

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126433.D
 Acq On : 30 Dec 2021 22:36
 Operator : JU/CG
 Sample : M5244-45
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-14E

Quant Time: Dec 31 00:38:52 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)

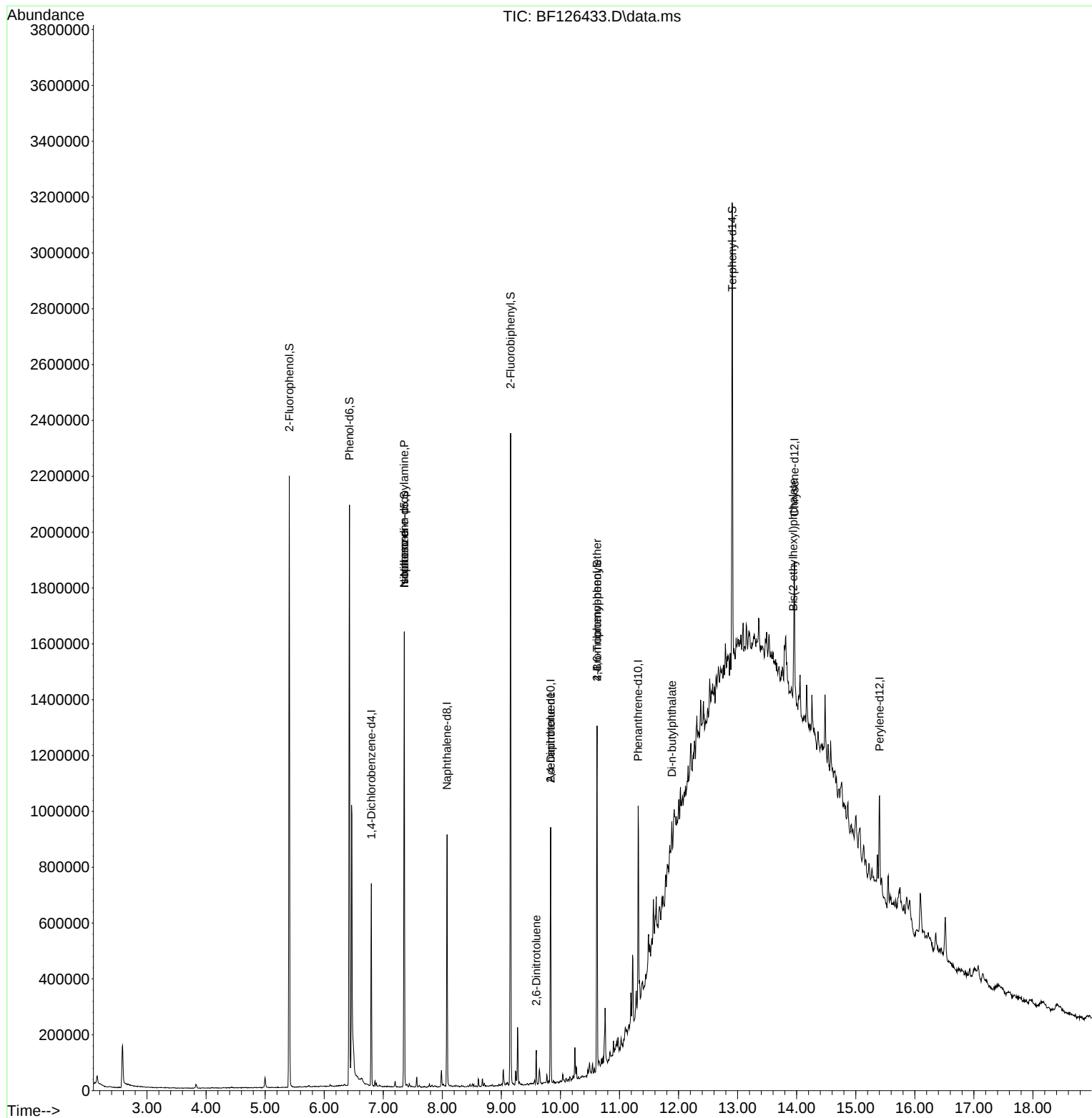
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	366178	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	163647	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	257227	20.000	ng	0.00
76) Chrysene-d12	13.963	240	194419	20.000	ng	0.00
86) Perylene-d12	15.404	264	168092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	601763	91.455	ng	0.00
7) Phenol-d6	6.428	99	733880	86.113	ng	0.00
23) Nitrobenzene-d5	7.357	82	488301	68.470	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	137797	108.967	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	676594	72.755	ng	0.00
79) Terphenyl-d14	12.910	244	639530	63.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	60888	12.520	ng	# 81
25) Isophorone	7.357	82	485070	37.996	ng	# 69
51) 2,6-Dinitrotoluene	9.592	165	9397	4.259	ng	# 20
57) 2,4-Dinitrotoluene	9.833	165	21154	7.432	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	7911	3.465	ng	# 1
74) Di-n-butylphthalate	11.886	149	48573	3.311	ng	# 97
77) Benzidine	12.639	184	612	Below Cal		# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	54146	7.176	ng	100

