

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124495.D
 Acq On : 30 Jun 2021 16:30
 Operator : JU/CG
 Sample : M2895-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jun 30 17:27:53 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)

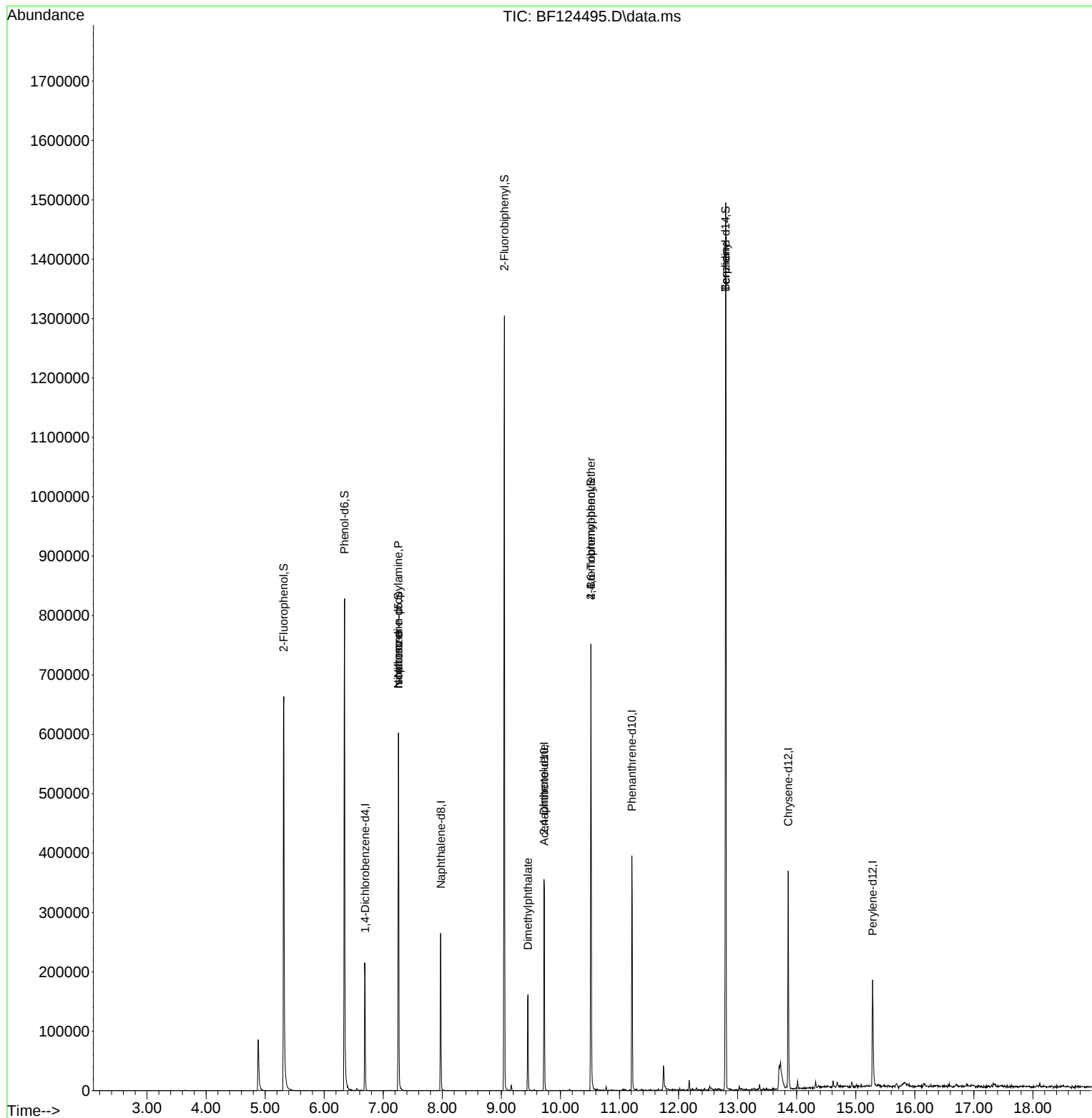
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	30672	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	114236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	71315	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	142051	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	114966	20.000	ng	# 0.00
86) Perylene-d12	15.286	264	74932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	188942	96.879	ng	0.00
7) Phenol-d6	6.345	99	238776	93.767	ng	0.00
23) Nitrobenzene-d5	7.257	82	182125	66.103	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	82591	96.935	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	364187	62.557	ng	0.00
79) Terphenyl-d14	12.798	244	484727	63.151	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	28090	16.403	ng	# 57
25) Isophorone	7.257	82	182149	38.453	ng	# 69
50) Dimethylphthalate	9.451	163	63705	11.330	ng	99
57) 2,4-Dinitrotoluene	9.722	165	9900	5.751	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	5721	2.994	ng	# 1
77) Benzidine	12.798	184	7893	3.426	ng	# 86

