

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
 Data File : BF124114.D
 Acq On : 28 May 2021 19:12
 Operator : JU/CG
 Sample : M2517-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1917

Quant Time: May 29 00:00:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

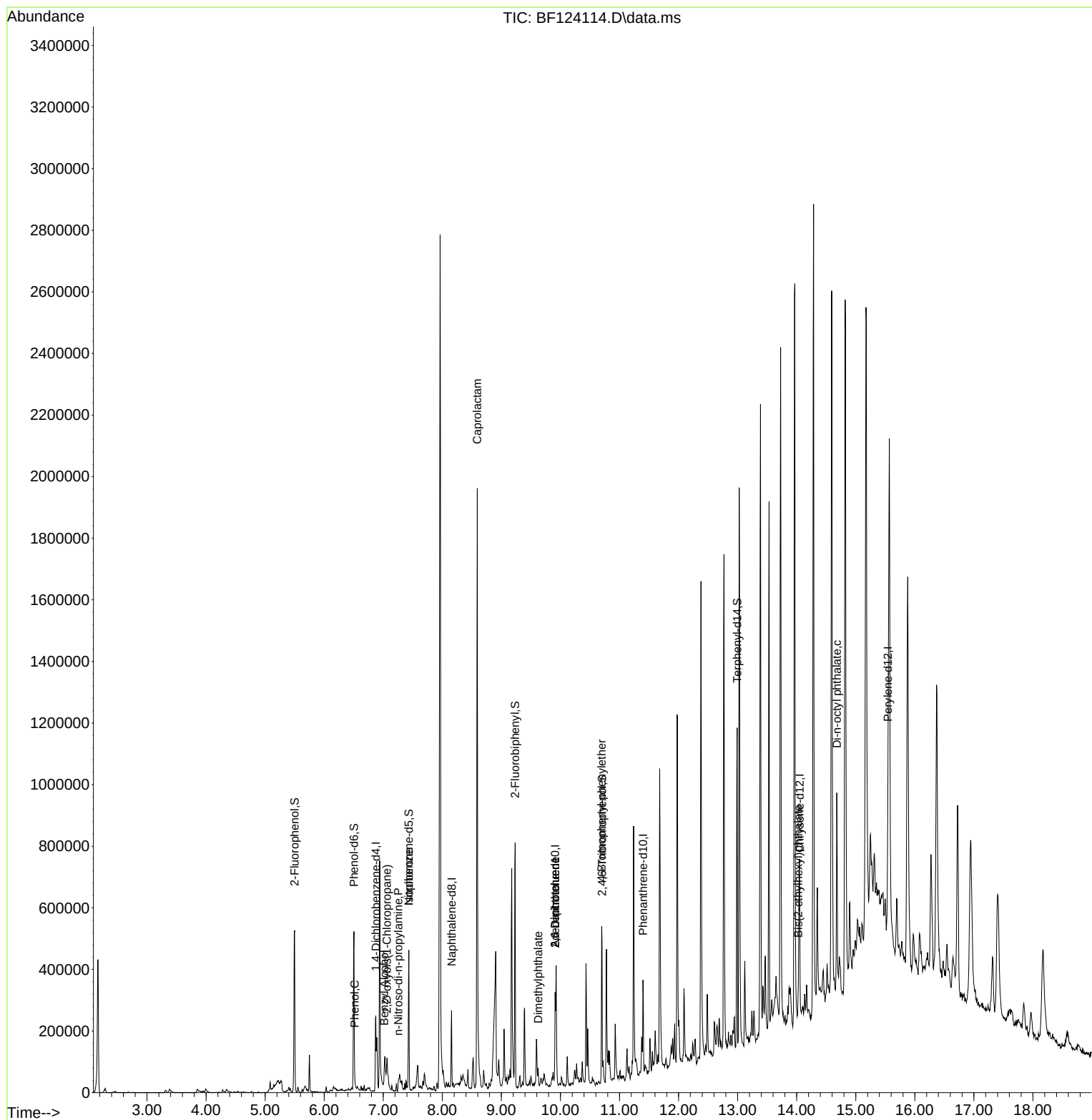
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	25554	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	87117	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	46782	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	88847	20.00	ng	0.00
76) Chrysene-d12	14.051	240	94509	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	98652	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	131818	72.43	ng	0.00
7) Phenol-d6	6.504	99	142618	60.41	ng	0.00
23) Nitrobenzene-d5	7.434	82	125387	62.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	52288	93.06	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	207611	54.61	ng	0.00
79) Terphenyl-d14	12.992	244	287973	46.15	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	7226	3.03	ng	91
15) Benzyl Alcohol	7.016	79	7665	3.76	ng	85
16) 2,2'-oxybis(1-Chloropr...	7.063	45	23653	6.34	ng	80
19) n-Nitroso-di-n-propyla...	7.257	70	4331	2.71	ng	# 85
25) Isophorone	7.434	82	125385	32.24	ng	# 69
35) Caprolactam	8.592	113	3916	9.54	ng	# 1
50) Dimethylphthalate	9.622	163	14987	4.01	ng	98
51) 2,6-Dinitrotoluene	9.910	165	5415	7.17	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	5415	5.84	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	3042	2.61	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.027	149	19769	4.26	ng	# 92
85) Di-n-octyl phthalate	14.680	149	52665	7.50	ng	# 61

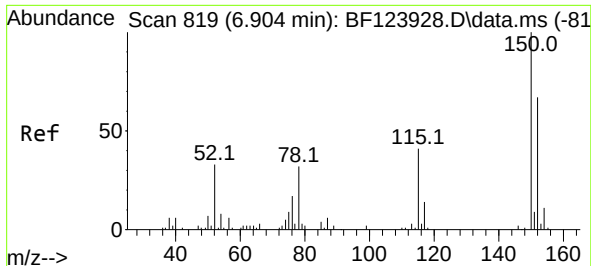
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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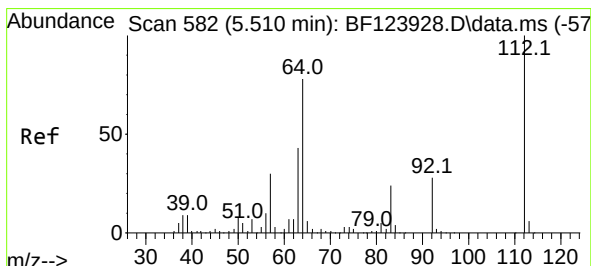
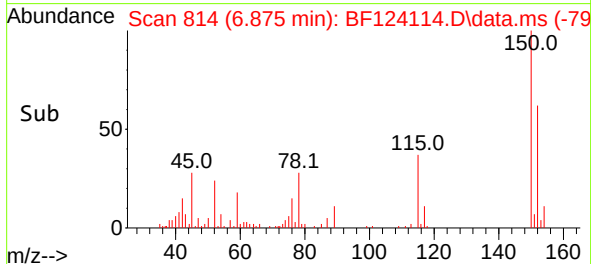
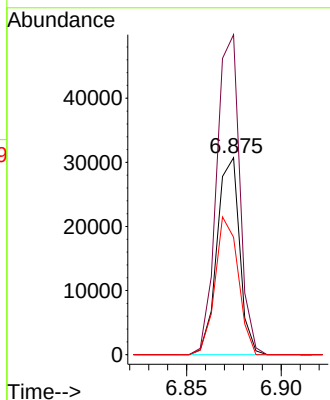
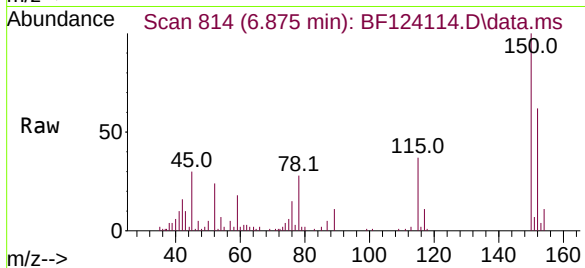




