

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126892.D
 Acq On : 15 Feb 2022 15:30
 Operator : CG\JU
 Sample : N1528-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-6C

Quant Time: Feb 16 00:17:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

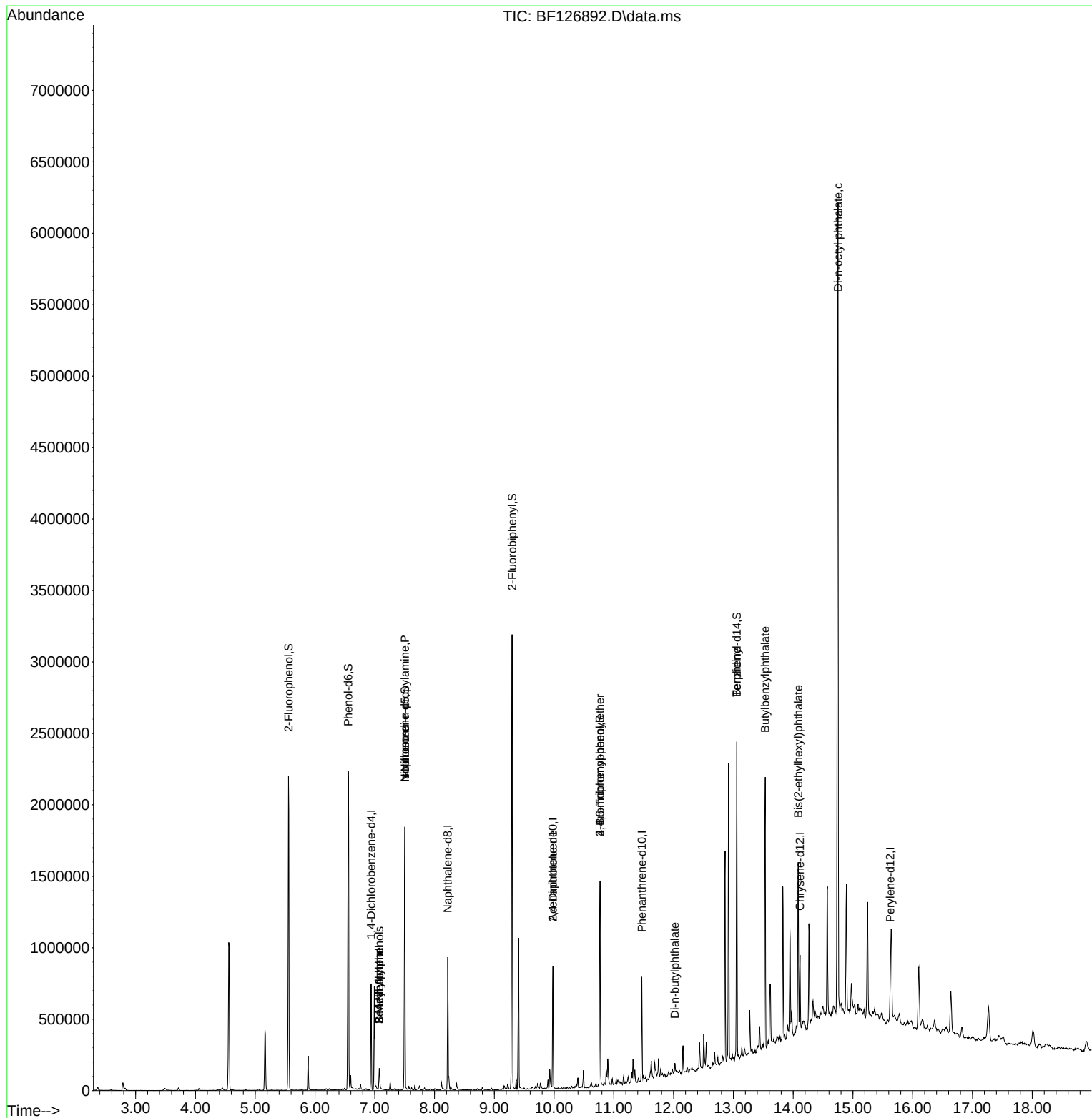
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	86821	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	346530	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	155546	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	217122	20.000	ng	0.00
76) Chrysene-d12	14.115	240	152695	20.000	ng	0.00
86) Perylene-d12	15.627	264	124215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	554421	98.319	ng	0.00
7) Phenol-d6	6.557	99	754666	99.134	ng	0.00
23) Nitrobenzene-d5	7.504	82	557621	74.246	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	143768	86.214	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	840580	81.347	ng	0.00
79) Terphenyl-d14	13.057	244	637092	59.813	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.075	79	26971	4.483	ng	96
17) 2-Methylphenol	7.075	107	13531	2.577	ng	# 23
19) n-Nitroso-di-n-propyla...	7.504	70	75523	15.666	ng	# 79
20) 3+4-Methylphenols	7.075	107	13531	2.009	ng	# 6
25) Isophorone	7.504	82	557609	44.315	ng	# 68
57) 2,4-Dinitrotoluene	9.980	165	19566	6.641	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	8652	3.667	ng	# 1
74) Di-n-butylphthalate	12.021	149	29722	2.107	ng	# 97
77) Benzidine	13.057	184	10283	2.559	ng	94
80) Butylbenzylphthalate	13.533	149	387444	61.044	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	296245	35.997	ng	100
85) Di-n-octyl phthalate	14.751	149	599773	53.093	ng	# 53

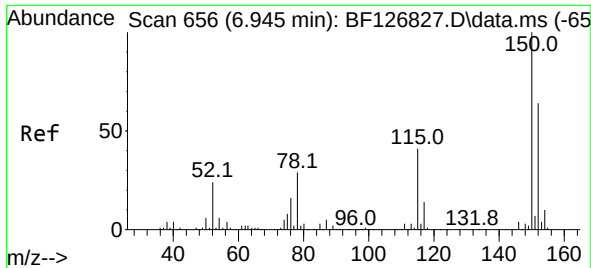
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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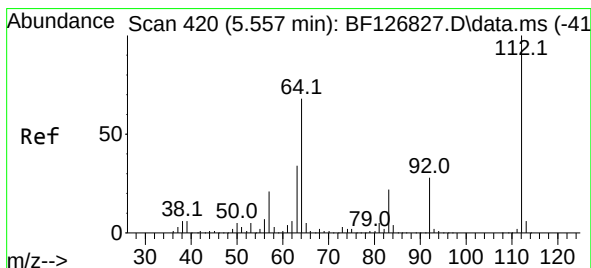
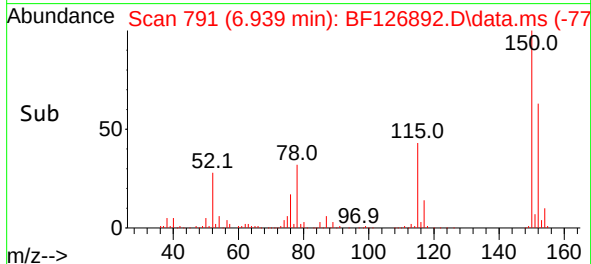
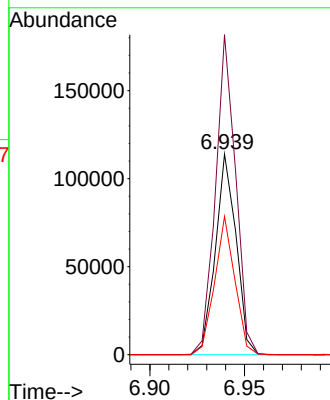
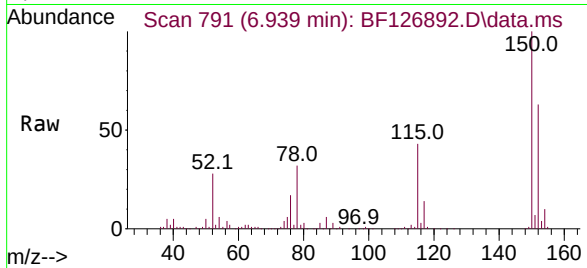




