

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123511.D
 Acq On : 29 Mar 2021 23:31
 Operator : JU/CG
 Sample : M1812-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 30 00:35:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

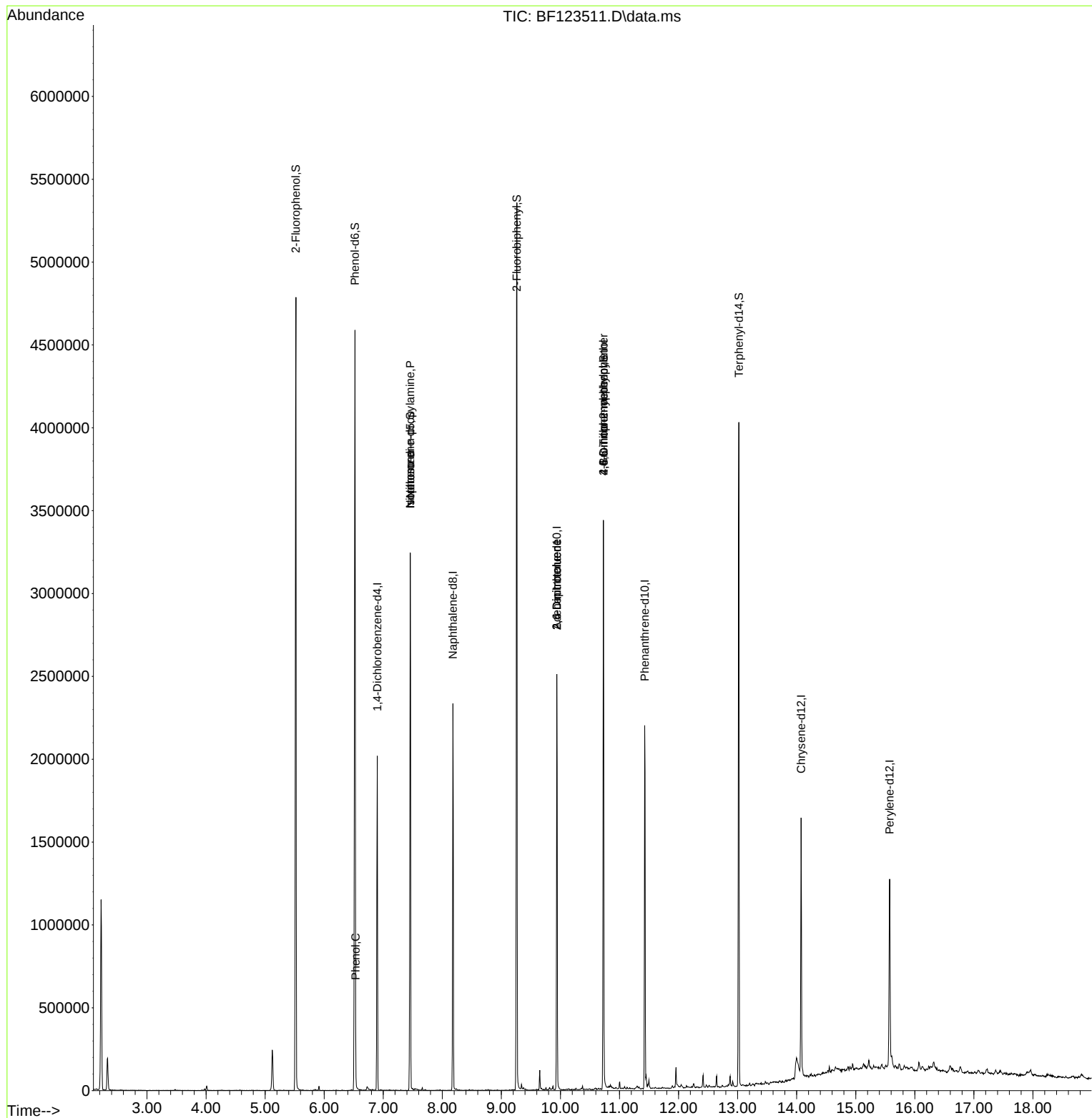
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	260541	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	942725	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	488455	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	804607	20.00	ng	0.00
76) Chrysene-d12	14.074	240	498682	20.00	ng	-0.01
86) Perylene-d12	15.574	264	546967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1194286	74.99	ng	0.00
7) Phenol-d6	6.522	99	1507796	71.12	ng	0.00
23) Nitrobenzene-d5	7.457	82	999182	57.20	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	407033	74.54	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	1663591	48.66	ng	0.00
79) Terphenyl-d14	13.022	244	1339344	45.52	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	3042	Below Cal	#	1
10) Phenol	6.534	94	44924	2.06	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	134743	9.83	ng	# 80
25) Isophorone	7.457	82	999163	26.61	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	63143	8.71	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	63143	6.98	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.728	198	1111	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	23744	2.49	ng	# 1

