

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126450.D
 Acq On : 3 Jan 2022 12:01
 Operator : JU/CG
 Sample : M5244-07 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2B

Quant Time: Jan 03 12:51:53 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)

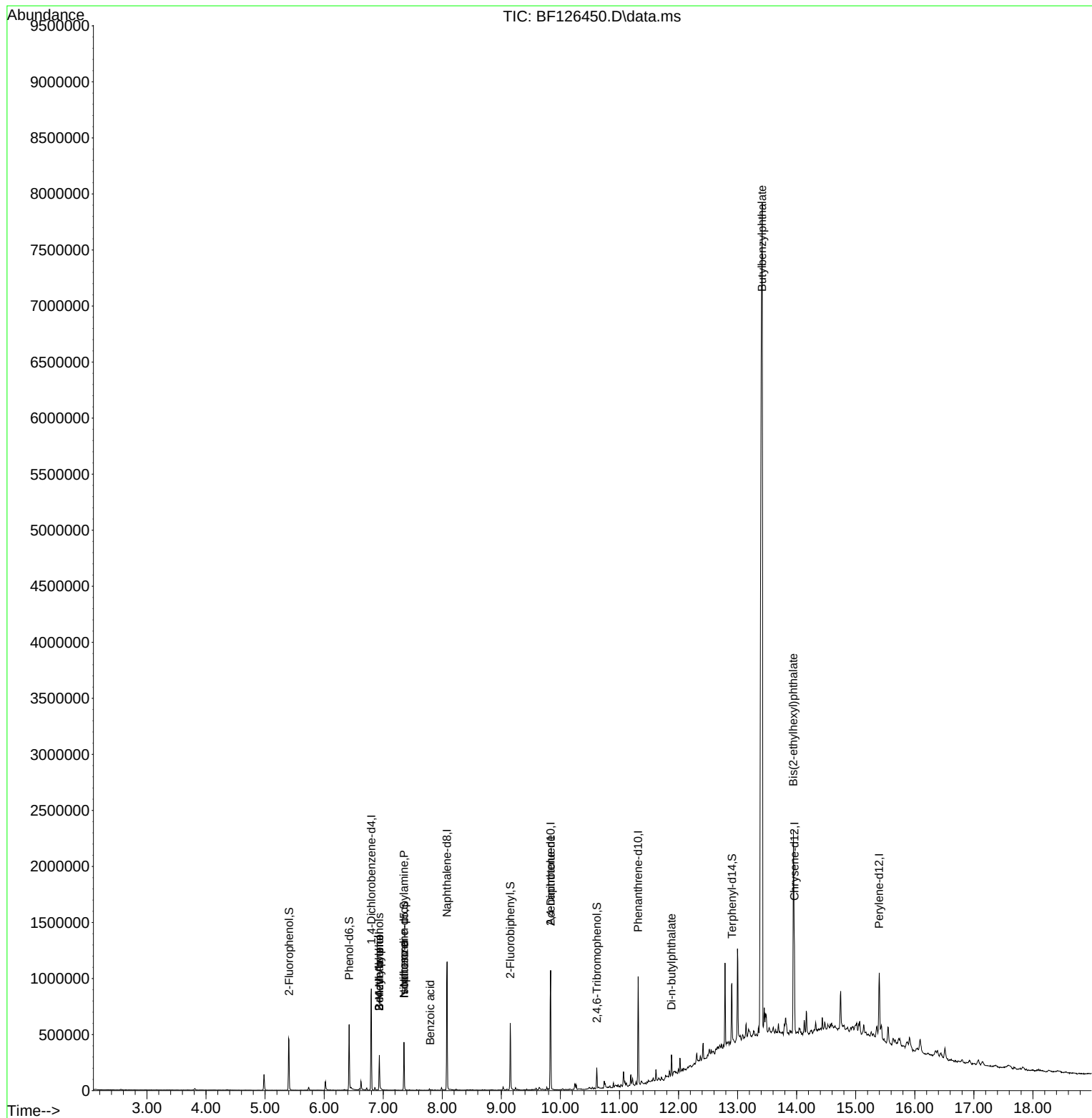
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132162	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	493594	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	201369	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	315140	20.000	ng	0.00
76) Chrysene-d12	13.963	240	273157	20.000	ng	0.00
86) Perylene-d12	15.398	264	229929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	140138	15.227	ng	0.00
7) Phenol-d6	6.422	99	184811	15.504	ng	0.00
23) Nitrobenzene-d5	7.351	82	119390	12.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	17903	11.505	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	175782	15.361	ng	0.00
79) Terphenyl-d14	12.904	244	163461	11.627	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.934	79	58686	7.037	ng	94
17) 2-Methylphenol	6.934	107	33632	4.166	ng	# 17
19) n-Nitroso-di-n-propyla...	7.351	70	14881	2.188	ng	# 80
20) 3+4-Methylphenols	6.934	107	33518	3.487	ng	# 38
25) Isophorone	7.351	82	119236	6.929	ng	# 69
32) Benzoic acid	7.798	122	215	7.114	ng	91
57) 2,4-Dinitrotoluene	9.834	165	24816	7.085	ng	# 14
74) Di-n-butylphthalate	11.880	149	87132	4.848	ng	99
77) Benzidine	12.639	184	731	Below Cal	#	1
80) Butylbenzylphthalate	13.416	149	3858195	377.179	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.945	149	446203	42.091	ng	99

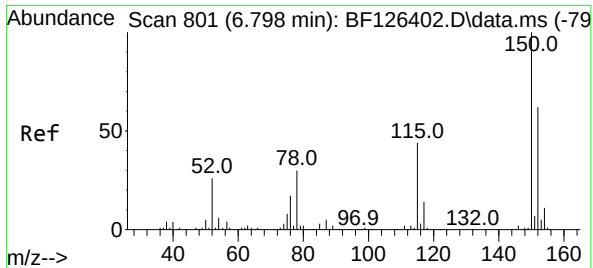
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
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Quant Time: Jan 03 12:51:53 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

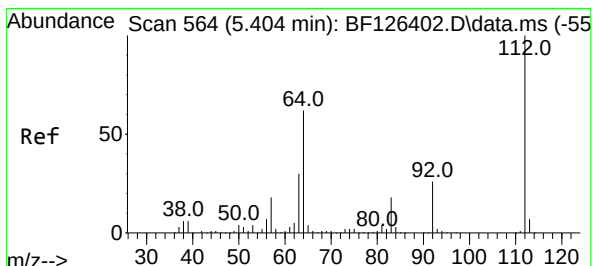
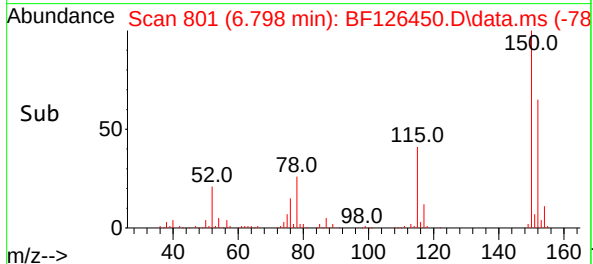
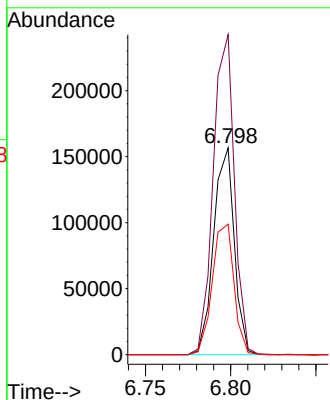
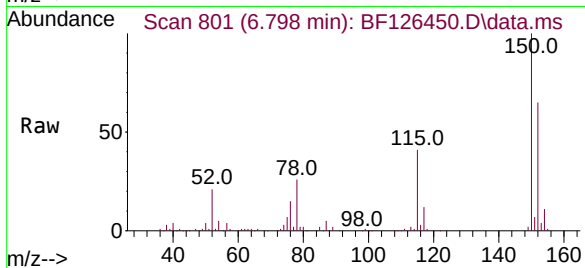