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF126892.D
 Acq: 15 Feb 2022 15:30

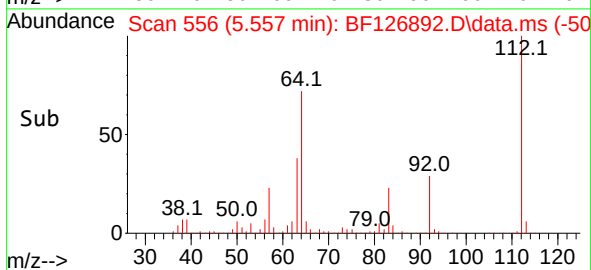
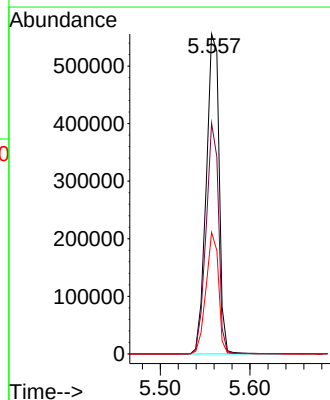
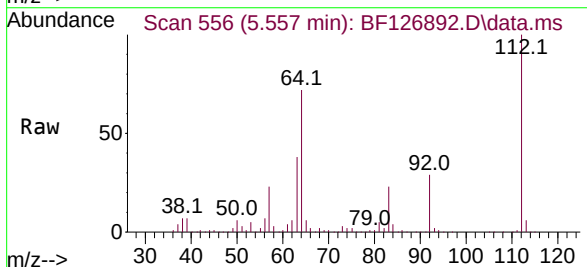
Instrument :
 BNA_F
 ClientSampleId :
 CONC-6C

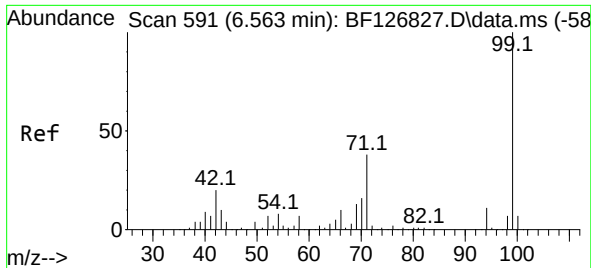
Tgt Ion:152 Resp: 86821
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.3 186.5
 115 68.9 50.5 75.7



#5
 2-Fluorophenol
 Concen: 98.319 ng
 RT: 5.557 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: BF126892.D
 Acq: 15 Feb 2022 15:30

Tgt Ion:112 Resp: 554421
 Ion Ratio Lower Upper
 112 100
 64 72.1 54.3 81.5
 63 38.0 27.5 41.3

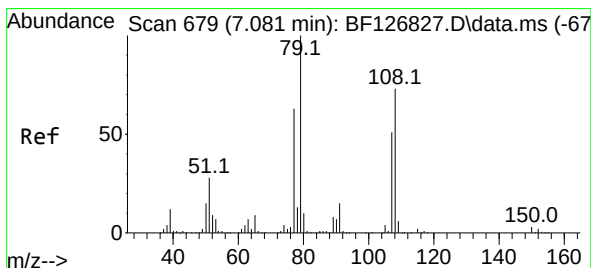
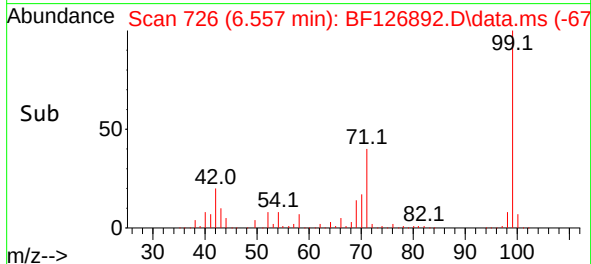
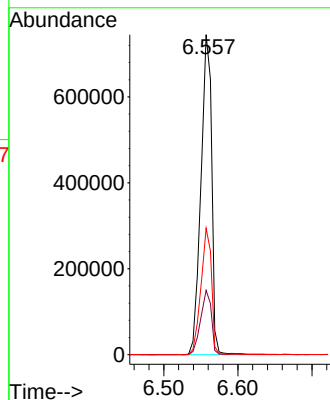
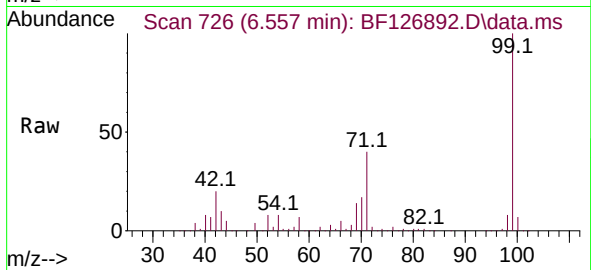




#7
Phenol-d6
Concen: 99.134 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

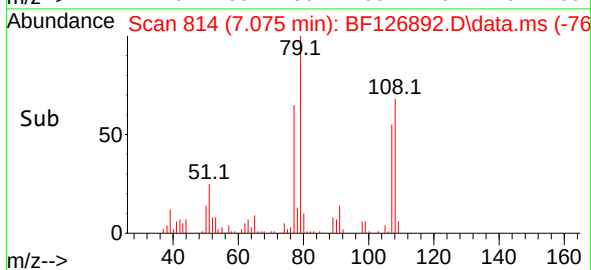
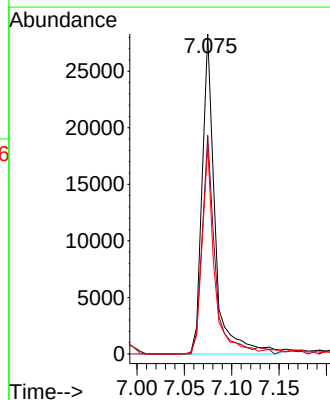
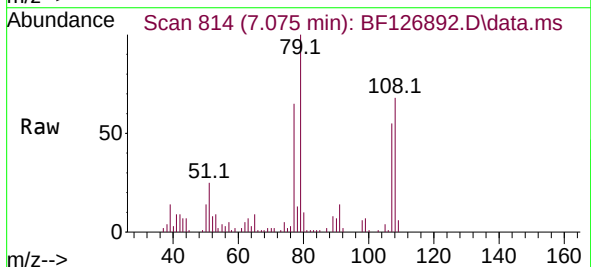
Instrument :
BNA_F
ClientSampleId :
CONC-6C

