

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124494.D
 Acq On : 30 Jun 2021 15:55
 Operator : JU/CG
 Sample : M2895-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Jun 30 16:27:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

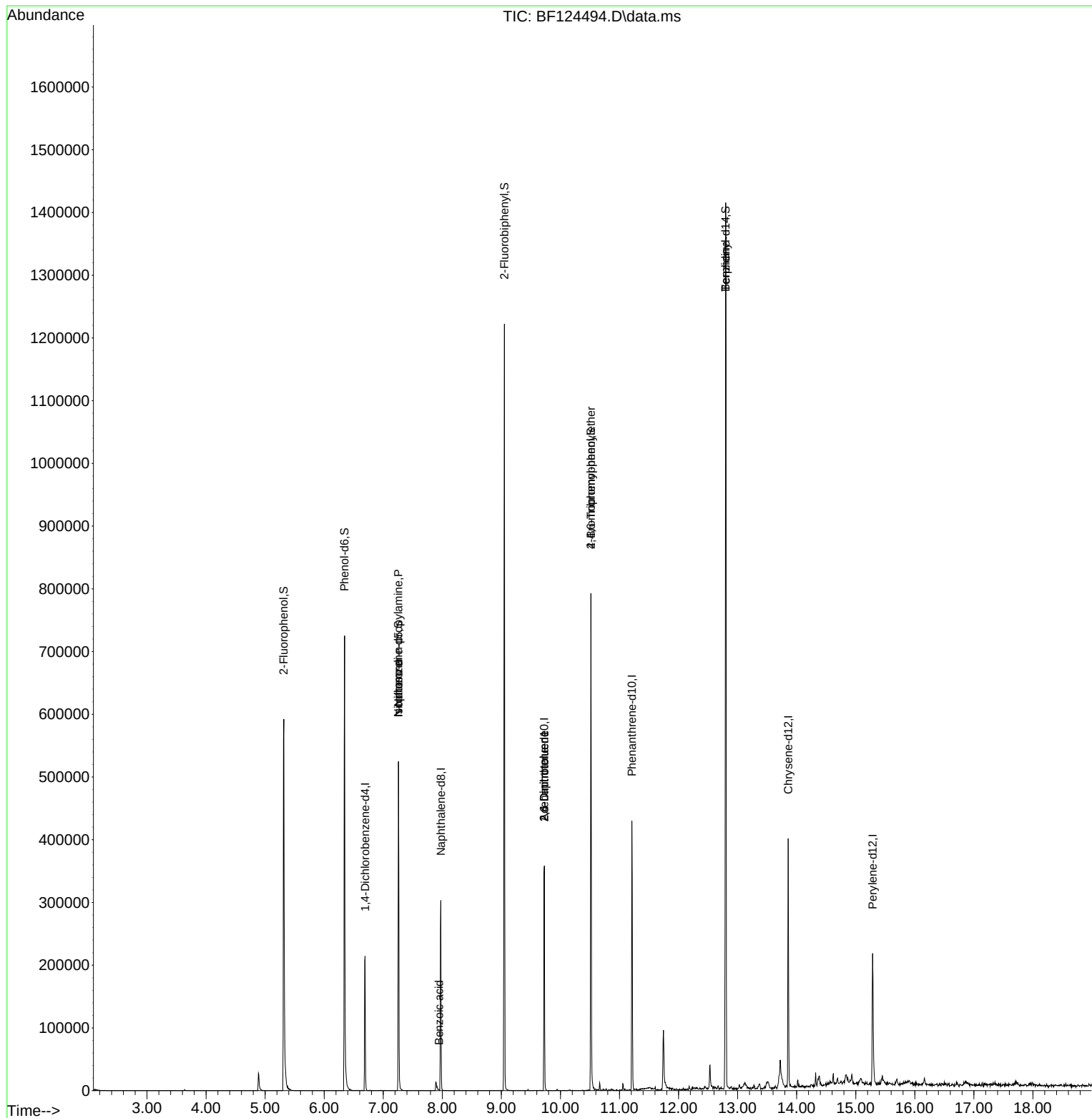
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	32340	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	126920	20.000	ng	# 0.00
39) Acenaphthene-d10	9.727	164	73803	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	150550	20.000	ng	0.00
76) Chrysene-d12	13.857	240	120549	20.000	ng	0.00
86) Perylene-d12	15.286	264	84032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	166901	81.164	ng	0.00
7) Phenol-d6	6.345	99	211011	78.590	ng	0.00
23) Nitrobenzene-d5	7.257	82	151578	49.518	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	78332	88.837	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	325439	54.017	ng	0.00
79) Terphenyl-d14	12.798	244	470887	58.507	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	20903	11.576	ng	# 65
25) Isophorone	7.257	82	151576	28.801	ng	# 69
32) Benzoic acid	7.945	122	129	7.283	ng	# 1
51) 2,6-Dinitrotoluene	9.727	165	9052	6.735	ng	# 10
57) 2,4-Dinitrotoluene	9.727	165	9052	5.081	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	5779	2.853	ng	# 1
77) Benzidine	12.798	184	7738	3.203	ng	# 90

