

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123108.D
 Acq On : 4 Feb 2021 11:19
 Operator : JU/CG
 Sample : PB134405BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134405BL

Quant Time: Feb 04 11:43:15 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)

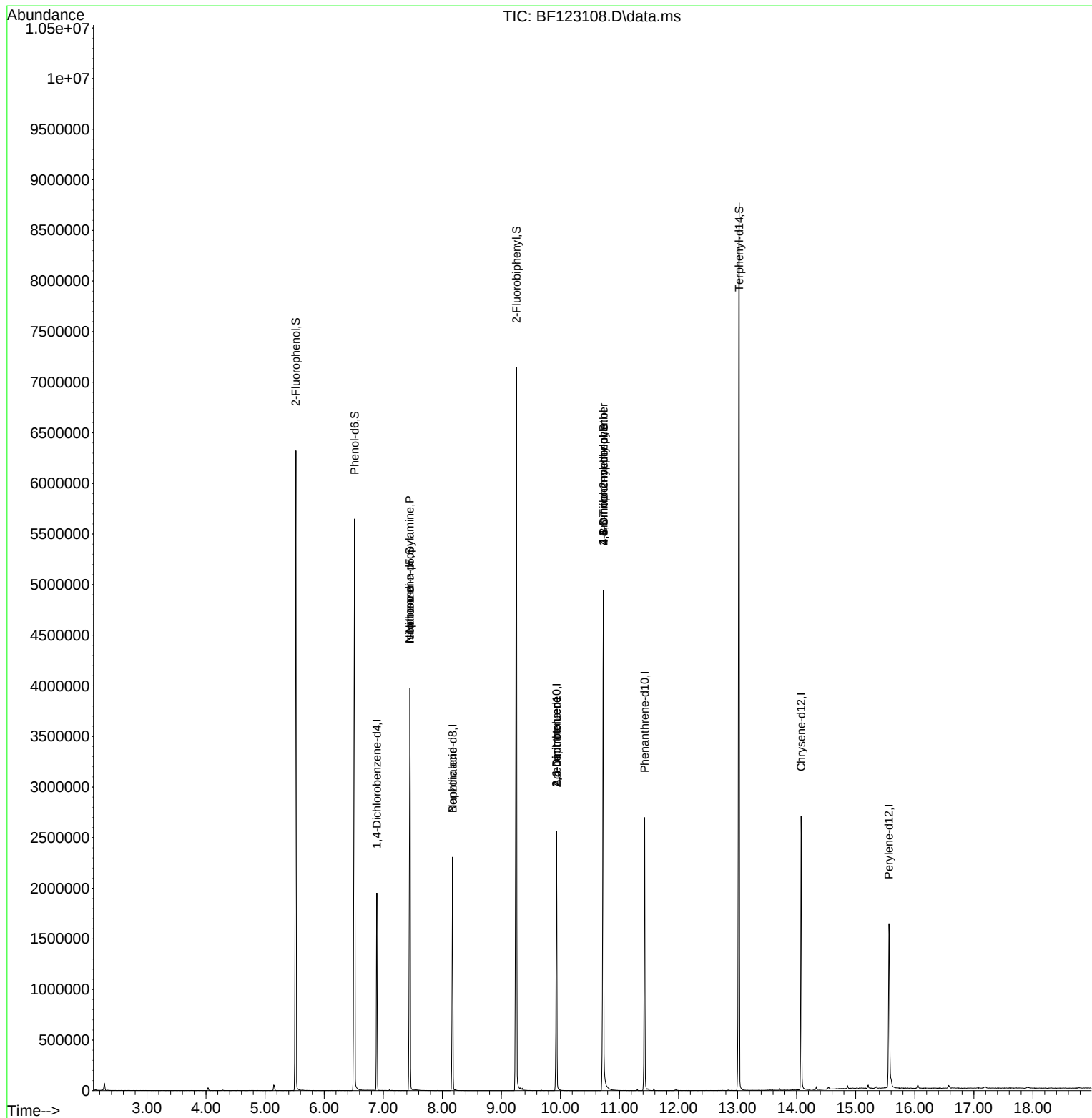
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	276784	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1082317	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	582559	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	1092282	20.00	ng	0.00
76) Chrysene-d12	14.074	240	998291	20.00	ng	-0.01
86) Perylene-d12	15.563	264	838683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1910575	106.48	ng	0.02
7) Phenol-d6	6.516	99	2387285	98.16	ng	0.00
23) Nitrobenzene-d5	7.451	82	1557855	72.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	742443	117.40	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2763852	70.53	ng	0.00
79) Terphenyl-d14	13.027	244	3285470	64.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	211857	14.49	ng	Qvalue # 78
25) Isophorone	7.451	82	1543439	39.18	ng	# 65
32) Benzoic acid	8.175	122	120	4.92	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	73932	7.59	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	73932	5.84	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1758	5.24	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	48799	3.51	ng	# 1

