

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126455.D
 Acq On : 3 Jan 2022 14:43
 Operator : JU/CG
 Sample : M5244-10 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2E

Quant Time: Jan 03 15:21:03 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)

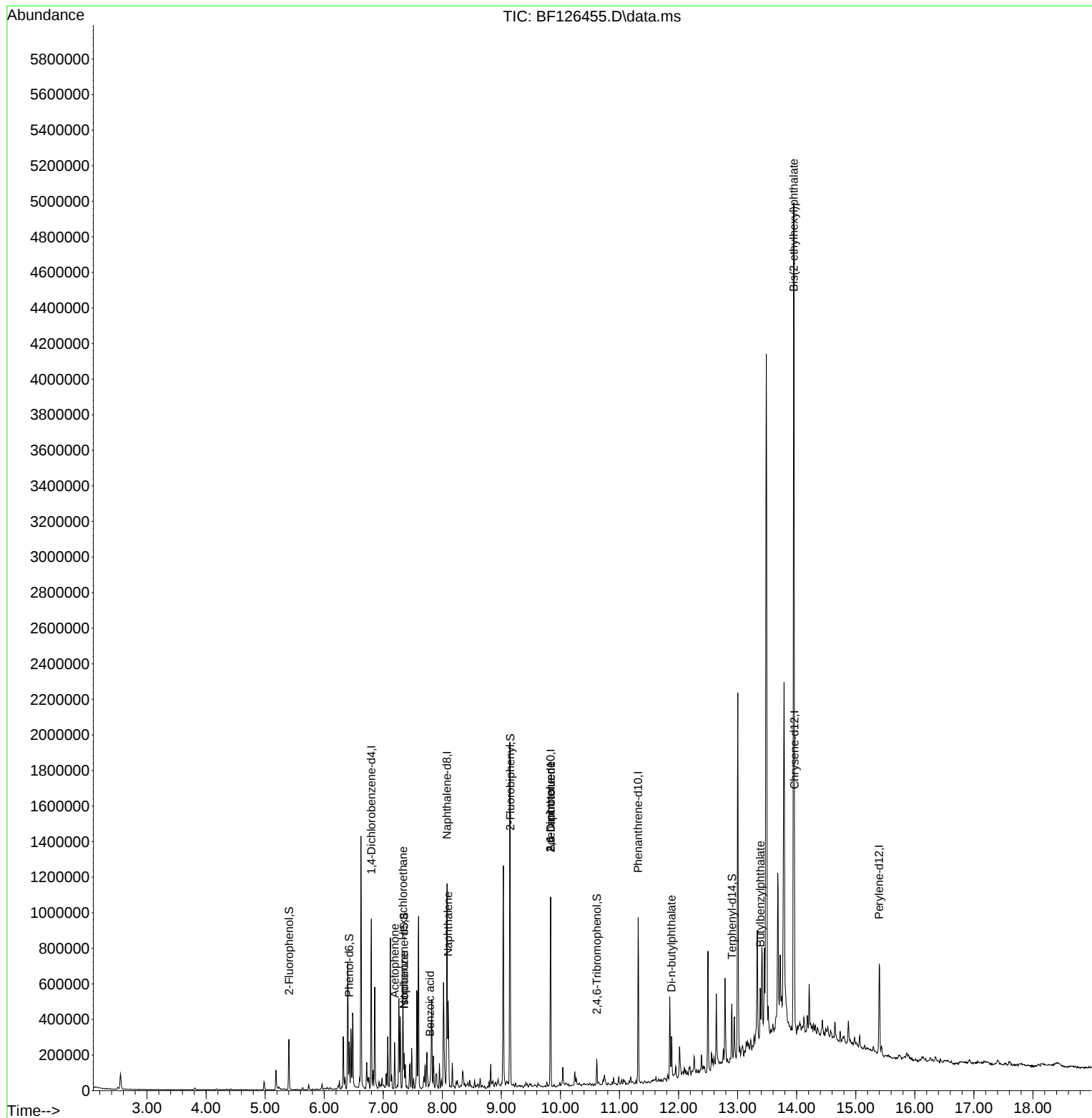
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131796	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	481108	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	192643	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	304407	20.000	ng	0.00
76) Chrysene-d12	13.962	240	221072	20.000	ng	0.00
86) Perylene-d12	15.398	264	210539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	81836	8.917	ng	0.00
7) Phenol-d6	6.422	99	98618	8.296	ng	0.00
23) Nitrobenzene-d5	7.351	82	56737	6.055	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	13635	9.159	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	78402	7.162	ng	0.00
79) Terphenyl-d14	12.904	244	85319	7.498	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.333	117	14826	4.076	ng	# 1
22) Acetophenone	7.192	105	92492	8.316	ng	# 54
25) Isophorone	7.351	82	56736	3.382	ng	# 69
31) Naphthalene	8.098	128	97141	4.278	ng	# 98
32) Benzoic acid	7.792	122	10189	8.918	ng	# 86
51) 2,6-Dinitrotoluene	9.833	165	24373	9.384	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	24373	7.274	ng	# 16
74) Di-n-butylphthalate	11.880	149	107881	6.214	ng	# 99
77) Benzidine	12.692	184	225	Below Cal		# 1
80) Butylbenzylphthalate	13.386	149	61470	7.425	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.951	149	1252926	146.037	ng	# 99

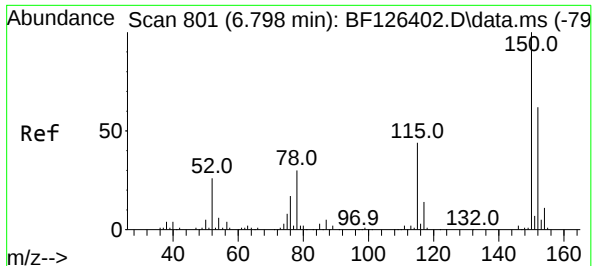
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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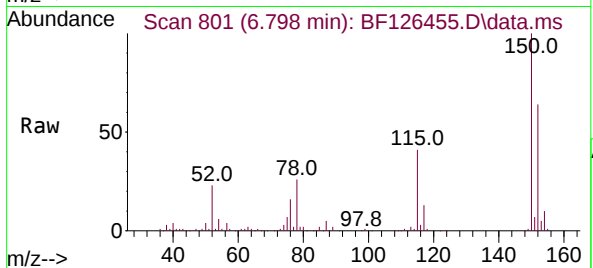
Quant Time: Jan 03 15:21:03 2022
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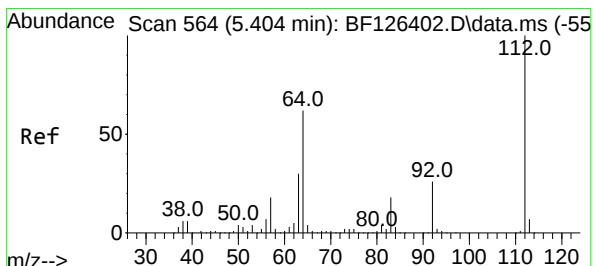
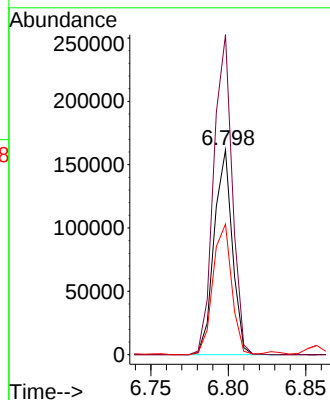
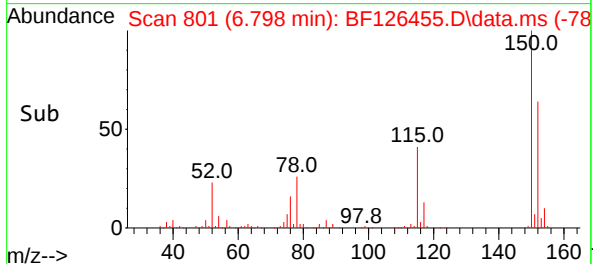