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

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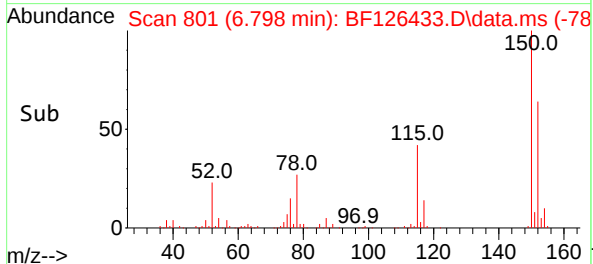
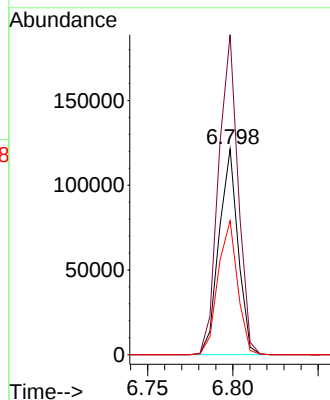
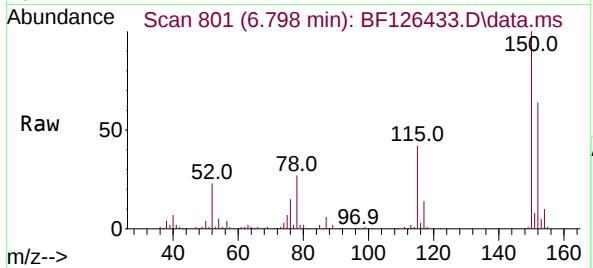




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

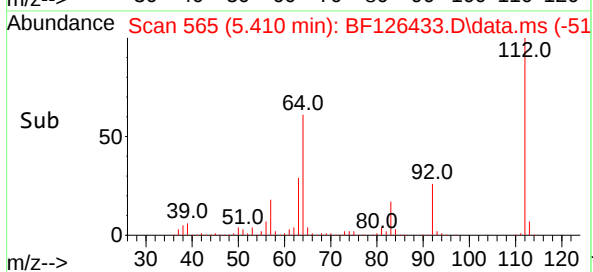
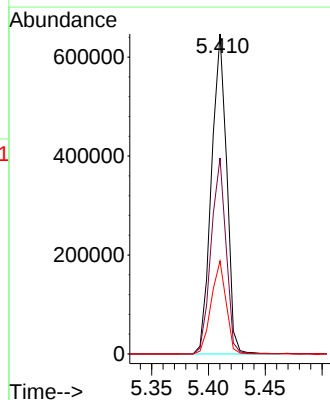
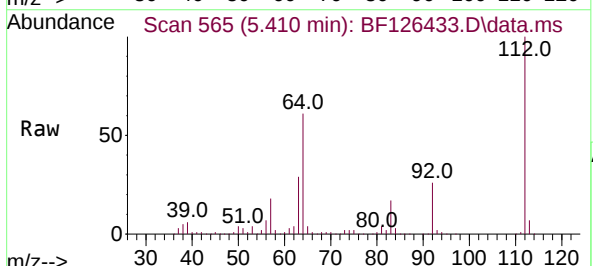
Instrument :
BNA_F
ClientSampleId :
CONC-14E

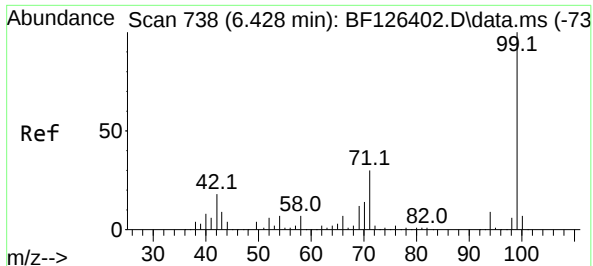
Tgt Ion:152 Resp: 94491
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 65.1 56.7 85.1



#5
2-Fluorophenol
Concen: 91.455 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion:112 Resp: 601763
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 29.0 23.9 35.9

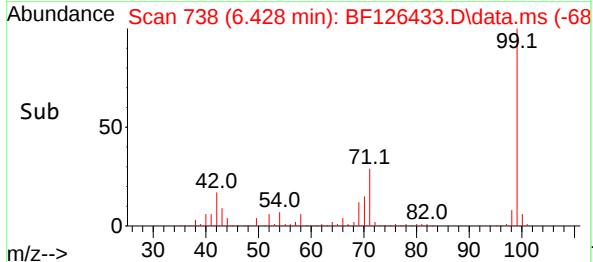
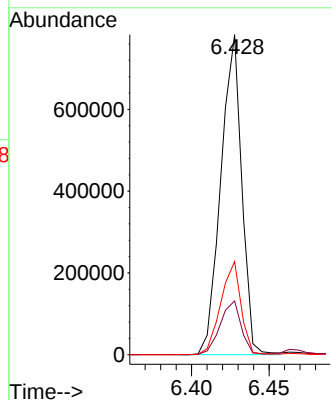
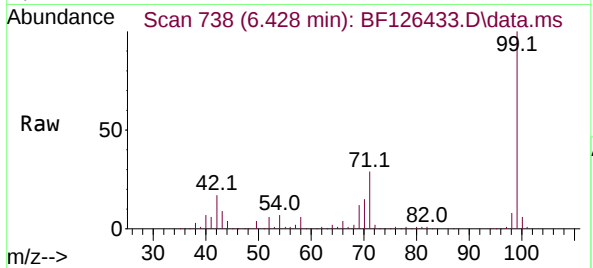




#7
Phenol-d6
Concen: 86.113 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

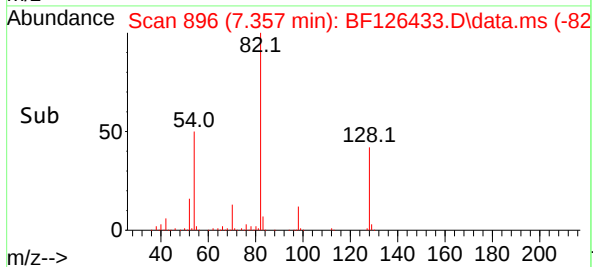
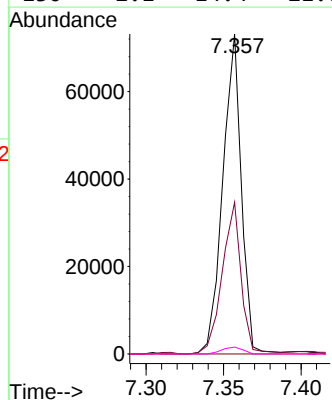
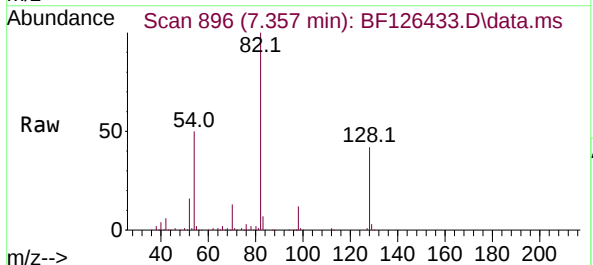
Instrument :
BNA_F
ClientSampleId :
CONC-14E

