

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126441.D
 Acq On : 31 Dec 2021 2:50
 Operator : JU/CG
 Sample : M5244-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1C

Quant Time: Dec 31 05:38:57 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)

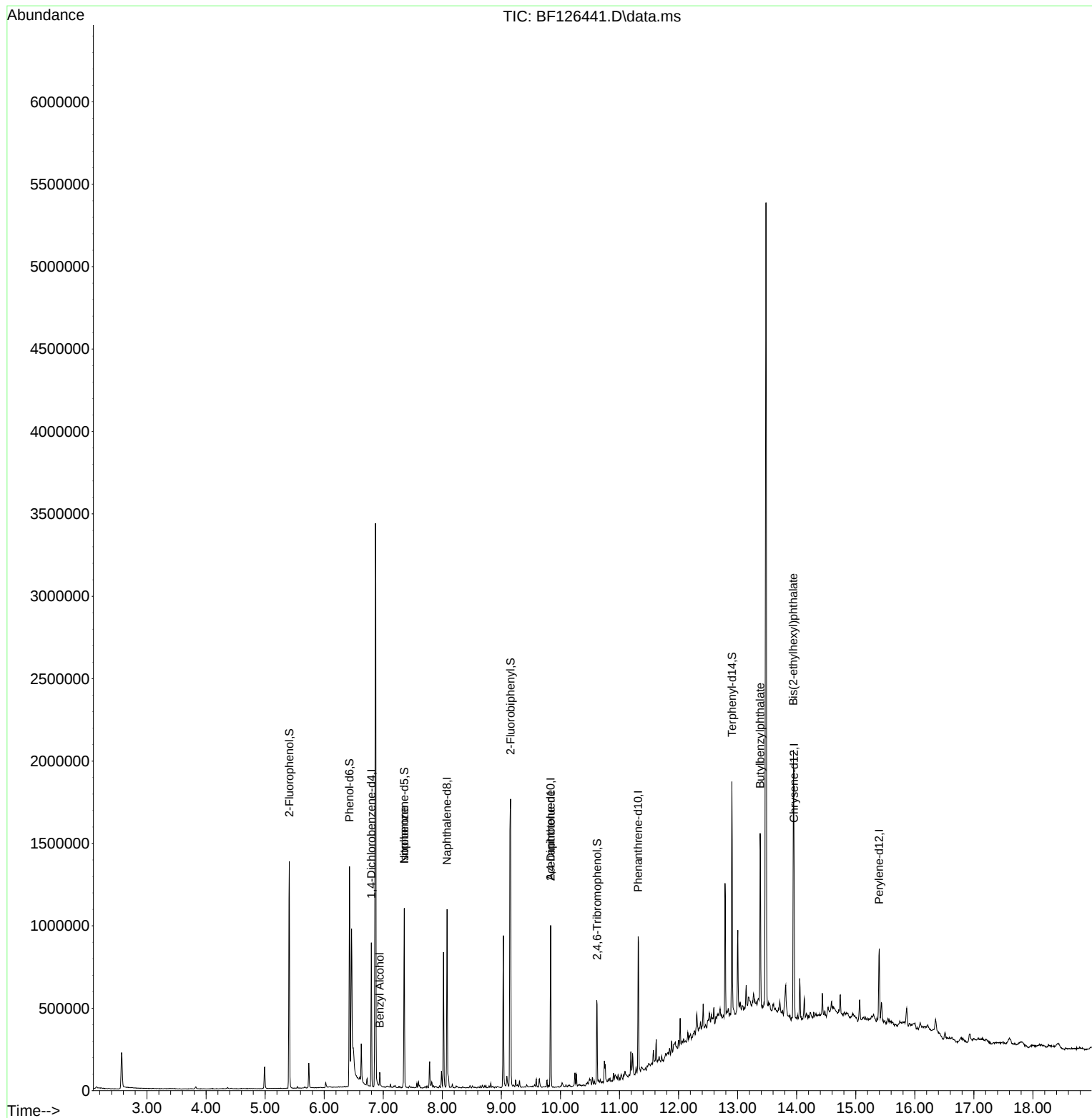
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	108908	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	425875	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	174690	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	305199	20.000	ng	0.00
76) Chrysene-d12	13.957	240	231850	20.000	ng	0.00
86) Perylene-d12	15.398	264	186282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	382093	50.383	ng	0.00
7) Phenol-d6	6.428	99	489891	49.874	ng	0.00
23) Nitrobenzene-d5	7.357	82	314187	37.880	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	57949	42.928	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	444661	44.793	ng	0.00
79) Terphenyl-d14	12.904	244	455476	38.170	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.939	79	15389	2.239	ng	98
25) Isophorone	7.357	82	314063	21.152	ng	# 69
57) 2,4-Dinitrotoluene	9.833	165	22335	7.350	ng	# 15
77) Benzidine	12.645	184	841	Below Cal		# 1
80) Butylbenzylphthalate	13.380	149	240180	27.663	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	391655	43.528	ng	99

