

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123144.D
 Acq On : 8 Feb 2021 14:34
 Operator : JU/CG
 Sample : PB134517BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134517BL

Quant Time: Feb 08 15:17:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

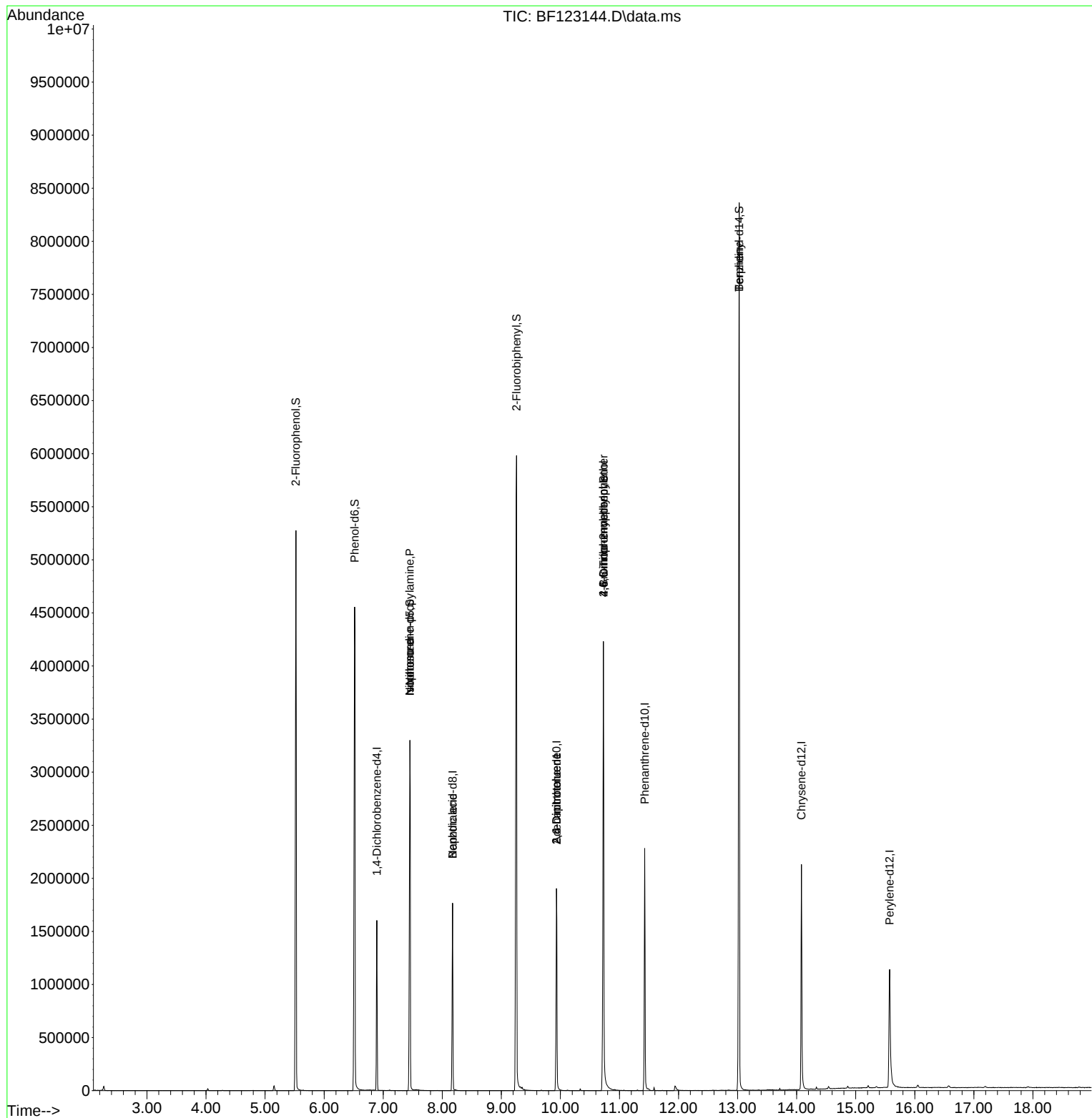
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	221418	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	857827	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	468311	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	895945	20.00	ng	0.00
76) Chrysene-d12	14.080	240	821810	20.00	ng	0.00
86) Perylene-d12	15.574	264	715386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1639566	114.22	ng	0.02
7) Phenol-d6	6.516	99	2066547	106.21	ng	0.00
23) Nitrobenzene-d5	7.451	82	1337427	78.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	676354	133.04	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2473386	78.51	ng	0.00
79) Terphenyl-d14	13.027	244	3023283	72.28	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	179560	15.35	ng	# 80
25) Isophorone	7.451	82	1331574	42.65	ng	# 65
32) Benzoic acid	8.175	122	124	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	59915	7.66	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	59916	5.89	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1338	5.22	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	43691	3.83	ng	# 1
77) Benzidine	13.027	184	39454	2.12	ng	95

