

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126449.D
 Acq On : 3 Jan 2022 11:29
 Operator : JU/CG
 Sample : M5224-06 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2A

Quant Time: Jan 03 12:00:26 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)

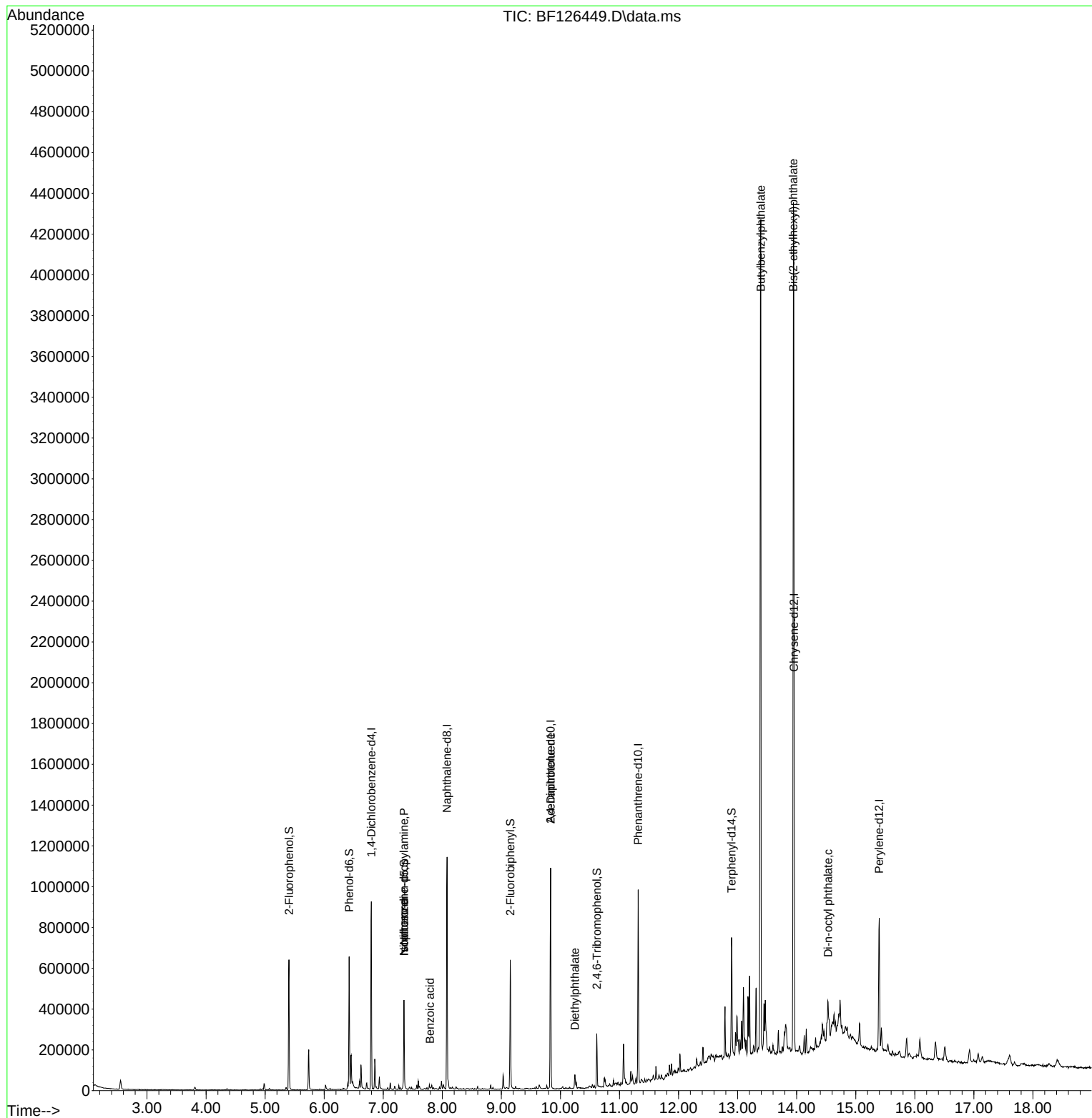
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	133024	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	496053	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	200228	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	310053	20.000	ng	0.00
76) Chrysene-d12	13.957	240	240614	20.000	ng	0.00
86) Perylene-d12	15.398	264	270251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	177728	19.187	ng	0.00
7) Phenol-d6	6.422	99	206386	17.202	ng	0.00
23) Nitrobenzene-d5	7.351	82	124630	12.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	24982	16.146	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	180074	15.826	ng	0.00
79) Terphenyl-d14	12.898	244	174195	14.066	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	17147	2.505	ng	# 87
25) Isophorone	7.351	82	124451	7.196	ng	# 69
32) Benzoic acid	7.792	122	493	7.162	ng	# 81
57) 2,4-Dinitrotoluene	9.833	165	25827	7.416	ng	# 15
60) Diethylphthalate	10.245	149	26339	2.186	ng	99
77) Benzidine	12.504	184	1027	Below Cal	#	1
80) Butylbenzylphthalate	13.392	149	1090392	121.015	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.945	149	1158641	124.079	ng	99
85) Di-n-octyl phthalate	14.533	149	89831	5.547	ng	# 37

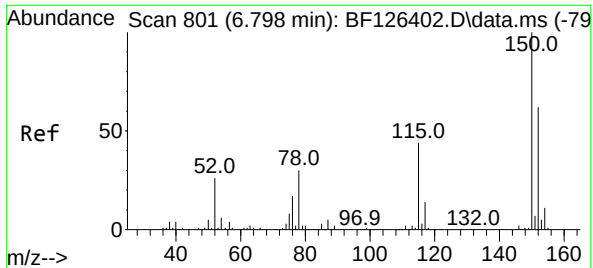
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
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Instrument :
BNA_F
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CONC-2A

Quant Time: Jan 03 12:00:26 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