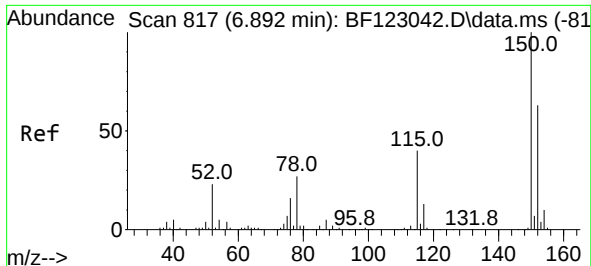
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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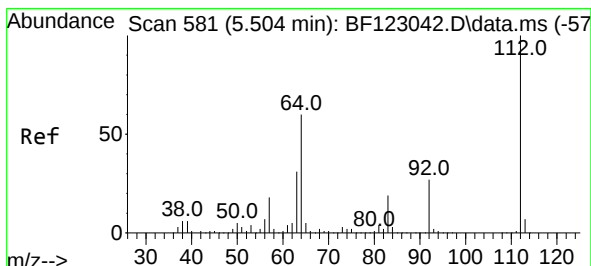
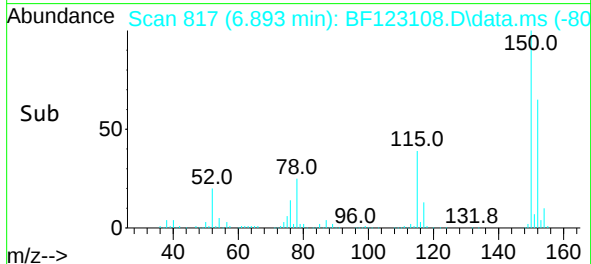
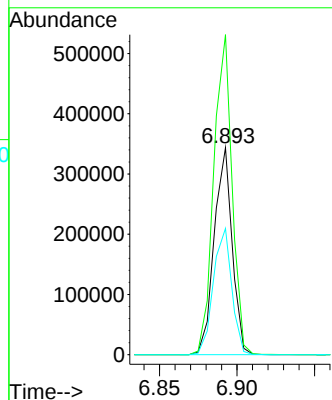
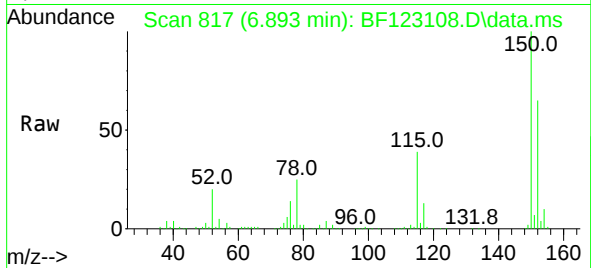




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

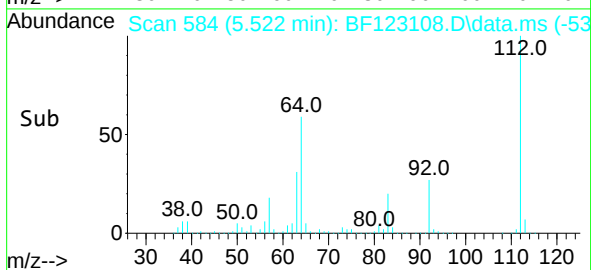
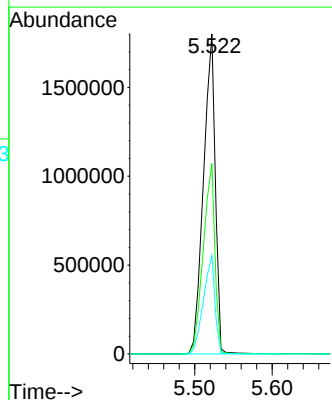
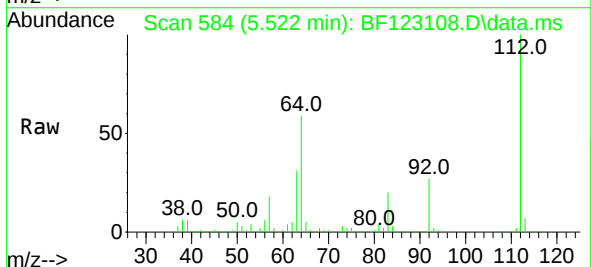
Instrument :
BNA_F
ClientSampleId :
PB134405BL

Tgt Ion:152 Resp: 276784
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 106.48 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

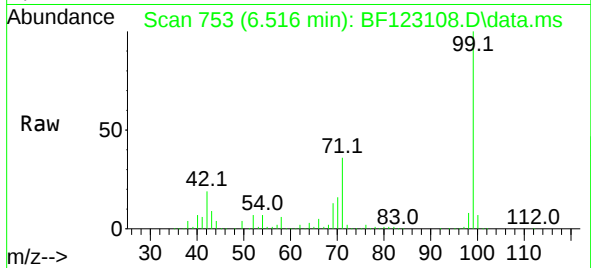
Tgt Ion:112 Resp: 1910575
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 30.8 24.5 36.7





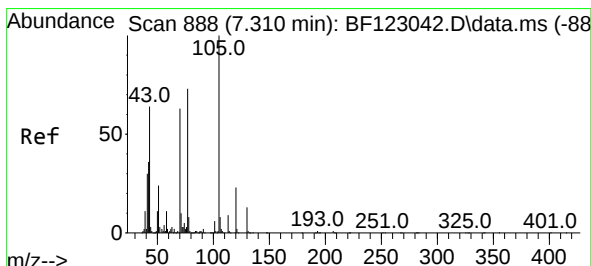
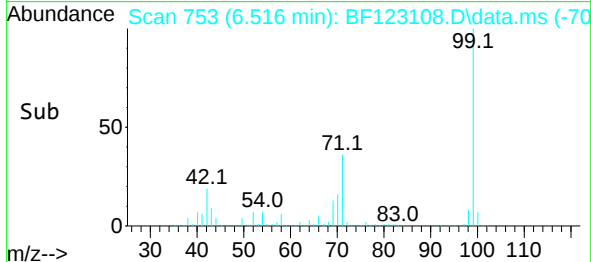
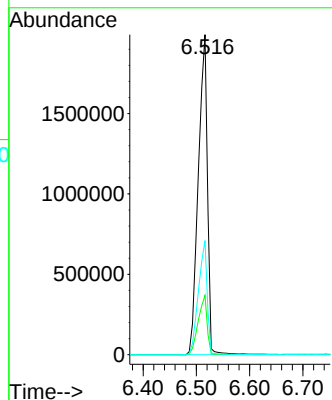
#7
Phenol-d6
Concen: 98.16 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Instrument :
BNA_F
ClientSampleId :
PB134405BL