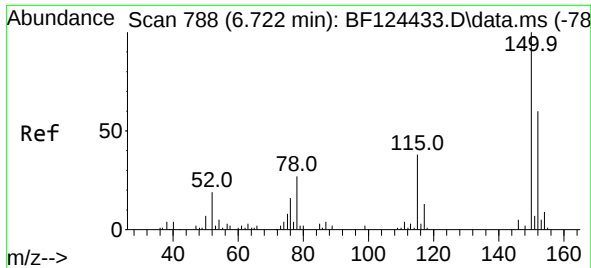
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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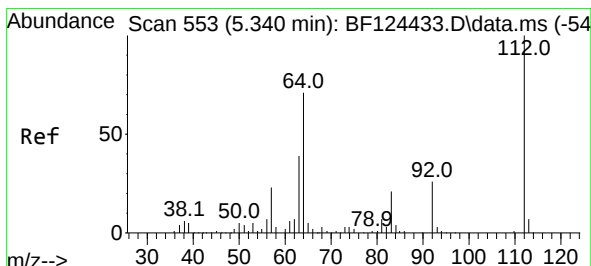
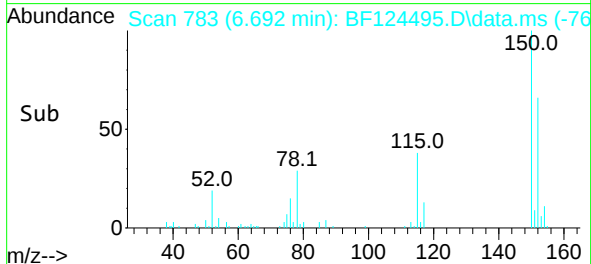
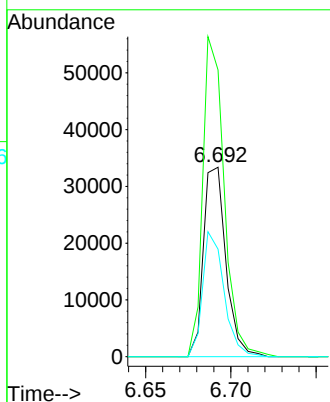
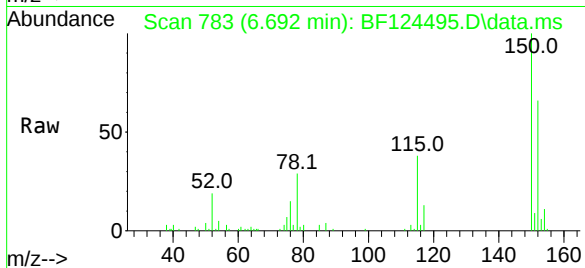




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

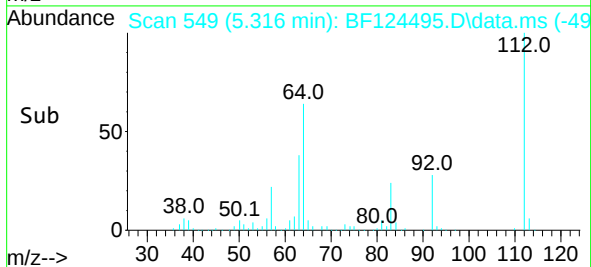
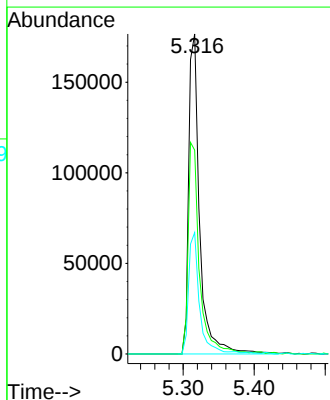
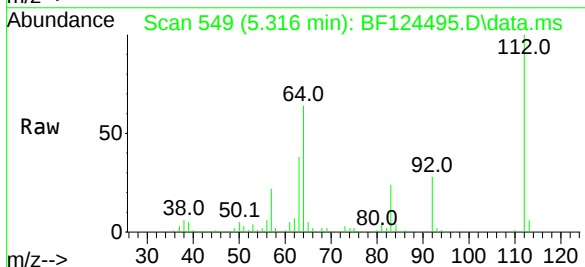
Instrument :
BNA_F
ClientSampleId :
COMP-2

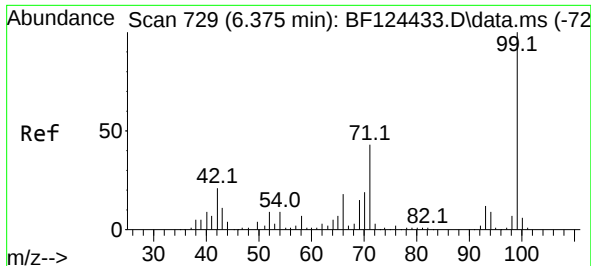
Tgt Ion:152 Resp: 30672
Ion Ratio Lower Upper
152 100
150 151.3 127.0 190.6
115 56.8 54.3 81.5



#5
2-Fluorophenol
Concen: 96.879 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion:112 Resp: 188942
Ion Ratio Lower Upper
112 100
64 63.7 61.4 92.0
63 38.0 33.0 49.4

