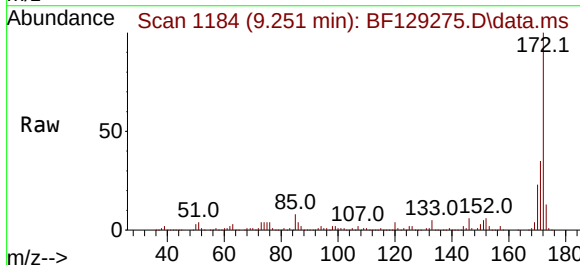
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

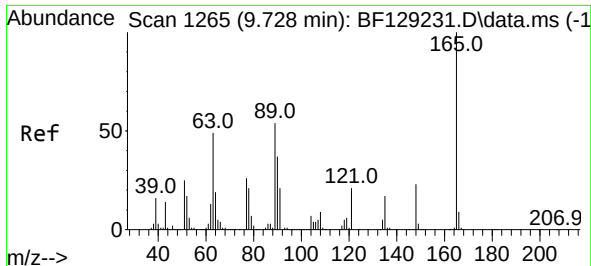
Tgt Ion:330 Resp: 46750
Ion Ratio Lower Upper
330 100
332 104.4 76.8 115.2
141 39.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 15.791 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:172 Resp: 311034
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.2 19.8 29.8

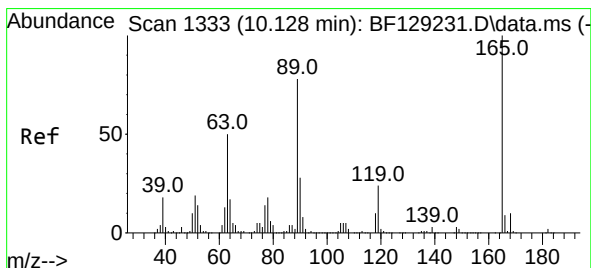
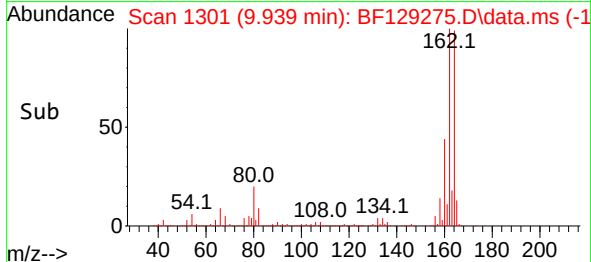
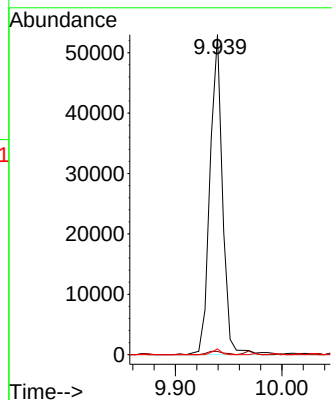
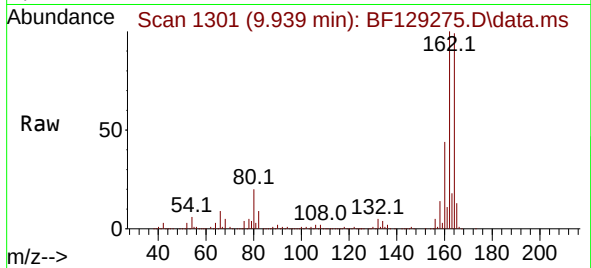




#51
2,6-Dinitrotoluene
Concen: 9.289 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

