

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126437.D
 Acq On : 31 Dec 2021 00:43
 Operator : JU/CG
 Sample : M5244-41
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-14A

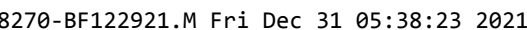
Quant Time: Dec 31 05:38:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

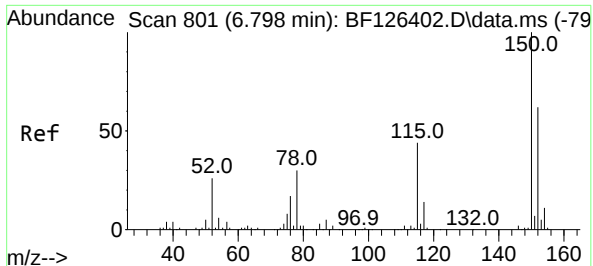
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	104038	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	390095	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	177829	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315656	20.000	ng	0.00
76) Chrysene-d12	13.957	240	226634	20.000	ng	0.00
86) Perylene-d12	15.398	264	176991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	508716	70.219	ng	0.00
7) Phenol-d6	6.428	99	629328	67.068	ng	0.00
23) Nitrobenzene-d5	7.357	82	398751	52.485	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	122825	89.382	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	563700	55.782	ng	0.00
79) Terphenyl-d14	12.910	244	580433	49.761	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	50198	9.375	ng	# 79
22) Acetophenone	7.204	105	40436	4.484	ng	# 89
25) Isophorone	7.357	82	395710	29.096	ng	# 69
32) Benzoic acid	7.792	122	5828	8.376	ng	92
50) Dimethylphthalate	9.751	163	22307	2.009	ng	# 95
57) 2,4-Dinitrotoluene	9.833	165	23635	7.641	ng	# 16
67) 4-Bromophenyl-phenylether	10.622	248	7054	2.518	ng	# 1
70) Pentachlorophenol	11.127	266	3473	2.193	ng	93
71) Phenanthrene	11.339	178	40706	2.522	ng	97
72) Anthracene	11.339	178	40706	2.521	ng	98
74) Di-n-butylphthalate	11.886	149	100962	5.608	ng	100
75) Fluoranthene	12.533	202	59786	4.059	ng	96
77) Benzidine	12.668	184	394	Below Cal	#	1
78) Pyrene	12.757	202	55423	2.894	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	247656	28.158	ng	100

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

Quant Time: Dec 31 05:38:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

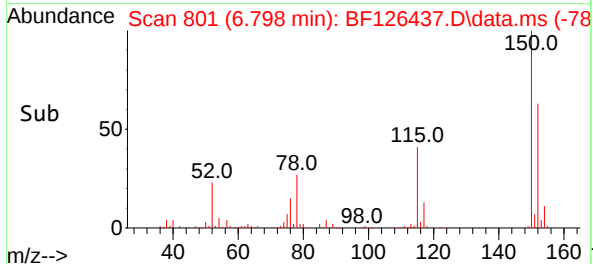
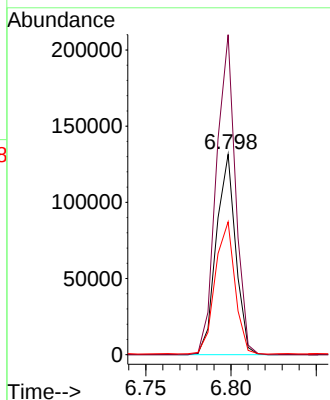
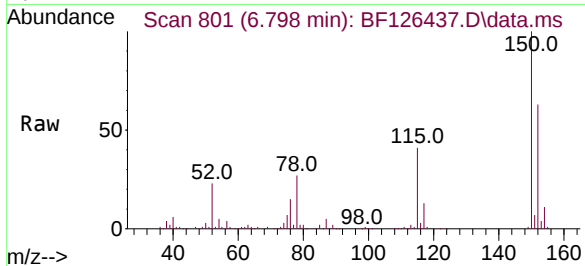




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

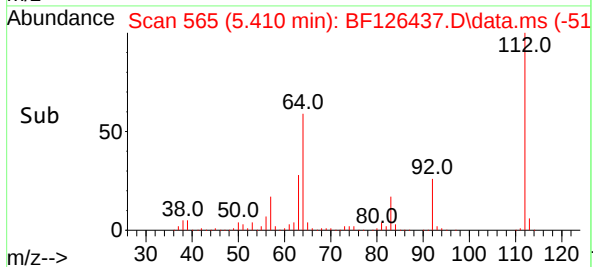
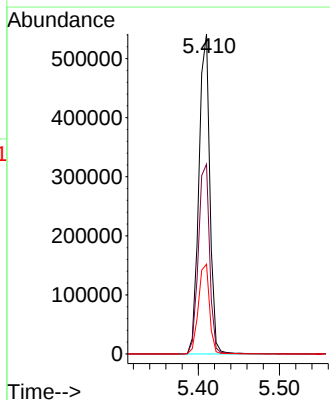
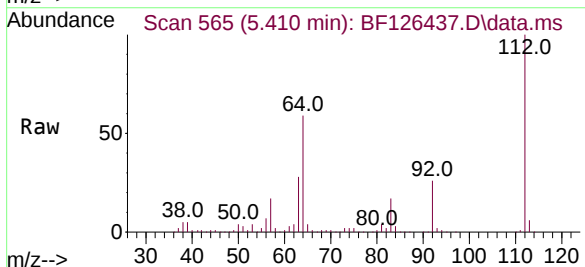
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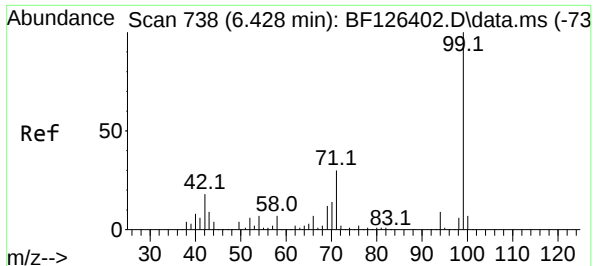
Tgt Ion:152 Resp: 104038
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 66.3 56.7 85.1



#5
2-Fluorophenol
Concen: 70.219 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:112 Resp: 508716
Ion Ratio Lower Upper
112 100
64 59.3 49.5 74.3
63 28.1 23.9 35.9

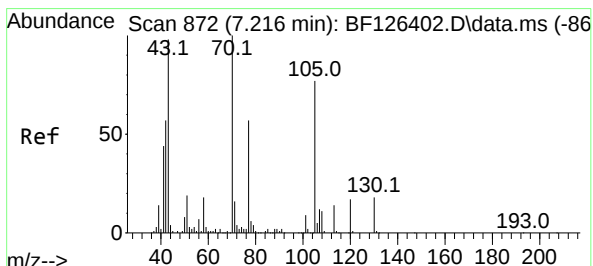
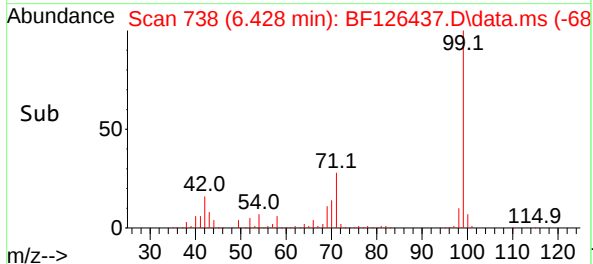
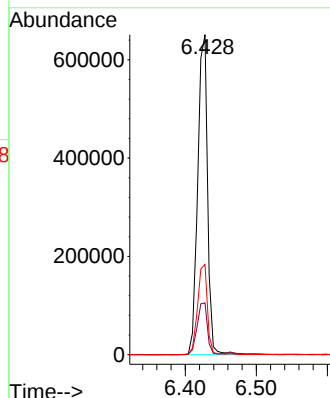
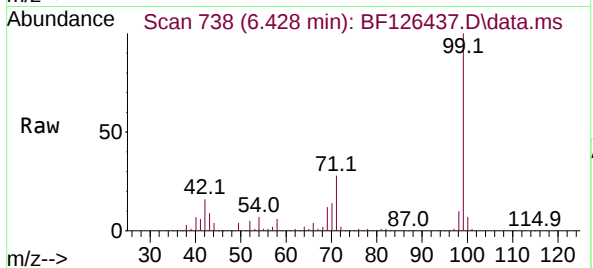




