

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126452.D
 Acq On : 3 Jan 2022 13:05
 Operator : JU/CG
 Sample : M5244-18 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-6C

Quant Time: Jan 03 13:28:30 2022
 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)

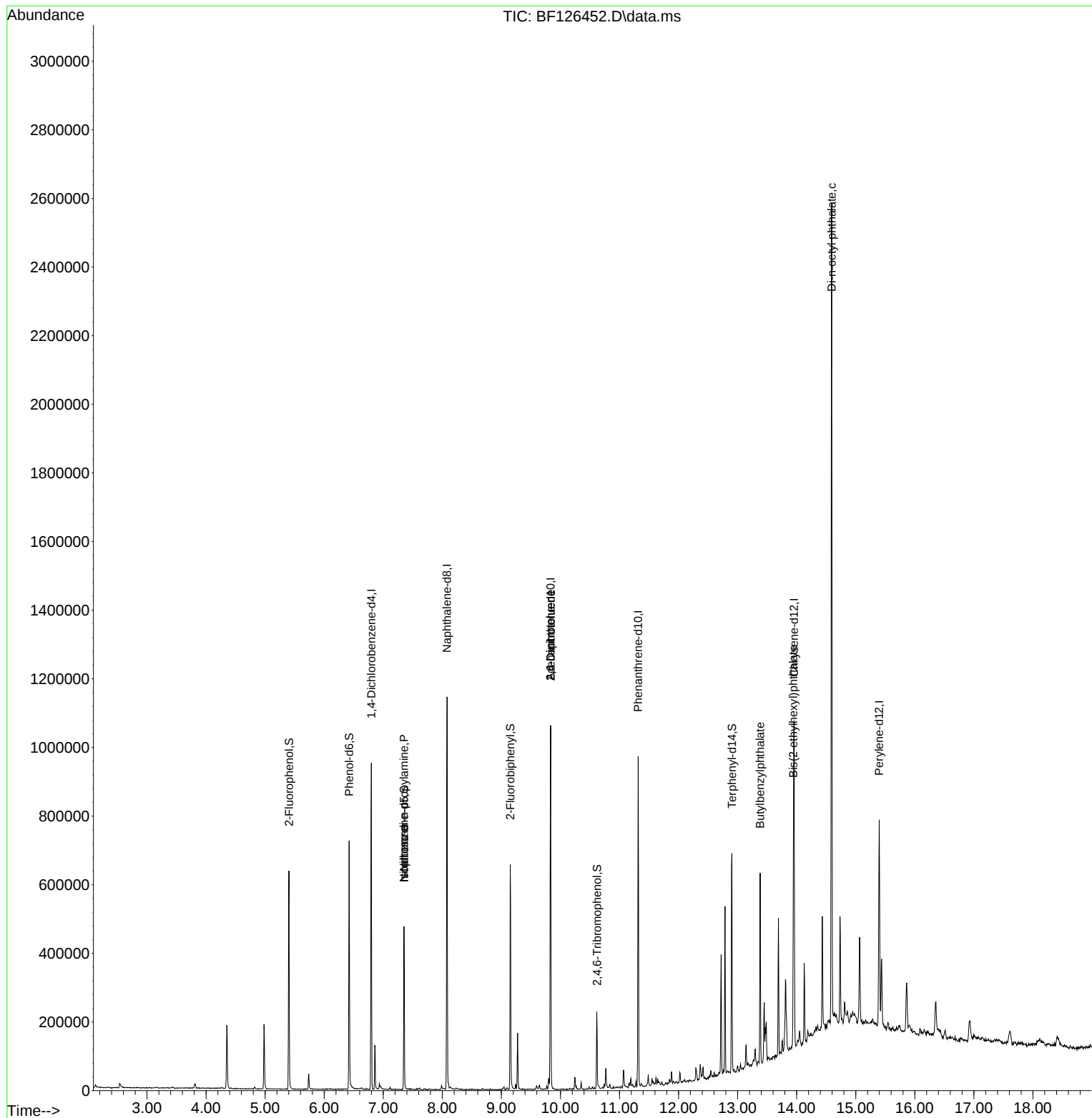
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132168	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	490778	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	195658	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315192	20.000	ng	0.00
76) Chrysene-d12	13.957	240	301323	20.000	ng	0.00
86) Perylene-d12	15.398	264	235444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	179746	19.530	ng	0.00
7) Phenol-d6	6.422	99	230028	19.297	ng	0.00
23) Nitrobenzene-d5	7.351	82	140409	14.690	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	24946	16.499	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	202527	18.215	ng	0.00
79) Terphenyl-d14	12.904	244	206114	13.290	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	16951	2.492	ng	# 83
25) Isophorone	7.351	82	138042	8.068	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	24919	9.447	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	24919	7.322	ng	# 15
77) Benzidine	12.904	184	2267	Below Cal		# 83
80) Butylbenzylphthalate	13.380	149	109942	9.743	ng	91
84) Bis(2-ethylhexyl)phtha...	13.945	149	95941	8.204	ng	99
85) Di-n-octyl phthalate	14.592	149	189875	9.362	ng	# 51

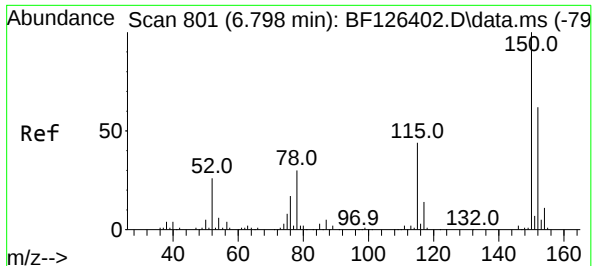
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