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

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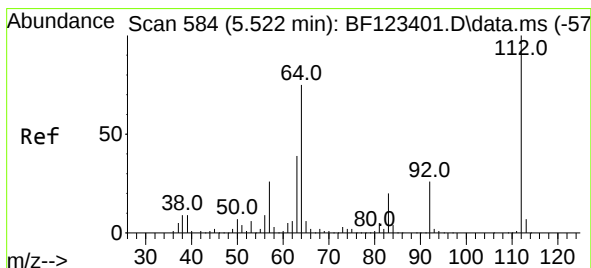
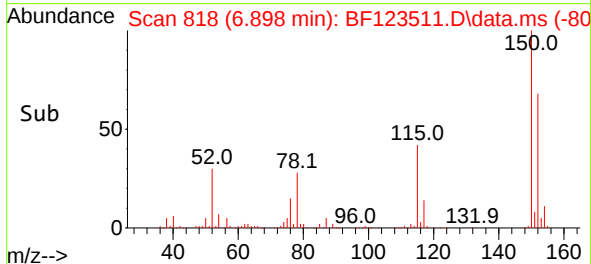
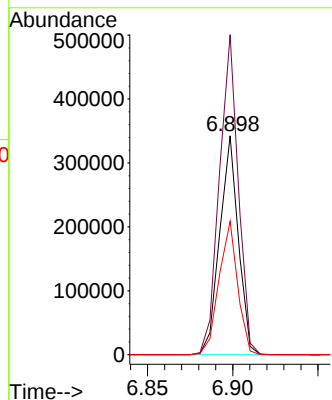
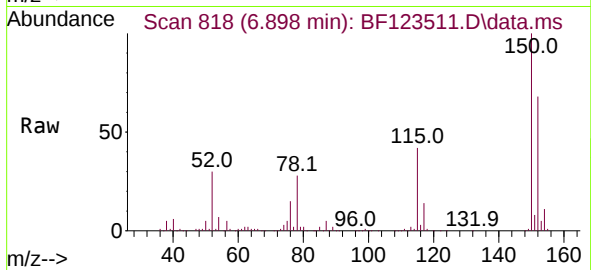




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

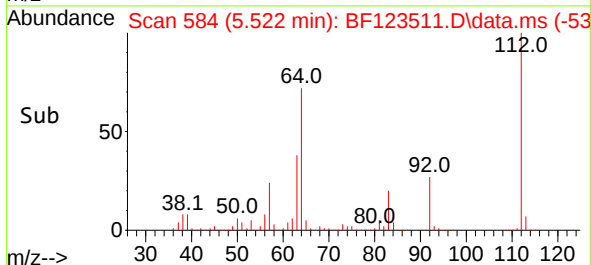
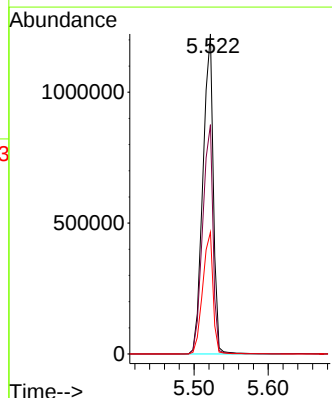
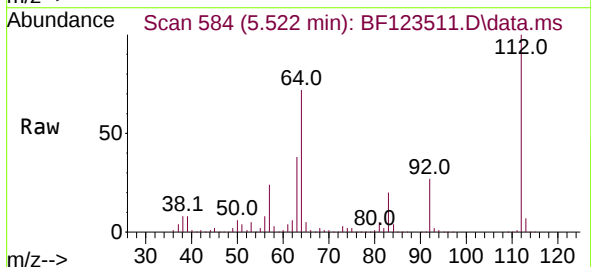
Instrument :
BNA_F
ClientSampleId :
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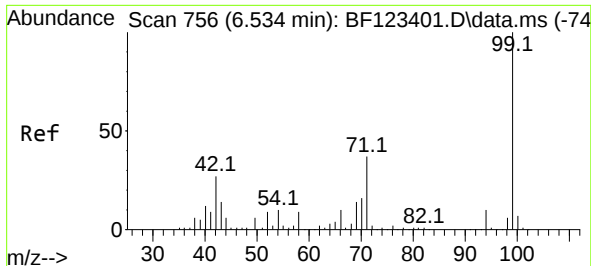
Tgt Ion:152 Resp: 260541
Ion Ratio Lower Upper
152 100
150 146.2 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 74.99 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion:112 Resp: 1194286
Ion Ratio Lower Upper
112 100
64 71.7 46.9 70.3#
63 38.0 24.5 36.7#

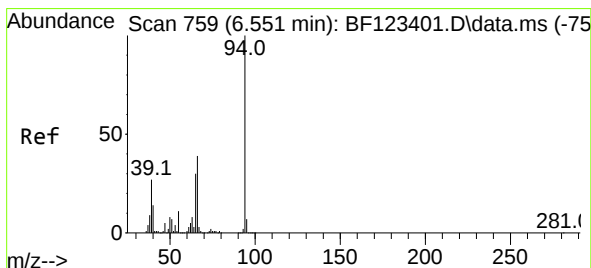
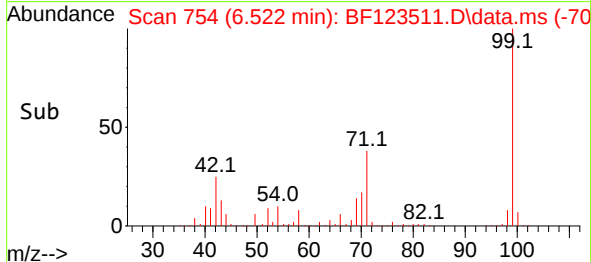
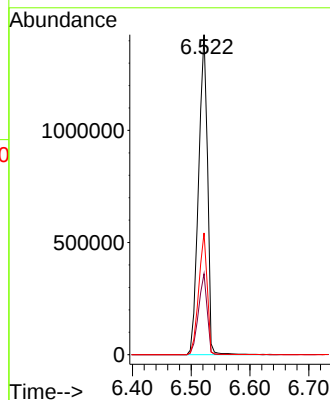
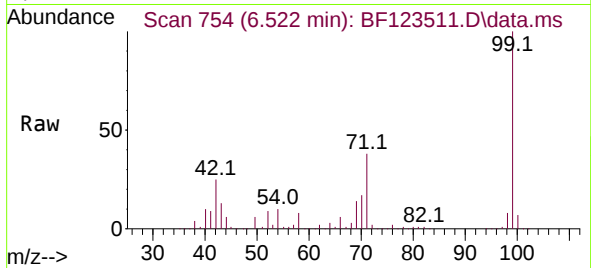




