

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123086.D
 Acq On : 29 Jan 2021 17:13
 Operator : JU/CG
 Sample : M1270-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP2

Quant Time: Jan 29 22:36:31 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)

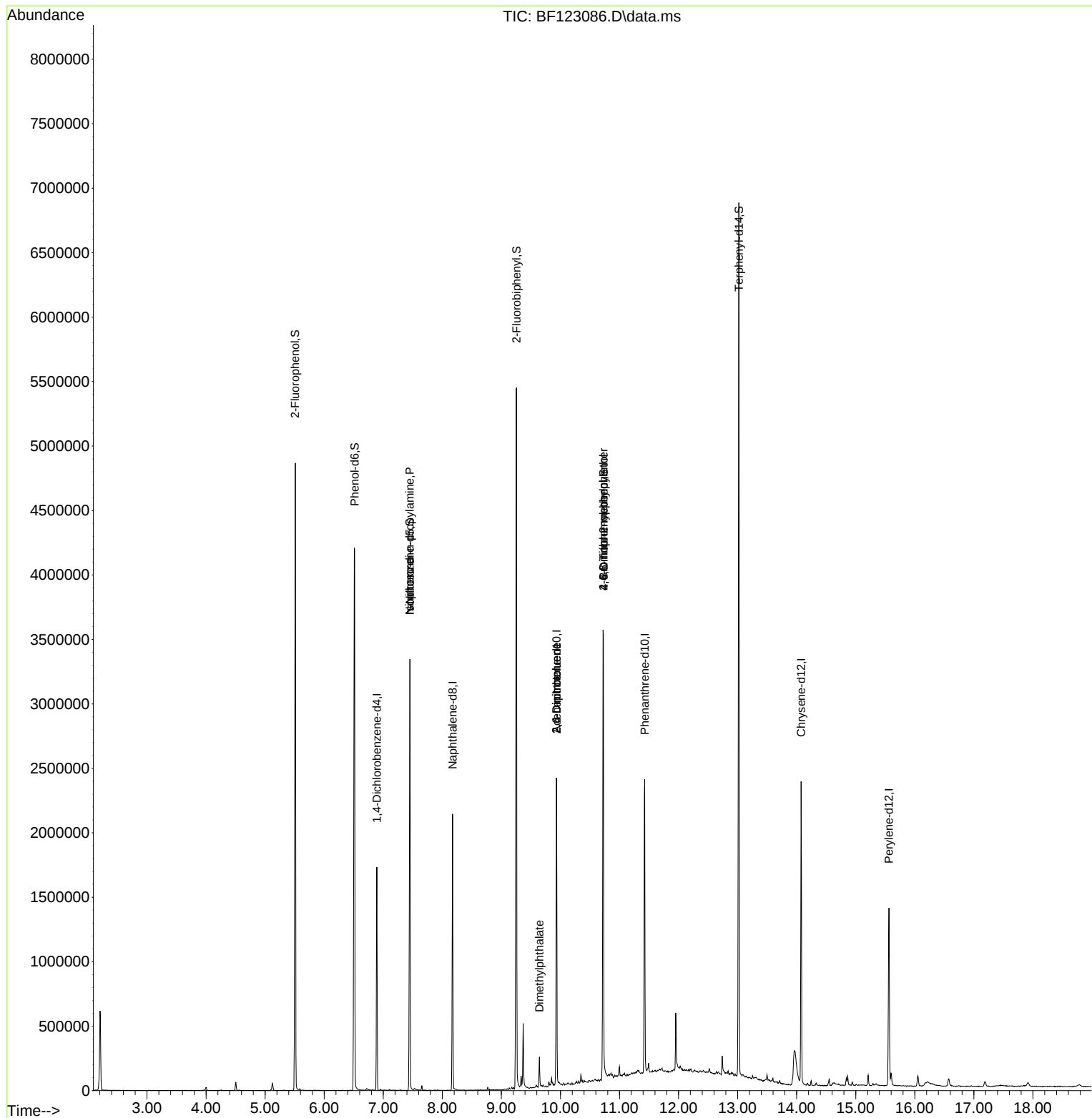
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	239219	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	919780	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	492858	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	885818	20.00	ng	0.00
76) Chrysene-d12	14.074	240	773171	20.00	ng	-0.01
86) Perylene-d12	15.562	264	618711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1436013	92.60	ng	0.00
7) Phenol-d6	6.516	99	1808720	86.05	ng	0.00
23) Nitrobenzene-d5	7.451	82	1133316	62.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	508455	95.03	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1990937	60.05	ng	0.00
79) Terphenyl-d14	13.021	244	2212712	56.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	149160	11.80	ng	Qvalue # 80
25) Isophorone	7.451	82	1130371	33.77	ng	# 65
50) Dimethylphthalate	9.645	163	81035	2.10	ng	99
51) 2,6-Dinitrotoluene	9.933	165	64296	7.81	ng	# 32
57) 2,4-Dinitrotoluene	9.933	165	64736	6.04	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1138	5.18	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	33290	2.95	ng	# 1