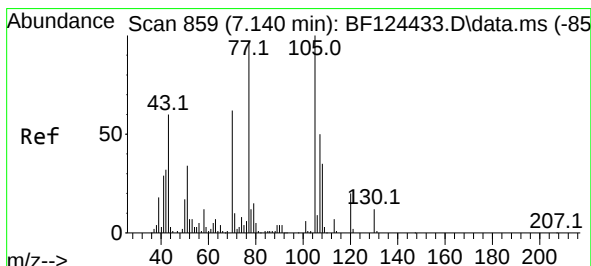
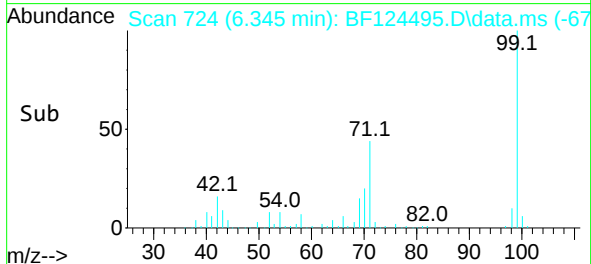
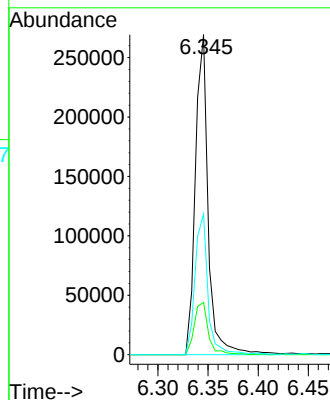
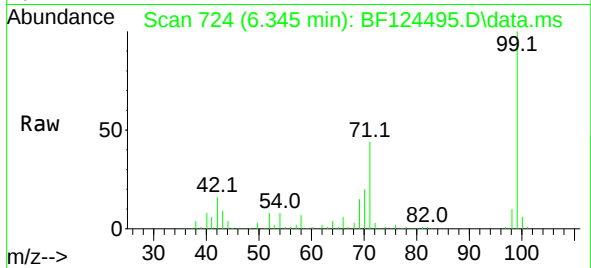




#7
Phenol-d6
Concen: 93.767 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

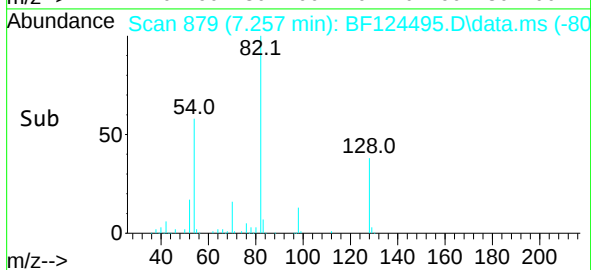
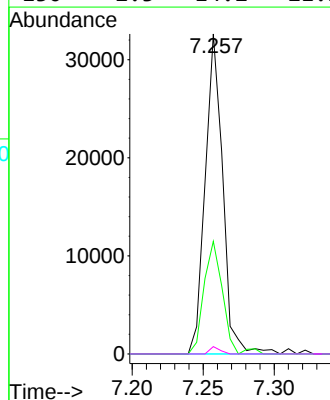
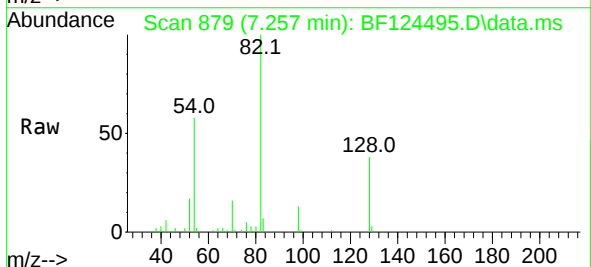
Instrument :
BNA_F
ClientSampleId :
COMP-2

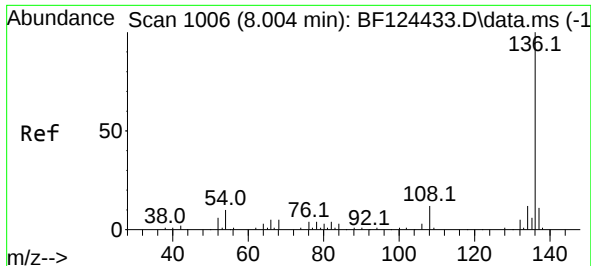
Tgt Ion: 99 Resp: 238776
Ion Ratio Lower Upper
99 100
42 16.4 19.8 29.8#
71 43.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.403 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

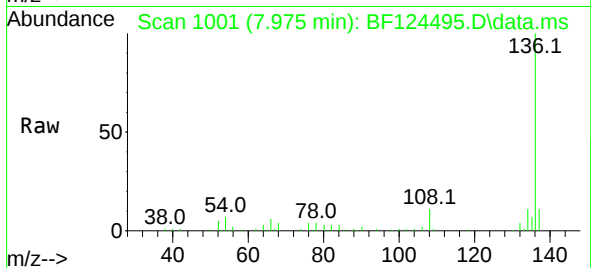
Tgt Ion: 70 Resp: 28090
Ion Ratio Lower Upper
70 100
42 35.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#



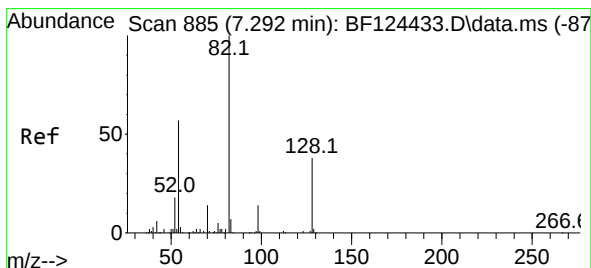
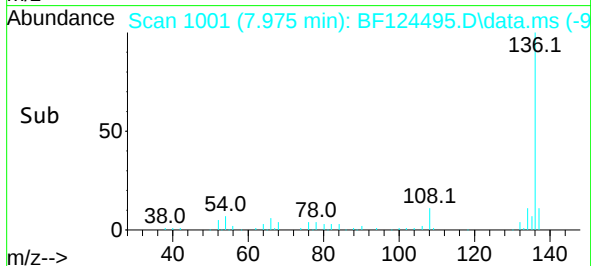
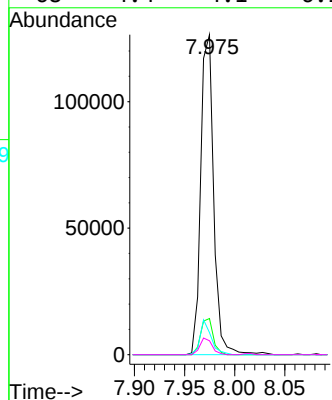