#7
Phenol-d6
Concen: 67.068 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

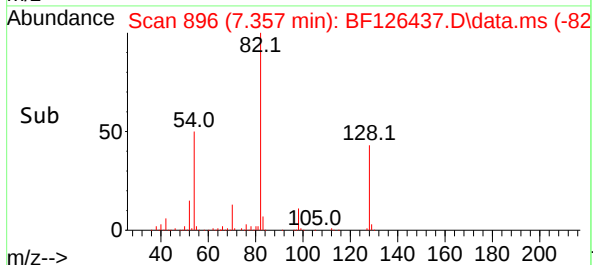
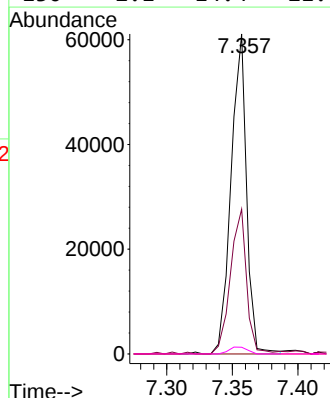
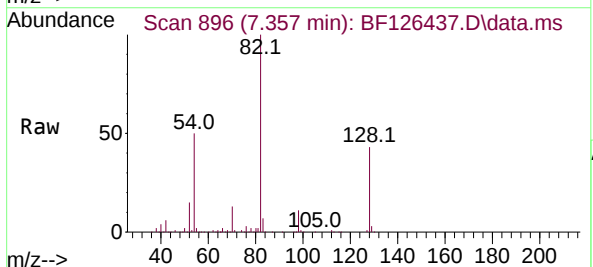
Instrument :
BNA_F
ClientSampleId :
CONC-14A

Tgt Ion: 99 Resp: 629328
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 28.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.375 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion: 70 Resp: 50198
Ion Ratio Lower Upper
70 100
42 45.2 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

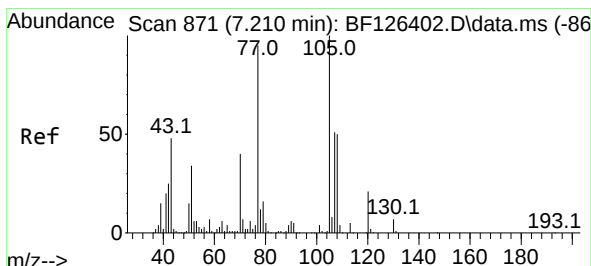
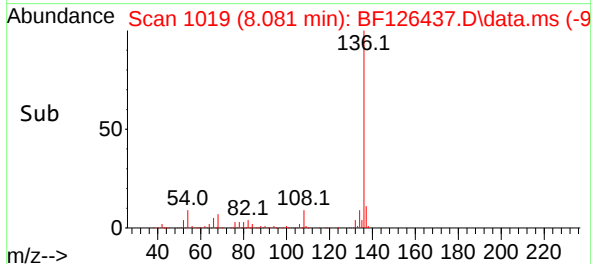
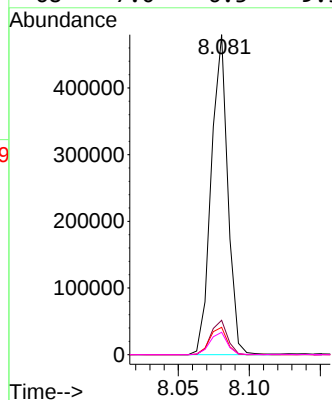
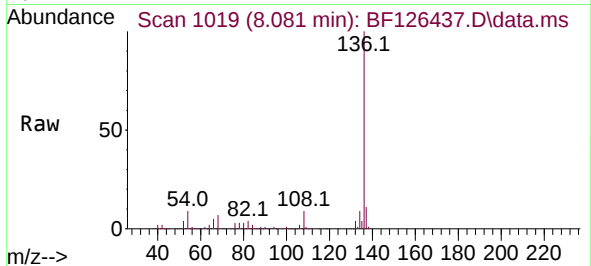




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

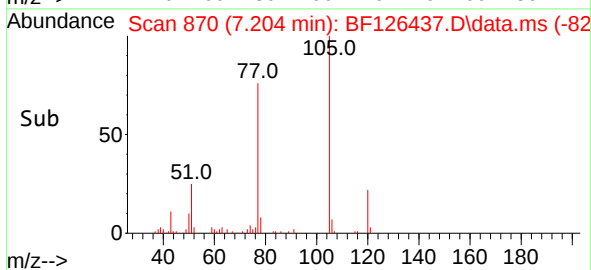
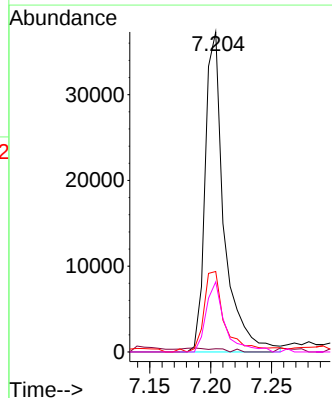
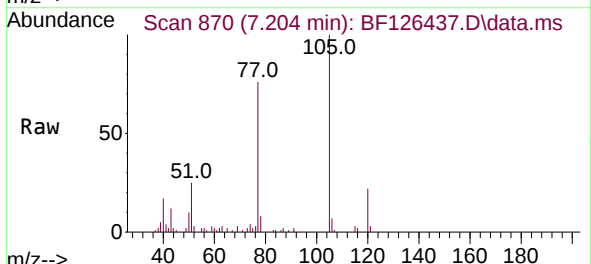
Instrument :
BNA_F
ClientSampleId :
CONC-14A

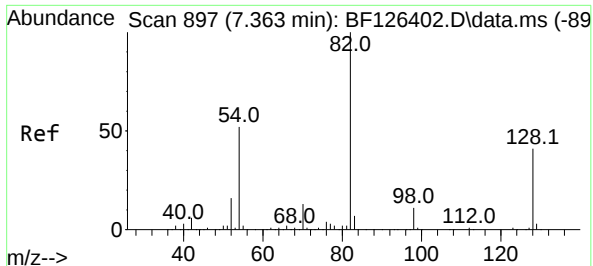
Tgt Ion:136	Resp: 390095
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.6	7.8 11.6
68 7.0	6.3 9.5



#22
Acetophenone
Concen: 4.484 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt	Ion:105	Resp:	40436
Ion	Ratio	Lower	Upper
105	100		
71	1.0	5.4	8.0#
51	25.2	27.4	41.0#
120	21.9	17.0	25.6