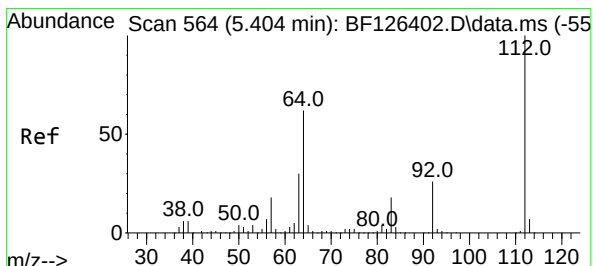
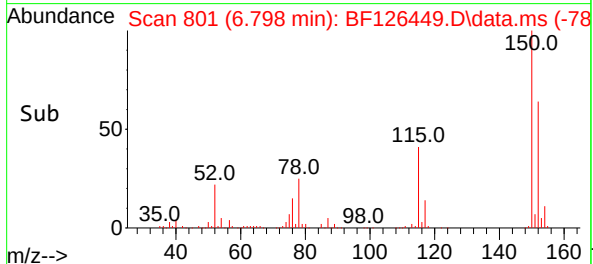
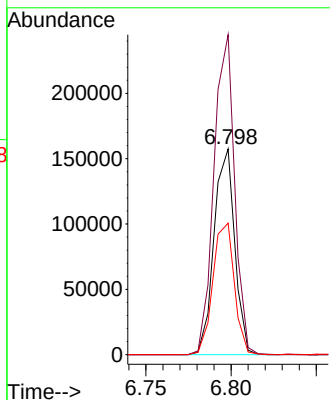
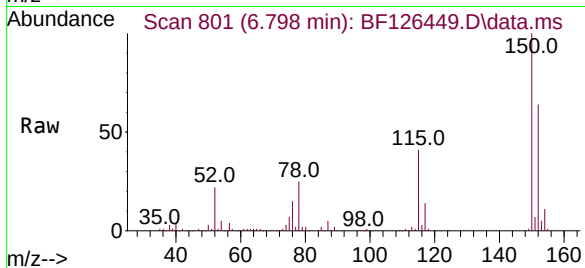




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126449.D
 Acq: 3 Jan 2022 11:29

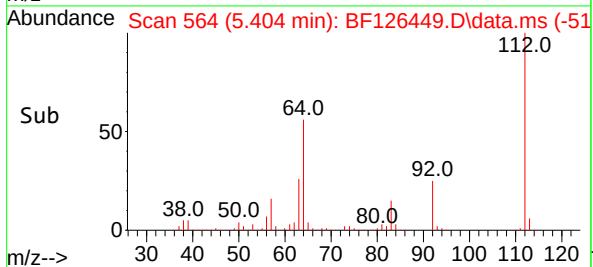
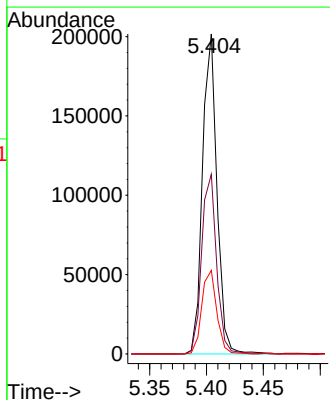
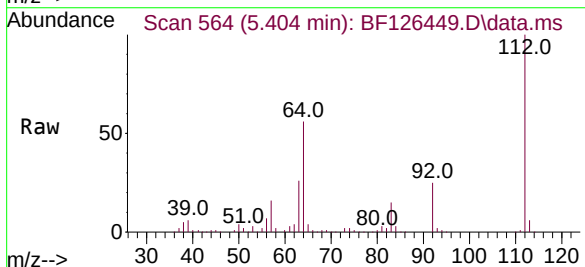
Instrument :
 BNA_F
 ClientSampleId :
 CONC-2A

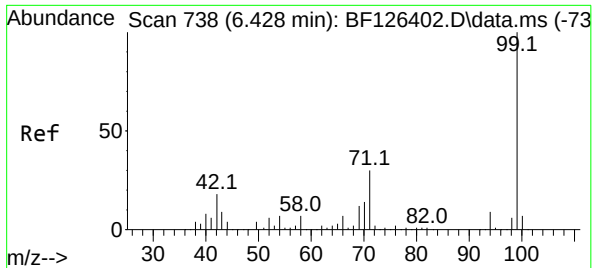
Tgt Ion:152 Resp: 133024
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.1 192.1
 115 64.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 19.187 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF126449.D
 Acq: 3 Jan 2022 11:29

Tgt Ion:112 Resp: 177728
 Ion Ratio Lower Upper
 112 100
 64 56.1 49.5 74.3
 63 26.1 23.9 35.9

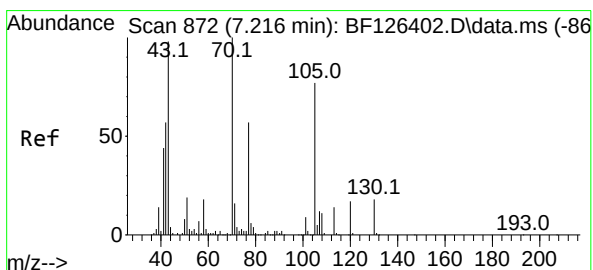
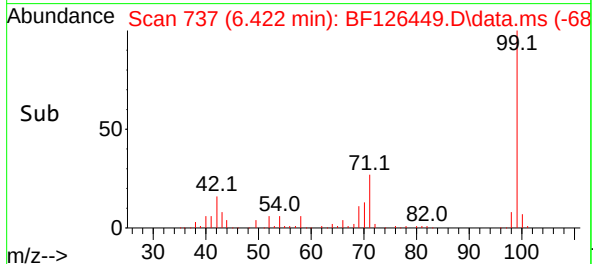
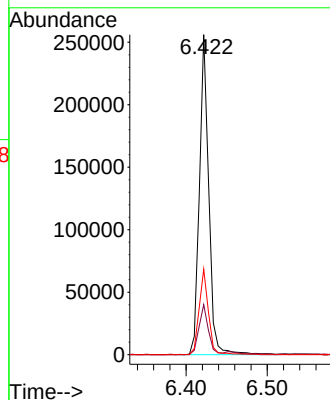
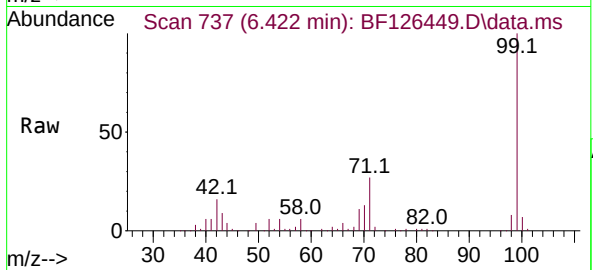




#7
Phenol-d6
Concen: 17.202 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