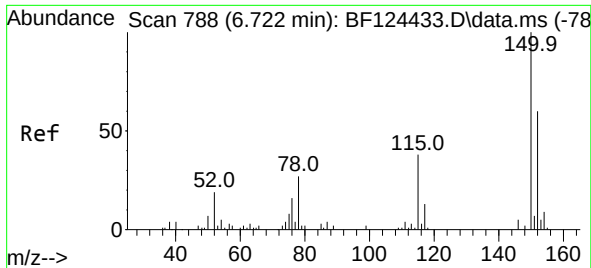
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
Data File : BF124494.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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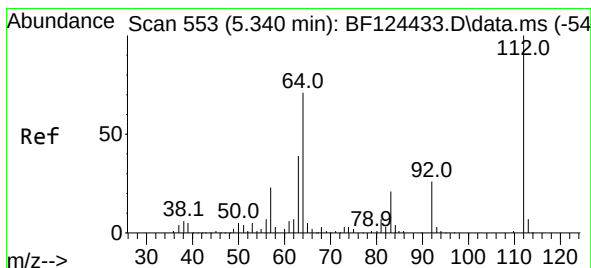
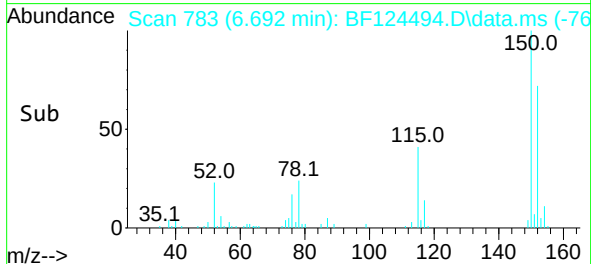
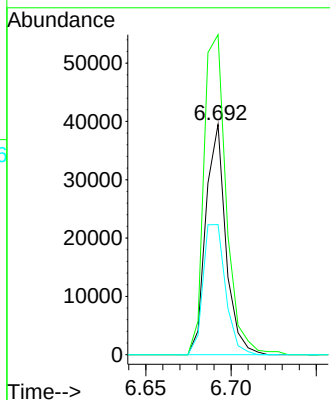
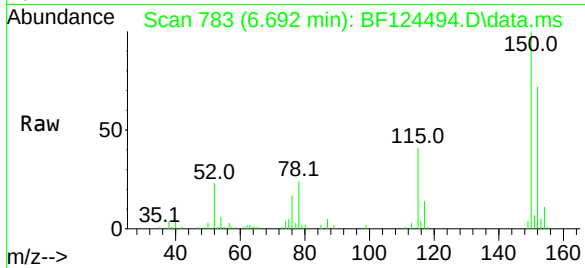




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BF124494.D
 Acq: 30 Jun 2021 15:55

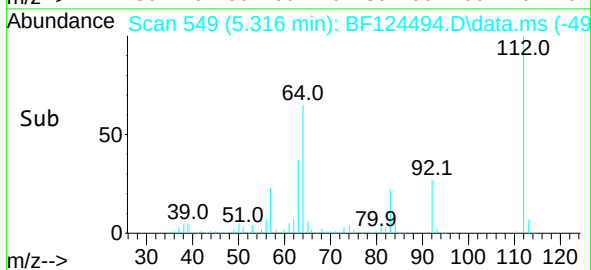
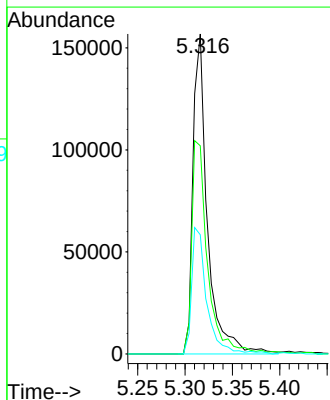
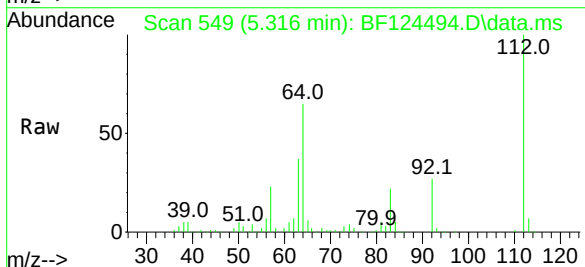
Instrument :
 BNA_F
 ClientSampled :
 COMP-1

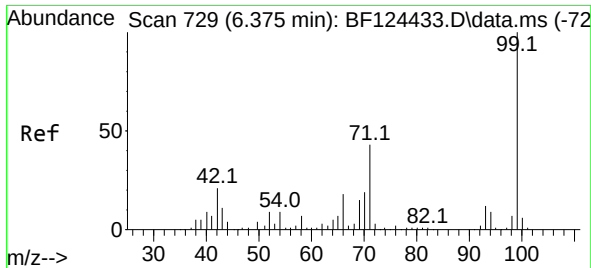
Tgt Ion:152 Resp: 32340
 Ion Ratio Lower Upper
 152 100
 150 139.0 127.0 190.6
 115 56.5 54.3 81.5



#5
 2-Fluorophenol
 Concen: 81.164 ng
 RT: 5.316 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF124494.D
 Acq: 30 Jun 2021 15:55

Tgt Ion:112 Resp: 166901
 Ion Ratio Lower Upper
 112 100
 64 65.0 61.4 92.0
 63 37.2 33.0 49.4

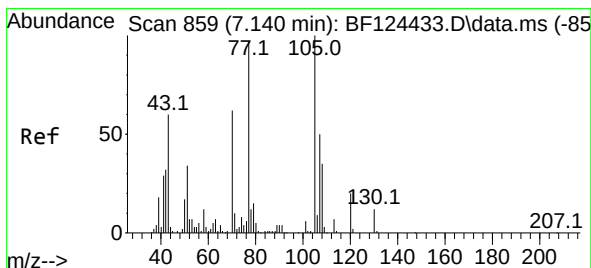
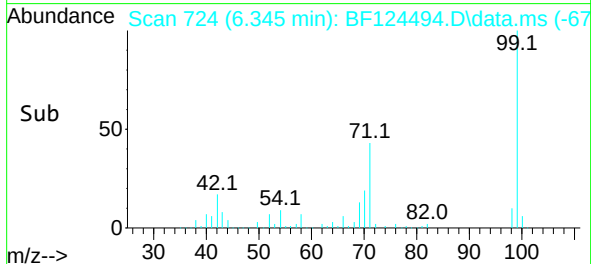
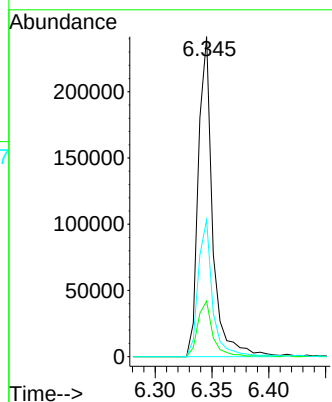
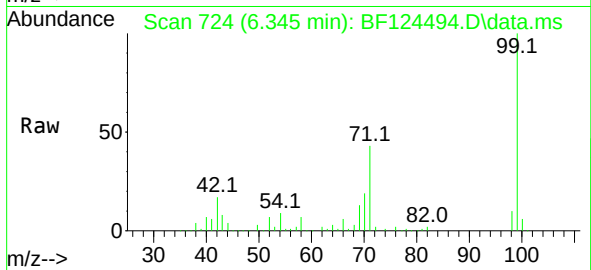