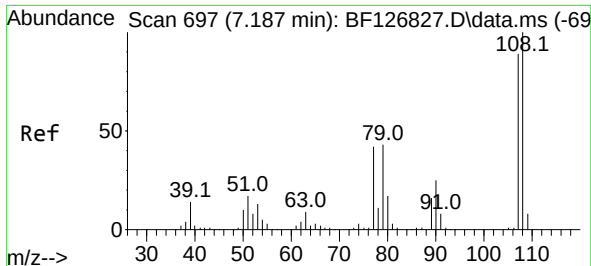
Tgt Ion: 99 Resp: 754666
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 39.5 30.6 45.8



#15
Benzyl Alcohol
Concen: 4.483 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion: 79 Resp: 26971
Ion Ratio Lower Upper
79 100
108 68.3 58.1 87.1
77 65.0 50.0 75.0

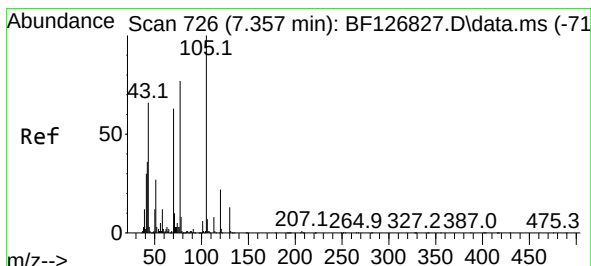
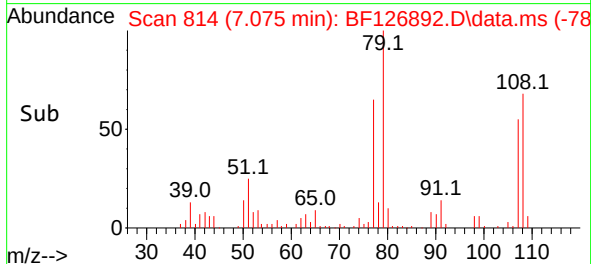
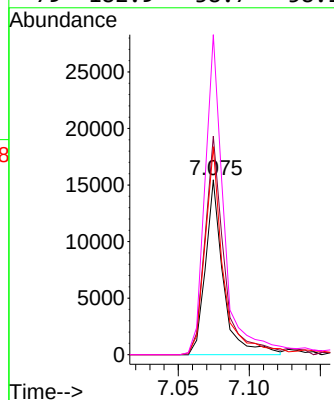
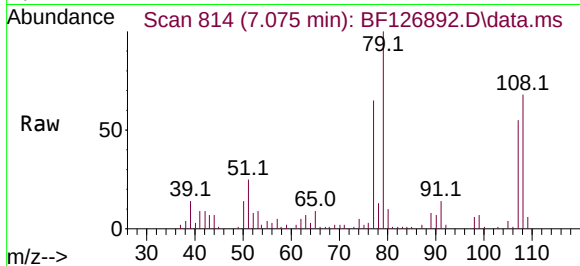




#17
2-Methylphenol
Concen: 2.577 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.112 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

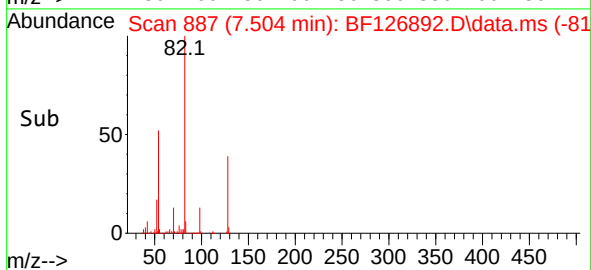
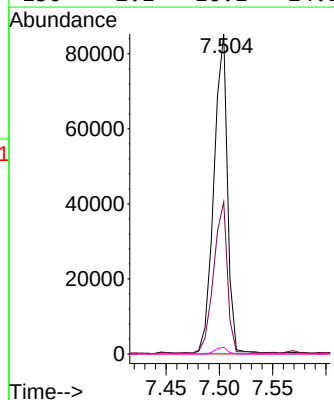
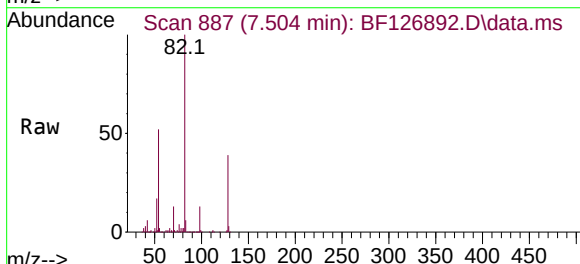
Instrument :
BNA_F
ClientSampleId :
CONC-6C

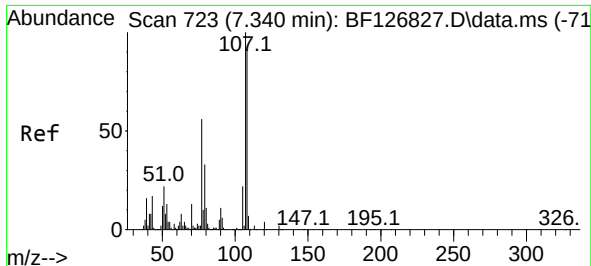
Tgt Ion:107	Resp:	13531
Ion	Ratio	Lower Upper
107	100	
108	125.0	90.0 135.0
77	118.9	38.0 57.0#
79	182.9	38.7 58.1#



#19
n-Nitroso-di-n-propylamine
Concen: 15.666 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion: 70	Resp:	75523
Ion	Ratio	Lower Upper
70	100	
42	47.5	46.3 69.5
101	0.0	7.5 11.3#
130	2.1	16.1 24.1#

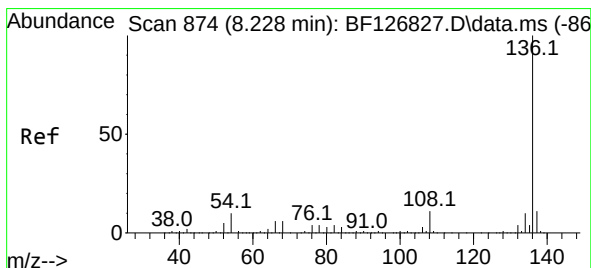
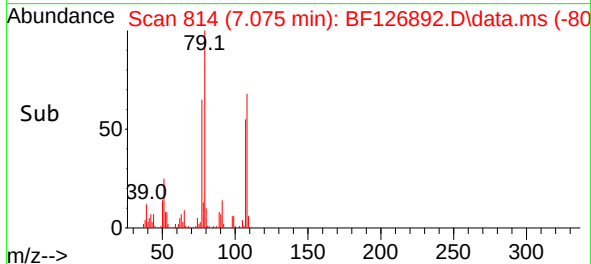
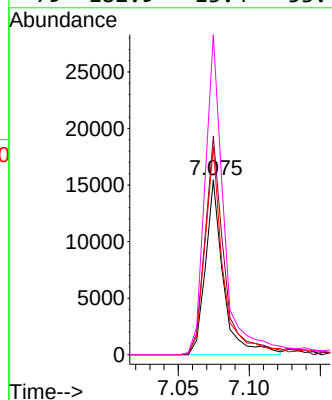
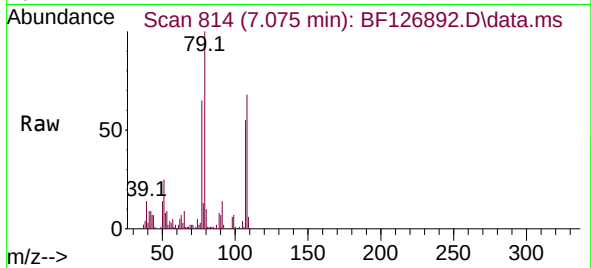




