

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124821.D
 Acq On : 28 Jul 2021 11:27
 Operator : JU/CG
 Sample : M3184-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210530-COM-3

Quant Time: Jul 28 11:51:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

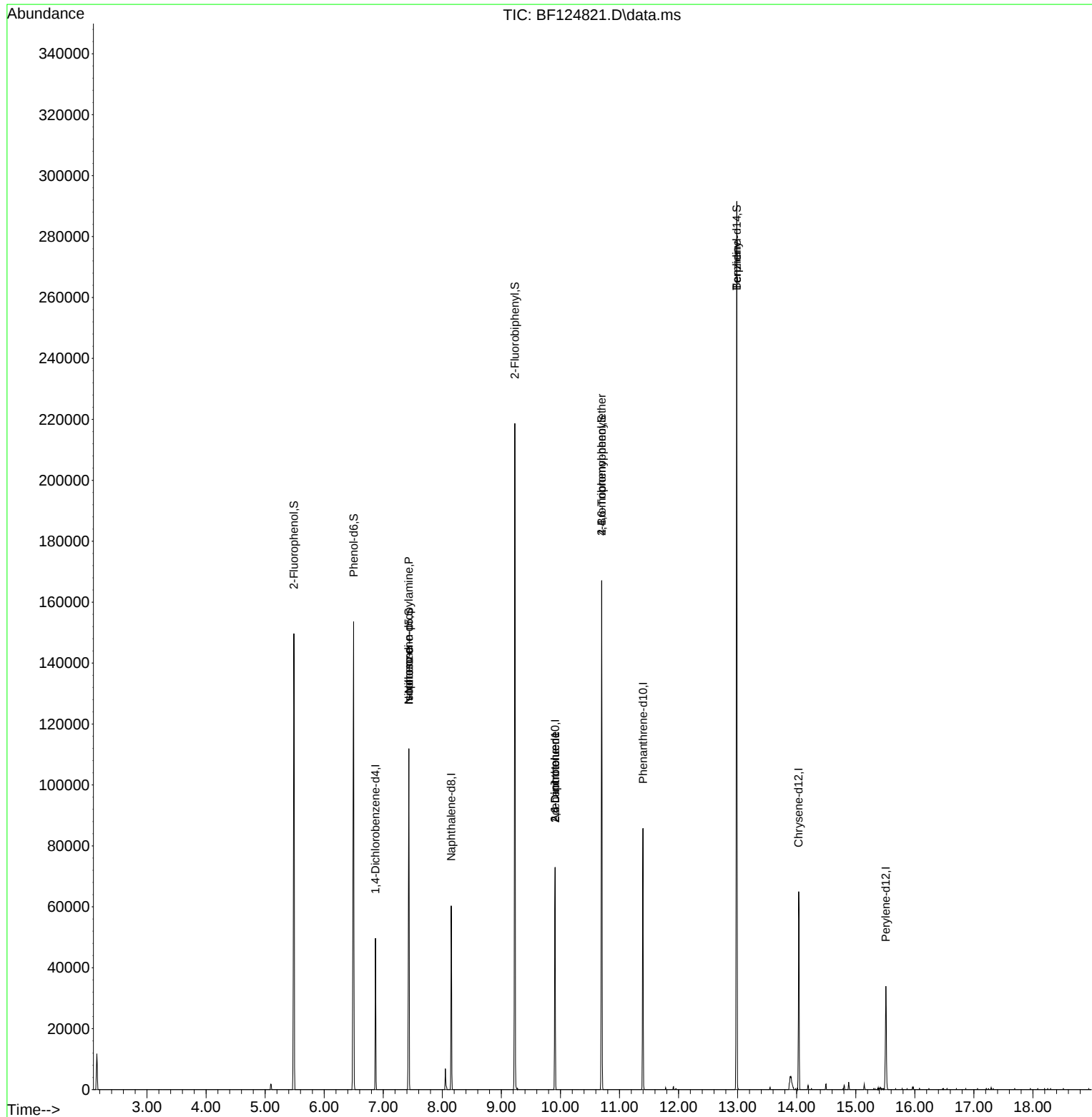
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6427	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14897	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	30149	20.000	ng	0.00
76) Chrysene-d12	14.033	240	23497	20.000	ng	0.00
86) Perylene-d12	15.509	264	16911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	41904	110.394	ng	0.00
7) Phenol-d6	6.498	99	49567	104.161	ng	0.00
23) Nitrobenzene-d5	7.433	82	33460	79.303	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16642	130.112	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	65246	64.328	ng	0.00
79) Terphenyl-d14	12.986	244	91792	66.964	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	4312	16.969	ng	# 69
25) Isophorone	7.433	82	33458	44.847	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1851	8.168	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1851	6.019	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1324	4.141	ng	# 1
77) Benzidine	12.986	184	1354	2.043	ng	# 73