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

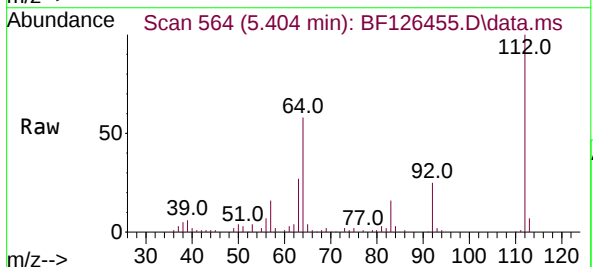
Instrument :
BNA_F
ClientSampleId :
CONC-2E



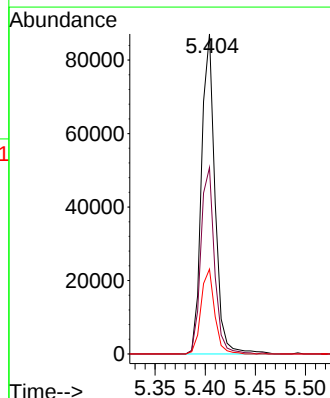
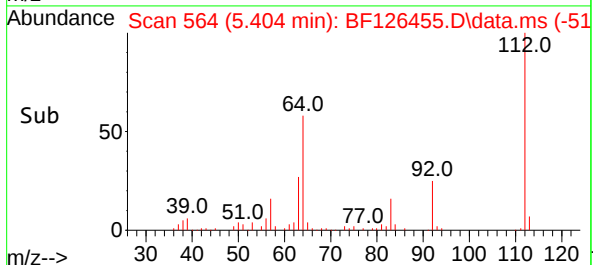
Tgt Ion:152 Resp: 131796
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 63.7 56.7 85.1

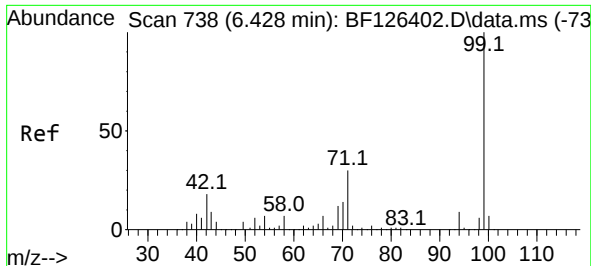


#5
2-Fluorophenol
Concen: 8.917 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43



Tgt Ion:112 Resp: 81836
Ion Ratio Lower Upper
112 100
64 58.2 49.5 74.3
63 26.5 23.9 35.9

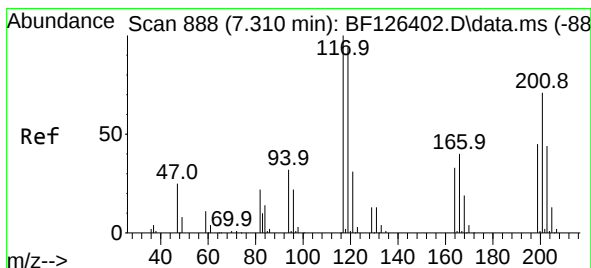
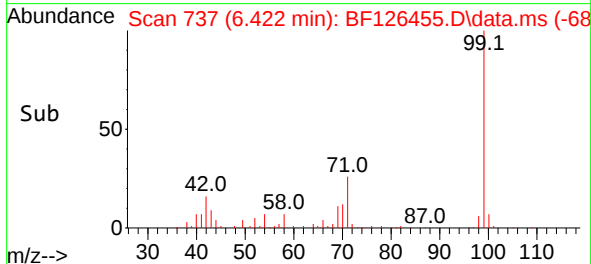
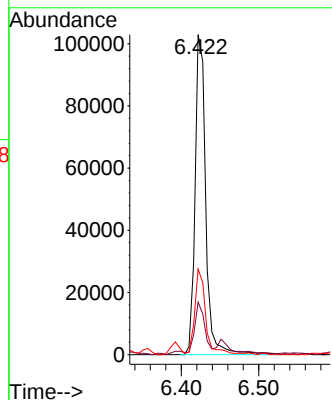
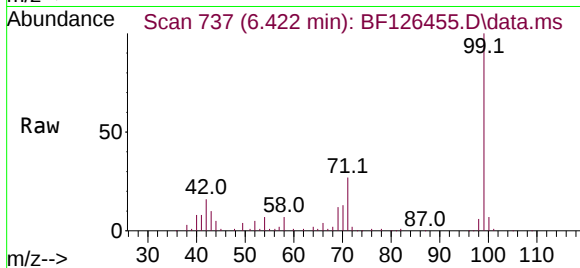




#7
Phenol-d6
Concen: 8.296 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

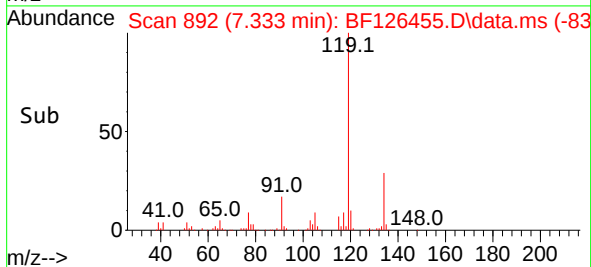
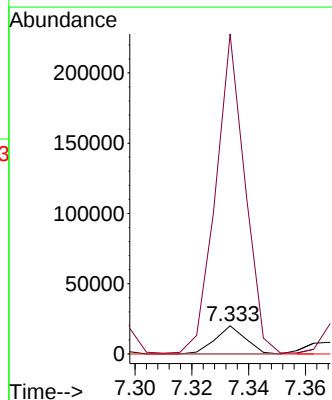
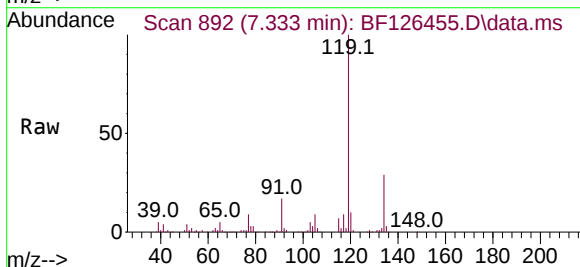
Instrument :
BNA_F
ClientSampleId :
CONC-2E