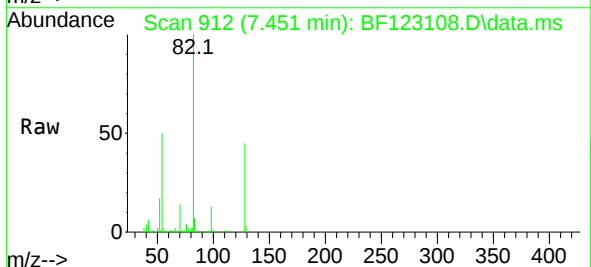


Tgt Ion: 99 Resp: 2387285

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	35.7	26.9	40.3

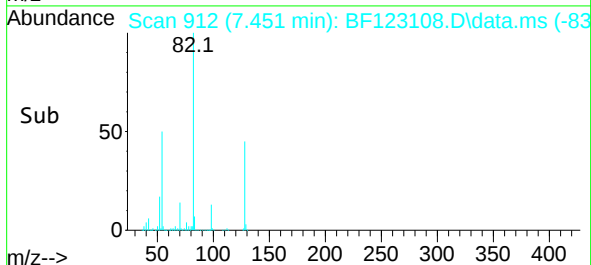
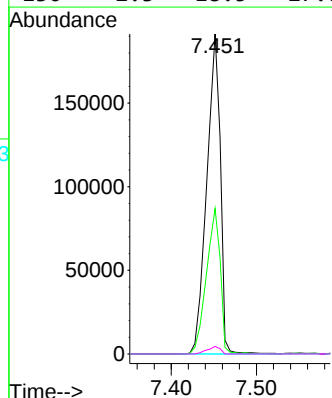


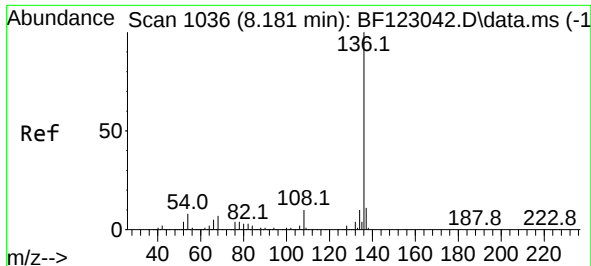
#19
n-Nitroso-di-n-propylamine
Concen: 14.49 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19



Tgt Ion: 70 Resp: 211857

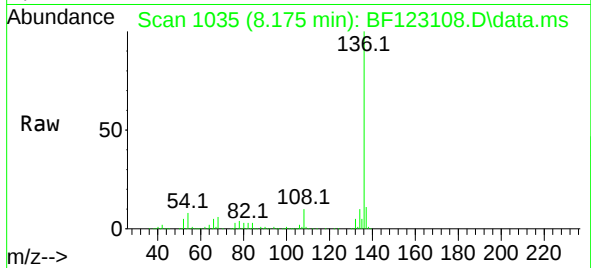
Ion	Ratio	Lower	Upper
70	100		
42	45.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#





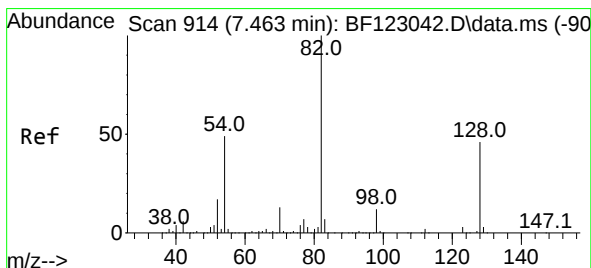
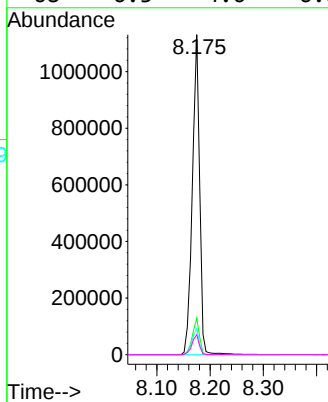
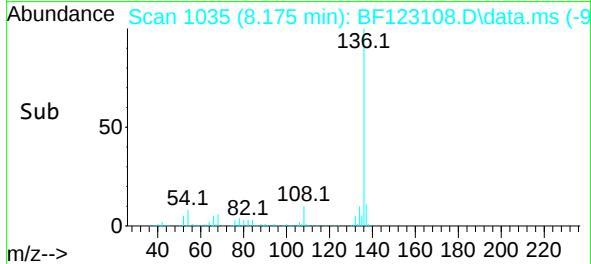
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Instrument :
BNA_F
ClientSampleId :
PB134405BL

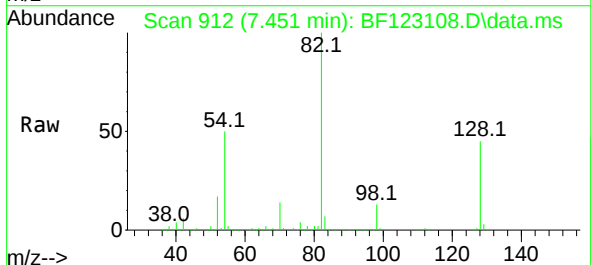


Tgt Ion:136 Resp: 1082317

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	5.5	8.3
68	6.3	4.6	6.8

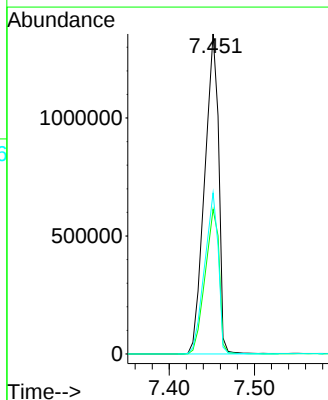
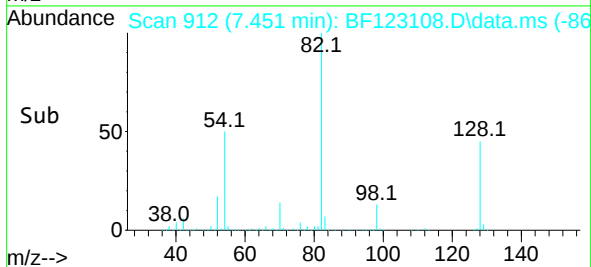