#7
Phenol-d6
Concen: 71.12 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

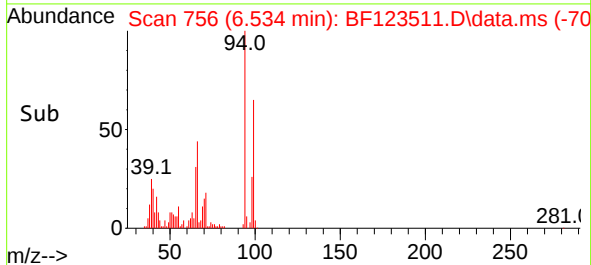
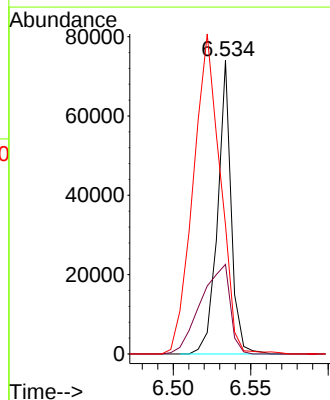
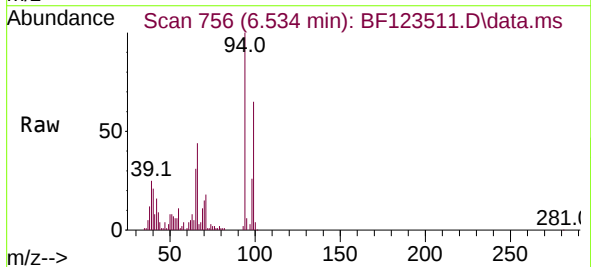
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ClientSampleId :
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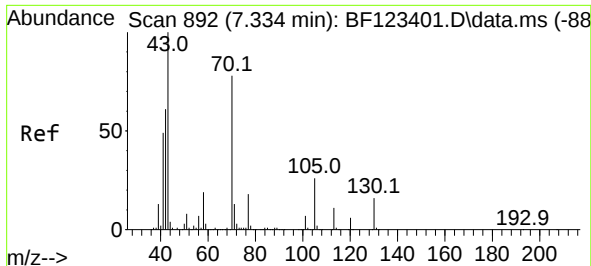
Tgt Ion: 99 Resp: 1507796
Ion Ratio Lower Upper
99 100
42 25.3 13.8 20.6#
71 38.1 26.9 40.3



#10
Phenol
Concen: 2.06 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion: 94 Resp: 44924
Ion Ratio Lower Upper
94 100
65 30.5 11.2 51.2
66 44.0 25.8 65.8

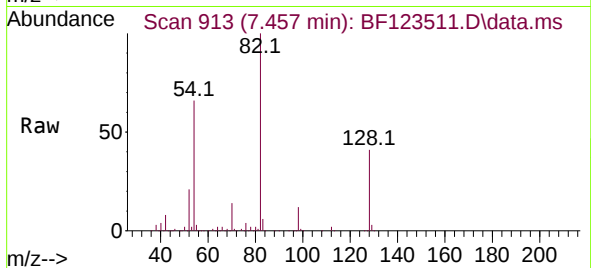




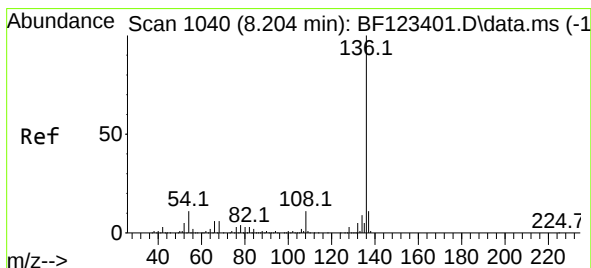
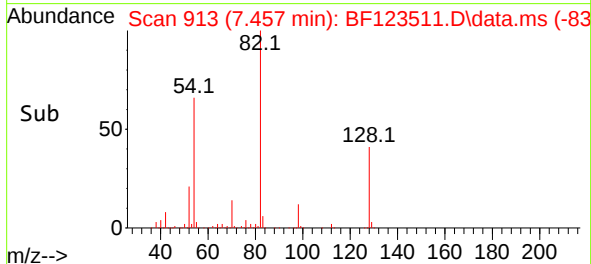
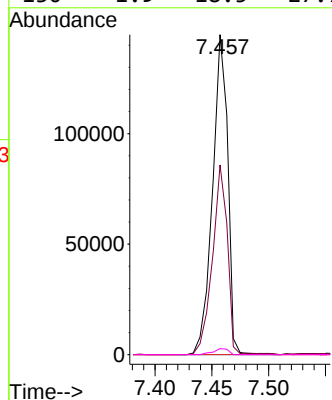
#19

n-Nitroso-di-n-propylamine
 Concen: 9.83 ng
 RT: 7.457 min Scan# 913
 Delta R.T. 0.141 min
 Lab File: BF123511.D
 Acq: 29 Mar 2021 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

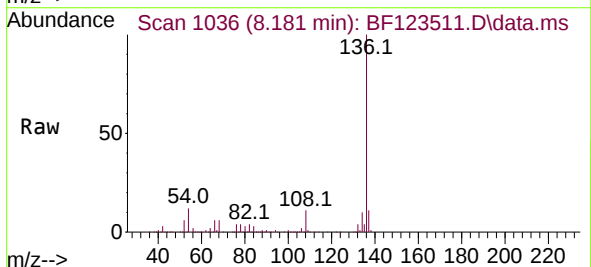


Tgt Ion:	70	Resp:	134743
Ion Ratio	100	Lower	Upper
42	59.3	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