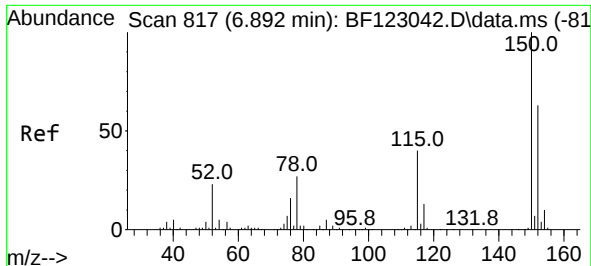
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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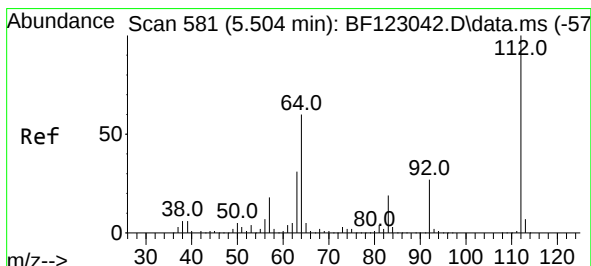
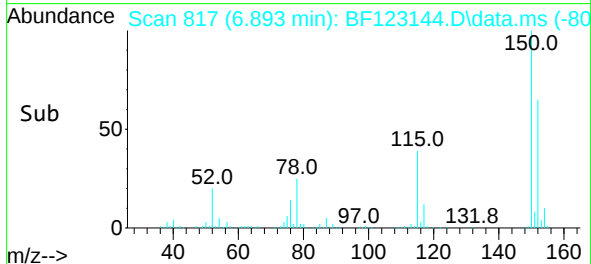
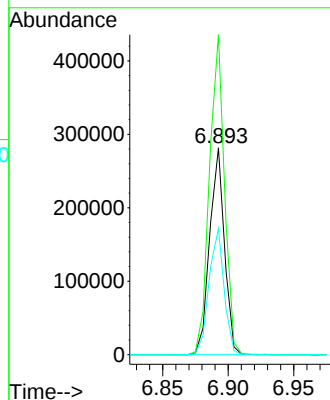
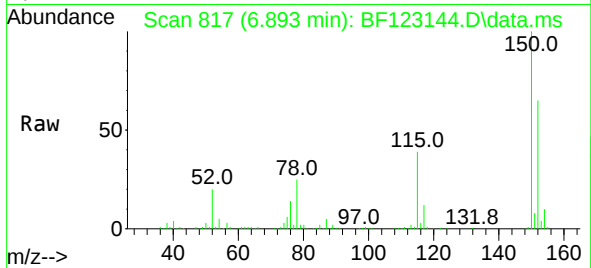




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

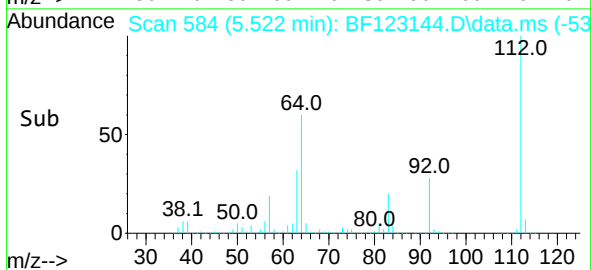
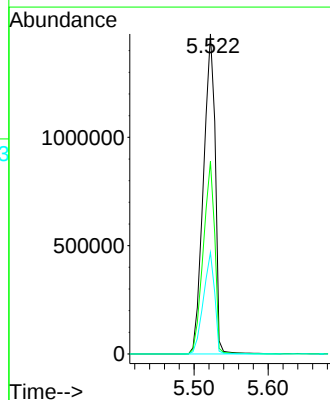
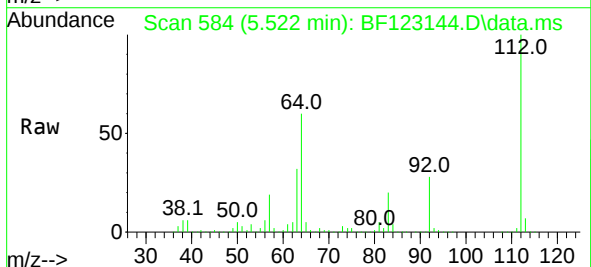
Instrument :
BNA_F
ClientSampleId :
PB134517BL

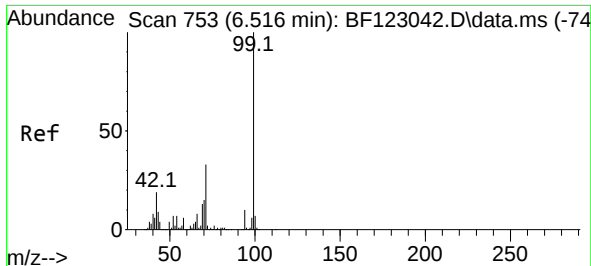
Tgt Ion:152 Resp: 221418
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 114.22 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion:112 Resp: 1639566
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.7 24.5 36.7



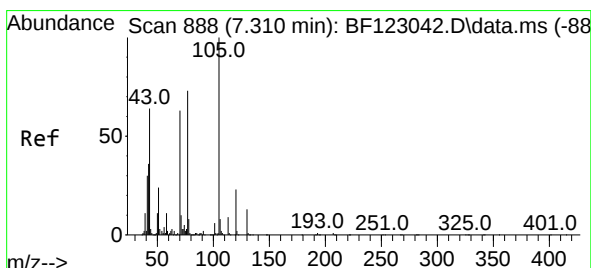
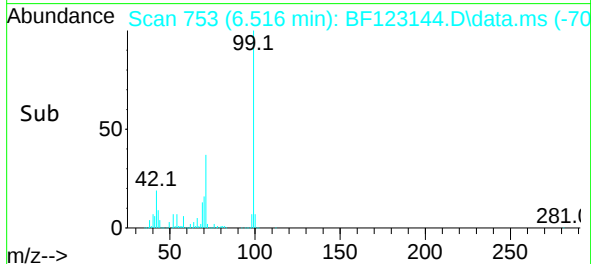
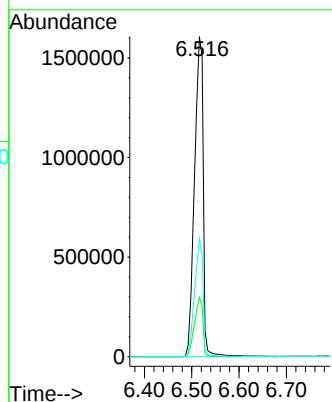
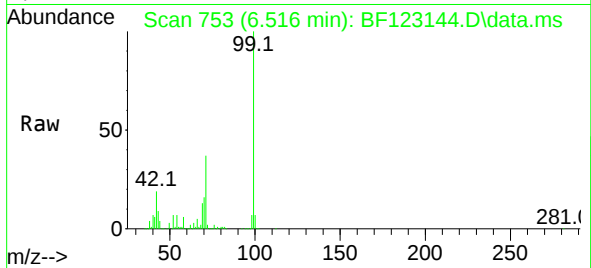