#7
Phenol-d6
Concen: 78.590 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

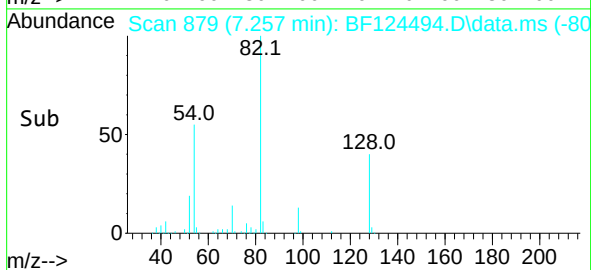
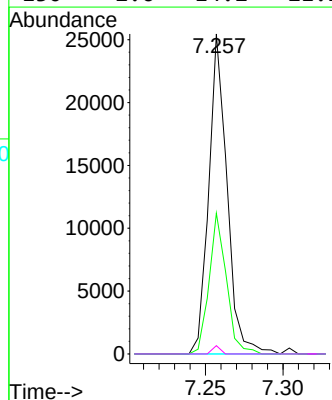
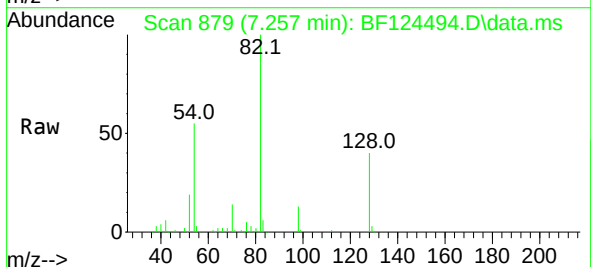
Instrument :
BNA_F
ClientSampled :
COMP-1

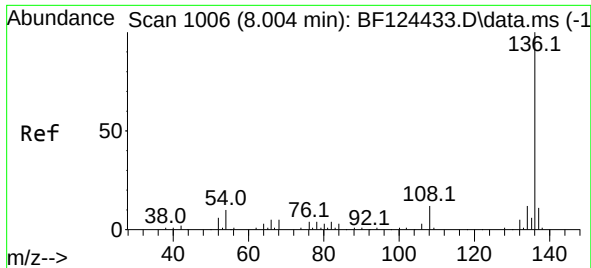
Tgt Ion: 99 Resp: 211011
Ion Ratio Lower Upper
99 100
42 17.4 19.8 29.8#
71 42.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.576 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion: 70 Resp: 20903
Ion Ratio Lower Upper
70 100
42 44.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.6 14.2 21.2#

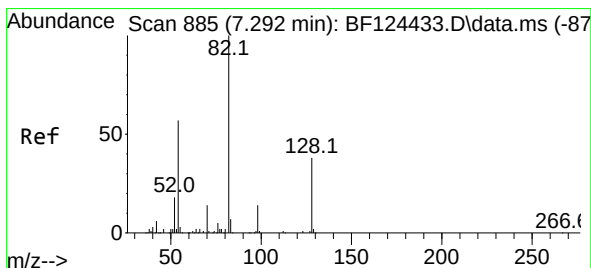
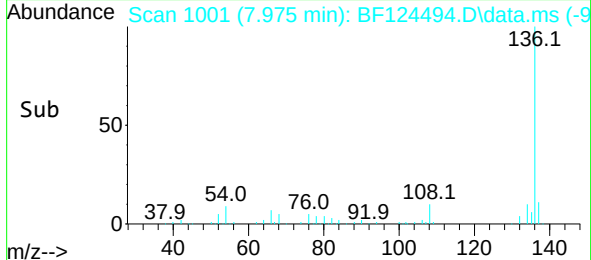
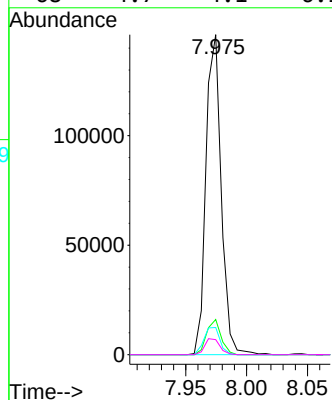
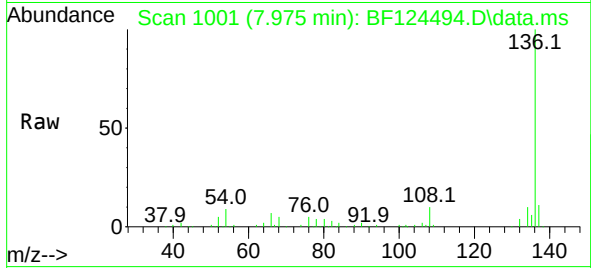