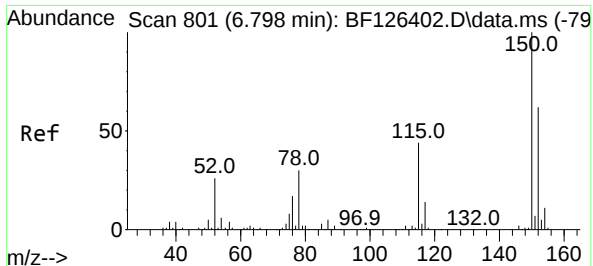
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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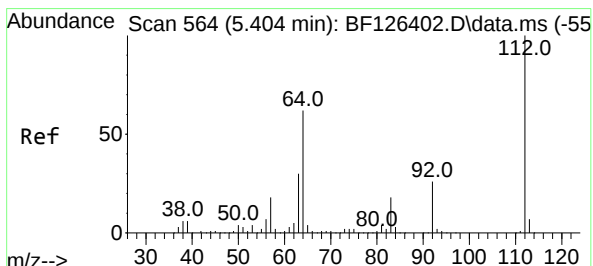
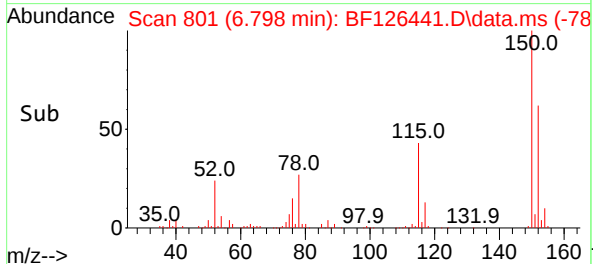
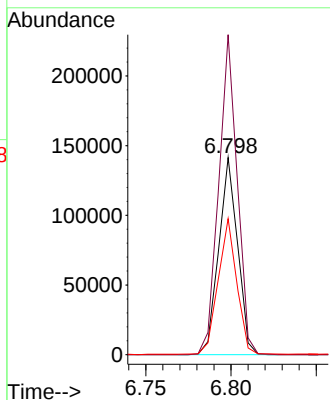
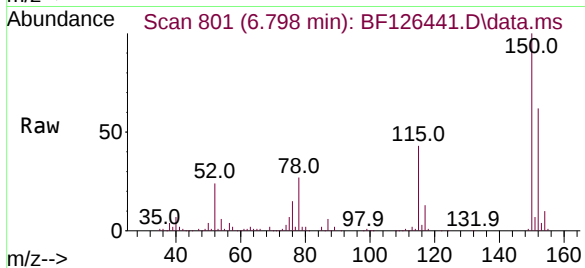




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

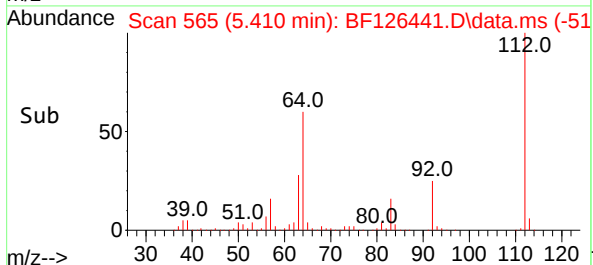
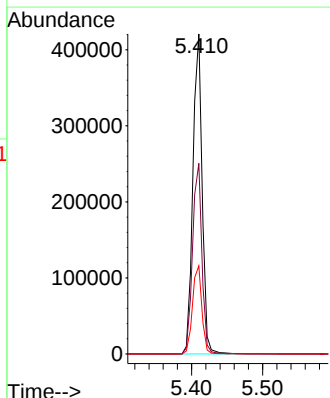
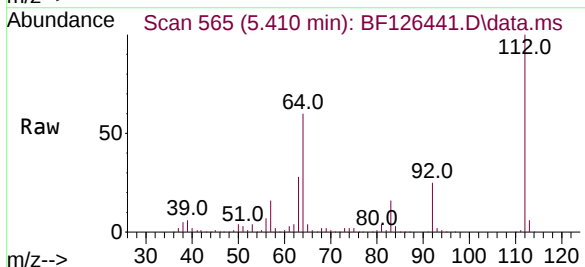
Instrument :
BNA_F
ClientSampleId :
CONC-1C

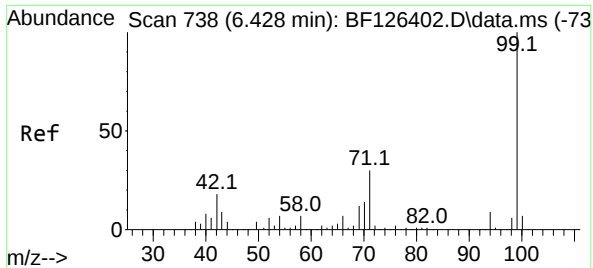
Tgt Ion:152 Resp: 108908
Ion Ratio Lower Upper
152 100
150 162.4 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 50.383 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion:112 Resp: 382093
Ion Ratio Lower Upper
112 100
64 59.5 49.5 74.3
63 27.6 23.9 35.9

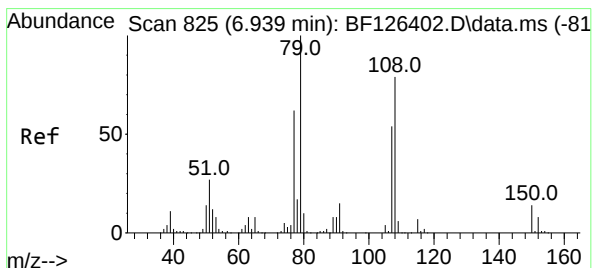
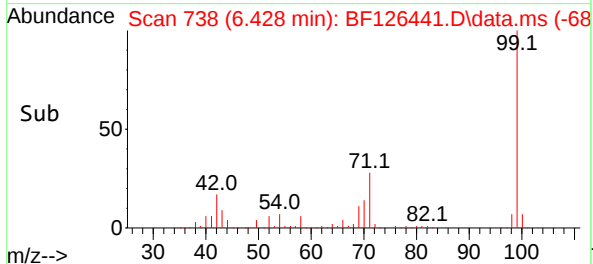
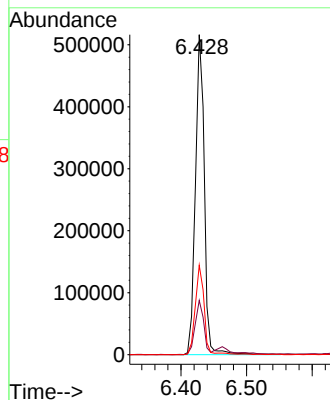
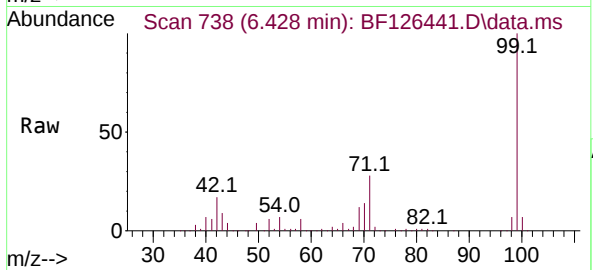