#7
Phenol-d6
Concen: 106.21 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Instrument :
BNA_F
ClientSampleId :
PB134517BL

Tgt Ion: 99 Resp: 2066547

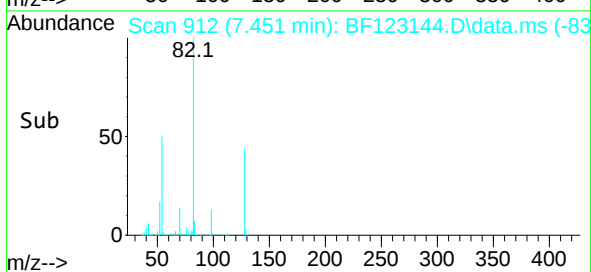
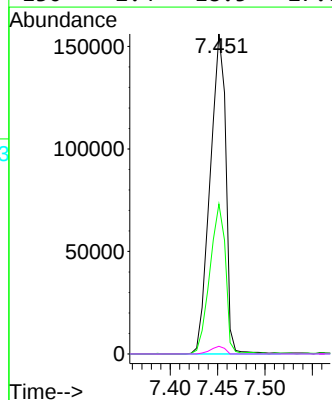
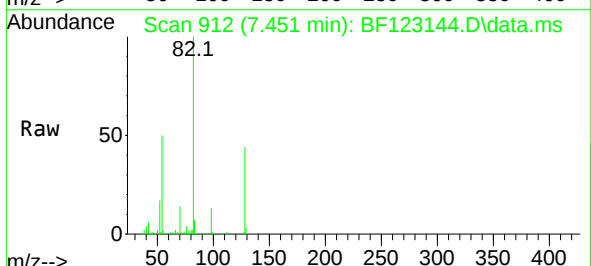
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	36.9	26.9	40.3

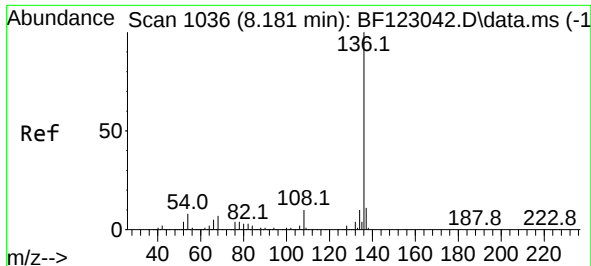


#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion: 70 Resp: 179560

Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



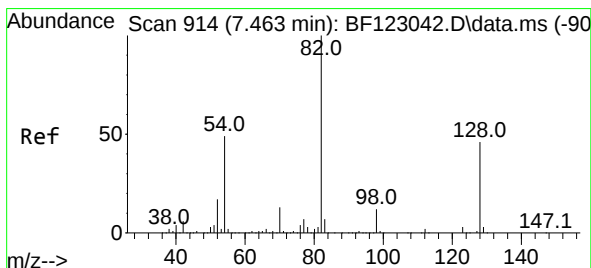
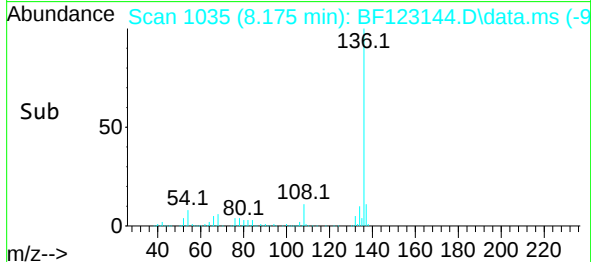
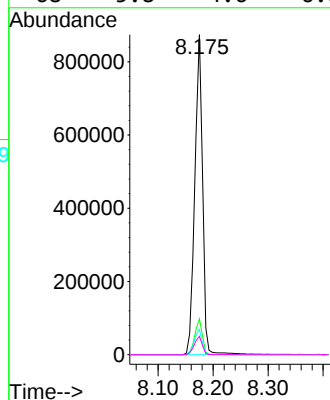
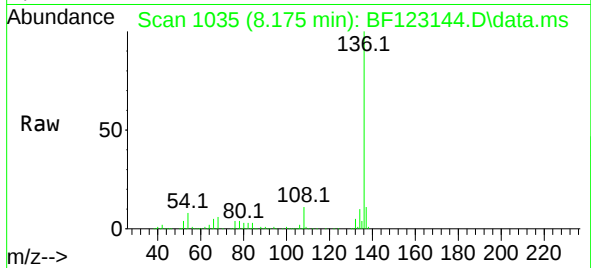


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Instrument :
BNA_F
ClientSampleId :
PB134517BL

Tgt Ion:136 Resp: 857827

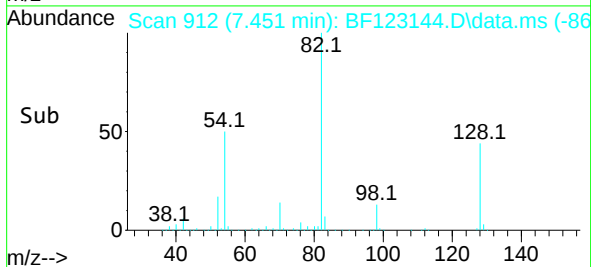
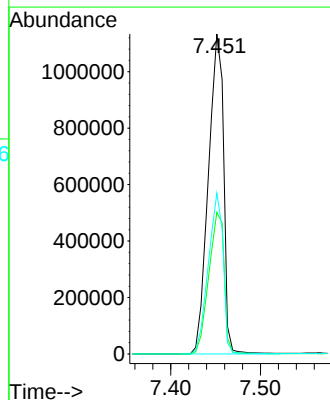
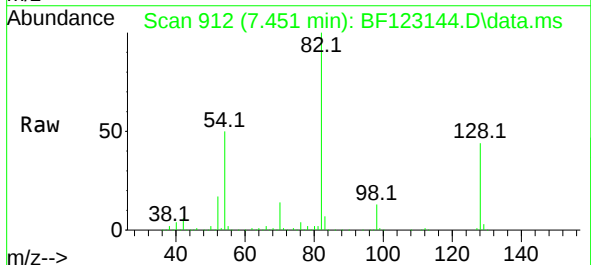
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	5.5	8.3
68	5.8	4.6	6.8