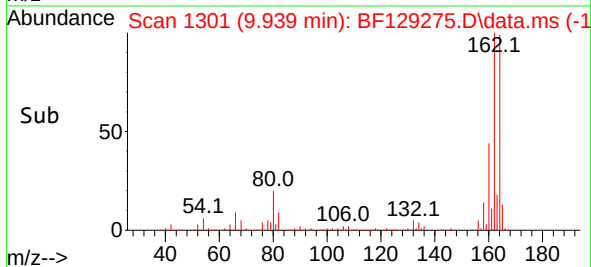
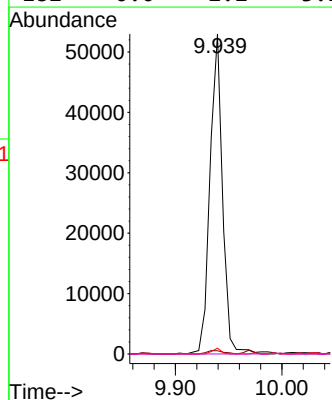
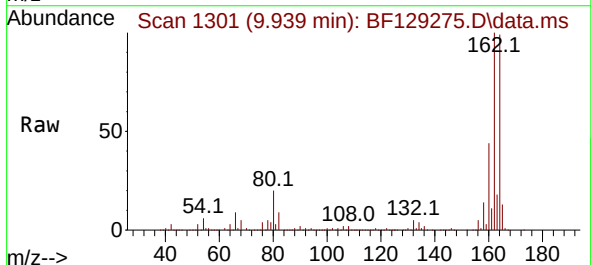
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

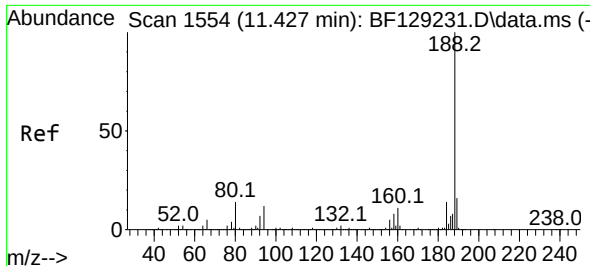
Tgt Ion:165 Resp: 43527
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.083 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:165 Resp: 43527
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#

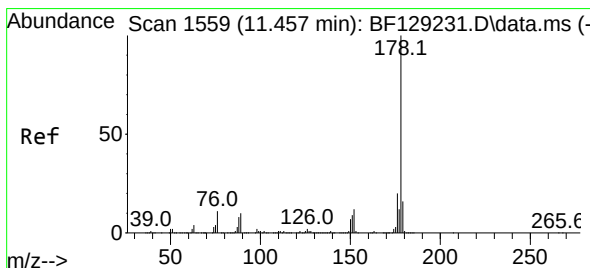
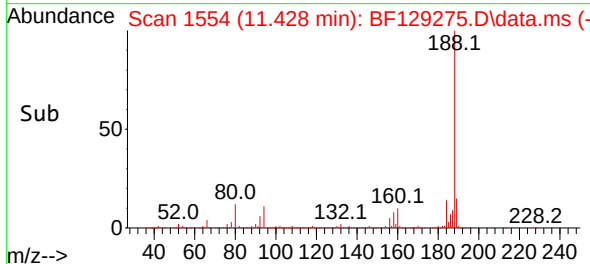
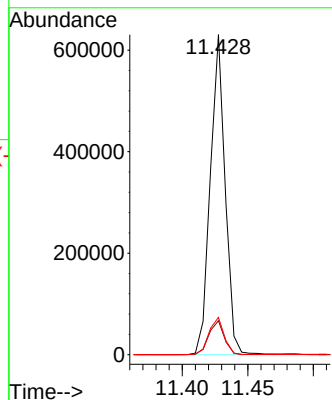
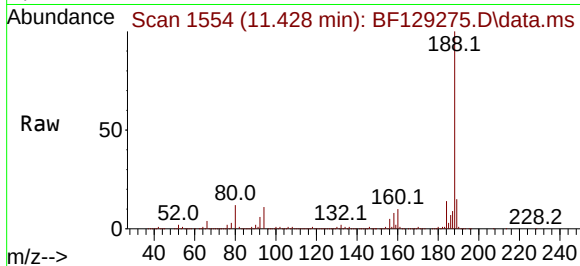