#20
3+4-Methylphenols
Concen: 2.009 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

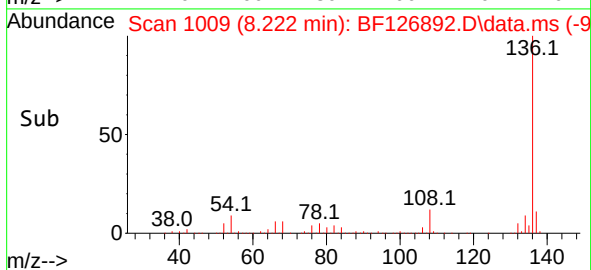
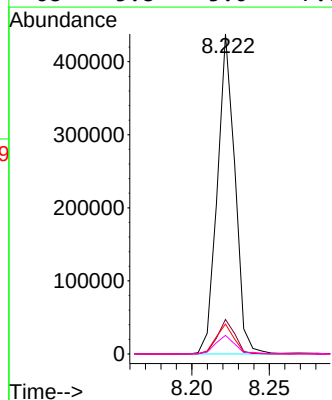
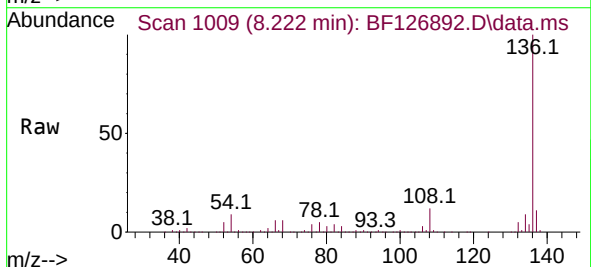
Instrument :
BNA_F
ClientSampleId :
CONC-6C

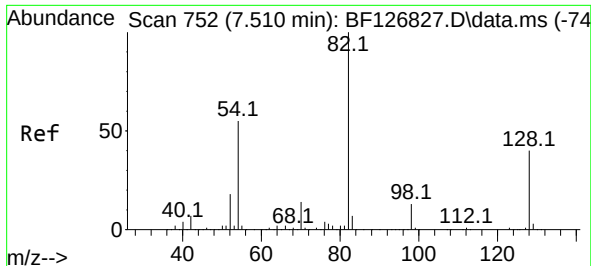
Tgt Ion:107 Resp: 13531
Ion Ratio Lower Upper
107 100
108 125.0 70.6 110.6#
77 118.9 35.6 75.6#
79 182.9 13.4 53.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion:136 Resp: 346530
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 8.0 12.0
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 74.246 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONC-6C

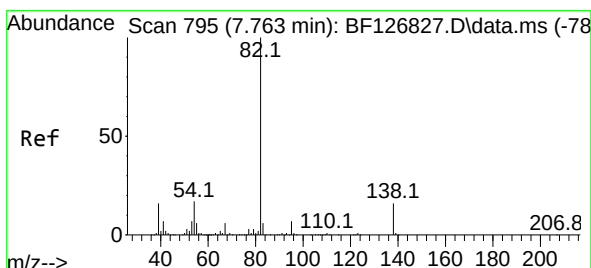
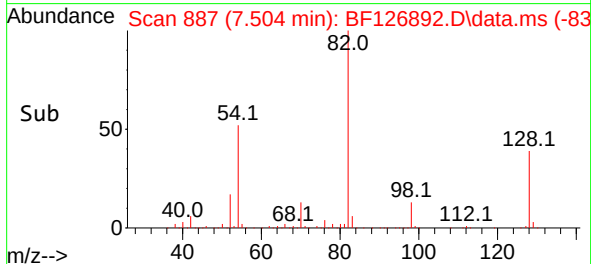
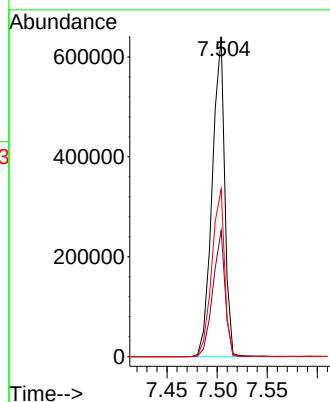
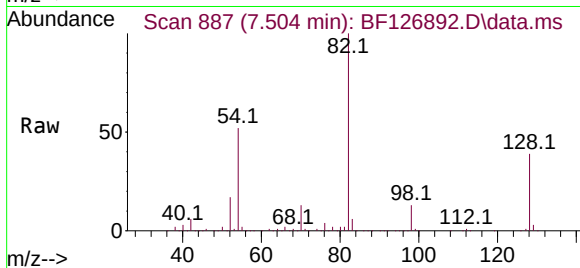
Tgt Ion: 82 Resp: 557621

Ion Ratio Lower Upper

82 100

128 39.5 31.6 47.4

54 52.3 43.7 65.5



#25

Isophorone

Concen: 44.315 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

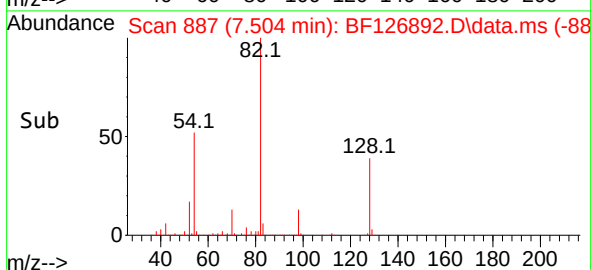
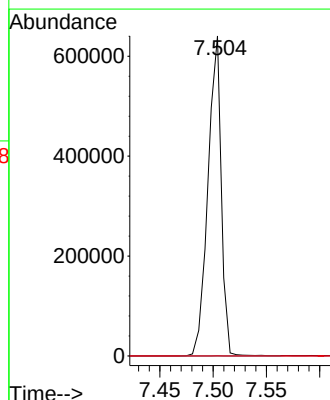
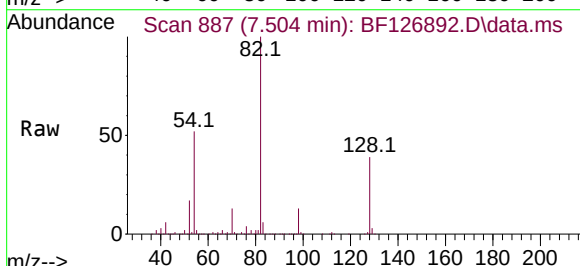
Tgt Ion: 82 Resp: 557609

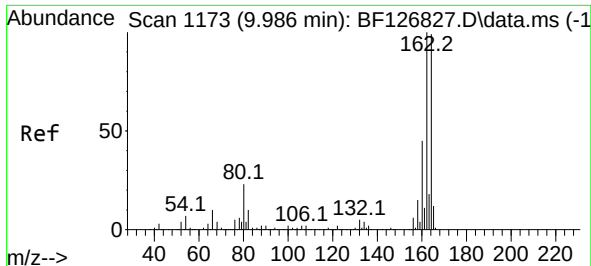
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