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Instrument :
BNA_F
ClientSampleId :
COMP-2

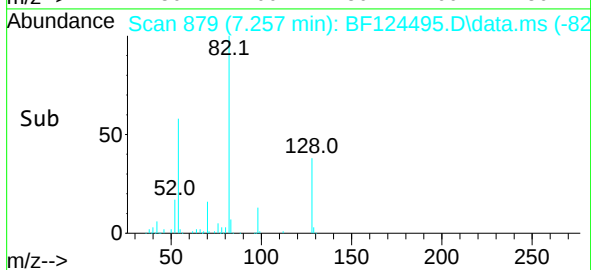
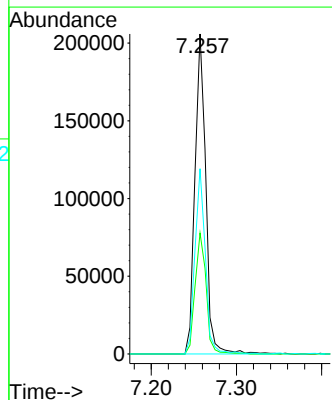
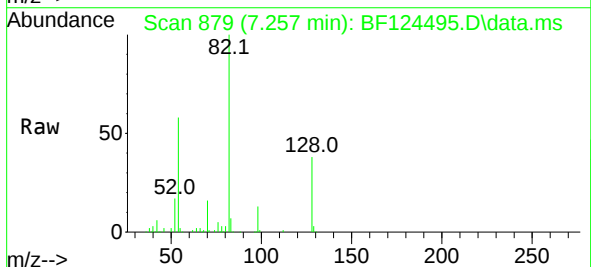


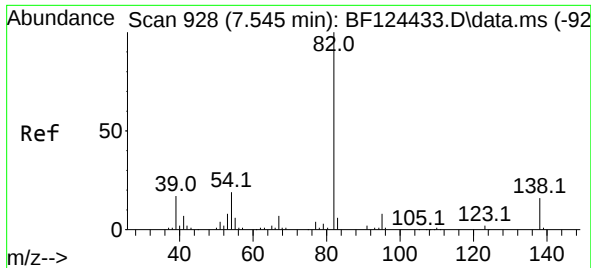
Tgt Ion:136 Resp: 114236
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.9 9.8 14.6#
68 4.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 66.103 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion: 82 Resp: 182125
Ion Ratio Lower Upper
82 100
128 37.8 29.4 44.2
54 57.9 54.1 81.1

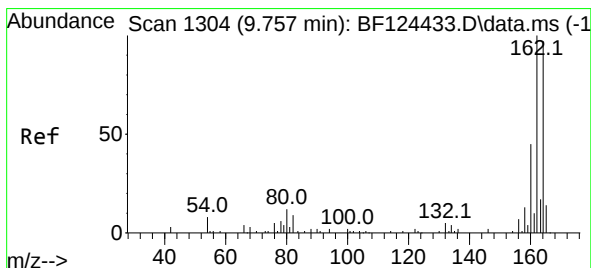
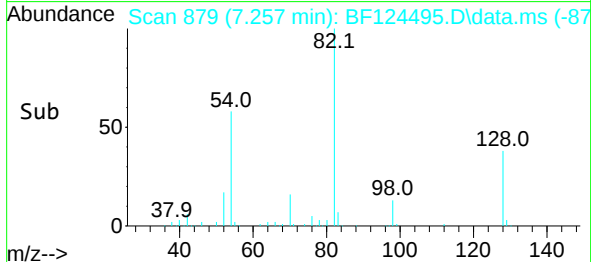
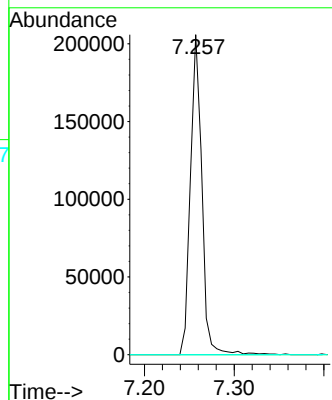
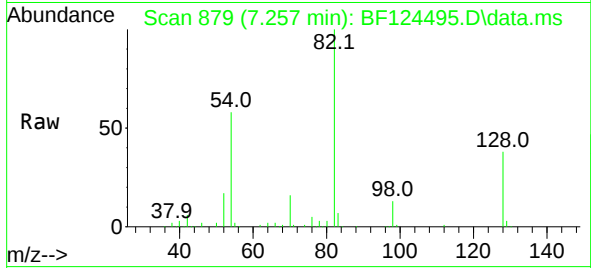




#25
Isophorone
Concen: 38.453 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