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

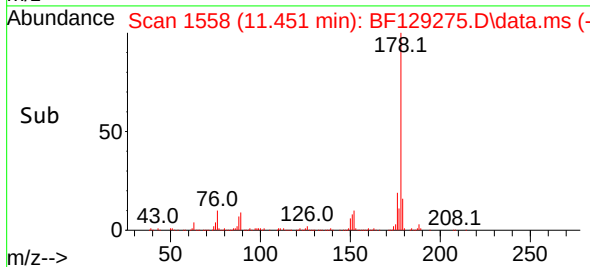
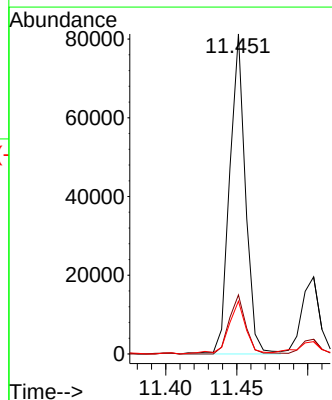
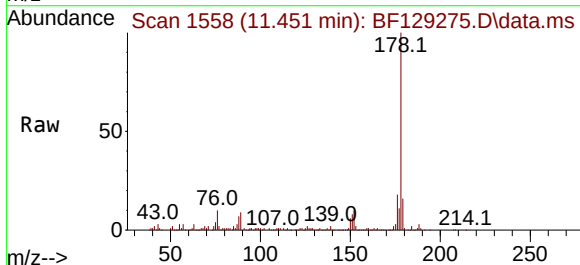
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

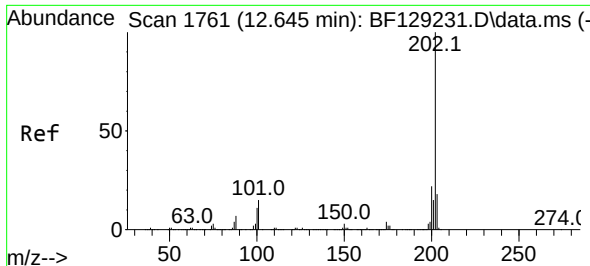
Tgt Ion:188 Resp: 498731
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.7 7.6 11.4#



#71
Phenanthrene
Concen: 2.480 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:178 Resp: 62809
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 16.5 12.6 19.0

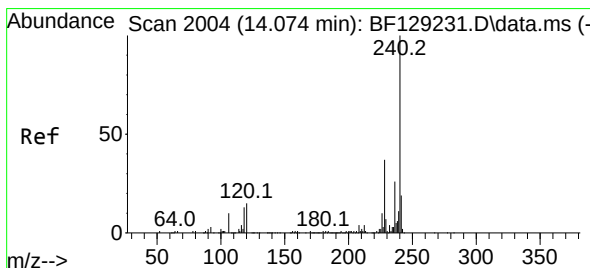
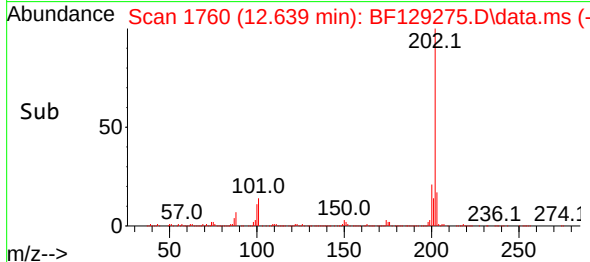
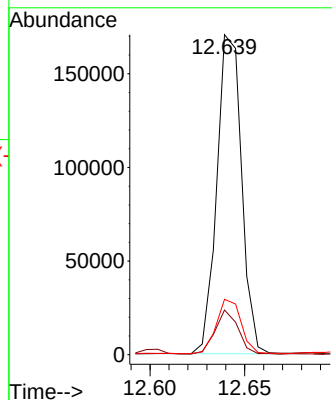
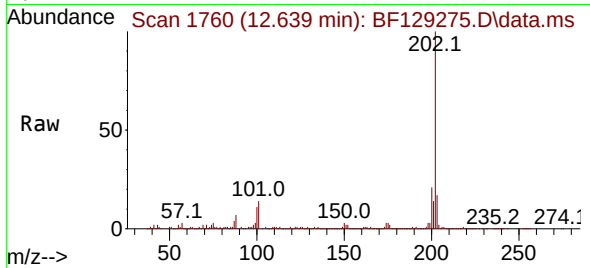