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

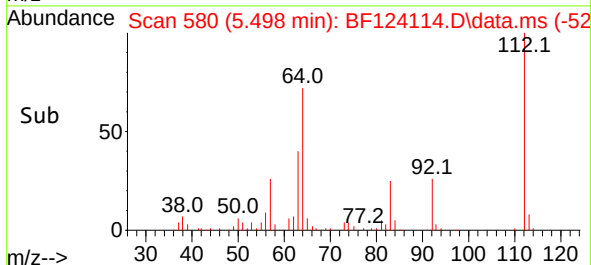
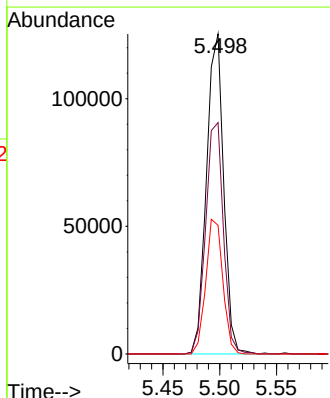
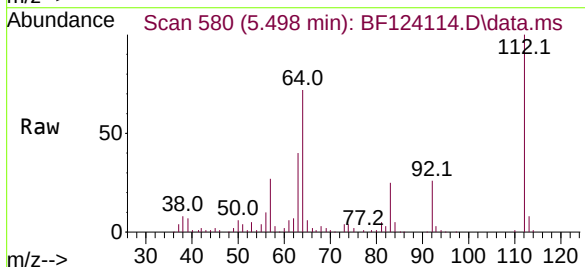
Instrument :
BNA_F
ClientSampleId :
1917

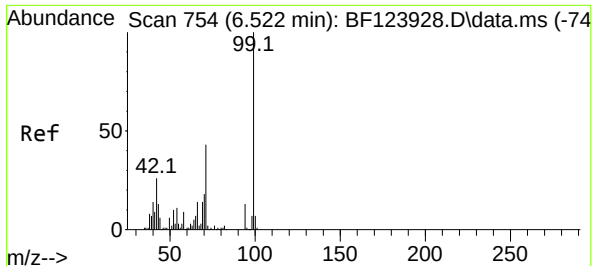
Tgt Ion:152 Resp: 25554
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 59.6 54.3 81.5



#5
2-Fluorophenol
Concen: 72.43 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion:112 Resp: 131818
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 40.2 33.0 49.4

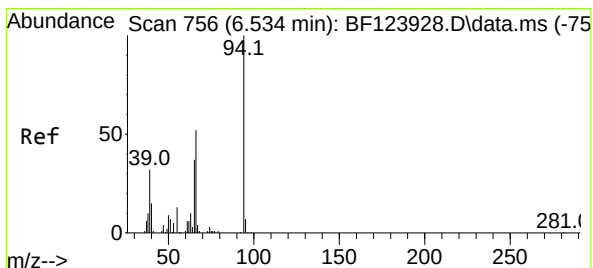
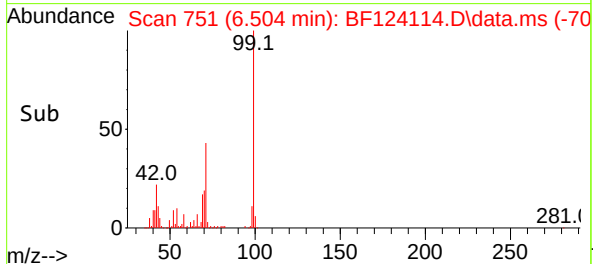
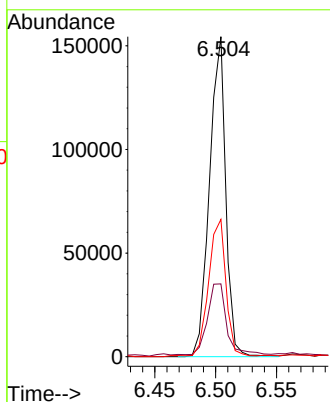
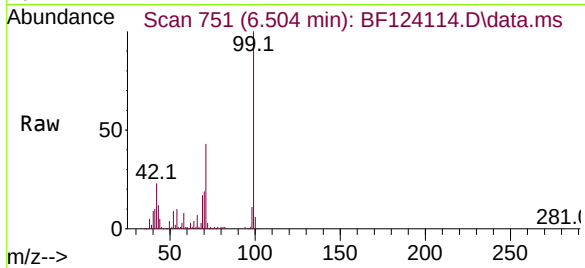




#7
Phenol-d6
Concen: 60.41 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

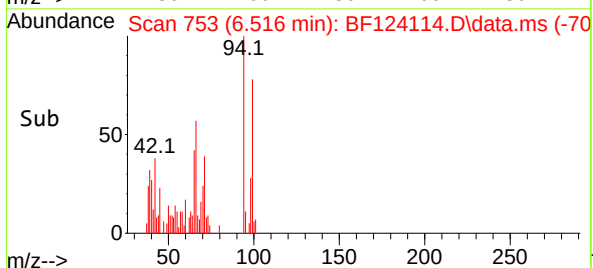
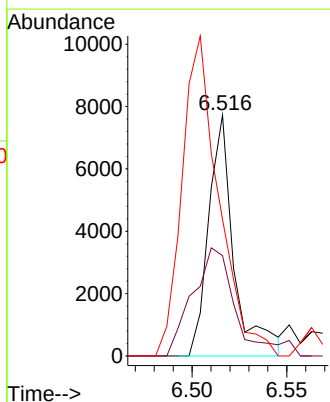
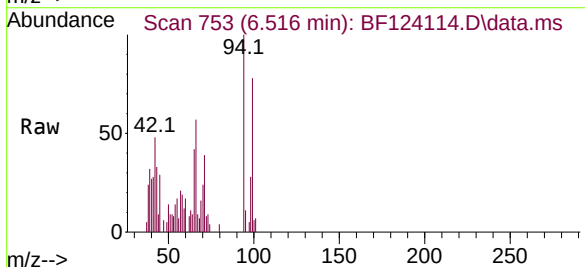
Instrument :
BNA_F
ClientSampled :
1917

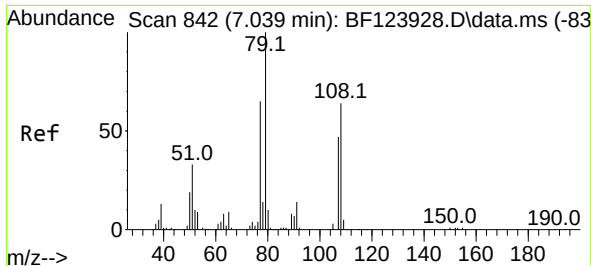
Tgt Ion: 99 Resp: 142618
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 42.9 31.1 46.7