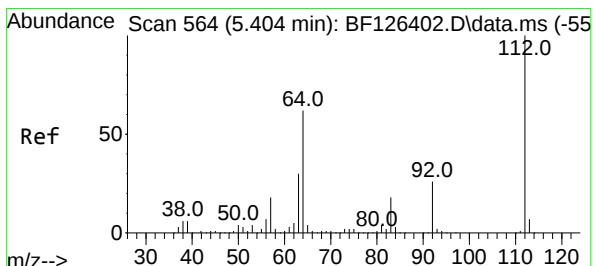
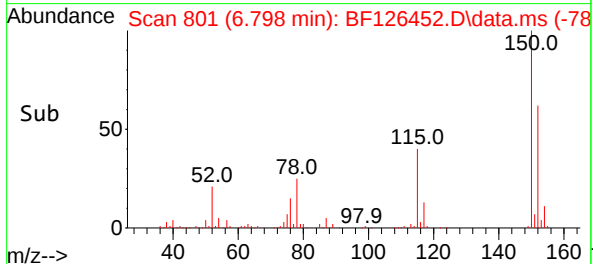
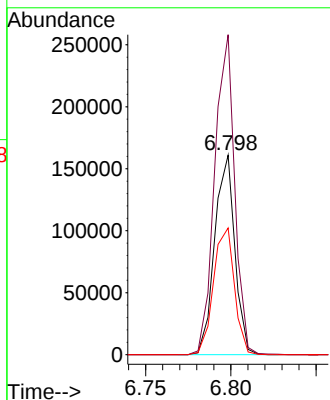
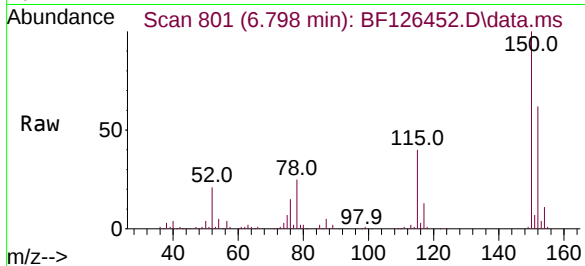




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

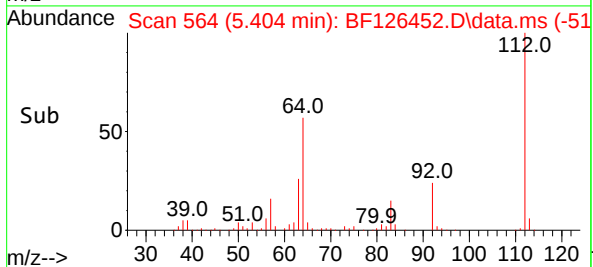
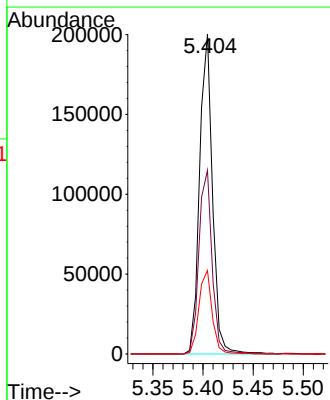
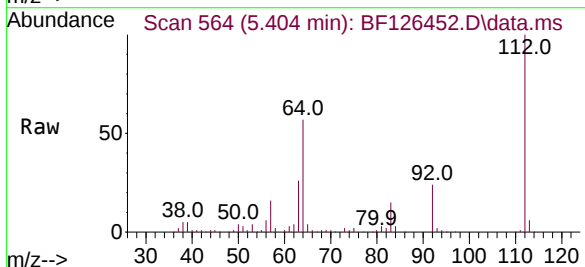
Instrument :
BNA_F
ClientSampleId :
CONC-6C

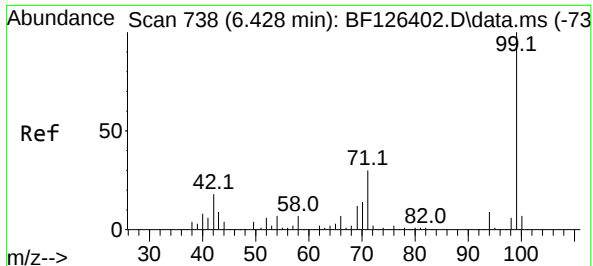
Tgt Ion:152 Resp: 132168
Ion Ratio Lower Upper
152 100
150 160.3 128.1 192.1
115 63.5 56.7 85.1



#5
2-Fluorophenol
Concen: 19.530 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion:112 Resp: 179746
Ion Ratio Lower Upper
112 100
64 57.4 49.5 74.3
63 26.1 23.9 35.9

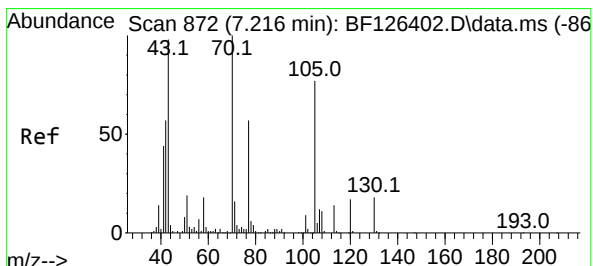
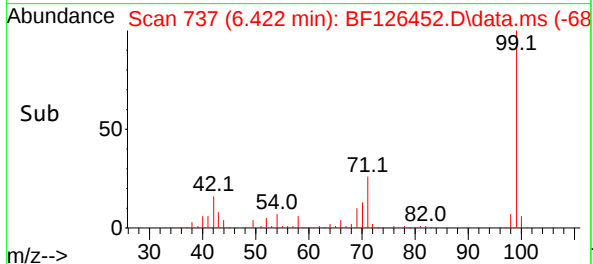
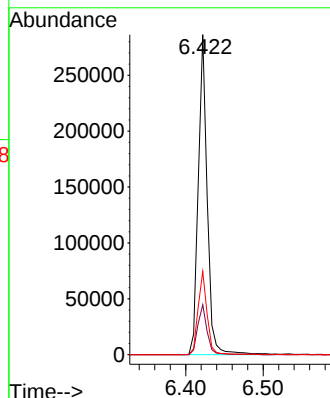
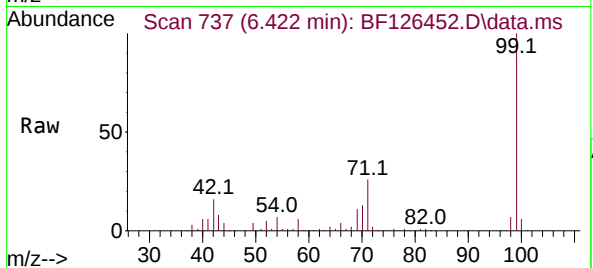