#75
Fluoranthene
Concen: 6.150 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

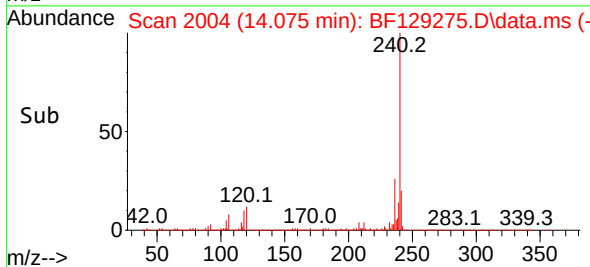
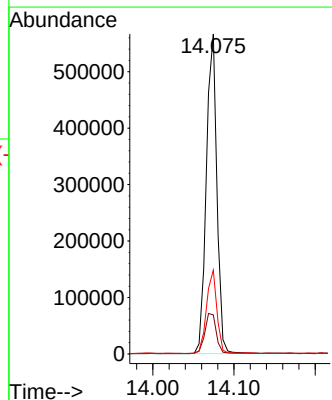
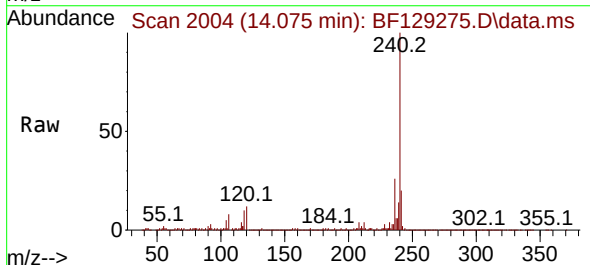
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

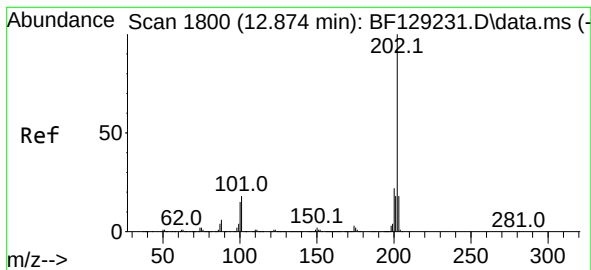
Tgt Ion:202 Resp: 155087
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:240 Resp: 510145
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.2 20.8 31.2