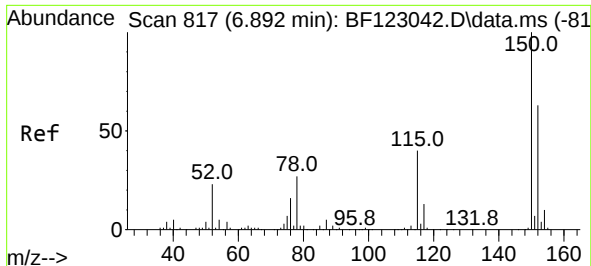
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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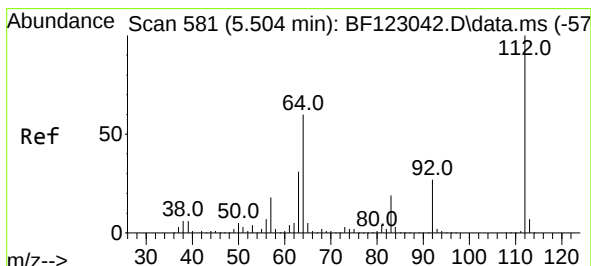
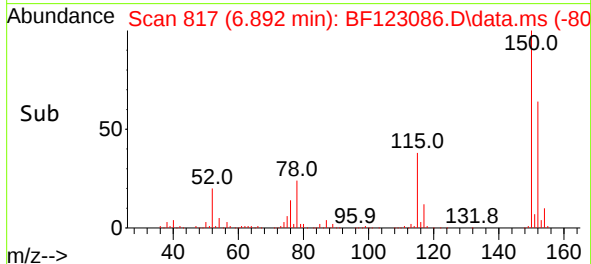
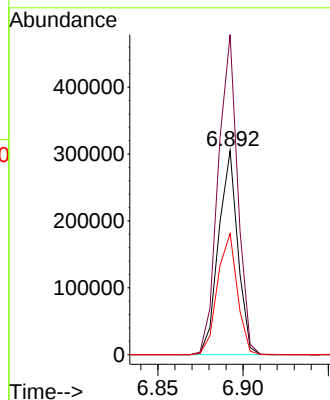
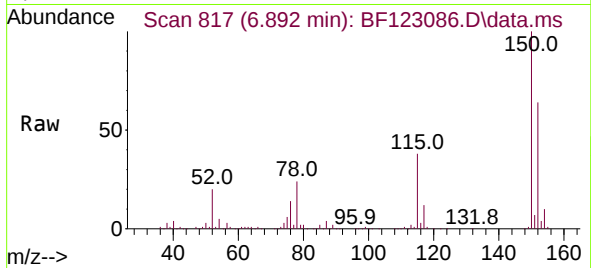




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

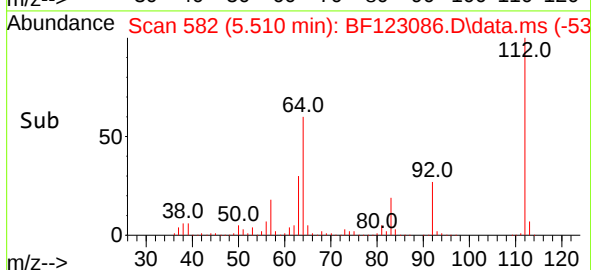
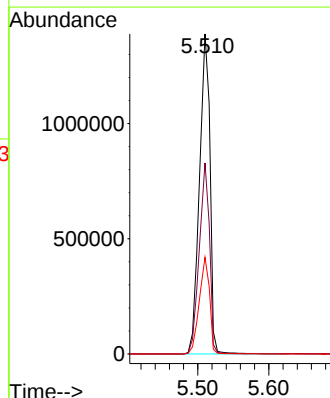
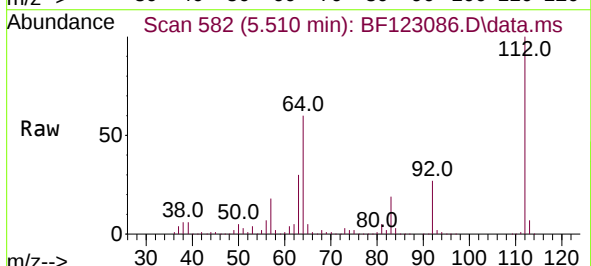
Instrument :
BNA_F
ClientSampled :
RS-SP2

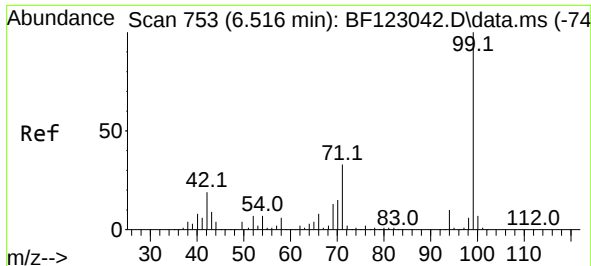
Tgt Ion:152 Resp: 239219
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 59.4 49.3 73.9



#5
2-Fluorophenol
Concen: 92.60 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion:112 Resp: 1436013
Ion Ratio Lower Upper
112 100
64 59.7 46.9 70.3
63 30.2 24.5 36.7

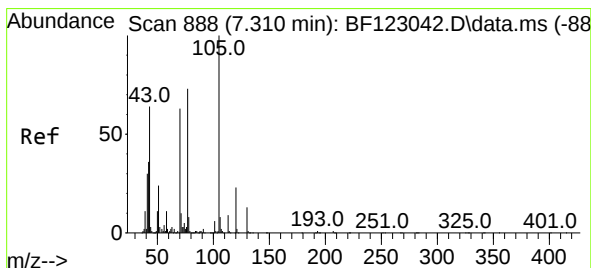
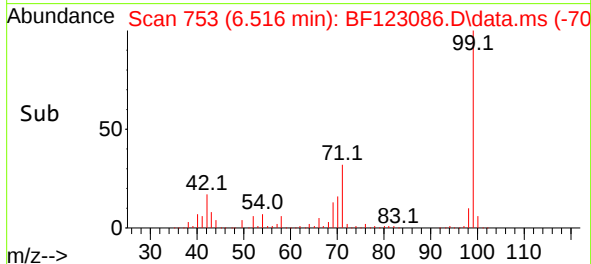
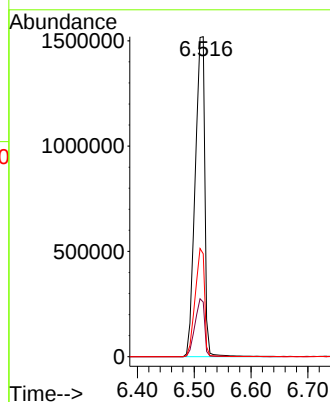
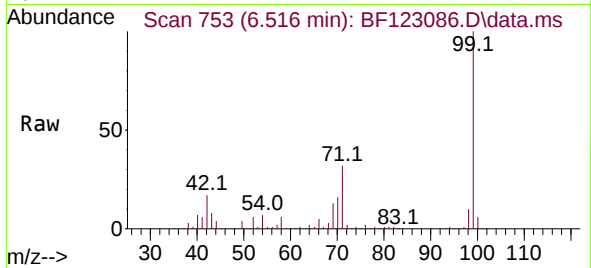