#7
Phenol-d6
Concen: 19.297 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

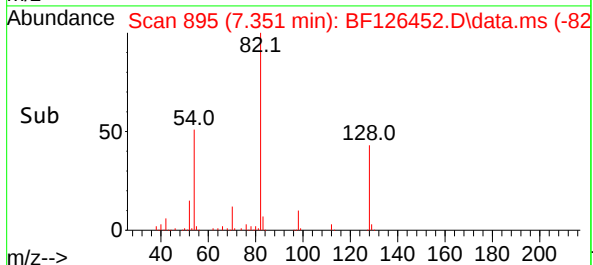
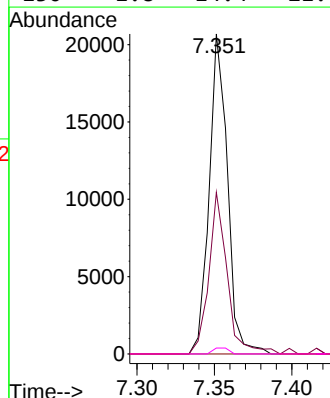
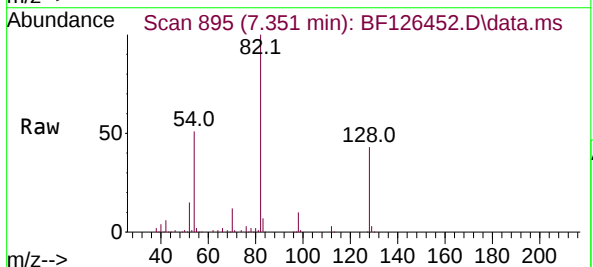
Instrument :
BNA_F
ClientSampleId :
CONC-6C

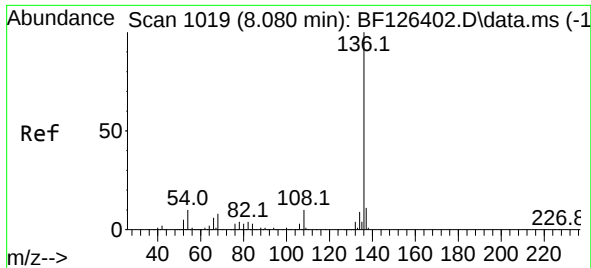
Tgt Ion: 99 Resp: 230028
Ion Ratio Lower Upper
99 100
42 15.6 14.2 21.4
71 26.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.492 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion: 70 Resp: 16951
Ion Ratio Lower Upper
70 100
42 50.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

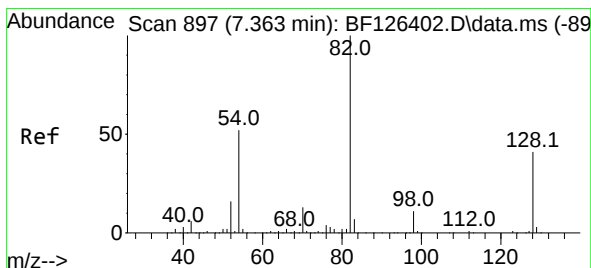
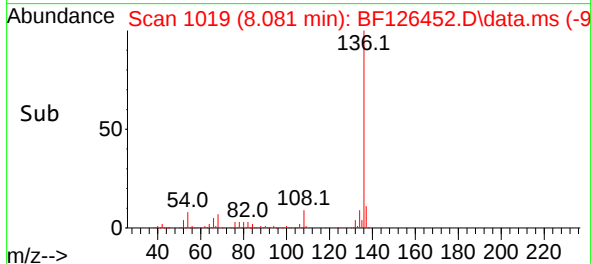
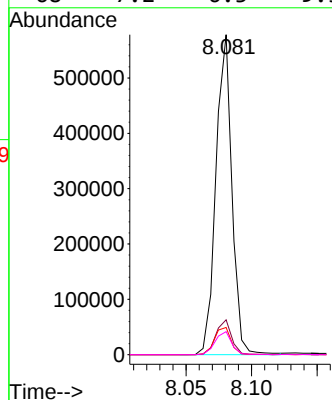
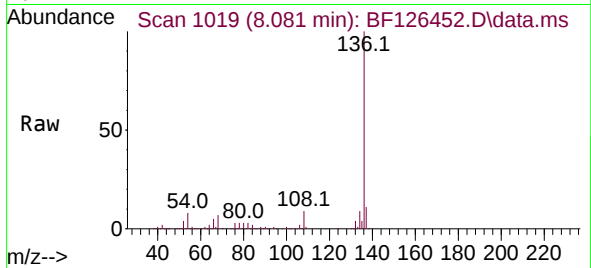




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

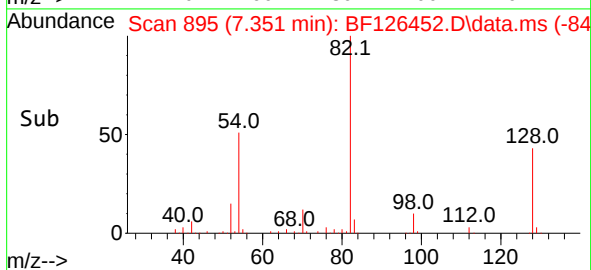
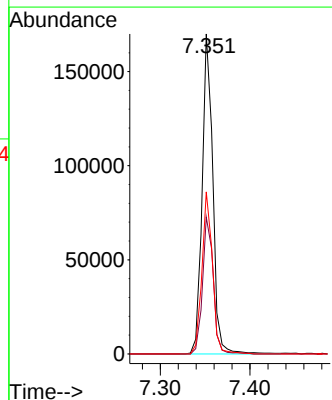
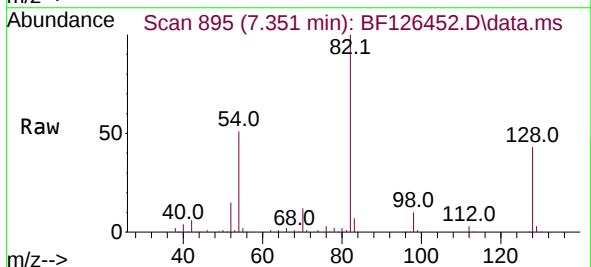
Instrument :
BNA_F
ClientSampleId :
CONC-6C

