

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123425.D
 Acq On : 24 Mar 2021 6:29
 Operator : JU/CG
 Sample : M1779-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4B2-(4.0-4.5)

Quant Time: Mar 24 07:13:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

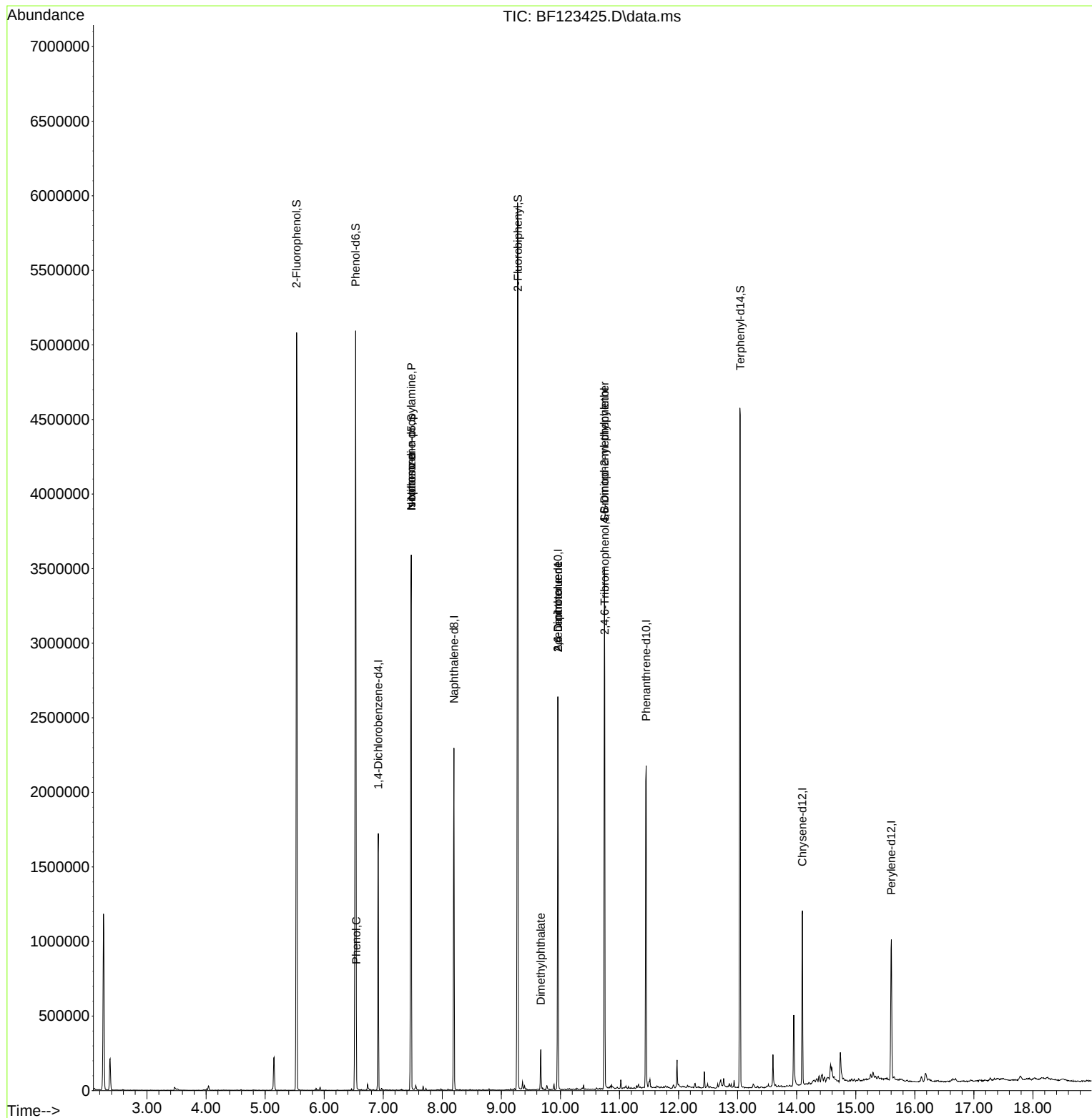
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	248822	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	925655	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	518438	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	806004	20.00	ng	0.00
76) Chrysene-d12	14.098	240	409886	20.00	ng	0.00
86) Perylene-d12	15.603	264	448409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1340883	88.16	ng	0.01
7) Phenol-d6	6.533	99	1731257	85.51	ng	0.00
23) Nitrobenzene-d5	7.475	82	1166873	68.04	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	405780	70.01	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2097123	57.79	ng	0.00
79) Terphenyl-d14	13.045	244	1634842	67.60	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	113	Below Cal	#	48
10) Phenol	6.545	94	84065	4.05	ng	90
19) n-Nitroso-di-n-propyla...	7.475	70	158436	12.10	ng	# 82
25) Isophorone	7.475	82	1164009	31.57	ng	# 65
50) Dimethylphthalate	9.669	163	98281	2.67	ng	99
51) 2,6-Dinitrotoluene	9.957	165	68077	8.85	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	68077	7.09	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	842	5.30	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	24306	2.55	ng	# 1