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126450.D
 Acq: 3 Jan 2022 12:01

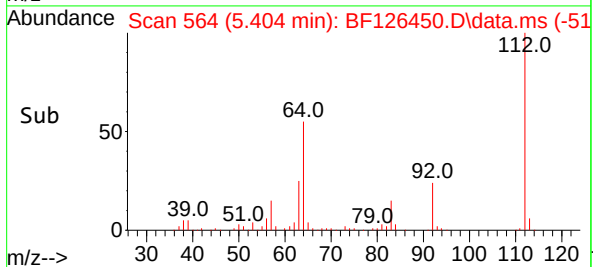
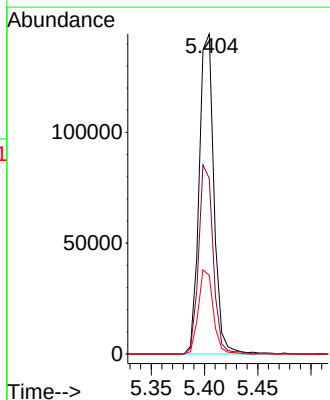
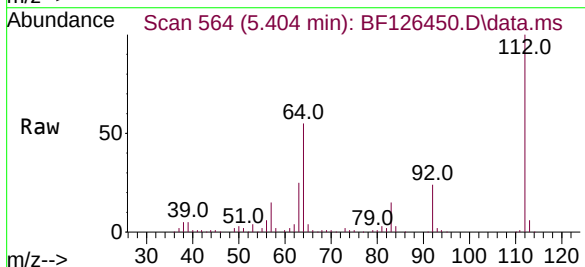
Instrument :
 BNA_F
 ClientSampleId :
 CONC-2B

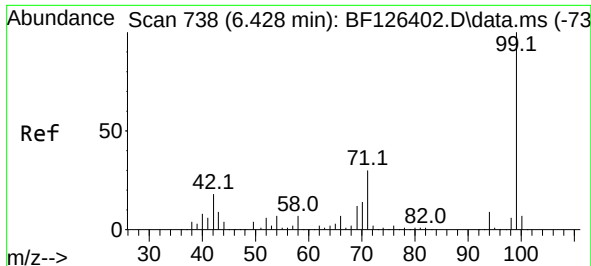
Tgt Ion:152 Resp: 132162
 Ion Ratio Lower Upper
 152 100
 150 154.8 128.1 192.1
 115 63.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 15.227 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF126450.D
 Acq: 3 Jan 2022 12:01

Tgt Ion:112 Resp: 140138
 Ion Ratio Lower Upper
 112 100
 64 54.9 49.5 74.3
 63 24.6 23.9 35.9

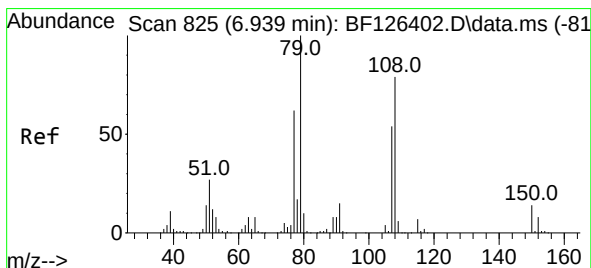
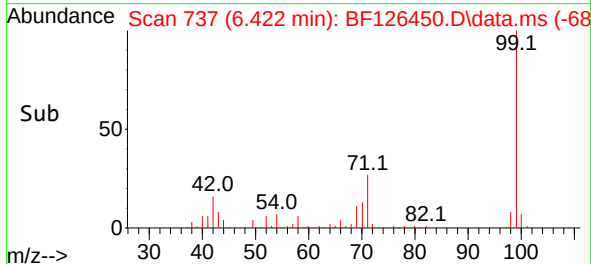
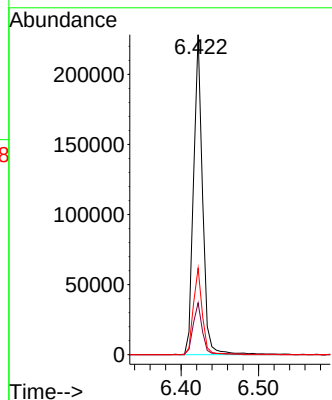
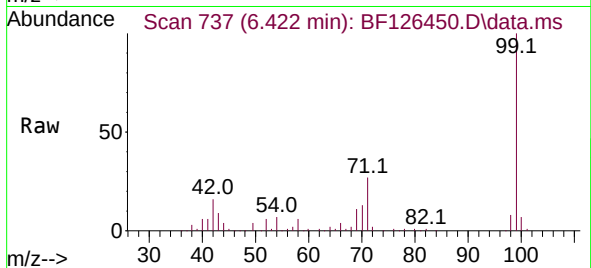




#7
Phenol-d6
Concen: 15.504 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

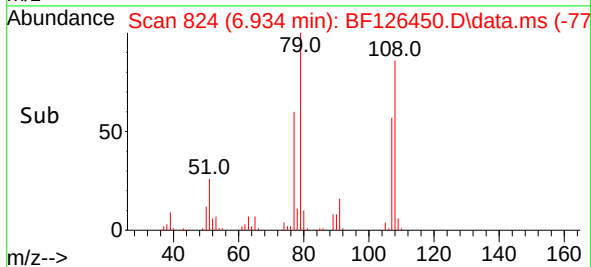
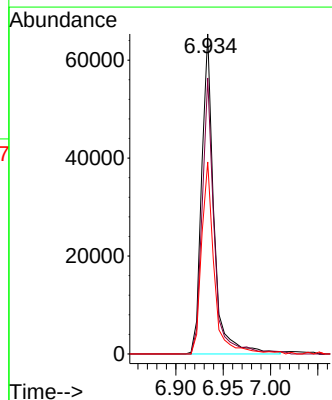
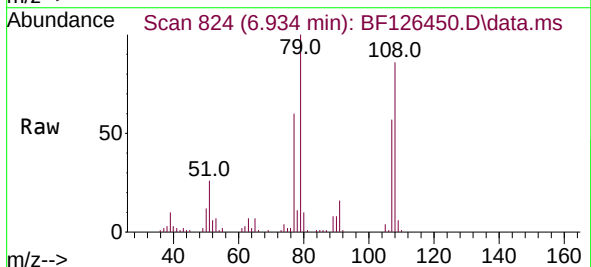
Instrument :
BNA_F
ClientSampleId :
CONC-2B