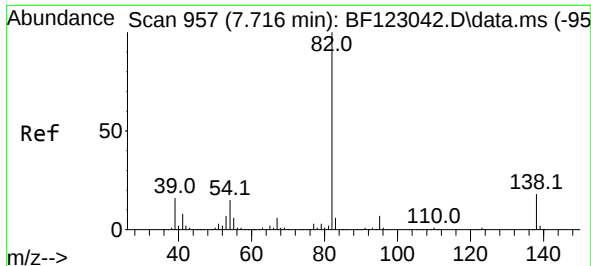


#23
Nitrobenzene-d5
Concen: 78.46 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion: 82 Resp: 1337427

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.4
54	50.3	38.4	57.6

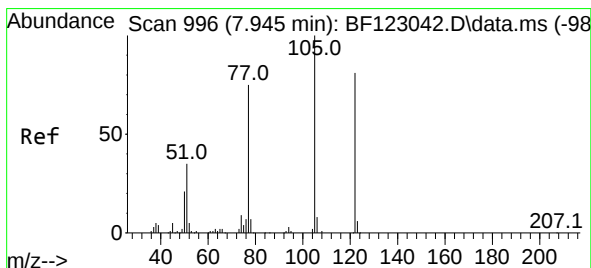
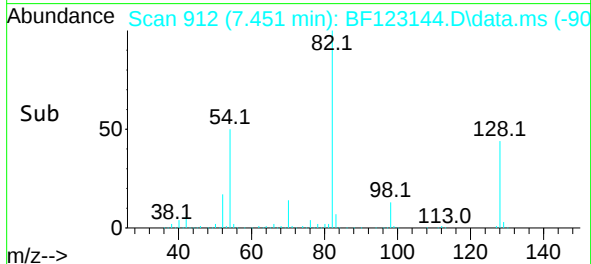
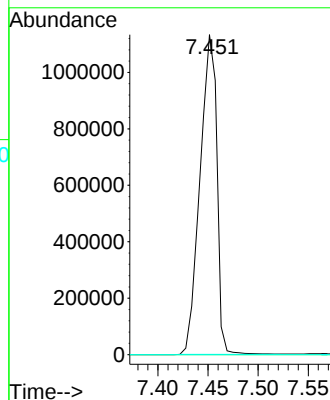
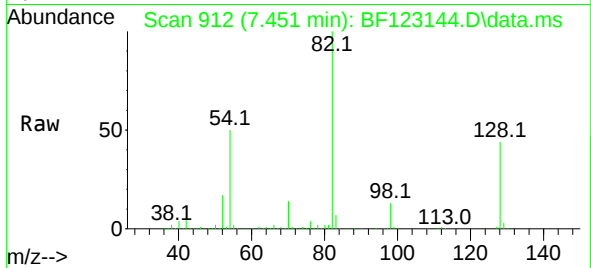




#25
Isophorone
Concen: 42.65 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

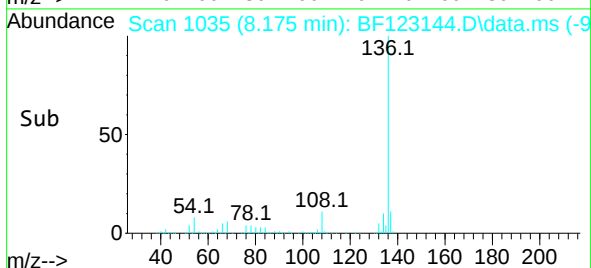
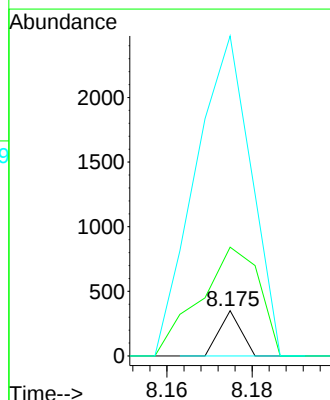
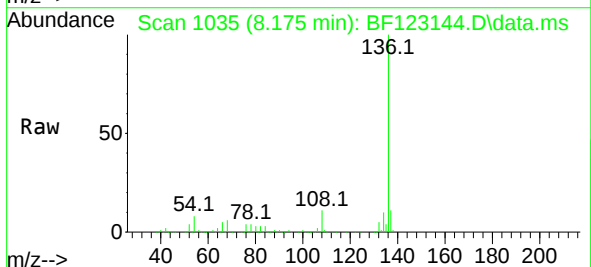
Instrument :
BNA_F
ClientSampleId :
PB134517BL

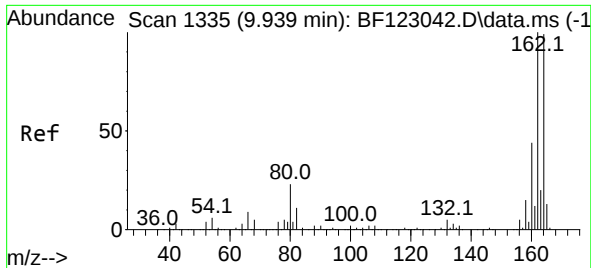
Tgt Ion: 82 Resp: 1331574
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion: 122 Resp: 124
Ion Ratio Lower Upper
122 100
105 239.9 104.8 144.8#
77 705.4 71.0 111.0#