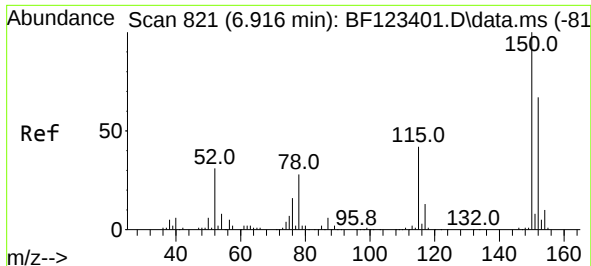
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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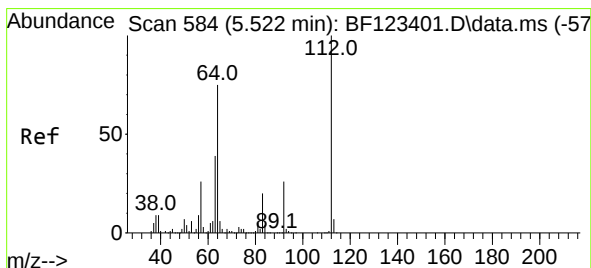
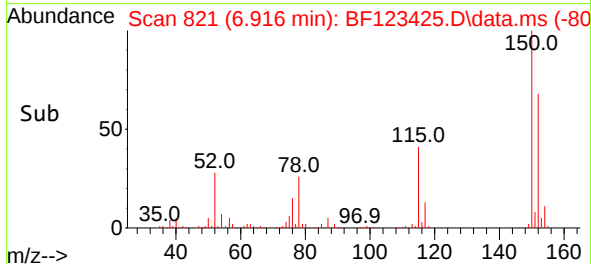
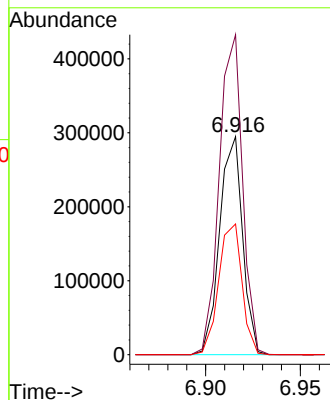
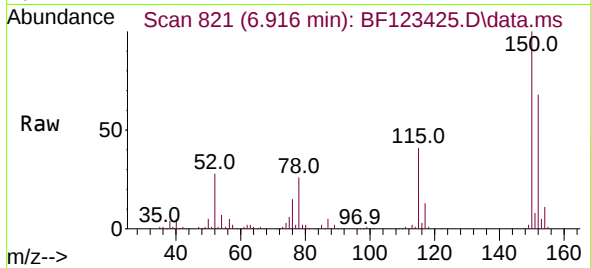




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

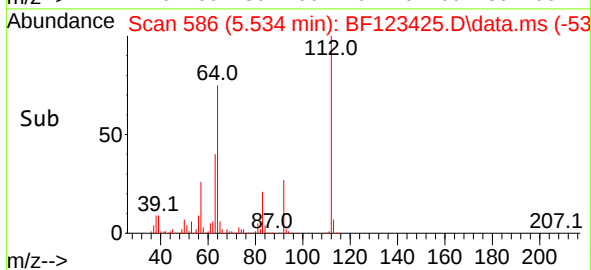
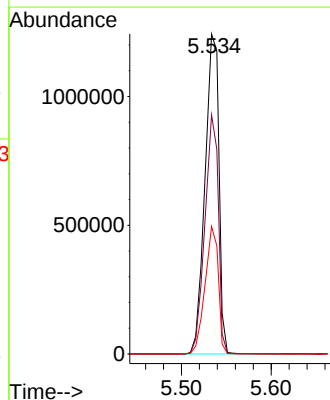
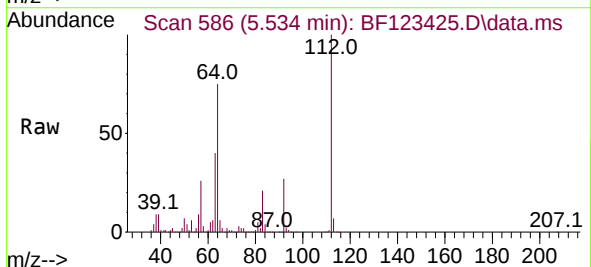
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

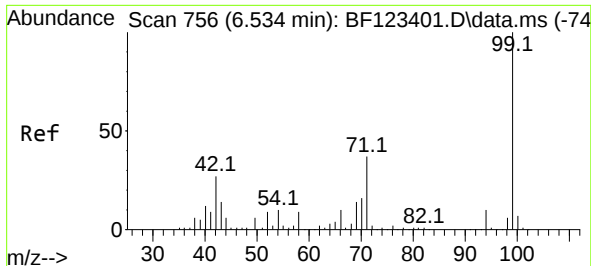
Tgt Ion:152 Resp: 248822
Ion Ratio Lower Upper
152 100
150 146.7 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 88.16 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:112 Resp: 1340883
Ion Ratio Lower Upper
112 100
64 74.7 46.9 70.3#
63 39.8 24.5 36.7#

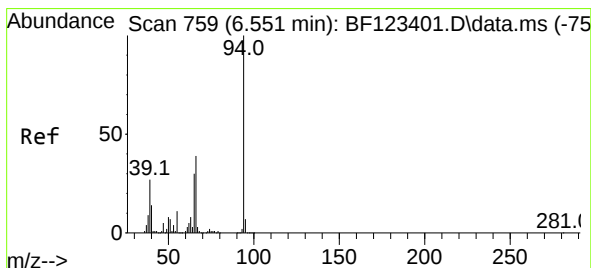
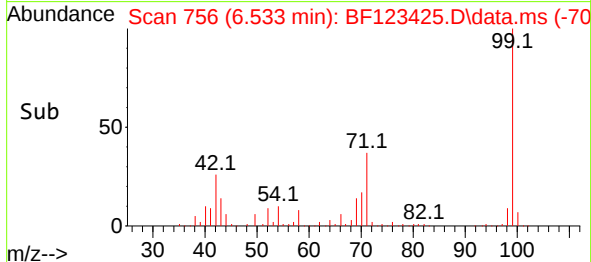
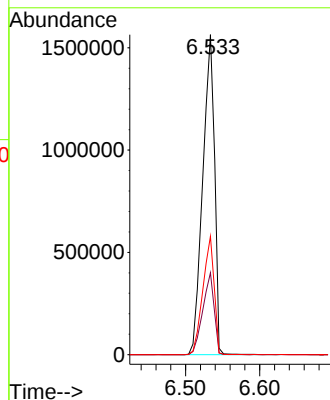
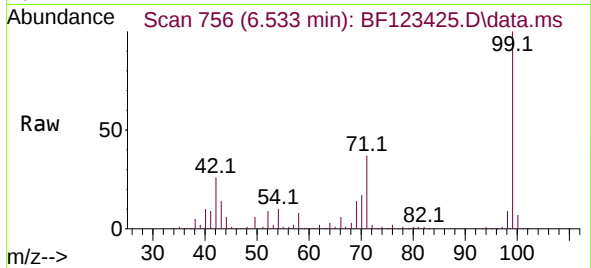