#10
Phenol
Concen: 3.03 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion: 94 Resp: 7226
Ion Ratio Lower Upper
94 100
65 41.7 18.1 58.1
66 56.7 29.0 69.0





#15

Benzyl Alcohol

Concen: 3.76 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF124114.D

Acq: 28 May 2021 19:12

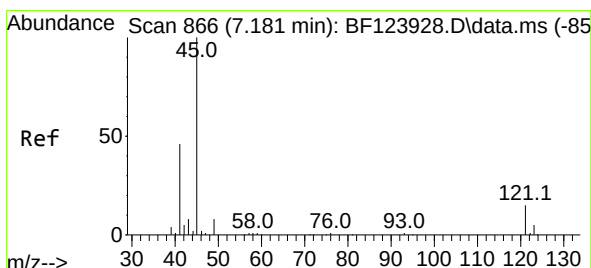
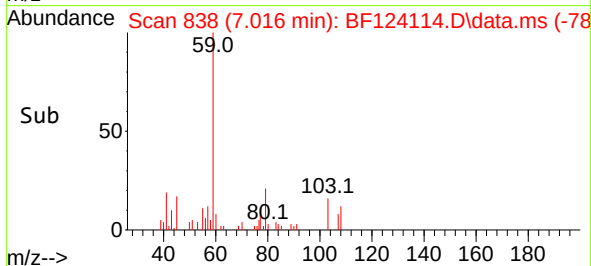
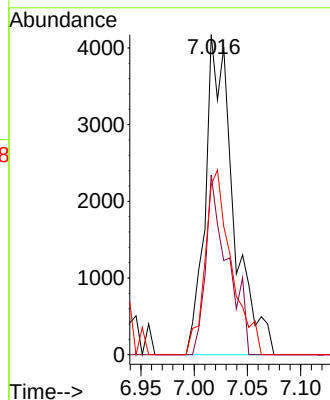
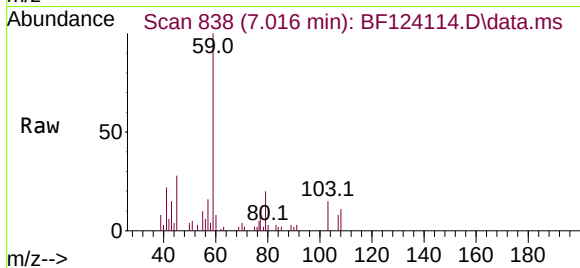
Tgt Ion:	79	Resp:	7665
Ion	Ratio	Lower	Upper
79	100		
108	56.2	55.8	83.8
77	53.0	49.9	74.9

Instrument :

BNA_F

ClientSampleId :

1917



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.34 ng

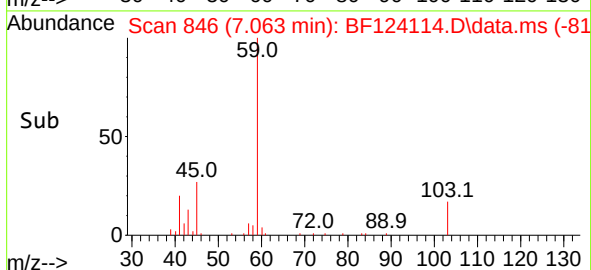
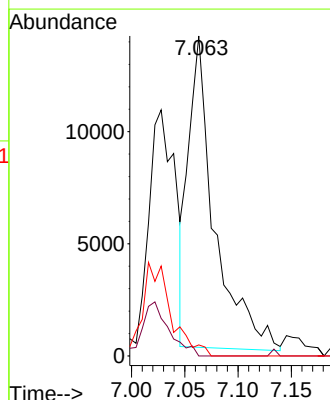
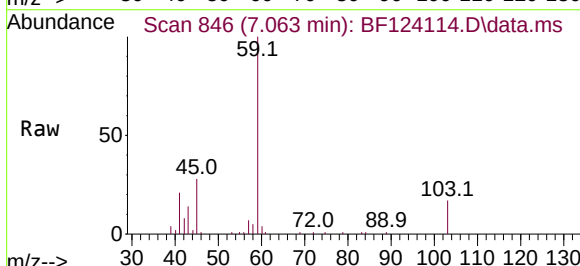
RT: 7.063 min Scan# 846

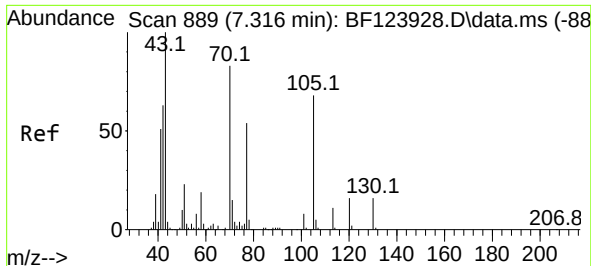
Delta R.T. -0.094 min

Lab File: BF124114.D

Acq: 28 May 2021 19:12

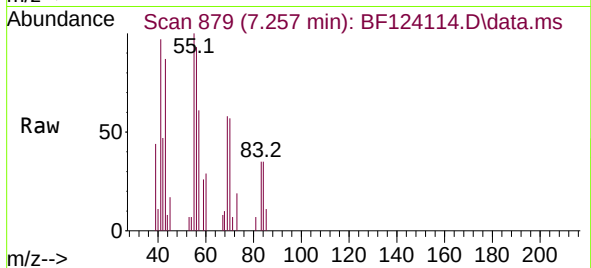
Tgt Ion:	45	Resp:	23653
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	3.5	0.0	27.3



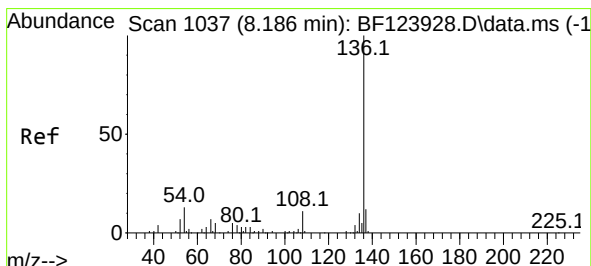
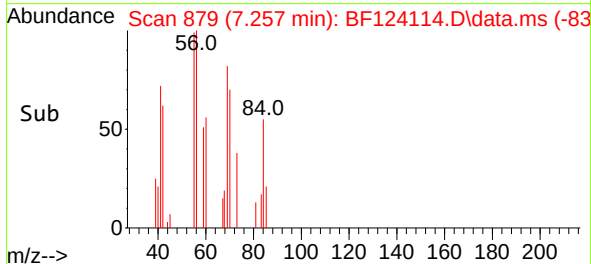
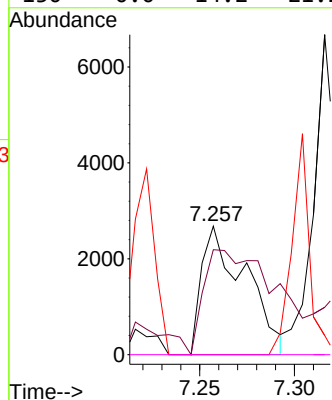


#19
n-Nitroso-di-n-propylamine
Concen: 2.71 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.035 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Instrument :
BNA_F
ClientSampled :
1917