#78

Pyrene

Concen: 3.694 ng

RT: 12.875 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OK-01-071522

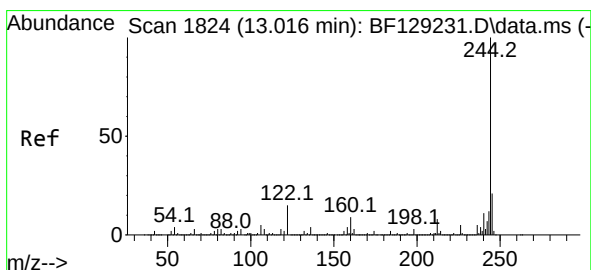
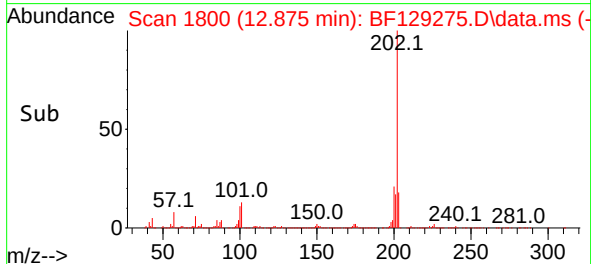
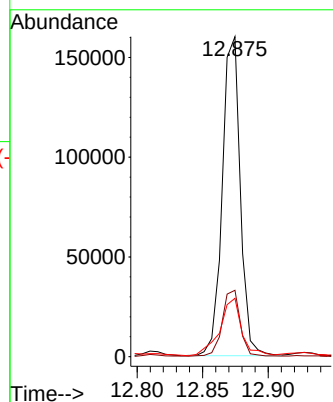
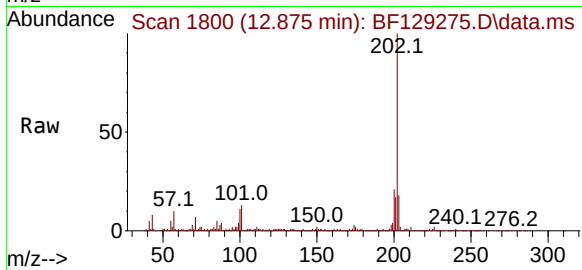
Tgt Ion:202 Resp: 152617

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

203 18.2 14.6 21.8



#79

Terphenyl-d14

Concen: 11.083 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

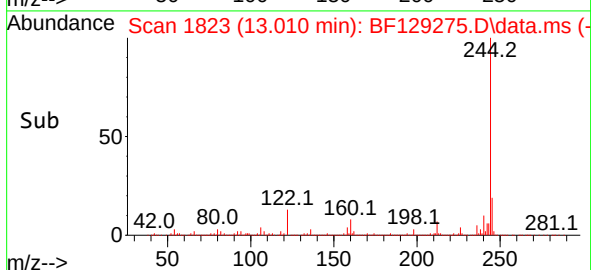
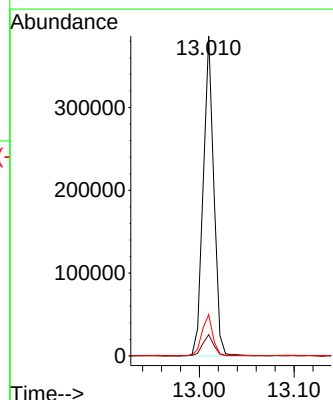
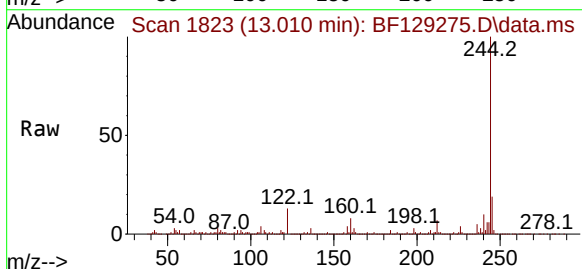
Tgt Ion:244 Resp: 302248

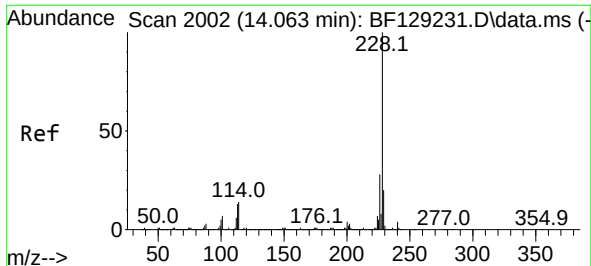
Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