#7
Phenol-d6
Concen: 85.51 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

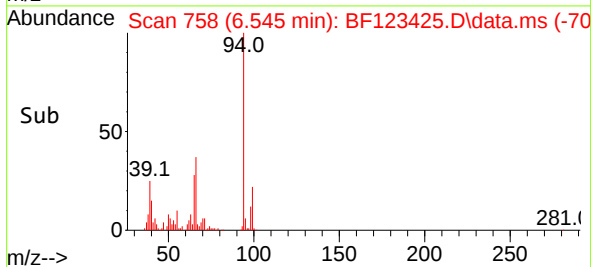
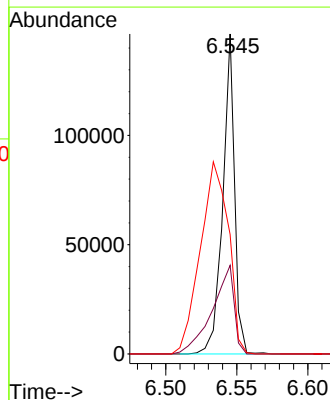
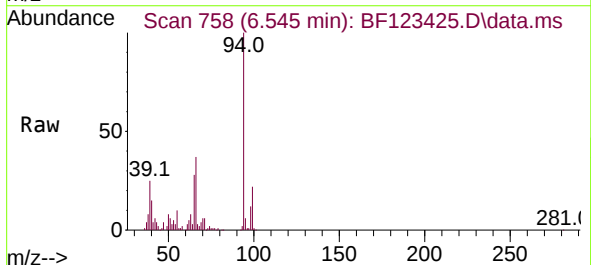
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

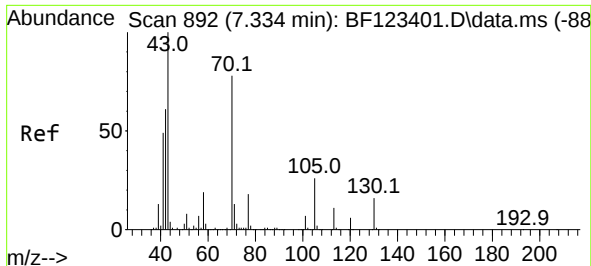
Tgt Ion: 99 Resp: 1731257
Ion Ratio Lower Upper
99 100
42 25.6 13.8 20.6#
71 37.0 26.9 40.3



#10
Phenol
Concen: 4.05 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion: 94 Resp: 84065
Ion Ratio Lower Upper
94 100
65 27.7 11.2 51.2
66 37.3 25.8 65.8

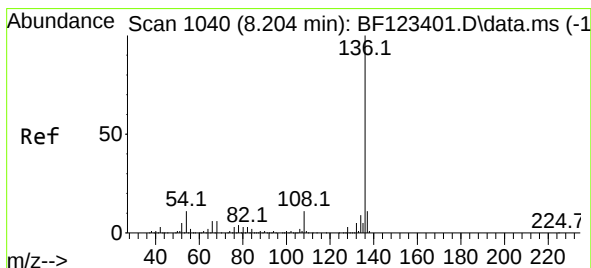
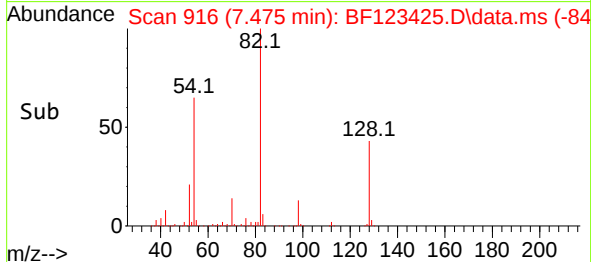
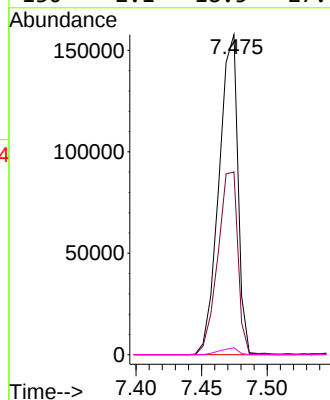
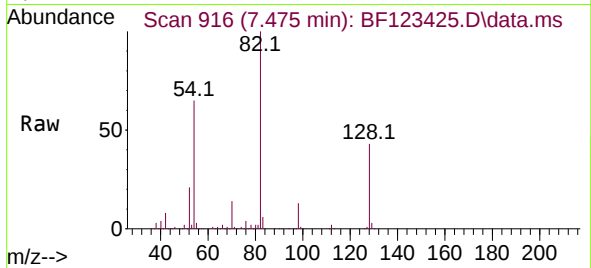