#7
Phenol-d6
Concen: 49.874 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

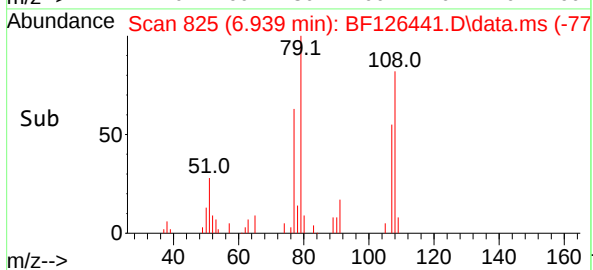
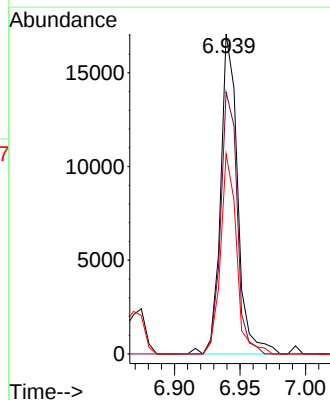
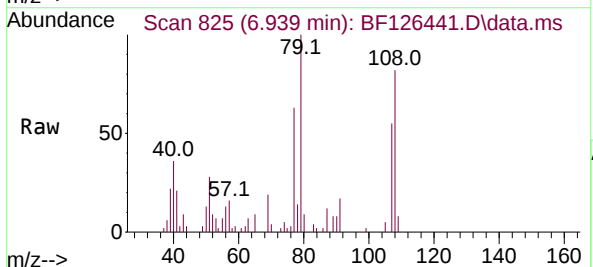
Instrument :
BNA_F
ClientSampleId :
CONC-1C

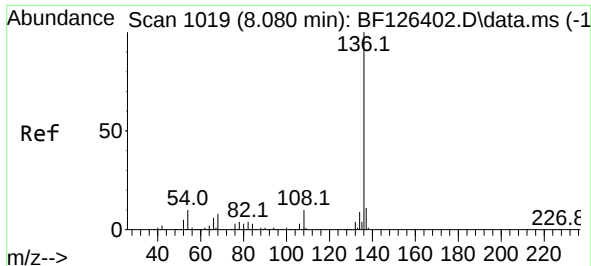
Tgt Ion: 99 Resp: 489891
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 27.9 24.3 36.5



#15
Benzyl Alcohol
Concen: 2.239 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion: 79 Resp: 15389
Ion Ratio Lower Upper
79 100
108 81.8 63.2 94.8
77 62.5 49.4 74.2

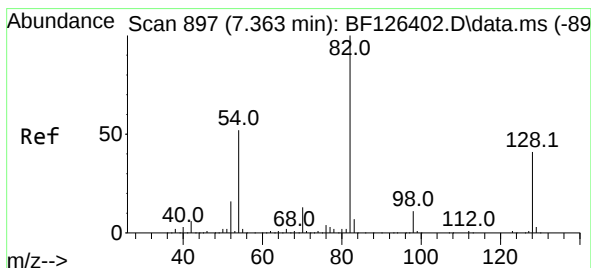
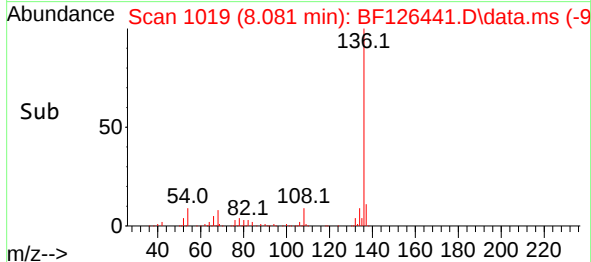
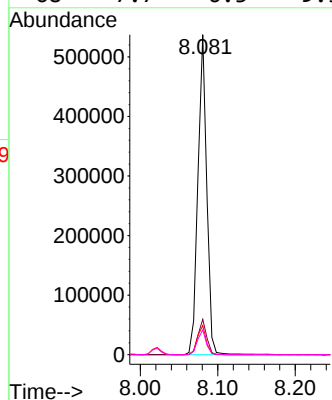
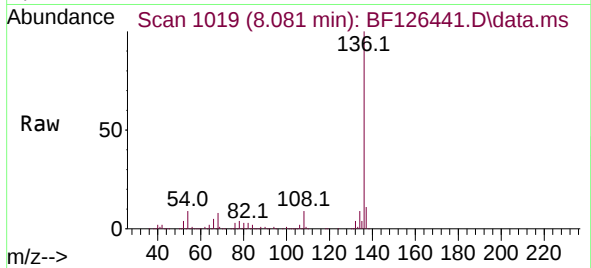