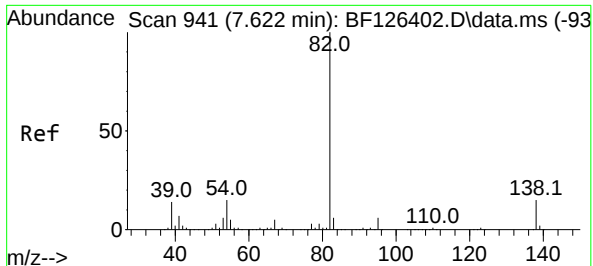
Tgt Ion:136 Resp: 490778
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.8 11.6
68 7.2 6.3 9.5



#23
Nitrobenzene-d5
Concen: 14.690 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion: 82 Resp: 140409
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 50.6 41.7 62.5

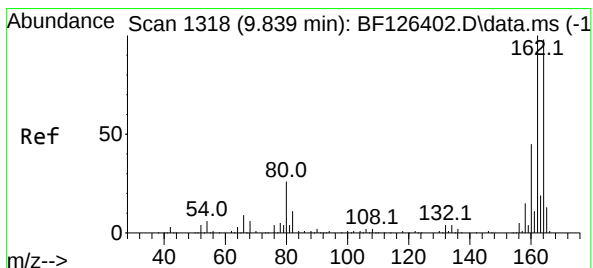
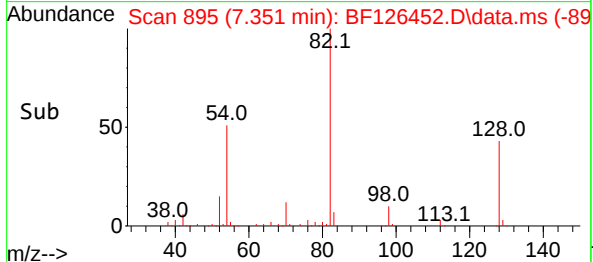
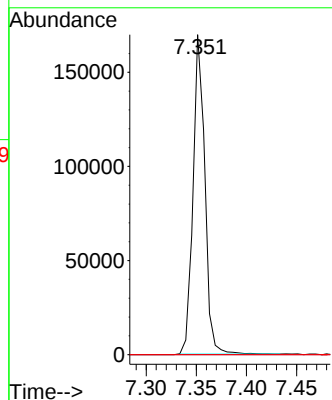
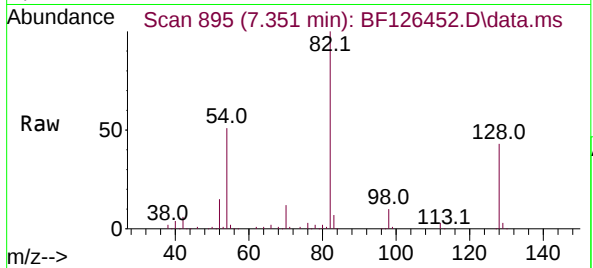




#25
Isophorone
Concen: 8.068 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

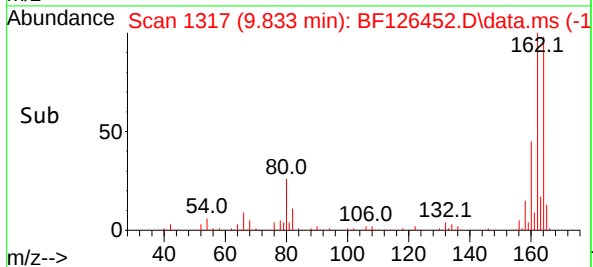
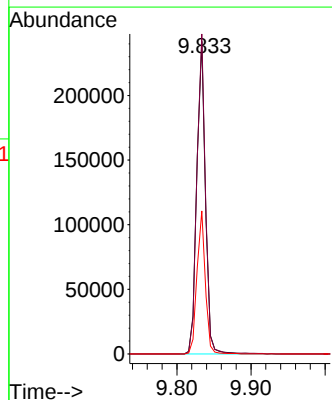
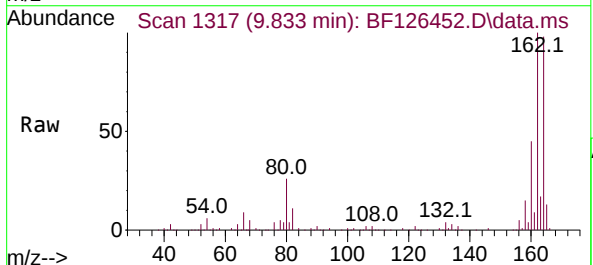
Instrument :
BNA_F
ClientSampleId :
CONC-6C

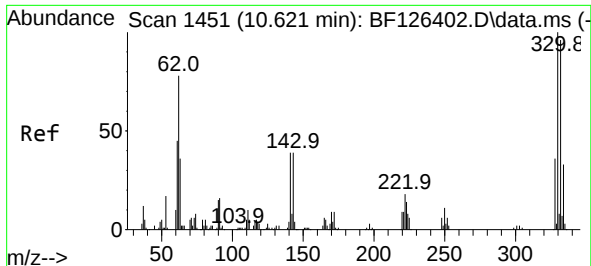
Tgt Ion: 82 Resp: 138042
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion: 164 Resp: 195658
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 16.499 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126452.D

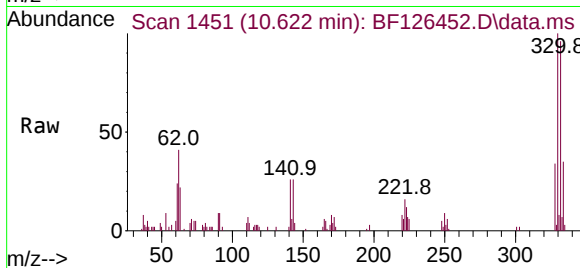
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Instrument :

BNA_F

ClientSampleId :