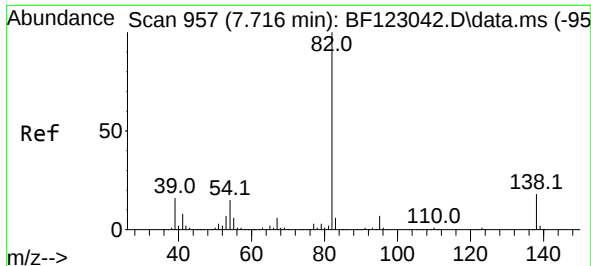
#23
Nitrobenzene-d5
Concen: 72.44 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19



Tgt Ion: 82 Resp: 1557855

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.4
54	50.3	38.4	57.6

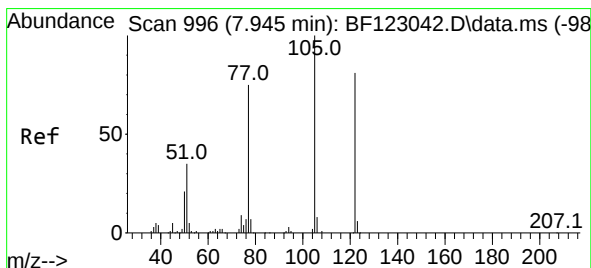
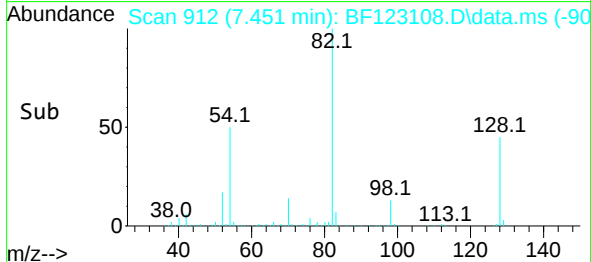
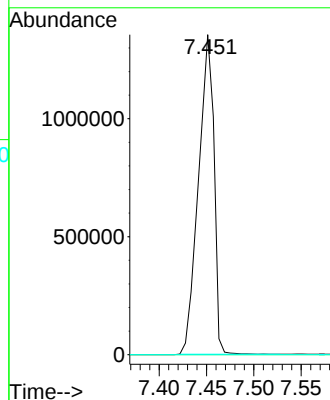
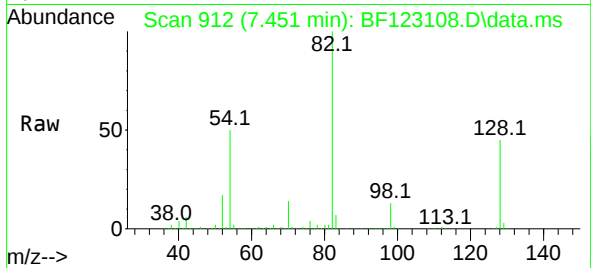




#25
Isophorone
Concen: 39.18 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

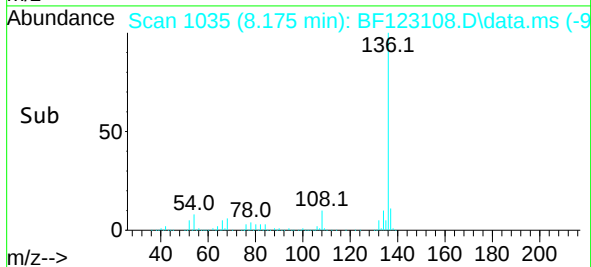
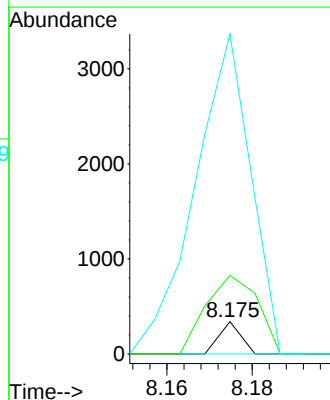
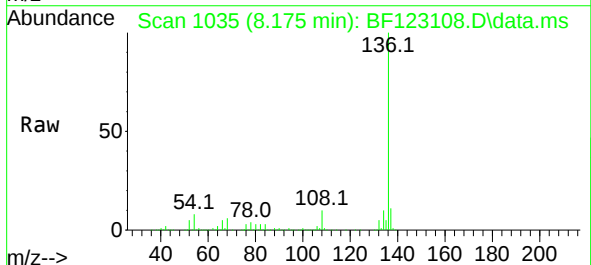
Instrument :
BNA_F
ClientSampleId :
PB134405BL

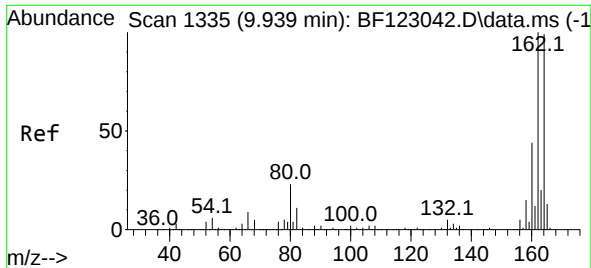
Tgt Ion: 82 Resp: 1543439
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Tgt Ion: 122 Resp: 120
Ion Ratio Lower Upper
122 100
105 242.9 104.8 144.8#
77 990.3 71.0 111.0#