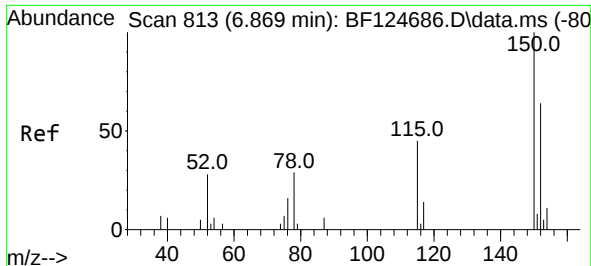
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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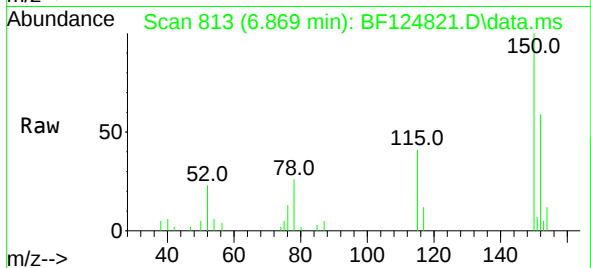
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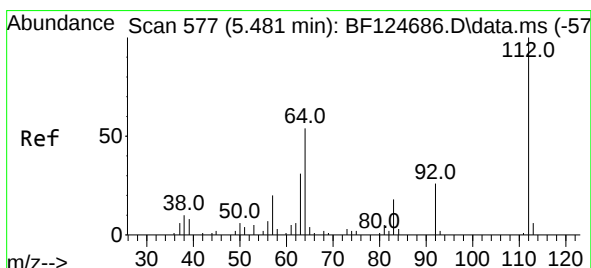
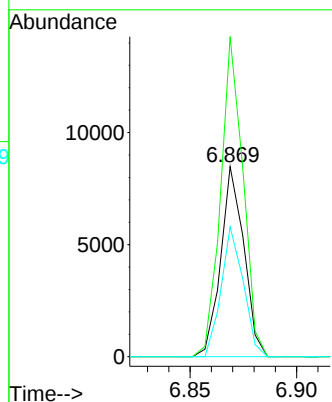
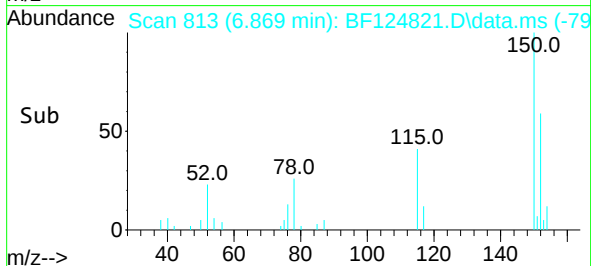


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

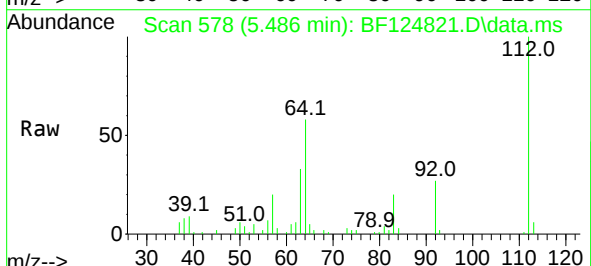
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3



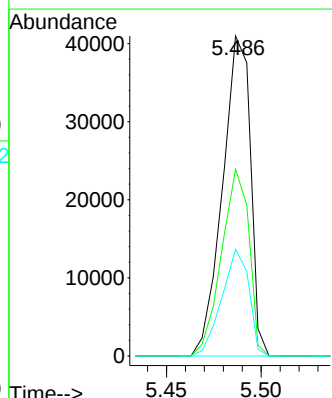
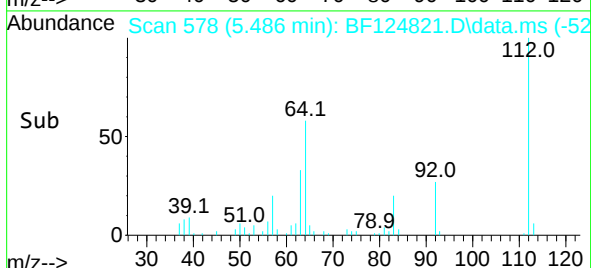
Tgt Ion:152 Resp: 6427
Ion Ratio Lower Upper
152 100
150 168.3 117.6 176.4
115 68.3 47.1 70.7

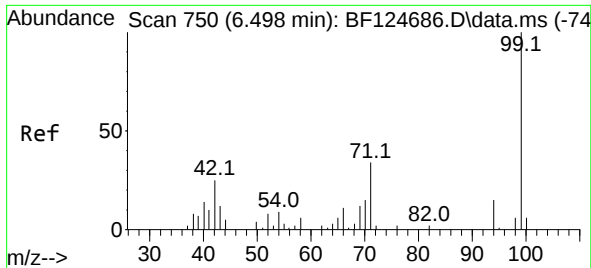


#5
2-Fluorophenol
Concen: 110.394 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27



Tgt Ion:112 Resp: 41904
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.3 26.2 39.2