CONC-6C



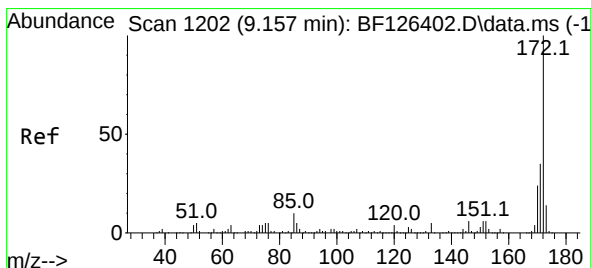
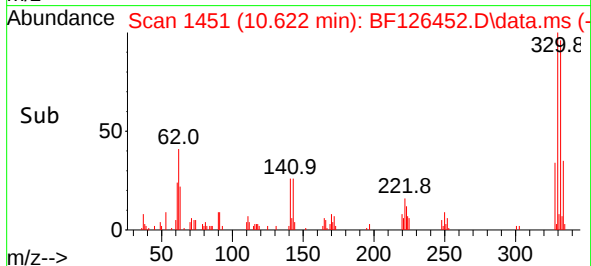
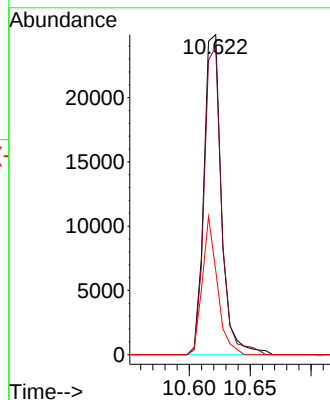
Tgt Ion:330 Resp: 24946

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 36.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 18.215 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF126452.D

Acq: 3 Jan 2022 13:05

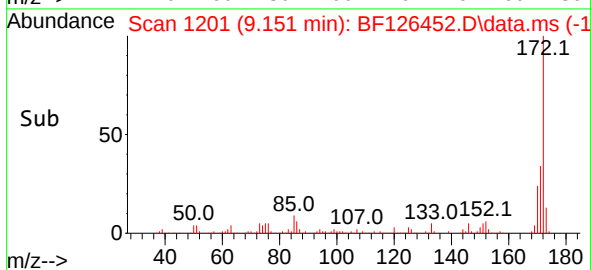
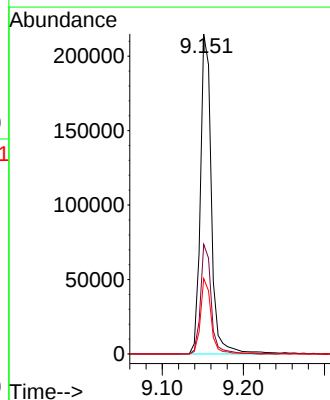
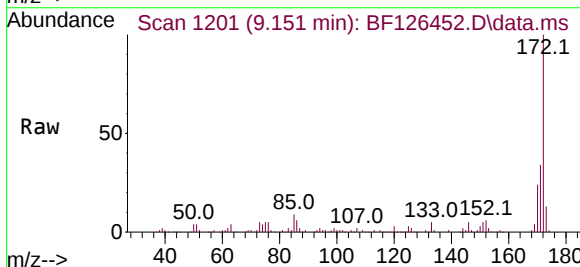
Tgt Ion:172 Resp: 202527

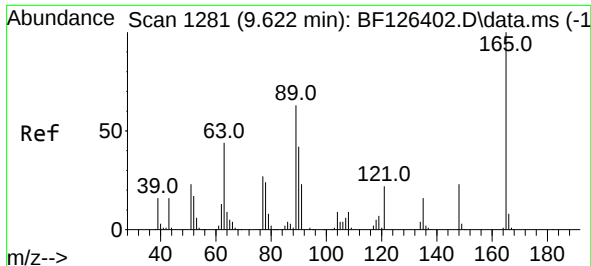
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.447 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126452.D

Acq: 3 Jan 2022 13:05

Instrument :

BNA_F

ClientSampleId :

CONC-6C

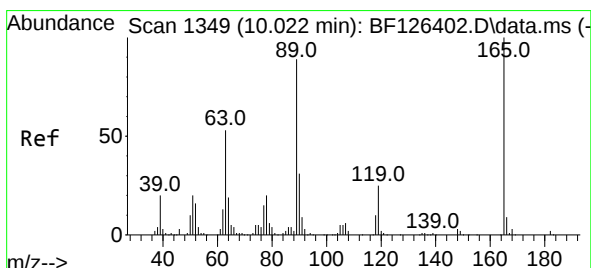
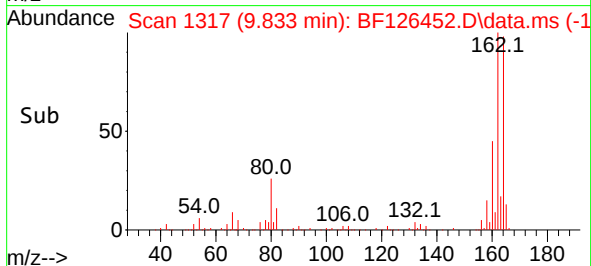
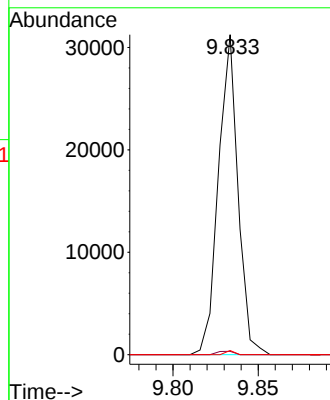
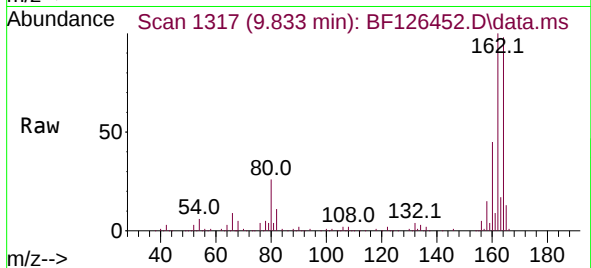
Tgt Ion:165 Resp: 24919

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.322 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126452.D