#7
Phenol-d6
Concen: 86.05 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

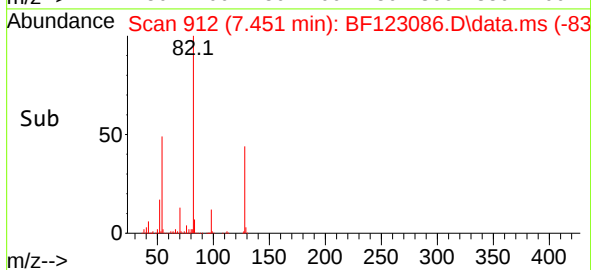
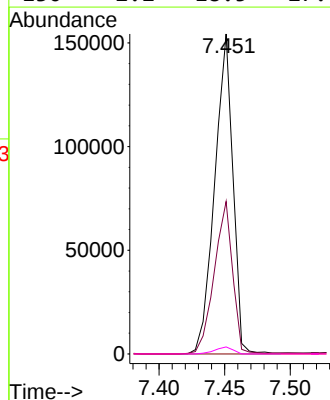
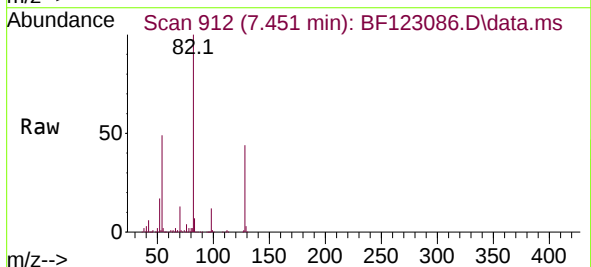
Instrument :
BNA_F
ClientSampleId :
RS-SP2

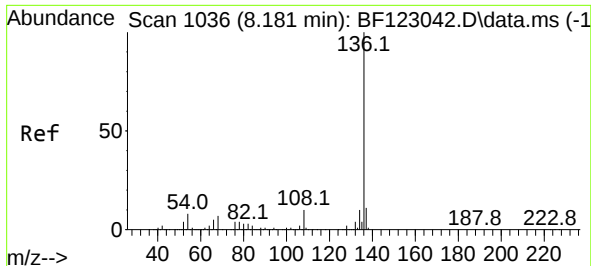
Tgt Ion: 99 Resp: 1808720
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.6
71 32.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.80 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion: 70 Resp: 149160
Ion Ratio Lower Upper
70 100
42 47.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



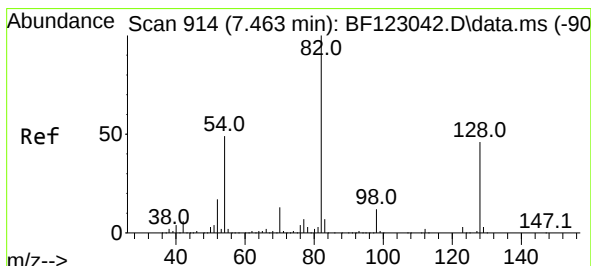
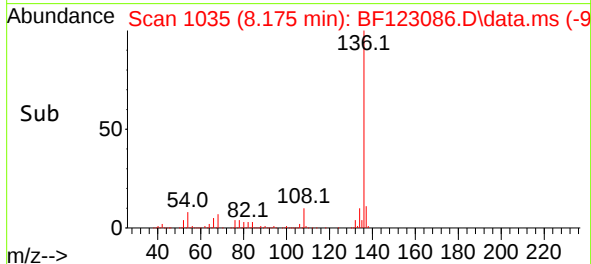
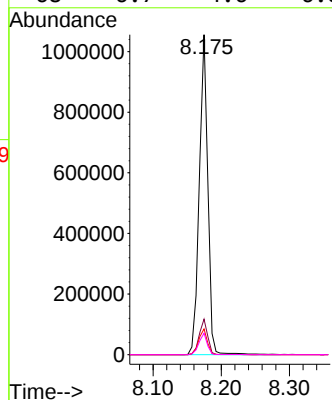
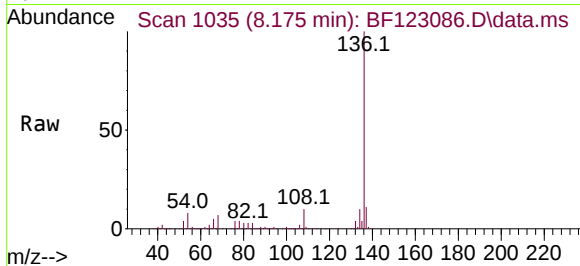


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Instrument :
BNA_F
ClientSampleId :
RS-SP2