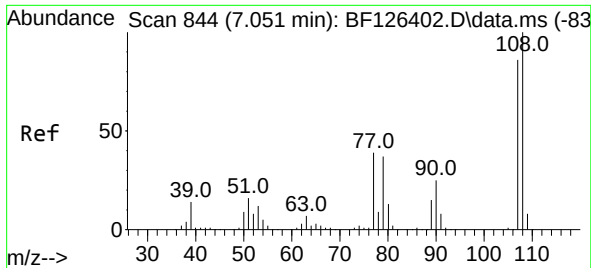
Tgt Ion: 99 Resp: 184811
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 27.1 24.3 36.5



#15
Benzyl Alcohol
Concen: 7.037 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion: 79 Resp: 58686
Ion Ratio Lower Upper
79 100
108 86.3 63.2 94.8
77 60.0 49.4 74.2

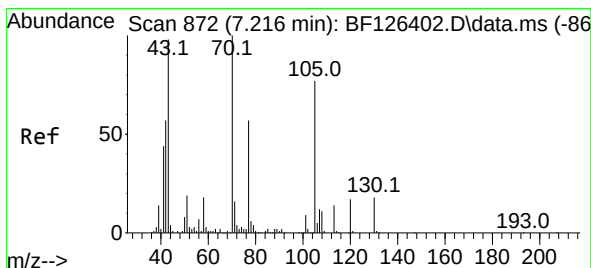
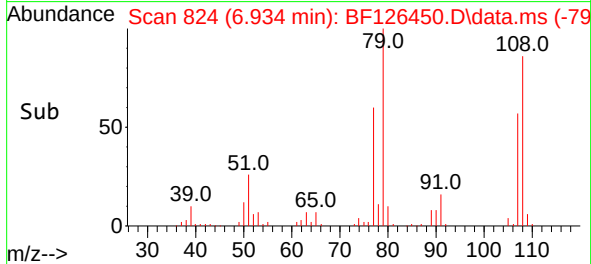
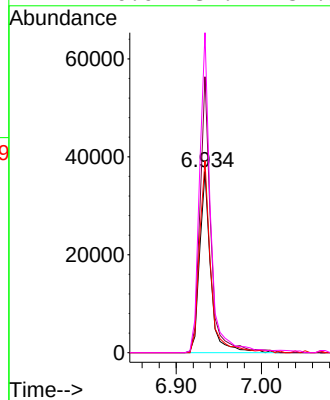
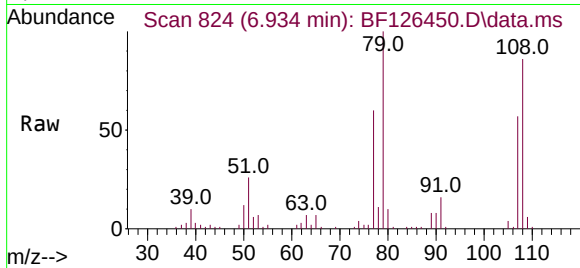




#17
2-Methylphenol
Concen: 4.166 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.117 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

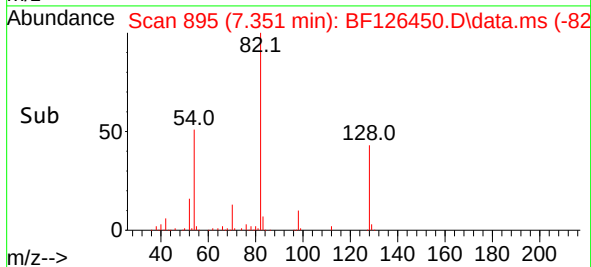
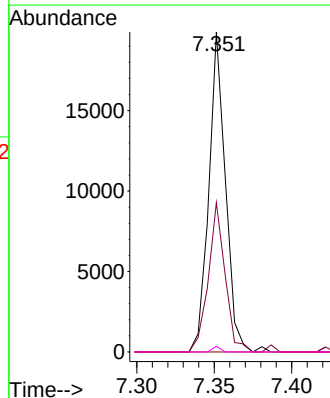
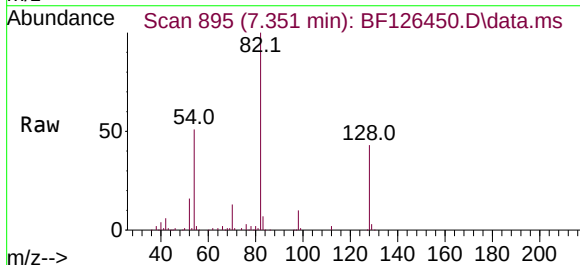
Instrument :
BNA_F
ClientSampleId :
CONC-2B

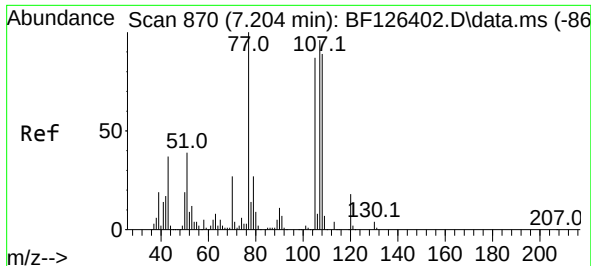
Tgt Ion:107	Resp:	33632
Ion	Ratio	Lower Upper
107	100	
108	152.3	93.4 140.0#
77	105.9	36.1 54.1#
79	176.6	34.9 52.3#



#19
n-Nitroso-di-n-propylamine
Concen: 2.188 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion: 70	Resp:	14881
Ion	Ratio	Lower Upper
70	100	
42	46.7	45.8 68.8
101	0.0	6.9 10.3#
130	1.8	14.4 21.6#

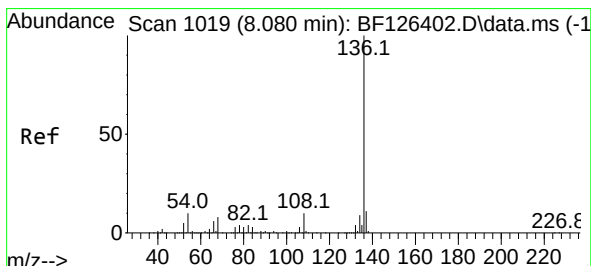
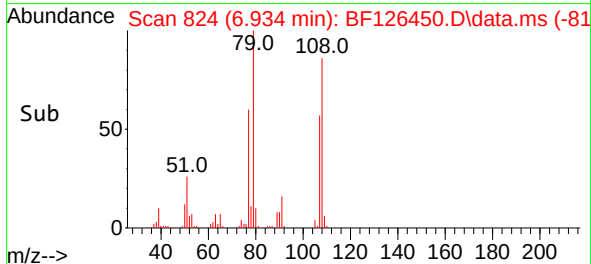
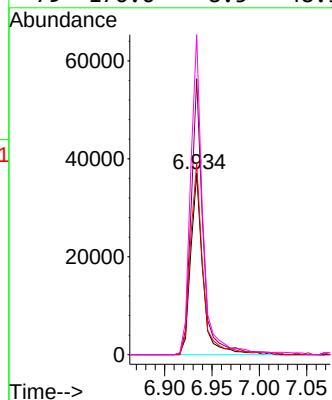
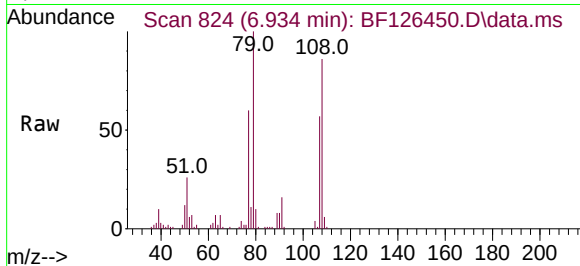