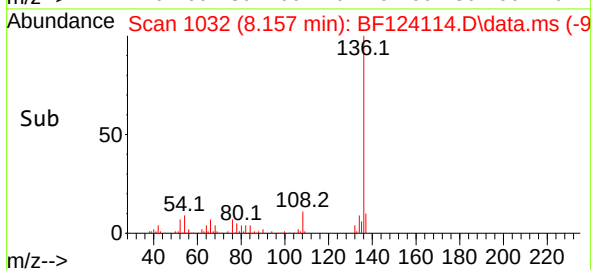
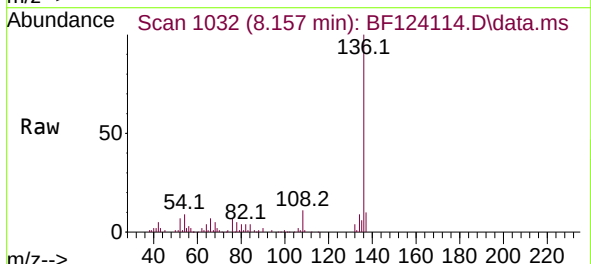
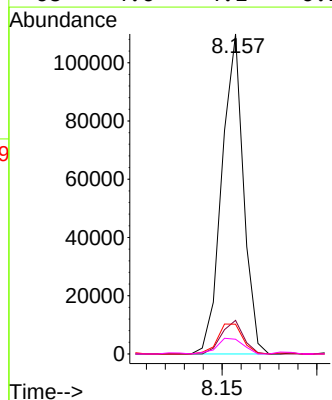


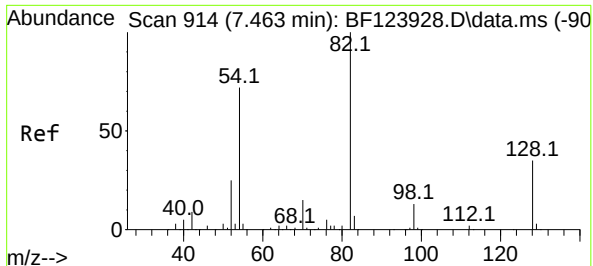
Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.7	60.1	90.1
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.3	9.8	14.6#
68	4.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 62.01 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF124114.D

Acq: 28 May 2021 19:12

Tgt Ion: 82 Resp: 125387

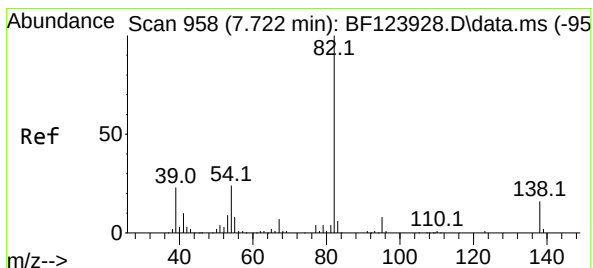
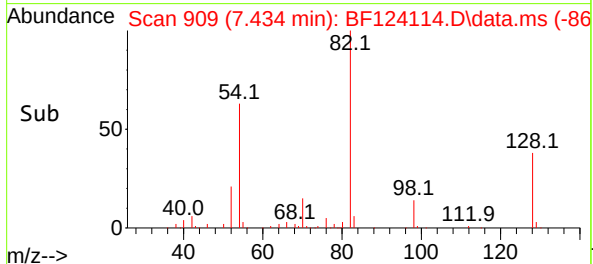
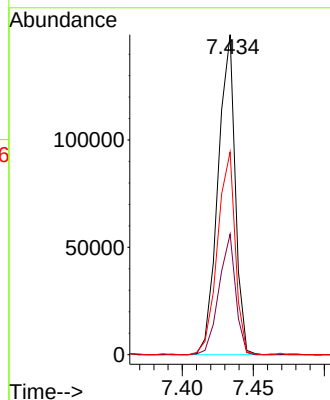
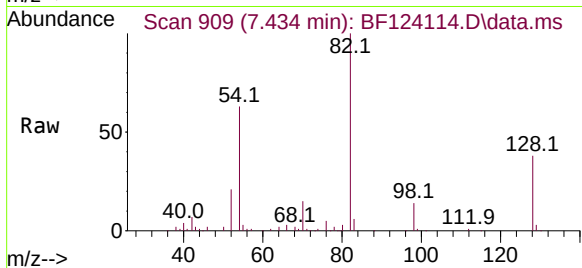
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.4	44.2
54	63.3	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

1917



#25

Isophorone

Concen: 32.24 ng

RT: 7.434 min Scan# 909

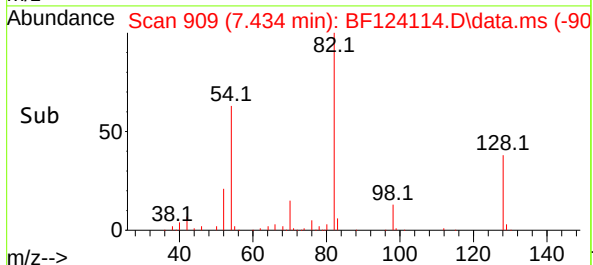
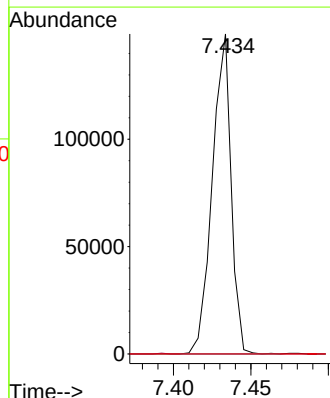
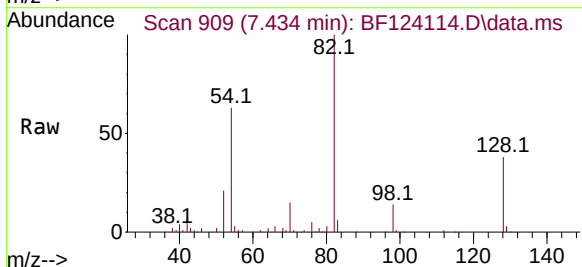
Delta R.T. -0.265 min