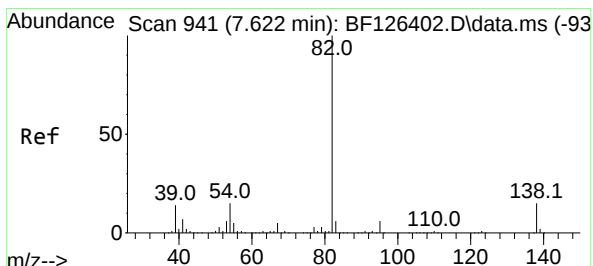
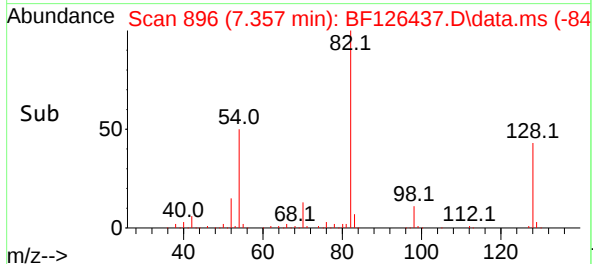
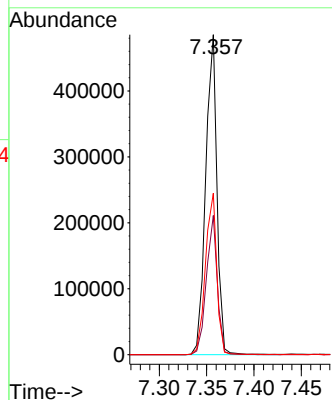
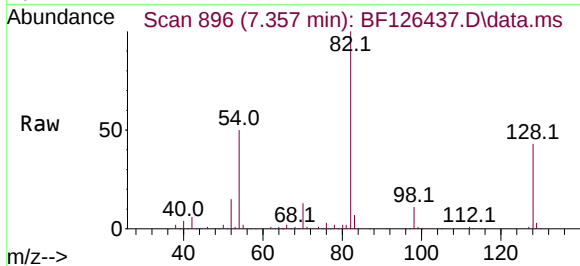




#23
Nitrobenzene-d5
Concen: 52.485 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

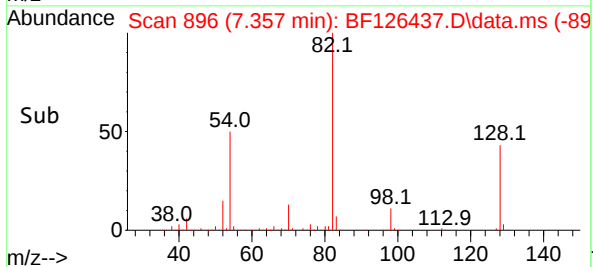
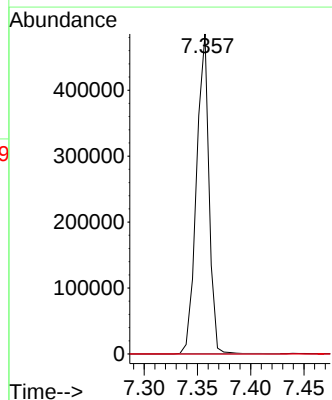
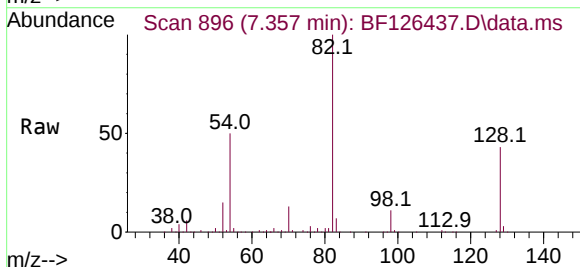
Instrument :
BNA_F
ClientSampleId :
CONC-14A

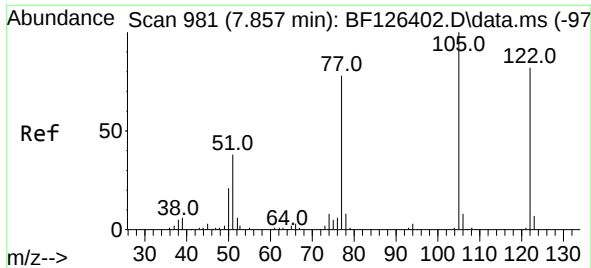
Tgt Ion: 82 Resp: 398751
Ion Ratio Lower Upper
82 100
128 43.5 32.7 49.1
54 50.5 41.7 62.5



#25
Isophorone
Concen: 29.096 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion: 82 Resp: 395710
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

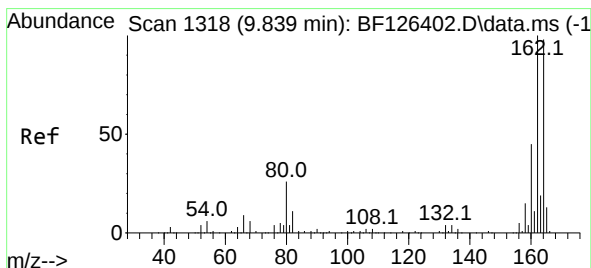
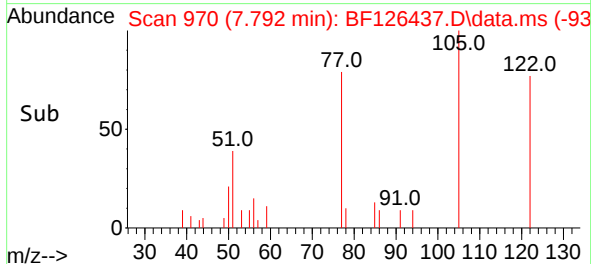
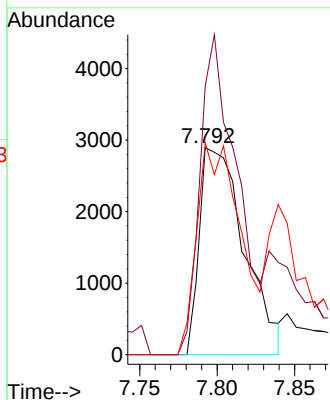
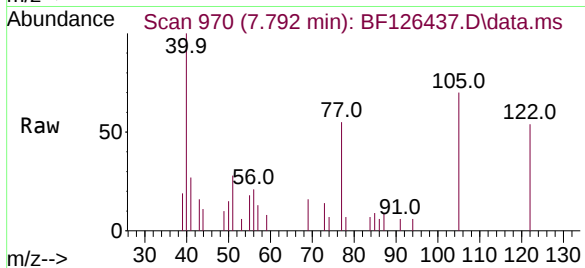




#32
Benzoic acid
Concen: 8.376 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

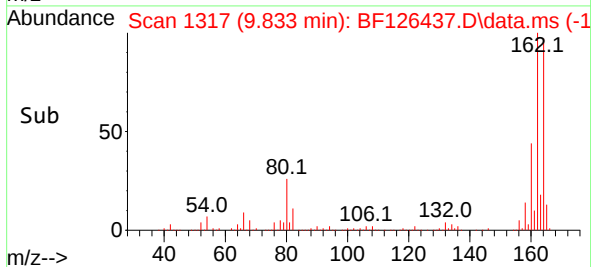
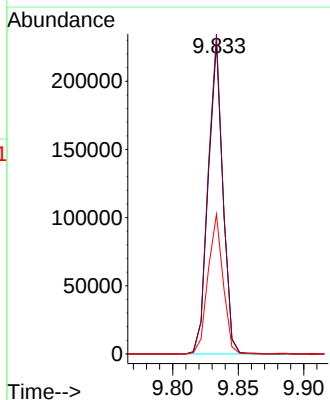
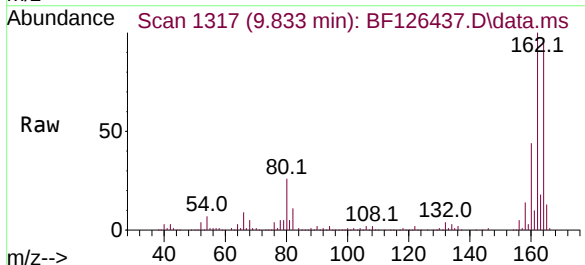
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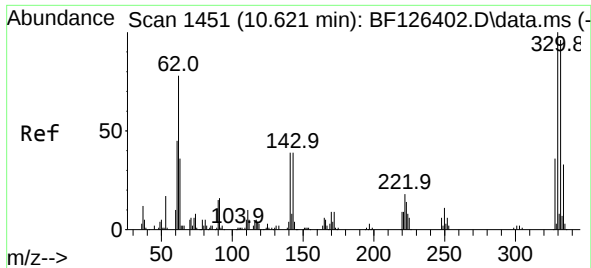
Tgt Ion:122 Resp: 5828
Ion Ratio Lower Upper
122 100
105 129.9 101.0 141.0
77 102.2 74.5 114.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