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

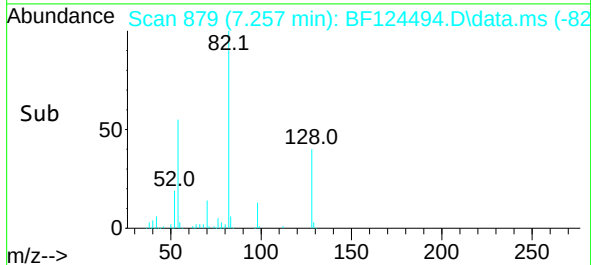
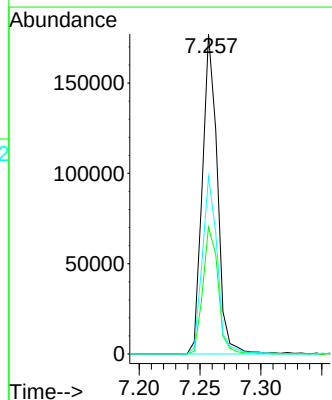
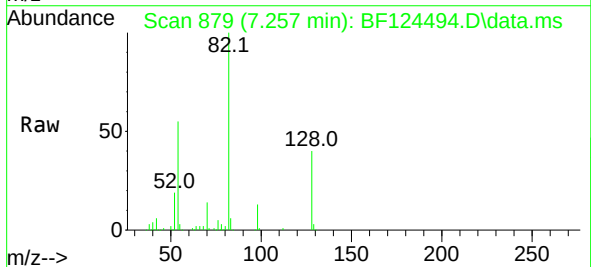
Instrument :
BNA_F
ClientSampled :
COMP-1

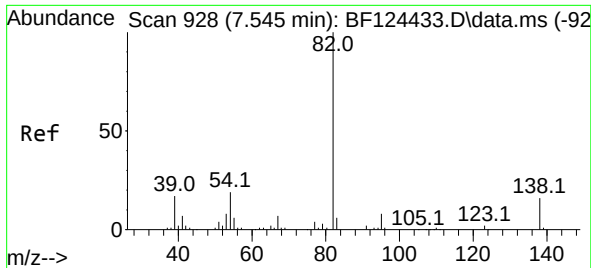
Tgt Ion:136	Resp: 126920
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 8.5	9.8 14.6#
68 4.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 49.518 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion: 82	Resp: 151578
Ion Ratio	Lower Upper
82 100	
128 39.7	29.4 44.2
54 55.5	54.1 81.1

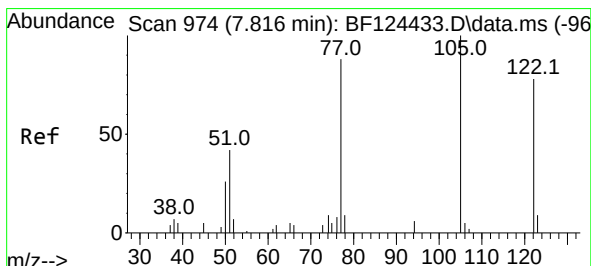
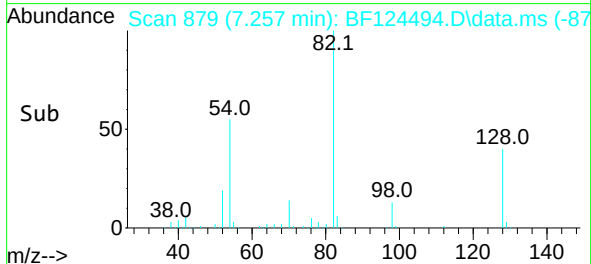
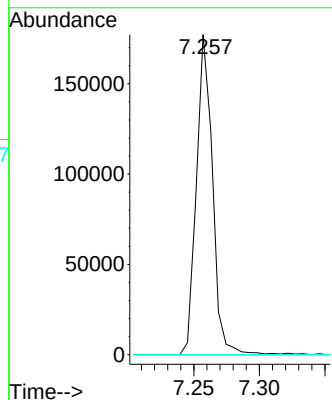
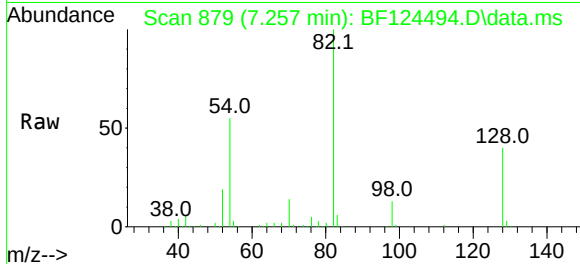




#25
Isophorone
Concen: 28.801 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

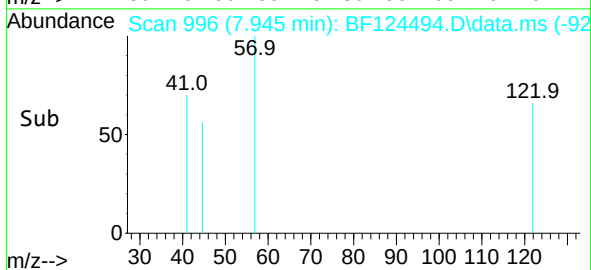
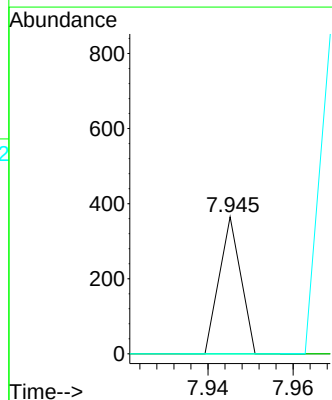
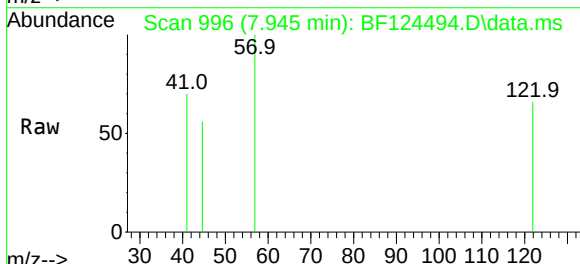
Instrument :
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ClientSampleId :
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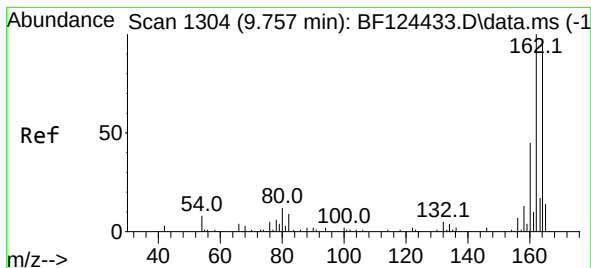
Tgt Ion: 82 Resp: 151576
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 7.283 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.147 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion: 122 Resp: 129
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

