

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126444.D
 Acq On : 31 Dec 2021 4:26
 Operator : JU/CG
 Sample : M5244-37 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-13B

Quant Time: Dec 31 05:39:23 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)

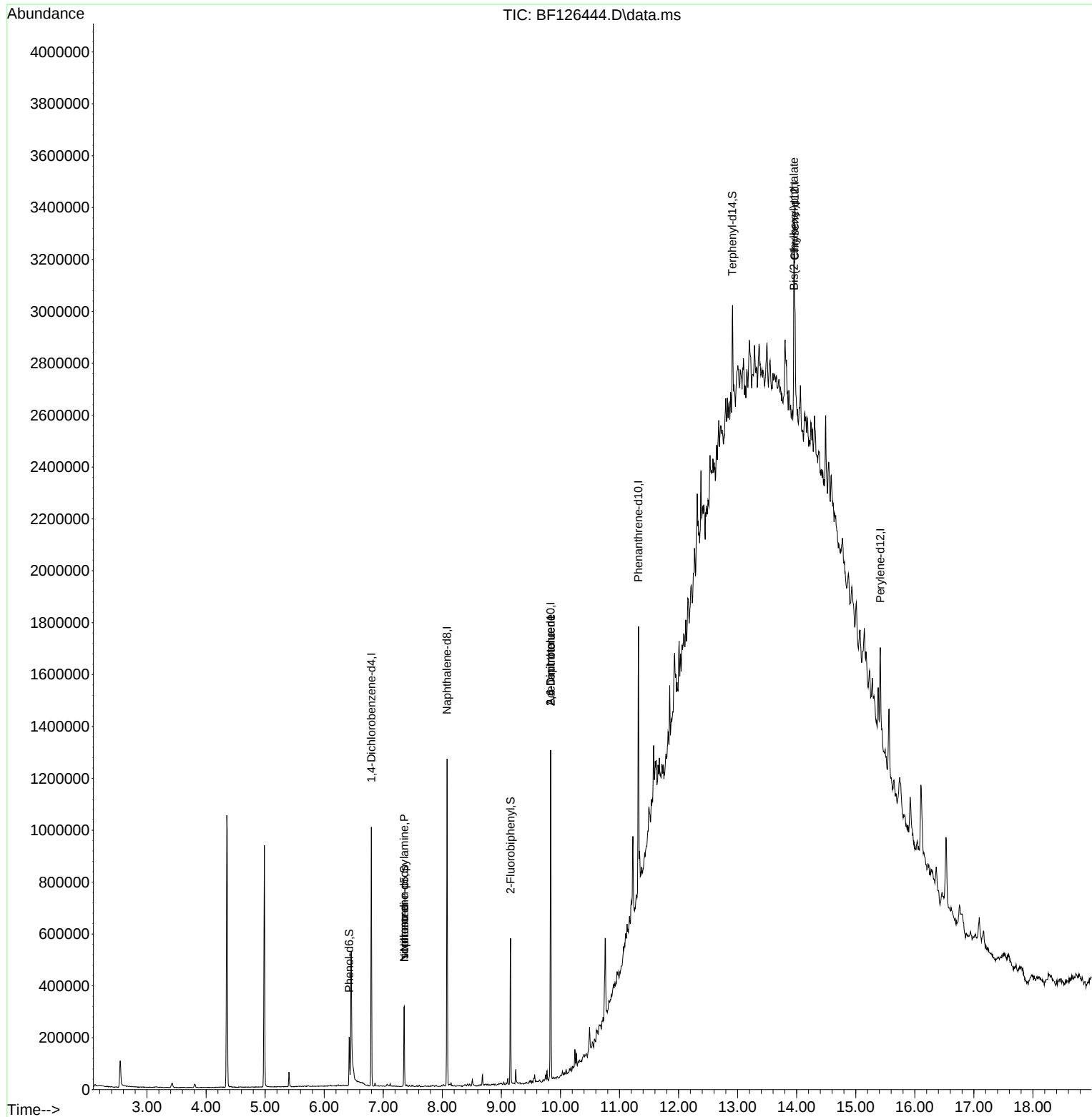
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	126284	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	493020	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	235950	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	390688	20.000	ng	0.00
76) Chrysene-d12	13.968	240	193716	20.000	ng	0.01
86) Perylene-d12	15.415	264	172243	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	16255	1.848	ng	0.00
7) Phenol-d6	6.422	99	74544	6.545	ng	0.00
23) Nitrobenzene-d5	7.357	82	99870	10.401	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	1695	0.930	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	167613	12.501	ng	0.00
79) Terphenyl-d14	12.910	244	126839	12.722	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.357	70	13373	2.058	ng	# 78
25) Isophorone	7.357	82	99734	5.802	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	30718	9.656	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	30718	7.485	ng	# 15
77) Benzidine	12.645	184	311	Below Cal		# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	264874	35.233	ng	# 99

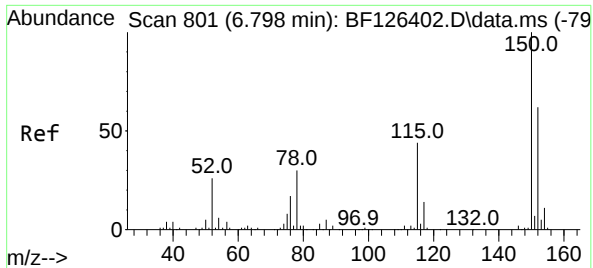
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 31 05:39:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