Acq: 3 Jan 2022 13:05

Tgt Ion:165 Resp: 24919

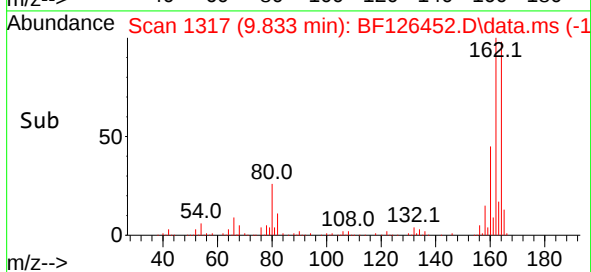
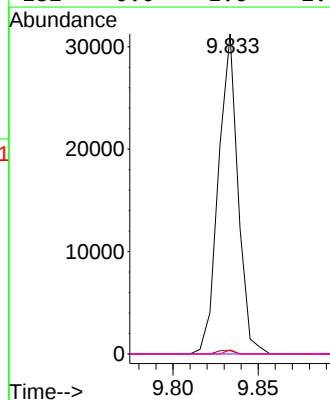
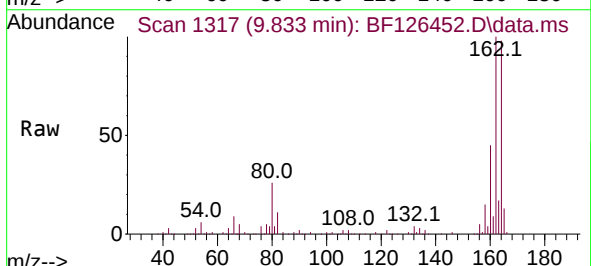
Ion Ratio Lower Upper

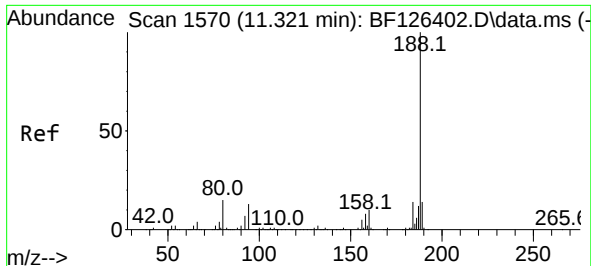
165 100

63 1.1 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

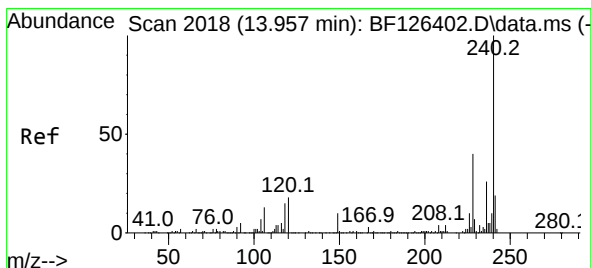
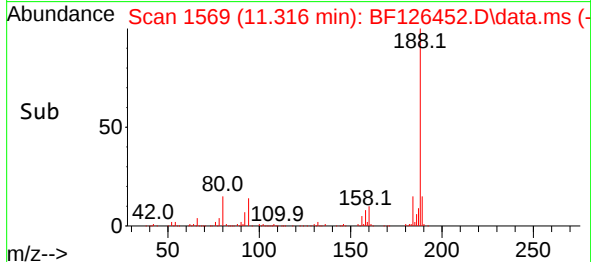
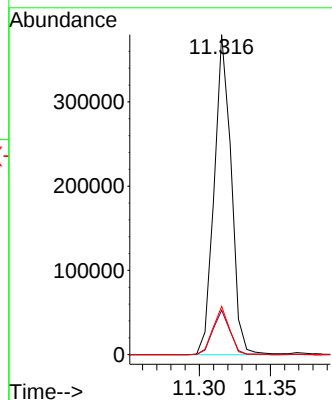
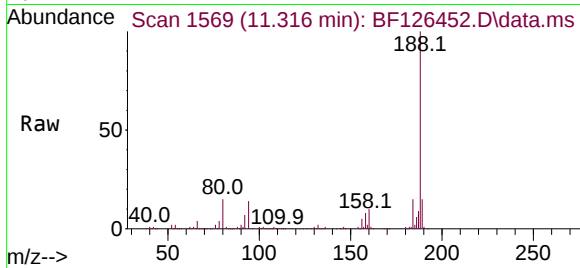




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

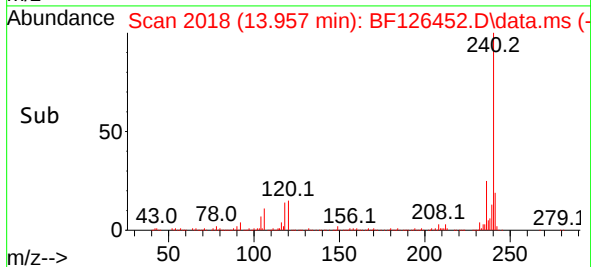
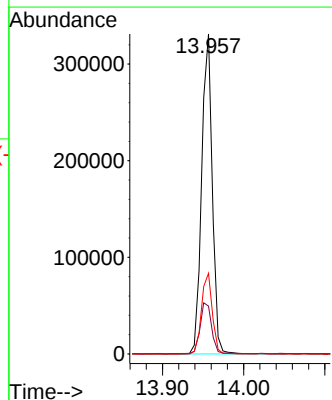
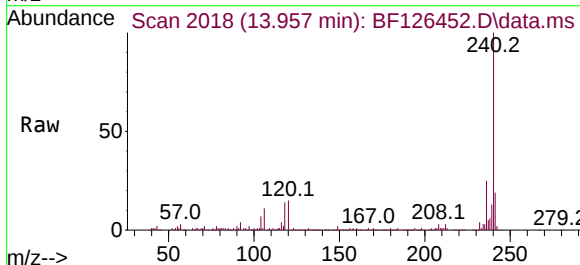
Instrument :
BNA_F
ClientSampleId :
CONC-6C