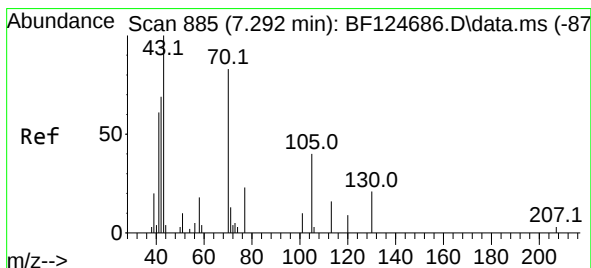
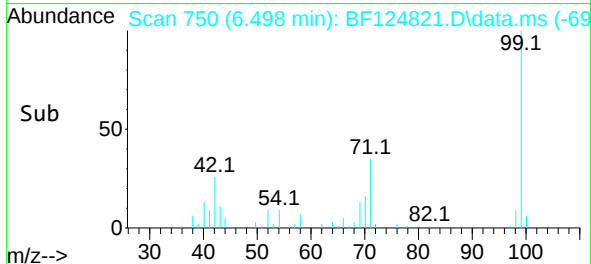
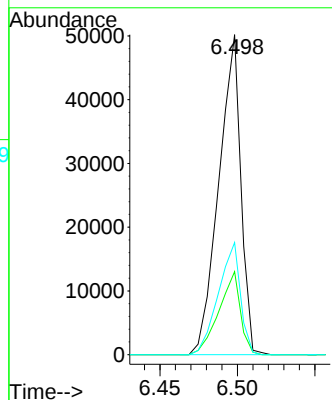
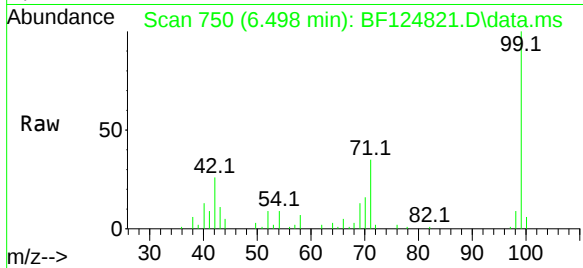




#7
Phenol-d6
Concen: 104.161 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

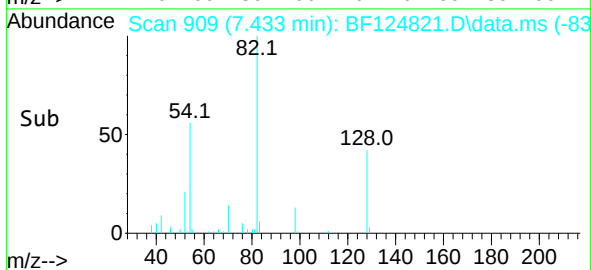
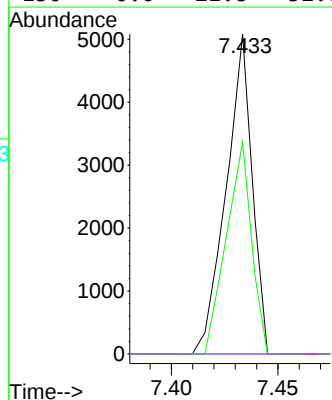
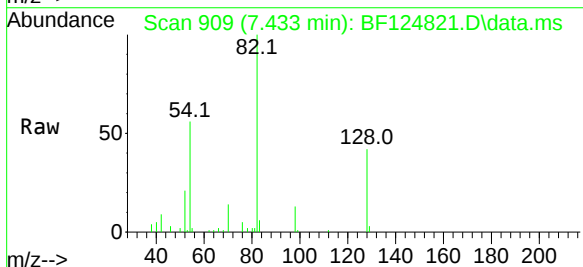
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

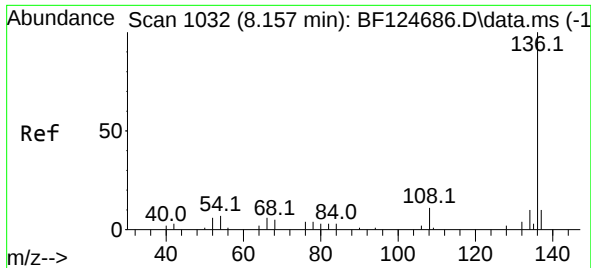
Tgt Ion:	99	Resp:	49567
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.5	35.3
71	35.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.969 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:	70	Resp:	4312
Ion	Ratio	Lower	Upper
70	100		
42	66.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

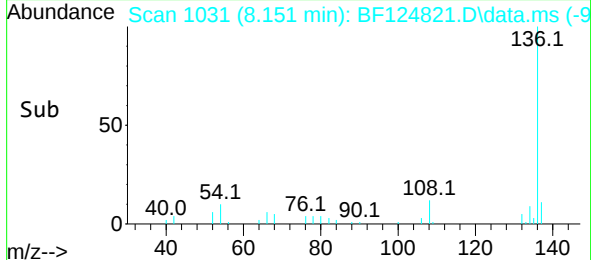
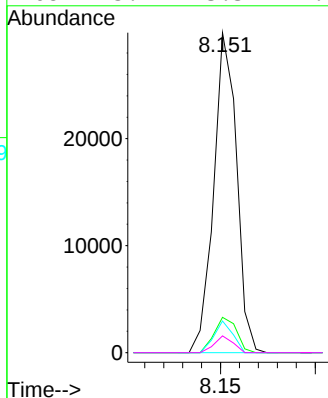
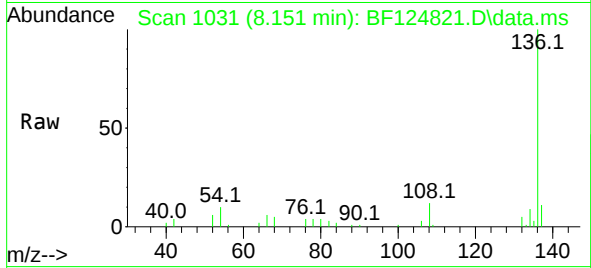