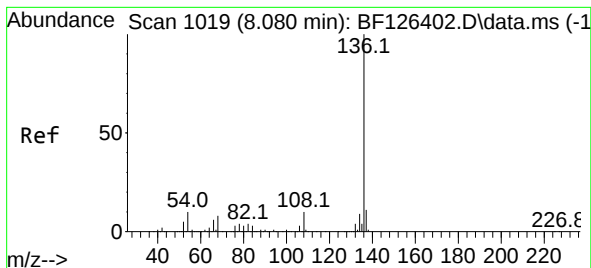
Tgt Ion: 99 Resp: 98618
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 26.7 24.3 36.5



#18
Hexachloroethane
Concen: 4.076 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.023 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Tgt Ion: 117 Resp: 14826
Ion Ratio Lower Upper
117 100
119 1134.9 75.4 113.0#
201 0.0 56.8 85.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126455.D

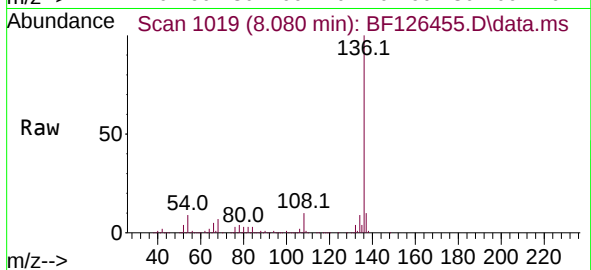
Acq: 3 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

CONC-2E



Tgt Ion:136 Resp: 481108

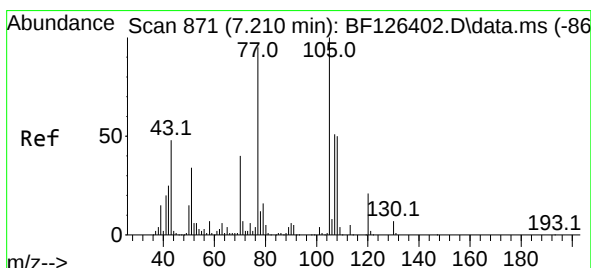
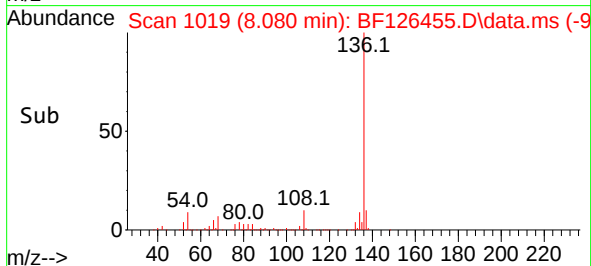
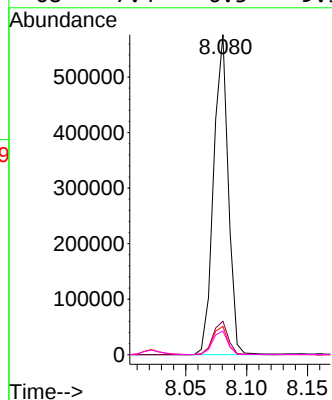
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.9 7.8 11.6

68 7.4 6.3 9.5



#22

Acetophenone

Concen: 8.316 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

Tgt Ion:105 Resp: 92492

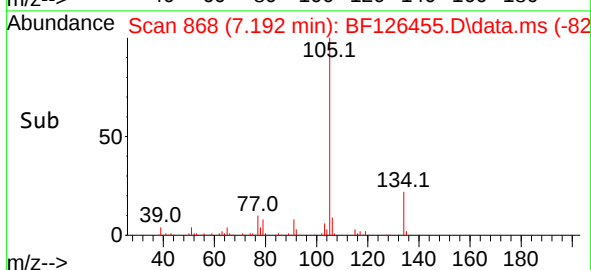
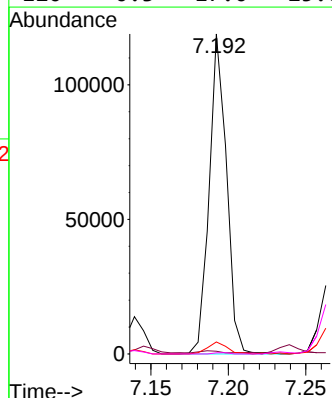
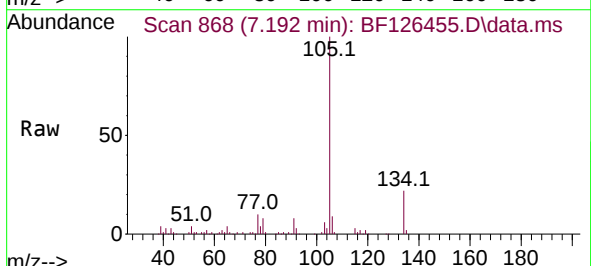
Ion Ratio Lower Upper

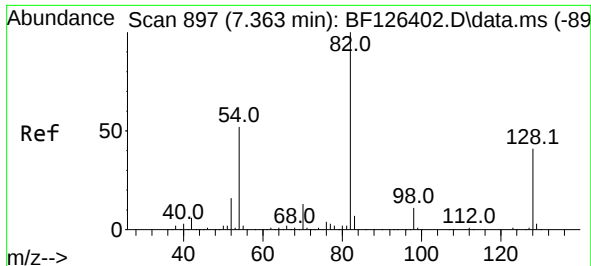
105 100

71 0.8 5.4 8.0#

51 3.8 27.4 41.0#

120 0.3 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 6.055 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

CONC-2E

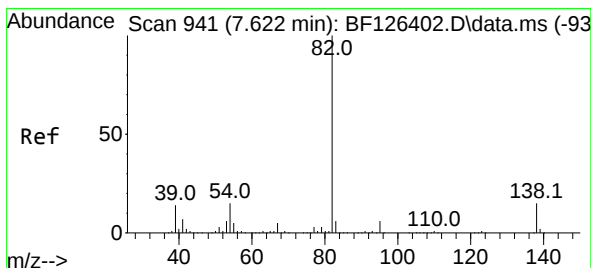
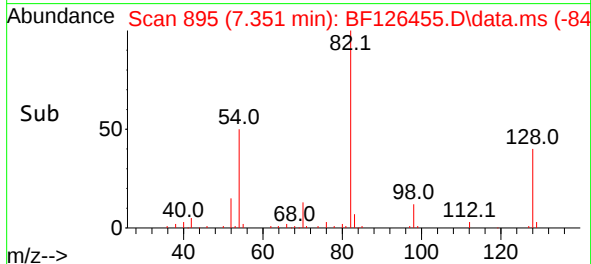
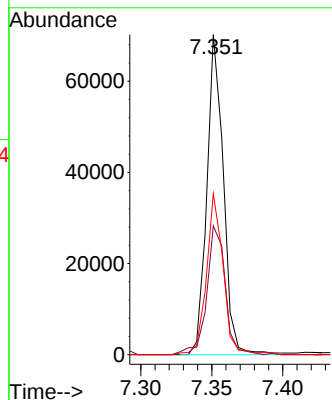
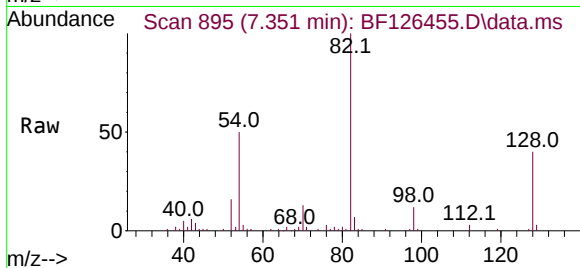
Tgt Ion: 82 Resp: 56737