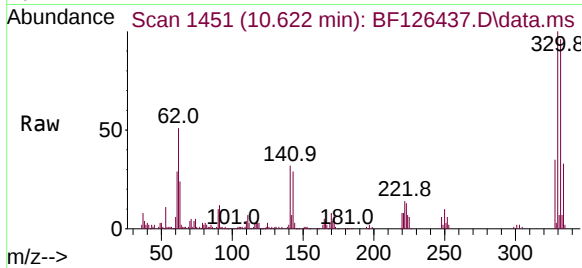
Tgt Ion:164 Resp: 177829
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 44.9 36.6 54.8



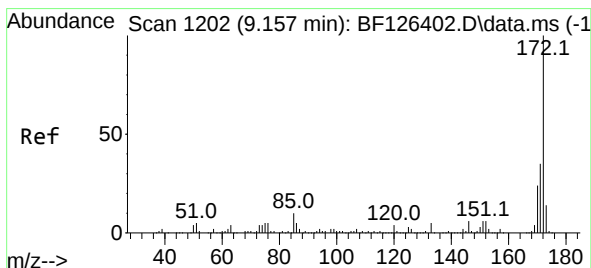
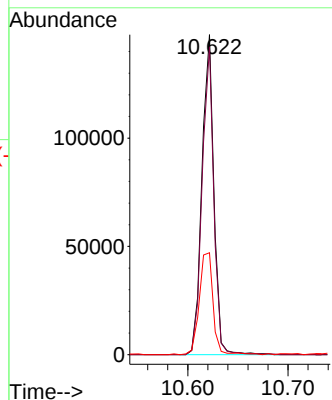
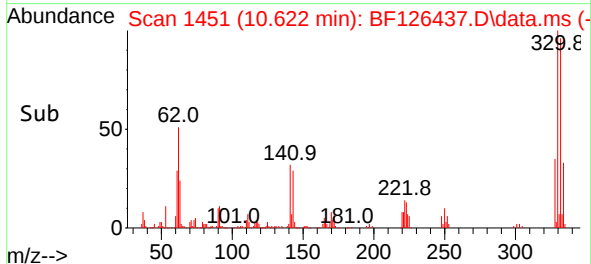


#42
2,4,6-Tribromophenol
Concen: 89.382 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

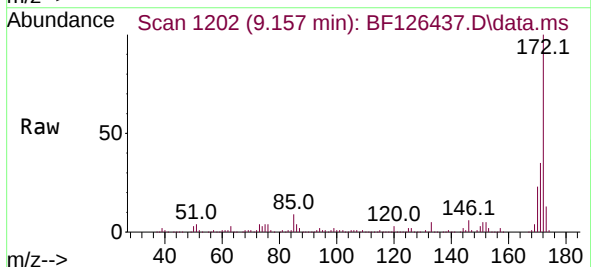
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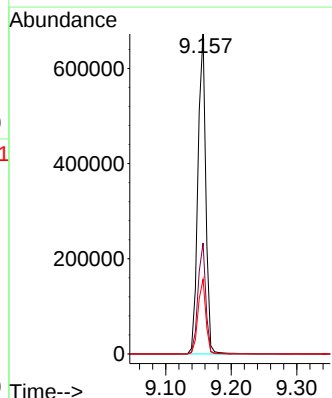
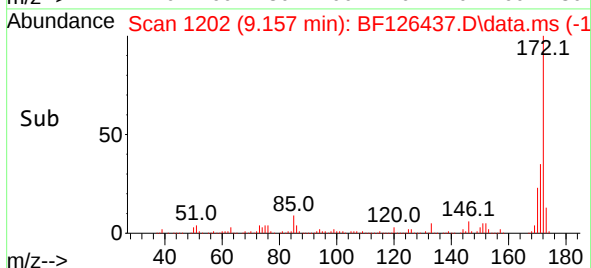
Tgt Ion:330 Resp: 122825
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 36.9 30.1 45.1

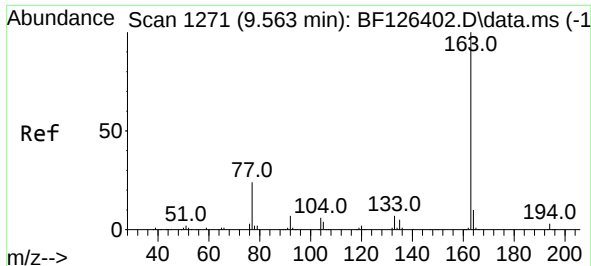


#45
2-Fluorobiphenyl
Concen: 55.782 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43



Tgt Ion:172 Resp: 563700
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.0 28.6

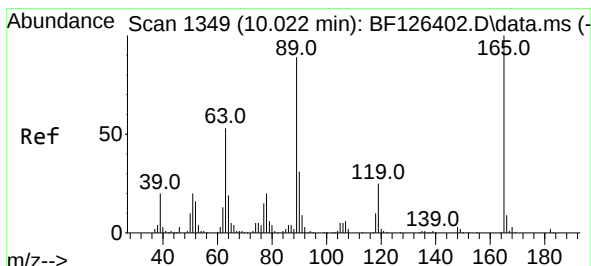
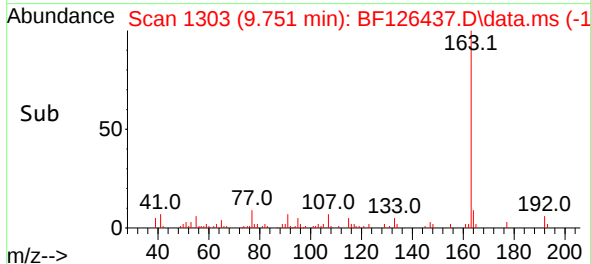
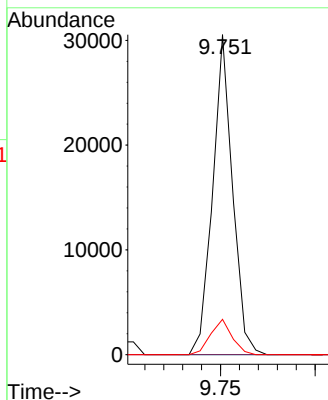
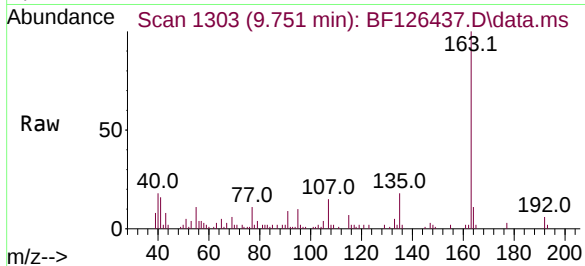




#50
Dimethylphthalate
Concen: 2.009 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