138 0.0 12.6 19.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONC-6C

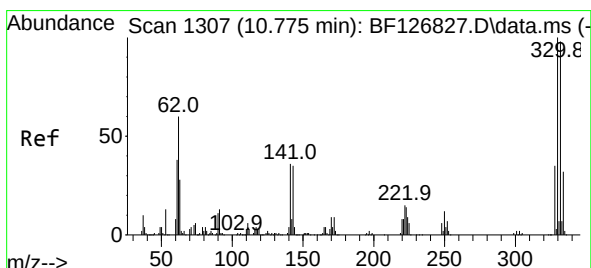
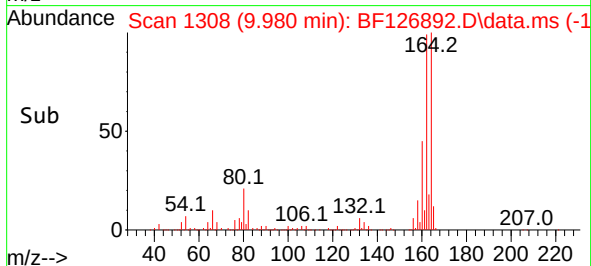
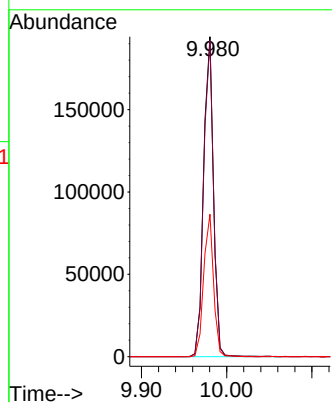
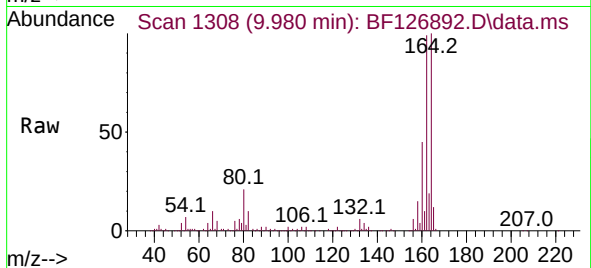
Tgt Ion:164 Resp: 155546

Ion Ratio Lower Upper

164 100

162 98.7 80.9 121.3

160 44.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 86.214 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

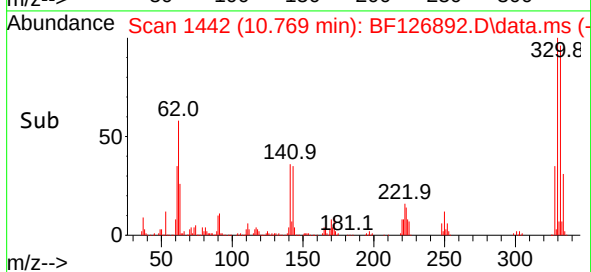
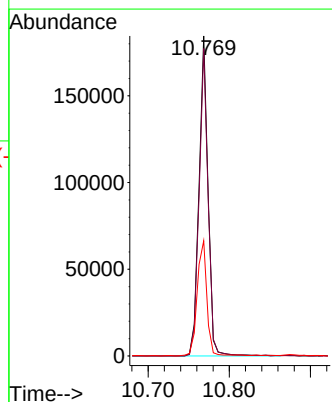
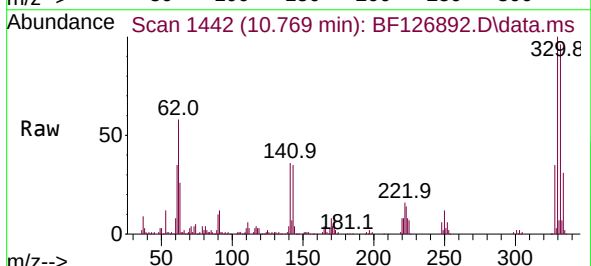
Tgt Ion:330 Resp: 143768

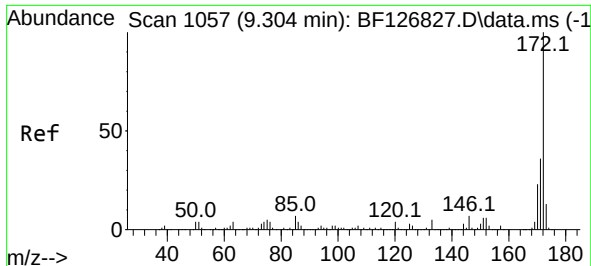
Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.4

141 38.7 31.2 46.8

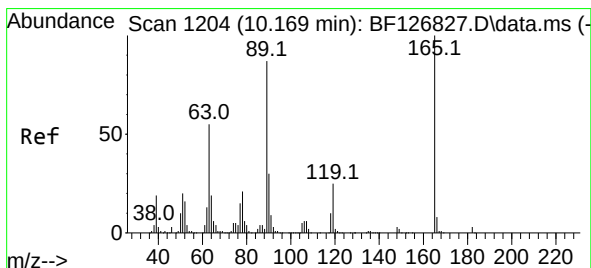
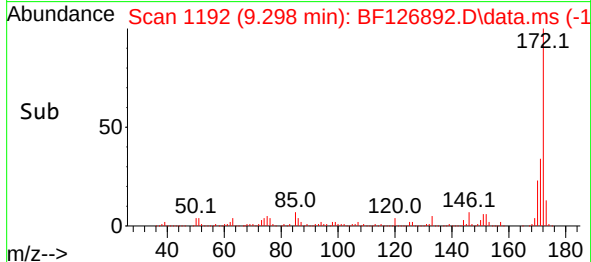
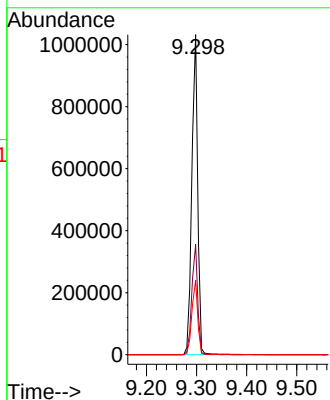
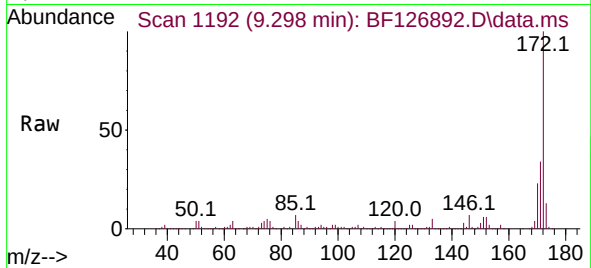




#45
2-Fluorobiphenyl
Concen: 81.347 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

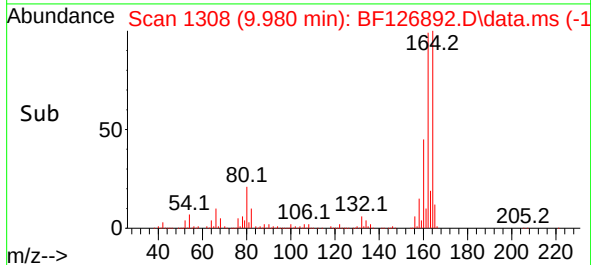
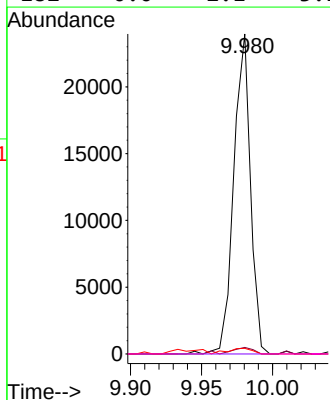
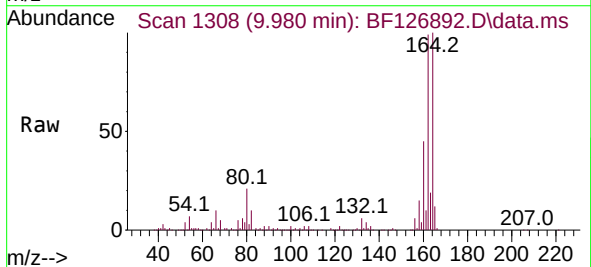
Instrument :
BNA_F
ClientSampleId :
CONC-6C