Tgt Ion: 99 Resp: 733880
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 29.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.520 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 70 Resp: 60888
Ion Ratio Lower Upper
70 100
42 47.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

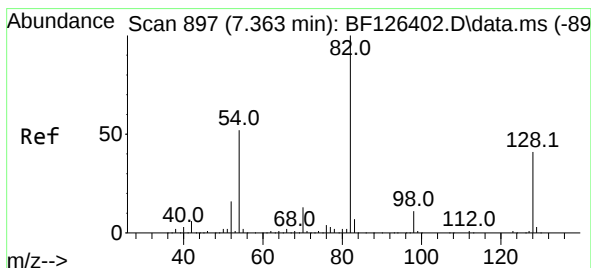
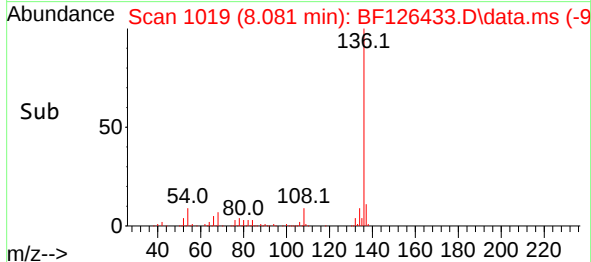
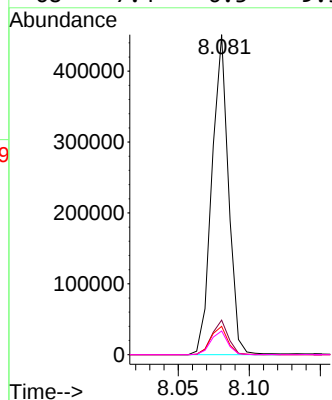
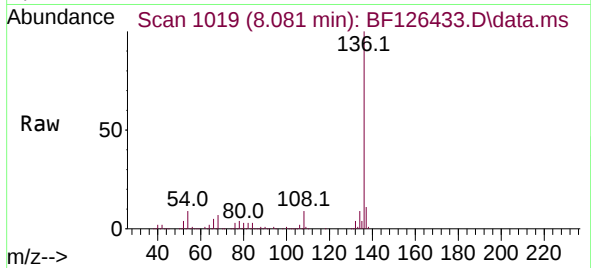




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

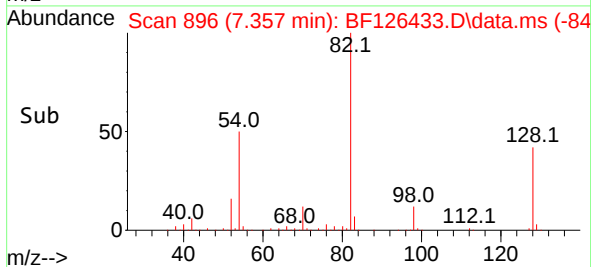
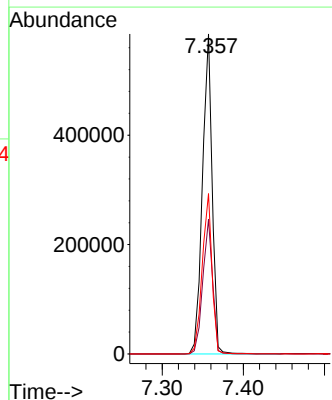
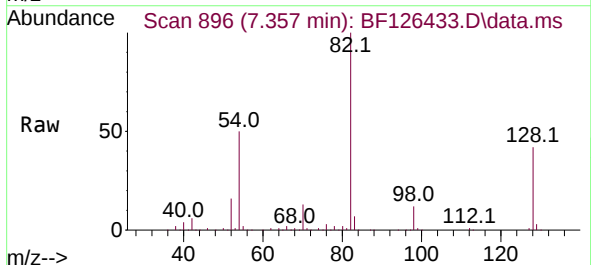
Instrument :
BNA_F
ClientSampleId :
CONC-14E

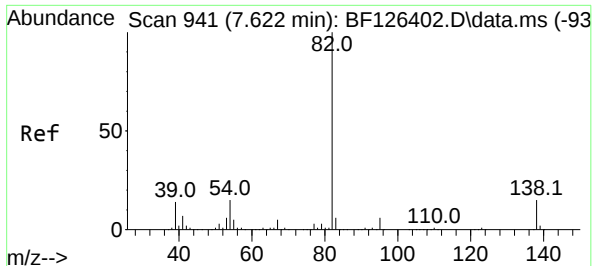
Tgt	Ion:136	Resp:	366178
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.8	11.6
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 68.470 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 82	Resp: 488301
Ion Ratio	Lower Upper
82 100	
128 42.1	32.7 49.1
54 50.1	41.7 62.5