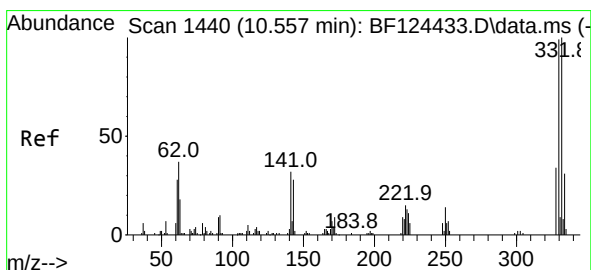
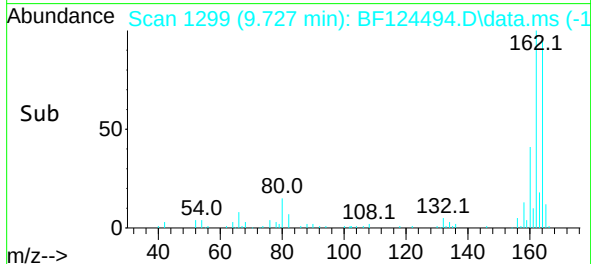
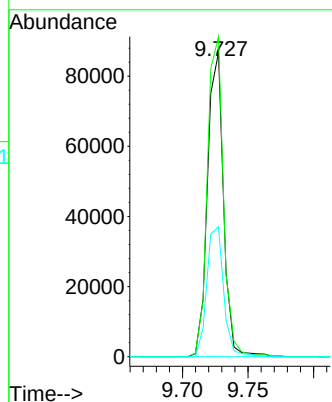
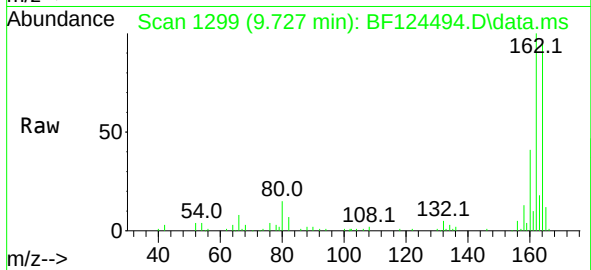




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

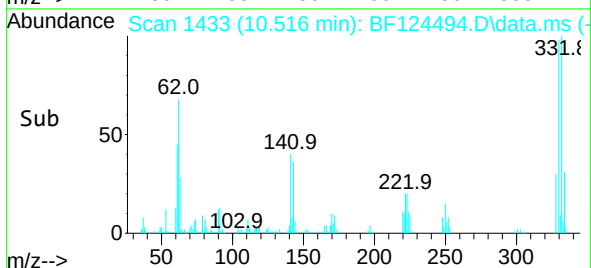
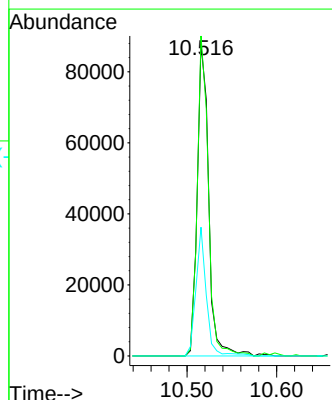
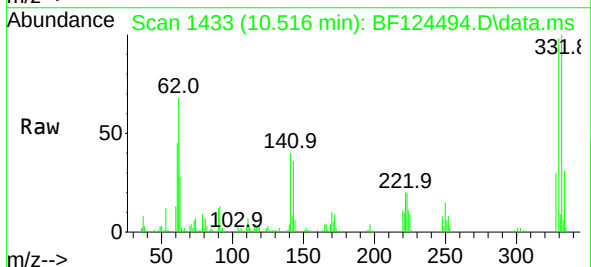
Instrument :
BNA_F
ClientSampled :
COMP-1

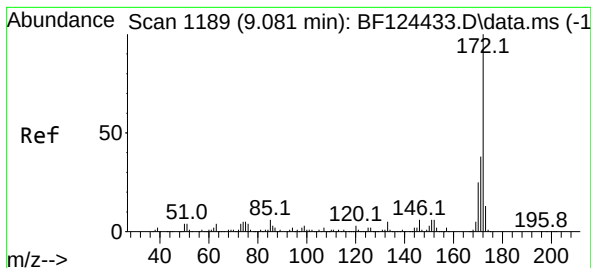
Tgt Ion:164 Resp: 73803
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 42.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 88.837 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion:330 Resp: 78332
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 37.2 27.9 41.9