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

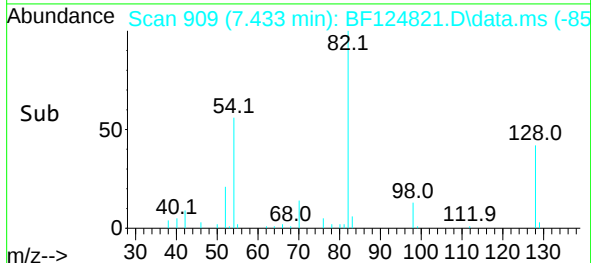
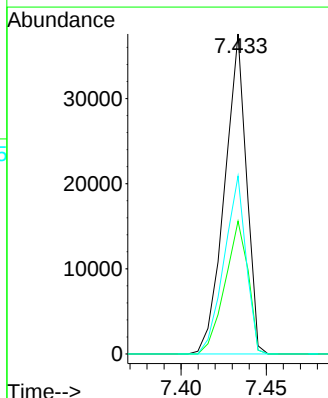
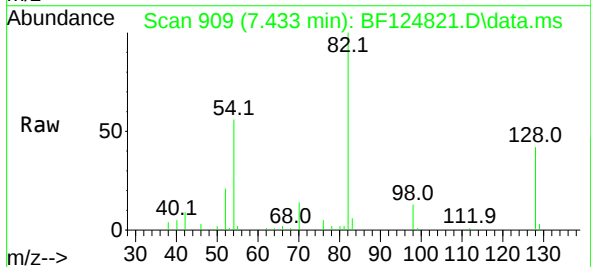
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

Tgt Ion:136	Resp:	25112
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.6
54	9.9	6.4 9.6#
68	5.2	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.303 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion: 82	Resp:	33460
Ion Ratio	Lower	Upper
82	100	
128	41.5	40.6 60.8
54	55.6	49.6 74.4

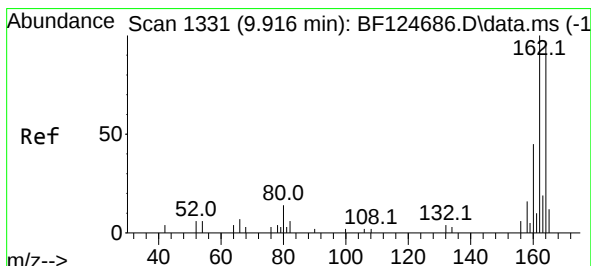
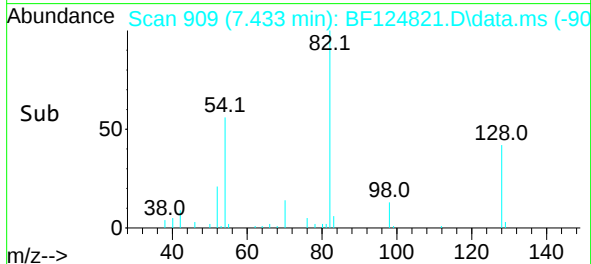
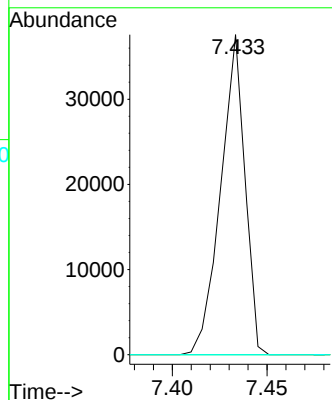
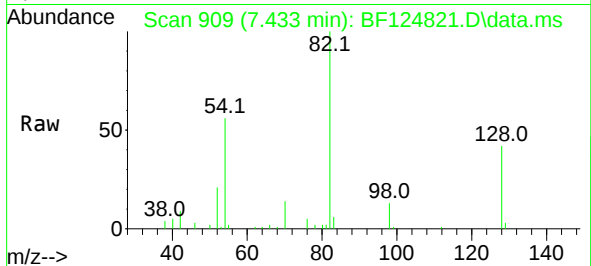




#25
Isophorone
Concen: 44.847 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

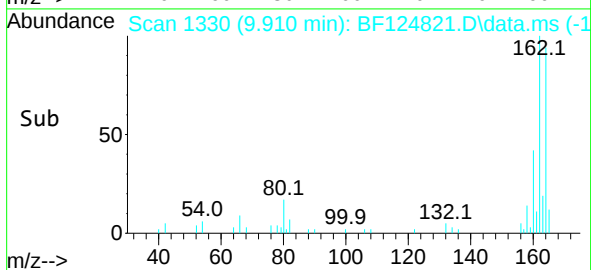
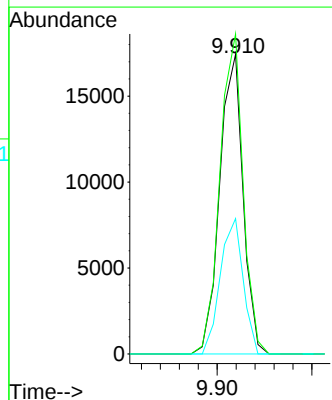
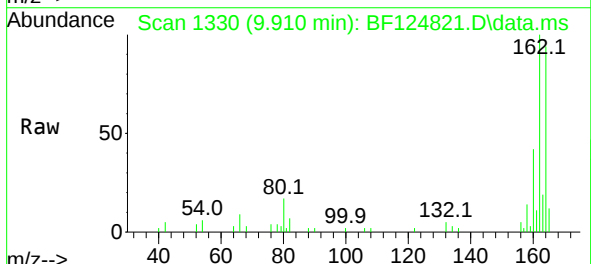
Instrument :
BNA_F
ClientSampleId :
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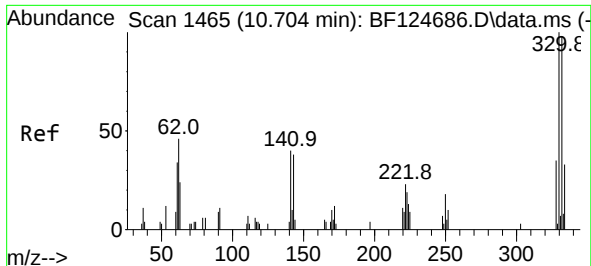
Tgt Ion: 82 Resp: 33458
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