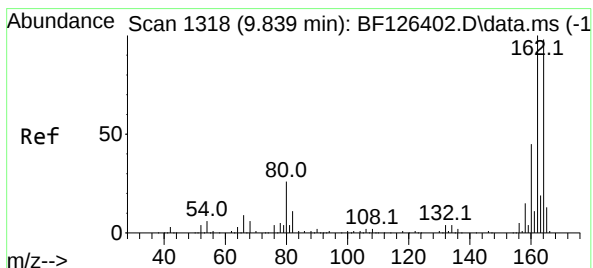
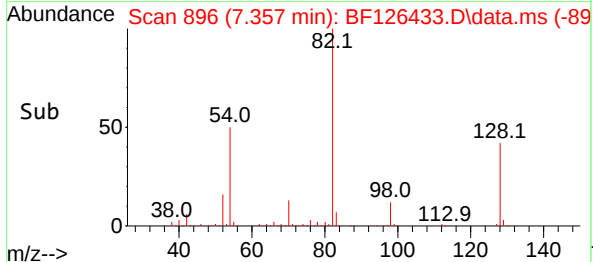
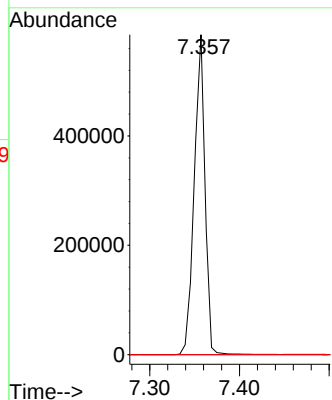
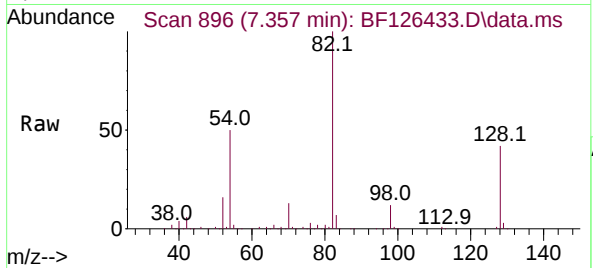




#25
Isophorone
Concen: 37.996 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

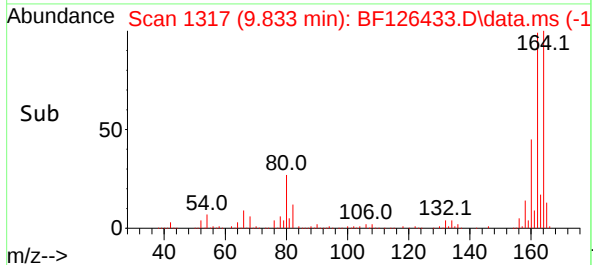
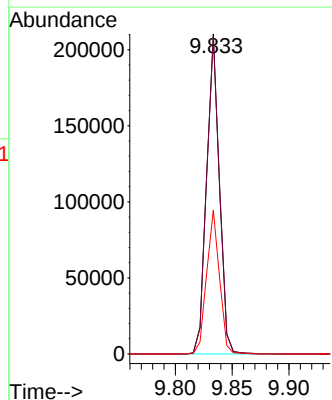
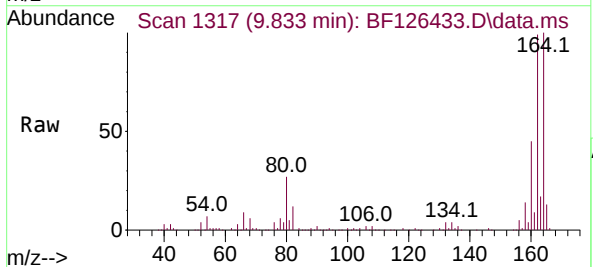
Instrument :
BNA_F
ClientSampleId :
CONC-14E

Tgt Ion: 82 Resp: 485070
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

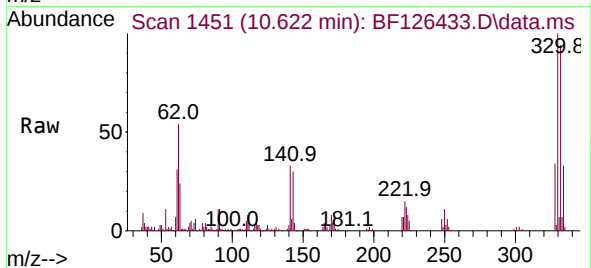
Tgt Ion:164 Resp: 163647
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 45.0 36.6 54.8



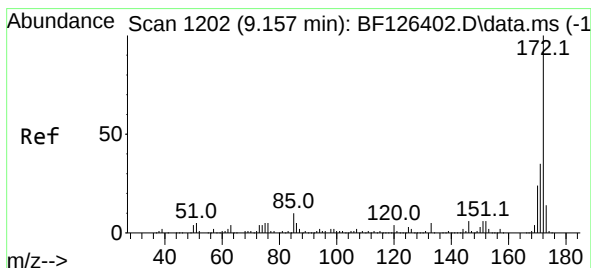
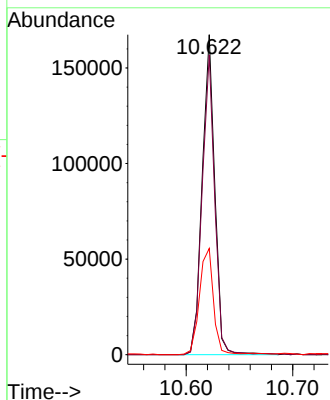
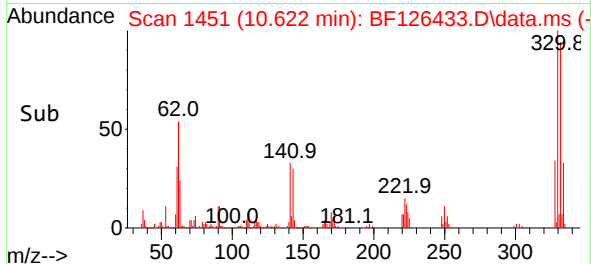