Tgt Ion:136 Resp: 919780

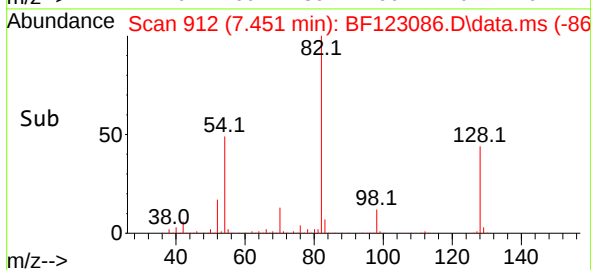
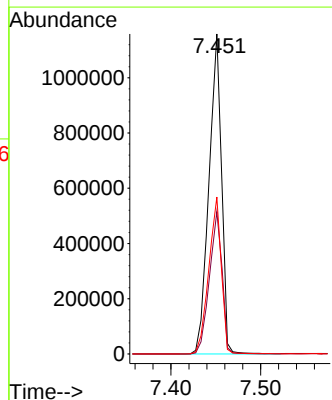
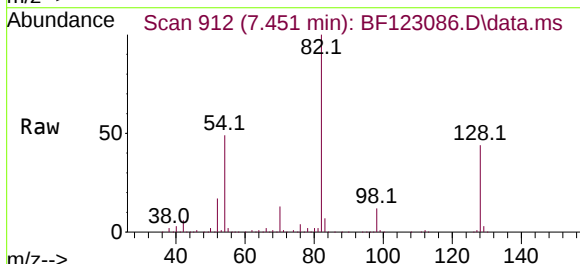
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	5.5	8.3
68	6.7	4.6	6.8

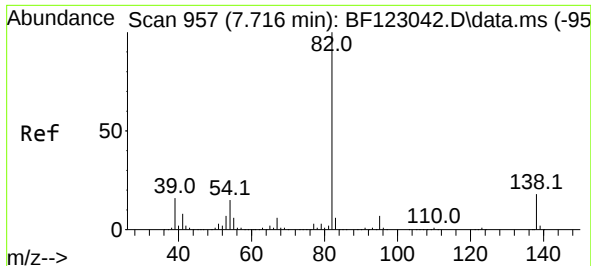


#23
Nitrobenzene-d5
Concen: 62.01 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion: 82 Resp: 1133316

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.4
54	49.0	38.4	57.6

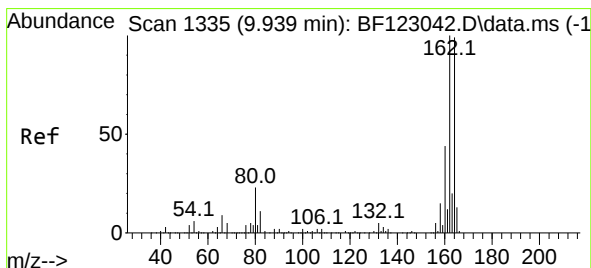
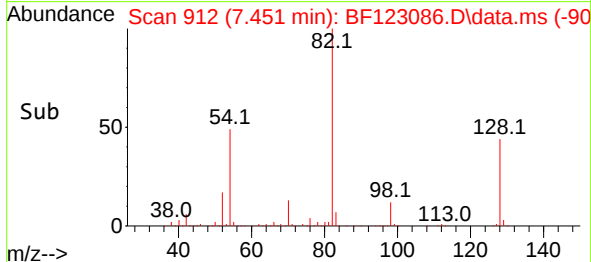
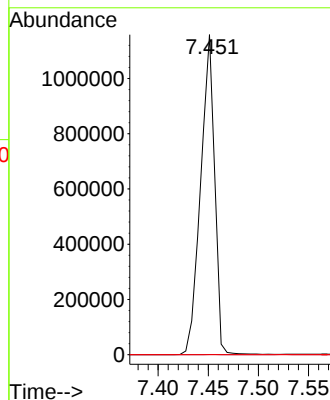
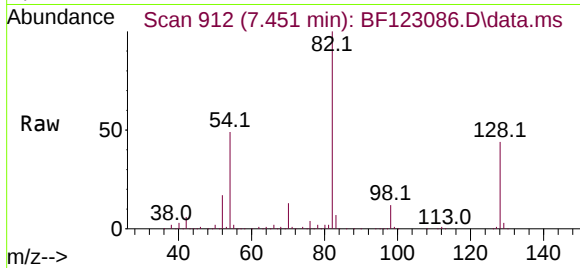




#25
Isophorone
Concen: 33.77 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

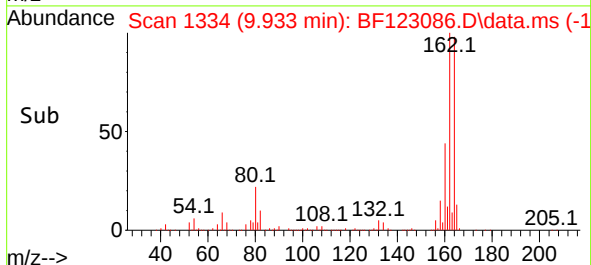
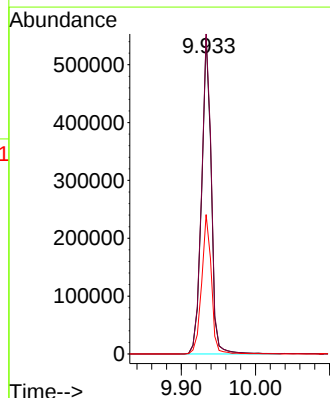
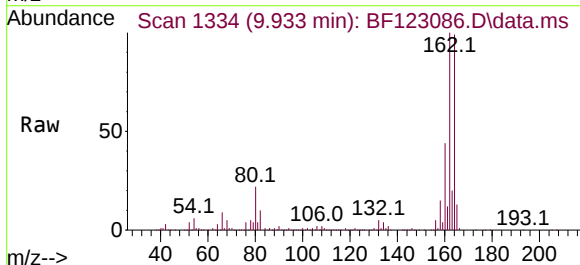
Instrument :
BNA_F
ClientSampleId :
RS-SP2

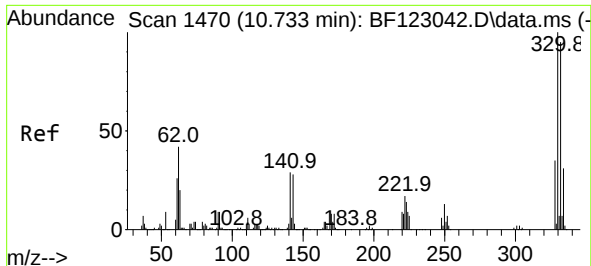
Tgt Ion: 82 Resp: 1130371
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion: 164 Resp: 492858
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 44.0 35.4 53.0