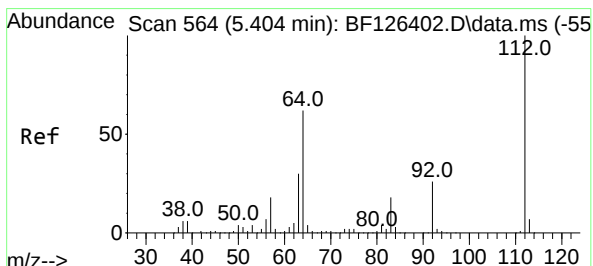
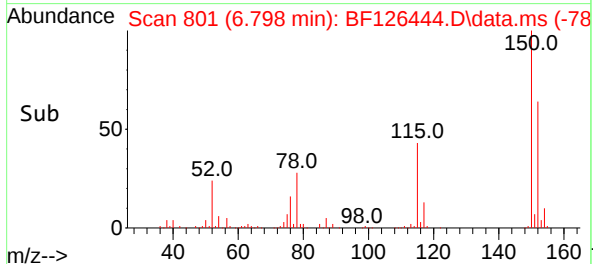
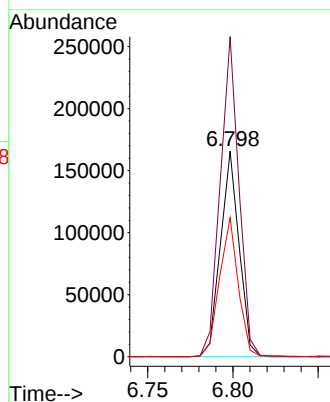
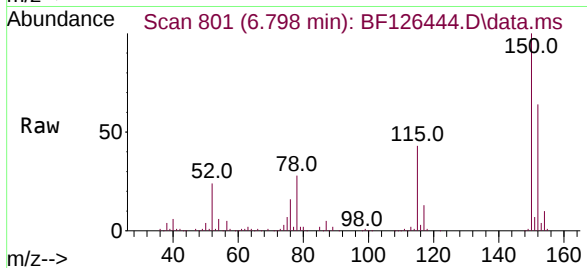




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

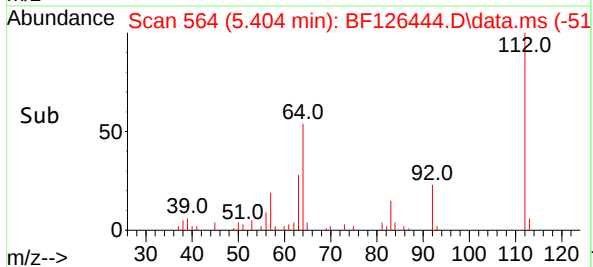
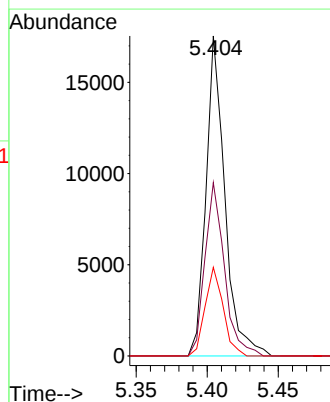
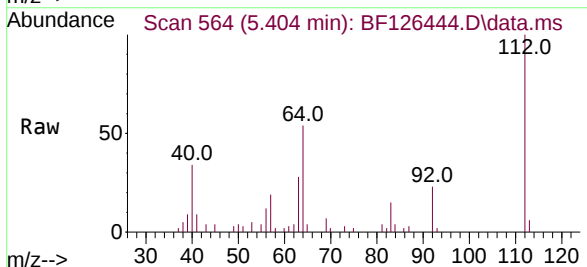
Instrument :
BNA_F
ClientSampleId :
CONC-13B

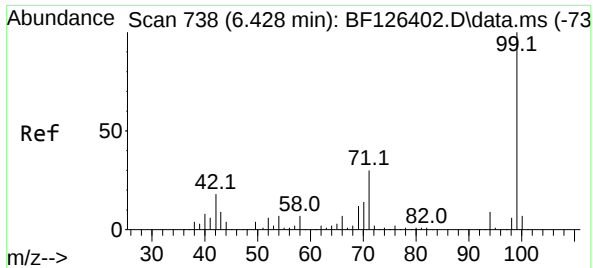
Tgt Ion:152 Resp: 126284
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 67.7 56.7 85.1



#5
2-Fluorophenol
Concen: 1.848 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:112 Resp: 16255
Ion Ratio Lower Upper
112 100
64 54.2 49.5 74.3
63 27.7 23.9 35.9