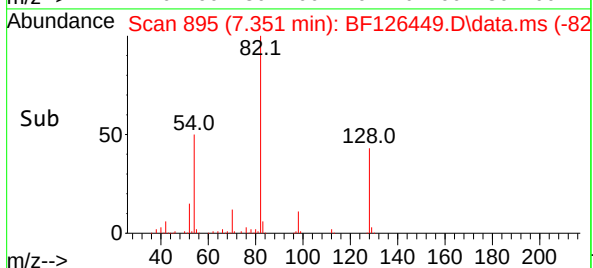
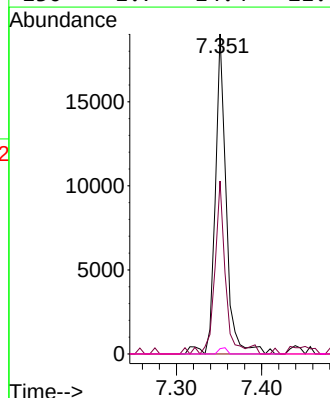
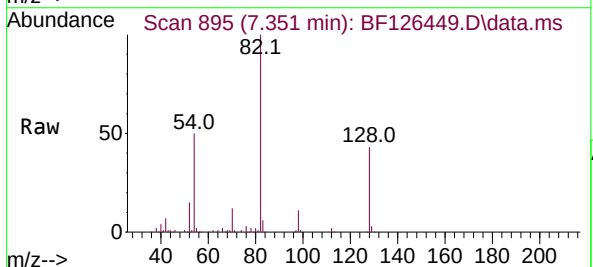
Instrument :
BNA_F
ClientSampleId :
CONC-2A

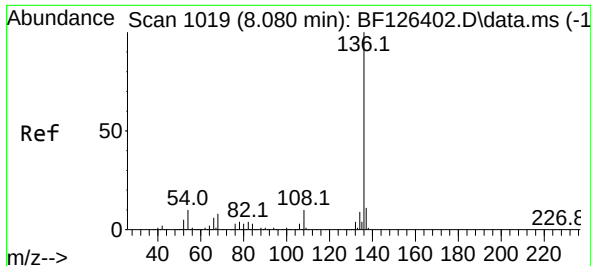
Tgt Ion: 99 Resp: 206386
Ion Ratio Lower Upper
99 100
42 15.7 14.2 21.4
71 26.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.505 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

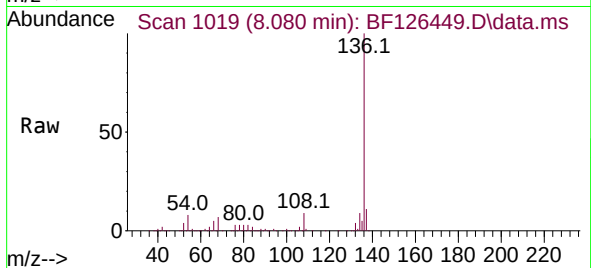
Tgt Ion: 70 Resp: 17147
Ion Ratio Lower Upper
70 100
42 54.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



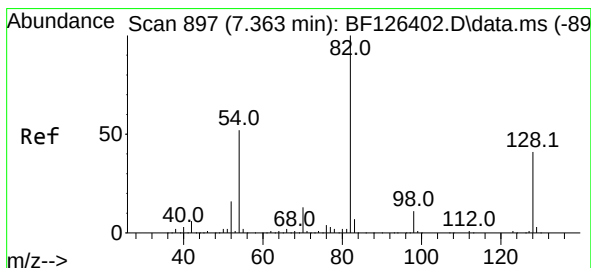
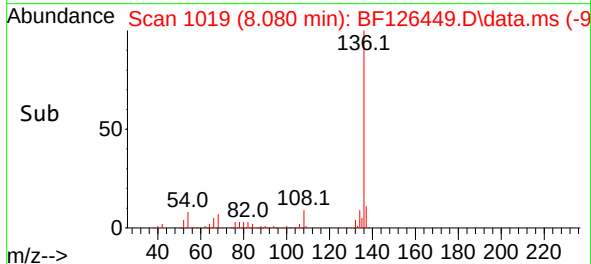
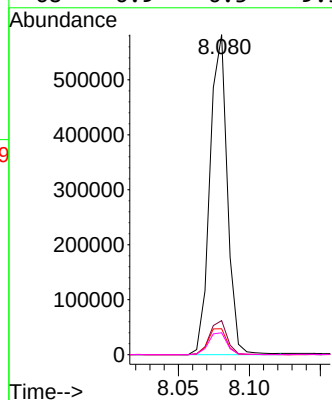


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Instrument :
BNA_F
ClientSampleId :
CONC-2A

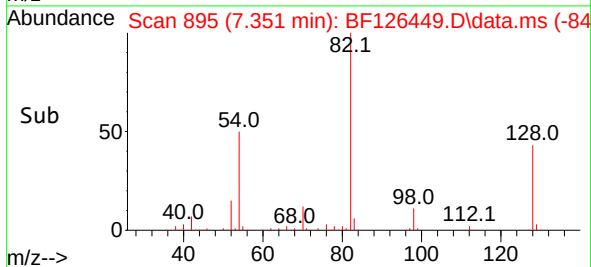
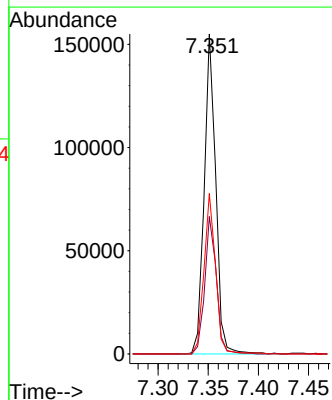
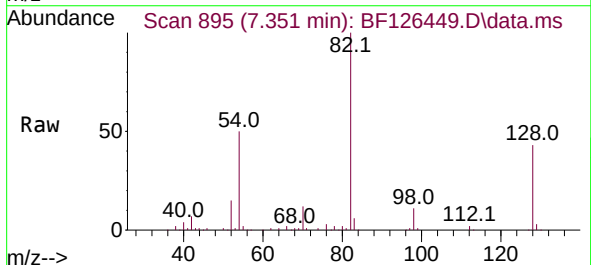


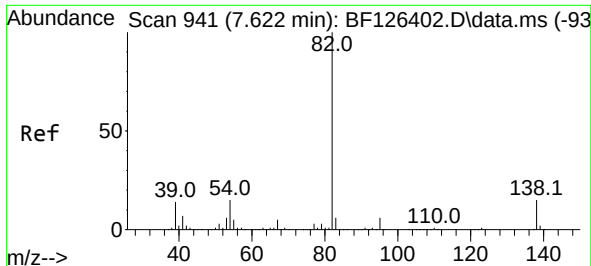
Tgt Ion:136 Resp: 496053
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.8 11.6
68 6.9 6.3 9.5



#23
Nitrobenzene-d5
Concen: 12.900 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Tgt Ion: 82 Resp: 124630
Ion Ratio Lower Upper
82 100
128 43.0 32.7 49.1
54 50.2 41.7 62.5