Ion Ratio Lower Upper

82 100

128 40.2 32.7 49.1

54 50.3 41.7 62.5



#25

Isophorone

Concen: 3.382 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.271 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

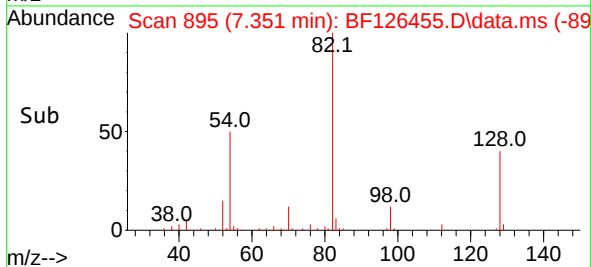
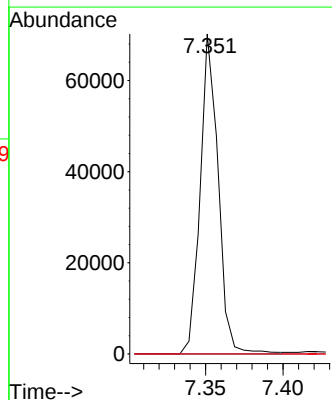
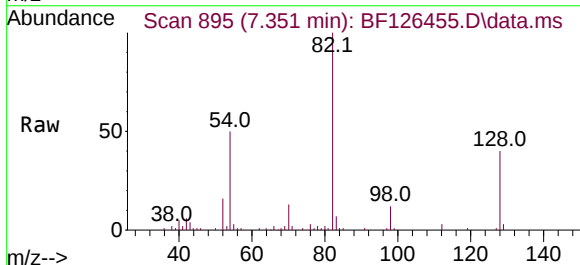
Tgt Ion: 82 Resp: 56736

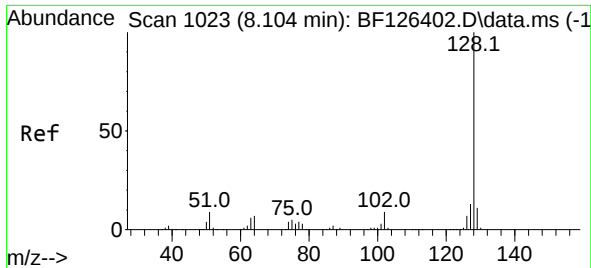
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

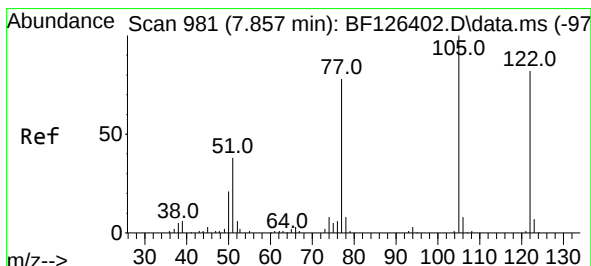
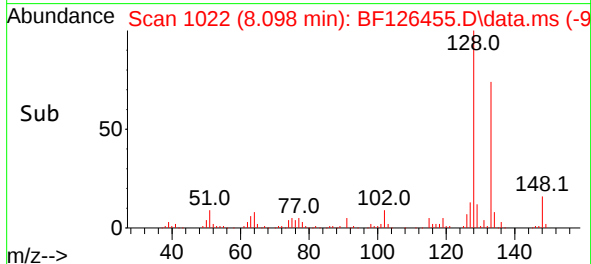
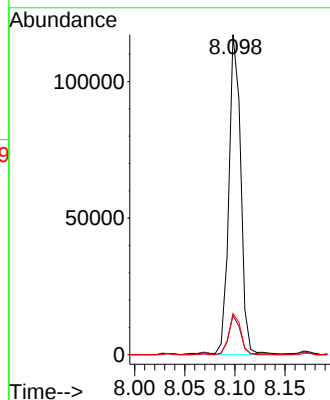
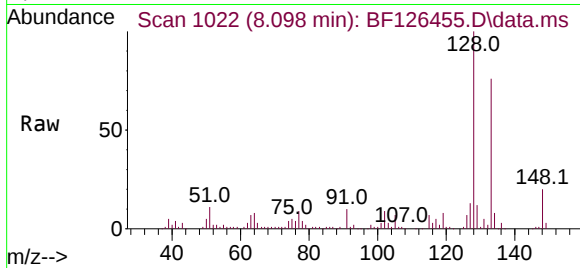




#31
Naphthalene
Concen: 4.278 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

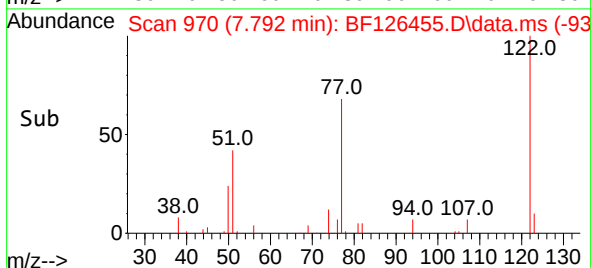
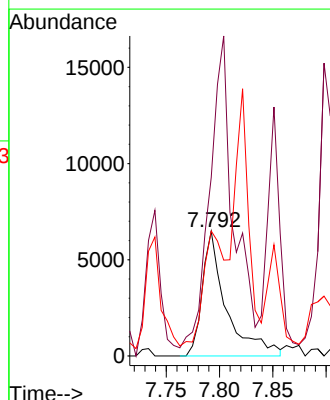
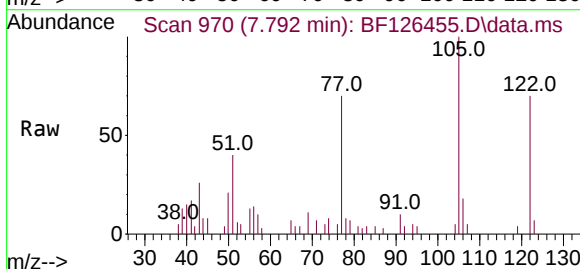
Instrument :
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CONC-2E

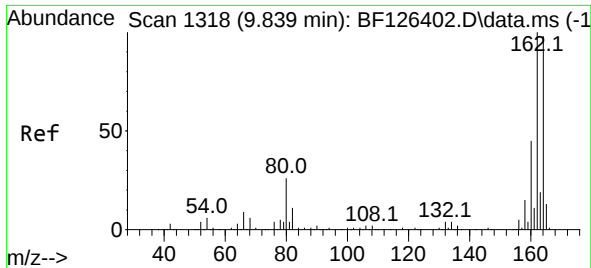
Tgt Ion:128 Resp: 97141
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 8.918 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.065 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Tgt Ion:122 Resp: 10189
Ion Ratio Lower Upper
122 100
105 143.2 101.0 141.0#
77 100.3 74.5 114.5