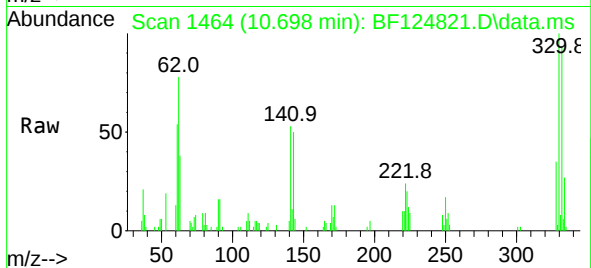
Tgt Ion: 164 Resp: 14897
Ion Ratio Lower Upper
164 100
162 106.8 81.3 121.9
160 45.2 38.0 57.0



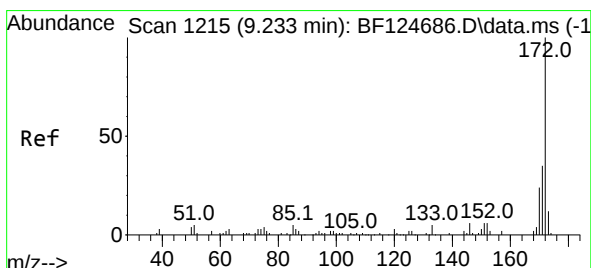
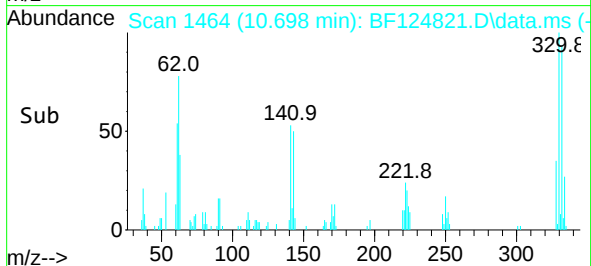
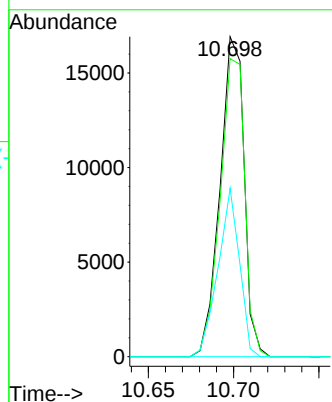


#42
2,4,6-Tribromophenol
Concen: 130.112 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

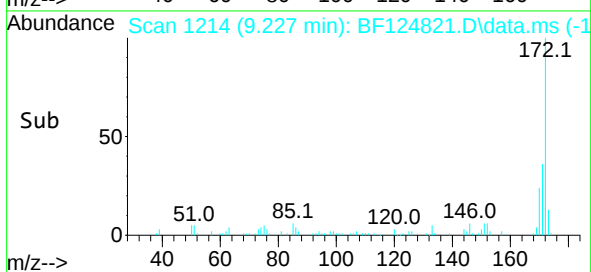
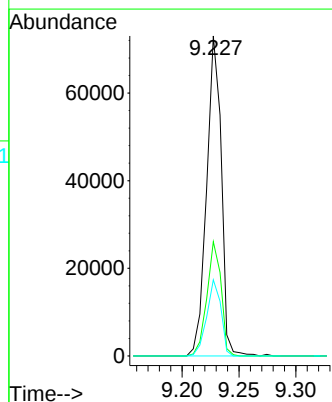
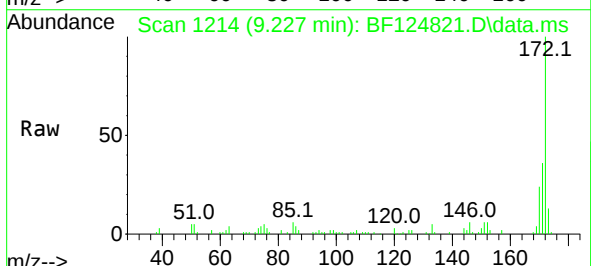


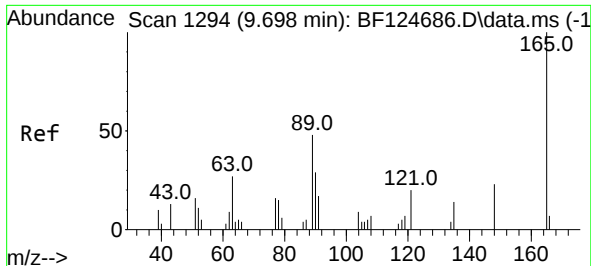
Tgt Ion: 330 Resp: 16642
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 46.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 64.328 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion: 172 Resp: 65246
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.8 18.8 28.2