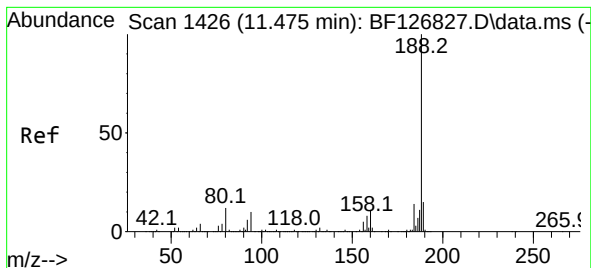
Tgt Ion:172 Resp: 840580
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.3 18.7 28.1



#57
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion:165 Resp: 19566
Ion Ratio Lower Upper
165 100
63 2.0 43.9 65.9#
89 1.7 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONC-6C

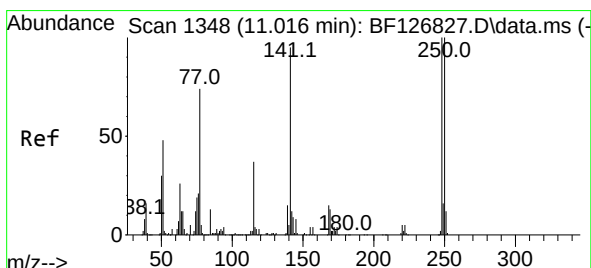
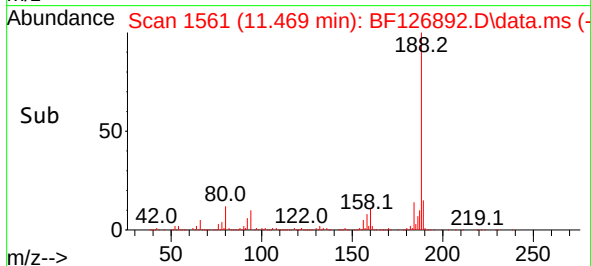
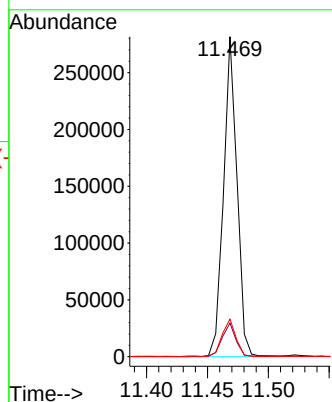
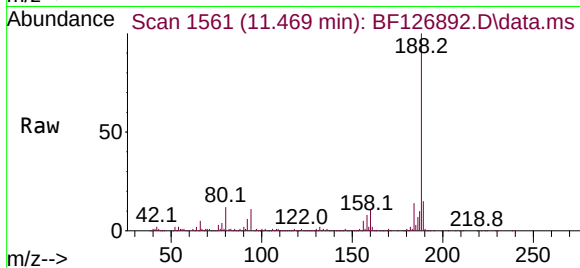
Tgt Ion:188 Resp: 217122

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.8 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 3.667 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

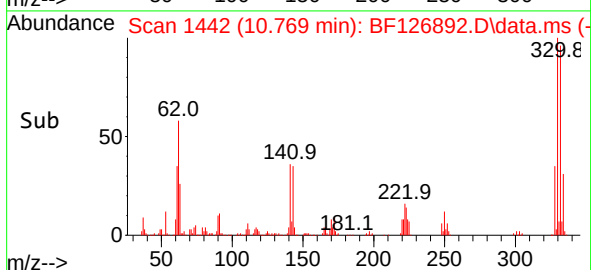
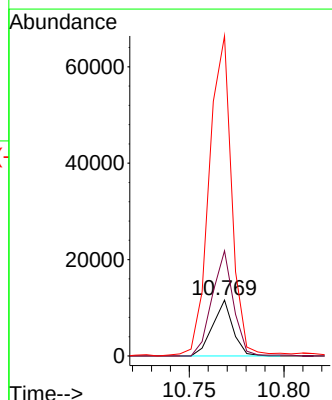
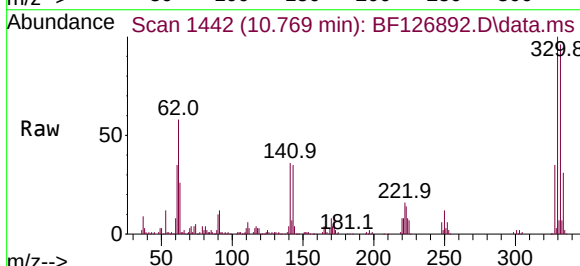
Tgt Ion:248 Resp: 8652

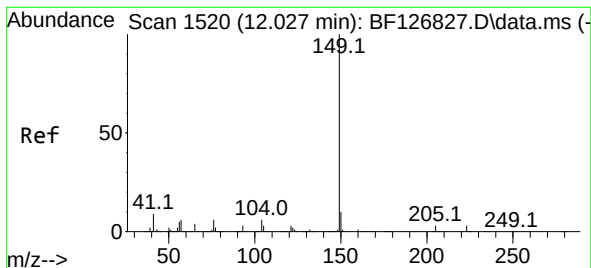
Ion Ratio Lower Upper

248 100

250 188.4 80.0 120.0#

141 573.7 75.6 113.4#





#74

Di-n-butylphthalate

Concen: 2.107 ng

RT: 12.021 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONC-6C

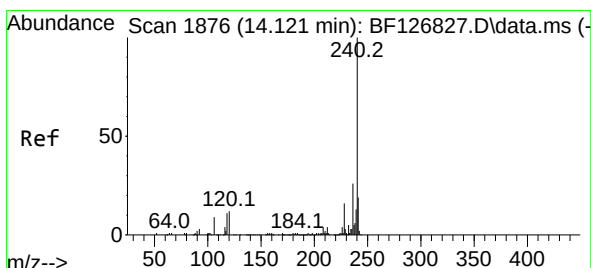
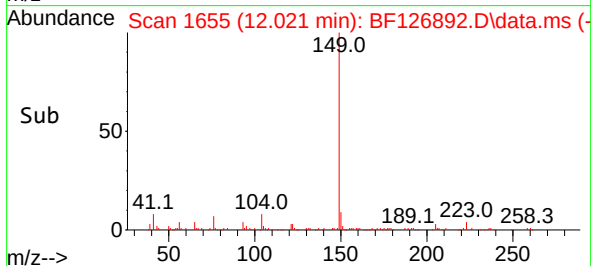
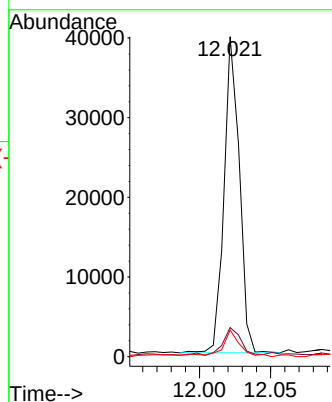
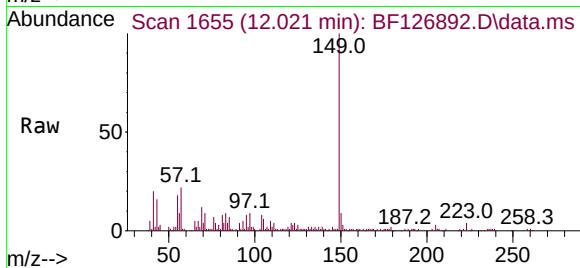
Tgt Ion:149 Resp: 29722