#20
3+4-Methylphenols
Concen: 3.487 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

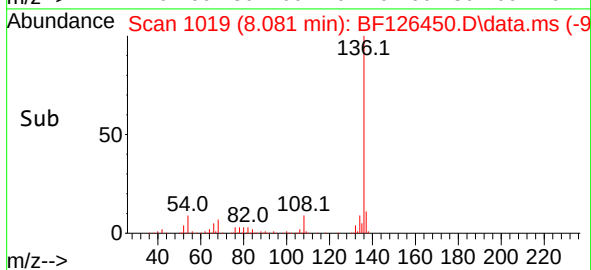
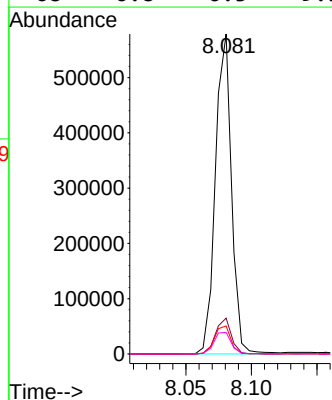
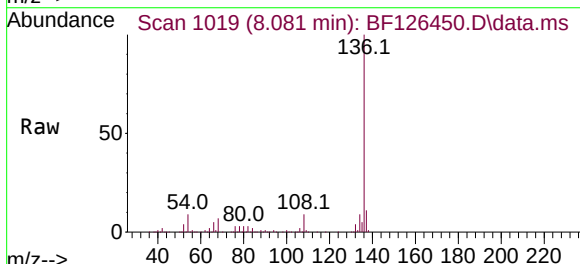
Instrument :
BNA_F
ClientSampleId :
CONC-2B

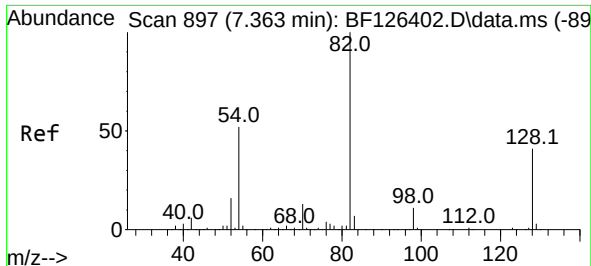
Tgt Ion:107 Resp: 33518
Ion Ratio Lower Upper
107 100
108 152.3 72.4 112.4#
77 105.9 83.8 123.8
79 176.6 8.5 48.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion:136 Resp: 493594
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.8 7.8 11.6
68 6.8 6.3 9.5

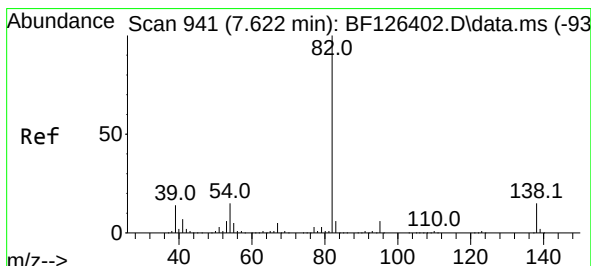
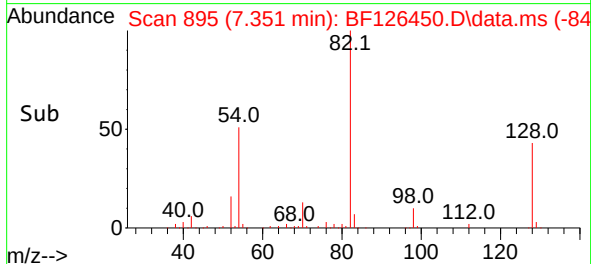
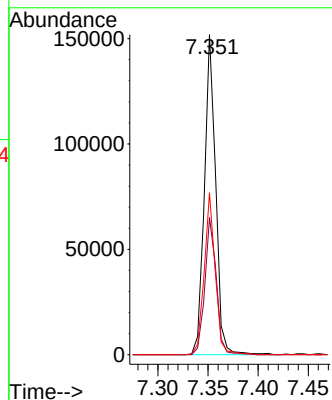
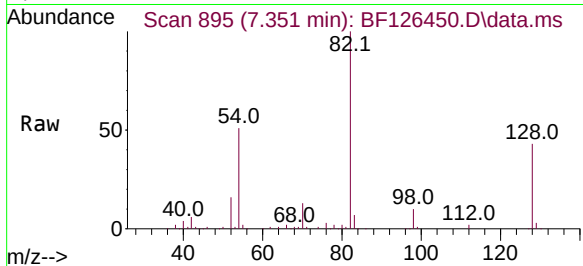




#23
Nitrobenzene-d5
Concen: 12.420 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

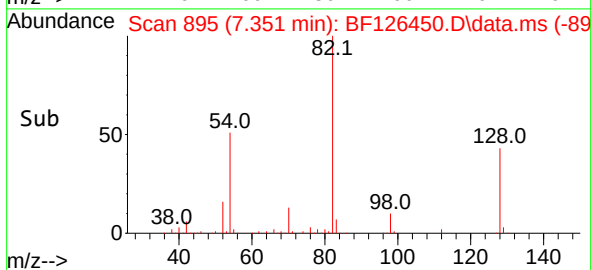
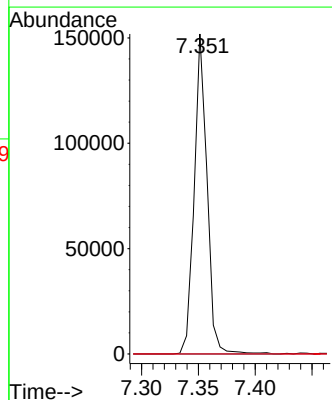
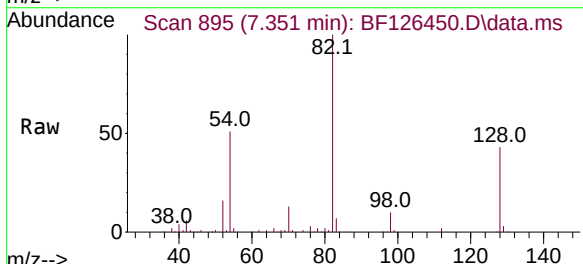
Instrument :
BNA_F
ClientSampleId :
CONC-2B

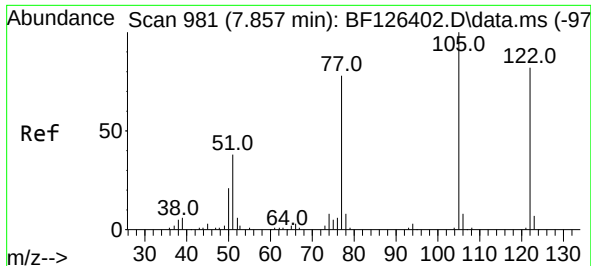
Tgt Ion: 82 Resp: 119390
Ion Ratio Lower Upper
82 100
128 42.9 32.7 49.1
54 50.6 41.7 62.5