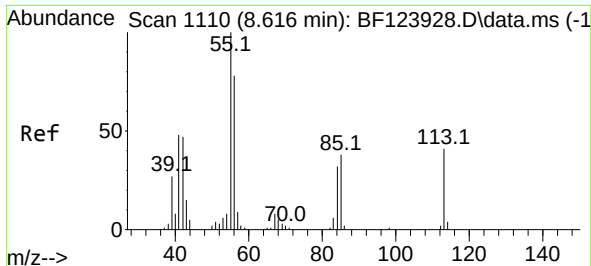
Lab File: BF124114.D

Acq: 28 May 2021 19:12

Tgt Ion: 82 Resp: 125385

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

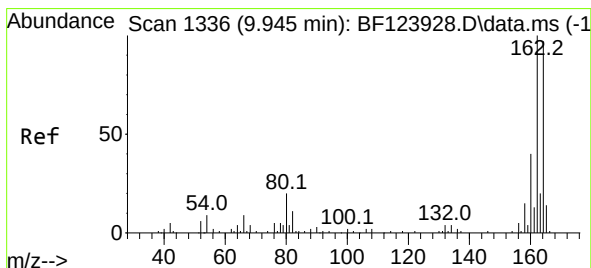
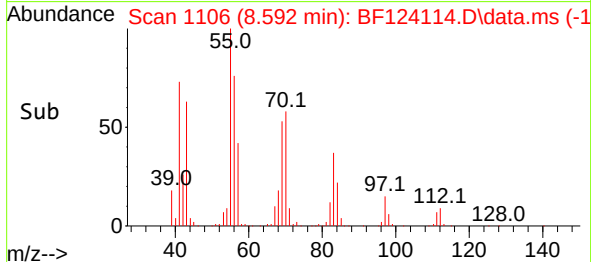
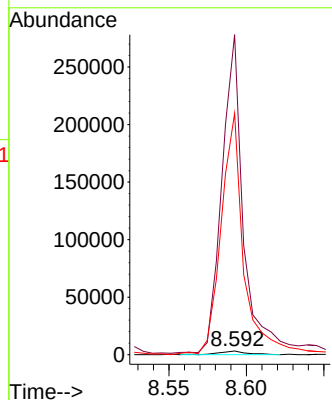
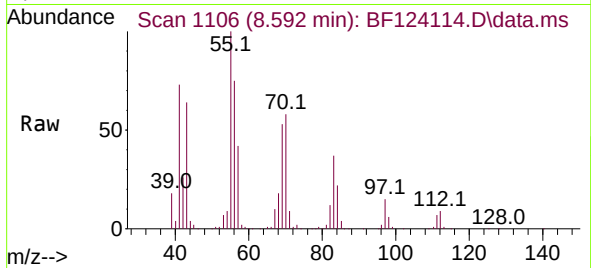




#35
 Caprolactam
 Concen: 9.54 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF124114.D
 Acq: 28 May 2021 19:12

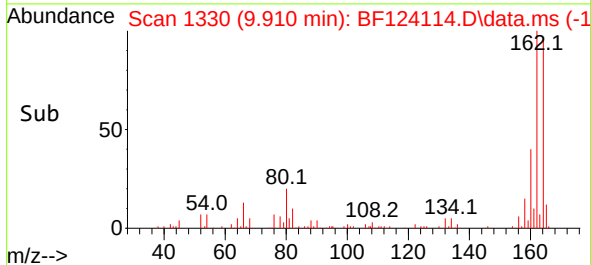
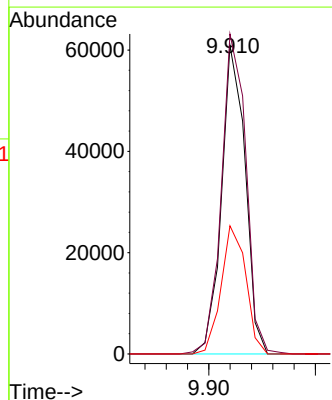
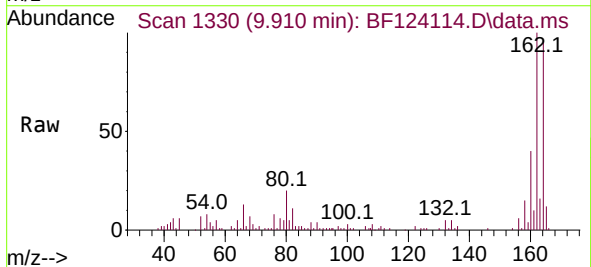
Instrument :
 BNA_F
 ClientSampled :
 1917

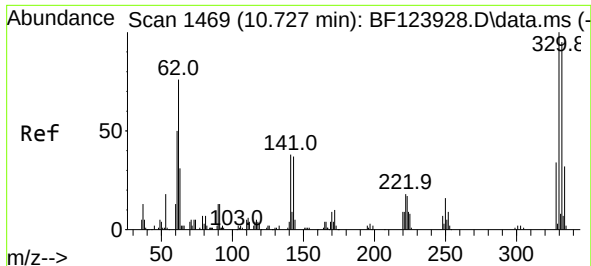
Tgt Ion:113 Resp: 3916
 Ion Ratio Lower Upper
 113 100
 55 8774.3 254.9 294.9#
 56 6616.0 179.4 219.4#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.910 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF124114.D
 Acq: 28 May 2021 19:12

Tgt Ion:164 Resp: 46782
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.7 121.1
 160 41.5 37.3 55.9

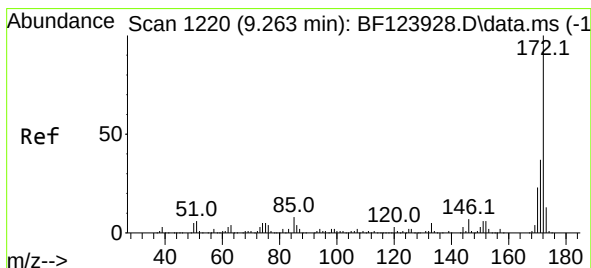
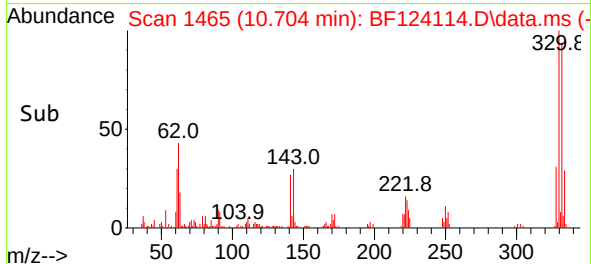
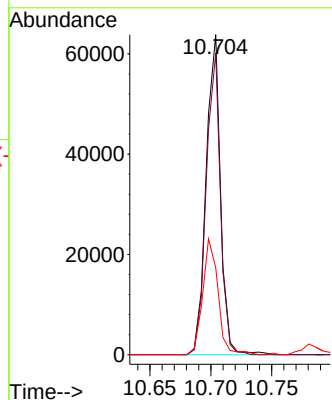
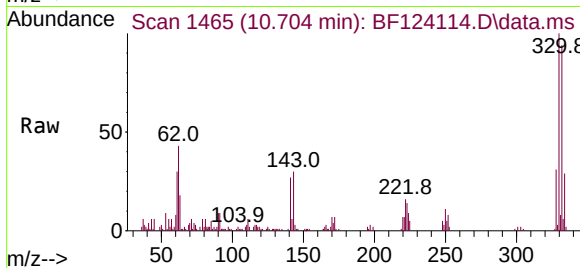




#42
2,4,6-Tribromophenol
Concen: 93.06 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

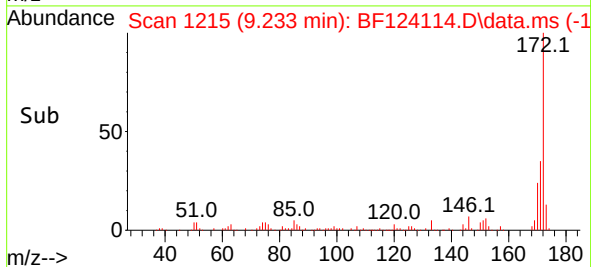
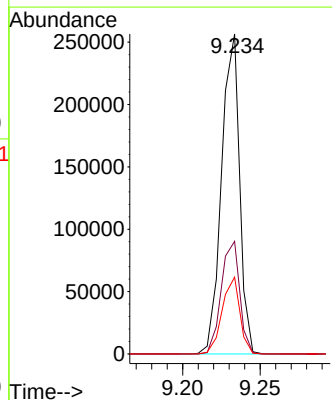
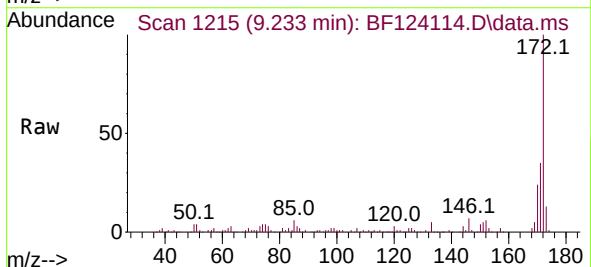
Instrument :
BNA_F
ClientSampled :
1917