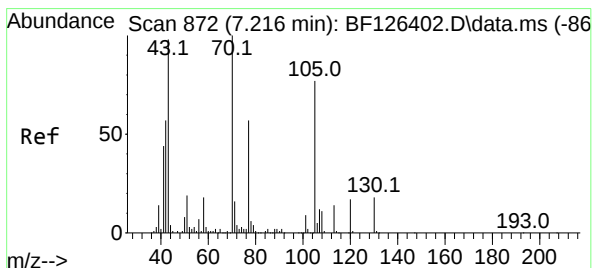
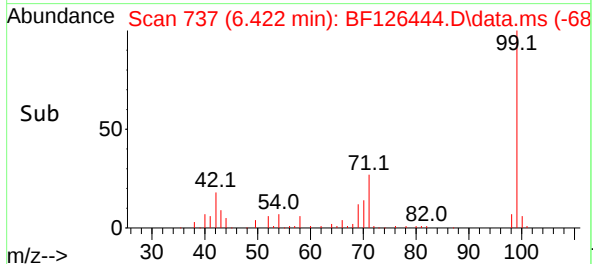
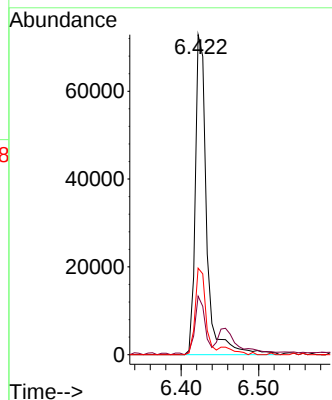
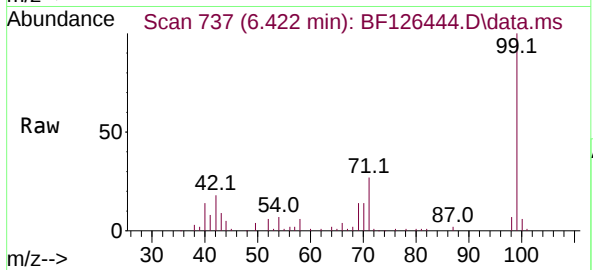




#7
Phenol-d6
Concen: 6.545 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

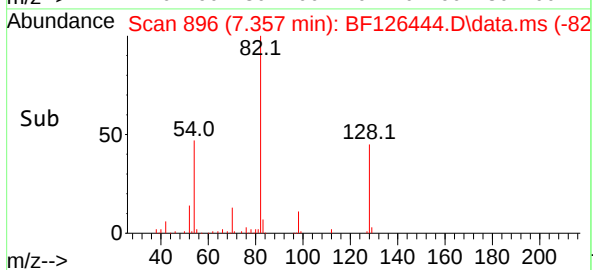
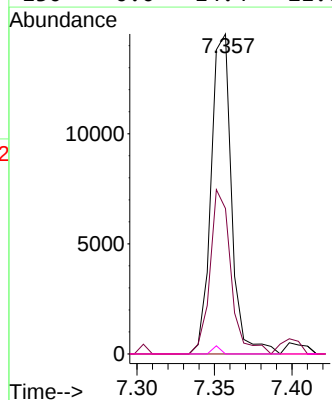
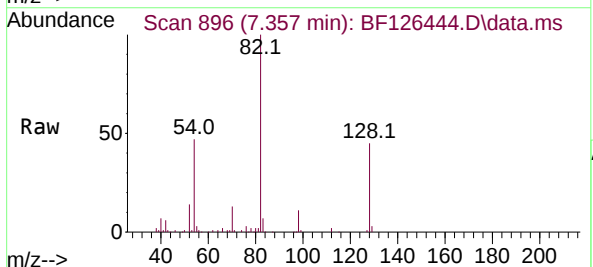
Instrument :
BNA_F
ClientSampleId :
CONC-13B

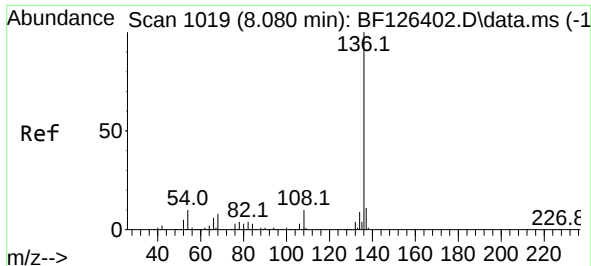
Tgt Ion:	99	Resp:	74544
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.2	21.4
71	27.0	24.3	36.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.058 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:	70	Resp:	13373
Ion	Ratio	Lower	Upper
70	100		
42	45.4	45.8	68.8#
101	0.0	6.9	10.3#
130	0.0	14.4	21.6#

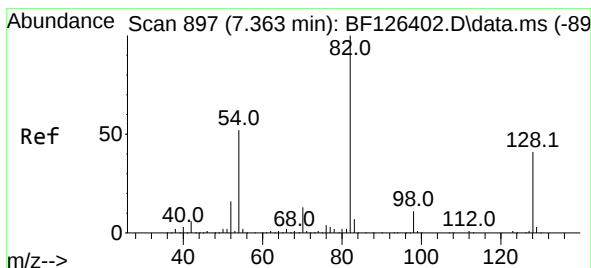
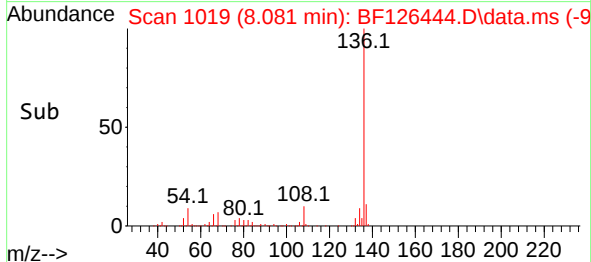
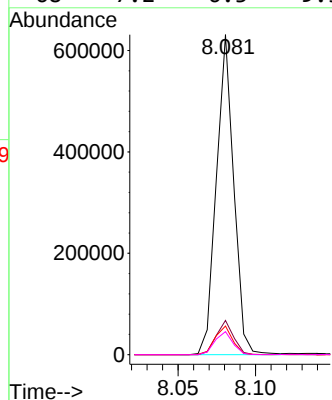
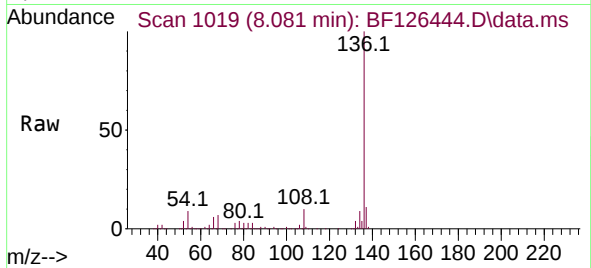