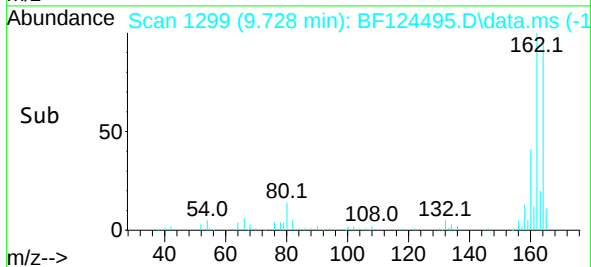
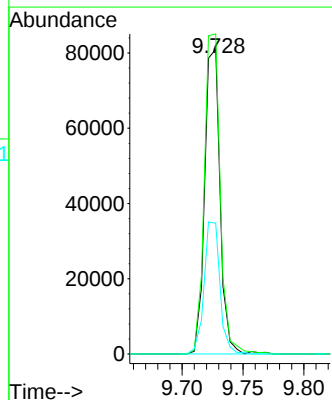
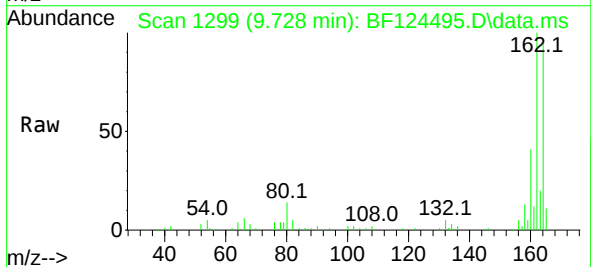
Instrument :
BNA_F
ClientSampleId :
COMP-2

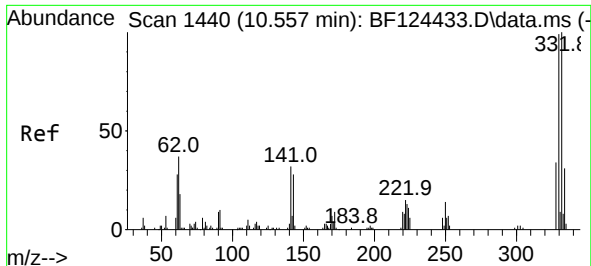
Tgt Ion: 82 Resp: 182149
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion: 164 Resp: 71315
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 42.9 37.3 55.9

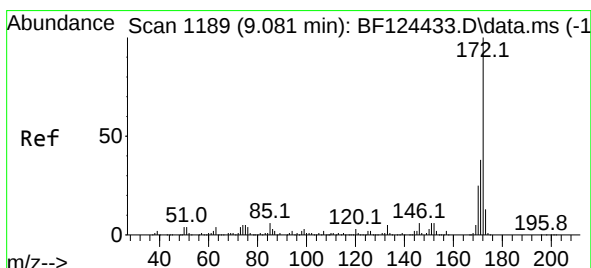
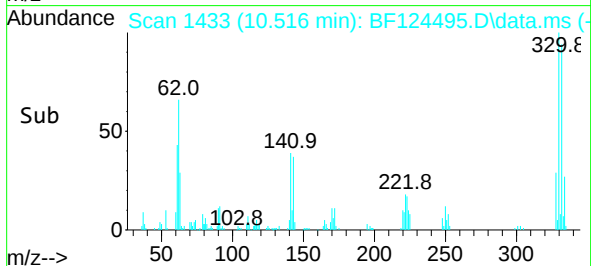
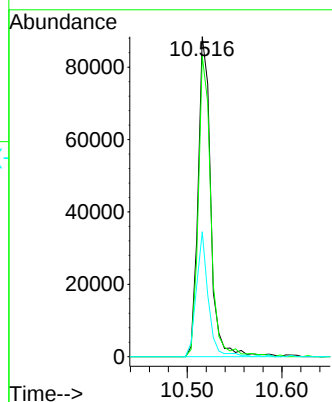
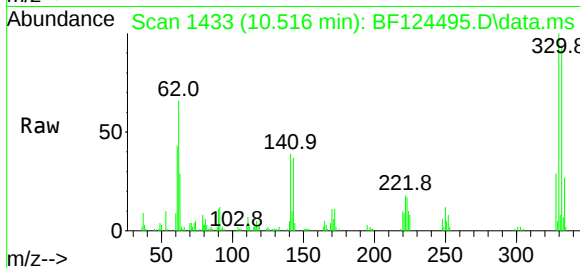




#42
2,4,6-Tribromophenol
Concen: 96.935 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

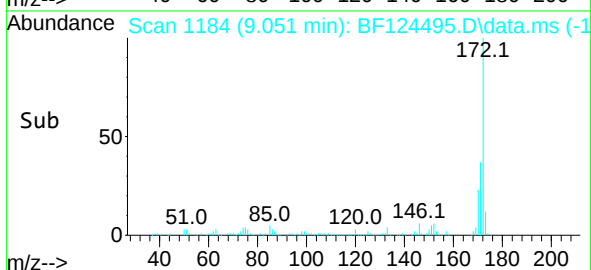
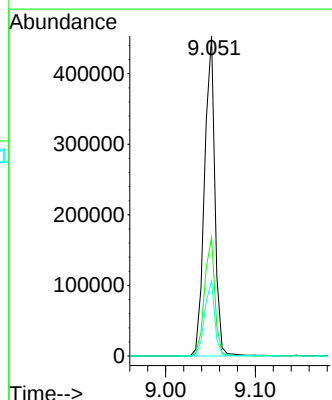
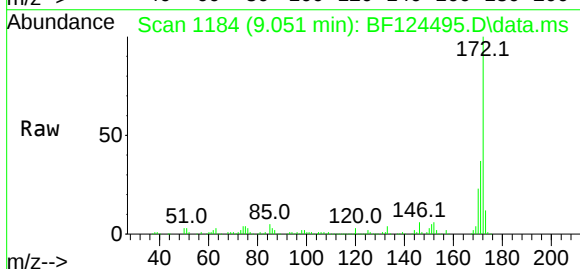
Instrument :
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COMP-2