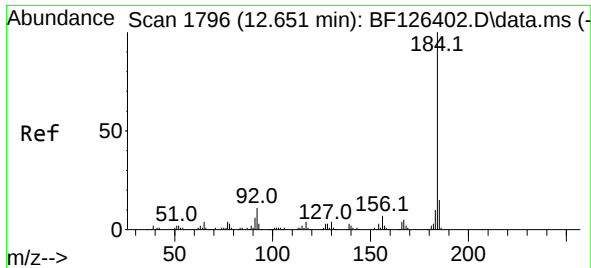
Tgt Ion:188 Resp: 315192
Ion Ratio Lower Upper
188 100
94 13.9 10.1 15.1
80 15.1 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion:240 Resp: 301323
Ion Ratio Lower Upper
240 100
120 14.9 14.4 21.6
236 25.2 20.5 30.7

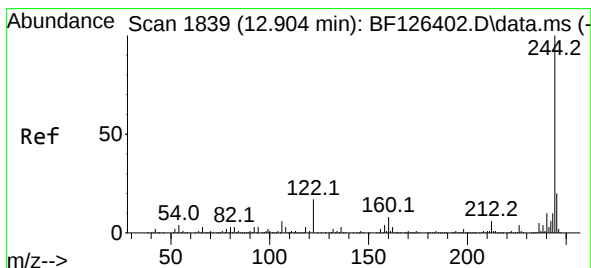
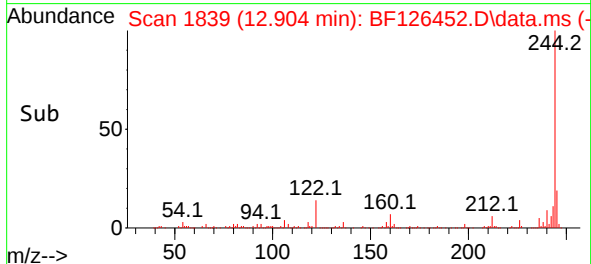
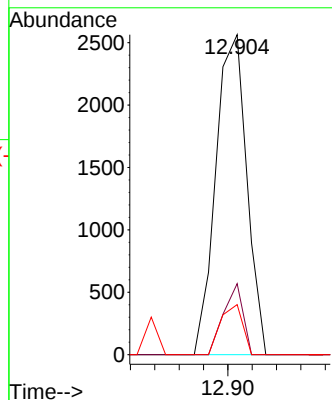
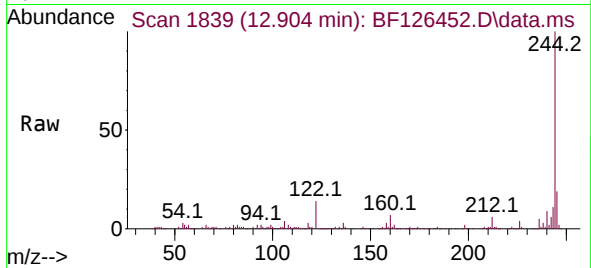




#77
Benzidine
Concen: Below Cal
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

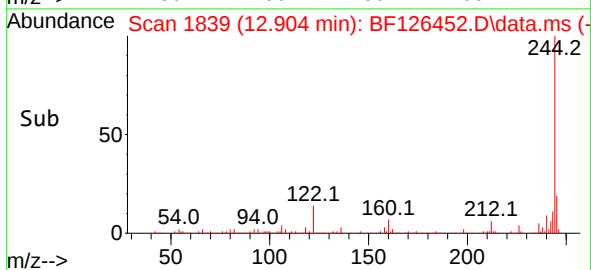
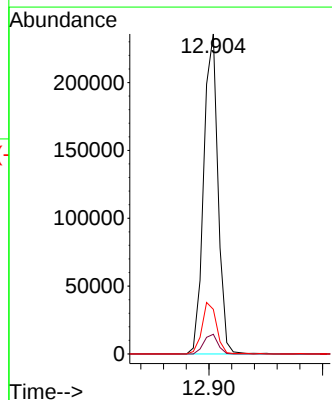
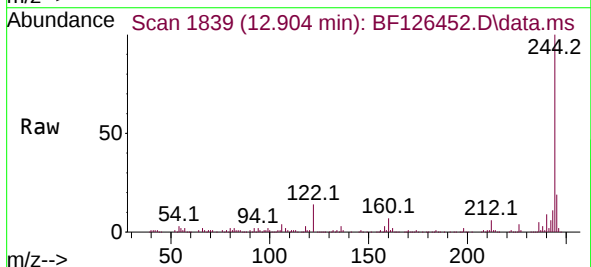
Instrument :
BNA_F
ClientSampleId :
CONC-6C

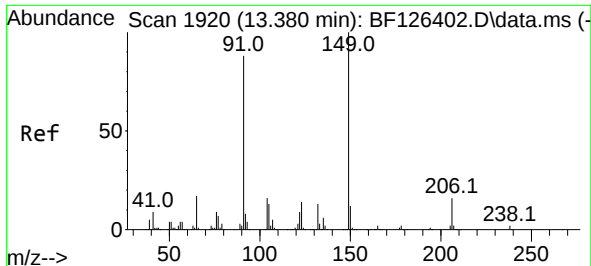
Tgt Ion:184 Resp: 2267
Ion Ratio Lower Upper
184 100
185 22.2 11.8 17.8#
183 15.6 8.2 12.2#



#79
Terphenyl-d14
Concen: 13.290 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion:244 Resp: 206114
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 14.0 13.3 19.9