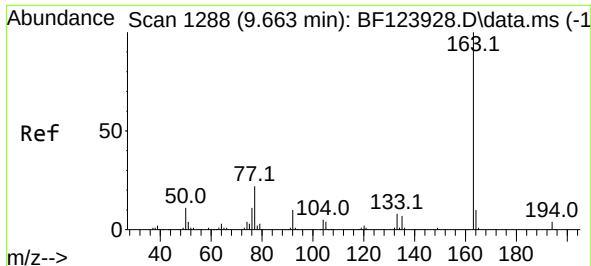
Tgt Ion: 330 Resp: 52288
Ion Ratio Lower Upper
330 100
332 92.6 77.1 115.7
141 38.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.61 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion: 172 Resp: 207611
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.0 19.2 28.8

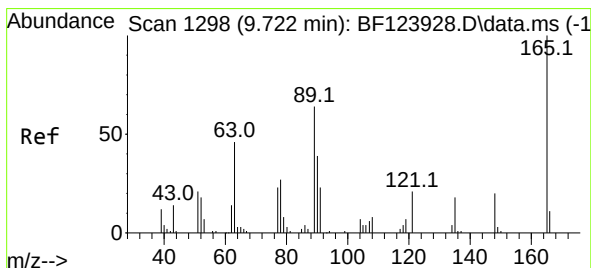
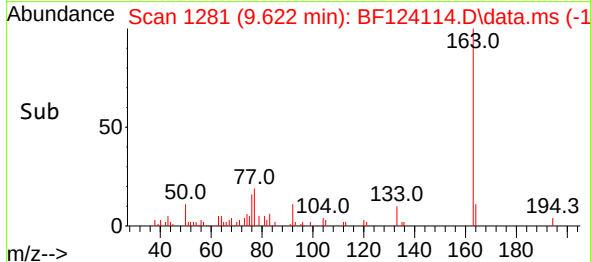
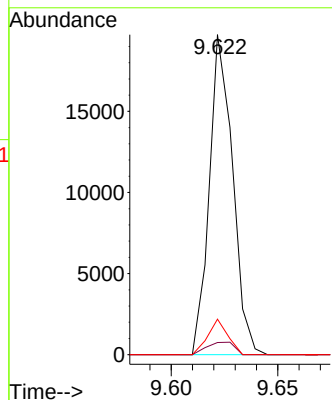
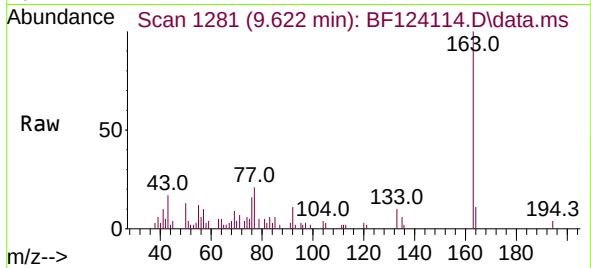




#50
Dimethylphthalate
Concen: 4.01 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

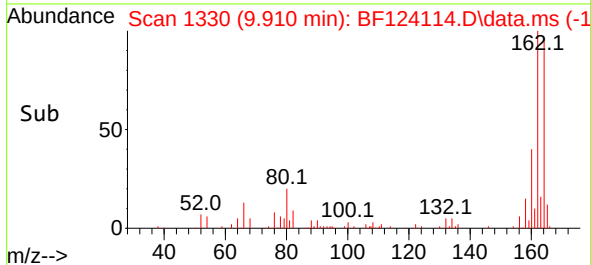
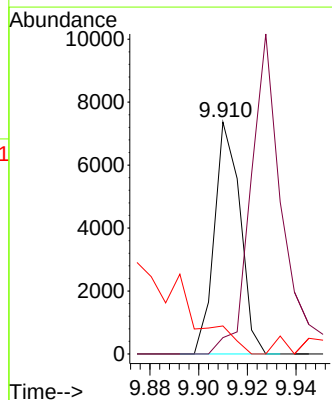
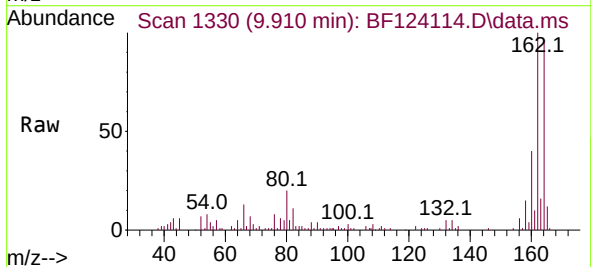
Instrument :
BNA_F
ClientSampled :
1917

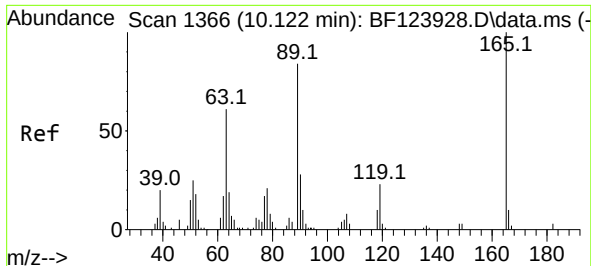
Tgt Ion:163 Resp: 14987
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 11.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

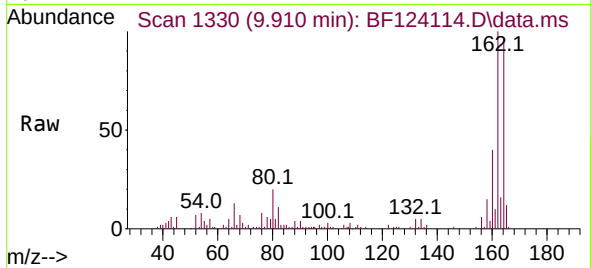
Tgt Ion:165 Resp: 5415
Ion Ratio Lower Upper
165 100
63 7.1 67.7 101.5#
89 12.1 58.8 88.2#



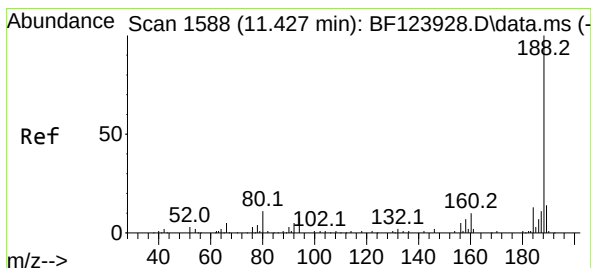
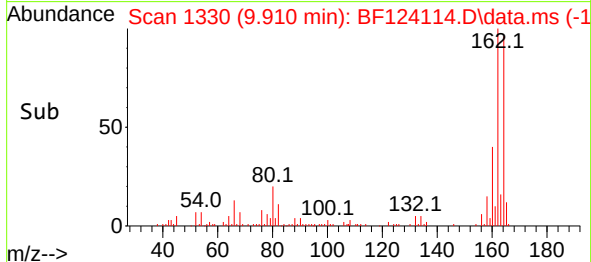
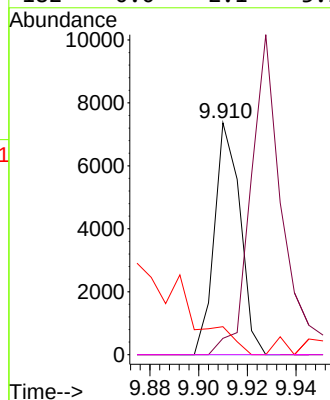