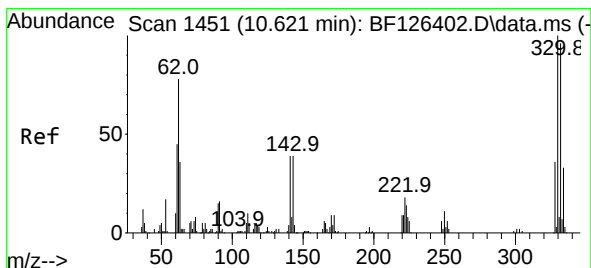
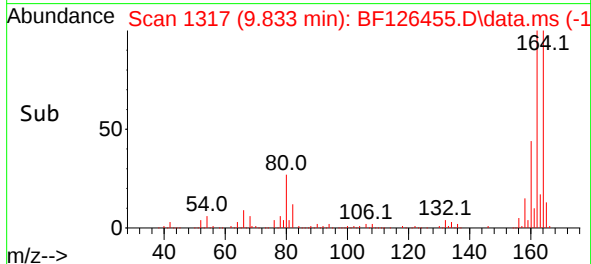
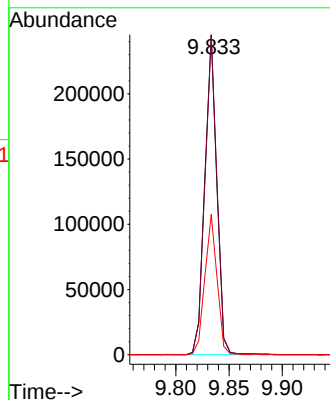
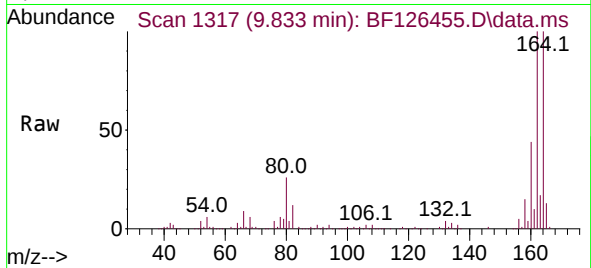




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

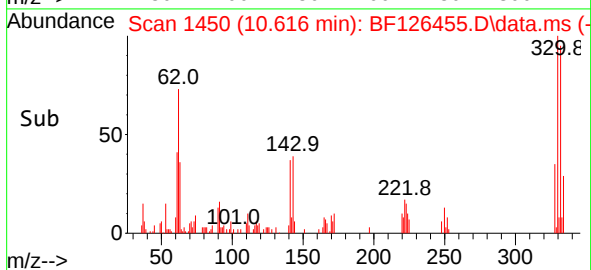
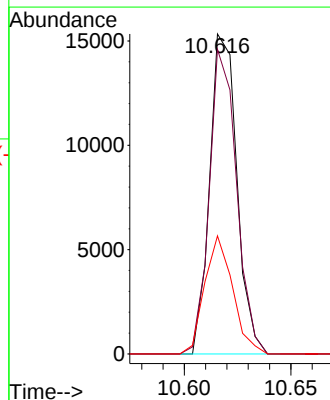
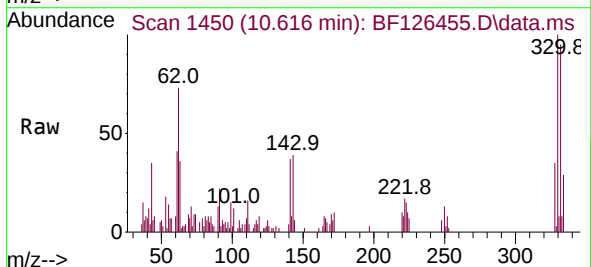
Instrument :
BNA_F
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CONC-2E

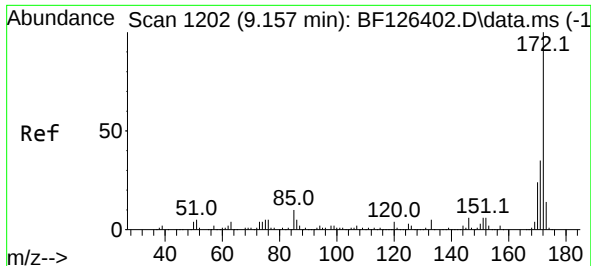
Tgt Ion:164 Resp: 192643
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 9.159 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Tgt Ion:330 Resp: 13635
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 38.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 7.162 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

CONC-2E

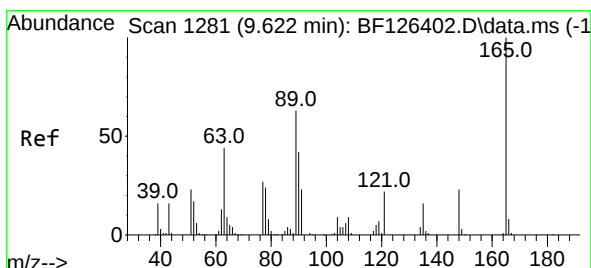
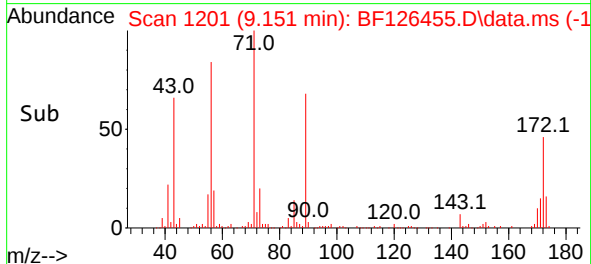
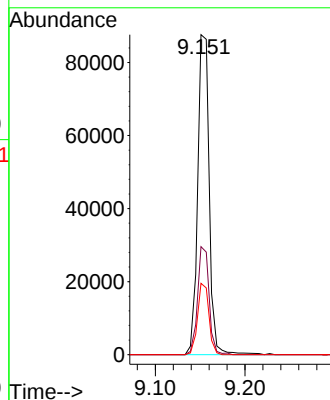
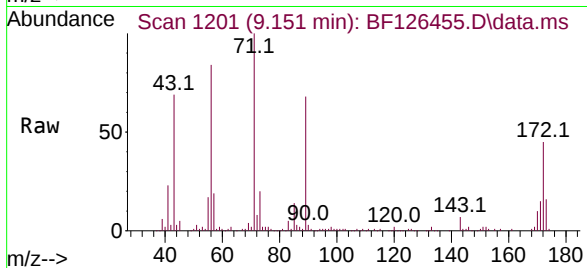
Tgt Ion:172 Resp: 78402

Ion Ratio Lower Upper

172 100

171 33.8 28.3 42.5

170 22.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.384 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