#42
2,4,6-Tribromophenol
Concen: 108.967 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

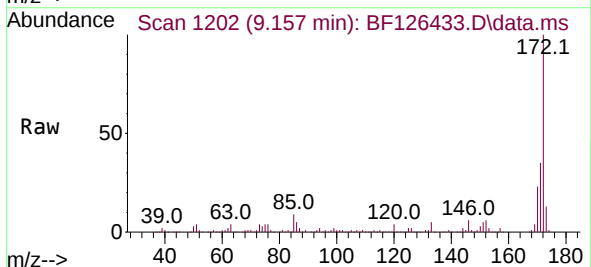
Instrument :
BNA_F
ClientSampleId :
CONC-14E



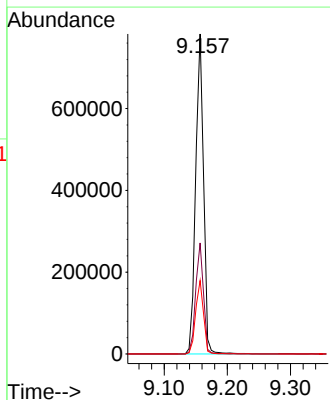
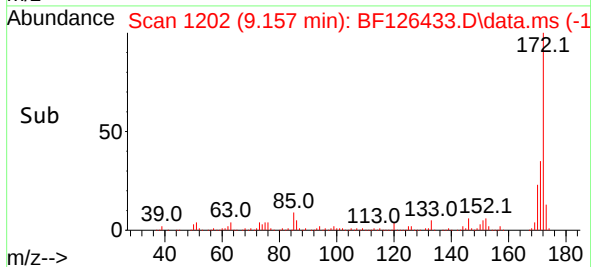
Tgt Ion:330 Resp: 137797
Ion Ratio Lower Upper
330 100
332 94.0 76.0 114.0
141 37.0 30.1 45.1

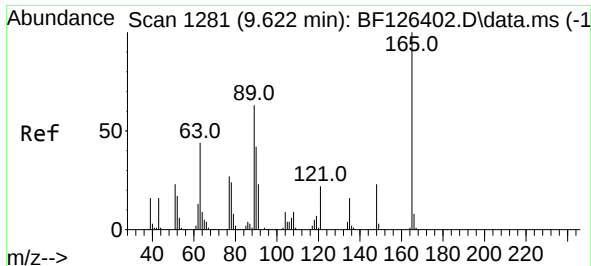


#45
2-Fluorobiphenyl
Concen: 72.755 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36



Tgt Ion:172 Resp: 676594
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 4.259 ng

RT: 9.592 min Scan# 1317

Delta R.T. -0.029 min

Lab File: BF126433.D

Acq: 30 Dec 2021 22:36

Instrument :

BNA_F

ClientSampleId :

CONC-14E

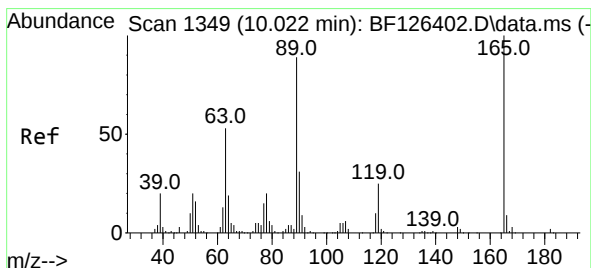
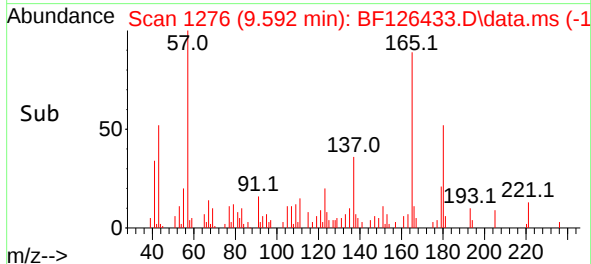
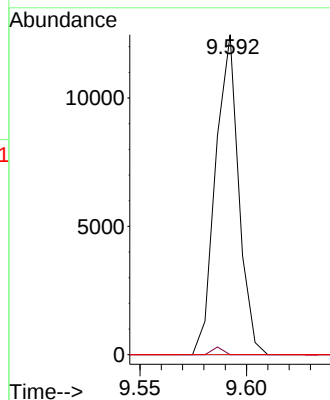
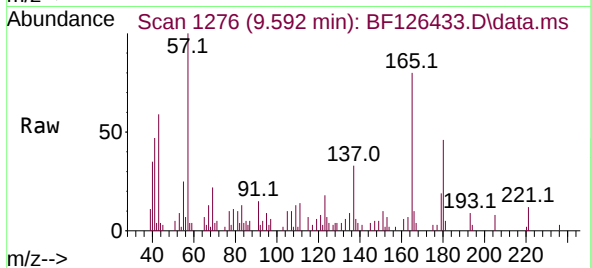
Tgt Ion:165 Resp: 9397

Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 0.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.432 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126433.D