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

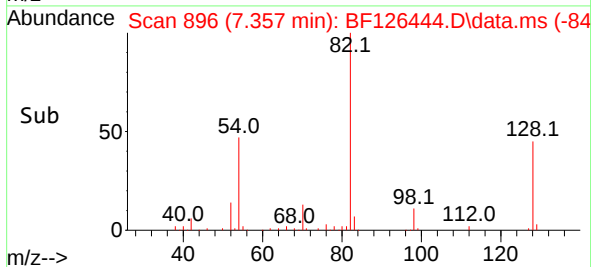
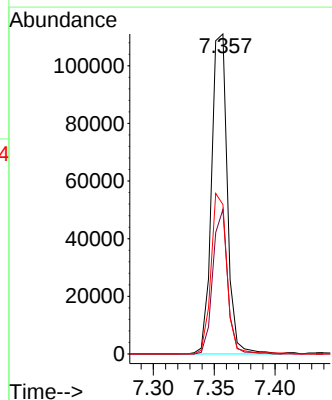
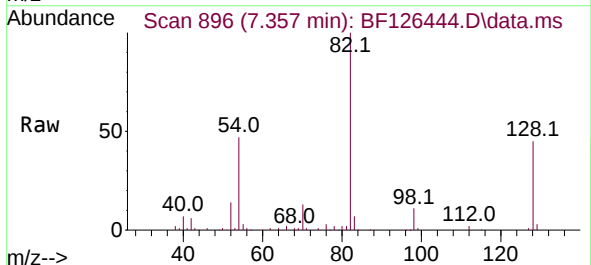
Instrument :
BNA_F
ClientSampleId :
CONC-13B

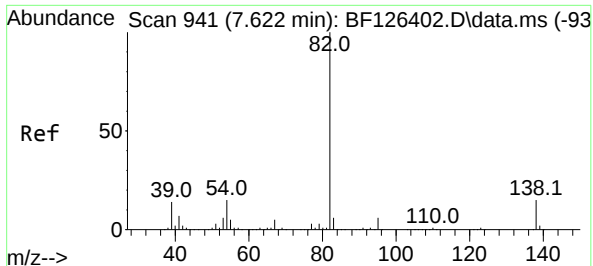
Tgt Ion:	136	Resp:	493020
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.8	11.6
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 10.401 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:	82	Resp:	99870
Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.7	49.1
54	46.7	41.7	62.5

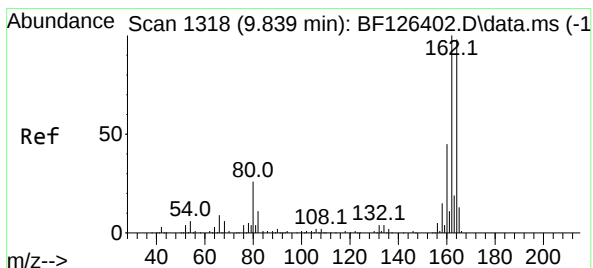
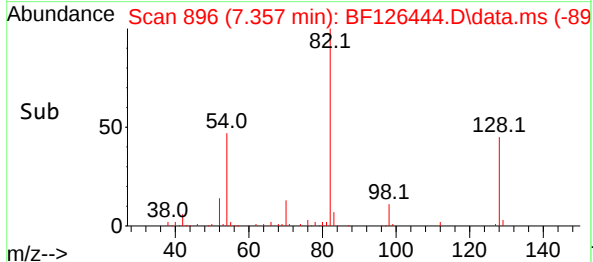
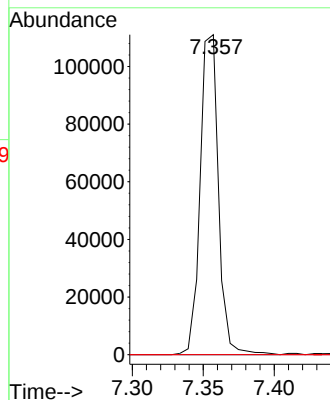
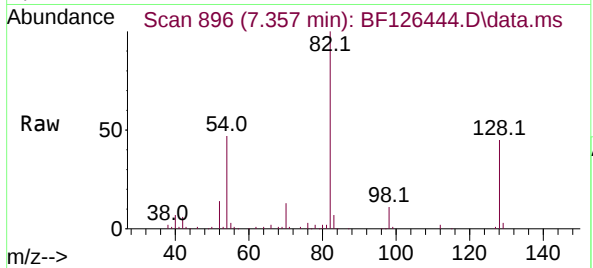




#25
Isophorone
Concen: 5.802 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