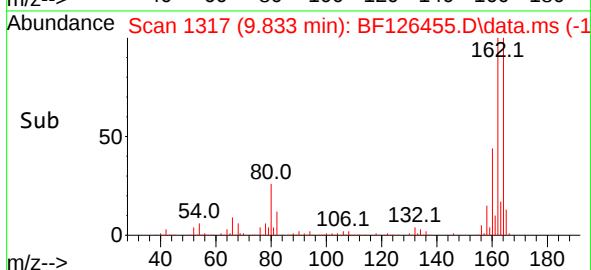
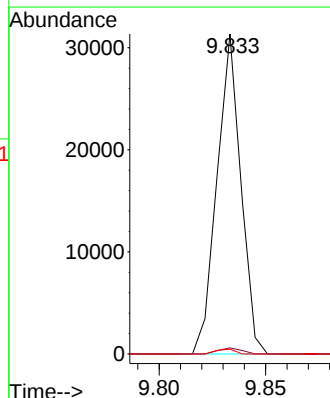
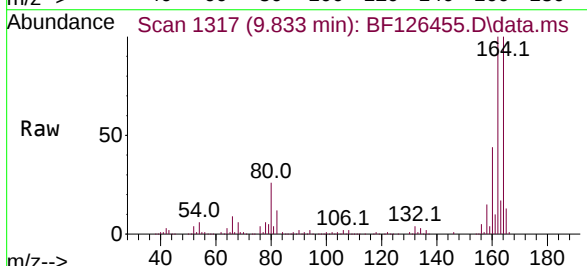
Tgt Ion:165 Resp: 24373

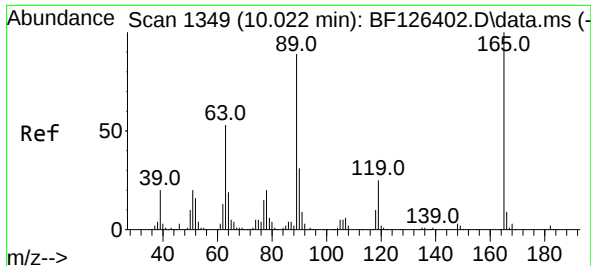
Ion Ratio Lower Upper

165 100

63 1.9 48.4 72.6#

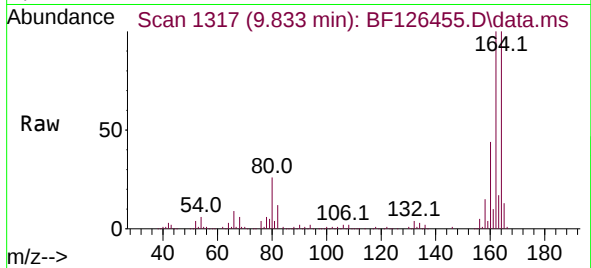
89 1.5 50.5 75.7#



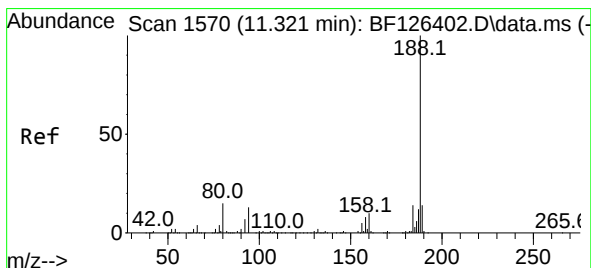
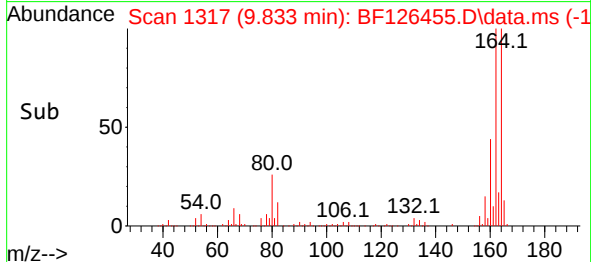
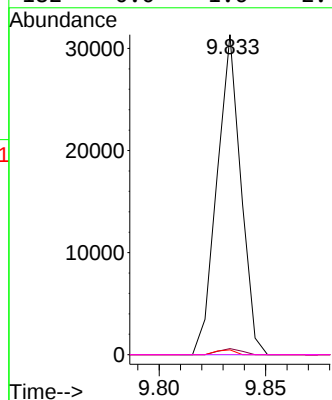


#57
2,4-Dinitrotoluene
Concen: 7.274 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Instrument :
BNA_F
ClientSampleId :
CONC-2E

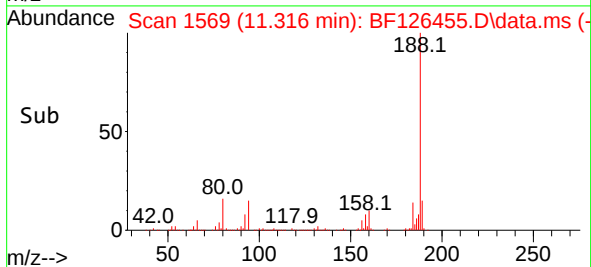
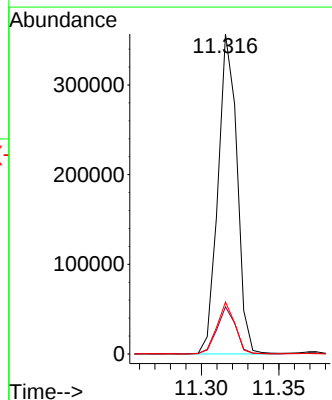
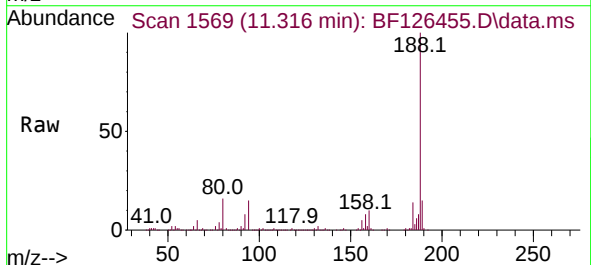


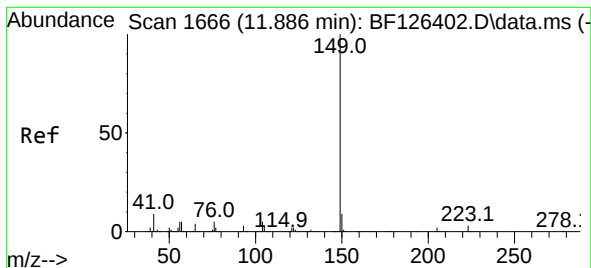
Tgt Ion:165 Resp: 24373
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Tgt Ion:188 Resp: 304407
Ion Ratio Lower Upper
188 100
94 14.8 10.1 15.1
80 16.3 11.8 17.6





#74

Di-n-butylphthalate

Concen: 6.214 ng

RT: 11.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

Instrument :

BNA_F

ClientSampleId :