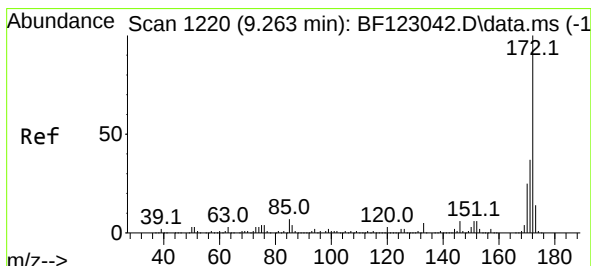
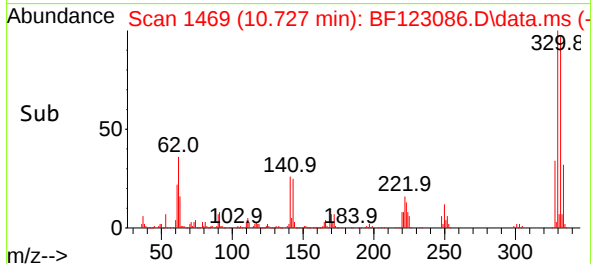
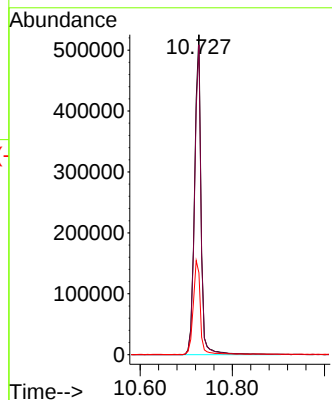
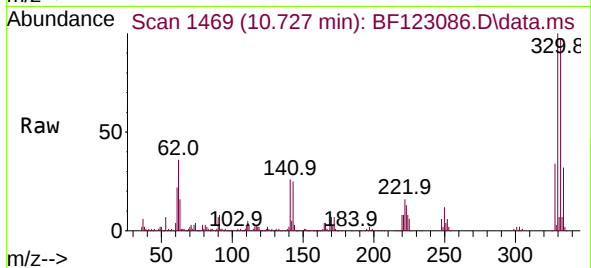




#42
2,4,6-Tribromophenol
Concen: 95.03 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

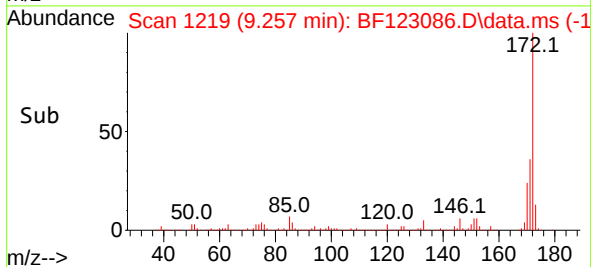
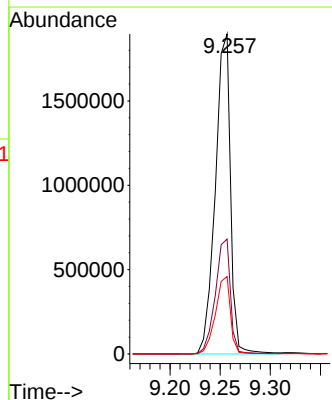
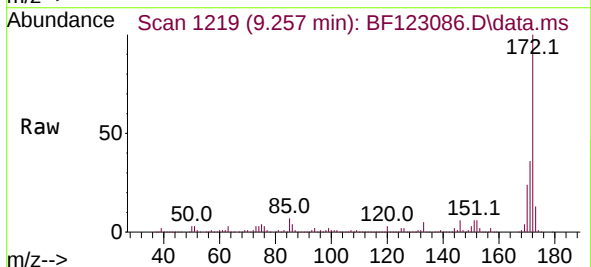
Instrument :
BNA_F
ClientSampleId :
RS-SP2

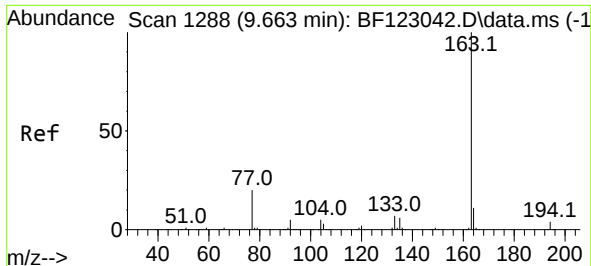
Tgt Ion:330 Resp: 508455
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 32.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 60.05 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion:172 Resp: 1990937
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.2 19.5 29.3

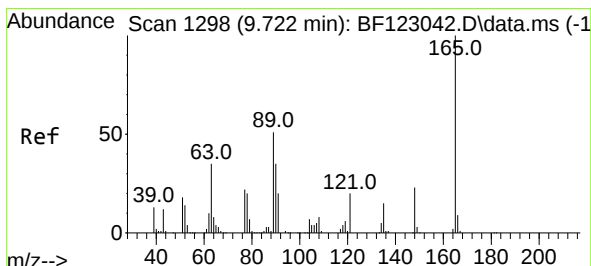
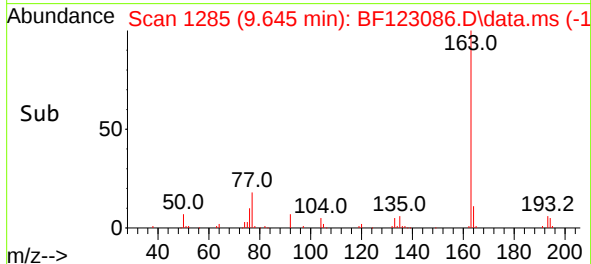
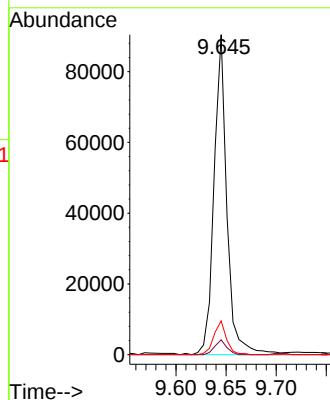
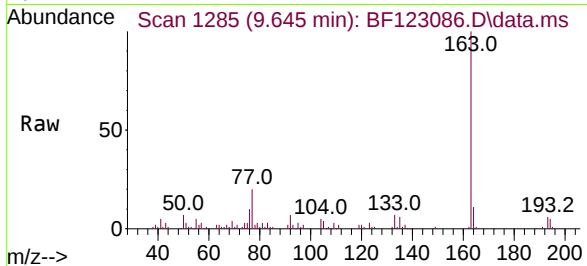