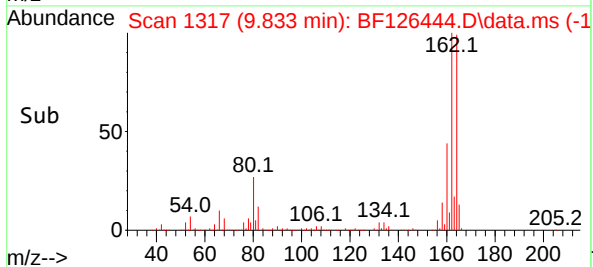
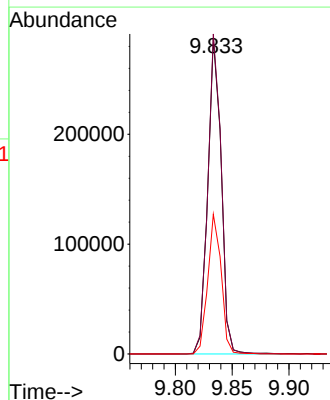
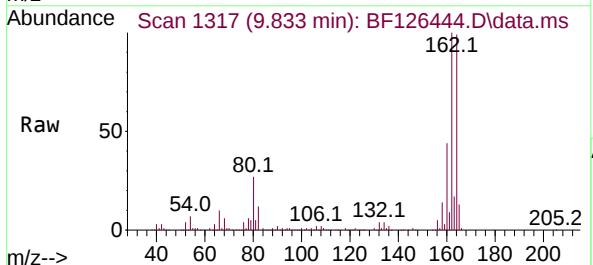
Instrument :
BNA_F
ClientSampleId :
CONC-13B

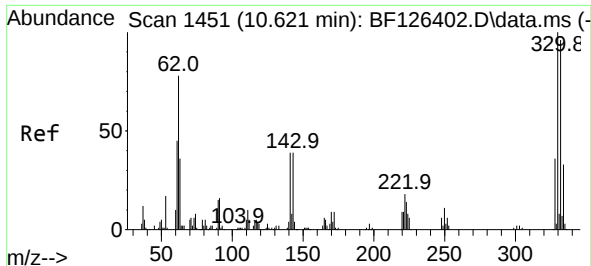
Tgt Ion: 82 Resp: 99734
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion: 164 Resp: 235950
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.3 36.6 54.8

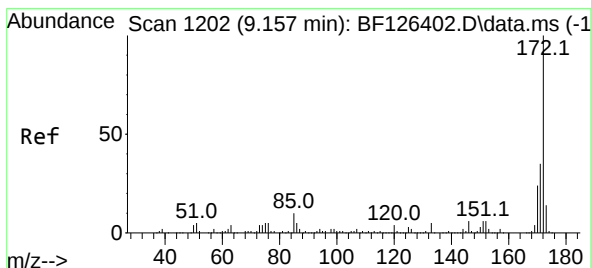
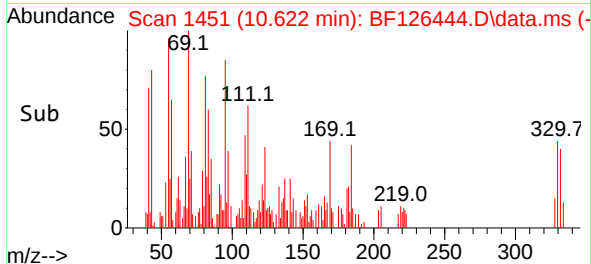
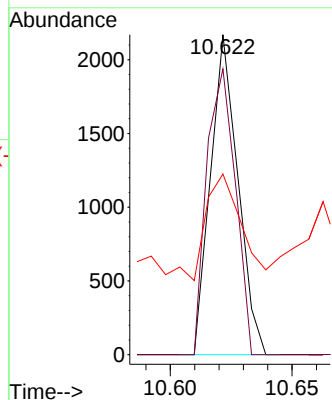
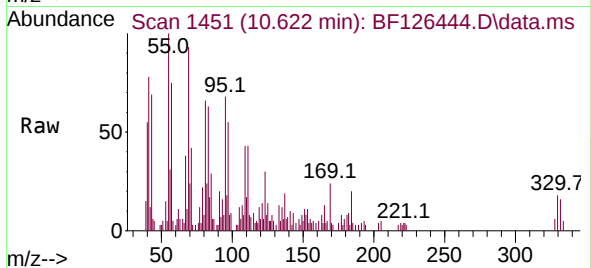




#42
2,4,6-Tribromophenol
Concen: 0.930 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

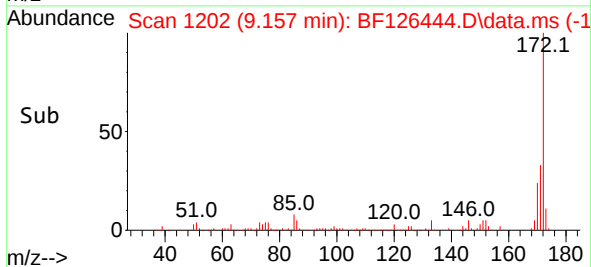
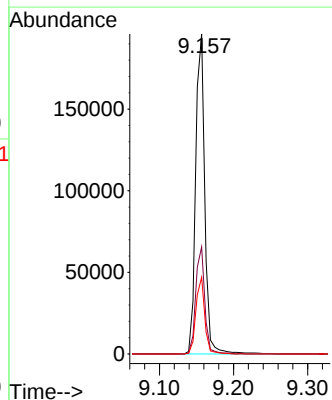
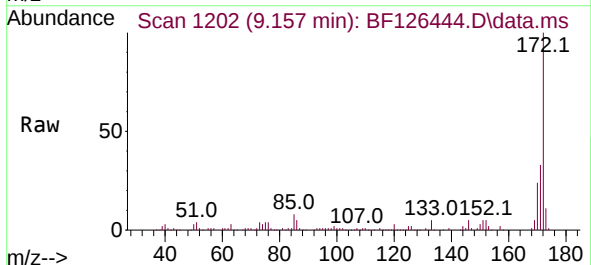
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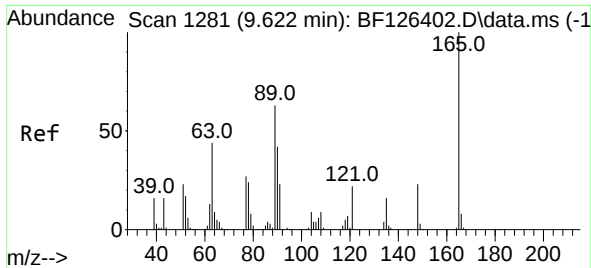
Tgt Ion: 330 Resp: 1695
Ion Ratio Lower Upper
330 100
332 92.9 76.0 114.0
141 43.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 12.501 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion: 172 Resp: 167613
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 24.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.656 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126444.D