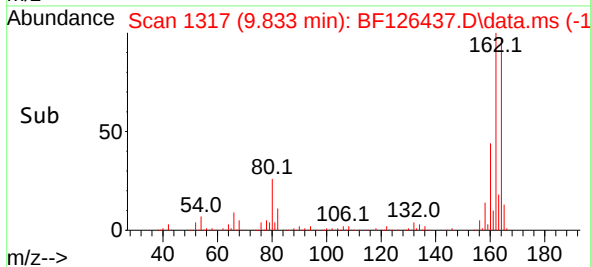
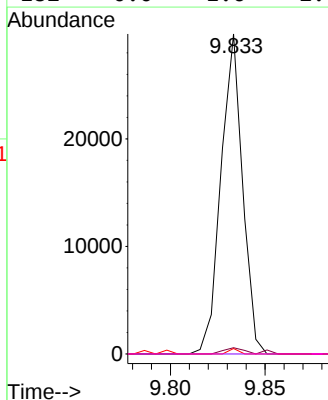
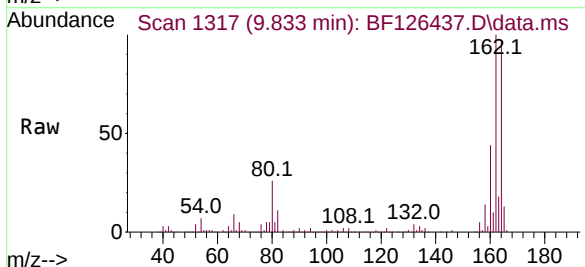
Instrument :
BNA_F
ClientSampleId :
CONC-14A

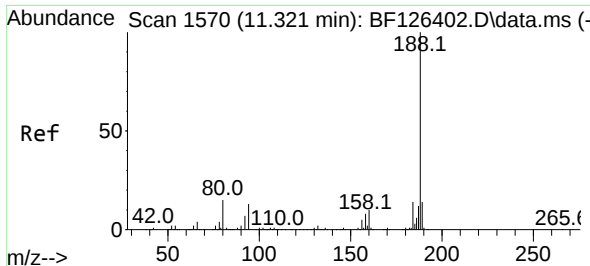
Tgt Ion:163 Resp: 22307
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 11.1 7.8 11.8



#57
2,4-Dinitrotoluene
Concen: 7.641 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:165 Resp: 23635
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#

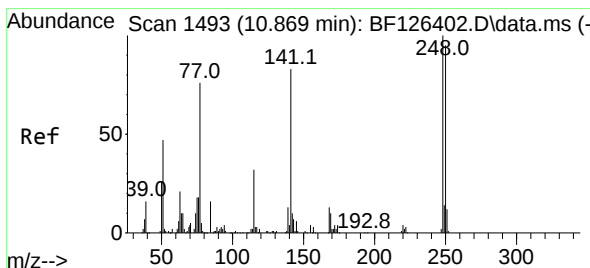
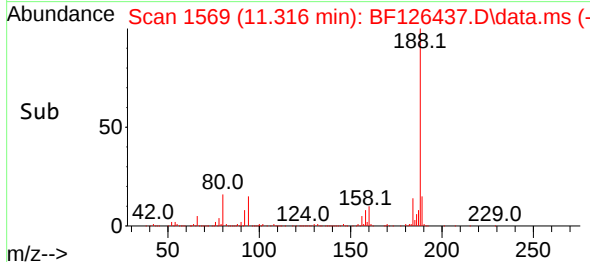
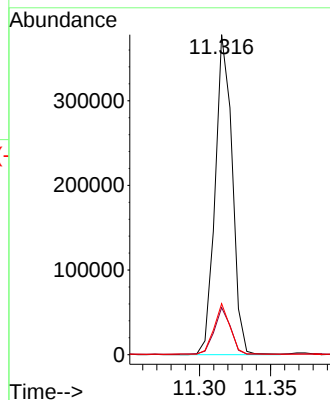
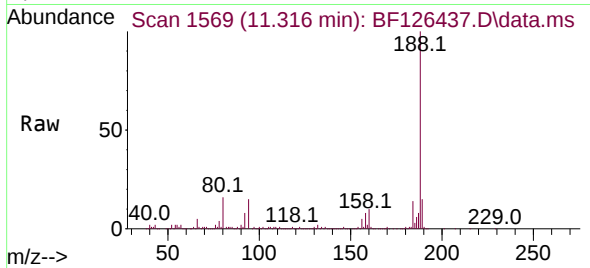




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

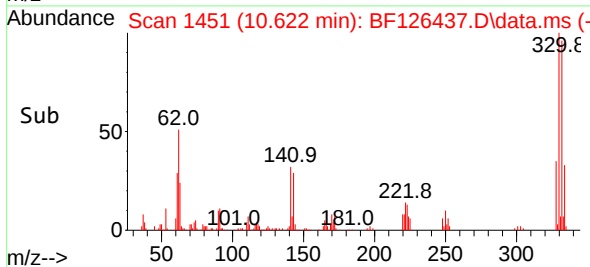
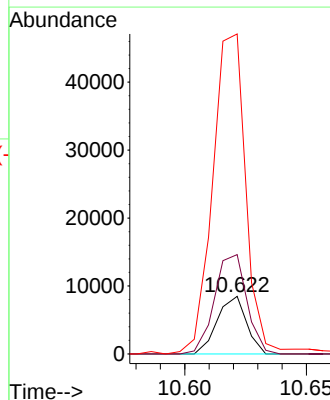
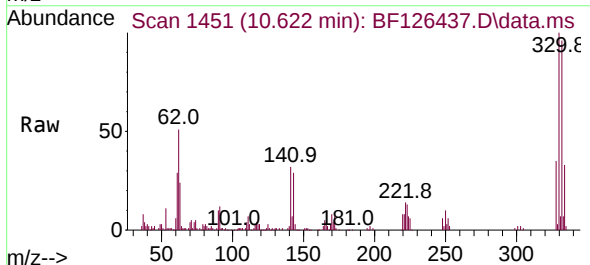
Instrument :
BNA_F
ClientSampleId :
CONC-14A

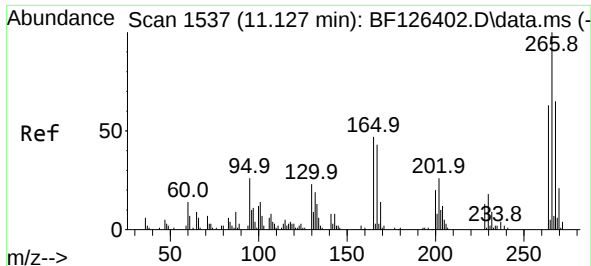
Tgt Ion:188 Resp: 315656
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 16.0 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.518 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:248 Resp: 7054
Ion Ratio Lower Upper
248 100
250 172.6 76.2 114.4#
141 555.9 66.2 99.4#