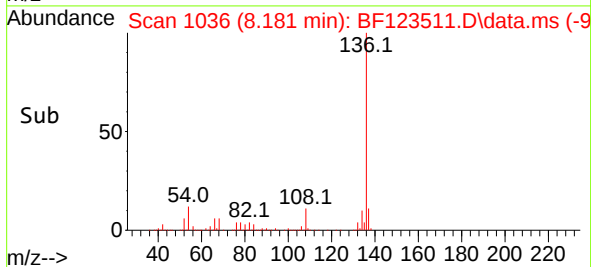
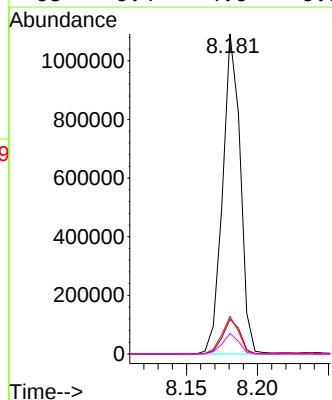


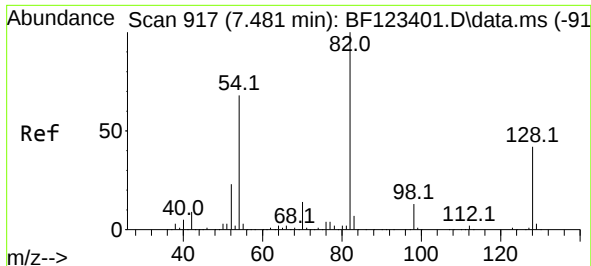
#21

Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.181 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: BF123511.D
 Acq: 29 Mar 2021 23:31



Tgt Ion:	136	Resp:	942725
Ion Ratio	100	Lower	Upper
137	10.8	8.8	13.2
54	11.7	5.5	8.3#
68	6.4	4.6	6.8

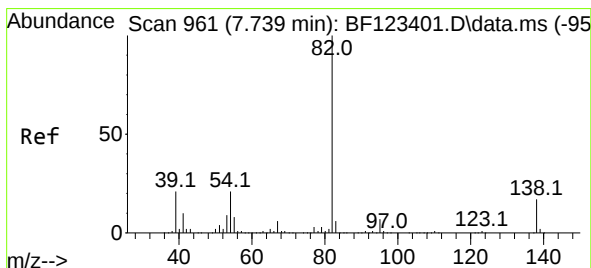
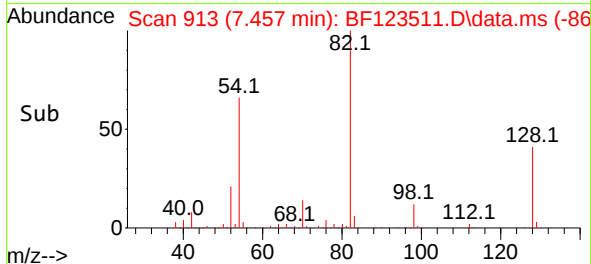
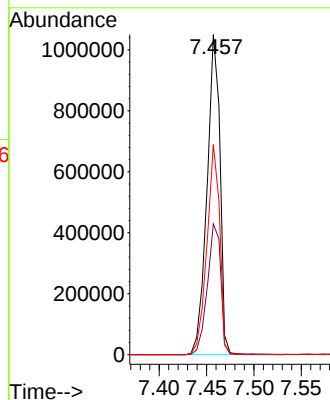
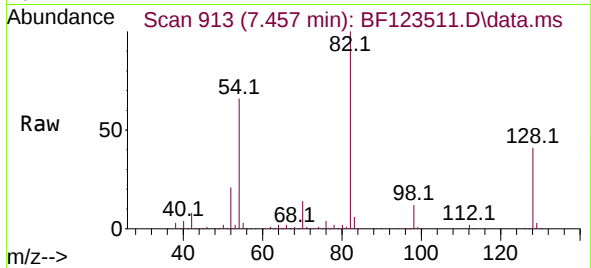




#23
Nitrobenzene-d5
Concen: 57.20 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

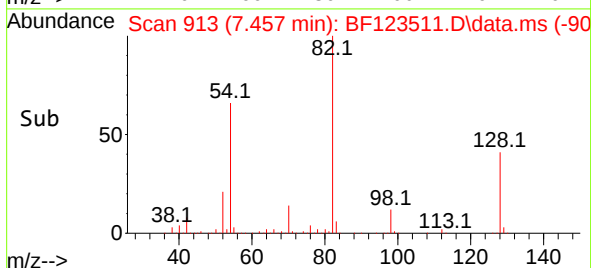
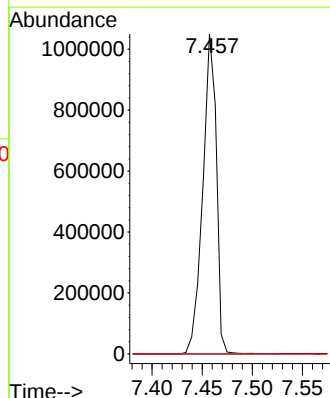
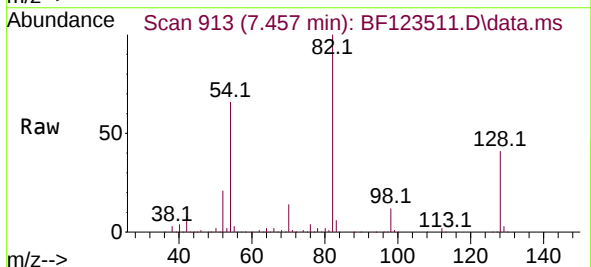
Instrument :
BNA_F
ClientSampleId :
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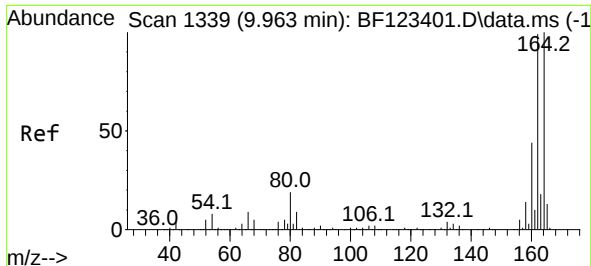
Tgt Ion: 82 Resp: 999182
Ion Ratio Lower Upper
82 100
128 40.8 37.0 55.4
54 65.7 38.4 57.6#