#25
Isophorone
Concen: 6.929 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.270 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion: 82 Resp: 119236
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

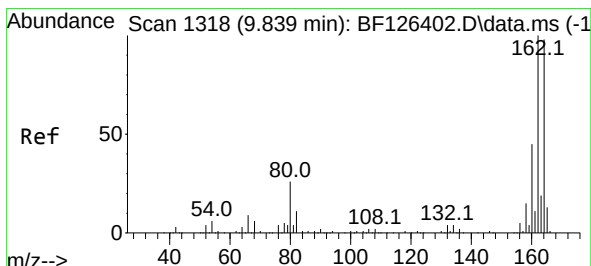
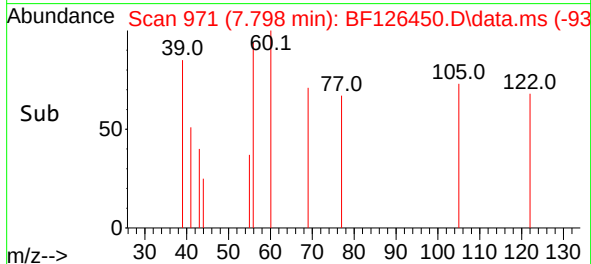
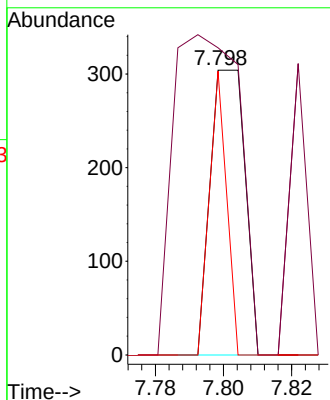
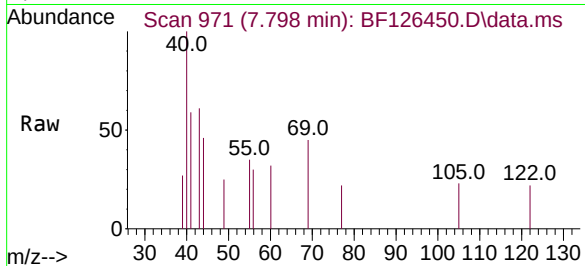




#32
Benzoic acid
Concen: 7.114 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

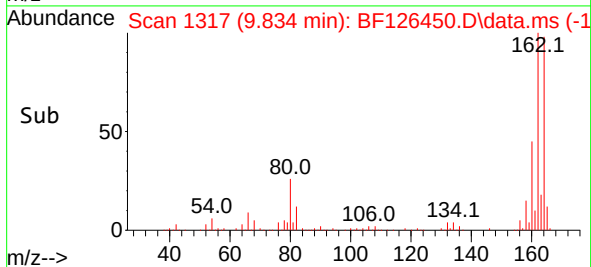
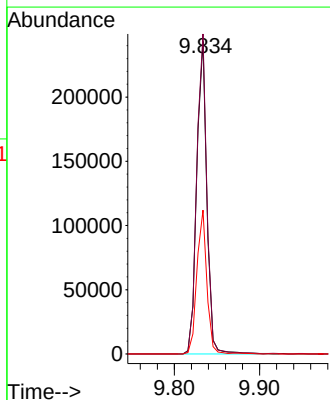
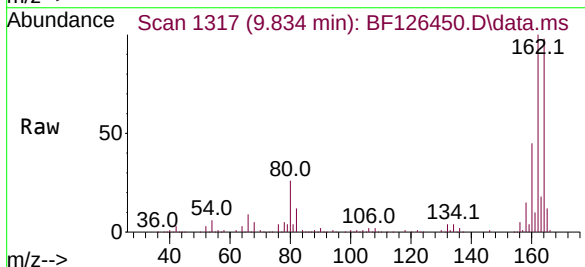
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CONC-2B

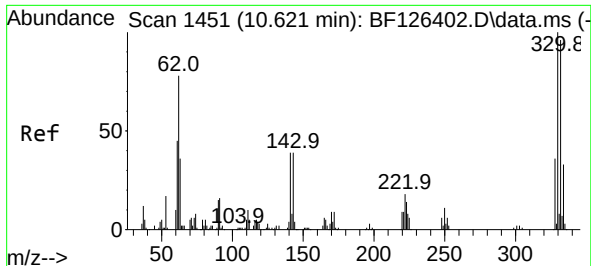
Tgt Ion:122 Resp: 215
Ion Ratio Lower Upper
122 100
105 107.9 101.0 141.0
77 99.7 74.5 114.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion:164 Resp: 201369
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 46.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 11.505 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF126450.D

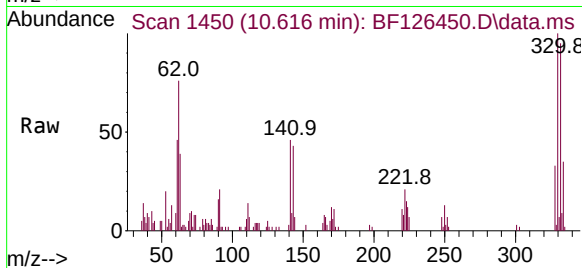
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Instrument :

BNA_F

ClientSampleId :

CONC-2B



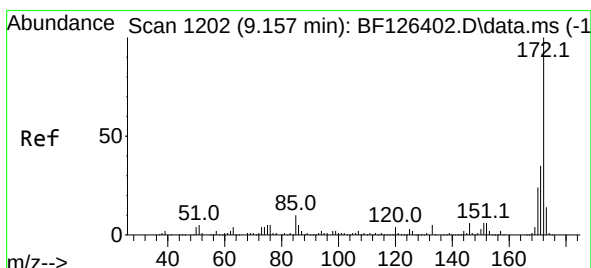
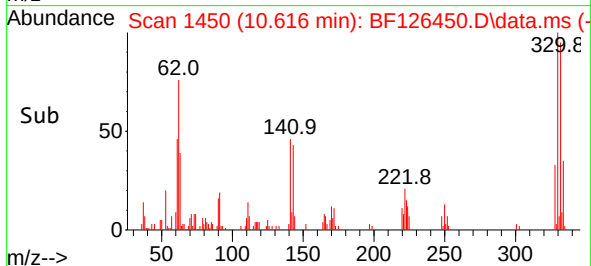
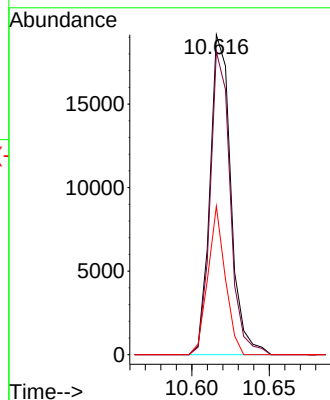
Tgt Ion:330 Resp: 17903

Ion Ratio Lower Upper

330 100

332 90.9 76.0 114.0

141 38.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 15.361 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF126450.D