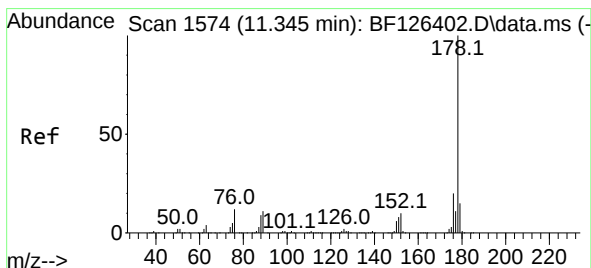
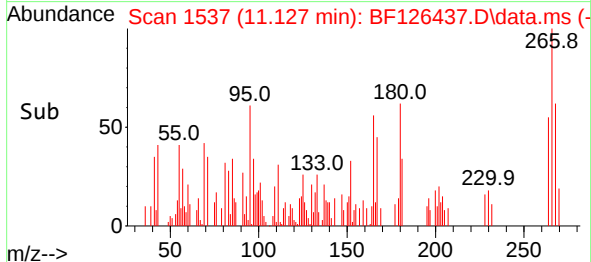
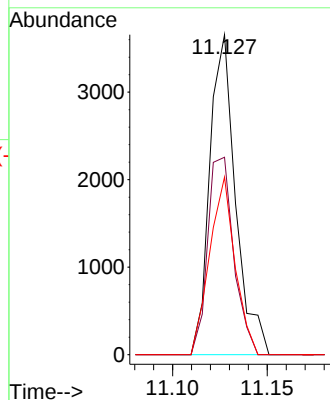
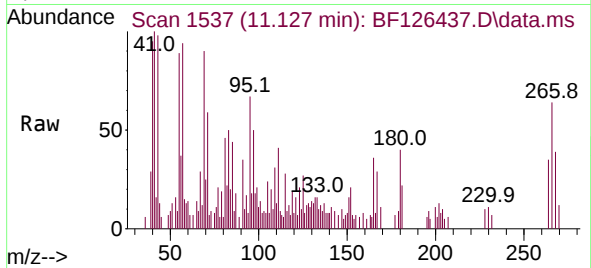




#70
Pentachlorophenol
Concen: 2.193 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

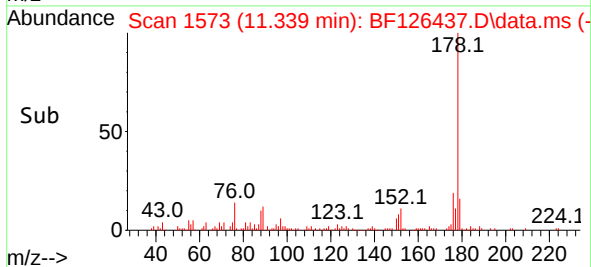
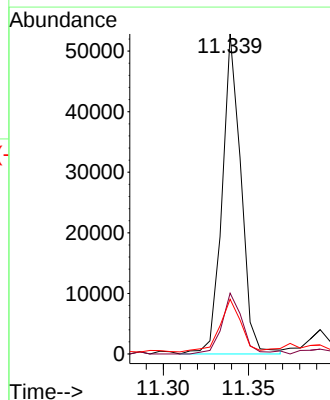
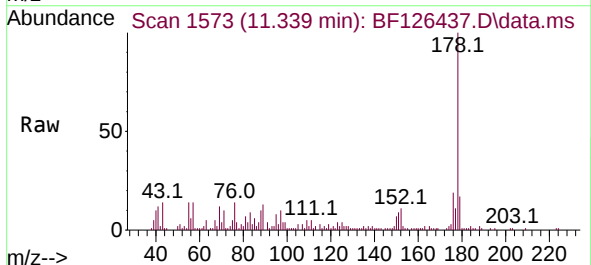
Instrument :
BNA_F
ClientSampleId :
CONC-14A

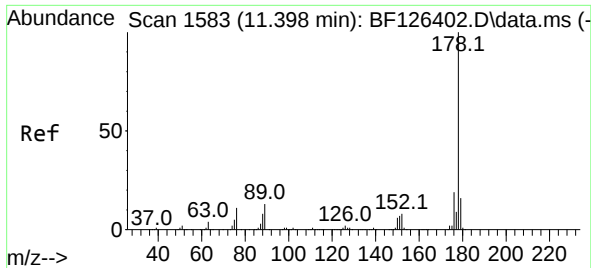
Tgt Ion:266 Resp: 3473
Ion Ratio Lower Upper
266 100
268 61.7 52.3 78.5
264 55.5 50.4 75.6



#71
Phenanthrene
Concen: 2.522 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:178 Resp: 40706
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 17.1 12.3 18.5

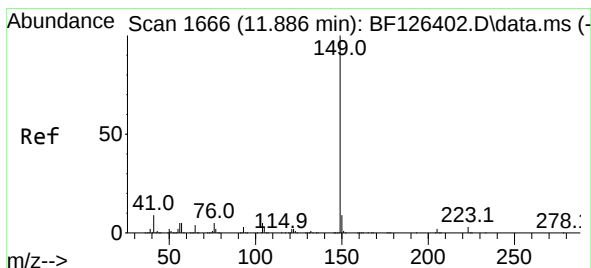
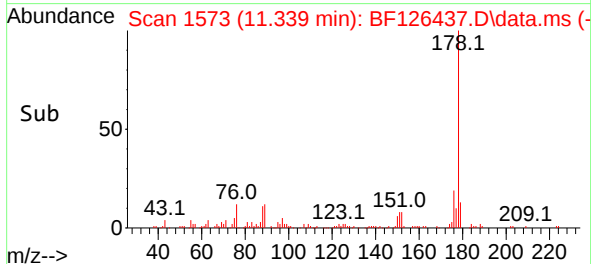
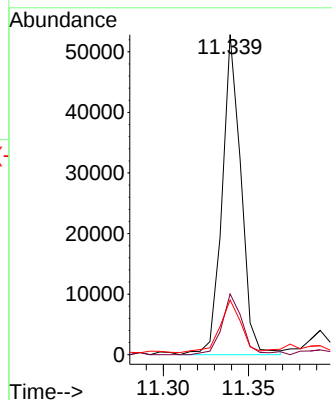
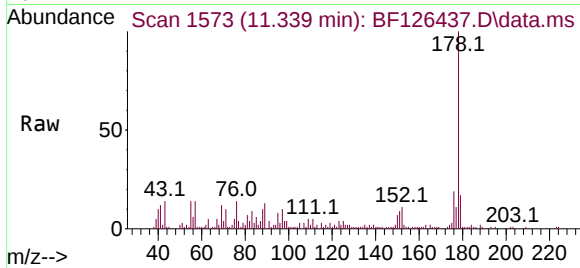




#72
 Anthracene
 Concen: 2.521 ng
 RT: 11.339 min Scan# 11
 Delta R.T. -0.059 min
 Lab File: BF126437.D
 Acq: 31 Dec 2021 00:43

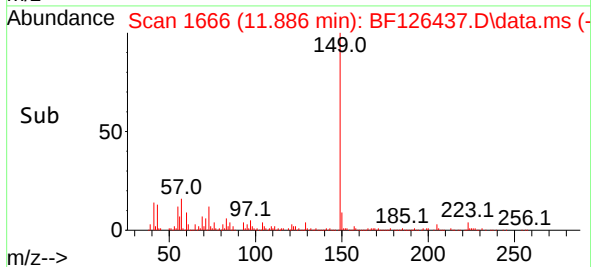
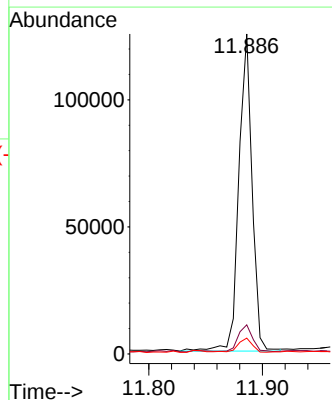
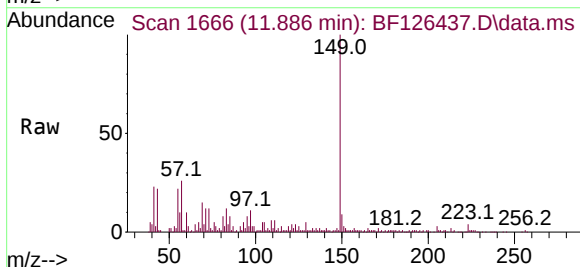
Instrument :
 BNA_F
 ClientSampleId :
 CONC-14A