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 8.3 4.8 7.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

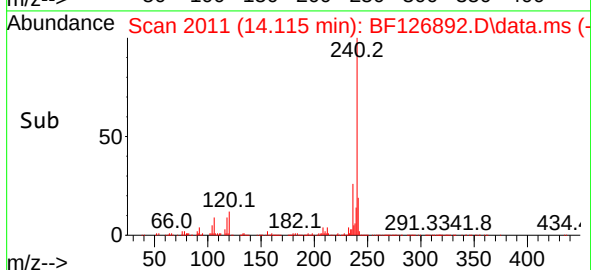
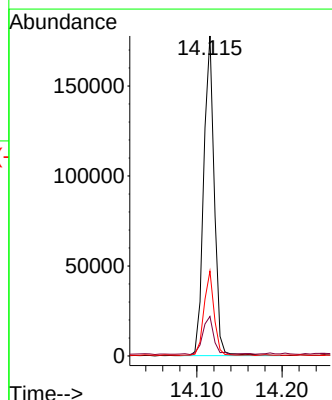
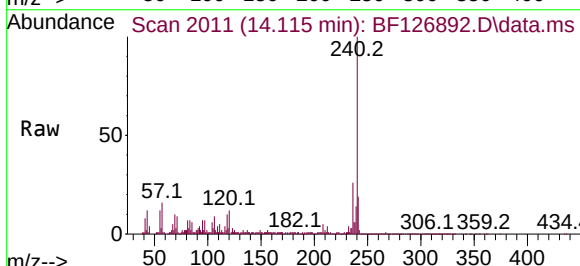
Tgt Ion:240 Resp: 152695

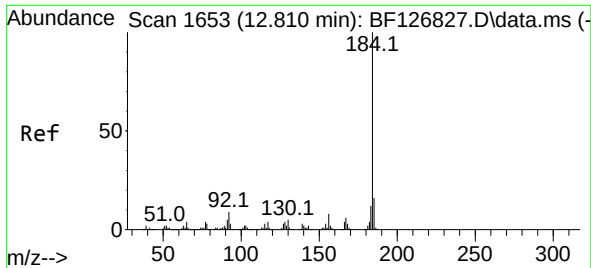
Ion Ratio Lower Upper

240 100

120 12.4 9.8 14.6

236 26.5 20.5 30.7

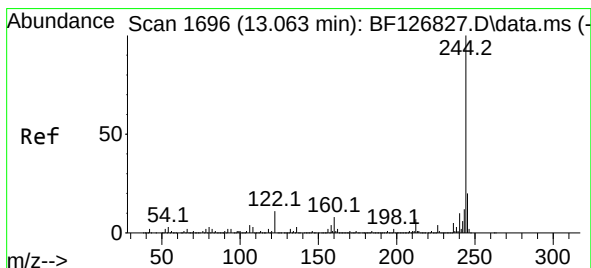
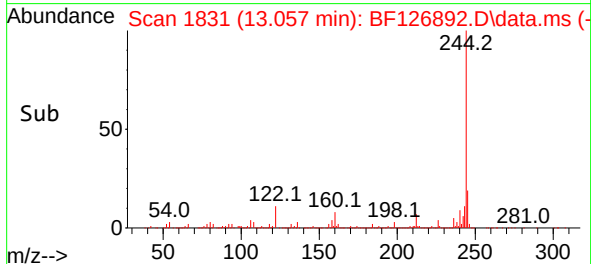
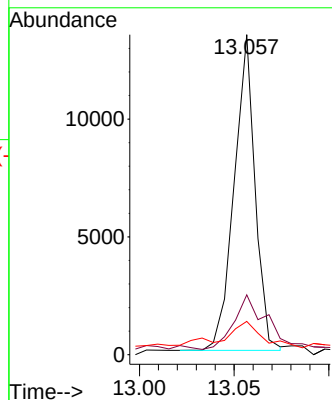
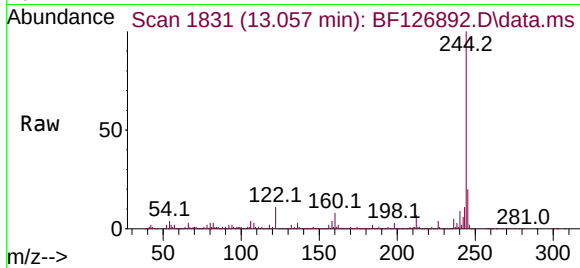




#77
Benzidine
Concen: 2.559 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

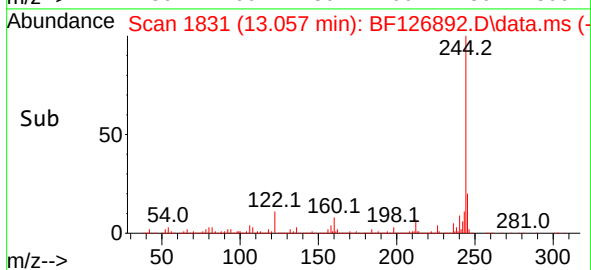
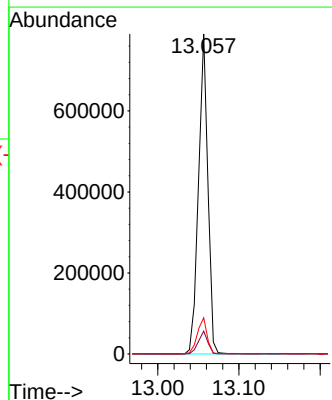
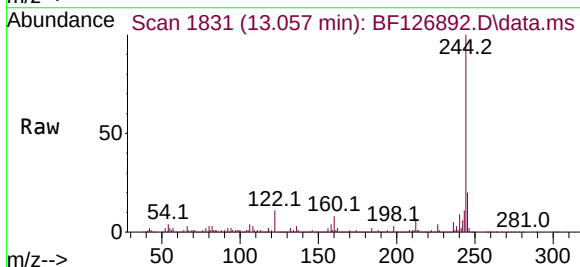
Instrument :
BNA_F
ClientSampleId :
CONC-6C

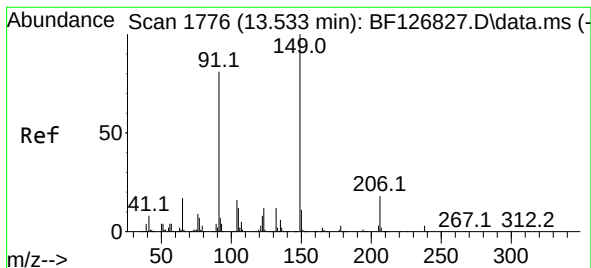
Tgt Ion:184 Resp: 10283
Ion Ratio Lower Upper
184 100
185 18.7 12.5 18.7
183 10.4 9.6 14.4