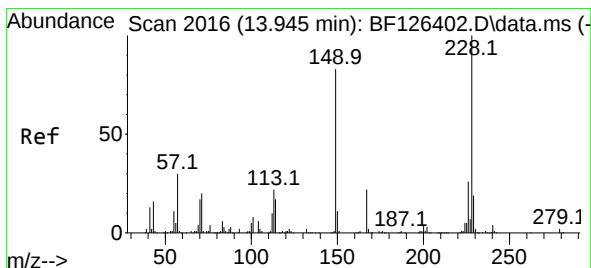
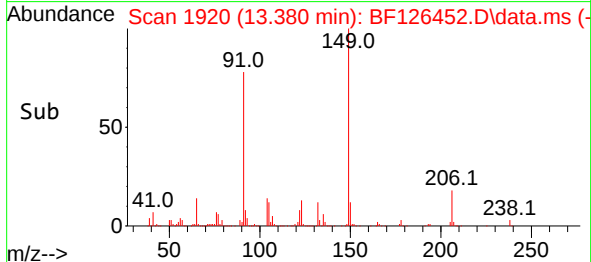
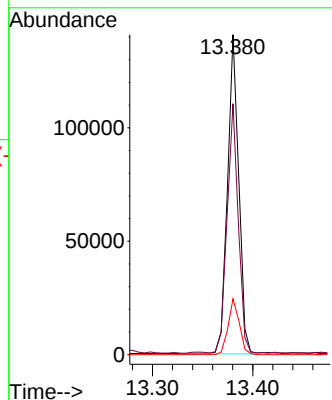
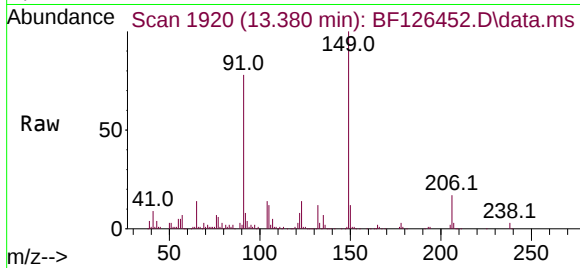




#80
Butylbenzylphthalate
Concen: 9.743 ng
RT: 13.380 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

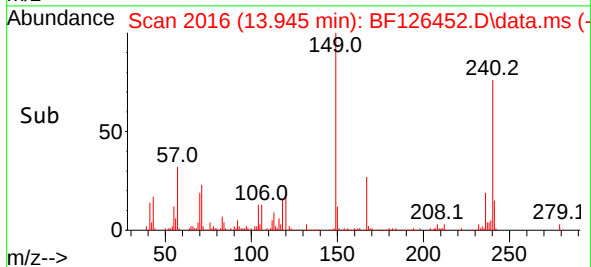
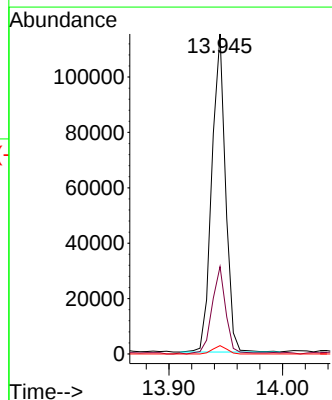
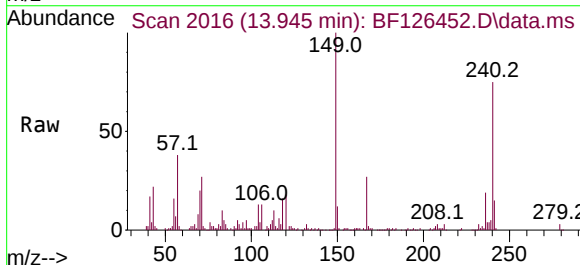
Instrument :
BNA_F
ClientSampleId :
CONC-6C

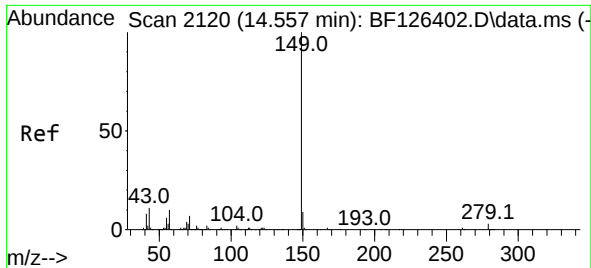
Tgt Ion:149 Resp: 109942
Ion Ratio Lower Upper
149 100
91 78.4 70.5 105.7
206 17.5 12.6 19.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.204 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion:149 Resp: 95941
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 2.6 2.4 3.6

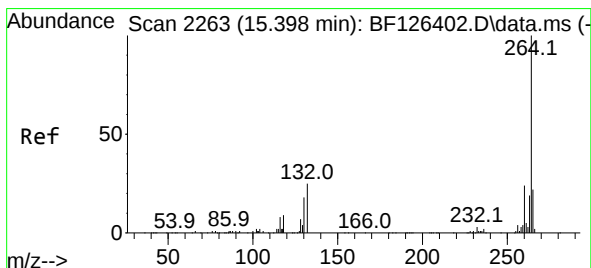
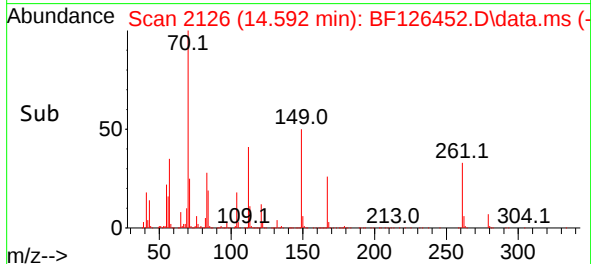
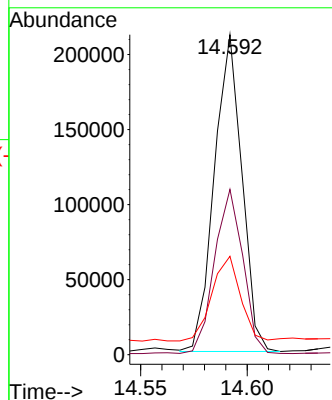
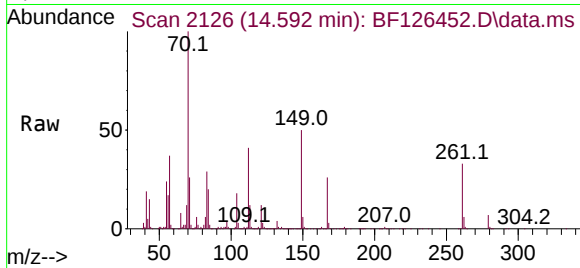




#85
Di-n-octyl phthalate
Concen: 9.362 ng
RT: 14.592 min Scan# 2120
Delta R.T. 0.035 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Instrument :
BNA_F
ClientSampleId :
CONC-6C

Tgt Ion:149 Resp: 189875
Ion Ratio Lower Upper
149 100
167 54.1 1.1 1.7#
43 27.8 9.9 14.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF126452.D
Acq: 3 Jan 2022 13:05

Tgt Ion:264 Resp: 235444
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.4 26.2