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

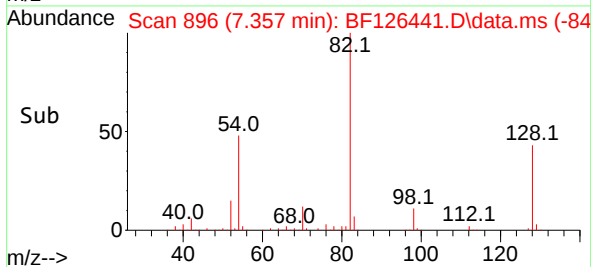
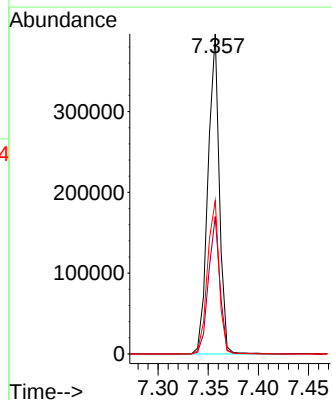
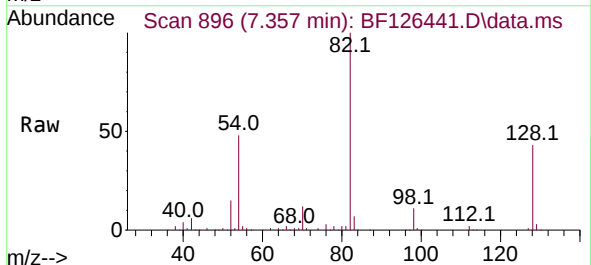
Instrument :
BNA_F
ClientSampleId :
CONC-1C

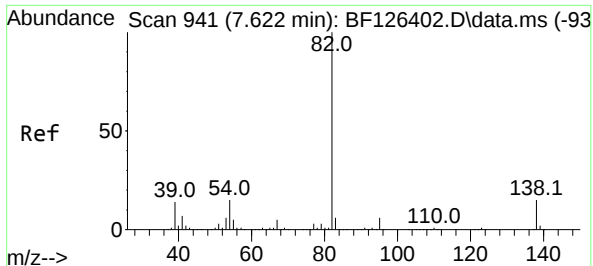
Tgt Ion:136 Resp: 425875
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.8 11.6
68 7.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 37.880 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion: 82 Resp: 314187
Ion Ratio Lower Upper
82 100
128 43.0 32.7 49.1
54 48.0 41.7 62.5

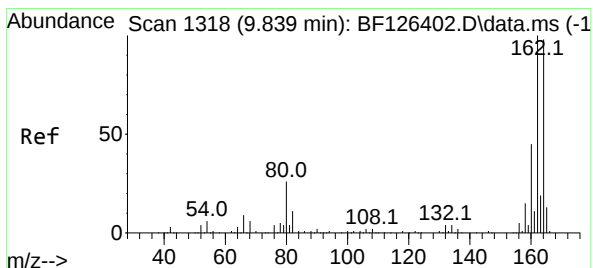
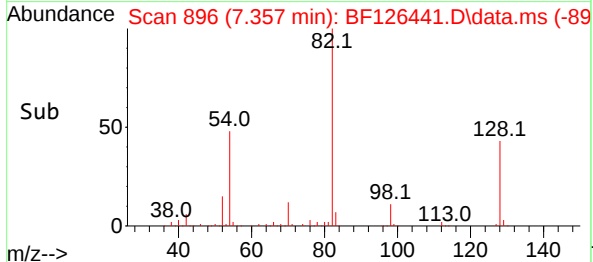
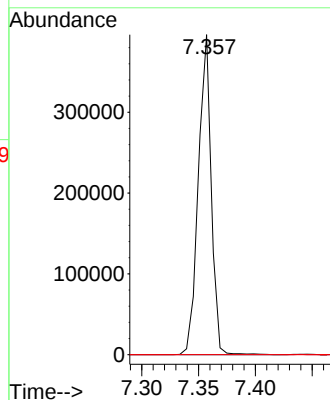
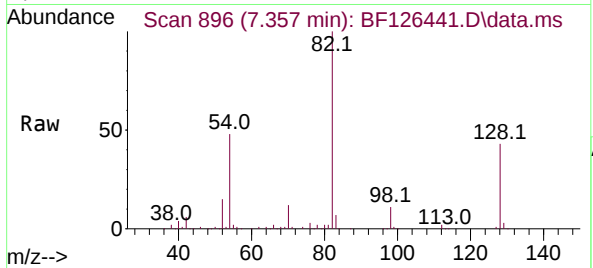




#25
Isophorone
Concen: 21.152 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