122 12.9 8.8 13.2

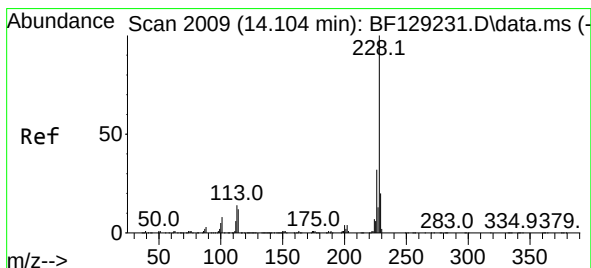
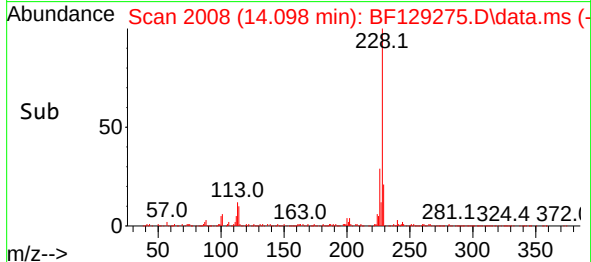
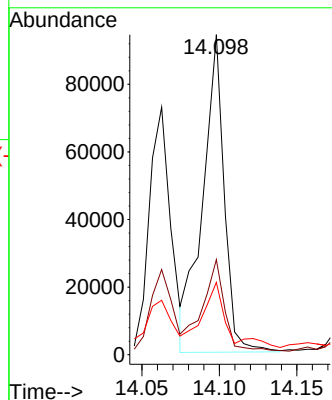
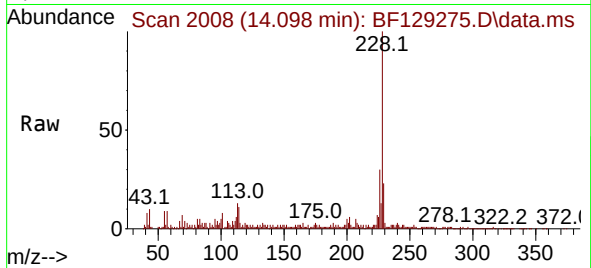




#81
Benzo(a)anthracene
Concen: 2.843 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.035 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

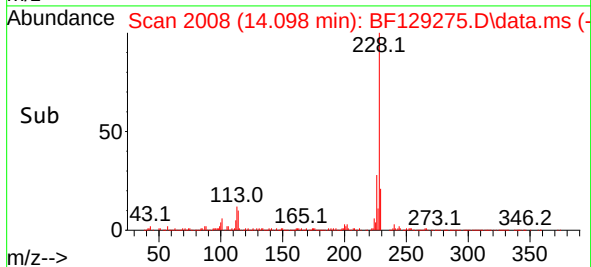
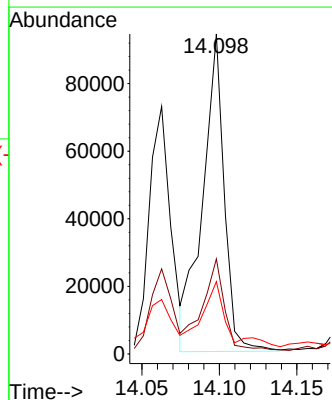
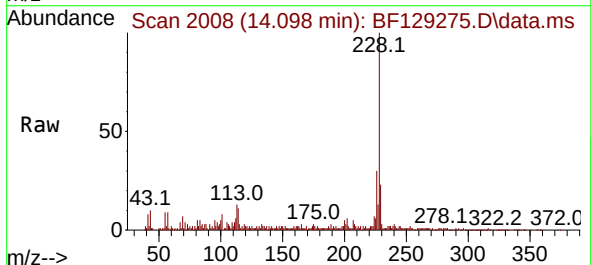
Instrument :
BNA_F
ClientSampleId :
OK-01-071522