#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

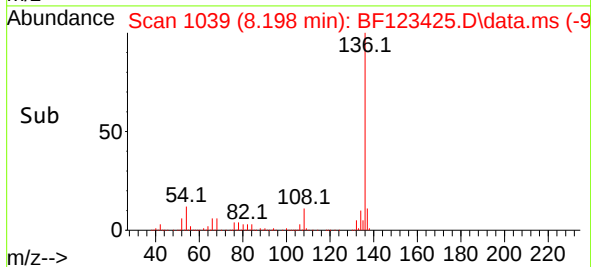
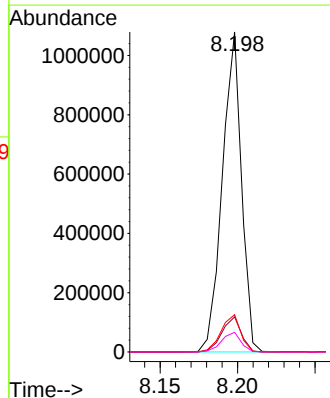
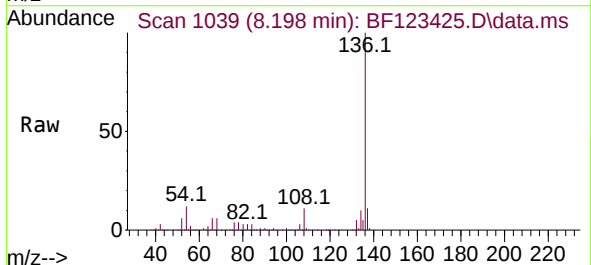
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

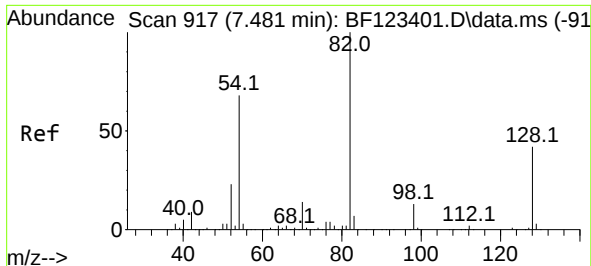
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.1	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.7	5.5	8.3#
68	6.1	4.6	6.8

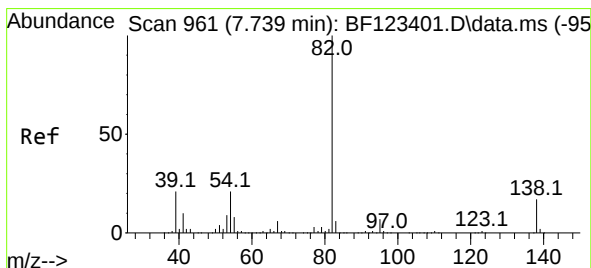
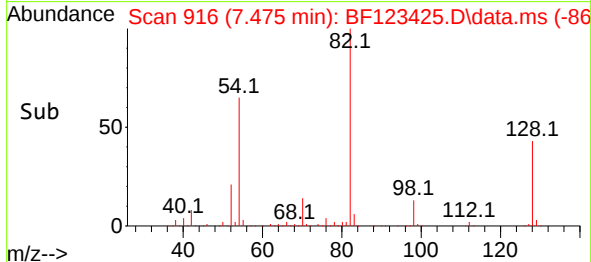
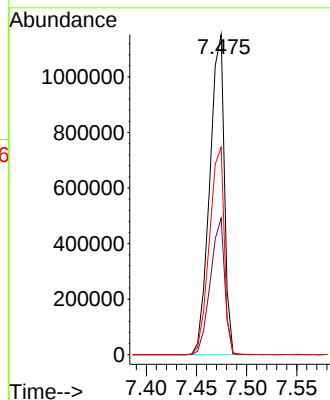
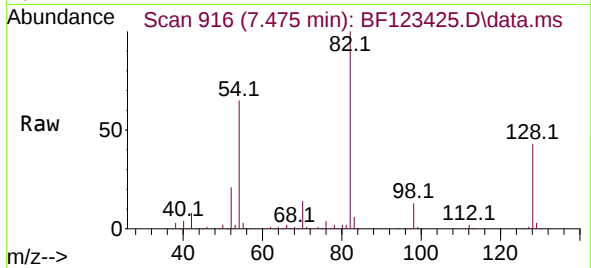




#23
Nitrobenzene-d5
Concen: 68.04 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

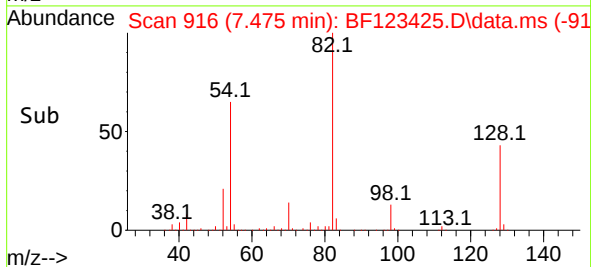
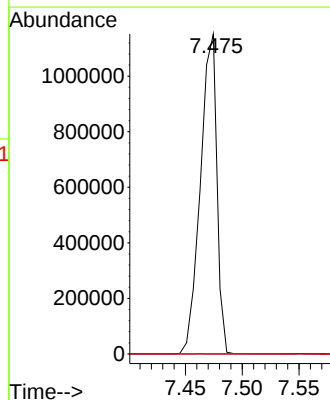
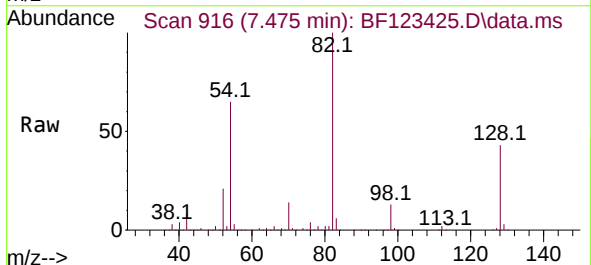
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