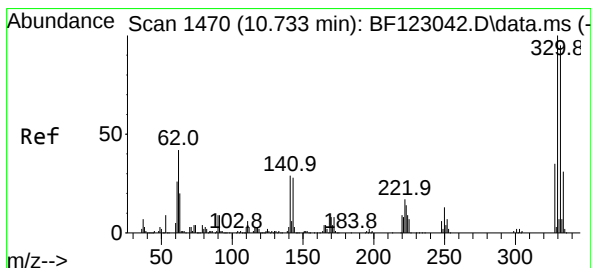
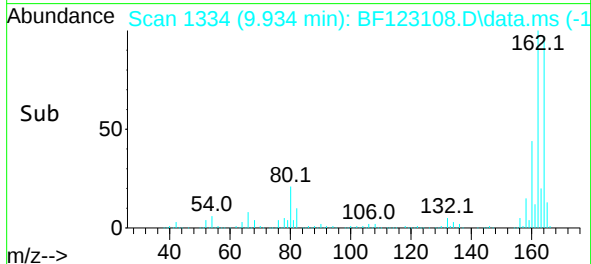
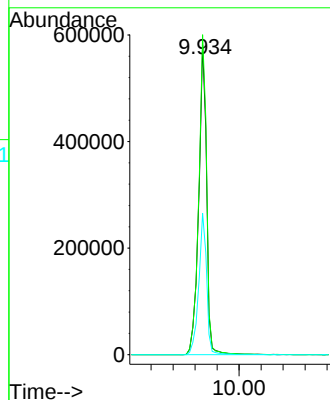
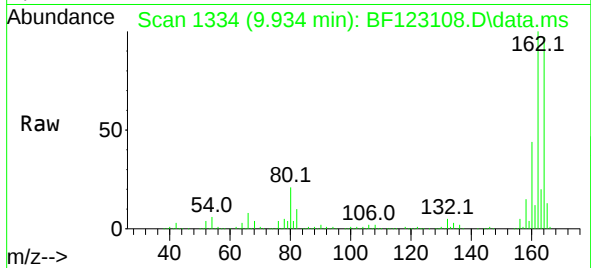




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

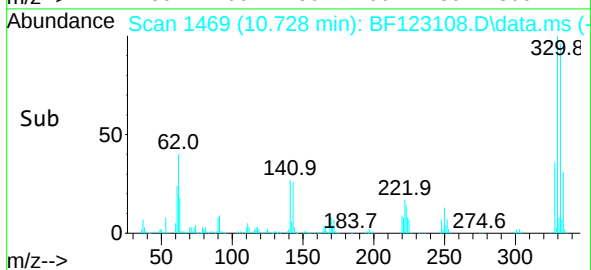
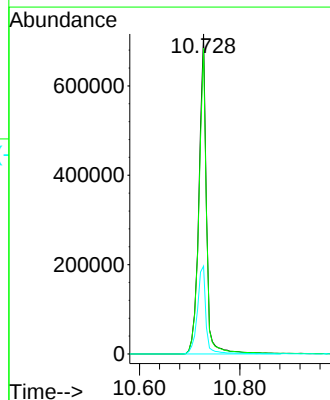
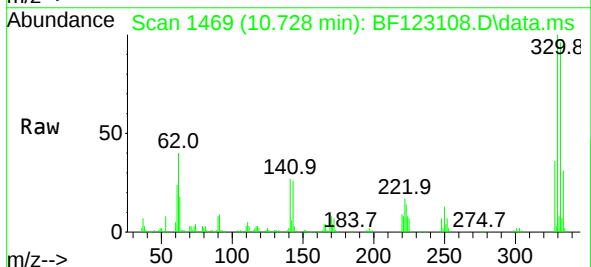
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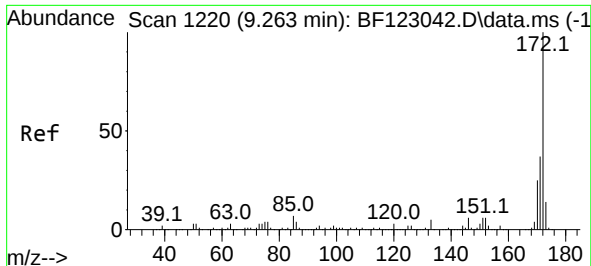
Tgt Ion:164 Resp: 582559
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 117.40 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Tgt Ion:330 Resp: 742443
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 31.6 23.8 35.8

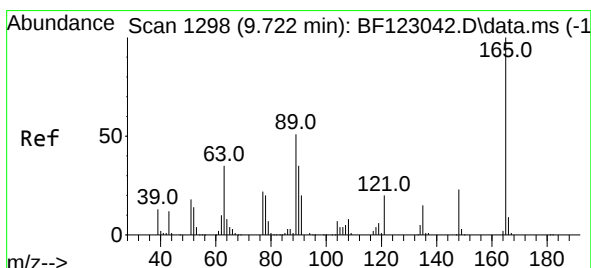
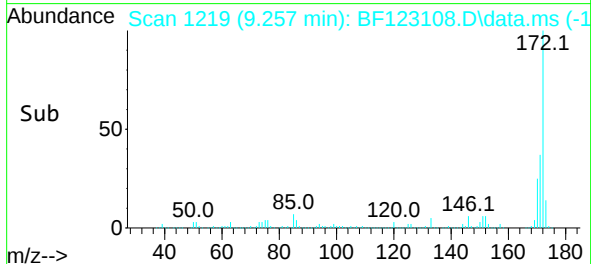
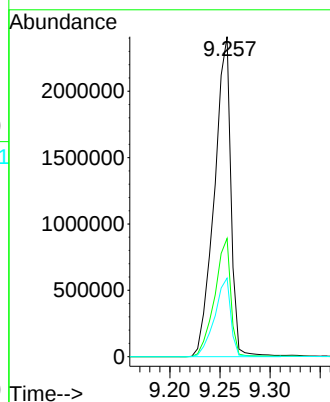
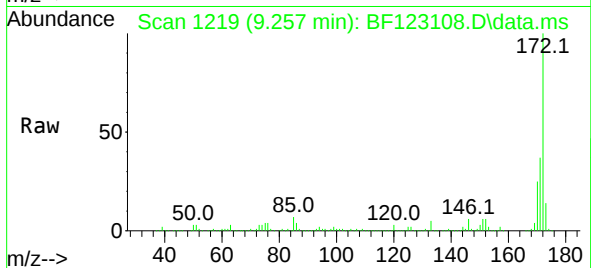