Acq: 30 Dec 2021 22:36

Tgt Ion:165 Resp: 21154

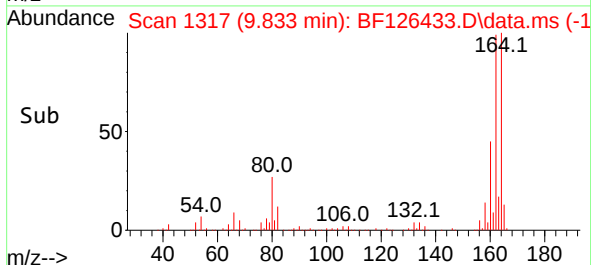
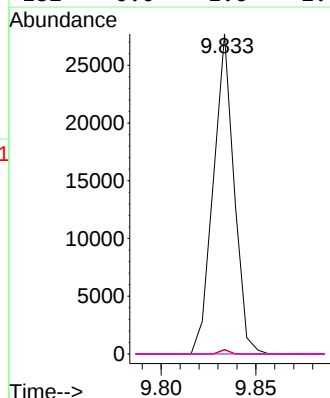
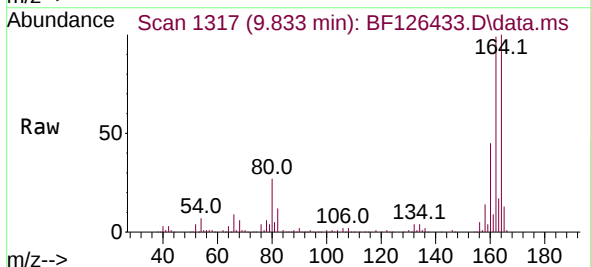
Ion Ratio Lower Upper

165 100

63 1.4 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

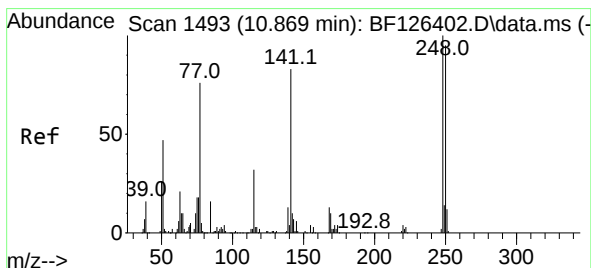
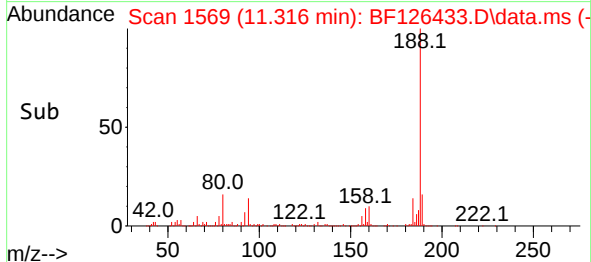
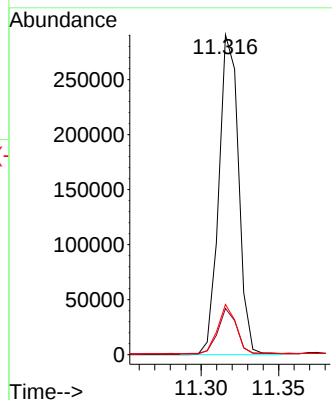
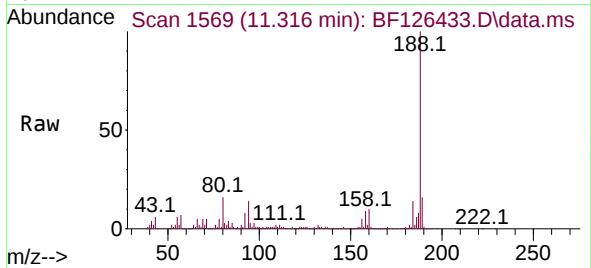




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

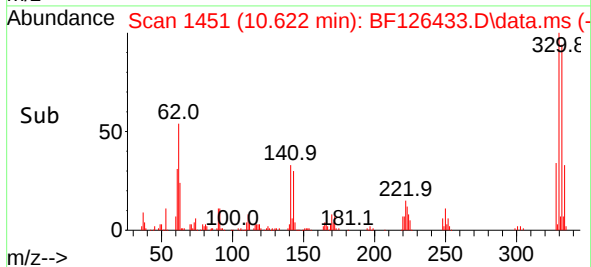
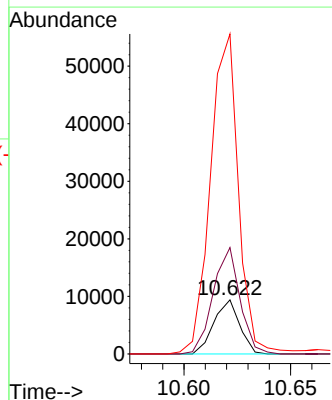
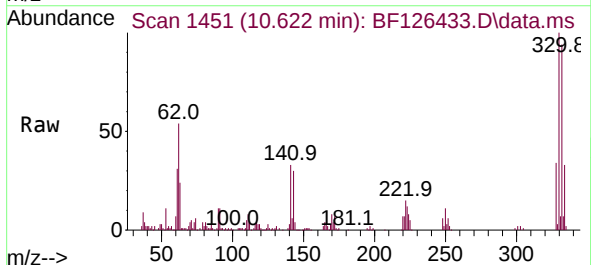
Instrument :
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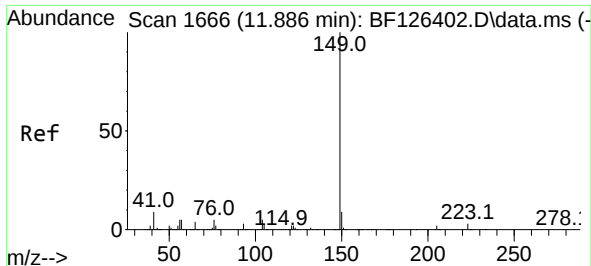
Tgt Ion:188 Resp: 257227
Ion Ratio Lower Upper
188 100
94 14.5 10.1 15.1
80 15.7 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.465 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion:248 Resp: 7911
Ion Ratio Lower Upper
248 100
250 196.6 76.2 114.4#
141 591.5 66.2 99.4#