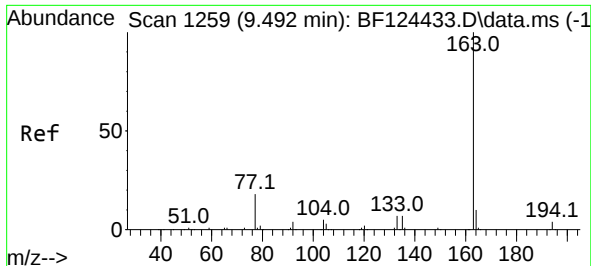
Tgt Ion: 330 Resp: 82591
Ion Ratio Lower Upper
330 100
332 93.2 77.1 115.7
141 36.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.557 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion: 172 Resp: 364187
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.5 19.2 28.8

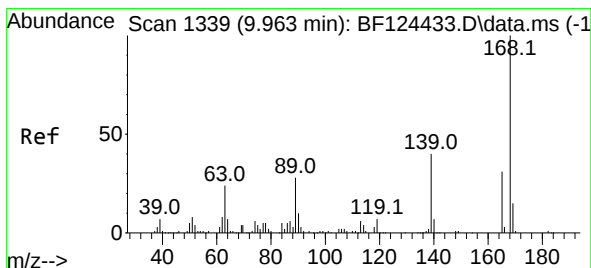
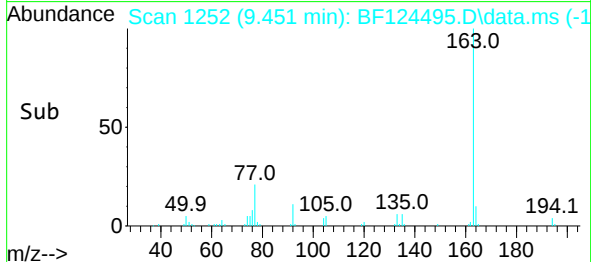
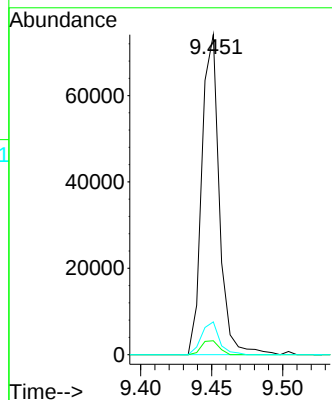
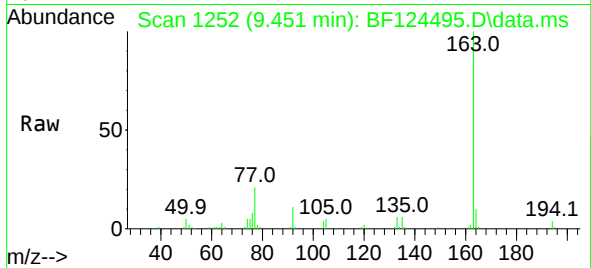




#50
Dimethylphthalate
Concen: 11.330 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

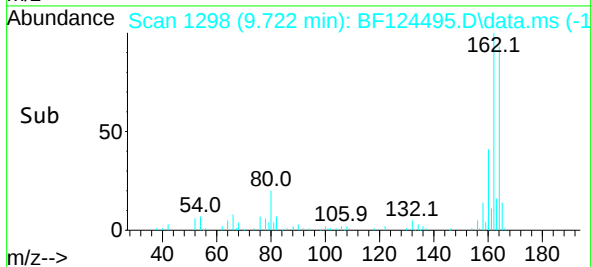
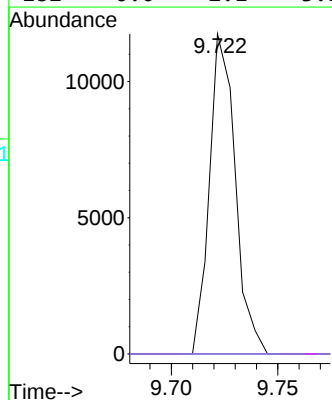
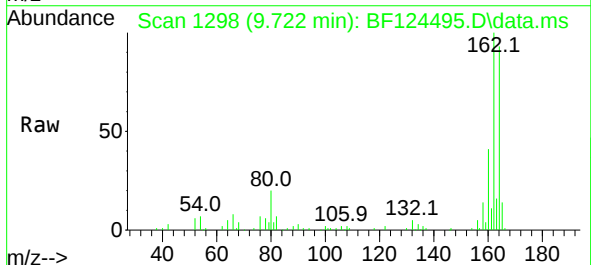
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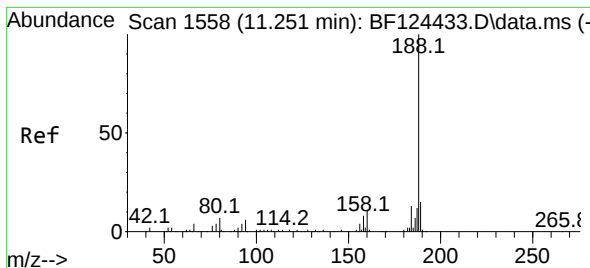
Tgt Ion:163 Resp: 63705
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.3 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.751 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion:165 Resp: 9900
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#