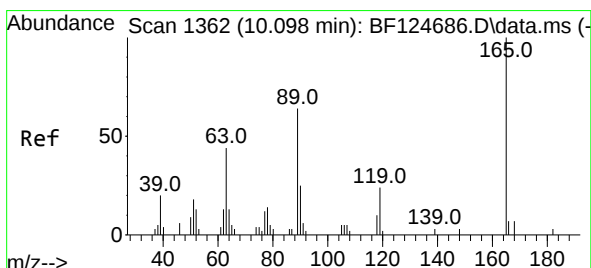
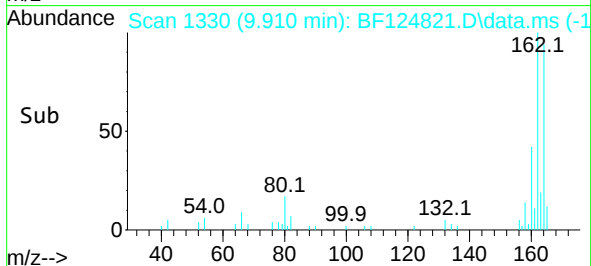
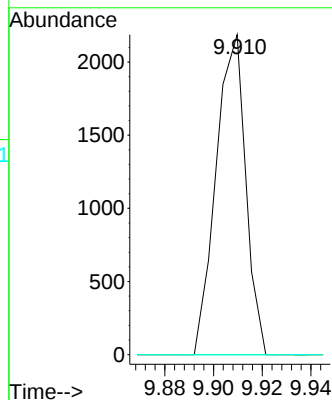
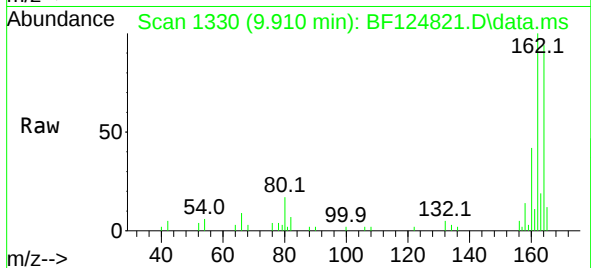




#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

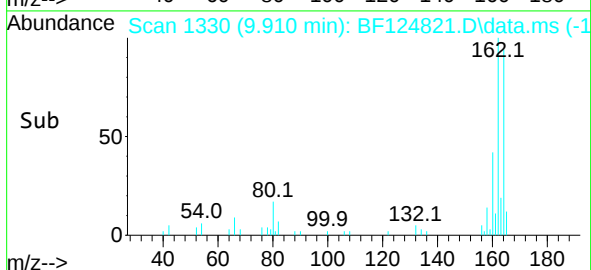
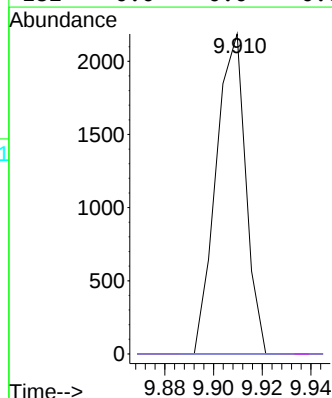
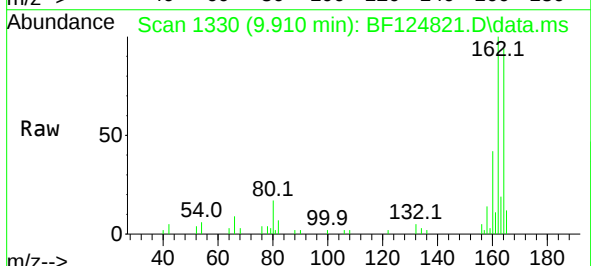
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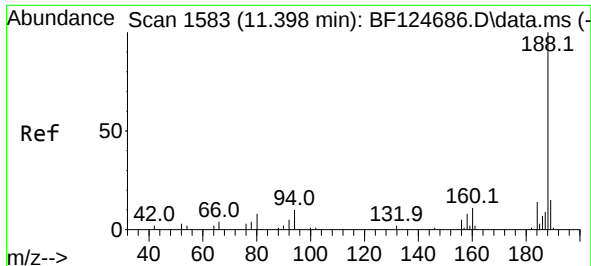
Tgt Ion:165 Resp: 1851
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:165 Resp: 1851
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