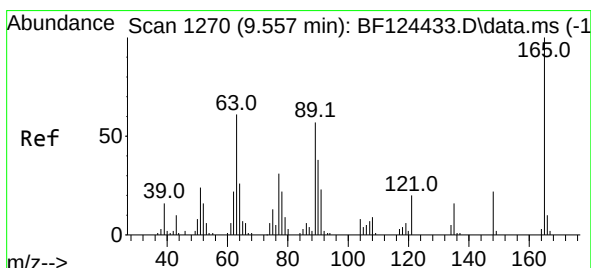
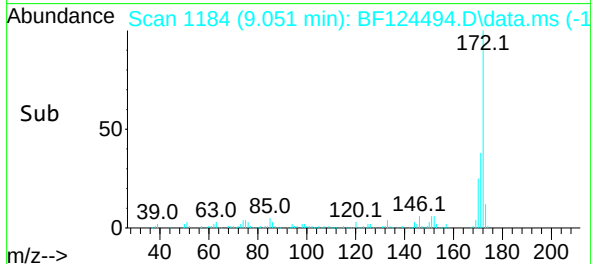
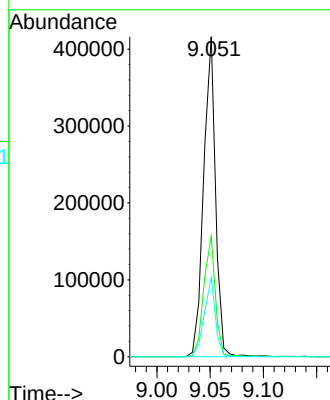
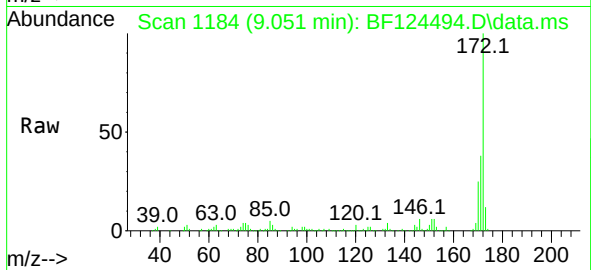




#45
2-Fluorobiphenyl
Concen: 54.017 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

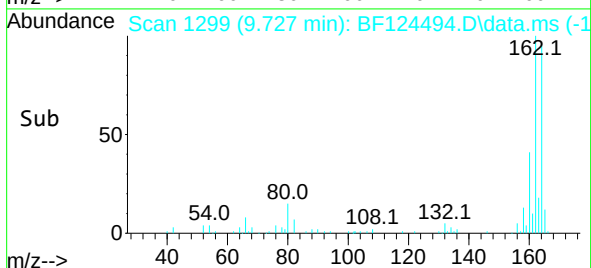
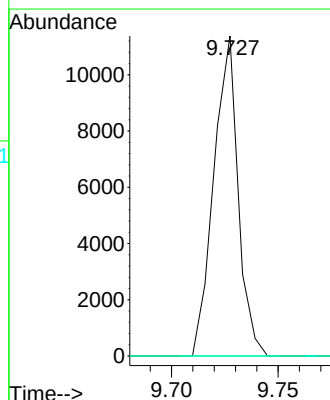
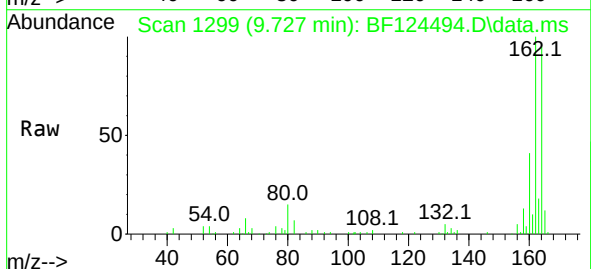
Instrument :
BNA_F
ClientSampled :
COMP-1

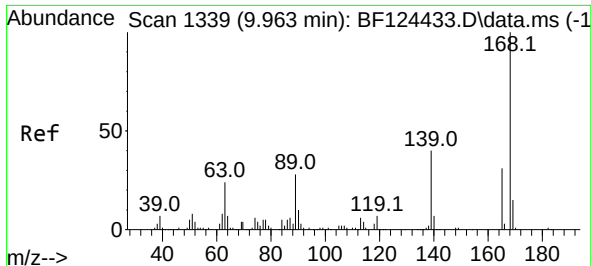
Tgt Ion:172 Resp: 325439
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 24.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 6.735 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion:165 Resp: 9052
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

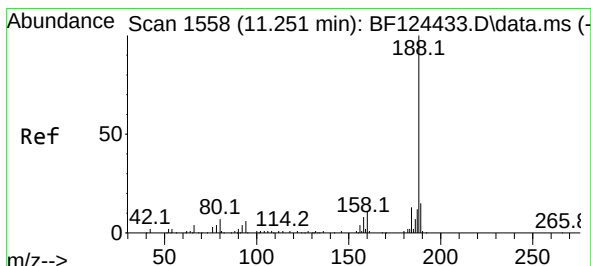
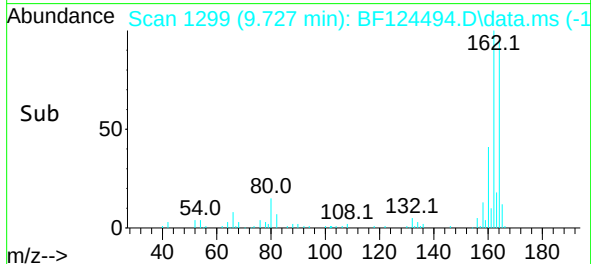
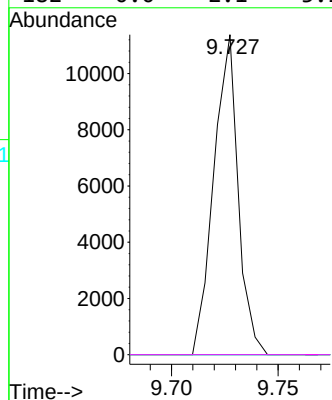
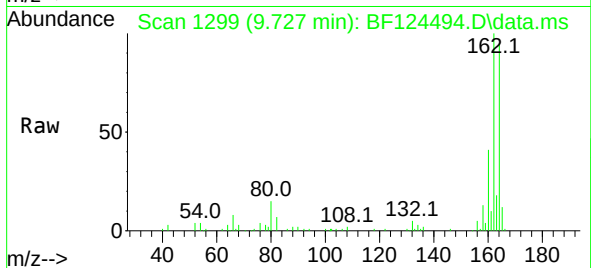




#57
2,4-Dinitrotoluene
Concen: 5.081 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