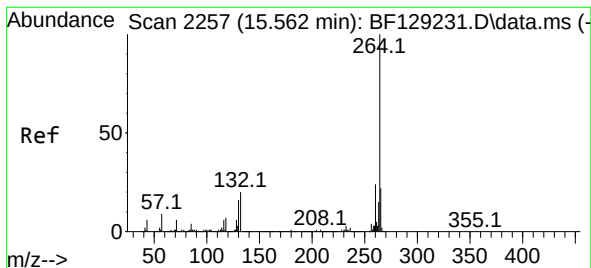
Tgt Ion:228	Resp:	91491
Ion Ratio	Lower	Upper
228	100	
226	29.7	22.1 33.1
229	22.6	15.8 23.8



#83
Chrysene
Concen: 2.979 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:228	Resp:	91491
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.3 36.5
229	22.6	15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

Instrument :

BNA_F

ClientSampleId :

OK-01-071522

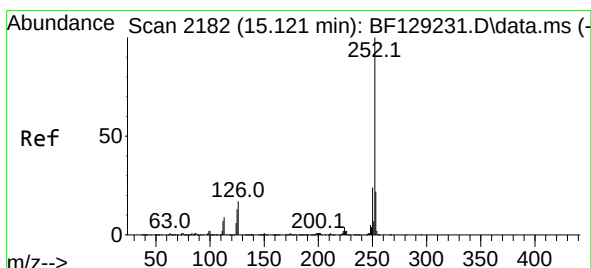
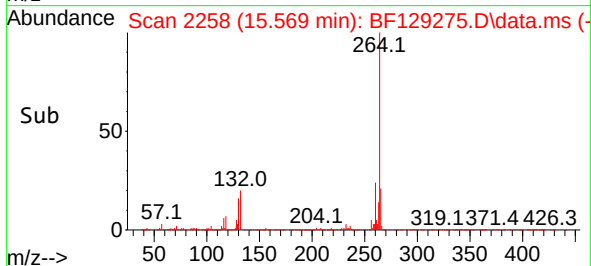
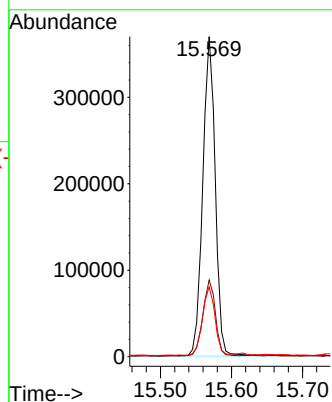
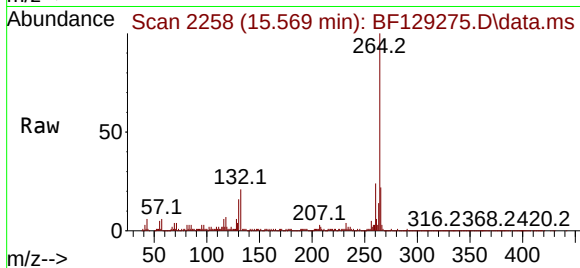
Tgt Ion:264 Resp: 452335

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.8 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 5.160 ng

RT: 15.121 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF129275.D

Acq: 18 Jul 2022 19:12

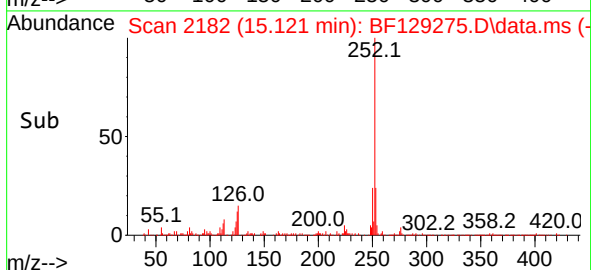
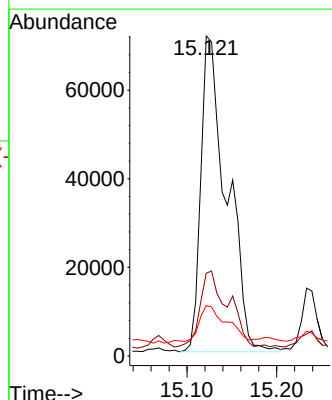
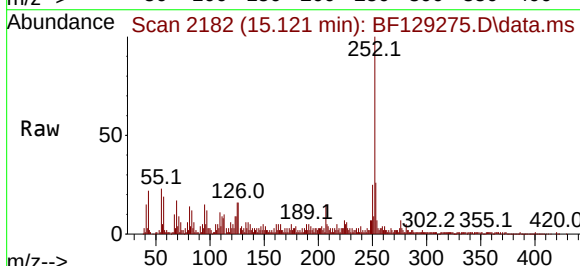
Tgt Ion:252 Resp: 143375