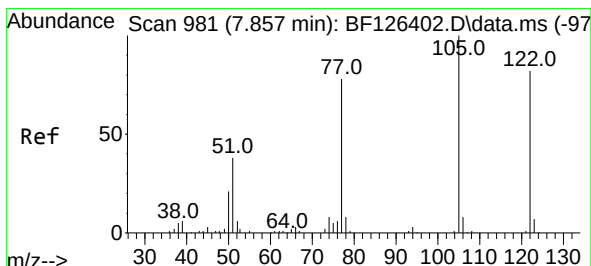
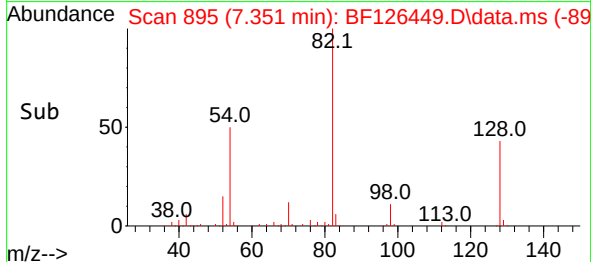
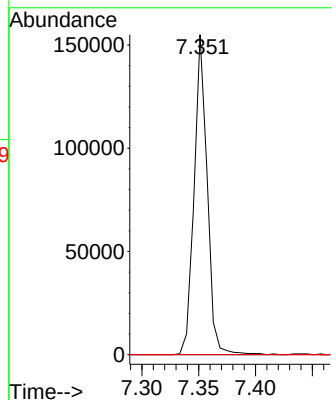
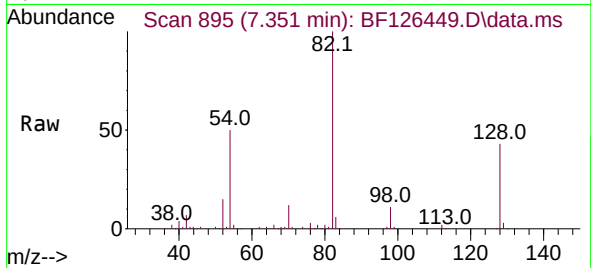




#25
Isophorone
Concen: 7.196 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

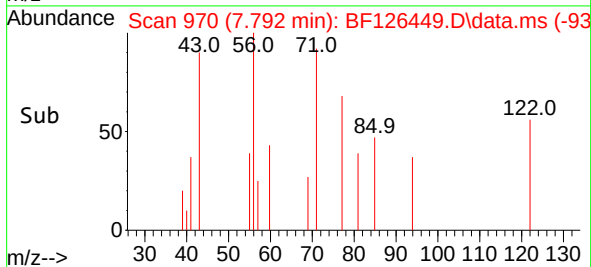
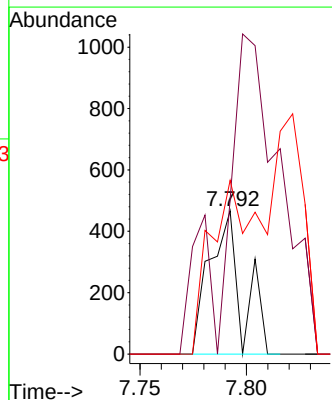
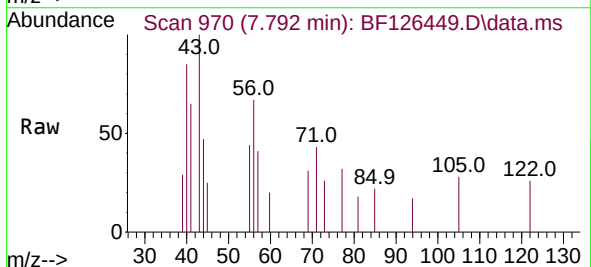
Instrument :
BNA_F
ClientSampleId :
CONC-2A

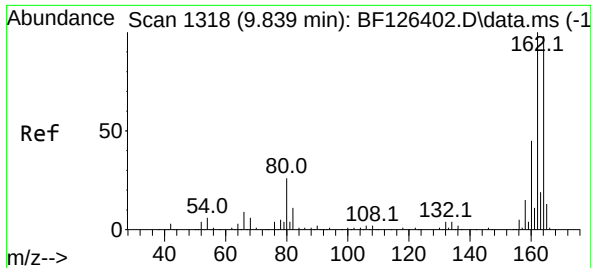
Tgt Ion: 82 Resp: 124451
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.162 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.065 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Tgt Ion:122 Resp: 493
Ion Ratio Lower Upper
122 100
105 107.7 101.0 141.0
77 121.2 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: BF126449.D

Acq: 3 Jan 2022 11:29

Instrument :

BNA_F

ClientSampleId :

CONC-2A

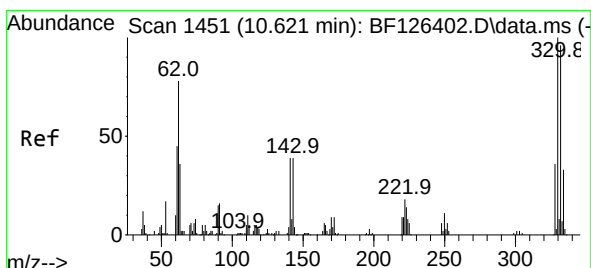
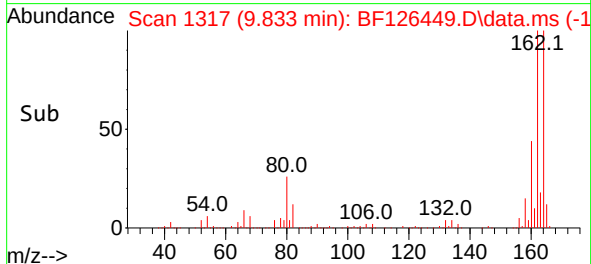
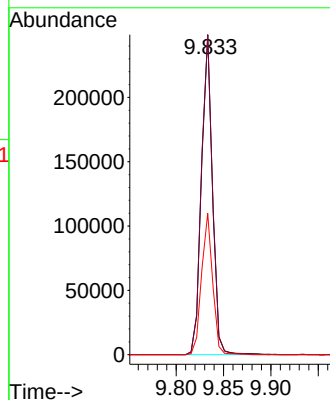
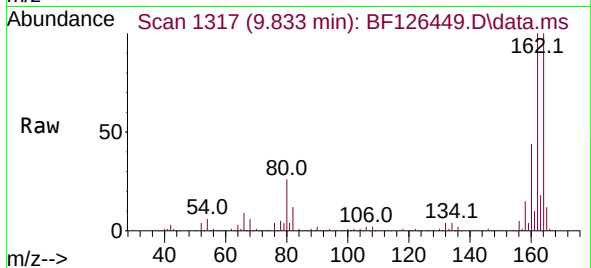
Tgt Ion:164 Resp: 200228

Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 44.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 16.146 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF126449.D

Acq: 3 Jan 2022 11:29

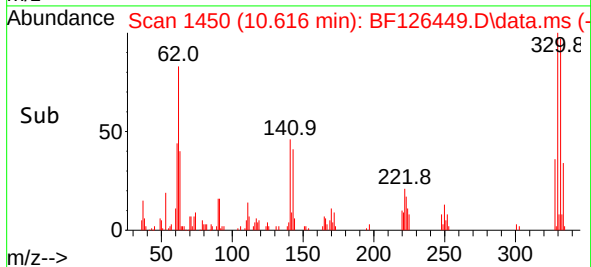
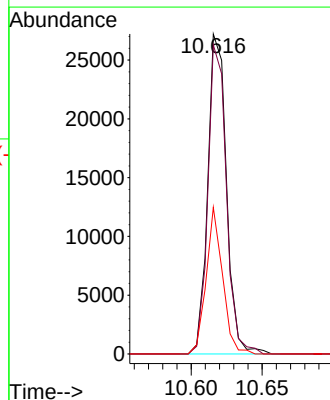
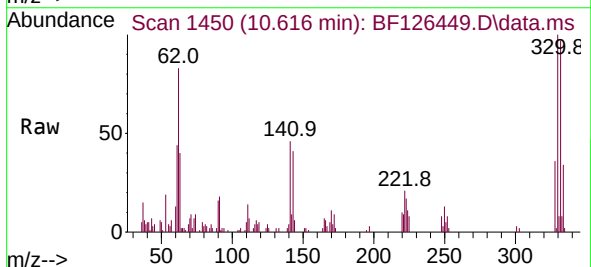
Tgt Ion:330 Resp: 24982

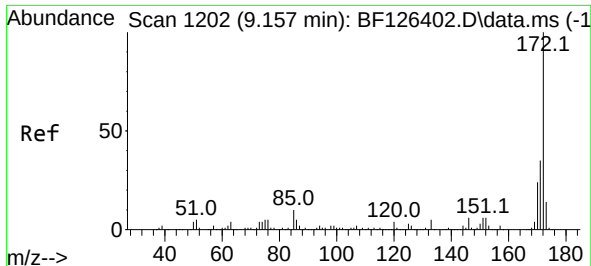
Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 40.2 30.1 45.1

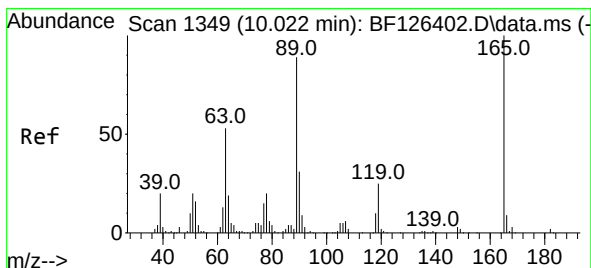
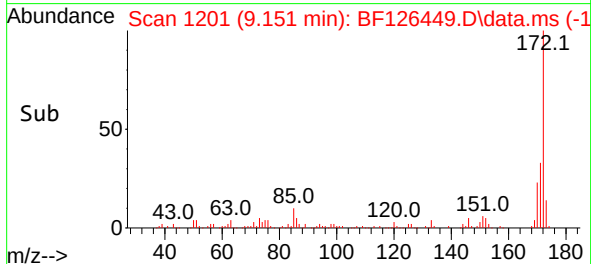
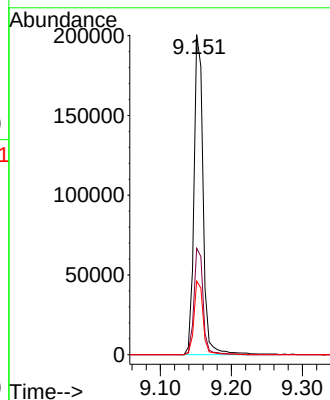
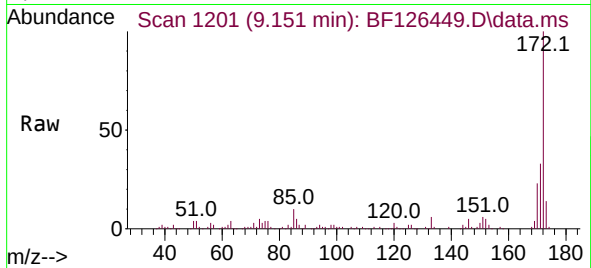




#45
2-Fluorobiphenyl
Concen: 15.826 ng
RT: 9.151 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

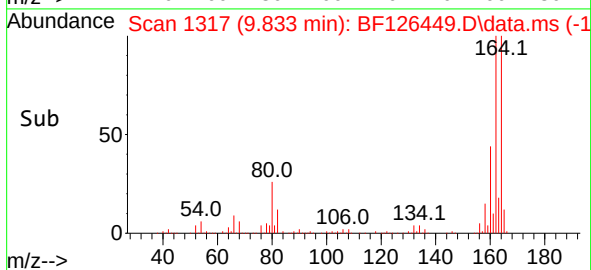
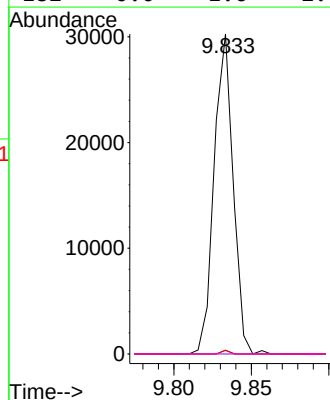
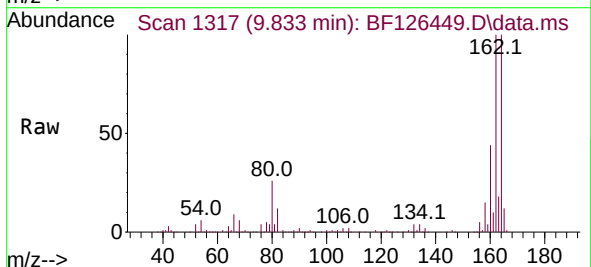
Instrument :
BNA_F
ClientSampleId :
CONC-2A