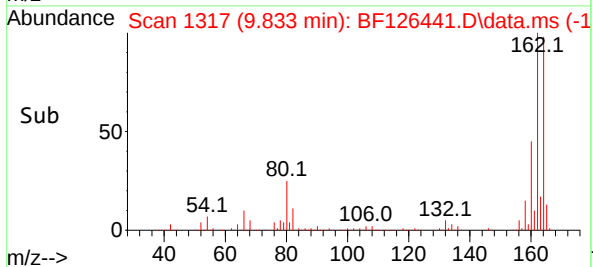
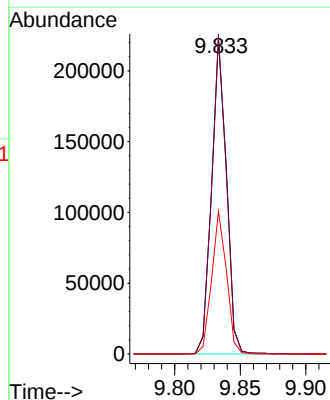
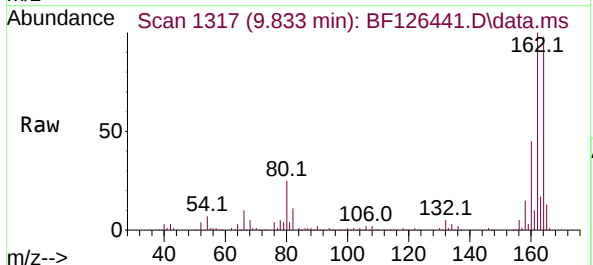
Instrument :
BNA_F
ClientSampleId :
CONC-1C

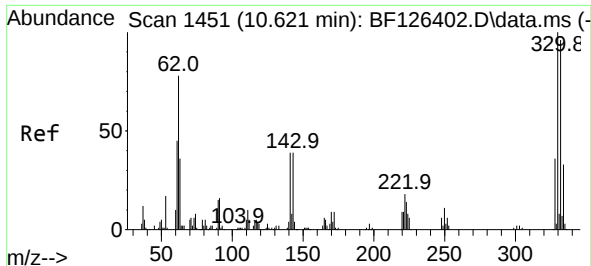
Tgt Ion: 82 Resp: 314063
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion: 164 Resp: 174690
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 42.928 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126441.D

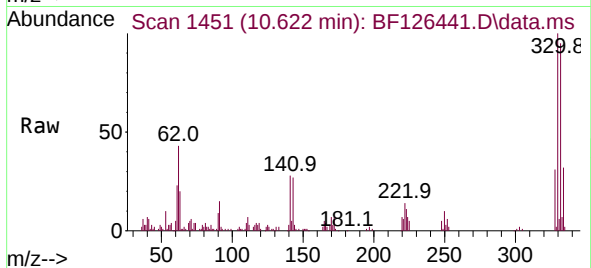
Acq: 31 Dec 2021 2:50

Instrument :

BNA_F

ClientSampleId :

CONC-1C



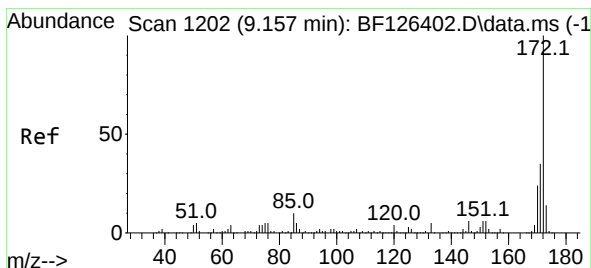
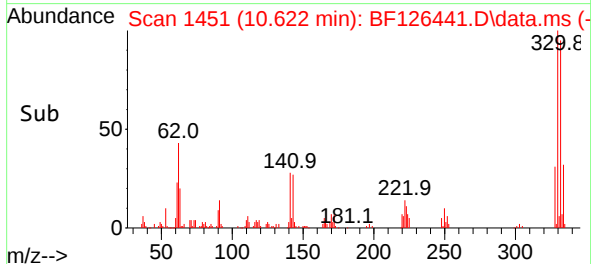
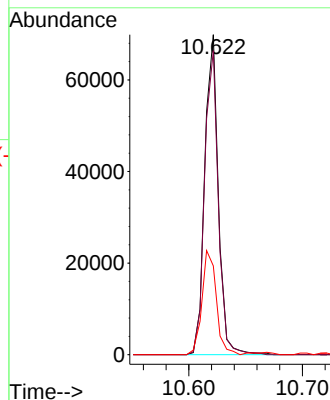
Tgt Ion:330 Resp: 57949

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 34.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 44.793 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF126441.D

Acq: 31 Dec 2021 2:50

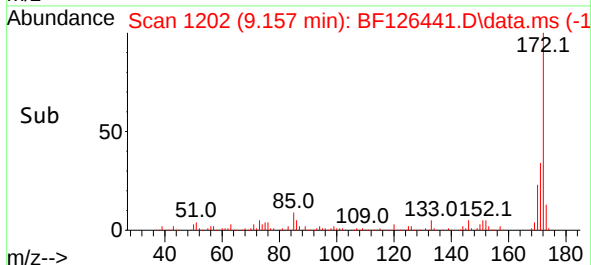
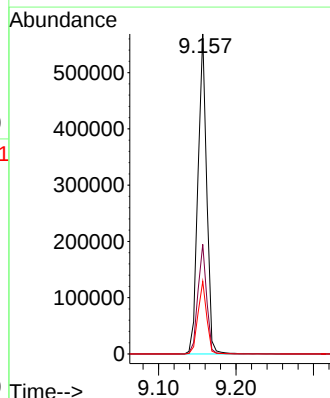
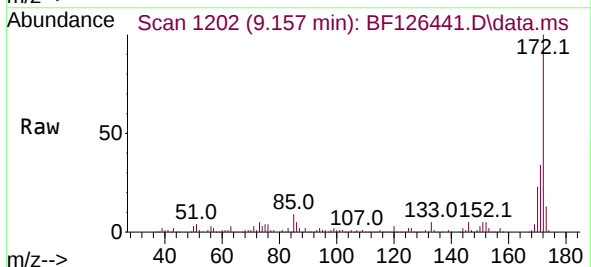
Tgt Ion:172 Resp: 444661