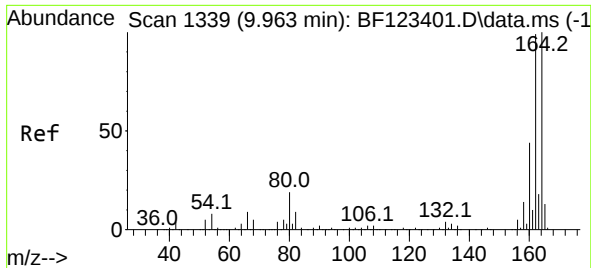
Tgt Ion: 82 Resp: 1166873
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 64.8 38.4 57.6#



#25
Isophorone
Concen: 31.57 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion: 82 Resp: 1164009
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

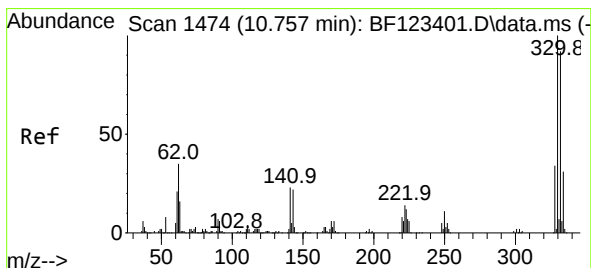
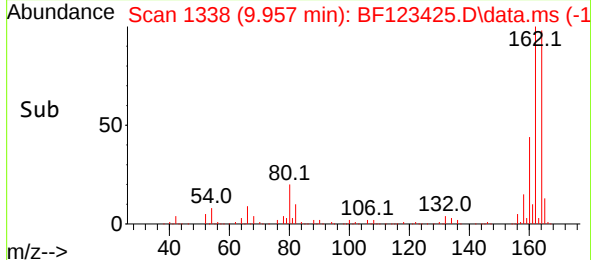
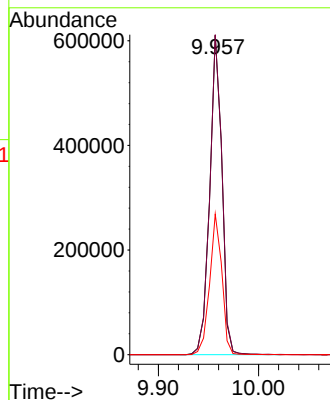
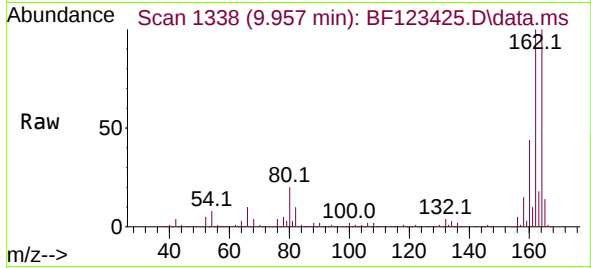




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

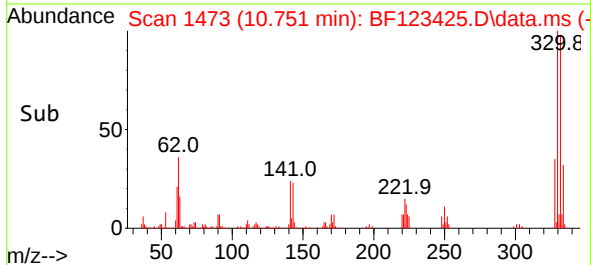
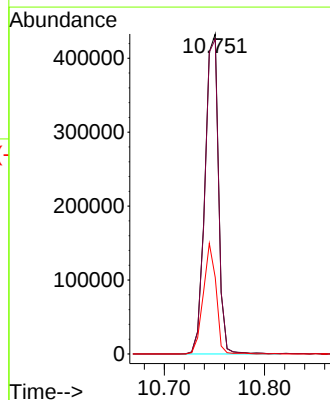
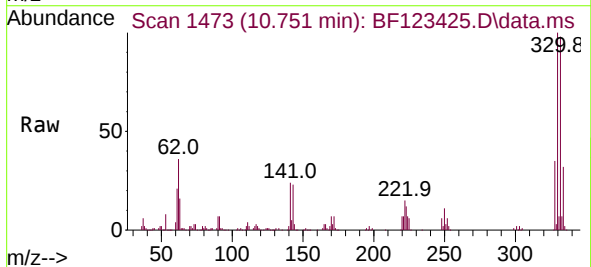
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ClientSampleId :
SB-4B2-(4.0-4.5)

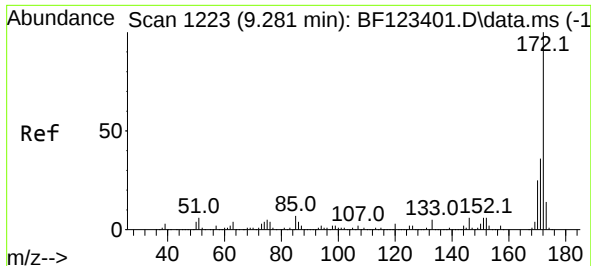
Tgt Ion:164 Resp: 518438
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 70.01 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:330 Resp: 405780
Ion Ratio Lower Upper
330 100
332 99.1 77.5 116.3
141 32.8 23.8 35.8