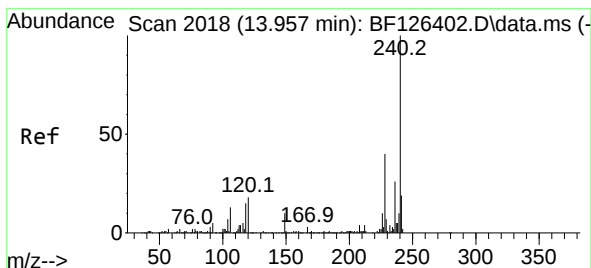
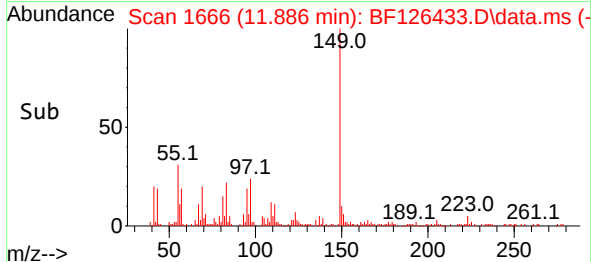
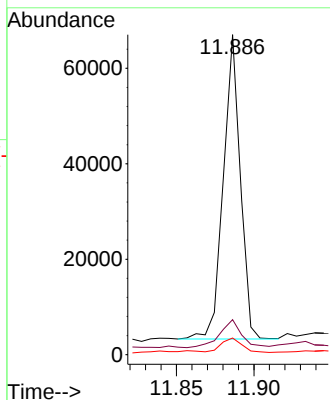
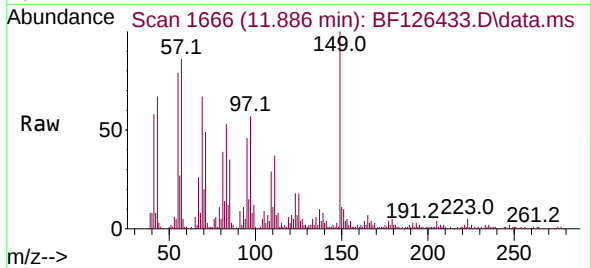




#74
Di-n-butylphthalate
Concen: 3.311 ng
RT: 11.886 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

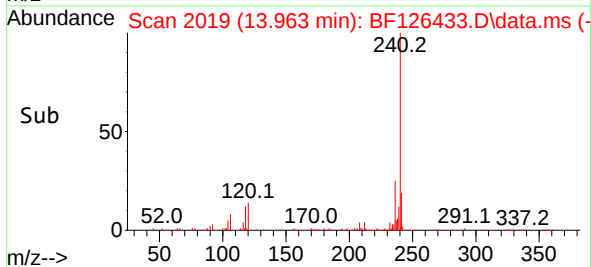
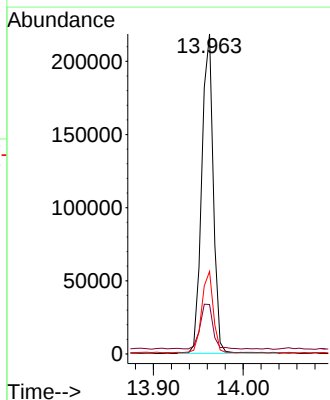
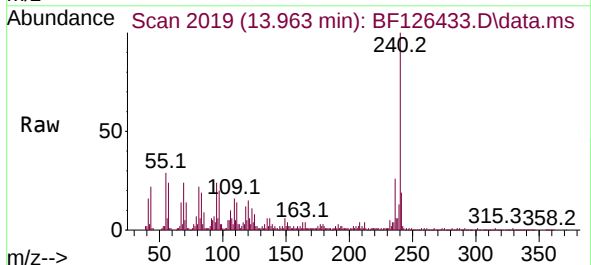
Instrument :
BNA_F
ClientSampleId :
CONC-14E

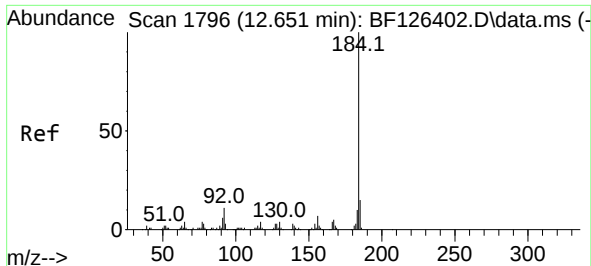
Tgt Ion:149 Resp: 48573
Ion Ratio Lower Upper
149 100
150 11.0 7.2 10.8#
104 5.2 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion:240 Resp: 194419
Ion Ratio Lower Upper
240 100
120 15.4 14.4 21.6
236 25.8 20.5 30.7

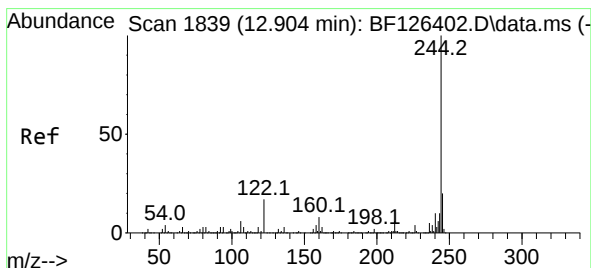
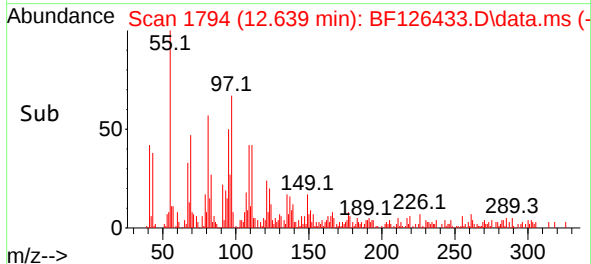
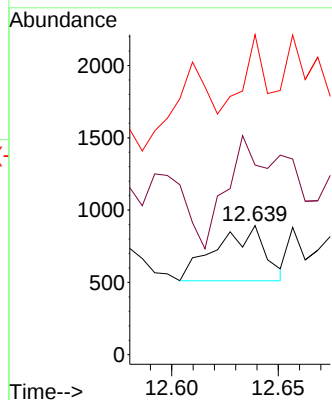
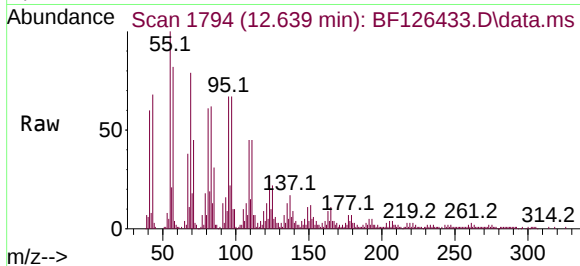