Acq: 31 Dec 2021 4:26

Instrument :

BNA_F

ClientSampleId :

CONC-13B

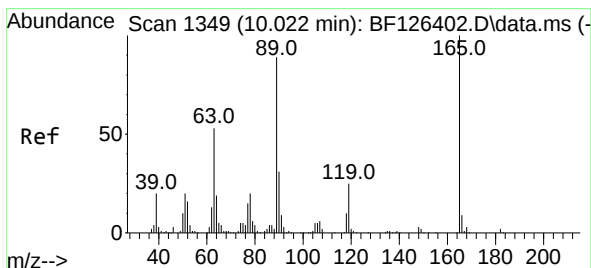
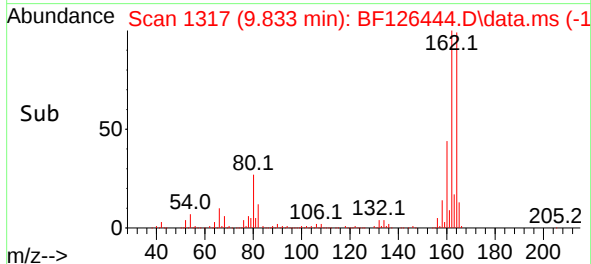
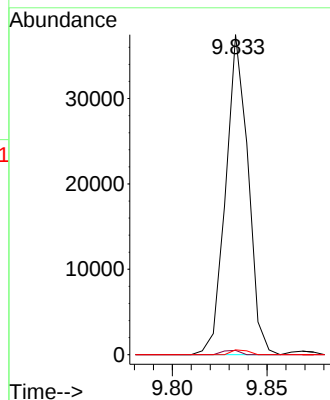
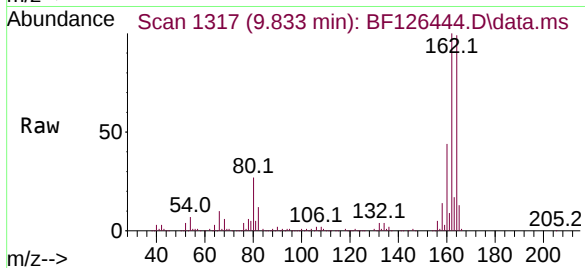
Tgt Ion:165 Resp: 30718

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.485 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126444.D

Acq: 31 Dec 2021 4:26

Tgt Ion:165 Resp: 30718

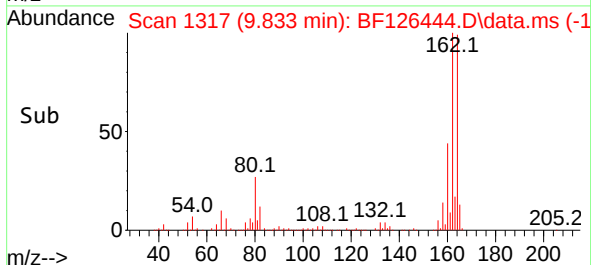
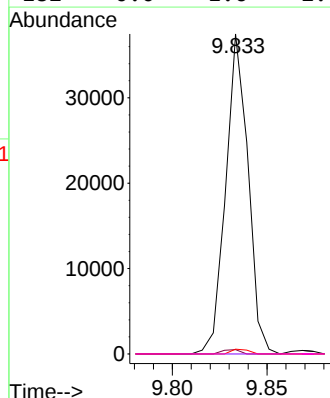
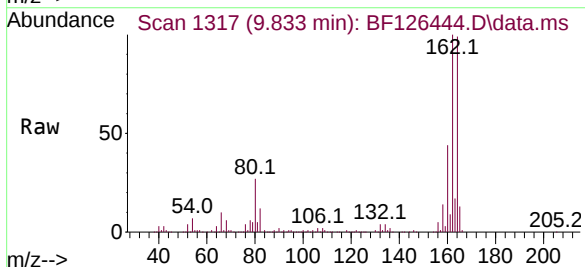
Ion Ratio Lower Upper