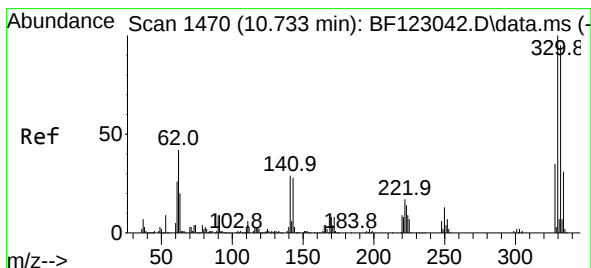
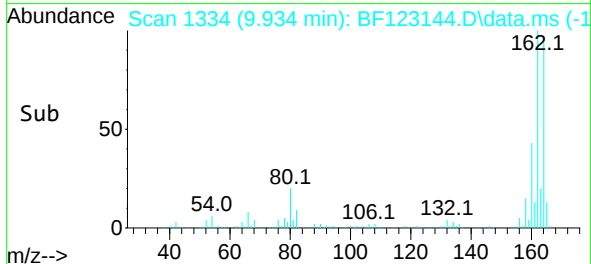
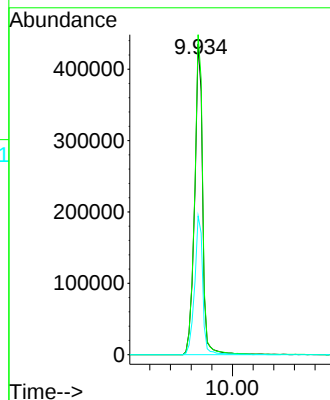
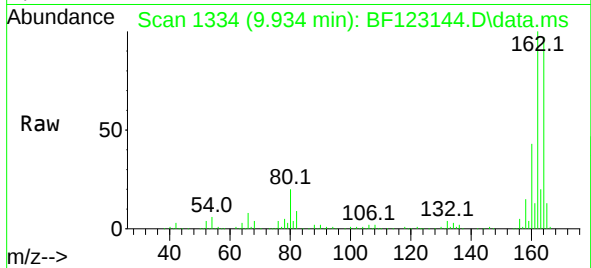




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

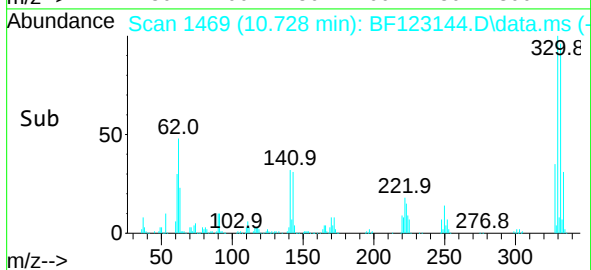
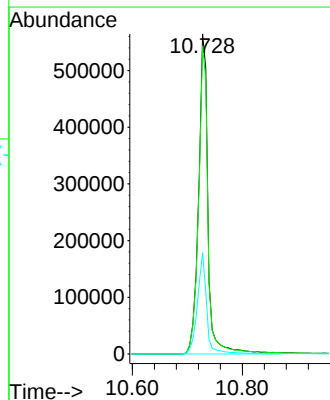
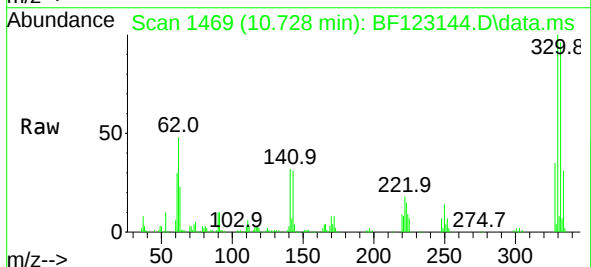
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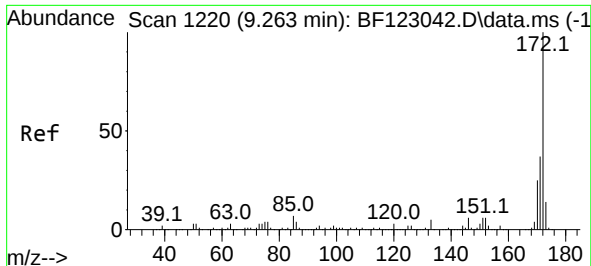
Tgt Ion:164 Resp: 468311
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.04 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion:330 Resp: 676354
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 31.3 23.8 35.8

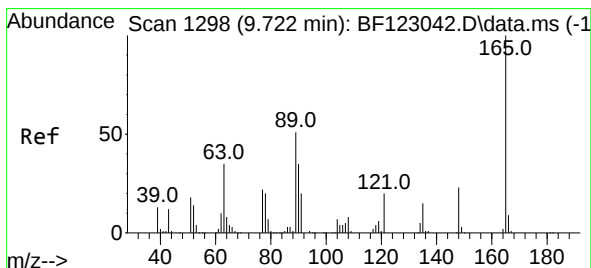
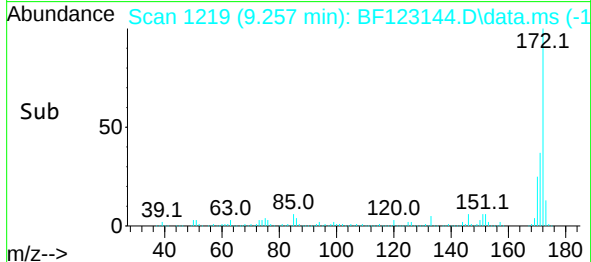
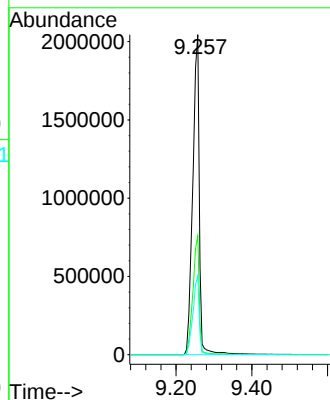
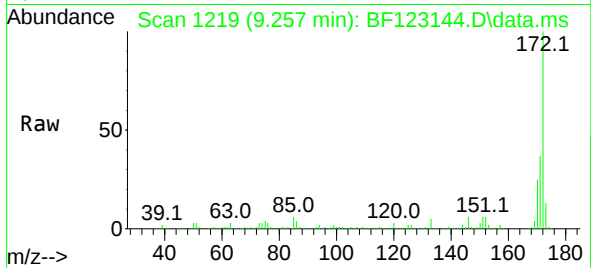




#45
2-Fluorobiphenyl
Concen: 78.51 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