#77
Benzidine
Concen: Below Cal
RT: 12.639 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

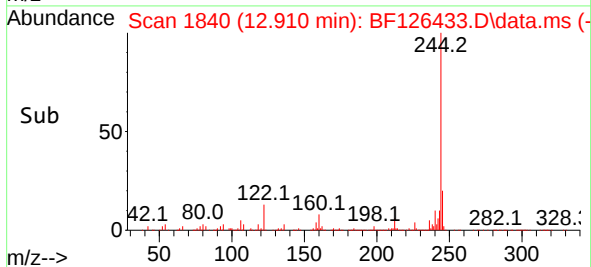
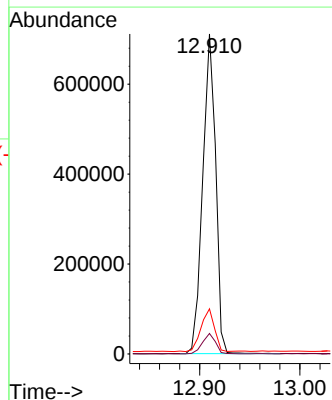
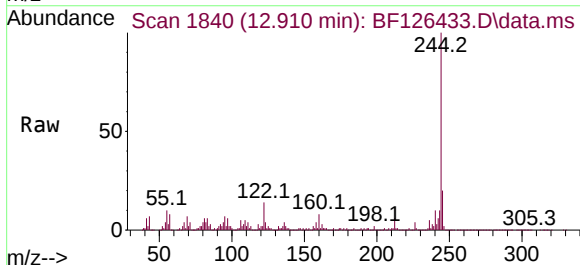
Instrument :
BNA_F
ClientSampleId :
CONC-14E

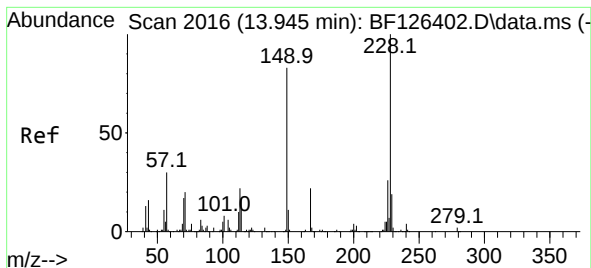
Tgt Ion:184 Resp: 612
Ion Ratio Lower Upper
184 100
185 146.8 11.8 17.8#
183 247.8 8.2 12.2#



#79
Terphenyl-d14
Concen: 63.912 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126433.D
Acq: 30 Dec 2021 22:36

Tgt Ion:244 Resp: 639530
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.1 13.3 19.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.176 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF126433.D

Acq: 30 Dec 2021 22:36

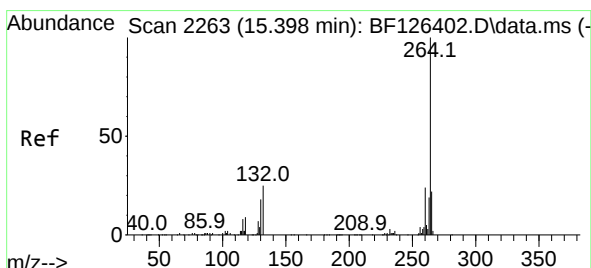
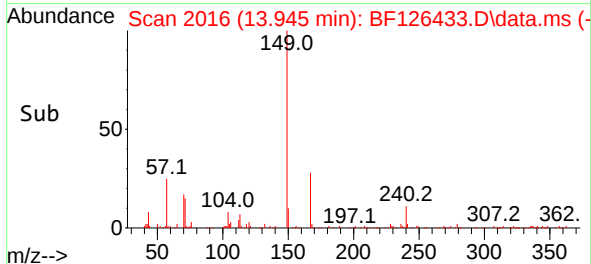
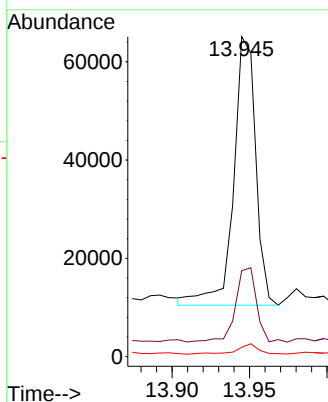
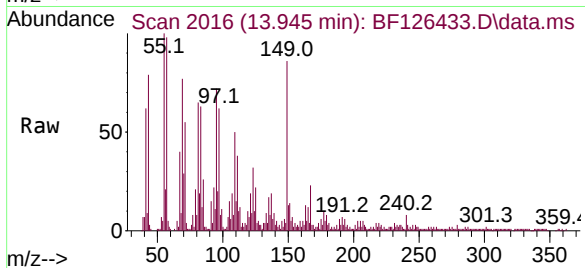
Instrument :

BNA_F

ClientSampleId :

CONC-14E

Tgt Ion:	149	Resp:	54146
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.4	32.2
279	2.9	2.4	3.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF126433.D

Acq: 30 Dec 2021 22:36

Tgt Ion:	264	Resp:	168092
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	21.2	17.4	26.2