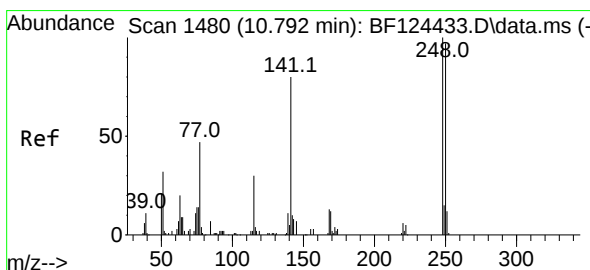
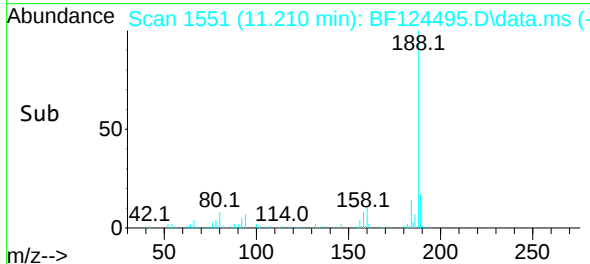
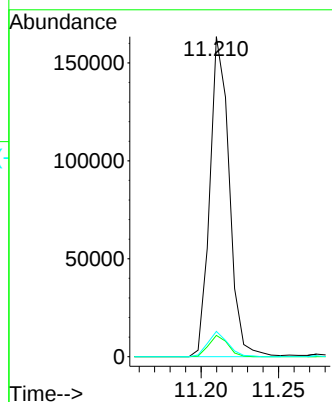
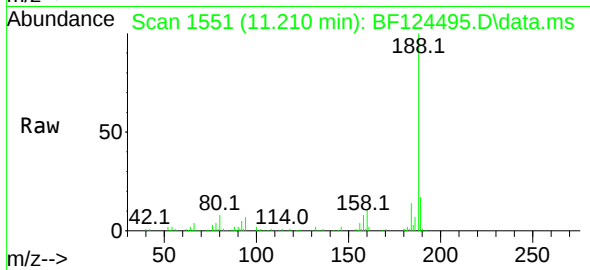




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

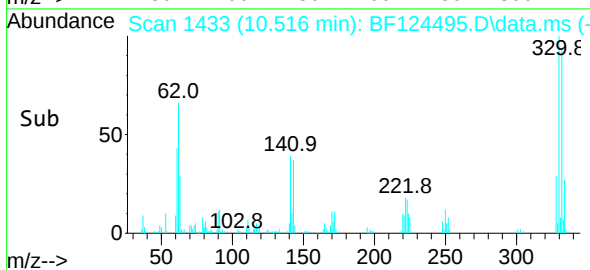
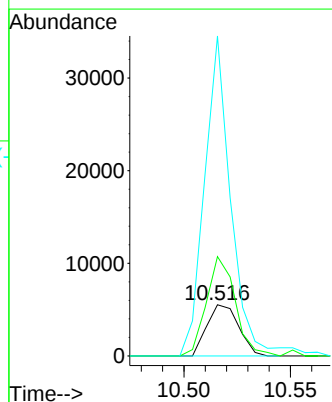
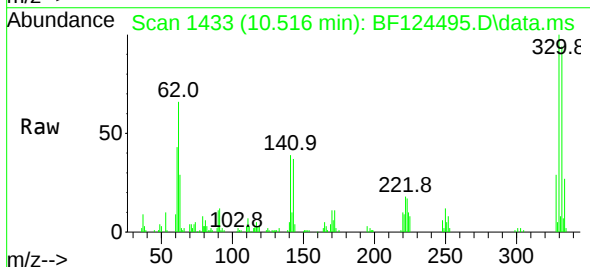
Instrument :
BNA_F
ClientSampleId :
COMP-2

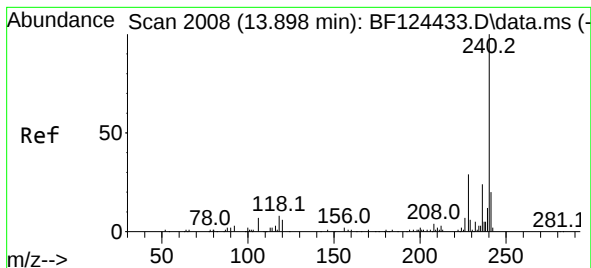
Tgt Ion:188 Resp: 142051
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.9 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 2.994 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion:248 Resp: 5721
Ion Ratio Lower Upper
248 100
250 194.1 77.4 116.2#
141 624.9 63.7 95.5#

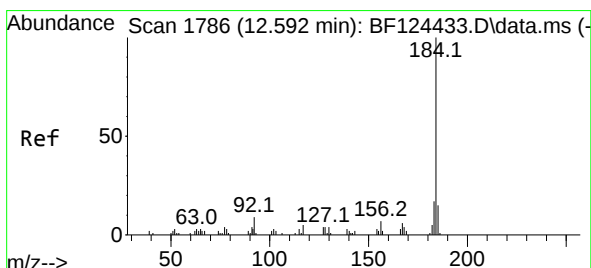
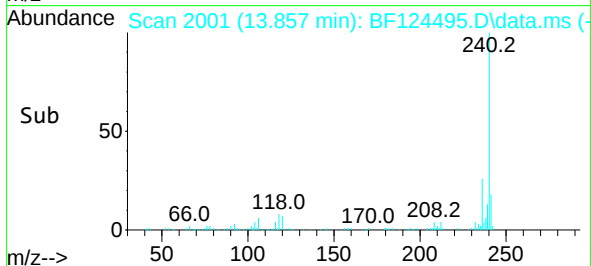
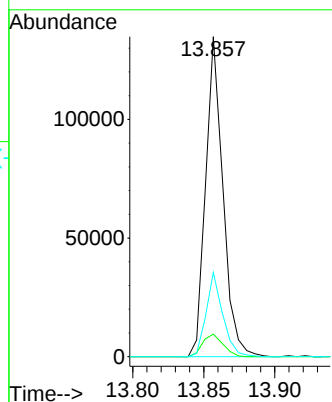
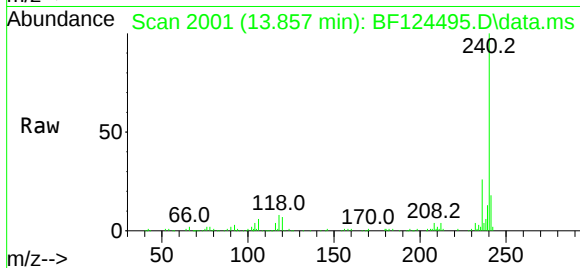