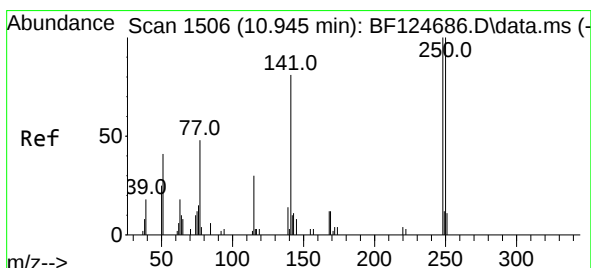
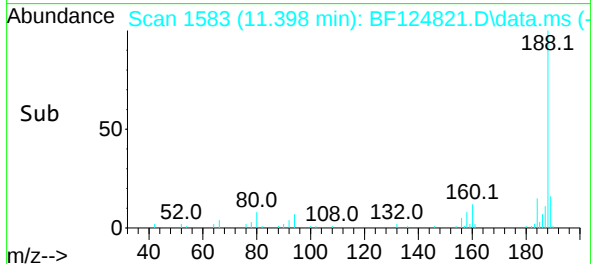
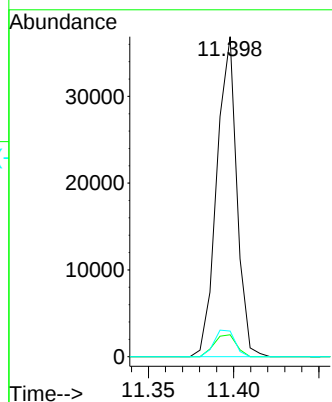
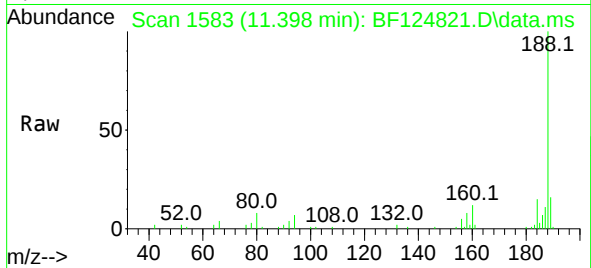




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

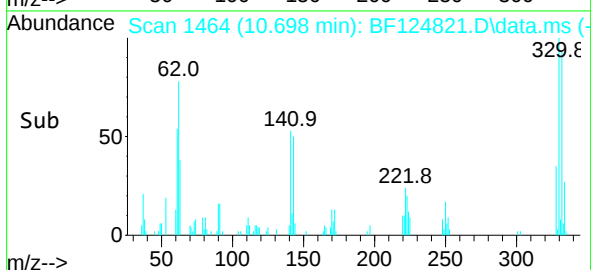
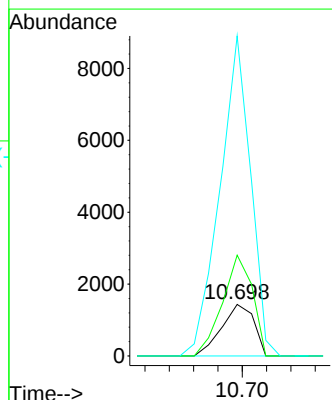
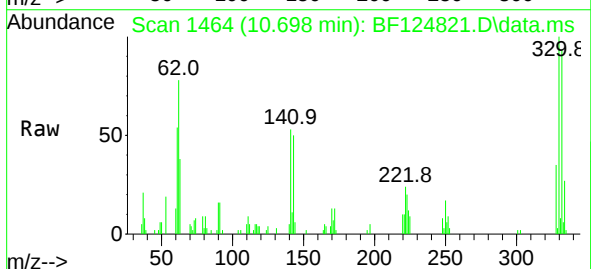
Instrument :
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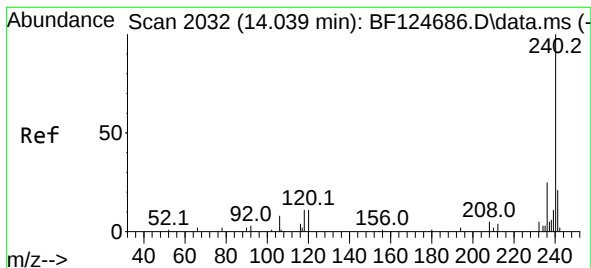
Tgt Ion:188 Resp: 30149
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.141 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:248 Resp: 1324
Ion Ratio Lower Upper
248 100
250 195.5 74.2 111.4#
141 620.6 60.4 90.6#

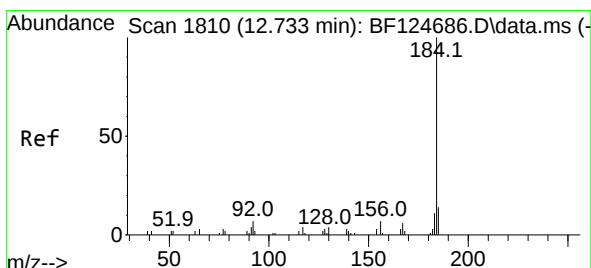
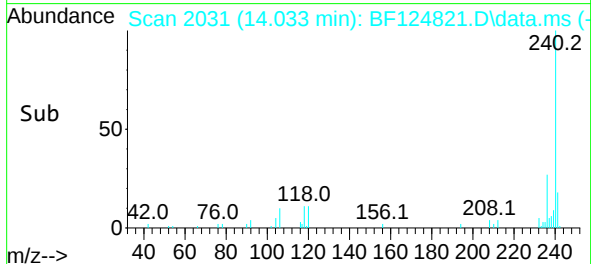
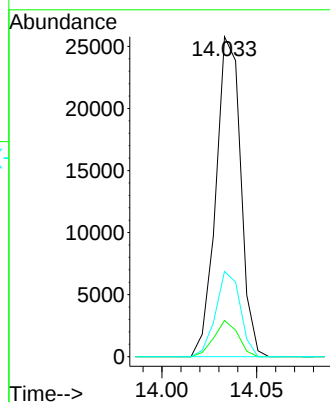
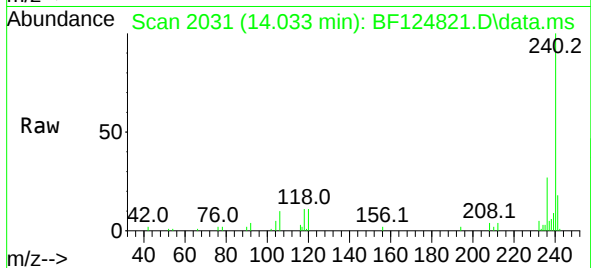