#25
Isophorone
Concen: 26.61 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.264 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion: 82 Resp: 999163
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

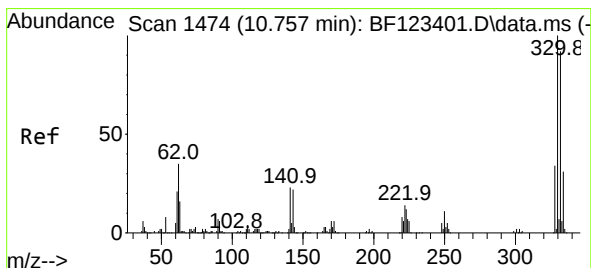
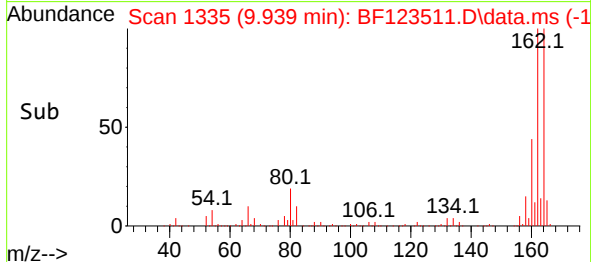
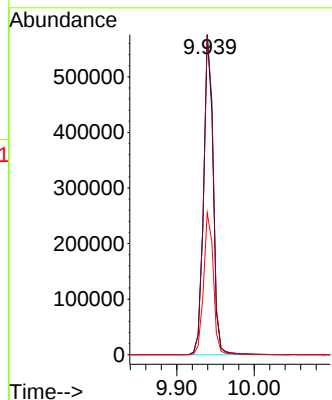
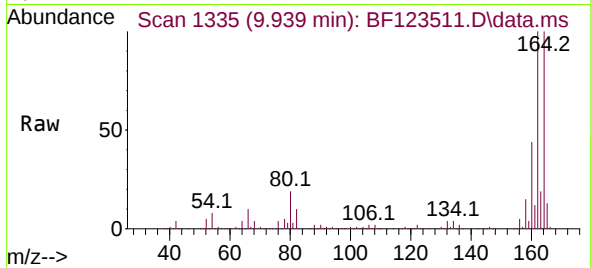




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

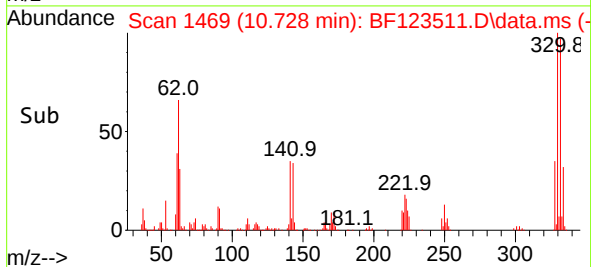
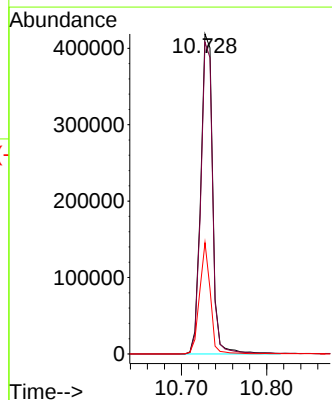
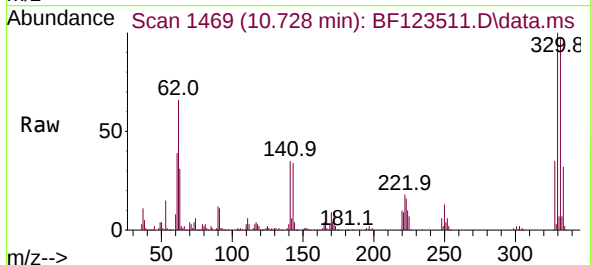
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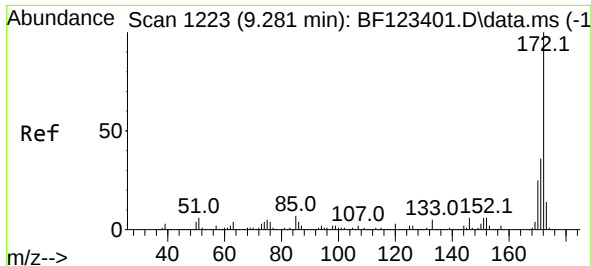
Tgt Ion:164 Resp: 488455
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 74.54 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.012 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion:330 Resp: 407033
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 31.2 23.8 35.8

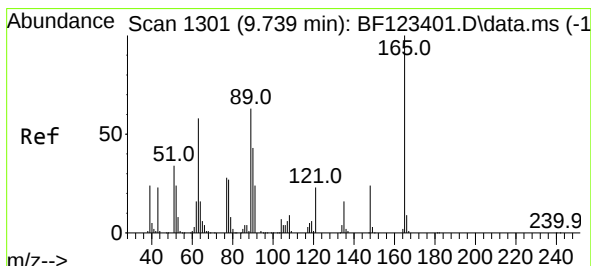
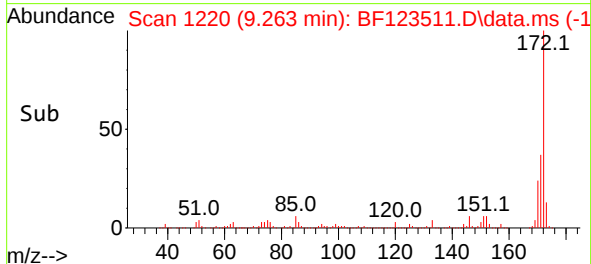
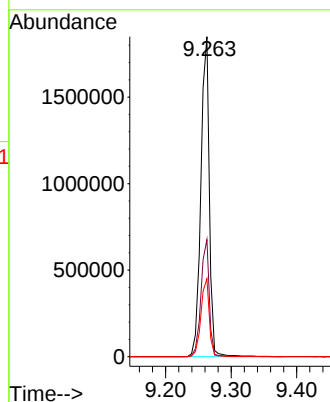
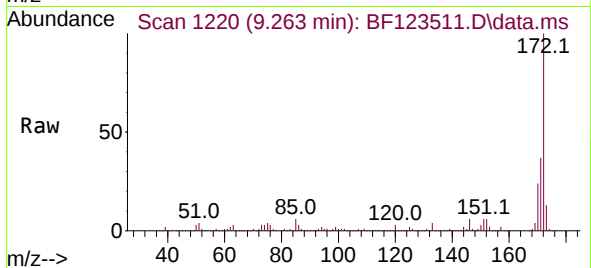