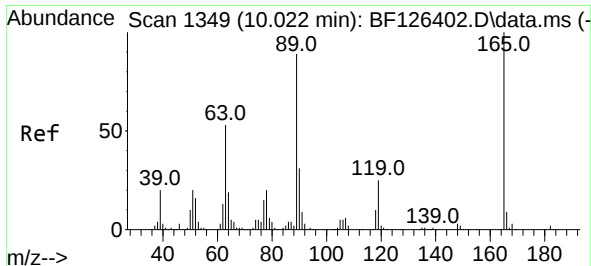
Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 22.7 19.0 28.6

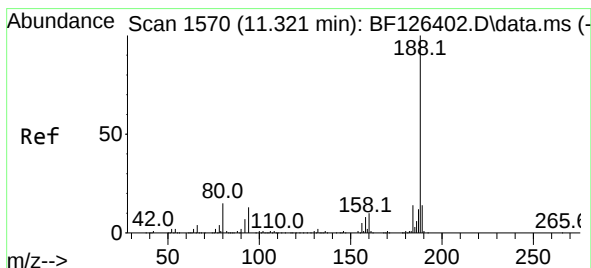
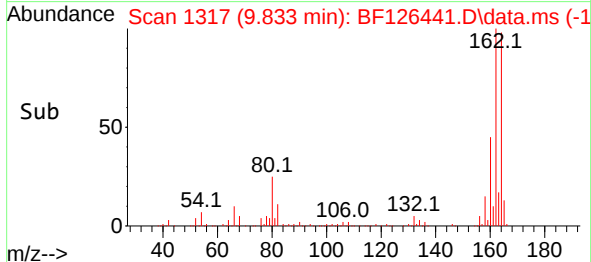
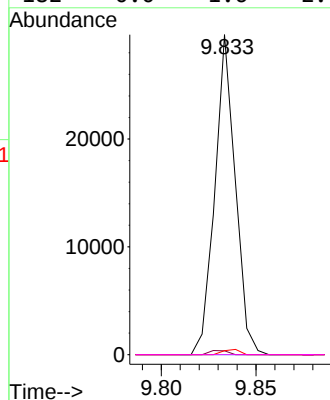
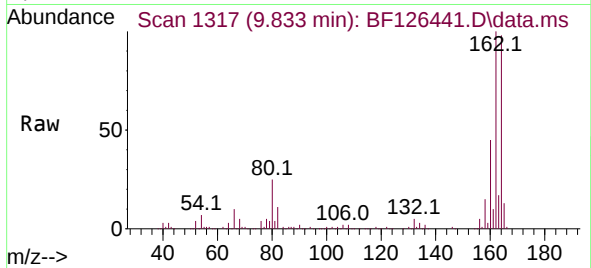




#57
2,4-Dinitrotoluene
Concen: 7.350 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

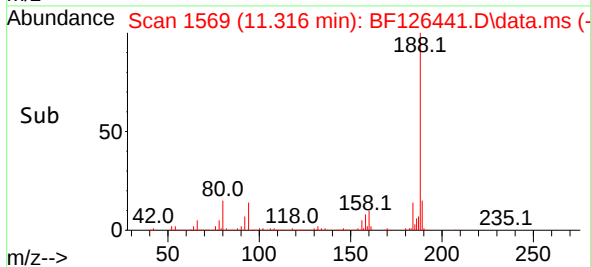
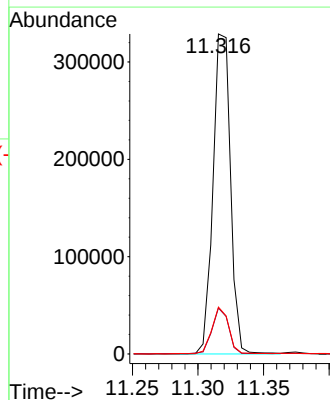
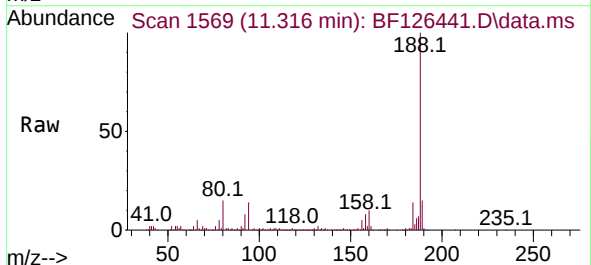
Instrument :
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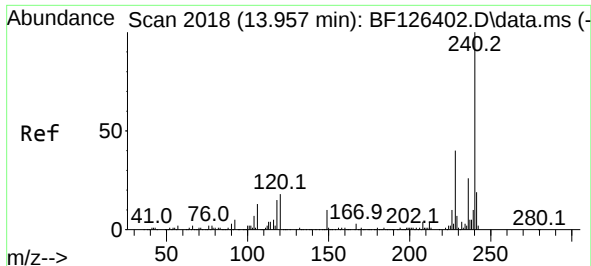
Tgt Ion:165 Resp: 22335
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion:188 Resp: 305199
Ion Ratio Lower Upper
188 100
94 14.4 10.1 15.1
80 14.7 11.8 17.6