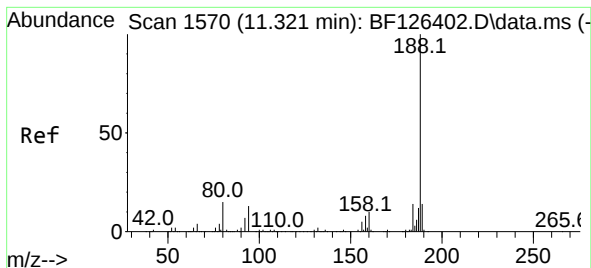
165 100

63 1.3 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

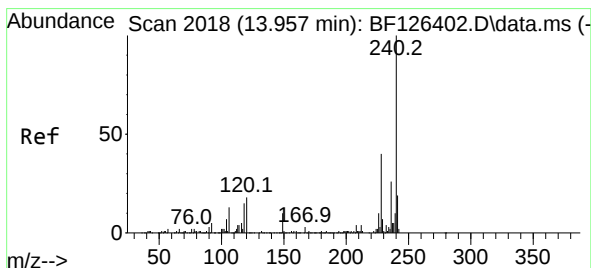
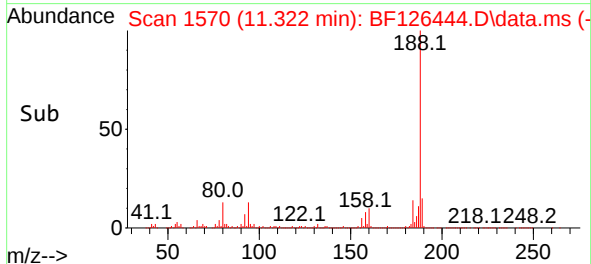
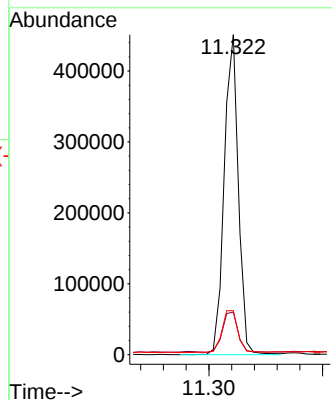
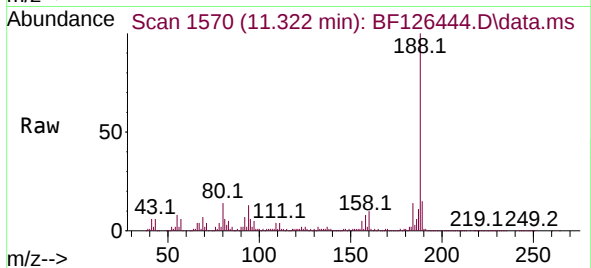




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

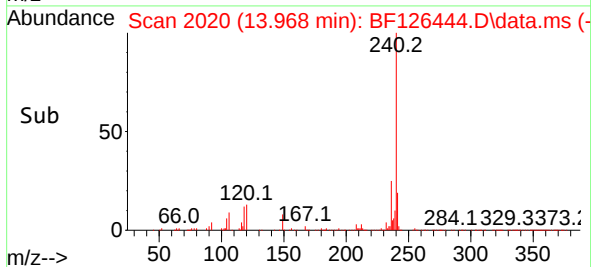
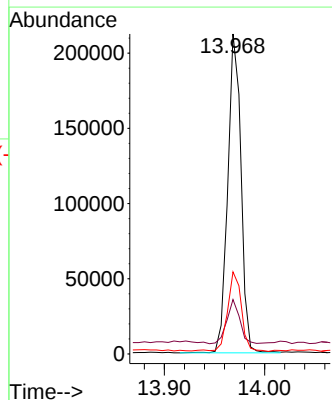
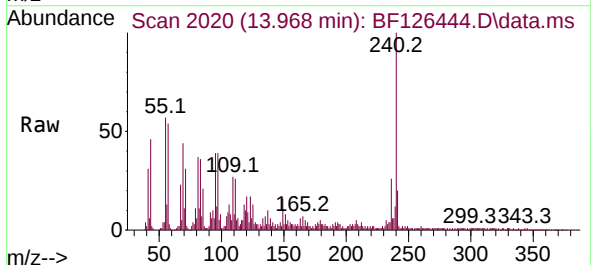
Instrument :
BNA_F
ClientSampleId :
CONC-13B

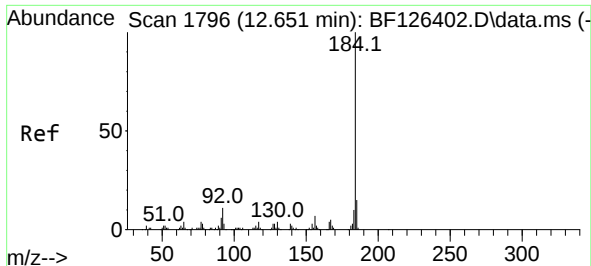
Tgt Ion:188 Resp: 390688
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 13.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:240 Resp: 193716
Ion Ratio Lower Upper
240 100
120 17.0 14.4 21.6
236 25.7 20.5 30.7

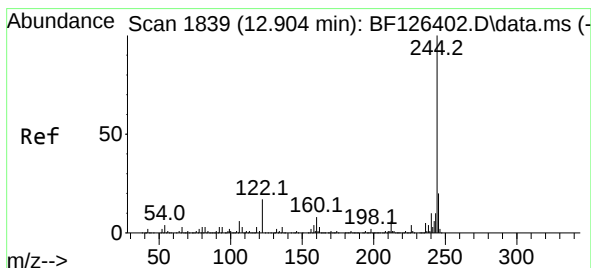
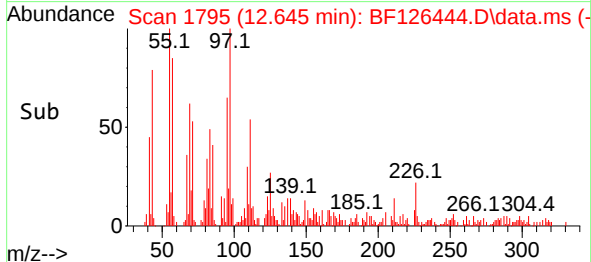
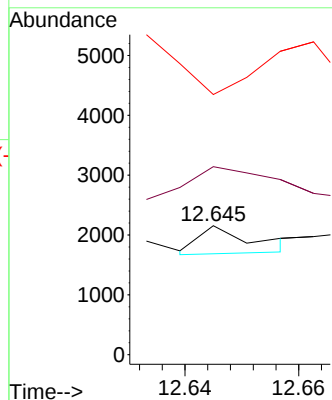
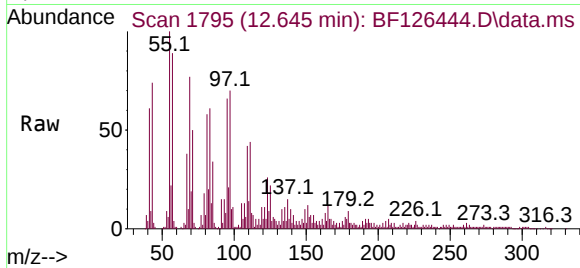