#79
Terphenyl-d14
Concen: 59.813 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion:244 Resp: 637092
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.3 9.0 13.6





#80

Butylbenzylphthalate

Concen: 61.044 ng

RT: 13.533 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CONC-6C

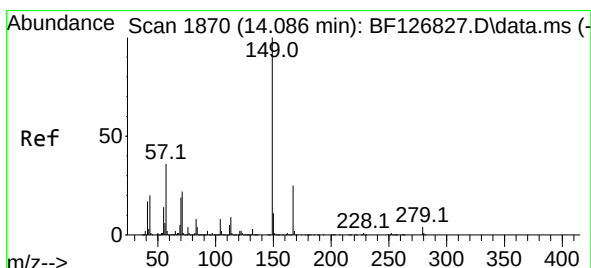
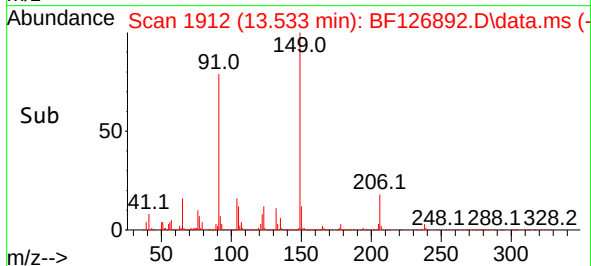
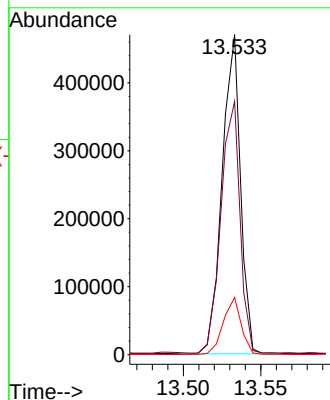
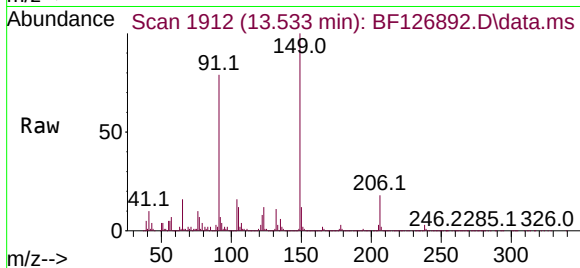
Tgt Ion:149 Resp: 387444

Ion Ratio Lower Upper

149 100

91 79.2 64.7 97.1

206 17.9 14.2 21.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.997 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF126892.D

Acq: 15 Feb 2022 15:30

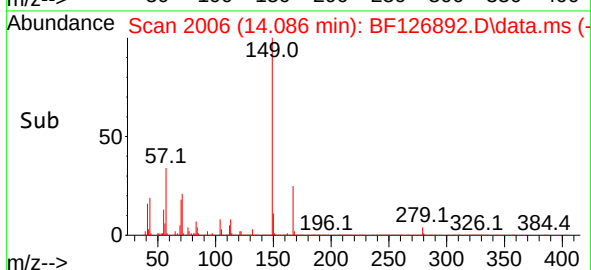
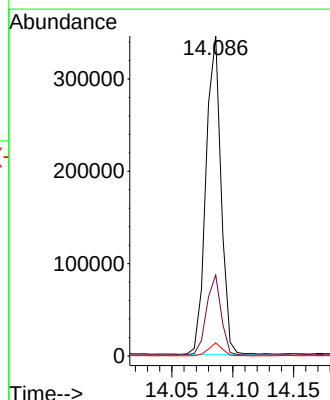
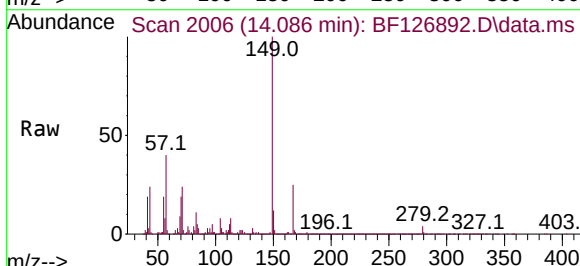
Tgt Ion:149 Resp: 296245

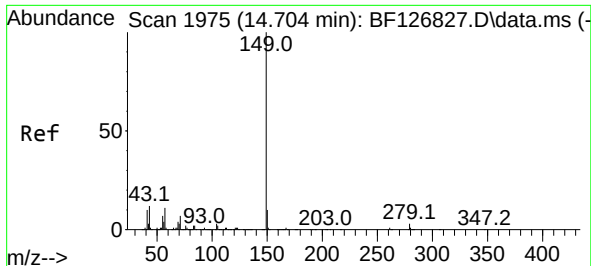
Ion Ratio Lower Upper

149 100

167 25.3 20.3 30.5

279 4.1 3.0 4.4

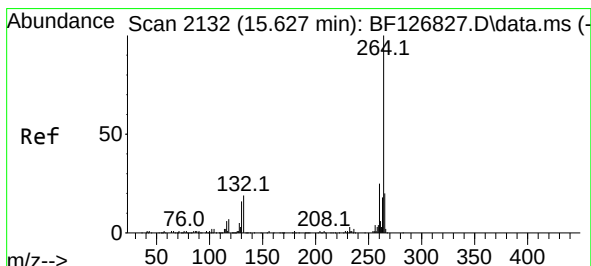
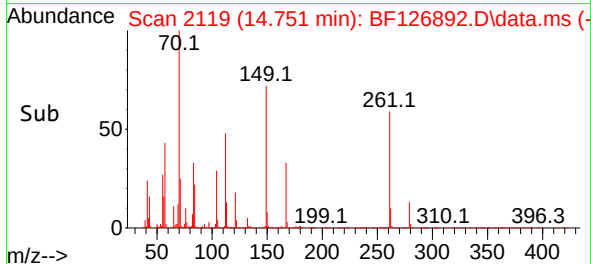
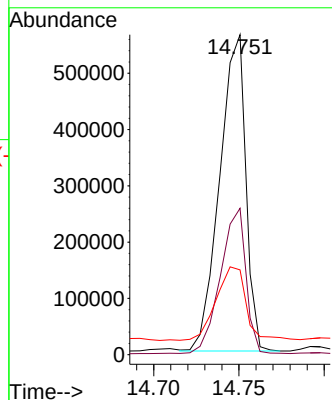
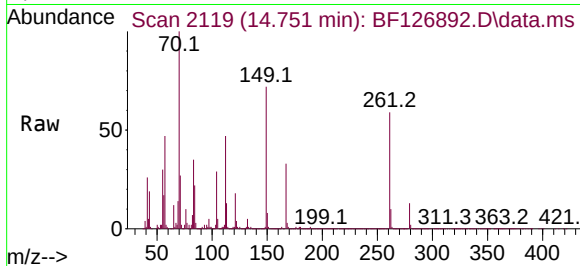




#85
Di-n-octyl phthalate
Concen: 53.093 ng
RT: 14.751 min Scan# 2119
Delta R.T. 0.047 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Instrument :
BNA_F
ClientSampleId :
CONC-6C

Tgt Ion:149 Resp: 599773
Ion Ratio Lower Upper
149 100
167 45.1 1.2 1.8#
43 27.2 9.8 14.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF126892.D
Acq: 15 Feb 2022 15:30

Tgt Ion:264 Resp: 124215
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 20.7 15.9 23.9