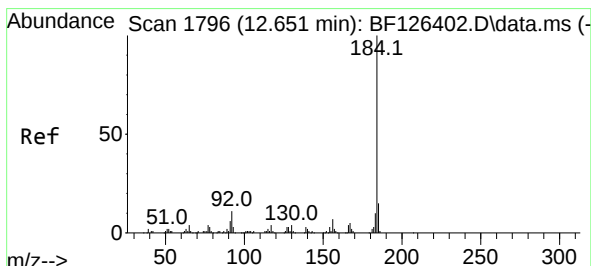
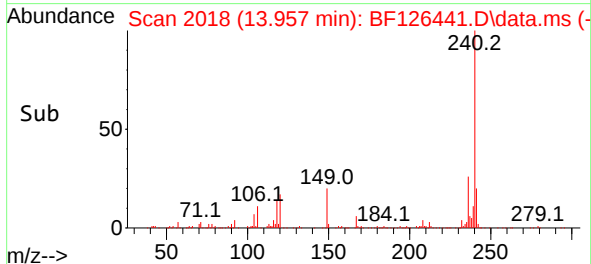
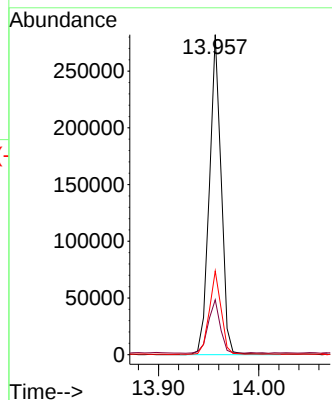
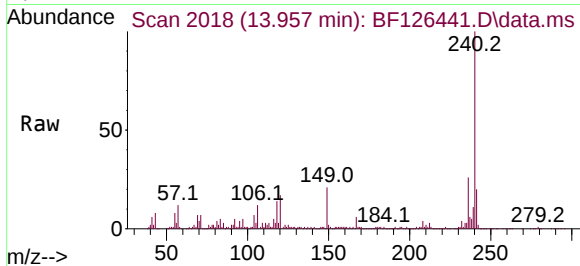




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

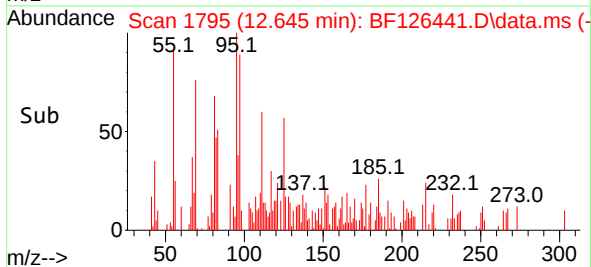
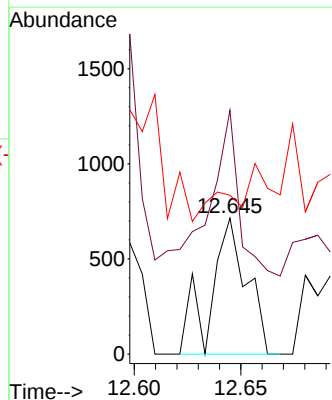
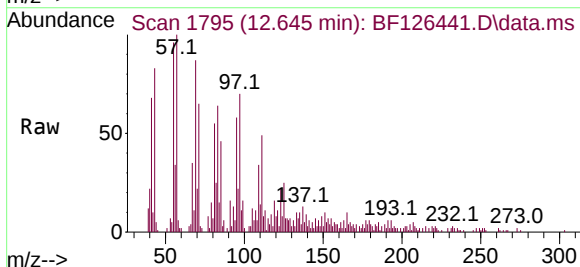
Instrument :
BNA_F
ClientSampleId :
CONC-1C

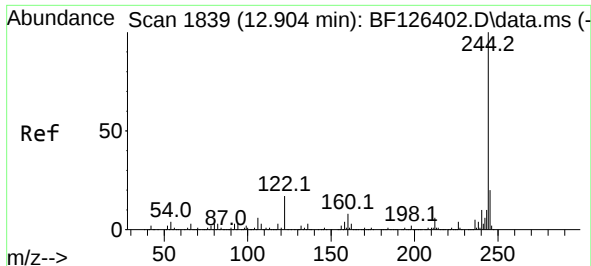
Tgt Ion:240 Resp: 231850
Ion Ratio Lower Upper
240 100
120 17.2 14.4 21.6
236 26.2 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion:184 Resp: 841
Ion Ratio Lower Upper
184 100
185 179.3 11.8 17.8#
183 116.8 8.2 12.2#

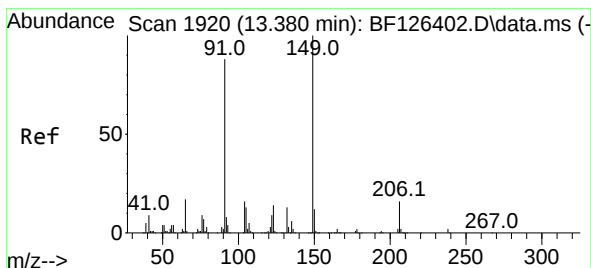
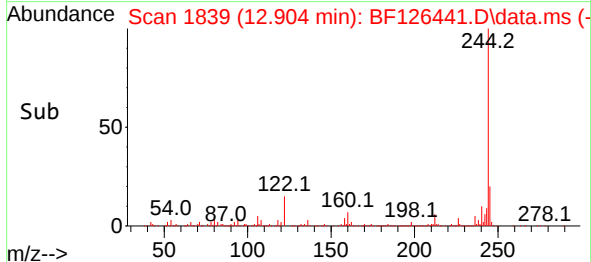
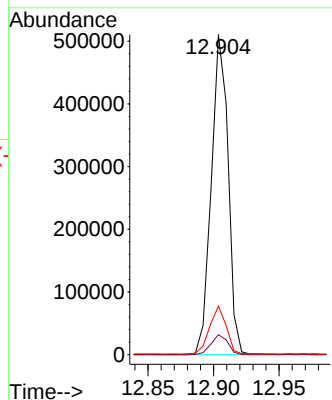
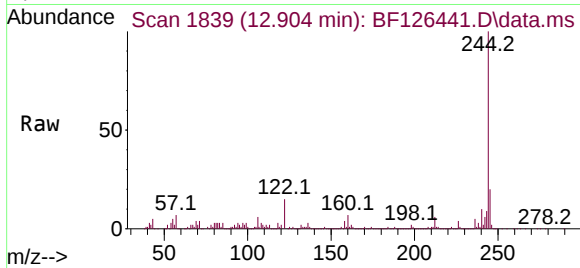