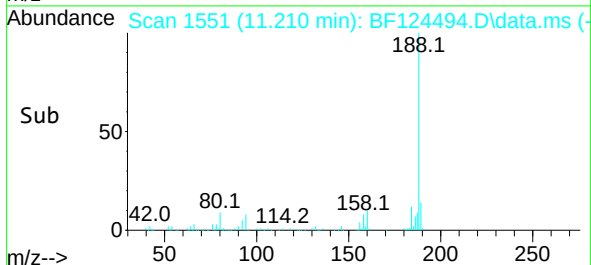
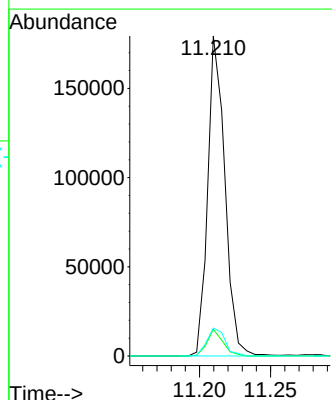
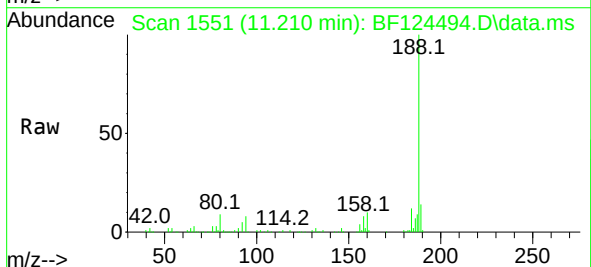
Instrument :
BNA_F
ClientSampled :
COMP-1

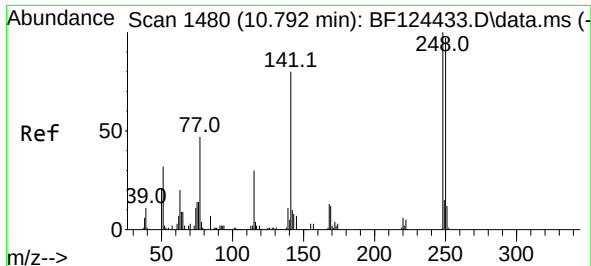
Tgt Ion:165 Resp: 9052
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion:188 Resp: 150550
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.7 8.2 12.2

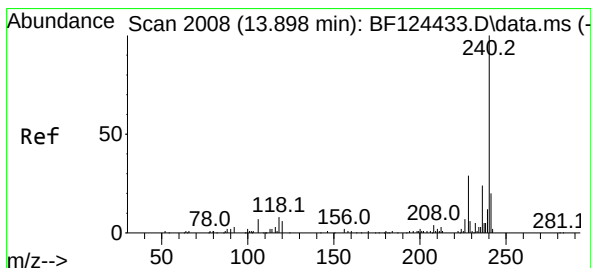
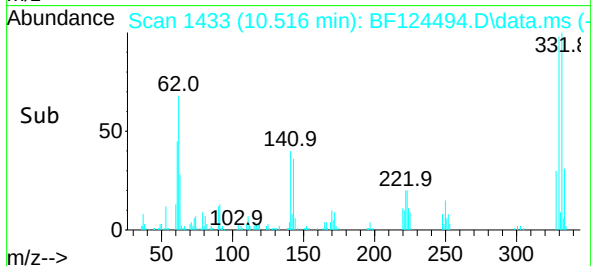
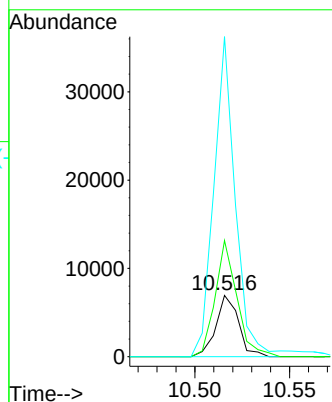
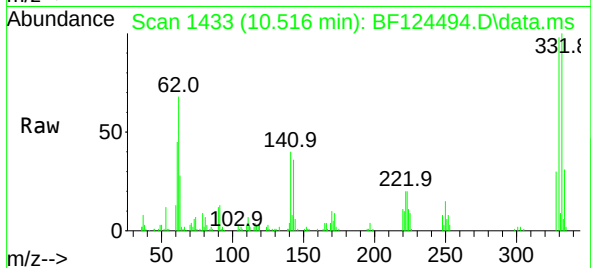




#67
4-Bromophenyl-phenylether
Concen: 2.853 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

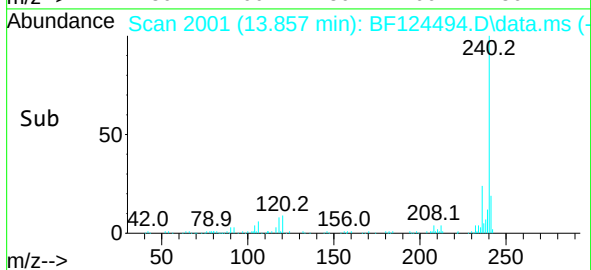
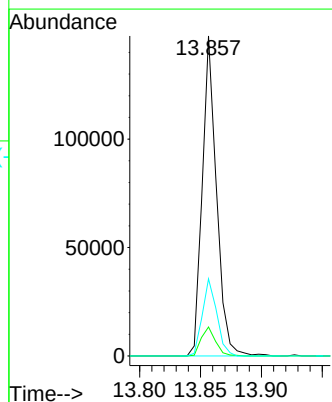
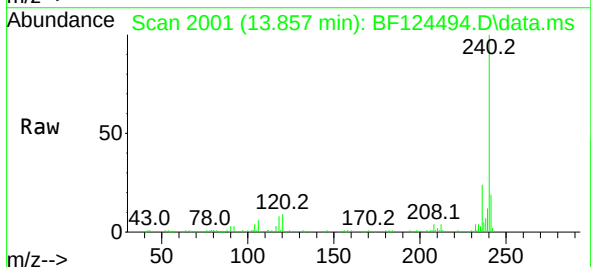
Instrument :
BNA_F
ClientSampled :
COMP-1