#45
2-Fluorobiphenyl
Concen: 70.53 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

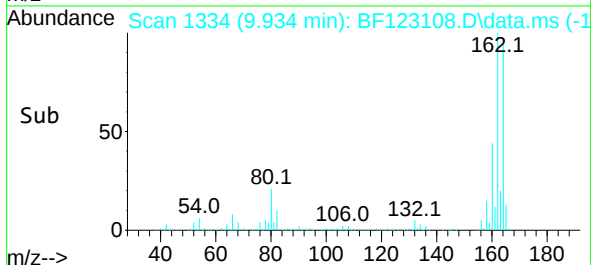
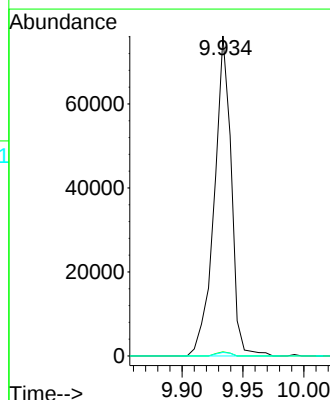
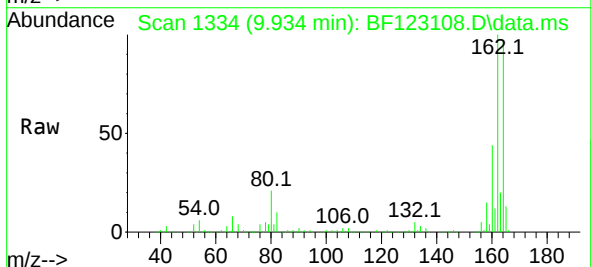
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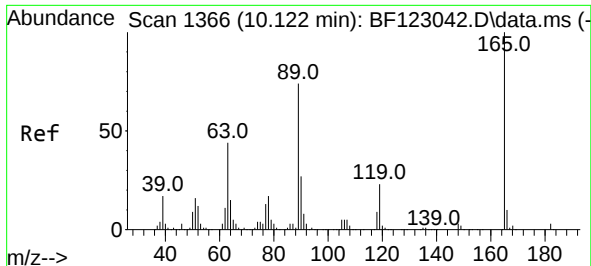
Tgt Ion:172 Resp: 2763852
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.6 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Tgt Ion:165 Resp: 73932
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.1 39.4 59.0#

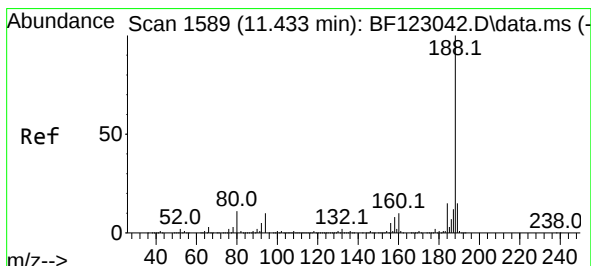
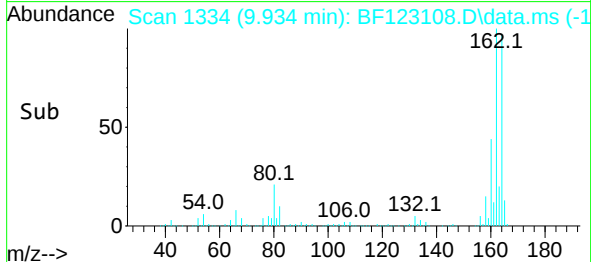
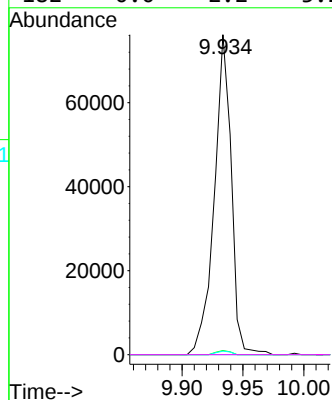
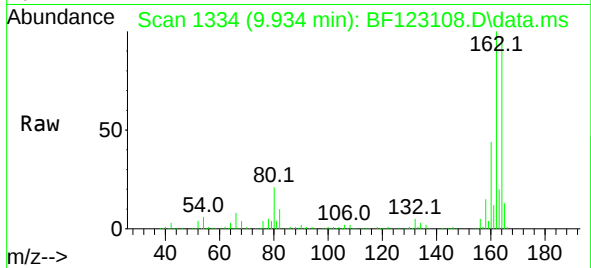