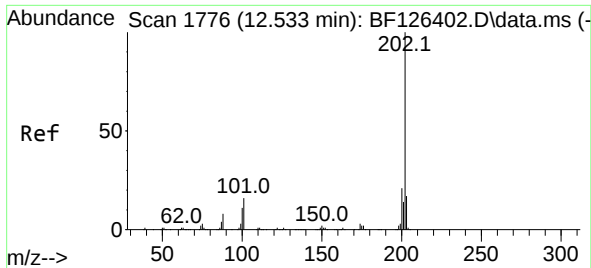
Tgt Ion:178 Resp: 40706
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.6
 179 17.1 12.5 18.7



#74
 Di-n-butylphthalate
 Concen: 5.608 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF126437.D
 Acq: 31 Dec 2021 00:43

Tgt Ion:149 Resp: 100962
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.0 4.2 6.2

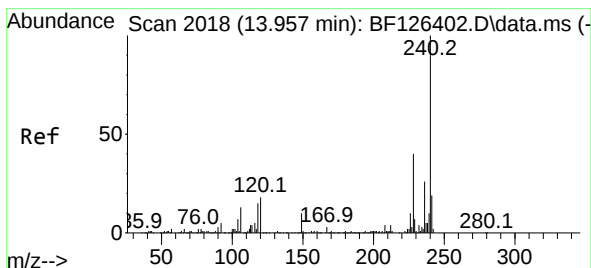
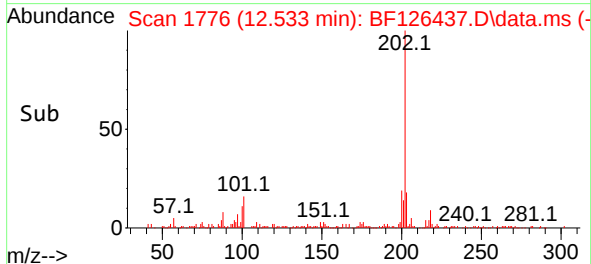
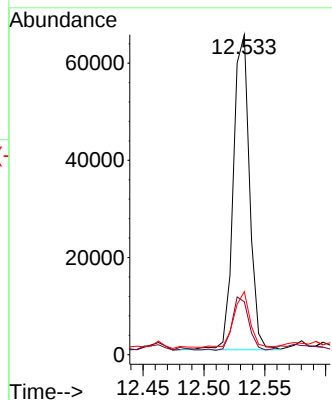
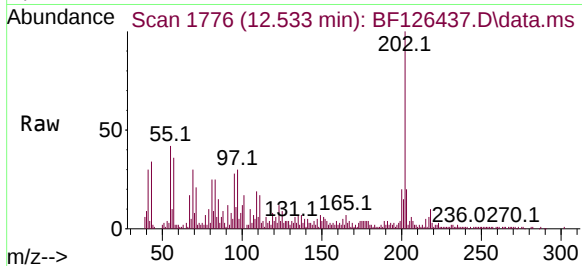




#75
Fluoranthene
Concen: 4.059 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

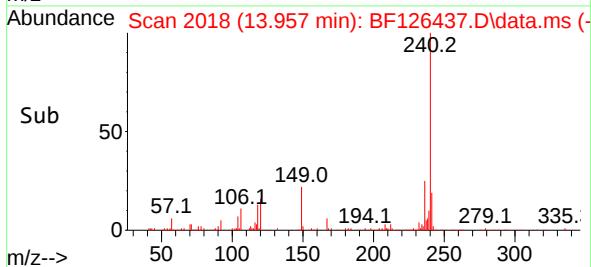
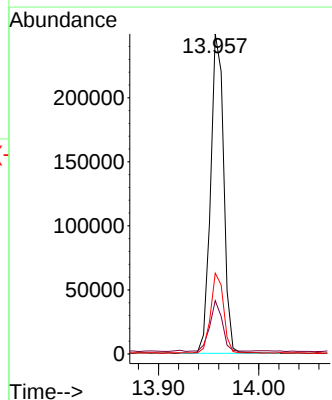
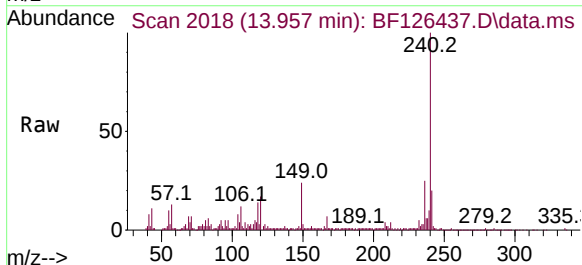
Instrument :
BNA_F
ClientSampleId :
CONC-14A

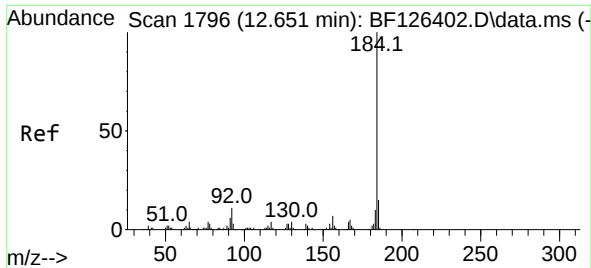
Tgt Ion:202 Resp: 59786
Ion Ratio Lower Upper
202 100
101 16.5 0.0 35.7
203 19.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:240 Resp: 226634
Ion Ratio Lower Upper
240 100
120 16.7 14.4 21.6
236 25.2 20.5 30.7

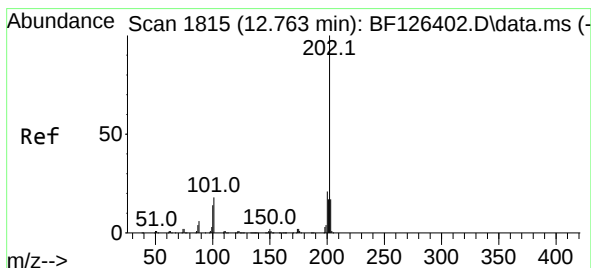
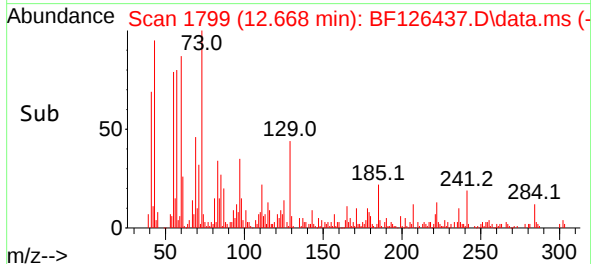
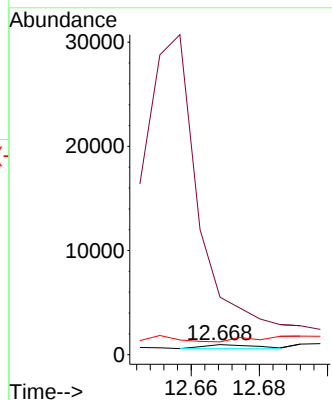
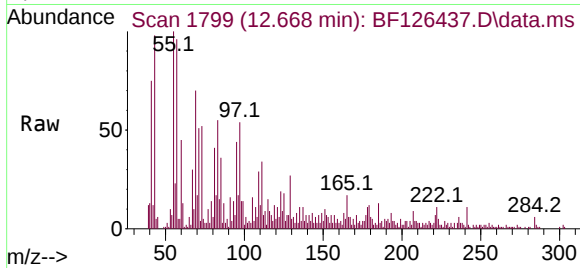




#77
Benzidine
Concen: Below Cal
RT: 12.668 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