CONC-2E

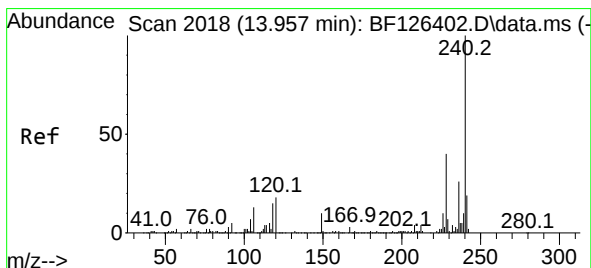
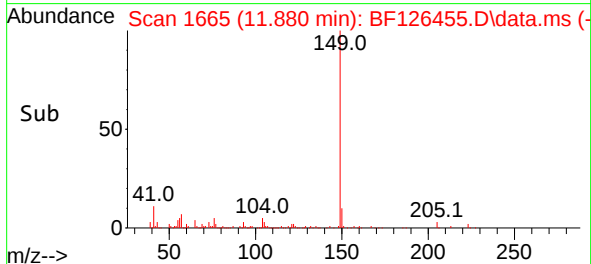
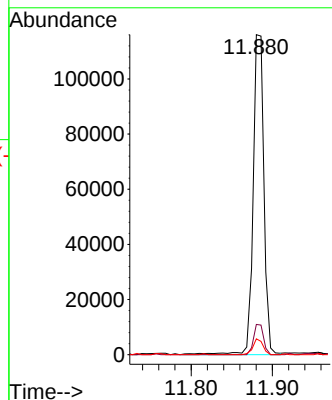
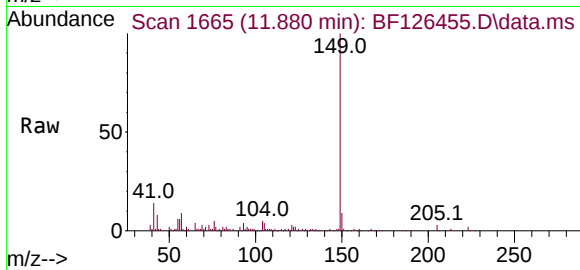
Tgt Ion:149 Resp: 107881

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 5.0 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF126455.D

Acq: 3 Jan 2022 14:43

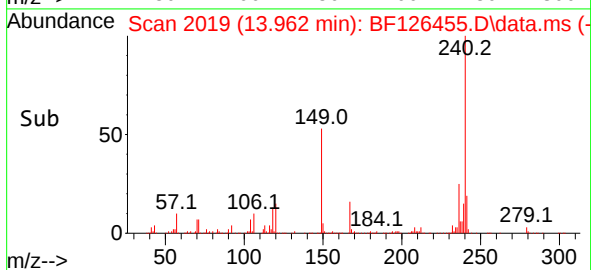
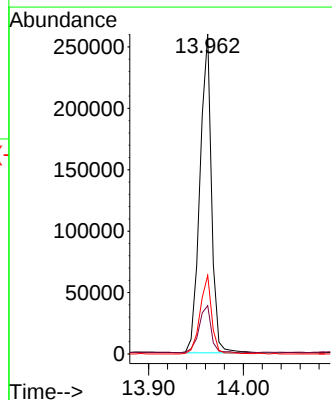
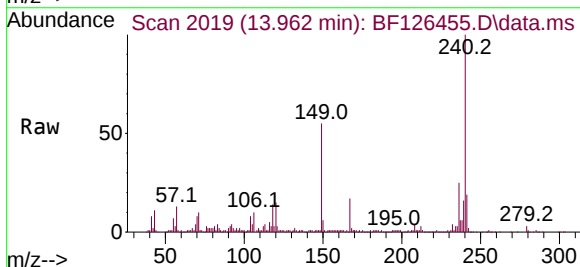
Tgt Ion:240 Resp: 221072

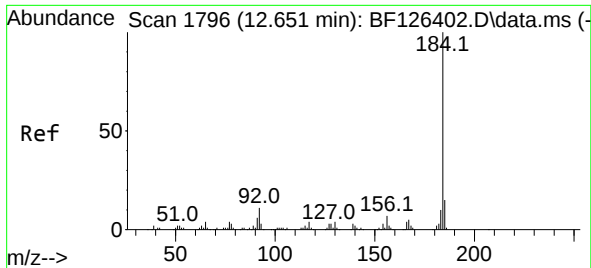
Ion Ratio Lower Upper

240 100

120 15.1 14.4 21.6

236 24.5 20.5 30.7

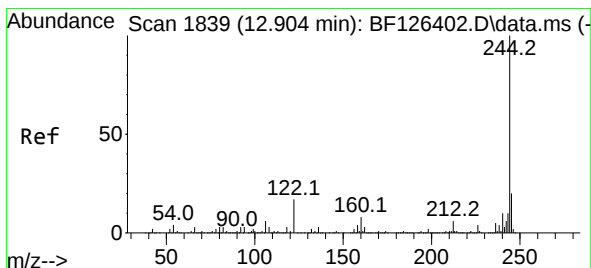
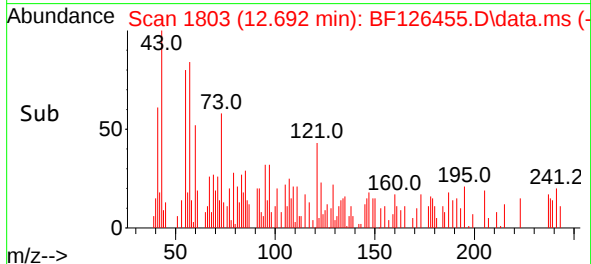
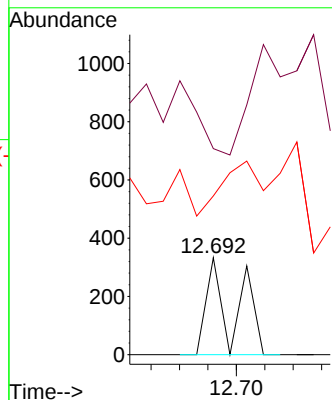
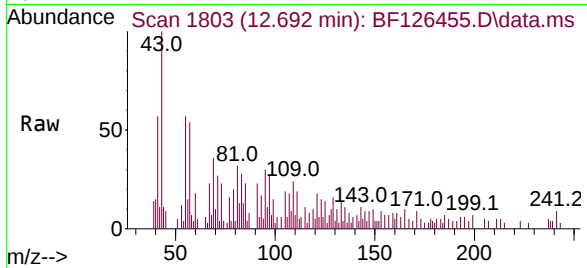




#77
Benzidine
Concen: Below Cal
RT: 12.692 min Scan# 1803
Delta R.T. 0.041 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