#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

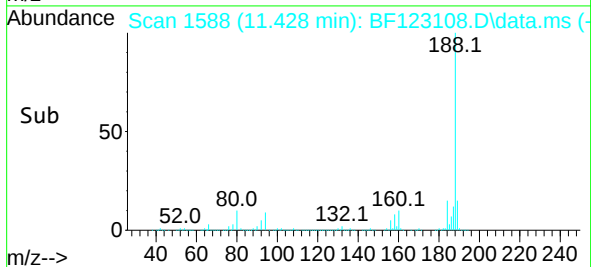
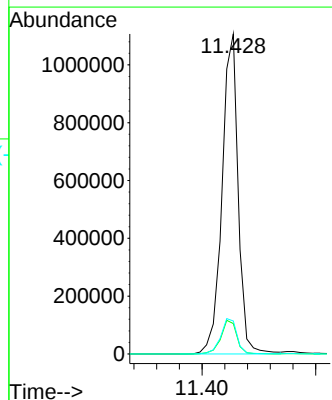
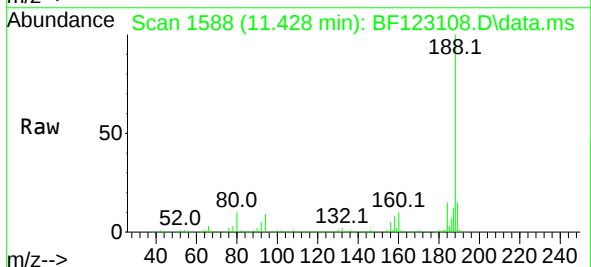
Instrument :
BNA_F
ClientSampleId :
PB134405BL

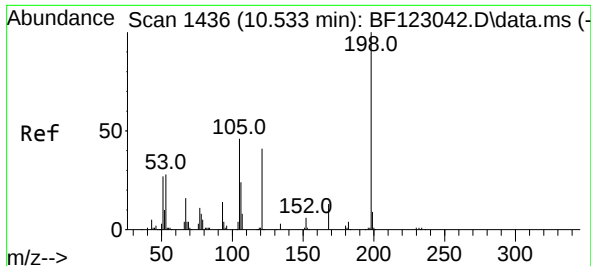
Tgt Ion:165 Resp: 73932
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Tgt Ion:188 Resp: 1092282
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.2 12.4

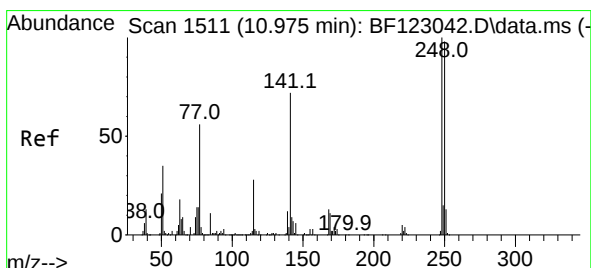
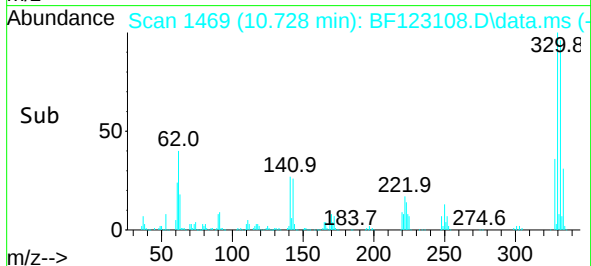
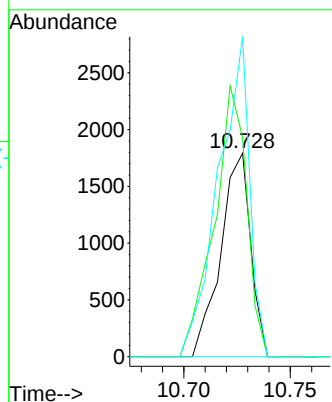
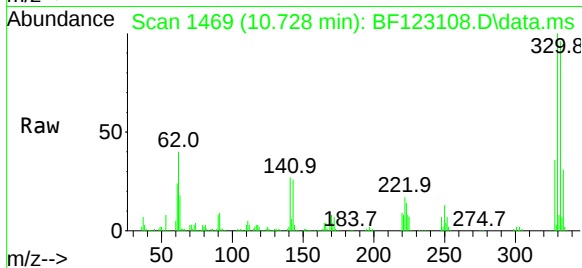




#65
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

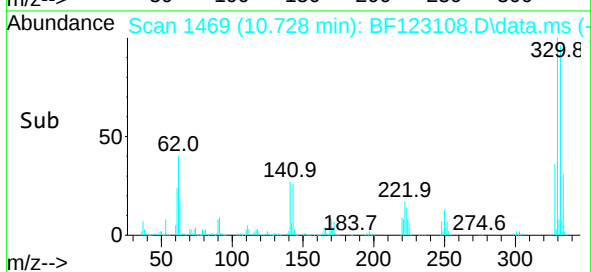
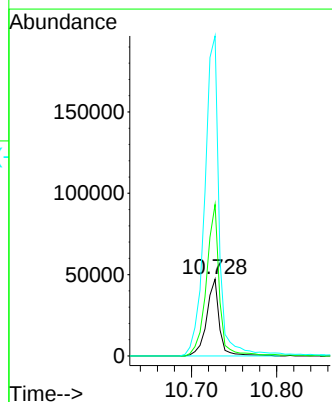
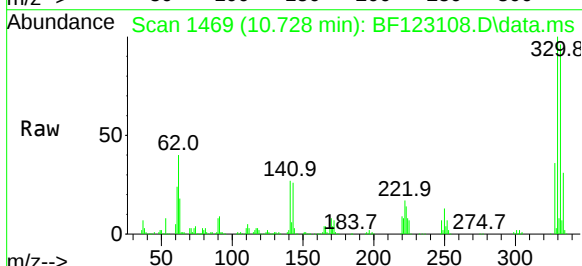
Instrument :
BNA_F
ClientSampleId :
PB134405BL