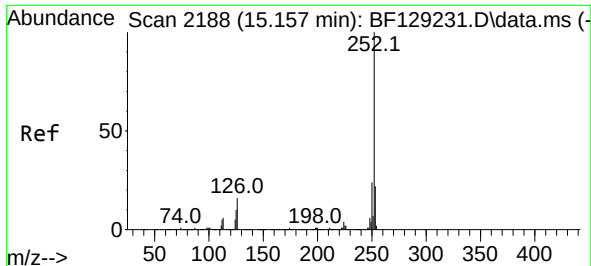
Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 15.8 8.0 12.0#

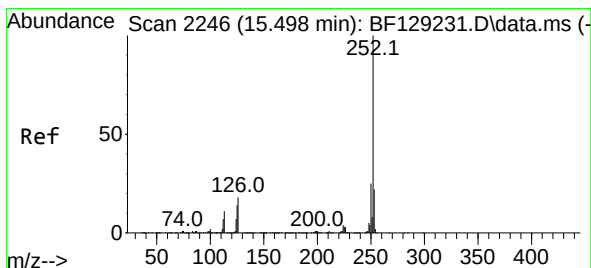
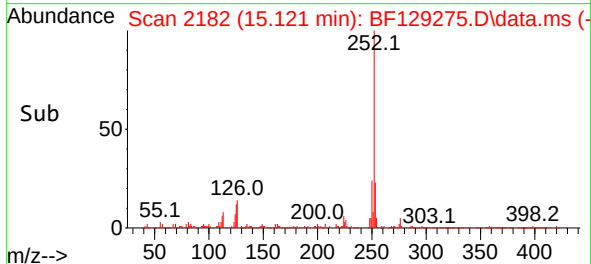
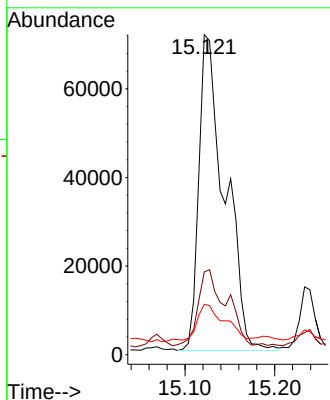
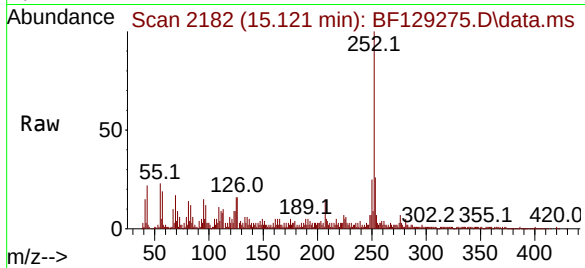




#89
Benzo(k)fluoranthene
Concen: 5.281 ng
RT: 15.121 min Scan# 2188
Delta R.T. -0.035 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Instrument :
BNA_F
ClientSampleId :
OK-01-071522

Tgt Ion:252 Resp: 143375
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.6
125 15.8 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.915 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF129275.D
Acq: 18 Jul 2022 19:12

Tgt Ion:252 Resp: 65949
Ion Ratio Lower Upper
252 100
253 26.3 17.0 25.6#
125 20.6 8.8 13.2#