#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Instrument :
BNA_F
ClientSampled :
1917

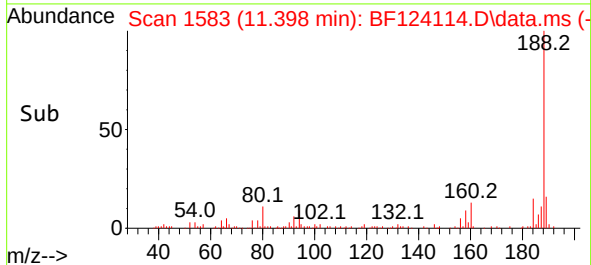
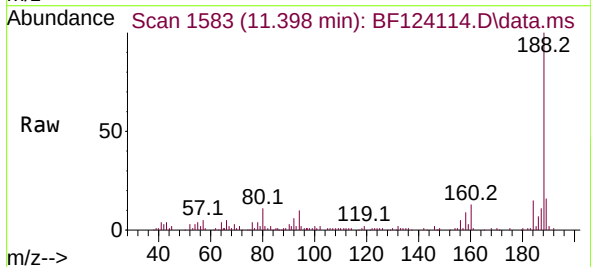
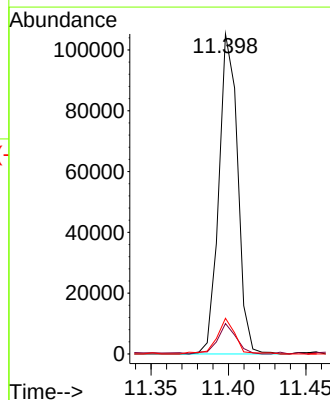


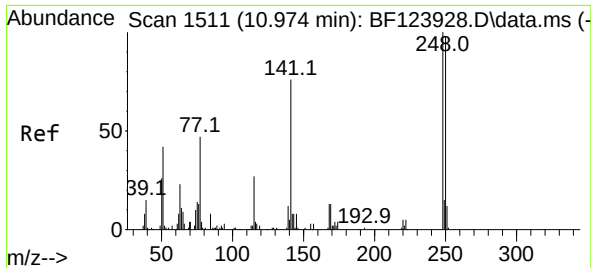
Tgt Ion:165 Resp: 5415
Ion Ratio Lower Upper
165 100
63 7.1 43.5 65.3#
89 12.1 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion:188 Resp: 88847
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 11.2 8.2 12.2

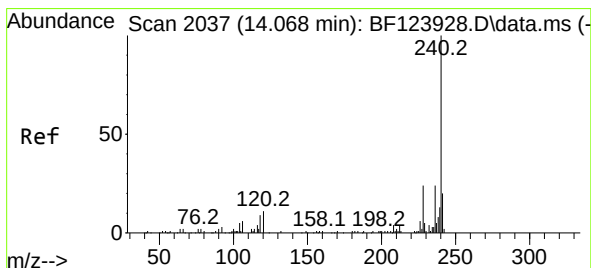
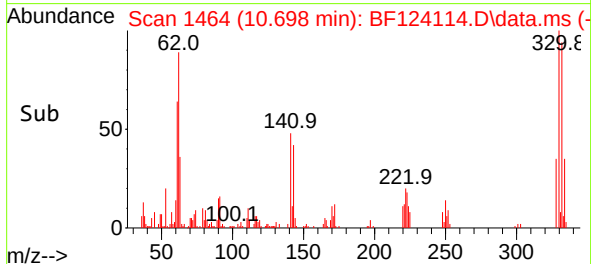
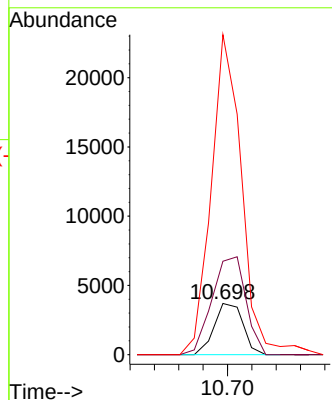
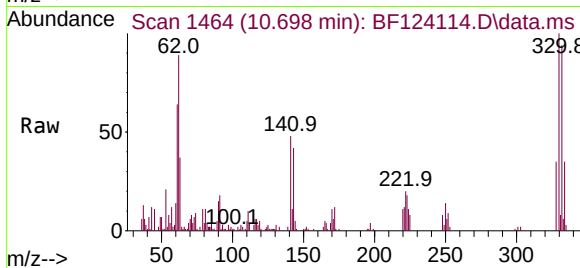




#67
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

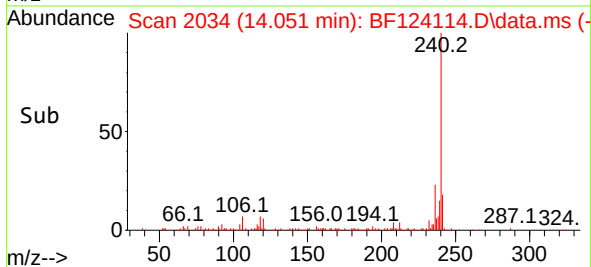
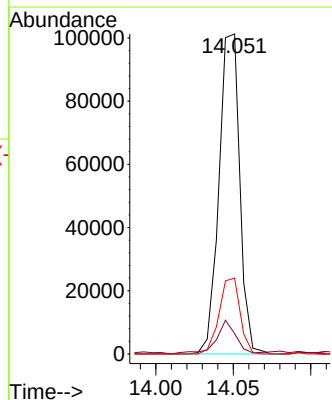
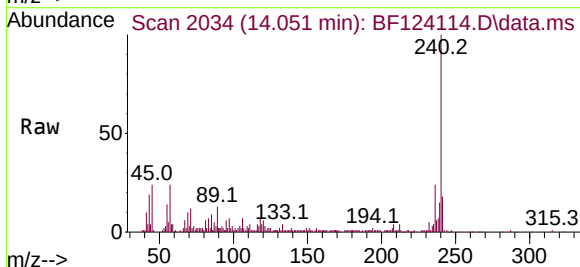
Instrument :
BNA_F
ClientSampled :
1917

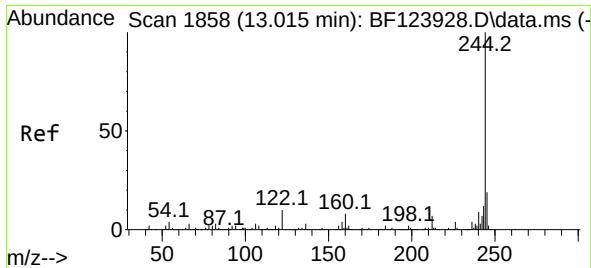
Tgt Ion:248 Resp: 3042
Ion Ratio Lower Upper
248 100
250 182.3 77.4 116.2#
141 624.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion:240 Resp: 94509
Ion Ratio Lower Upper
240 100
120 6.3 7.2 10.8#
236 23.7 19.0 28.4