#50
Dimethylphthalate
Concen: 2.10 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

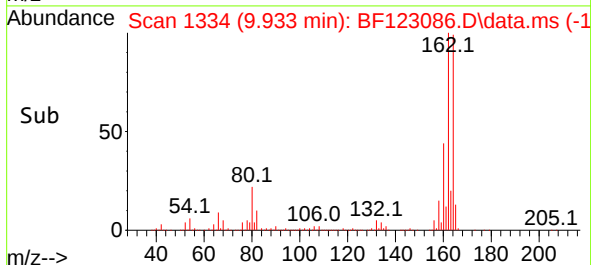
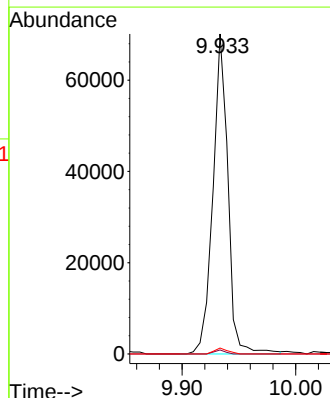
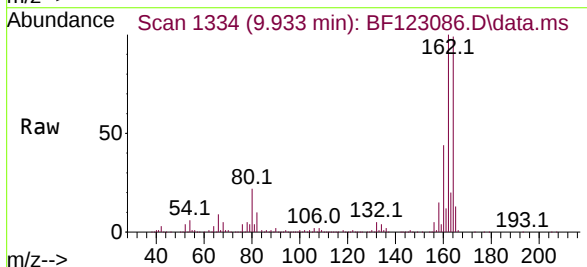
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RS-SP2

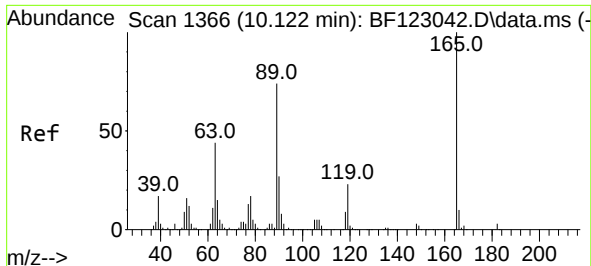
Tgt Ion:163 Resp: 81035
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 10.6 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion:165 Resp: 64296
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.8 39.4 59.0#

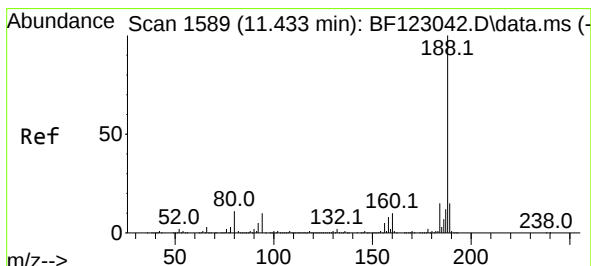
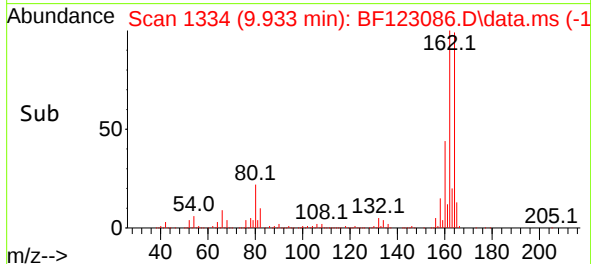
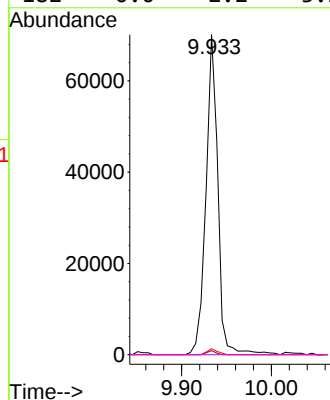
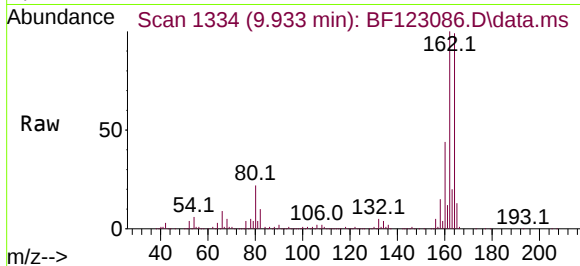