Acq: 3 Jan 2022 12:01

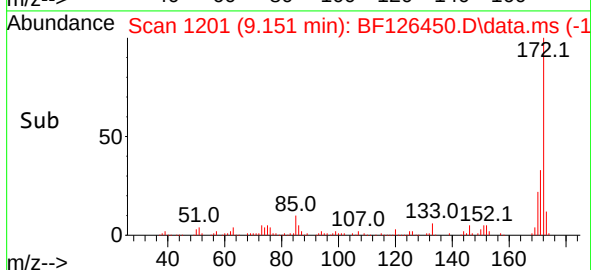
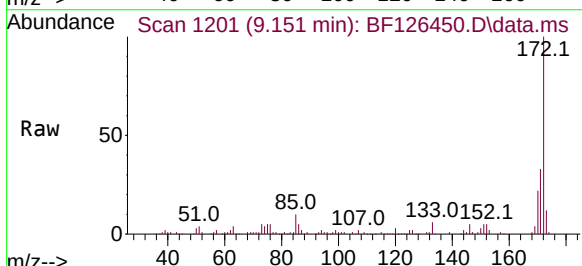
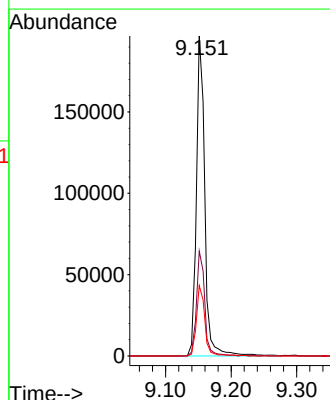
Tgt Ion:172 Resp: 175782

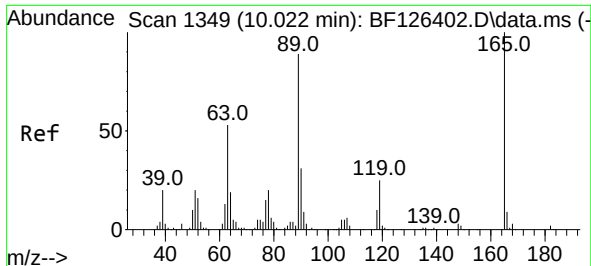
Ion Ratio Lower Upper

172 100

171 32.8 28.3 42.5

170 22.0 19.0 28.6

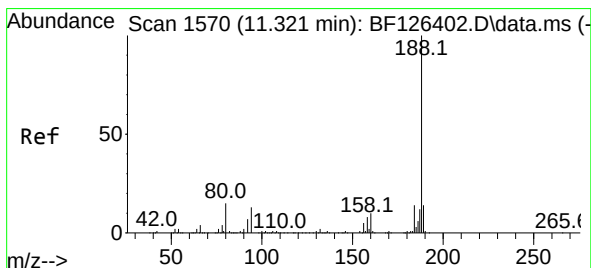
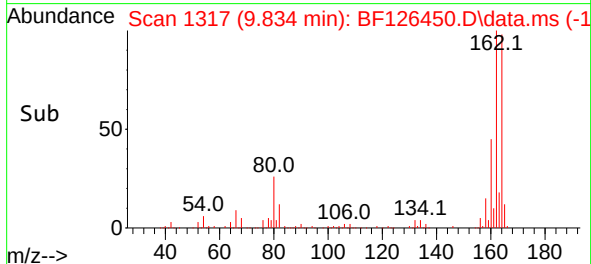
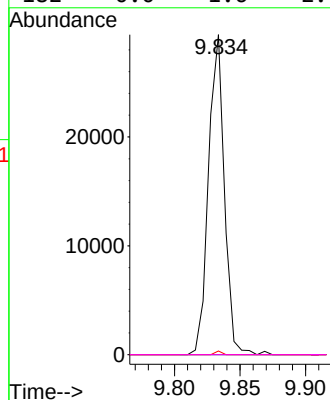
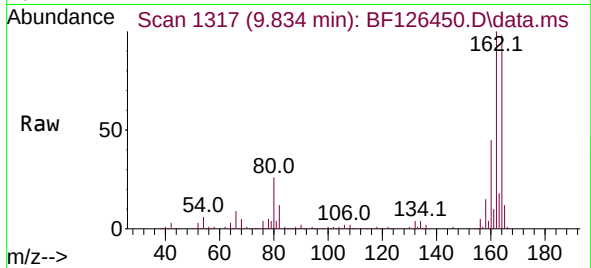




#57
2,4-Dinitrotoluene
Concen: 7.085 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

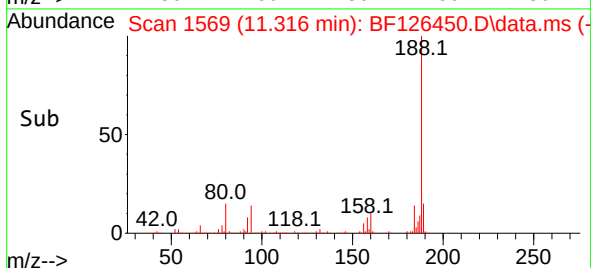
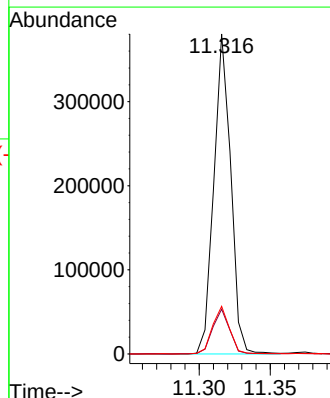
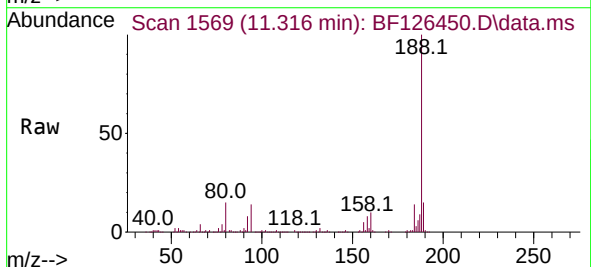
Instrument :
BNA_F
ClientSampleId :
CONC-2B

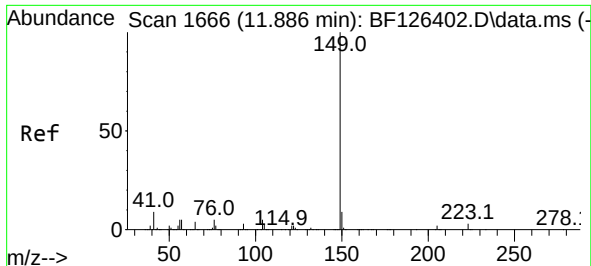
Tgt Ion:165 Resp: 24816
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion:188 Resp: 315140
Ion Ratio Lower Upper
188 100
94 14.0 10.1 15.1
80 14.9 11.8 17.6