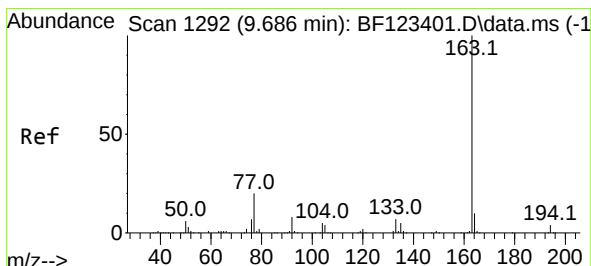
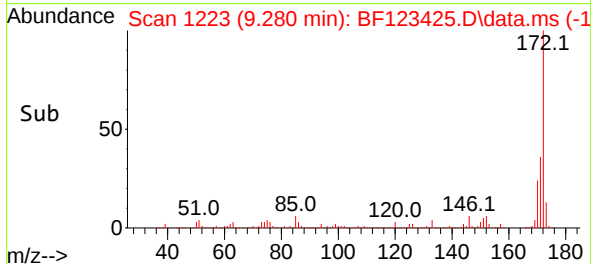
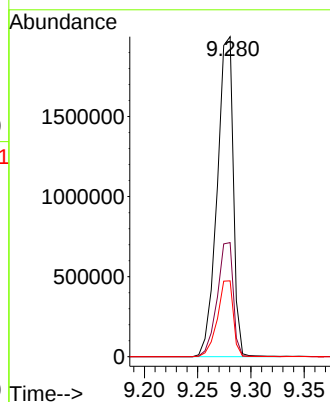
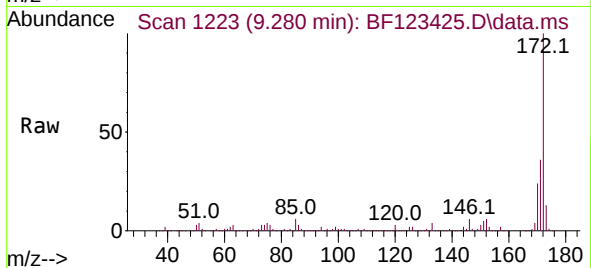




#45
2-Fluorobiphenyl
Concen: 57.79 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

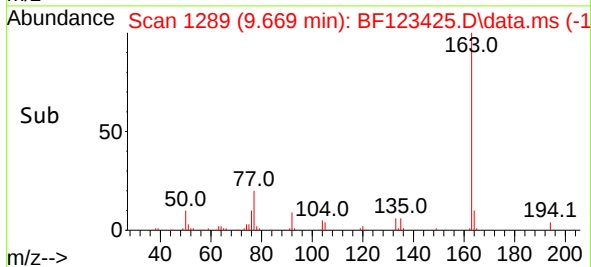
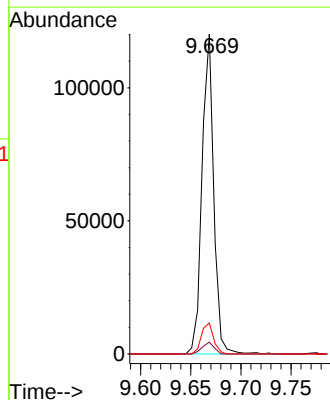
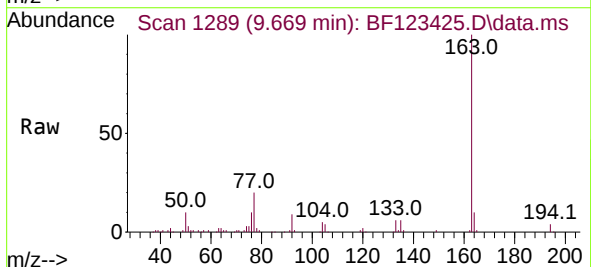
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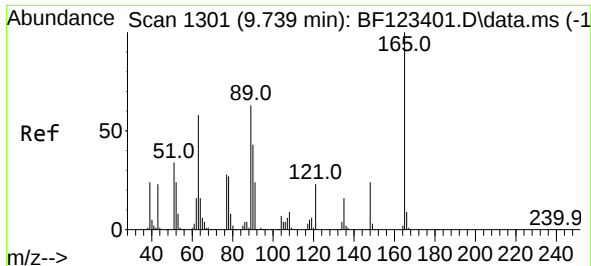
Tgt Ion:172 Resp: 2097123
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.67 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:163 Resp: 98281
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.7 8.1 12.1

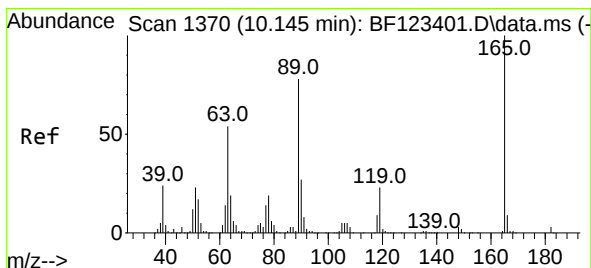
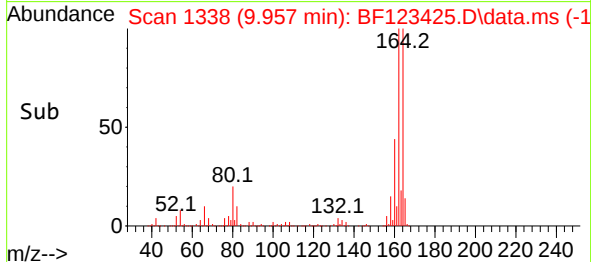
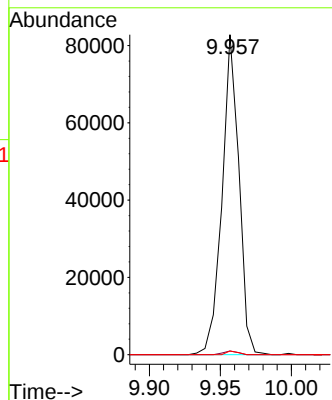
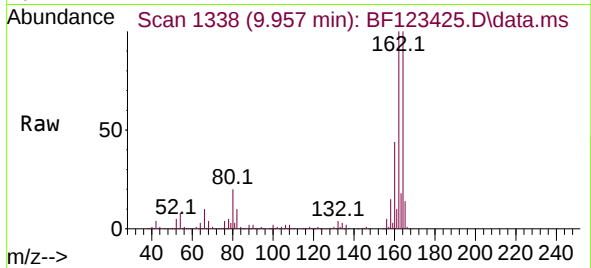