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

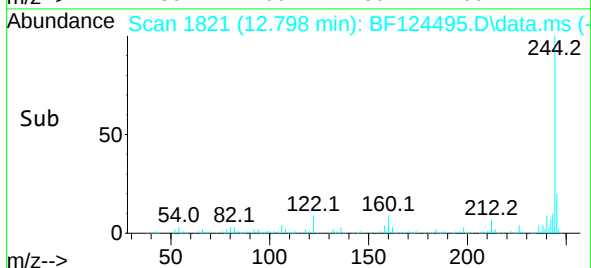
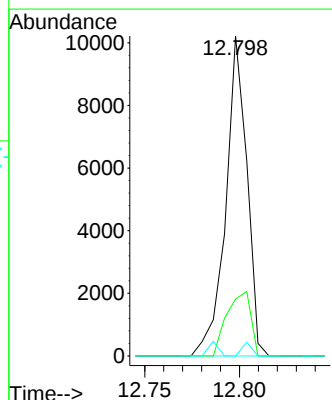
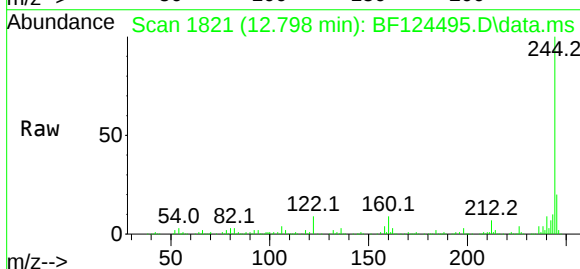
Instrument :
BNA_F
ClientSampleId :
COMP-2

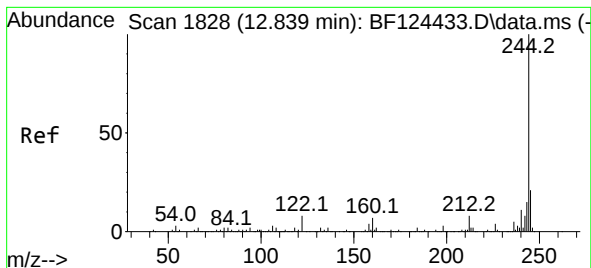
Tgt Ion:240 Resp: 114966
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 26.4 19.0 28.4



#77
Benzidine
Concen: 3.426 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF124495.D
Acq: 30 Jun 2021 16:30

Tgt Ion:184 Resp: 7893
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 0.0 7.8 11.8#





#79

Terphenyl-d14

Concen: 63.151 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF124495.D

Acq: 30 Jun 2021 16:30

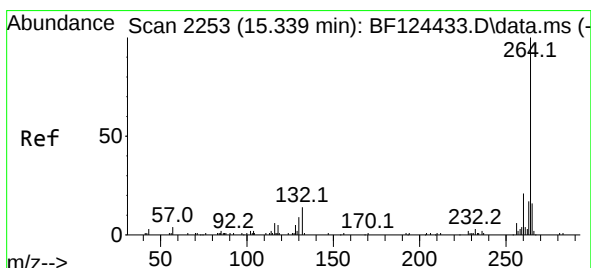
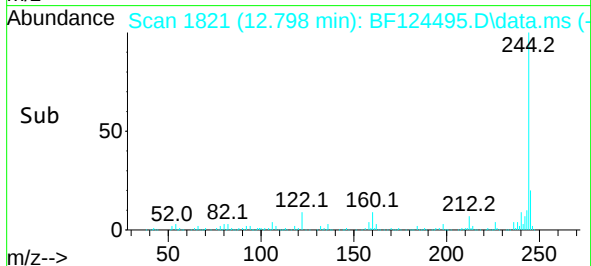
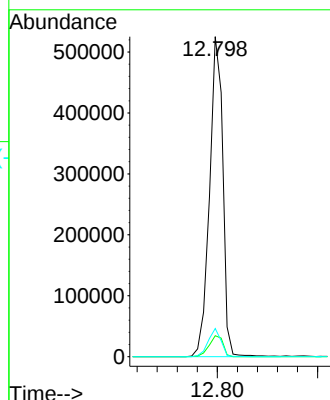
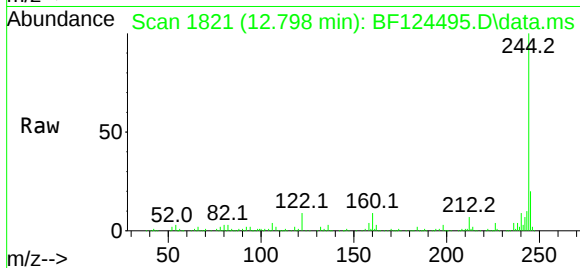
Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion:244	Resp:	484727
Ion Ratio	Lower	Upper
244	100	
212	6.5	5.7 8.5
122	8.8	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: BF124495.D

Acq: 30 Jun 2021 16:30

Tgt Ion:264	Resp:	74932
Ion Ratio	Lower	Upper
264	100	
260	23.2	18.7 28.1
265	19.8	17.8 26.8