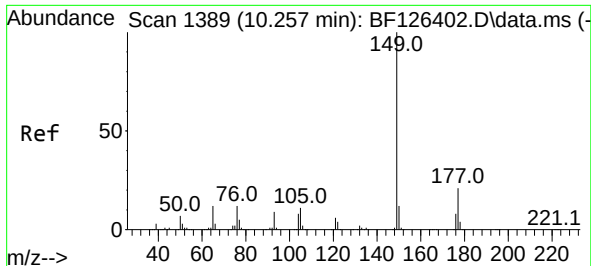
Tgt Ion:172 Resp: 180074
Ion Ratio Lower Upper
172 100
171 33.2 28.3 42.5
170 22.9 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 7.416 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Tgt Ion:165 Resp: 25827
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

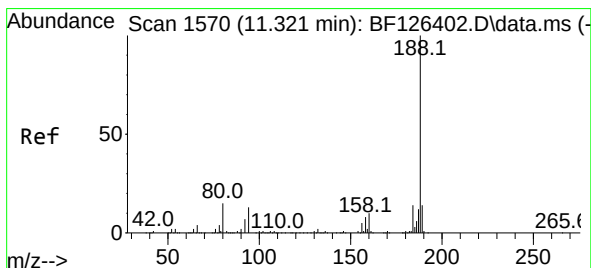
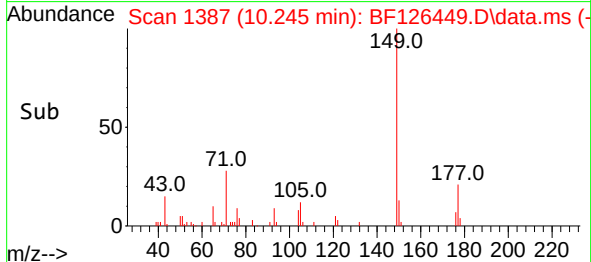
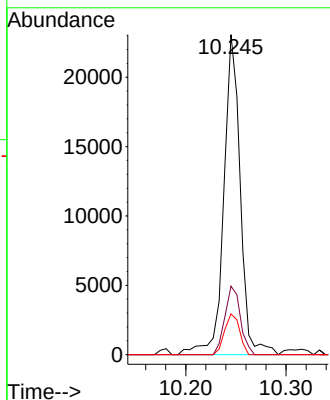
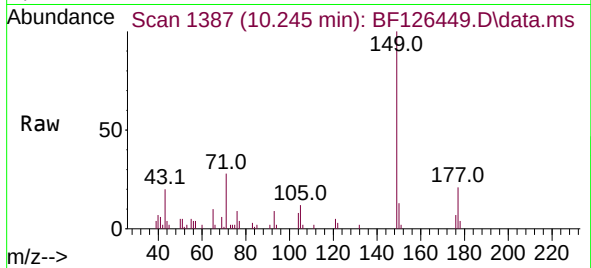




#60
Diethylphthalate
Concen: 2.186 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

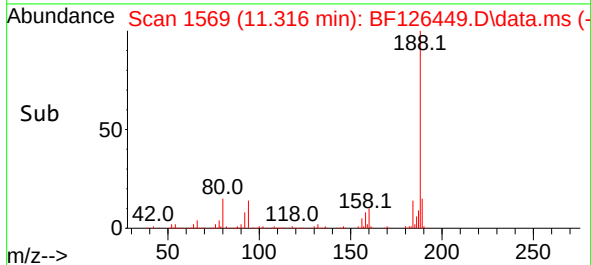
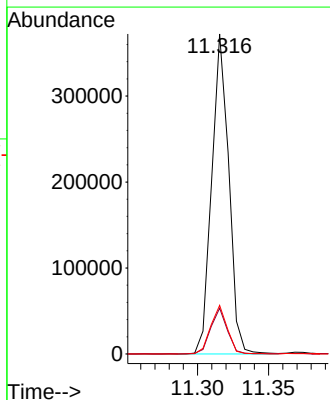
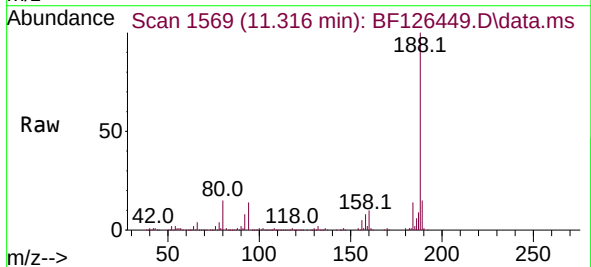
Instrument :
BNA_F
ClientSampleId :
CONC-2A

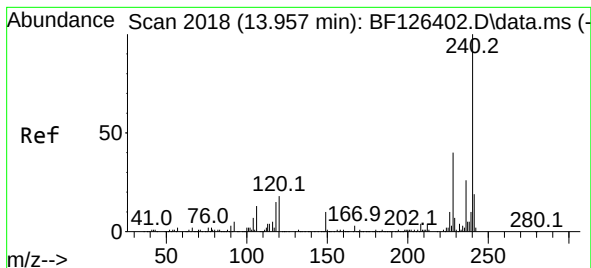
Tgt Ion:149 Resp: 26339
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.8 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Tgt Ion:188 Resp: 310053
Ion Ratio Lower Upper
188 100
94 14.3 10.1 15.1
80 15.2 11.8 17.6

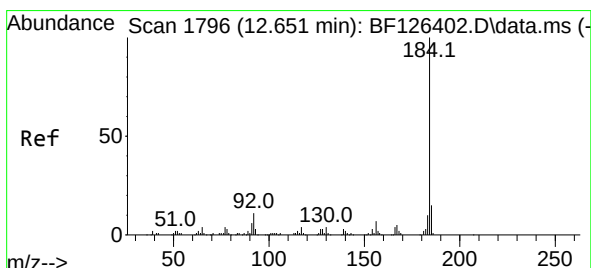
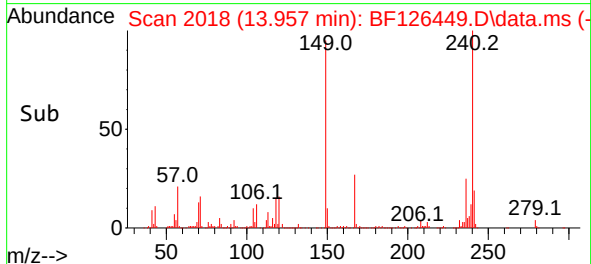
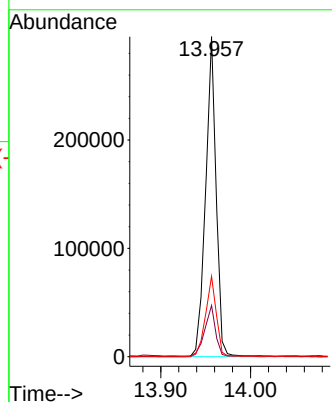
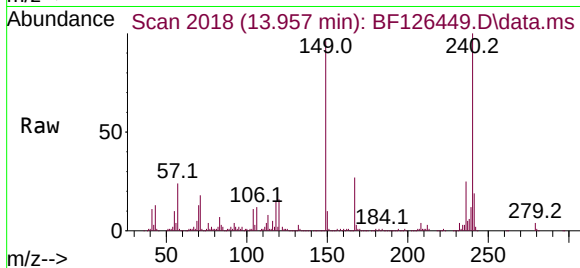