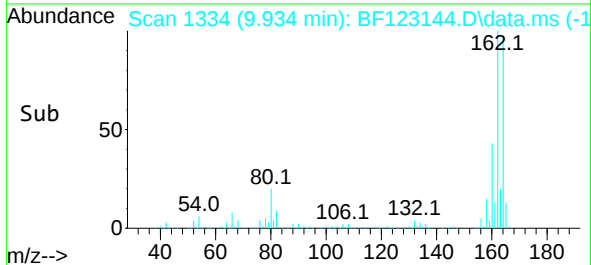
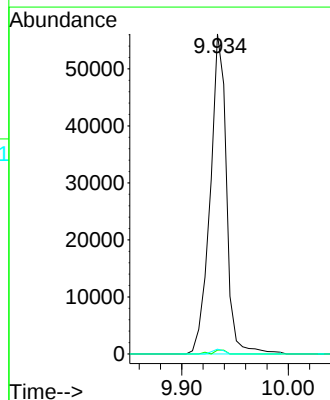
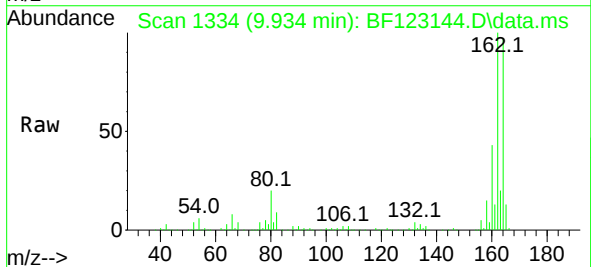
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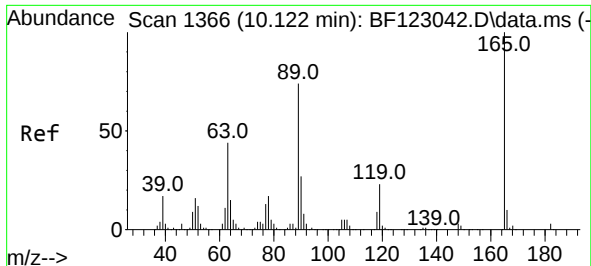
Tgt Ion:172 Resp: 2473386
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.7 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

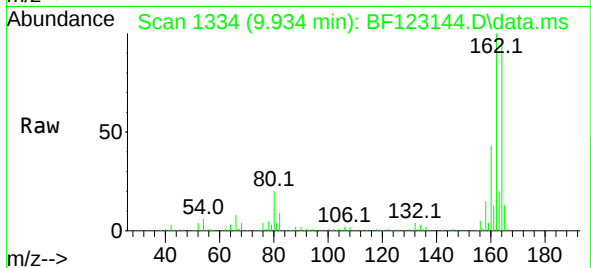
Tgt Ion:165 Resp: 59915
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



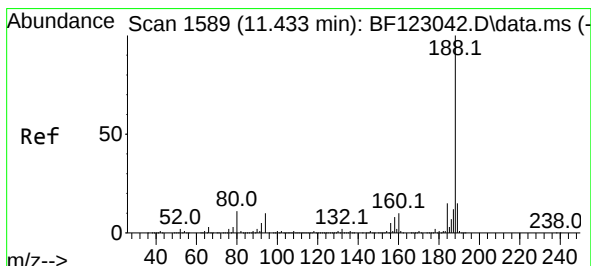
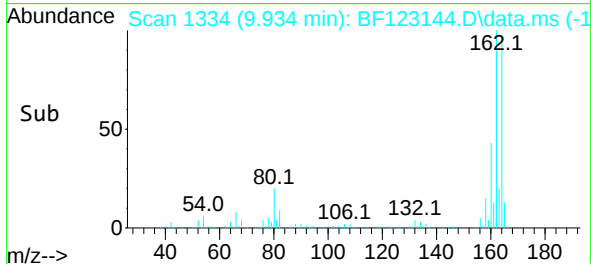
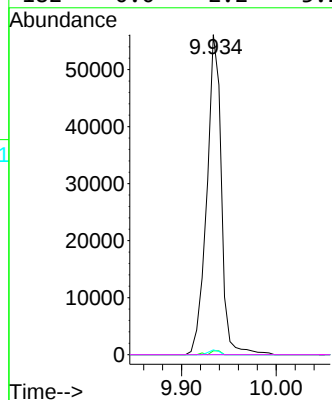


#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Instrument :
BNA_F
ClientSampleId :
PB134517BL

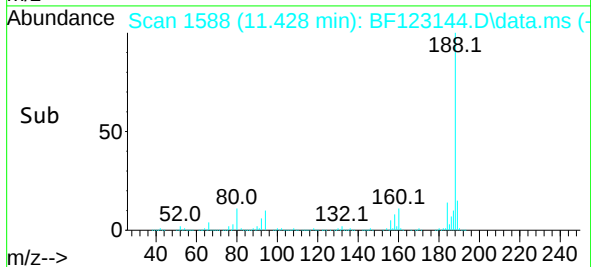
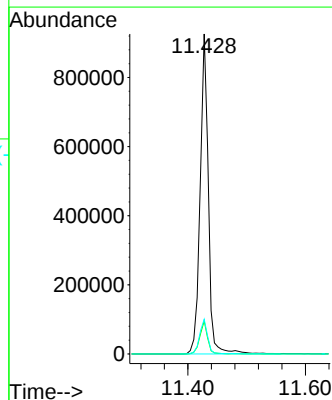
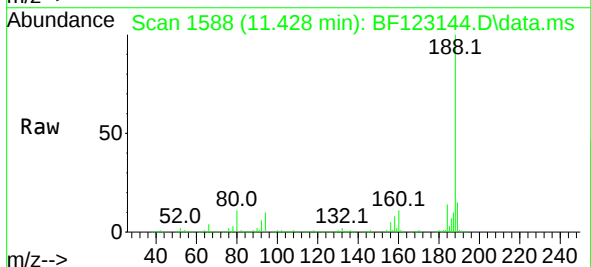