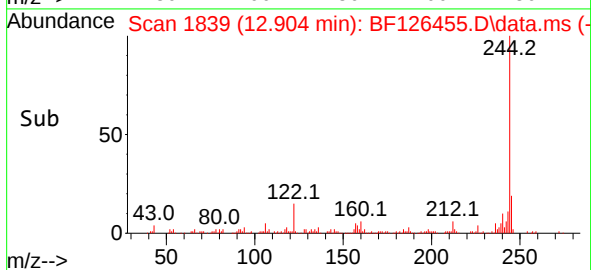
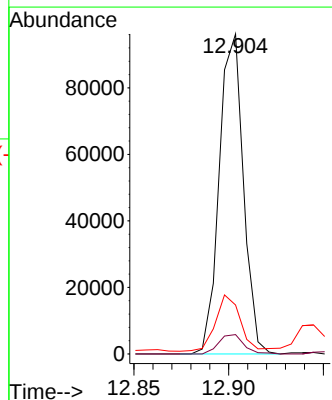
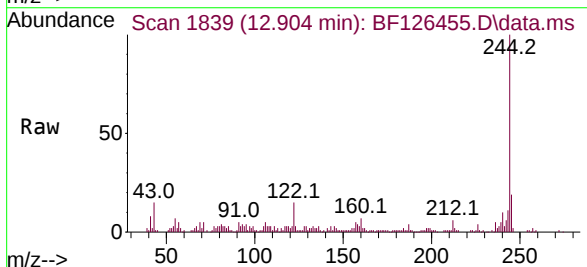
Instrument :
BNA_F
ClientSampleId :
CONC-2E

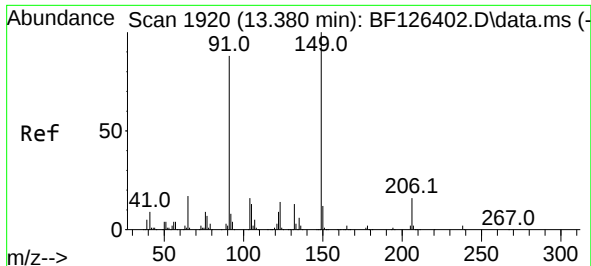
Tgt Ion:184 Resp: 225
Ion Ratio Lower Upper
184 100
185 212.6 11.8 17.8#
183 163.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 7.498 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Tgt Ion:244 Resp: 85319
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 15.3 13.3 19.9

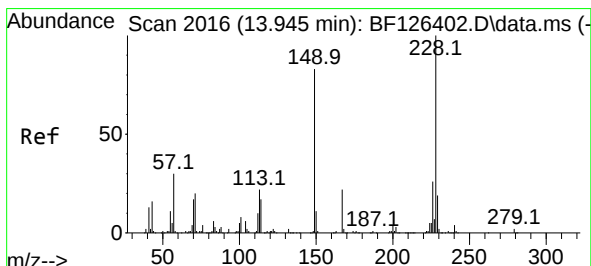
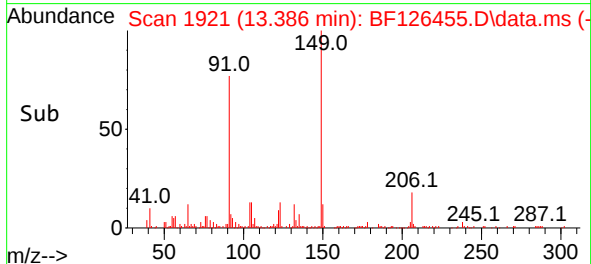
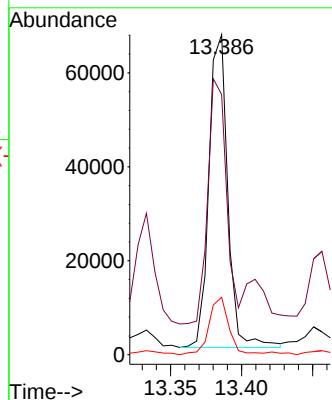
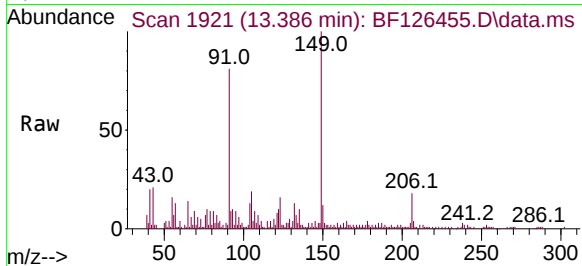




#80
Butylbenzylphthalate
Concen: 7.425 ng
RT: 13.386 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

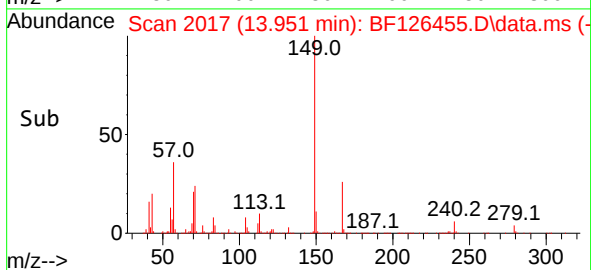
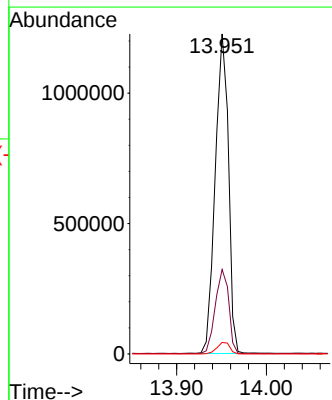
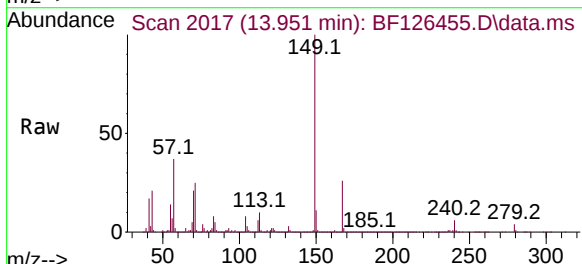
Instrument :
BNA_F
ClientSampleId :
CONC-2E

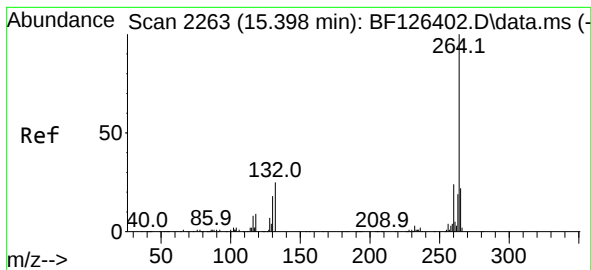
Tgt Ion:149 Resp: 61470
Ion Ratio Lower Upper
149 100
91 81.3 70.5 105.7
206 17.9 12.6 19.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 146.037 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

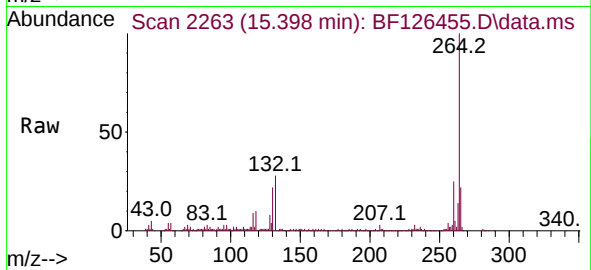
Tgt Ion:149 Resp: 1252926
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 3.6 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126455.D
Acq: 3 Jan 2022 14:43

Instrument :
BNA_F
ClientSampleId :
CONC-2E



Tgt Ion:264 Resp: 210539

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.4	26.2