#45
2-Fluorobiphenyl
Concen: 48.66 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

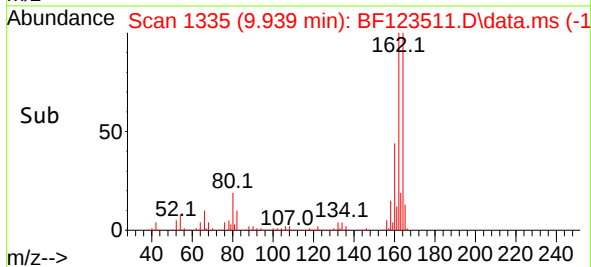
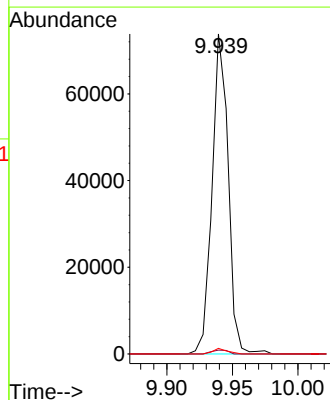
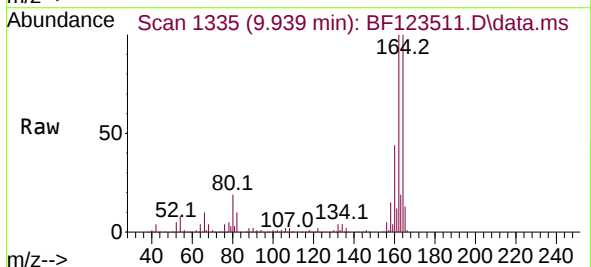
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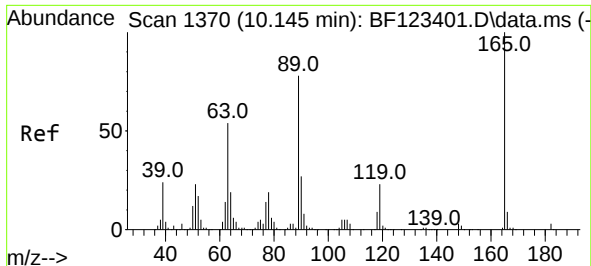
Tgt Ion:172 Resp: 1663591
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.71 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion:165 Resp: 63143
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.8 39.4 59.0#

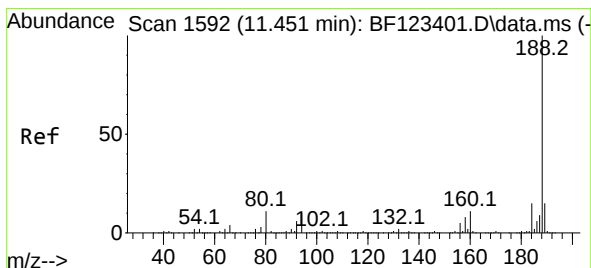
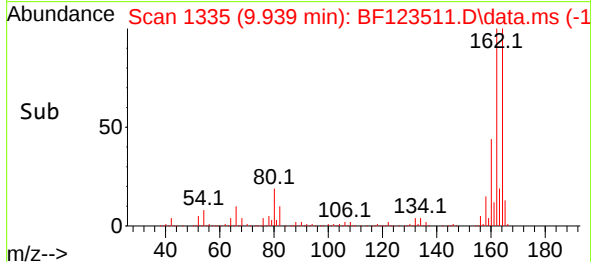
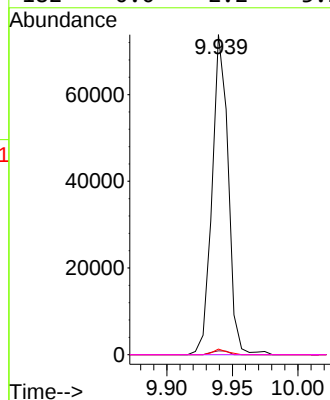
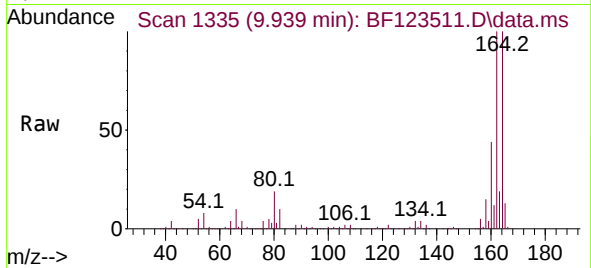