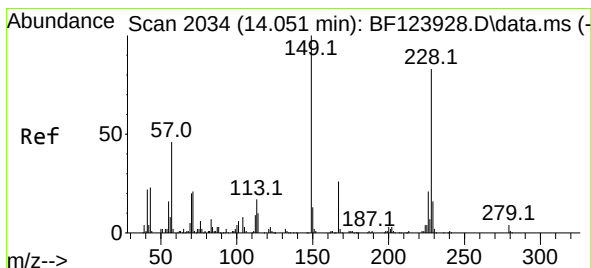
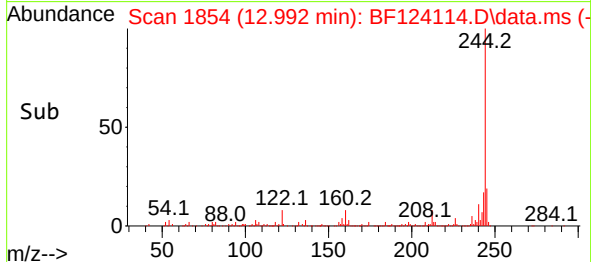
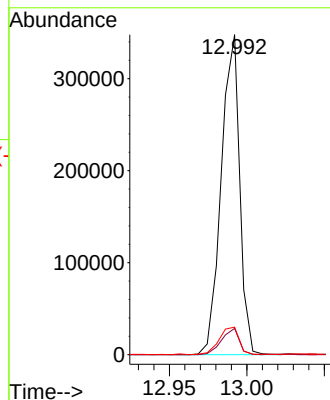
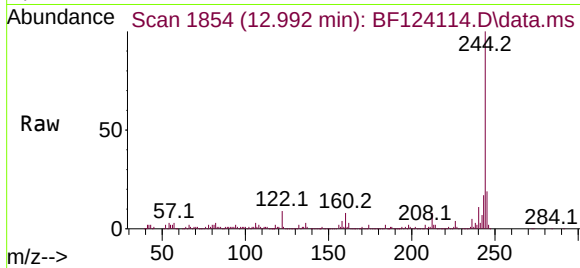




#79
 Terphenyl-d14
 Concen: 46.15 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF124114.D
 Acq: 28 May 2021 19:12

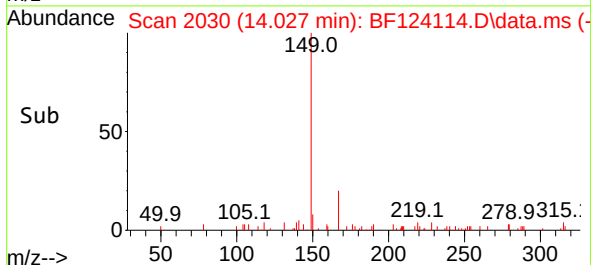
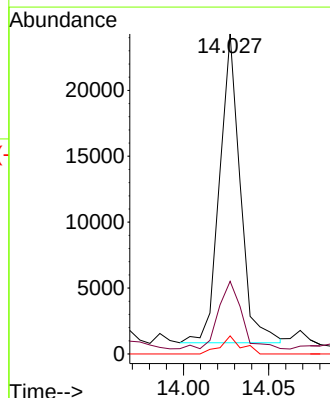
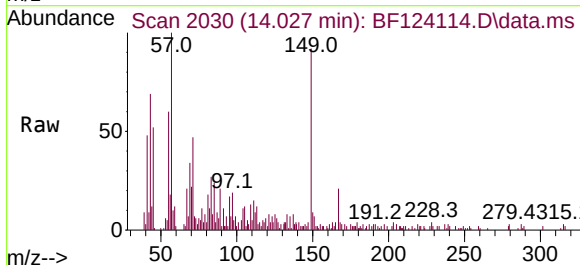
Instrument :
 BNA_F
 ClientSampleId :
 1917

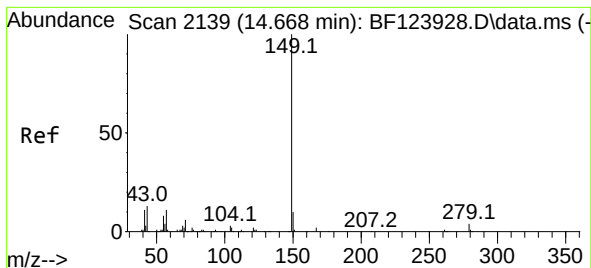
Tgt Ion:244 Resp: 287973
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 8.6 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.26 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.006 min
 Lab File: BF124114.D
 Acq: 28 May 2021 19:12

Tgt Ion:149 Resp: 19769
 Ion Ratio Lower Upper
 149 100
 167 22.7 21.8 32.6
 279 5.6 3.3 4.9#

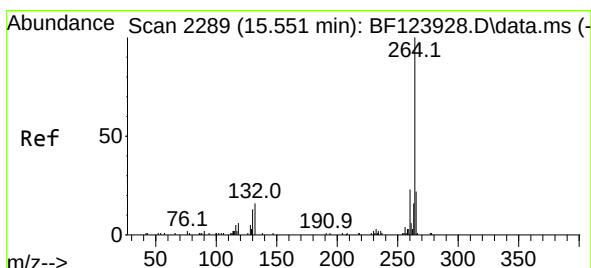
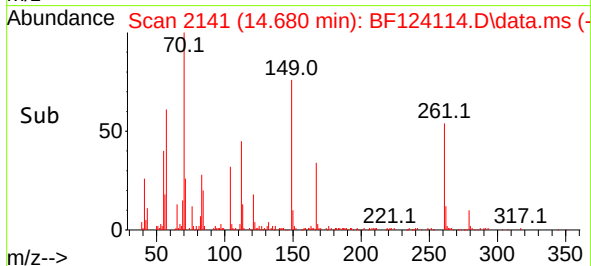
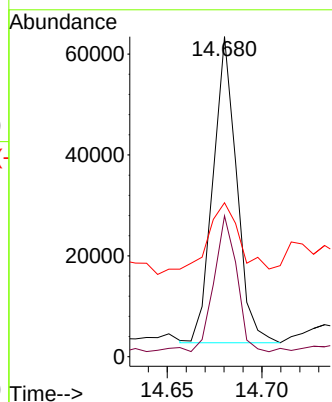
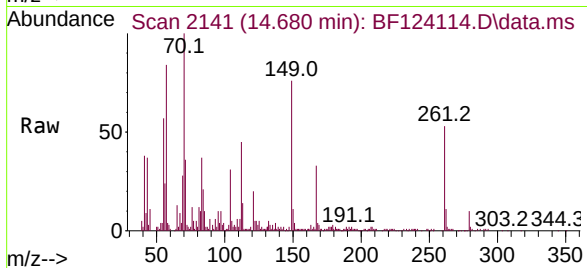




#85
Di-n-octyl phthalate
Concen: 7.50 ng
RT: 14.680 min Scan# 2141
Delta R.T. 0.041 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Instrument :
BNA_F
ClientSampled :
1917

Tgt Ion:149 Resp: 52665
Ion Ratio Lower Upper
149 100
167 43.9 1.2 1.8#
43 27.6 11.8 17.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.018 min
Lab File: BF124114.D
Acq: 28 May 2021 19:12

Tgt Ion:264 Resp: 98652
Ion Ratio Lower Upper
264 100
260 26.1 18.7 28.1
265 22.0 17.8 26.8