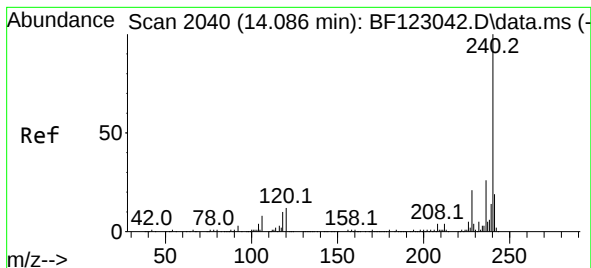
Tgt Ion:198 Resp: 1758
Ion Ratio Lower Upper
198 100
51 107.7 20.3 60.3#
105 157.2 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

Tgt Ion:248 Resp: 48799
Ion Ratio Lower Upper
248 100
250 197.4 76.8 115.2#
141 416.9 59.8 89.8#

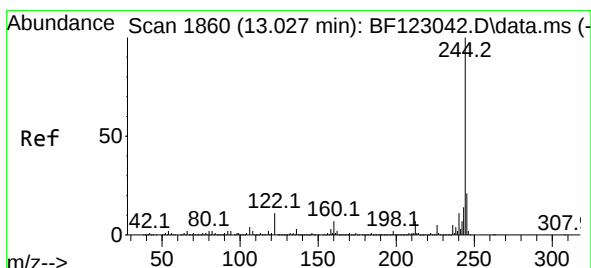
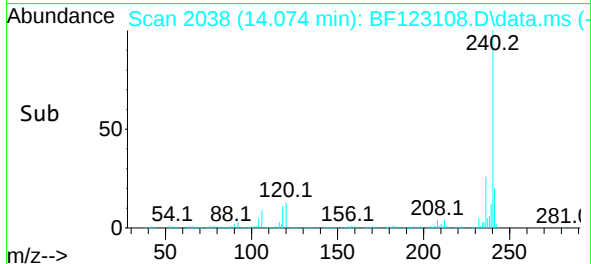
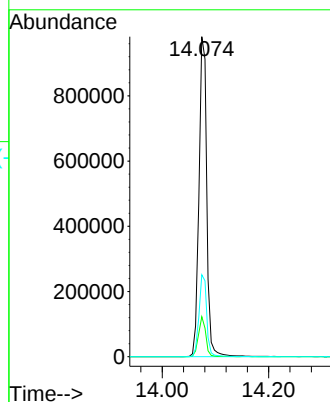
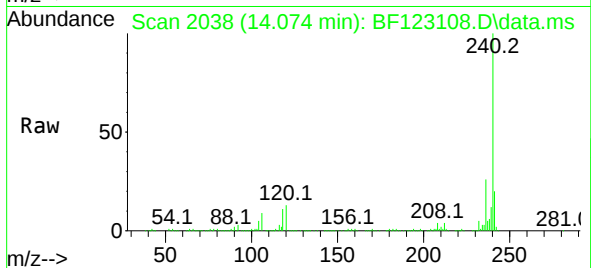




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

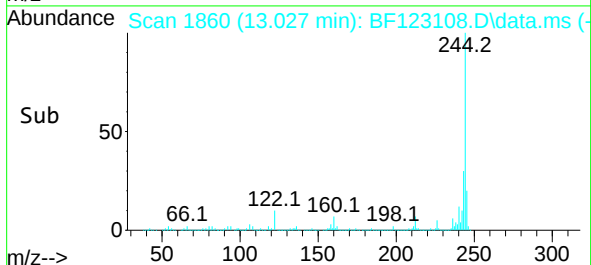
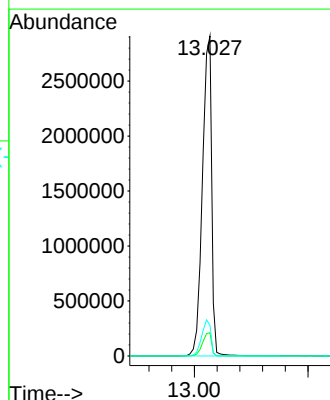
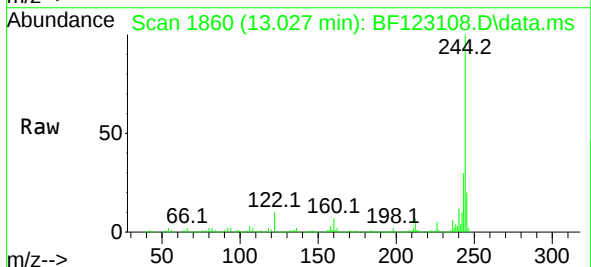
Instrument :
BNA_F
ClientSampleId :
PB134405BL

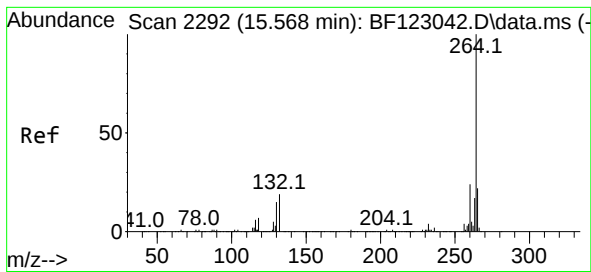
Tgt Ion:240 Resp: 998291
Ion Ratio Lower Upper
240 100
120 12.5 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 64.66 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123108.D
Acq: 4 Feb 2021 11:19

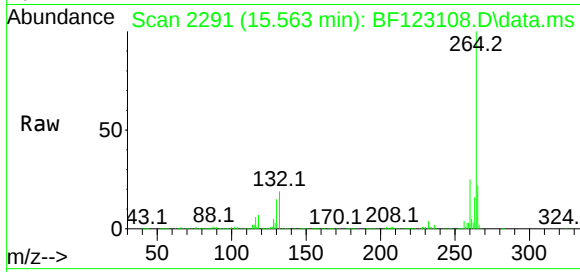
Tgt Ion:244 Resp: 3285470
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123108.D
 Acq: 4 Feb 2021 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB134405BL



Tgt Ion:264 Resp: 838683

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.7	17.0	25.6