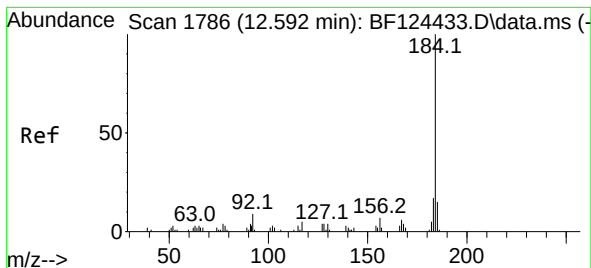
Tgt Ion:248 Resp: 5779
Ion Ratio Lower Upper
248 100
250 189.6 77.4 116.2#
141 521.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF124494.D
Acq: 30 Jun 2021 15:55

Tgt Ion:240 Resp: 120549
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 24.1 19.0 28.4





#77

Benzidine

Concen: 3.203 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.247 min

Lab File: BF124494.D

Acq: 30 Jun 2021 15:55

Instrument :

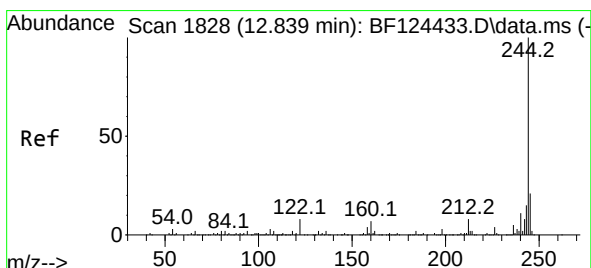
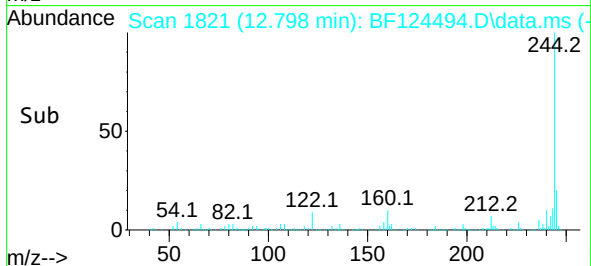
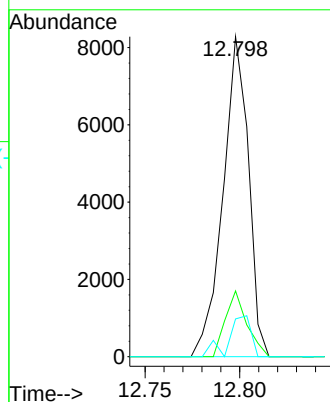
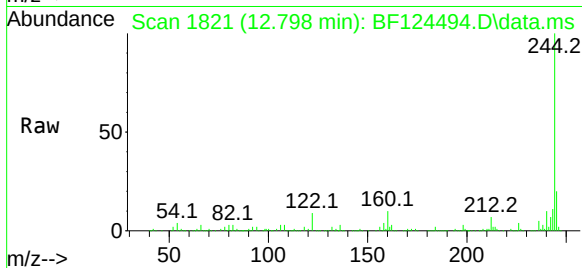
BNA_F

ClientSampleId :

COMP-1

Tgt Ion:184 Resp: 7738

Ion	Ratio	Lower	Upper
184	100		
185	20.5	12.1	18.1#
183	11.8	7.8	11.8#



#79

Terphenyl-d14

Concen: 58.507 ng

RT: 12.798 min Scan# 1821

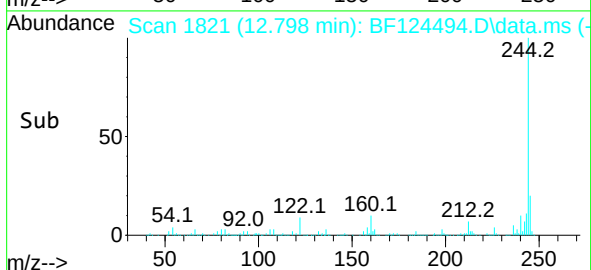
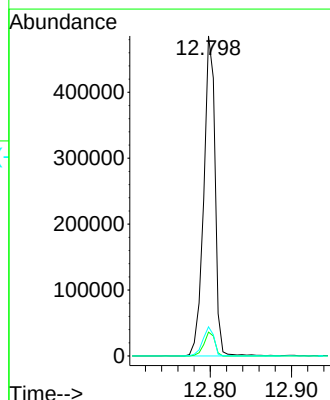
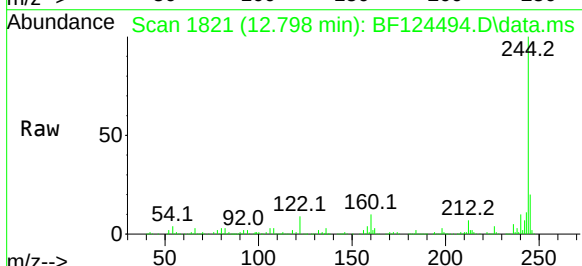
Delta R.T. -0.000 min

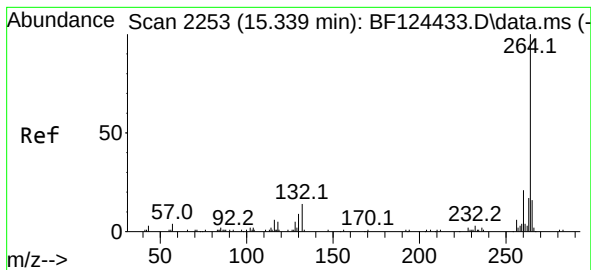
Lab File: BF124494.D

Acq: 30 Jun 2021 15:55

Tgt Ion:244 Resp: 470887

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	9.1	9.7	14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF124494.D
 Acq: 30 Jun 2021 15:55

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 84032
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.7 28.1
 265 25.7 17.8 26.8