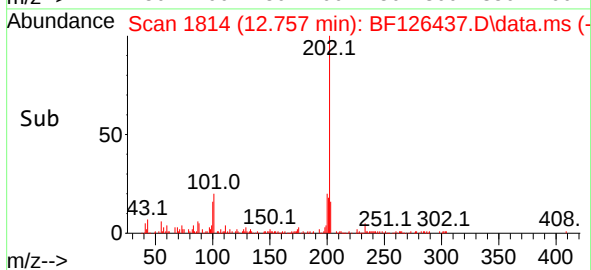
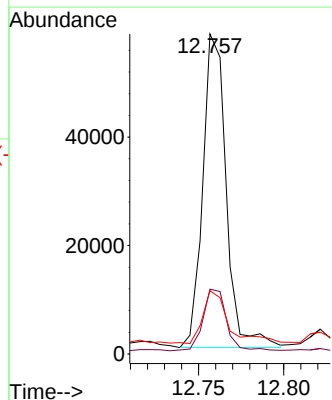
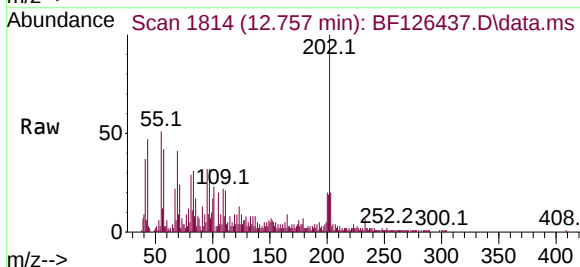
Instrument :
BNA_F
ClientSampleId :
CONC-14A

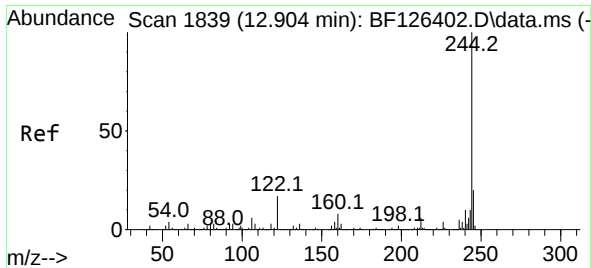
Tgt Ion:184 Resp: 394
Ion Ratio Lower Upper
184 100
185 568.6 11.8 17.8#
183 126.3 8.2 12.2#



#78
Pyrene
Concen: 2.894 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF126437.D
Acq: 31 Dec 2021 00:43

Tgt Ion:202 Resp: 55423
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 19.8 13.8 20.8

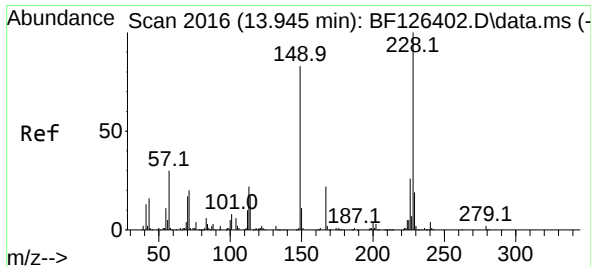
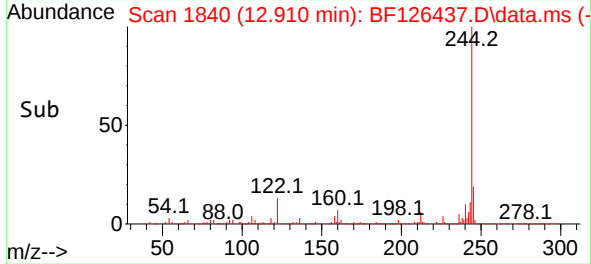
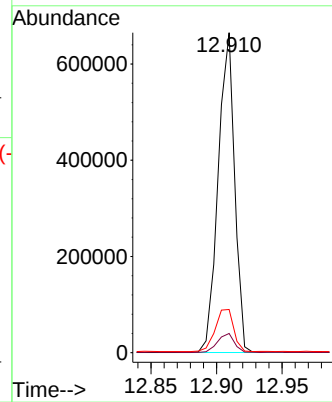
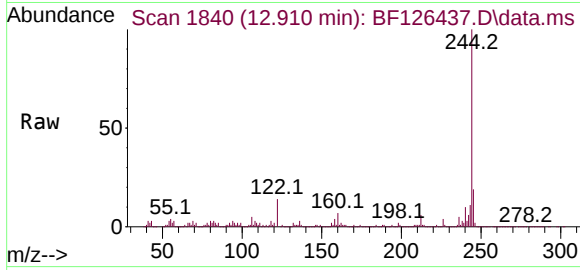




#79
 Terphenyl-d14
 Concen: 49.761 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126437.D
 Acq: 31 Dec 2021 00:43

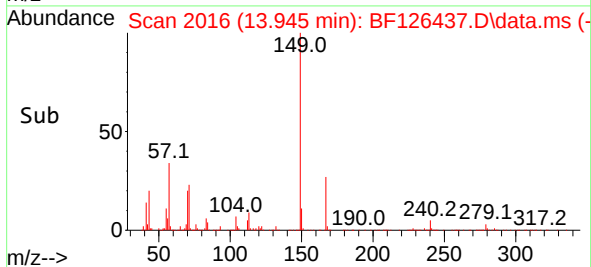
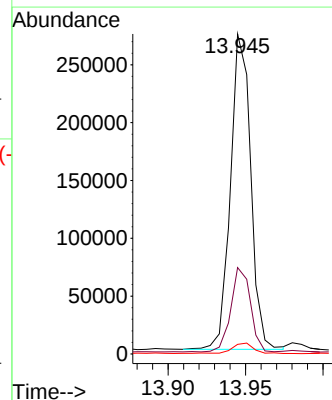
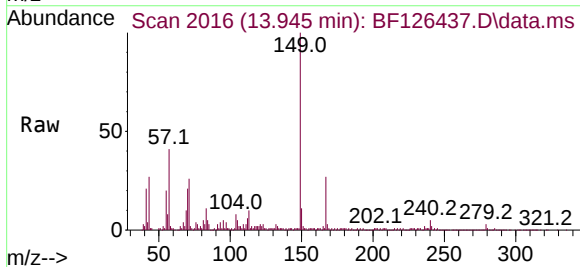
Instrument :
 BNA_F
 ClientSampleId :
 CONC-14A

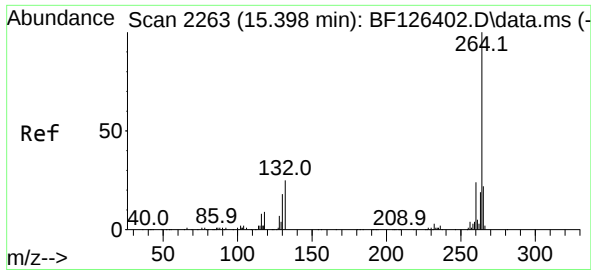
Tgt Ion:244 Resp: 580433
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 13.5 13.3 19.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.158 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BF126437.D
 Acq: 31 Dec 2021 00:43

Tgt Ion:149 Resp: 247656
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.2
 279 3.0 2.4 3.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126437.D

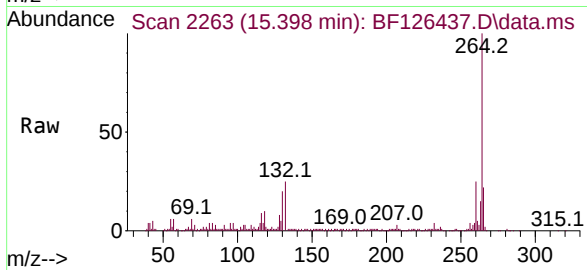
Acq: 31 Dec 2021 00:43

Instrument :

BNA_F

ClientSampleId :

CONC-14A



Tgt Ion:264 Resp: 176991

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.3 17.4 26.2