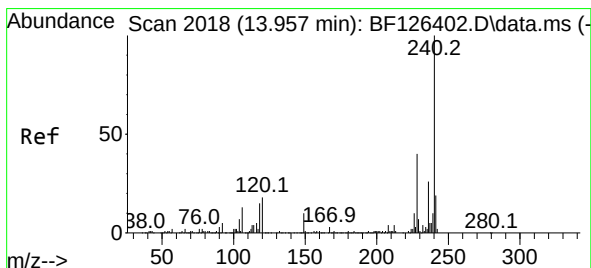
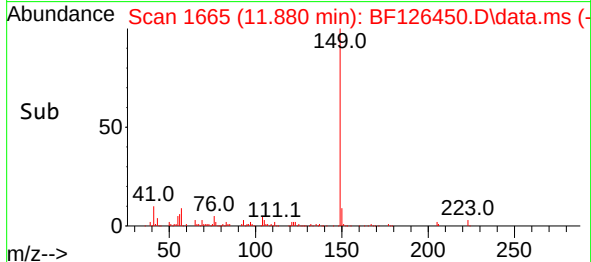
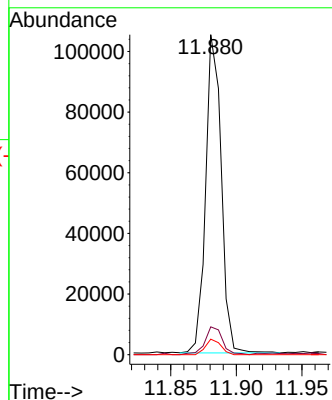
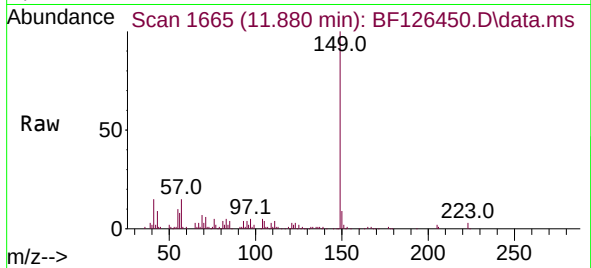




#74
Di-n-butylphthalate
Concen: 4.848 ng
RT: 11.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

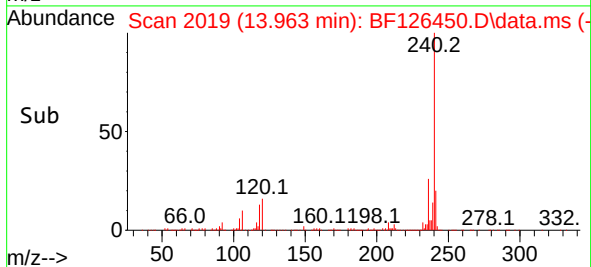
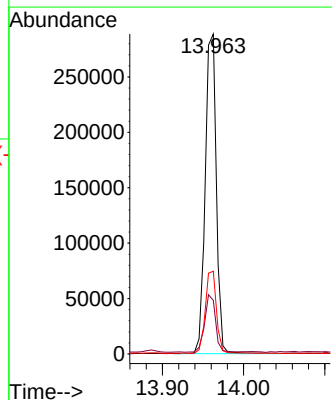
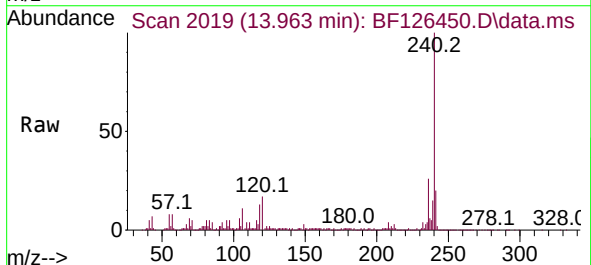
Instrument :
BNA_F
ClientSampleId :
CONC-2B

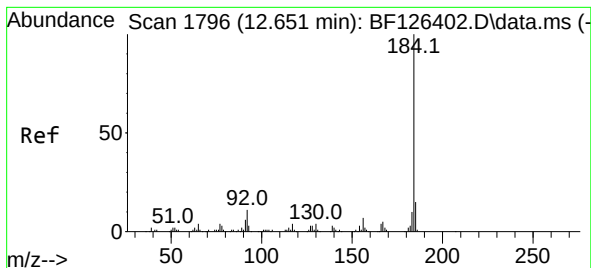
Tgt Ion:149 Resp: 87132
Ion Ratio Lower Upper
149 100
150 8.7 7.2 10.8
104 4.8 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion:240 Resp: 273157
Ion Ratio Lower Upper
240 100
120 16.8 14.4 21.6
236 25.9 20.5 30.7





#77

Benzidine

Concen: Below Cal

RT: 12.639 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF126450.D

Acq: 3 Jan 2022 12:01

Instrument :

BNA_F

ClientSampleId :

CONC-2B

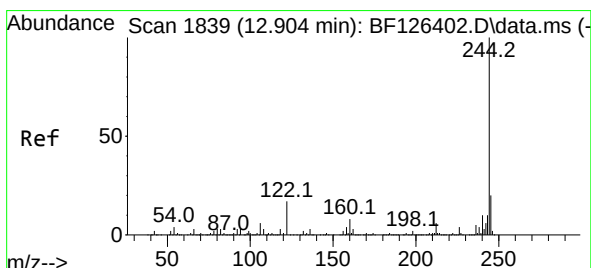
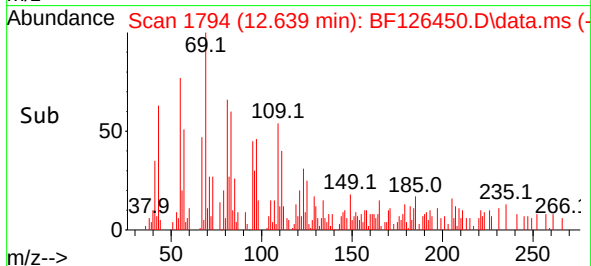
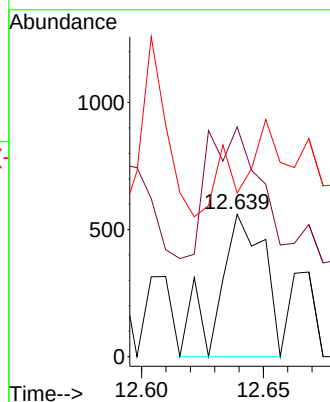
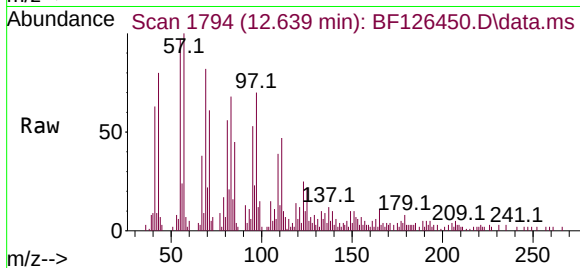
Tgt Ion:184 Resp: 731