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

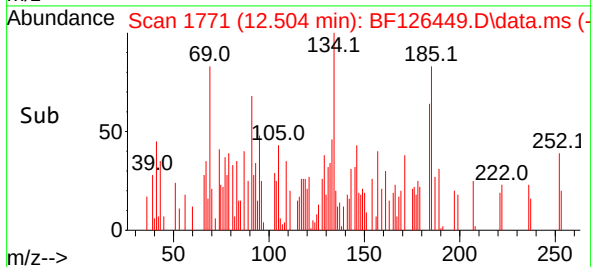
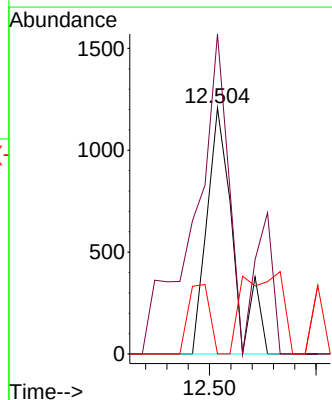
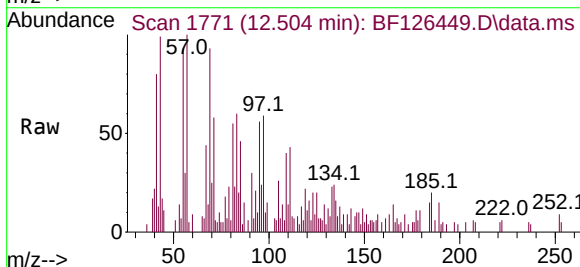
Instrument :
BNA_F
ClientSampleId :
CONC-2A

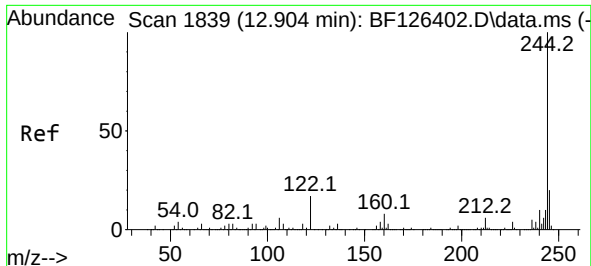
Tgt Ion:240 Resp: 240614
Ion Ratio Lower Upper
240 100
120 16.0 14.4 21.6
236 25.1 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.504 min Scan# 1771
Delta R.T. -0.147 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

Tgt Ion:184 Resp: 1027
Ion Ratio Lower Upper
184 100
185 130.0 11.8 17.8#
183 0.0 8.2 12.2#

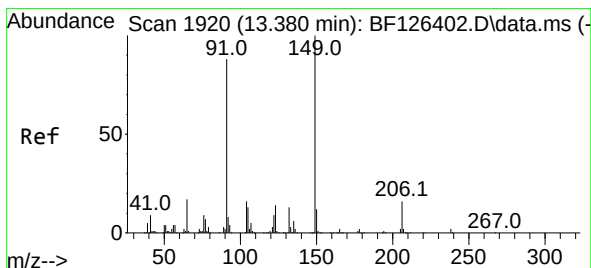
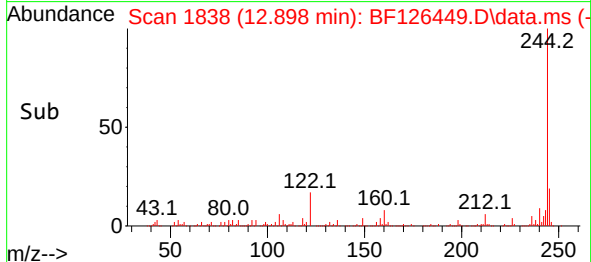
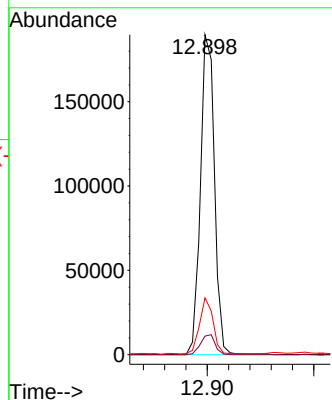
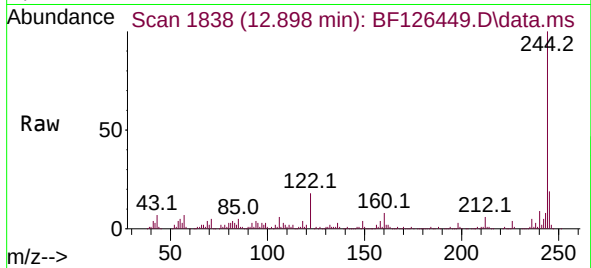




#79
 Terphenyl-d14
 Concen: 14.066 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF126449.D
 Acq: 3 Jan 2022 11:29

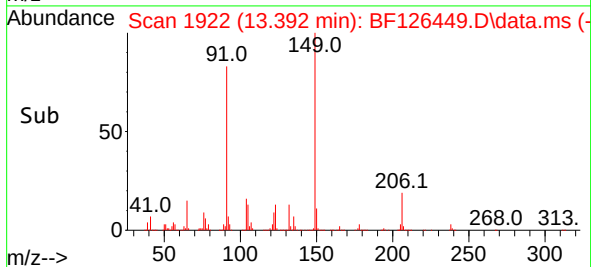
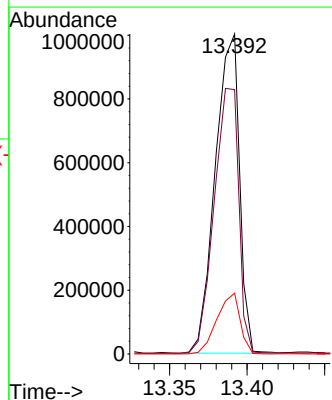
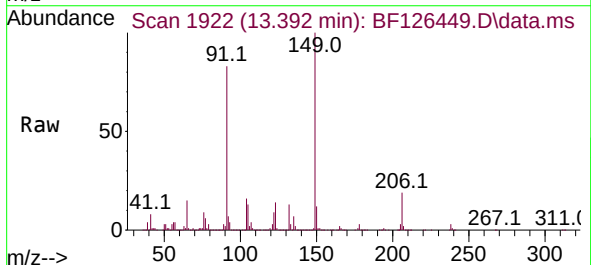
Instrument :
 BNA_F
 ClientSampleId :
 CONC-2A