#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

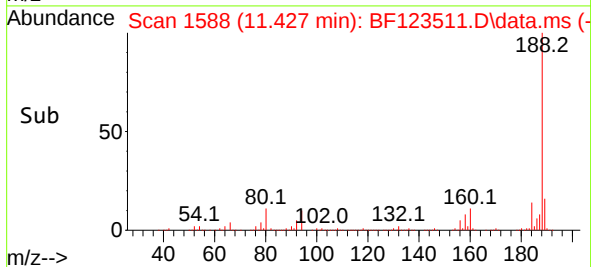
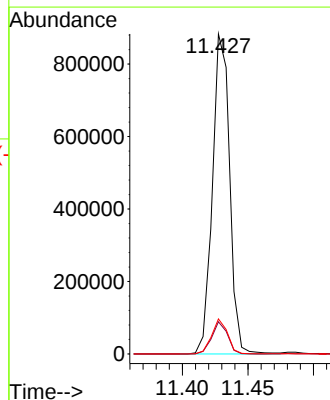
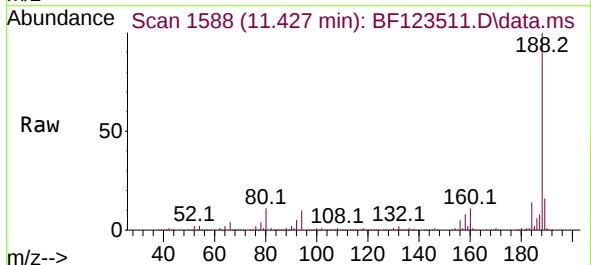
Instrument :
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ClientSampleId :
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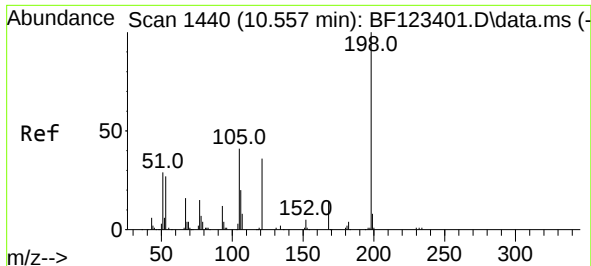
Tgt Ion:	165	Resp:	63143
Ion Ratio	Lower	Upper	
165	100		
63	1.2	34.3	51.5#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion:	188	Resp:	804607
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.4	11.2
80	11.0	8.2	12.4

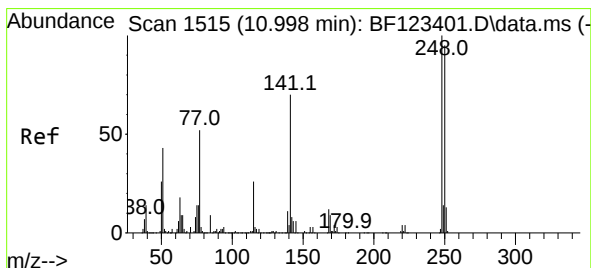
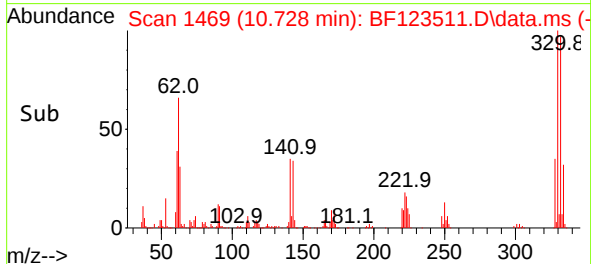
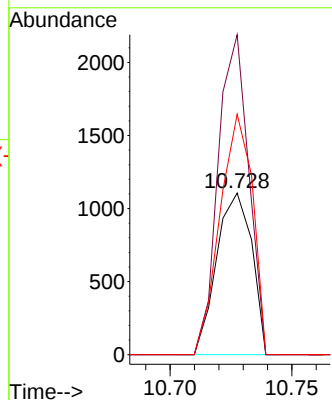
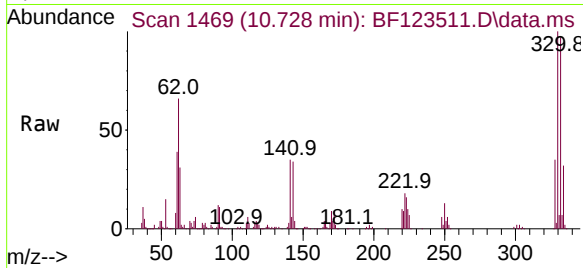




#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.188 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

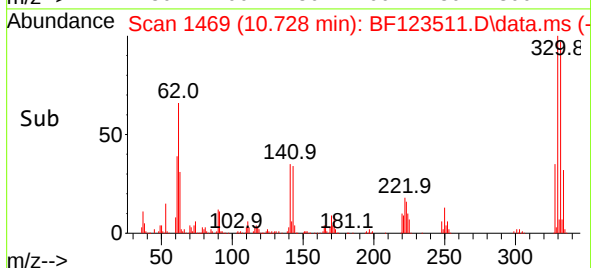
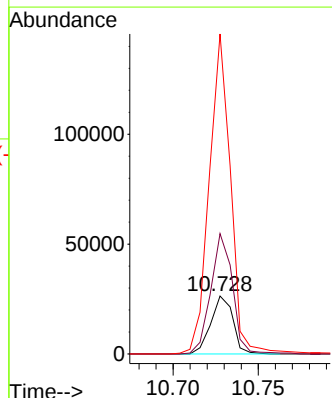
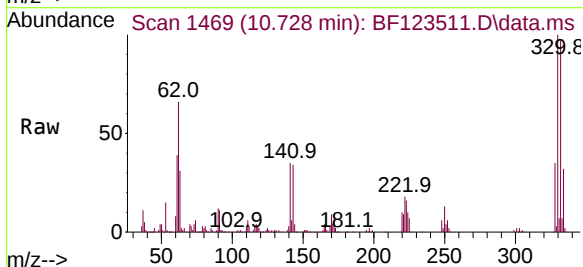
Instrument :
BNA_F
ClientSampleId :
TP-3