#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

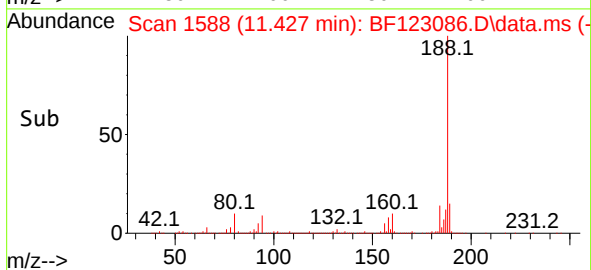
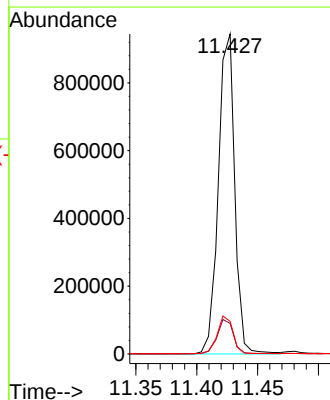
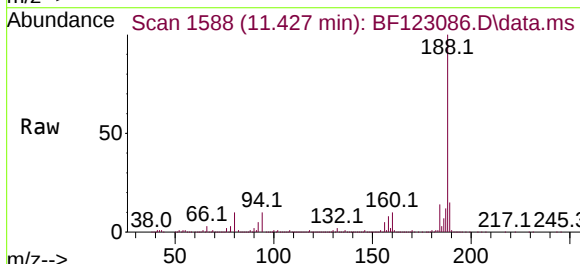
Instrument :
BNA_F
ClientSampled :
RS-SP2

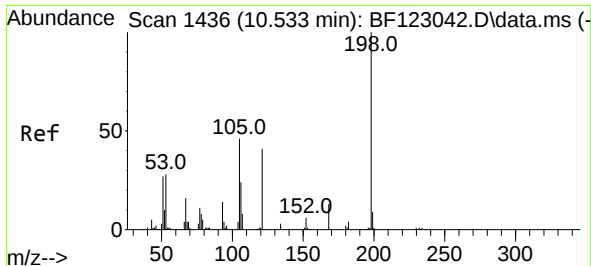
Tgt Ion:165	Resp:	64736
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.8	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion:188	Resp:	885818
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.4 11.2
80	10.2	8.2 12.4

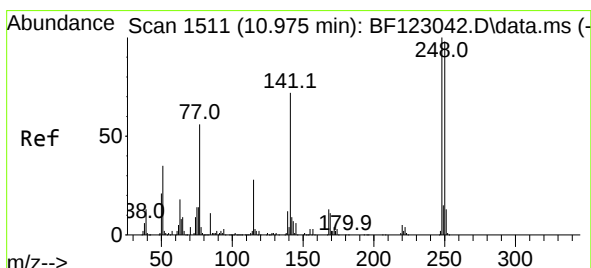
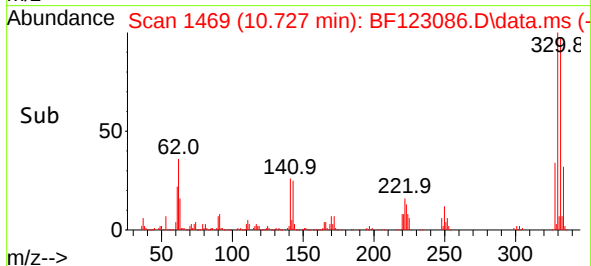
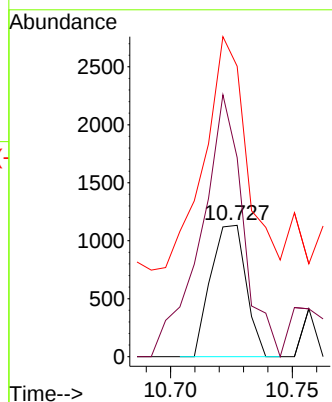
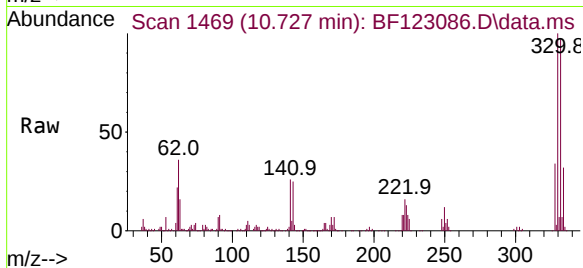




#65
4,6-Dinitro-2-methylphenol
Concen: 5.18 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

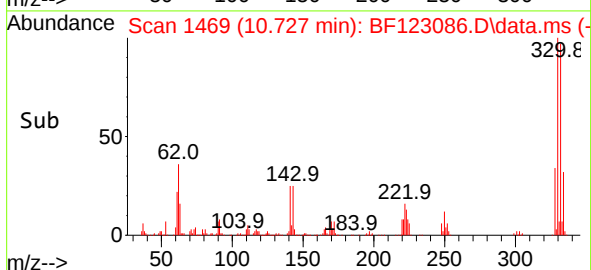
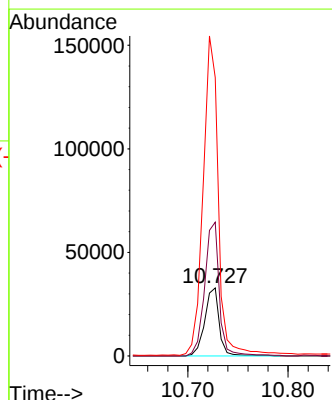
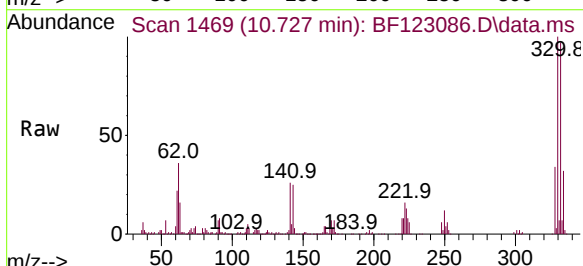
Instrument :
BNA_F
ClientSampled :
RS-SP2