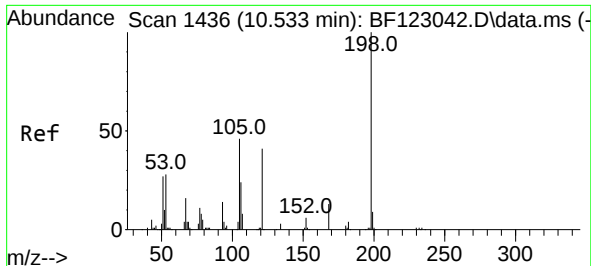
Tgt Ion:165 Resp: 59916
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion:188 Resp: 895945
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.9 8.2 12.4

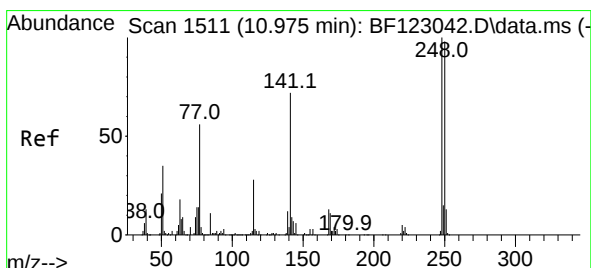
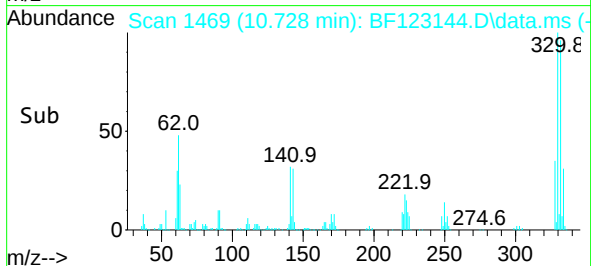
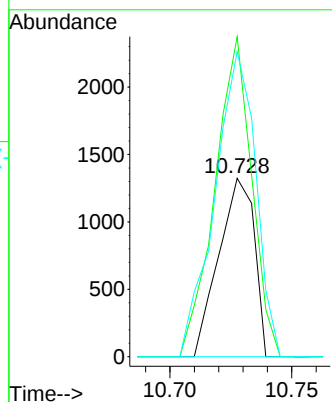
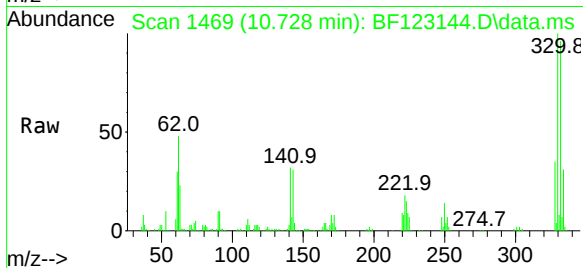




#65
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

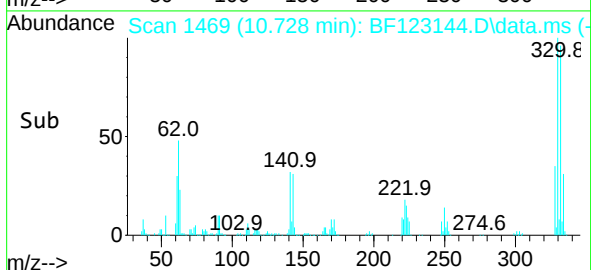
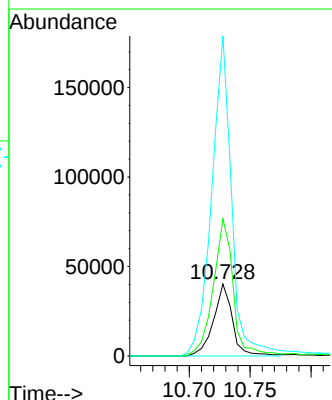
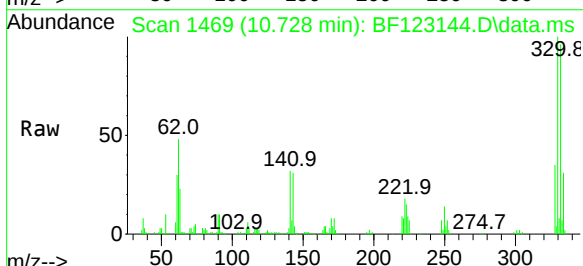
Instrument :
BNA_F
ClientSampleId :
PB134517BL

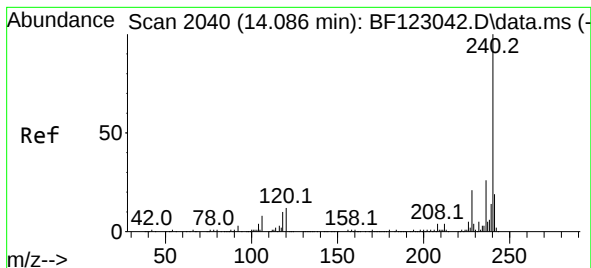
Tgt Ion:198 Resp: 1338
Ion Ratio Lower Upper
198 100
51 179.3 20.3 60.3#
105 170.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion:248 Resp: 43691
Ion Ratio Lower Upper
248 100
250 190.8 76.8 115.2#
141 445.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF123144.D