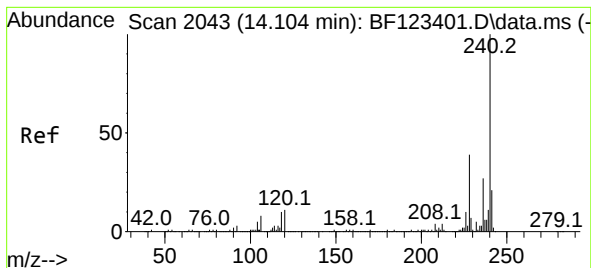
Tgt Ion:198 Resp: 1111
Ion Ratio Lower Upper
198 100
51 198.0 20.3 60.3#
105 148.8 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.253 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Tgt Ion:248 Resp: 23744
Ion Ratio Lower Upper
248 100
250 207.9 76.8 115.2#
141 552.9 59.8 89.8#

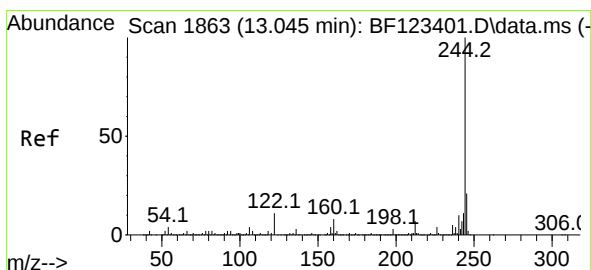
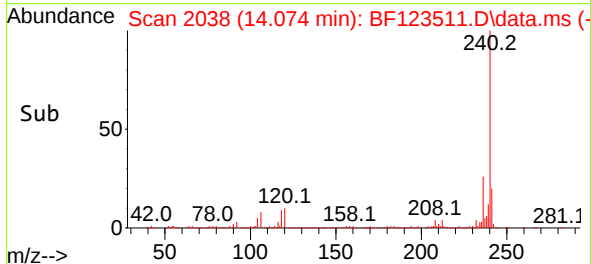
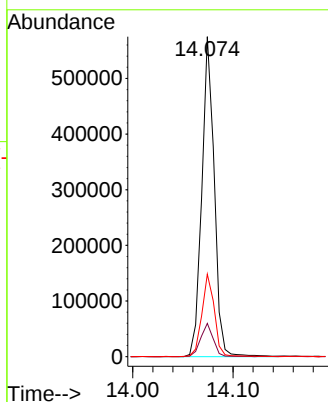
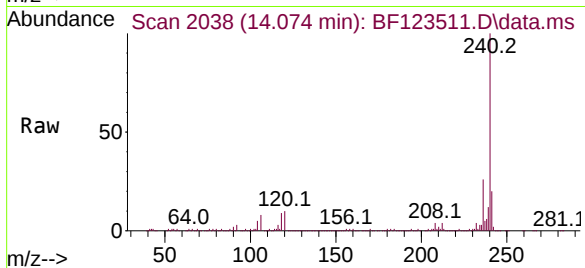




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

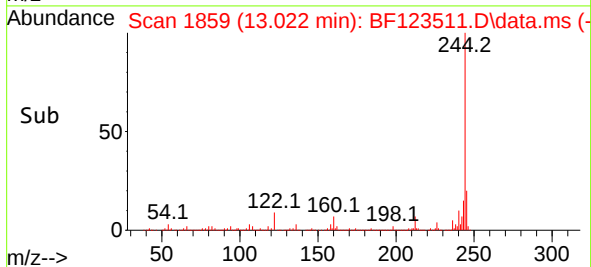
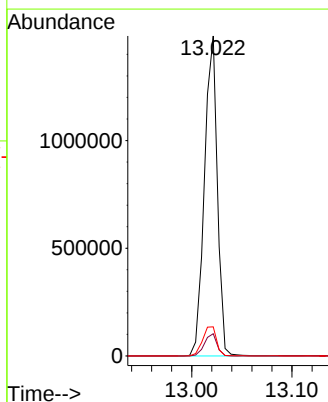
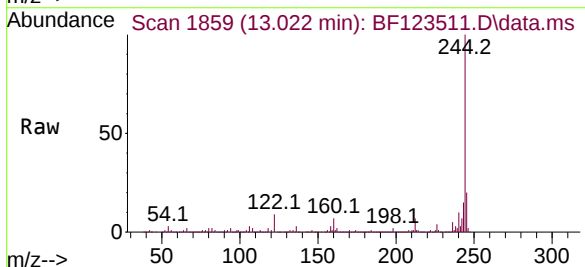
Instrument :
BNA_F
ClientSampleId :
TP-3

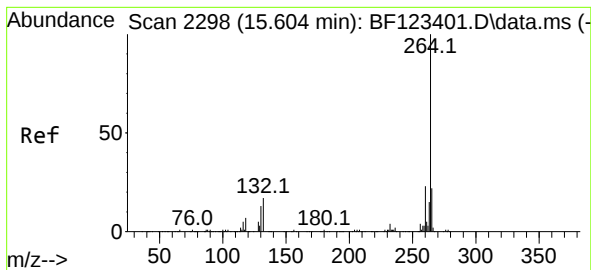
Tgt Ion:240 Resp: 498682
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 45.52 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

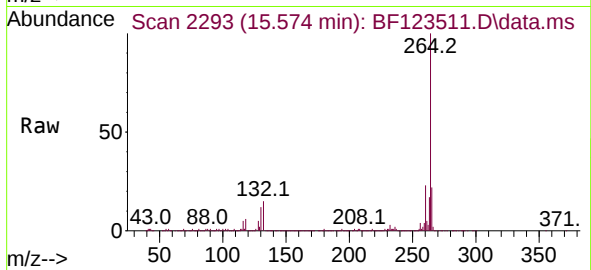
Tgt Ion:244 Resp: 1339344
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF123511.D
Acq: 29 Mar 2021 23:31

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:	264	Resp:	546967
Ion Ratio	100	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.6	17.0	25.6