#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

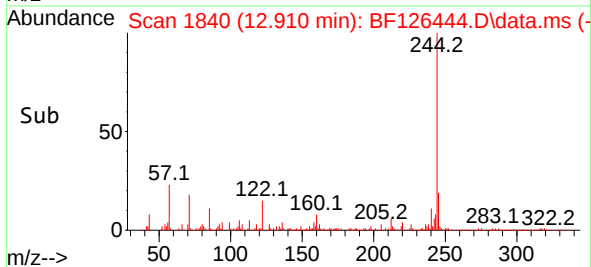
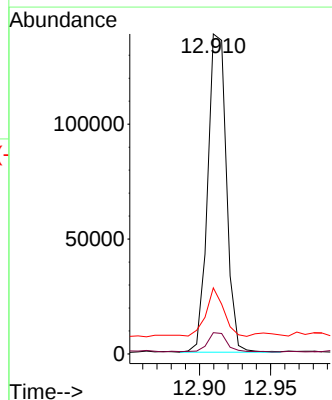
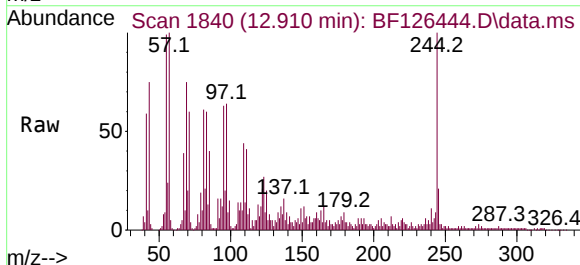
Instrument :
BNA_F
ClientSampleId :
CONC-13B

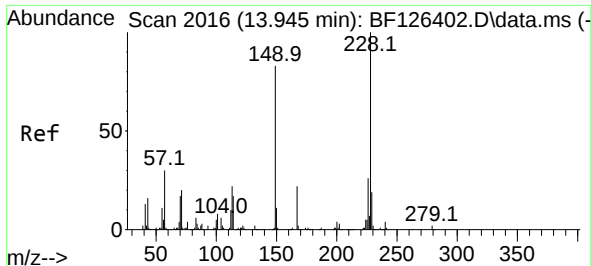
Tgt Ion:184 Resp: 311
Ion Ratio Lower Upper
184 100
185 145.8 11.8 17.8#
183 201.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 12.722 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:244 Resp: 126839
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 20.7 13.3 19.9#

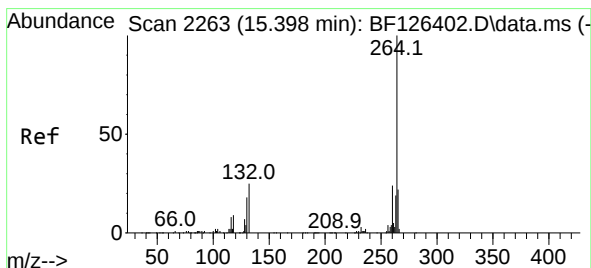
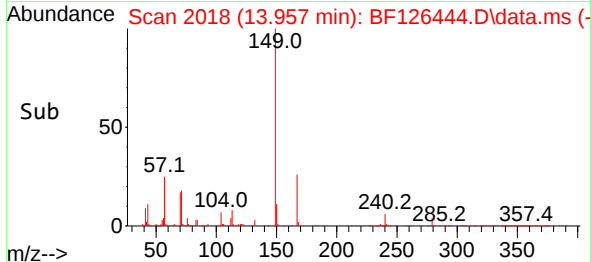
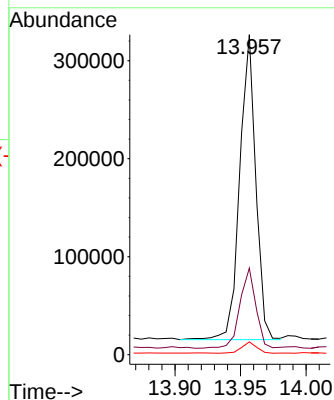
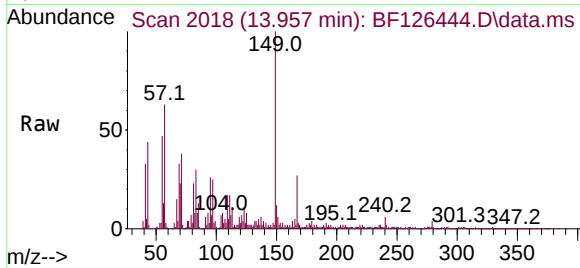




#84
Bis(2-ethylhexyl)phthalate
Concen: 35.233 ng
RT: 13.957 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Instrument :
BNA_F
ClientSampleId :
CONC-13B

Tgt Ion:149 Resp: 264874
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 4.0 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.018 min
Lab File: BF126444.D
Acq: 31 Dec 2021 4:26

Tgt Ion:264 Resp: 172243
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.1 17.4 26.2