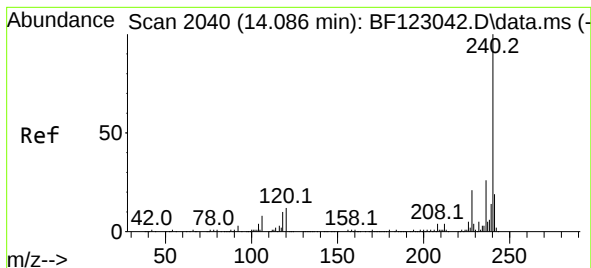
Tgt Ion:198 Resp: 1138
Ion Ratio Lower Upper
198 100
51 151.5 20.3 60.3#
105 221.1 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

Tgt Ion:248 Resp: 33290
Ion Ratio Lower Upper
248 100
250 196.7 76.8 115.2#
141 409.3 59.8 89.8#

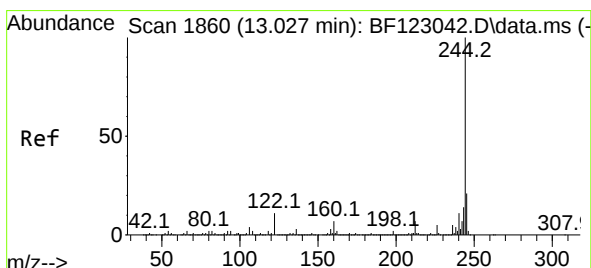
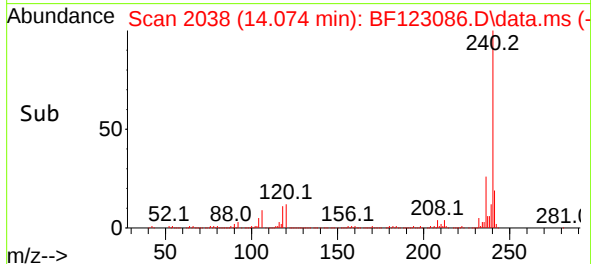
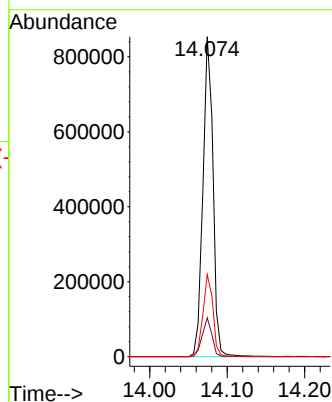
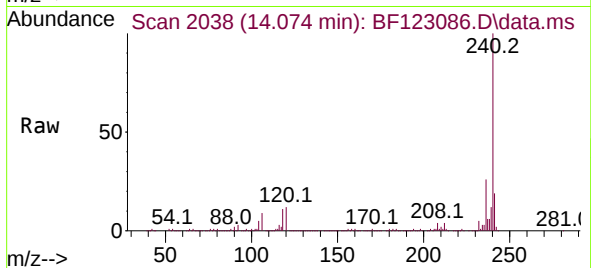




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

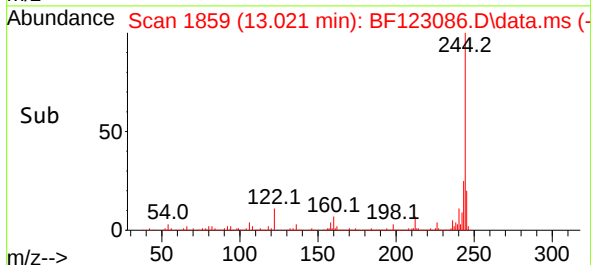
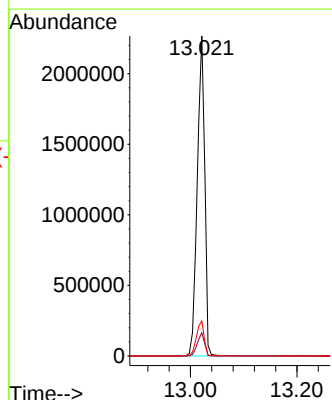
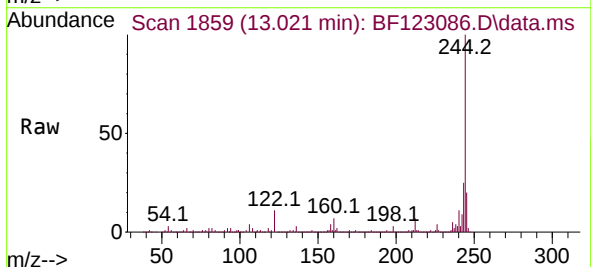
Instrument :
BNA_F
ClientSampled :
RS-SP2

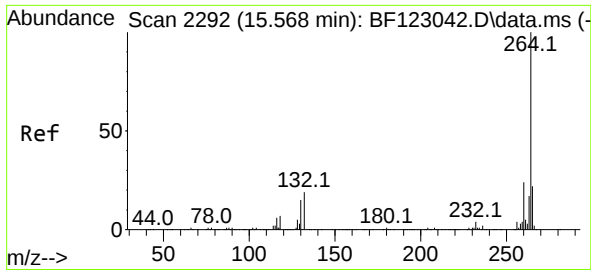
Tgt Ion:240 Resp: 773171
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 56.23 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123086.D
Acq: 29 Jan 2021 17:13

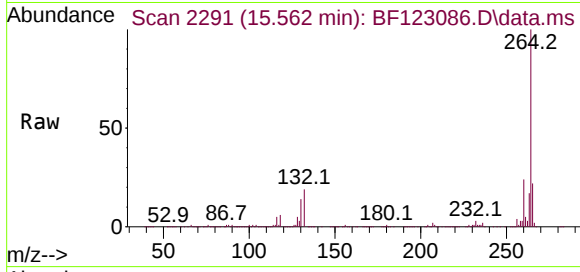
Tgt Ion:244 Resp: 2212712
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123086.D
 Acq: 29 Jan 2021 17:13

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP2



Tgt Ion:264 Resp: 618711
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.2 17.0 25.6