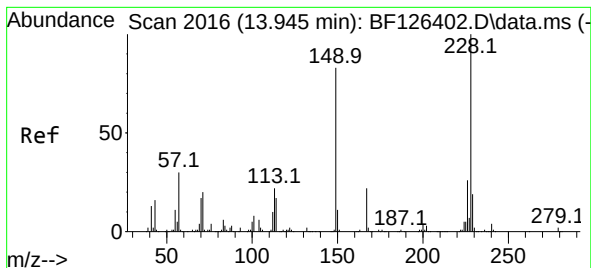
Tgt Ion:244 Resp: 174195
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 17.8 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 121.015 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.012 min
 Lab File: BF126449.D
 Acq: 3 Jan 2022 11:29

Tgt Ion:149 Resp: 1090392
 Ion Ratio Lower Upper
 149 100
 91 82.6 70.5 105.7
 206 19.0 12.6 19.0#

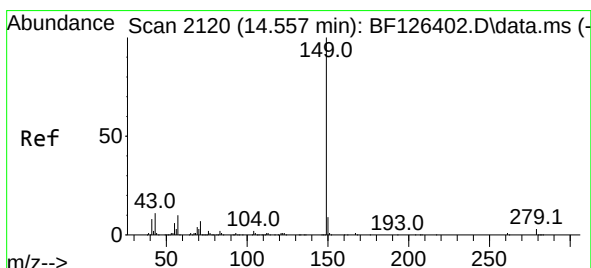
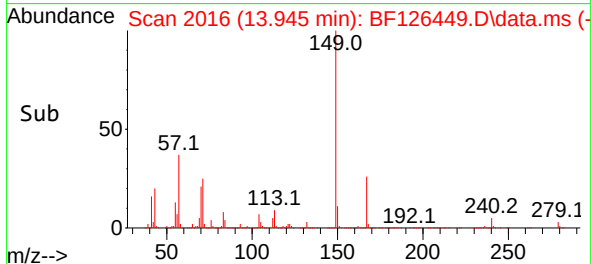
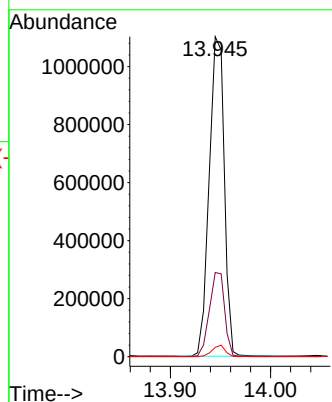
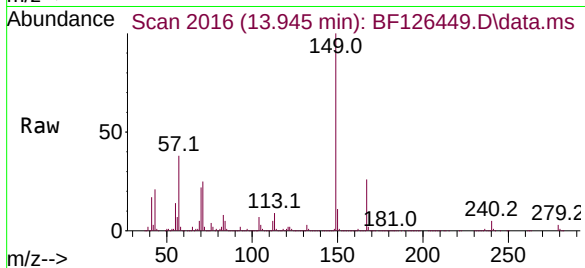




#84
Bis(2-ethylhexyl)phthalate
Concen: 124.079 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

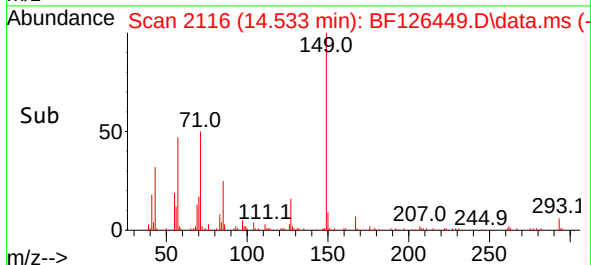
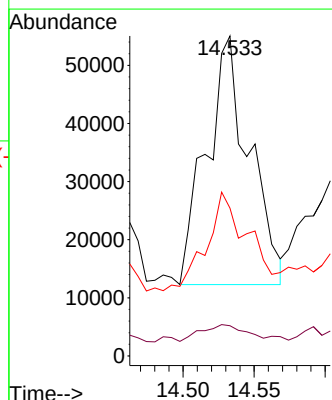
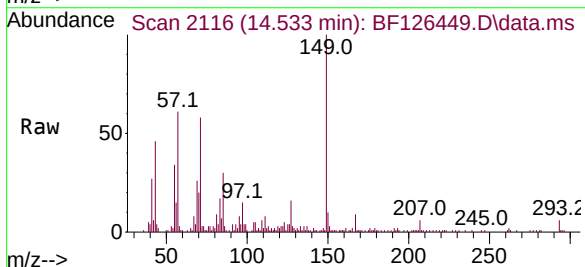
Instrument :
BNA_F
ClientSampleId :
CONC-2A

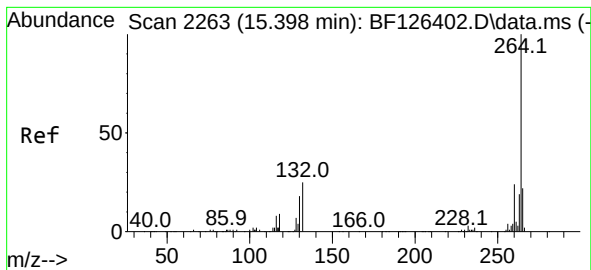
Tgt Ion:149 Resp: 1158641
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 2.9 2.4 3.6



#85
Di-n-octyl phthalate
Concen: 5.547 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.024 min
Lab File: BF126449.D
Acq: 3 Jan 2022 11:29

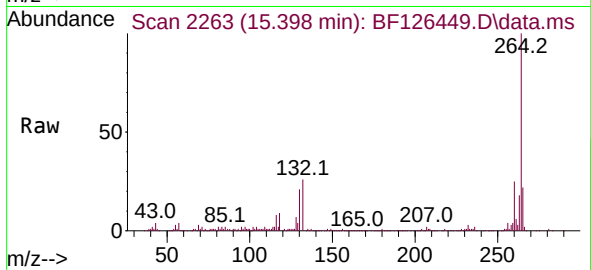
Tgt Ion:149 Resp: 89831
Ion Ratio Lower Upper
149 100
167 8.8 1.1 1.7#
43 39.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126449.D
 Acq: 3 Jan 2022 11:29

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2A



Tgt Ion:264 Resp: 270251

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	17.4	26.2