Ion Ratio Lower Upper

184 100

185 161.4 11.8 17.8#

183 115.0 8.2 12.2#



#79

Terphenyl-d14

Concen: 11.627 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF126450.D

Acq: 3 Jan 2022 12:01

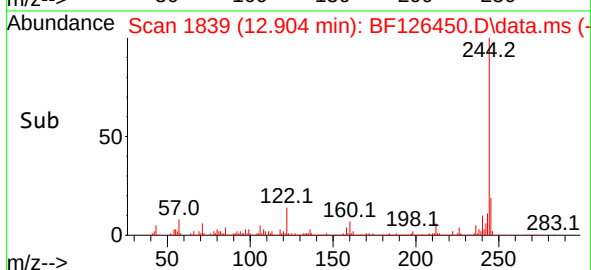
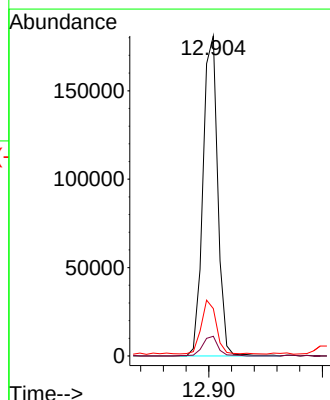
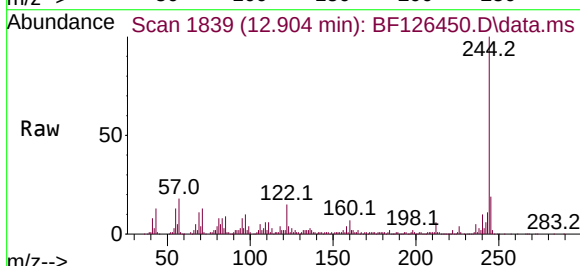
Tgt Ion:244 Resp: 163461

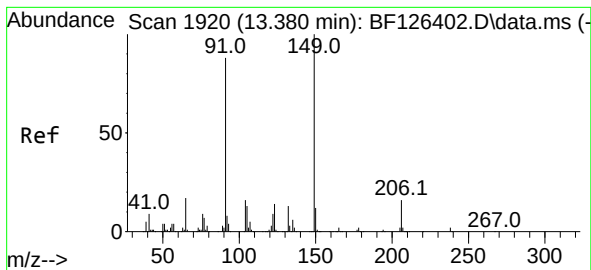
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 14.8 13.3 19.9

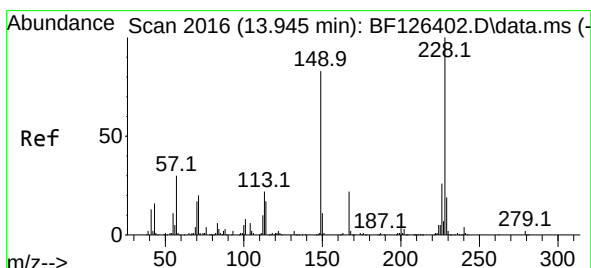
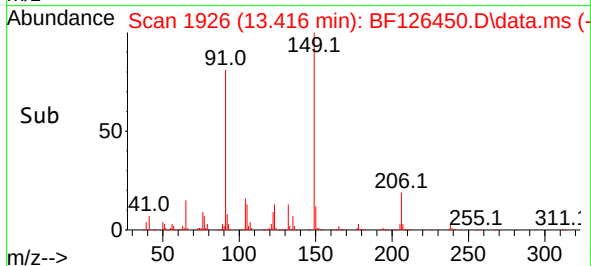
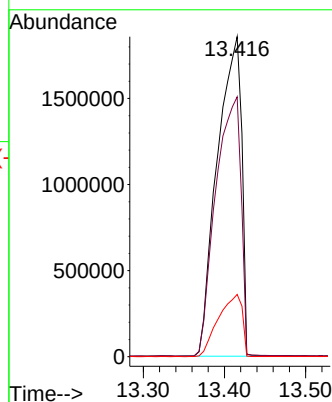
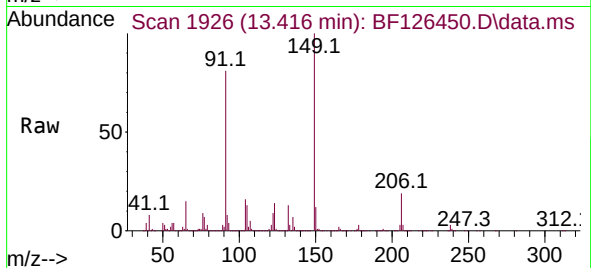




#80
Butylbenzylphthalate
Concen: 377.179 ng
RT: 13.416 min Scan# 1920
Delta R.T. 0.035 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

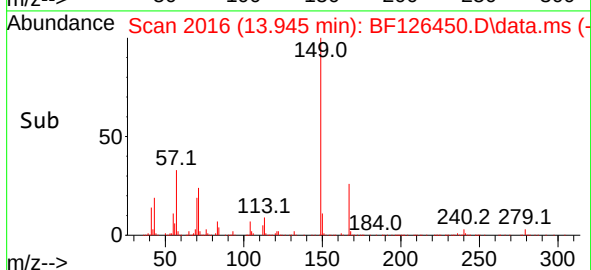
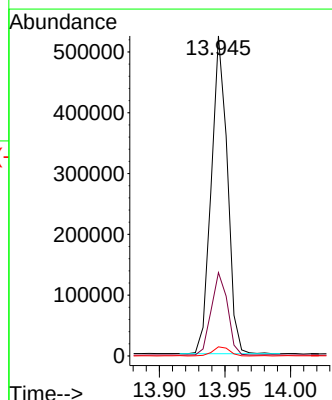
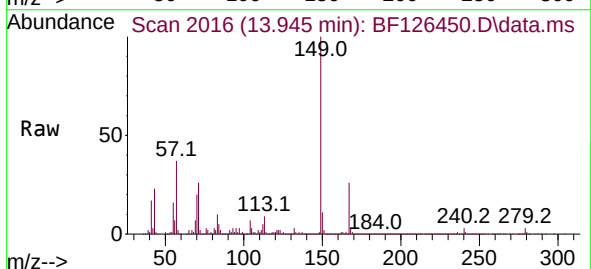
Instrument :
BNA_F
ClientSampleId :
CONC-2B

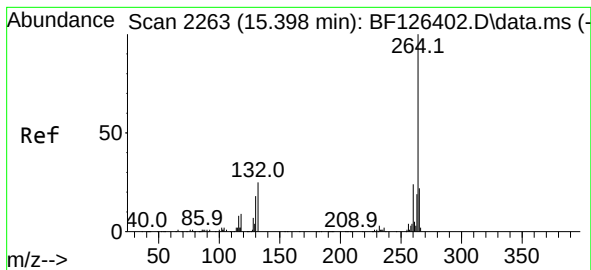
Tgt Ion:149 Resp: 3858195
Ion Ratio Lower Upper
149 100
91 81.2 70.5 105.7
206 19.5 12.6 19.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.091 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126450.D
Acq: 3 Jan 2022 12:01

Tgt Ion:149 Resp: 446203
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 2.8 2.4 3.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126450.D

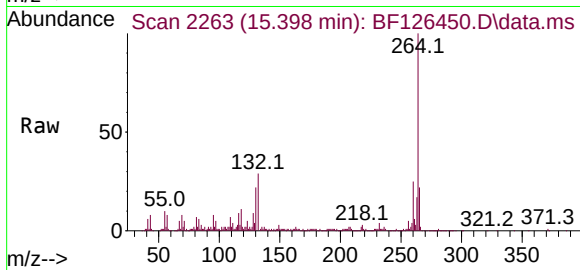
Acq: 3 Jan 2022 12:01

Instrument :

BNA_F

ClientSampleId :

CONC-2B



Tgt Ion:264 Resp: 229929

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.5 17.4 26.2