Acq: 8 Feb 2021 14:34

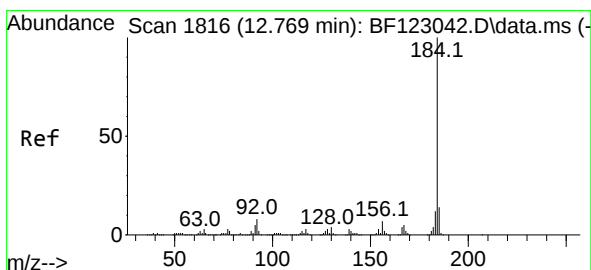
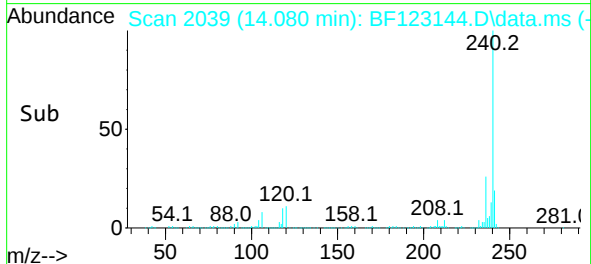
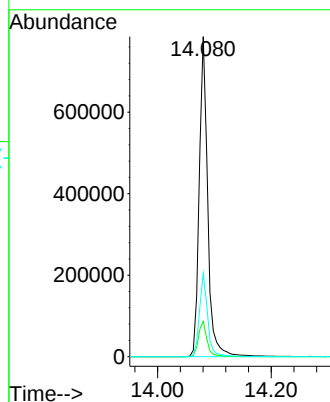
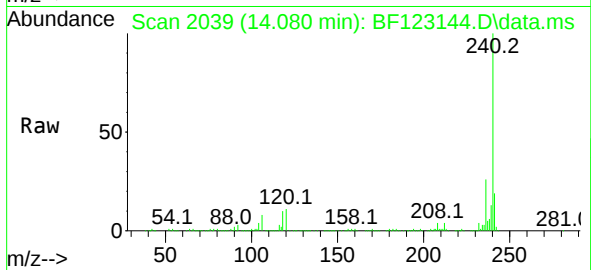
Tgt Ion:240 Resp: 821810

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 26.0 20.3 30.5



#77

Benzidine

Concen: 2.12 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123144.D

Acq: 8 Feb 2021 14:34

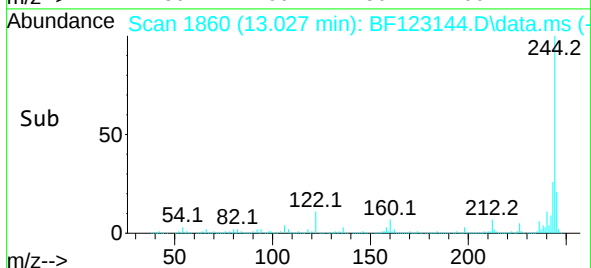
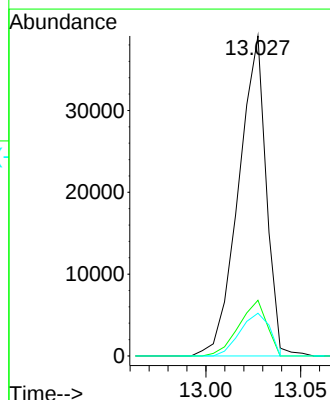
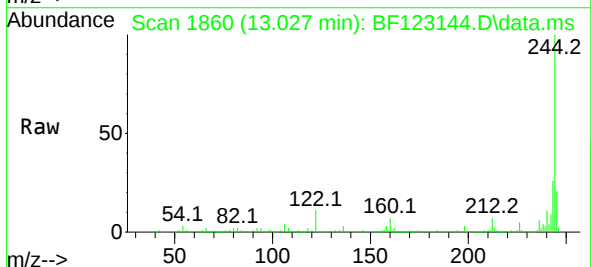
Tgt Ion:184 Resp: 39454

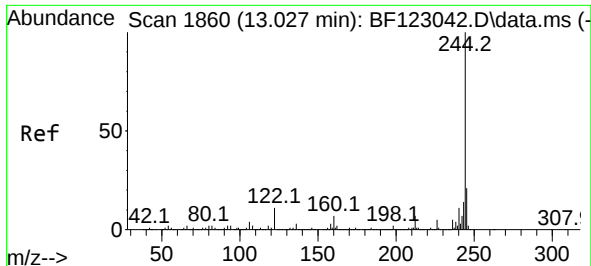
Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.6

183 13.4 9.7 14.5

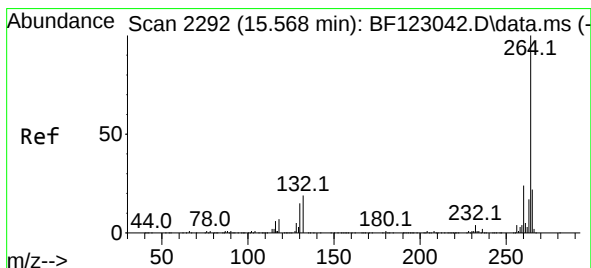
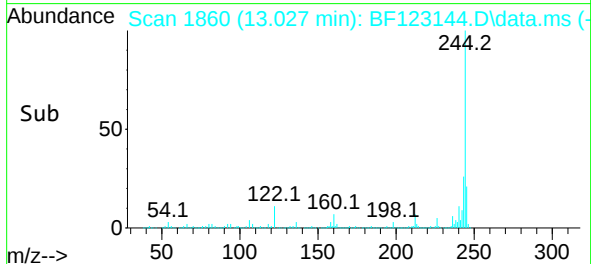
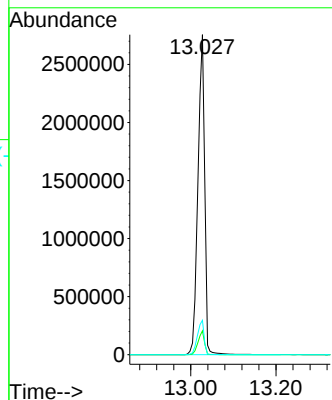
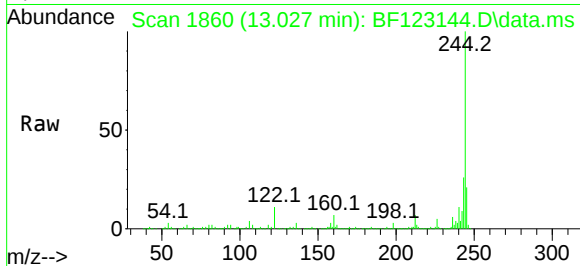




#79
Terphenyl-d14
Concen: 72.28 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Instrument :
BNA_F
ClientSampleId :
PB134517BL

Tgt Ion:244 Resp: 3023283
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123144.D
Acq: 8 Feb 2021 14:34

Tgt Ion:264 Resp: 715386
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.2 17.0 25.6