#51
2,6-Dinitrotoluene
Concen: 8.85 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

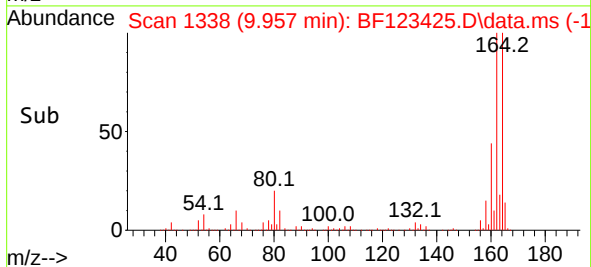
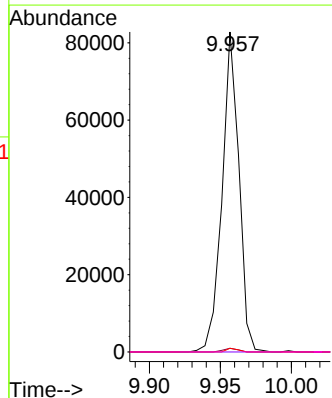
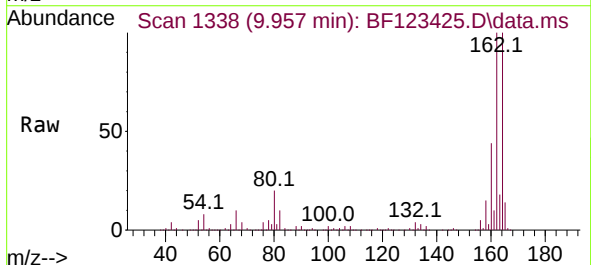
Instrument :
BNA_F
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SB-4B2-(4.0-4.5)

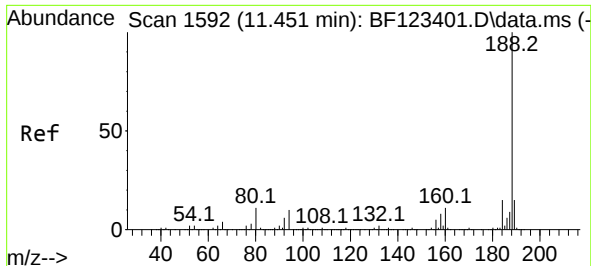
Tgt Ion:165 Resp: 68077
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:165 Resp: 68077
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

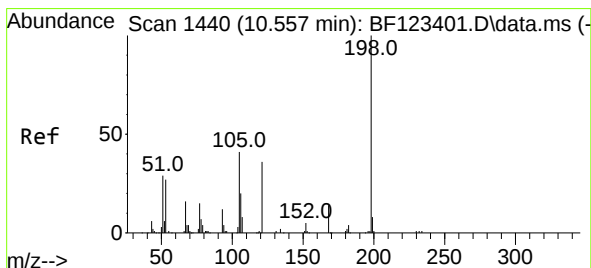
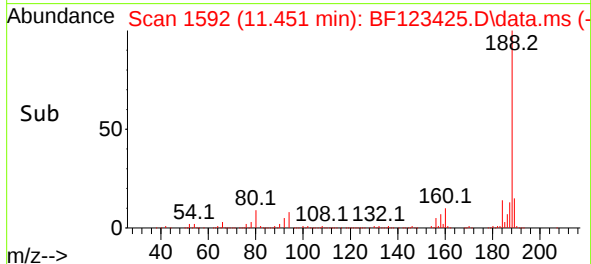
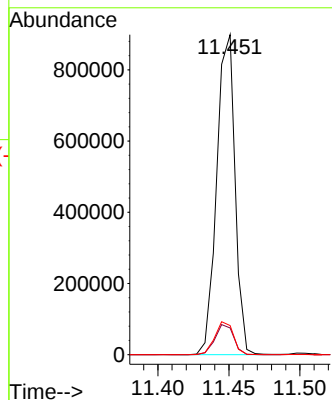
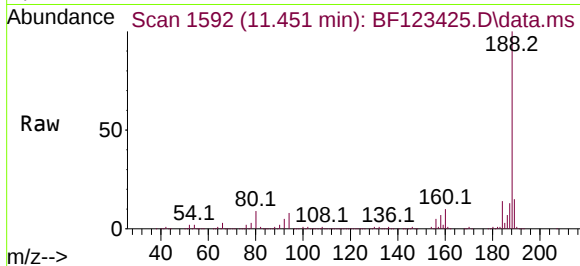