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

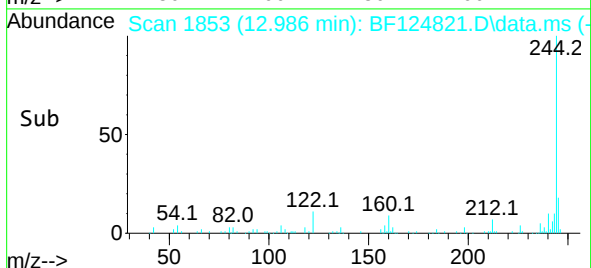
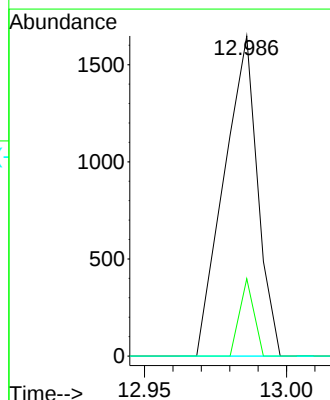
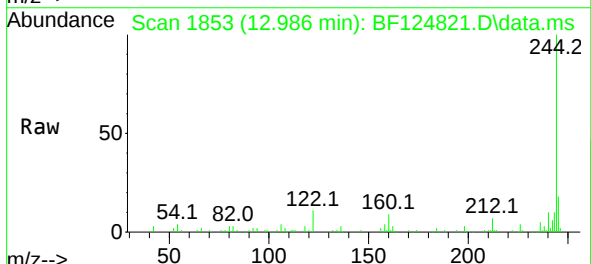
Instrument :
BNA_F
ClientSampleId :
20210530-COM-3

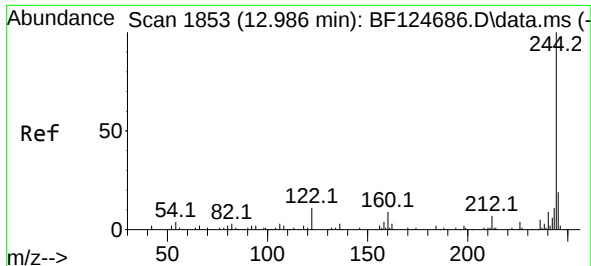
Tgt Ion:240	Resp:	23497
Ion Ratio	Lower	Upper
240	100	
120	11.3	10.8 16.2
236	26.6	21.6 32.4



#77
Benzidine
Concen: 2.043 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124821.D
Acq: 28 Jul 2021 11:27

Tgt Ion:184	Resp:	1354
Ion Ratio	Lower	Upper
184	100	
185	24.2	10.8 16.2#
183	0.0	8.1 12.1#

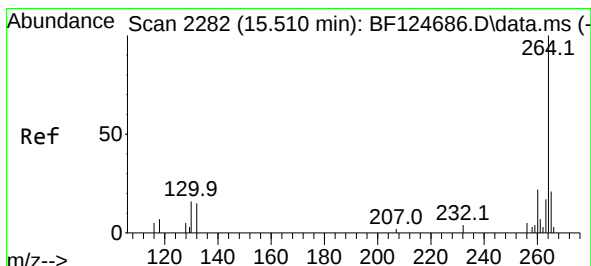
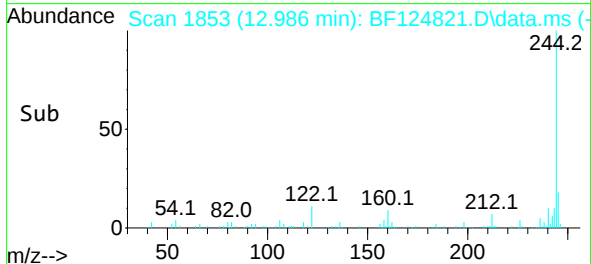
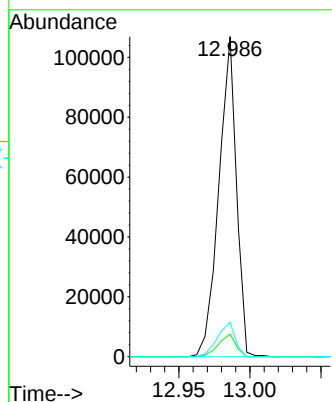
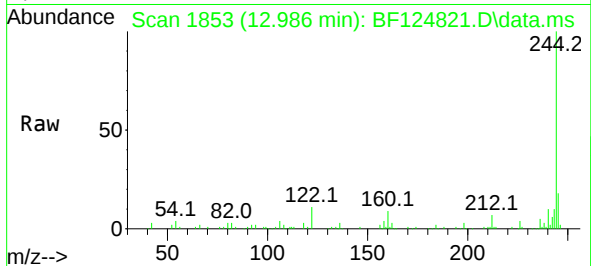




#79
 Terphenyl-d14
 Concen: 66.964 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124821.D
 Acq: 28 Jul 2021 11:27

Instrument :
 BNA_F
 ClientSampleId :
 20210530-COM-3

Tgt Ion:244 Resp: 91792
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124821.D
 Acq: 28 Jul 2021 11:27

Tgt Ion:264 Resp: 16911
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.6 29.4
 265 23.6 17.2 25.8