#79
 Terphenyl-d14
 Concen: 38.170 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF126441.D
 Acq: 31 Dec 2021 2:50

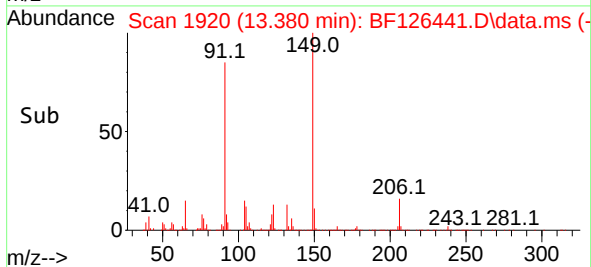
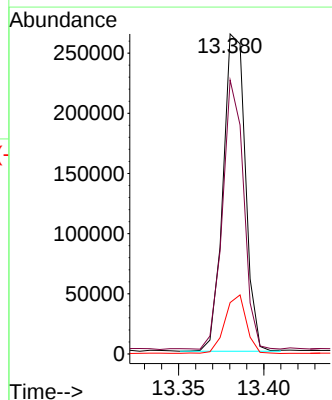
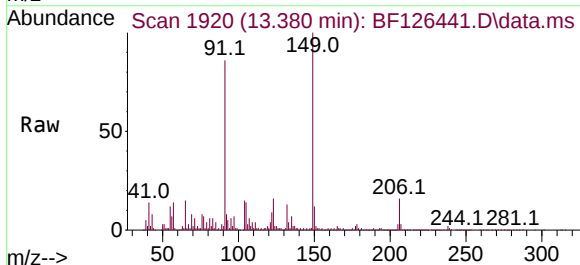
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1C

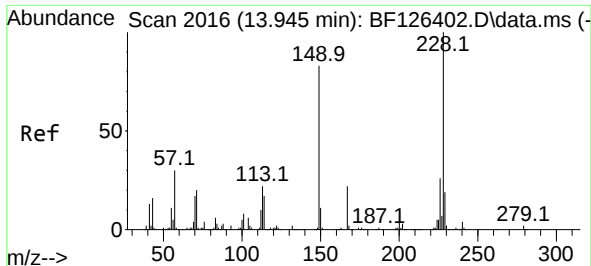
Tgt Ion:244 Resp: 455476
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 15.2 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 27.663 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: BF126441.D
 Acq: 31 Dec 2021 2:50

Tgt Ion:149 Resp: 240180
 Ion Ratio Lower Upper
 149 100
 91 85.6 70.5 105.7
 206 16.0 12.6 19.0

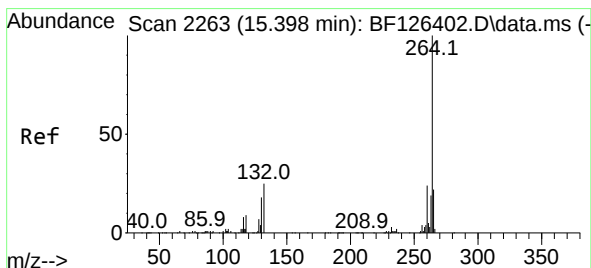
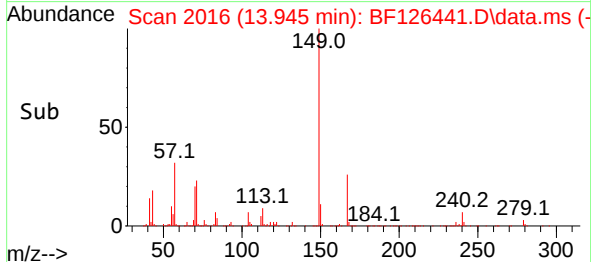
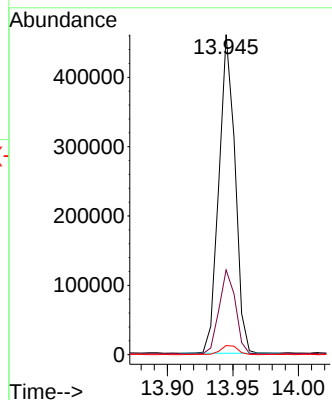
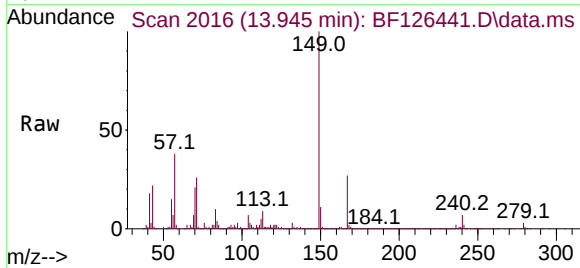




#84
Bis(2-ethylhexyl)phthalate
Concen: 43.528 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Instrument :
BNA_F
ClientSampleId :
CONC-1C

Tgt Ion:149 Resp: 391655
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.2
279 2.9 2.4 3.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF126441.D
Acq: 31 Dec 2021 2:50

Tgt Ion:264 Resp: 186282
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 17.4 26.2