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

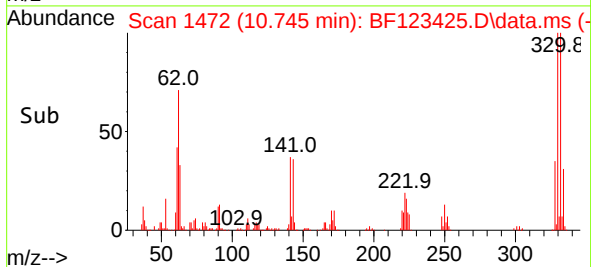
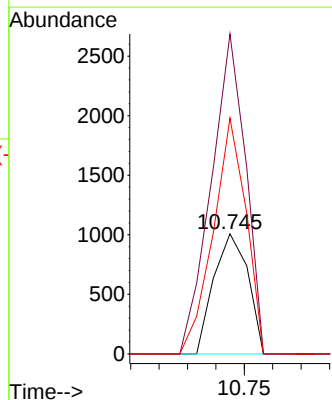
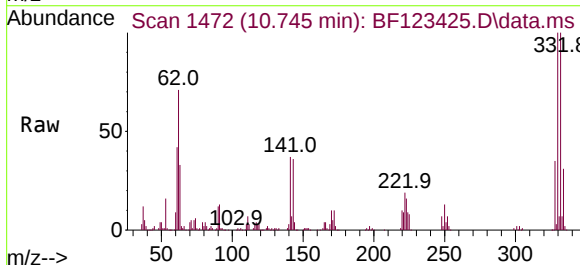
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

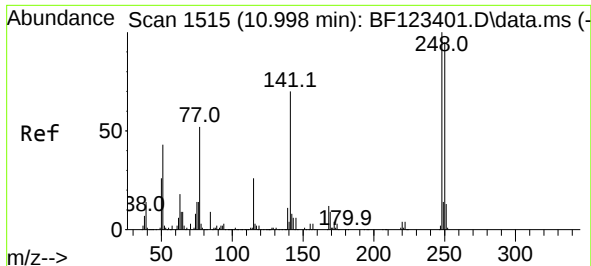
Tgt Ion:188 Resp: 806004
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:198 Resp: 842
Ion Ratio Lower Upper
198 100
51 266.2 20.3 60.3#
105 196.2 23.0 63.0#

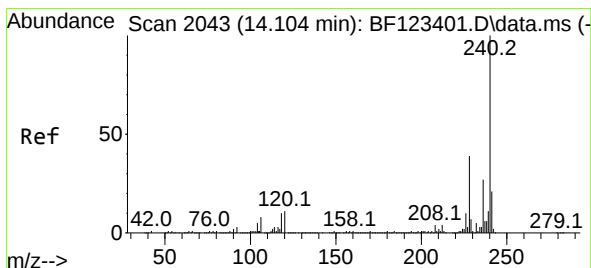
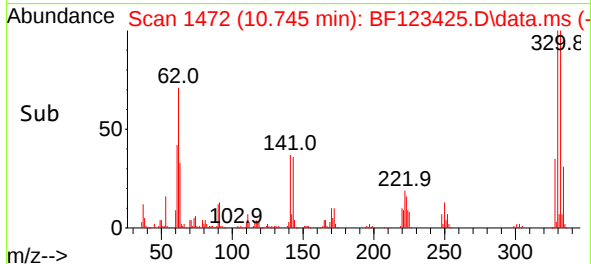
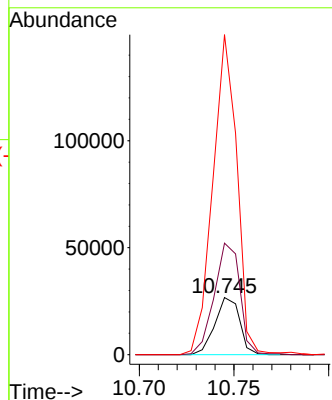
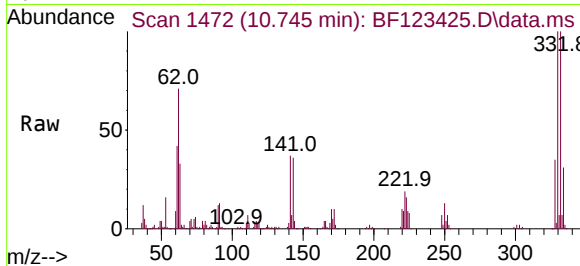




#67
4-Bromophenyl-phenylether
Concen: 2.55 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

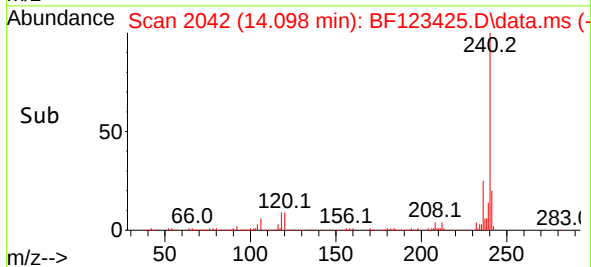
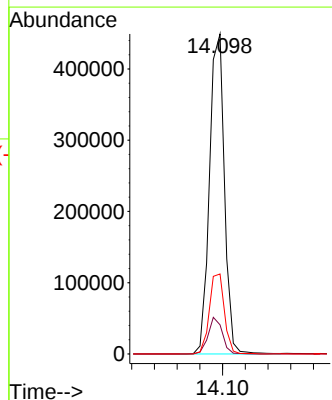
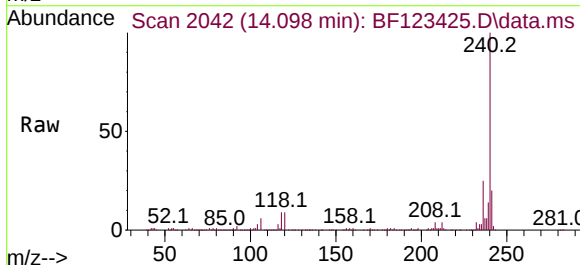
Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

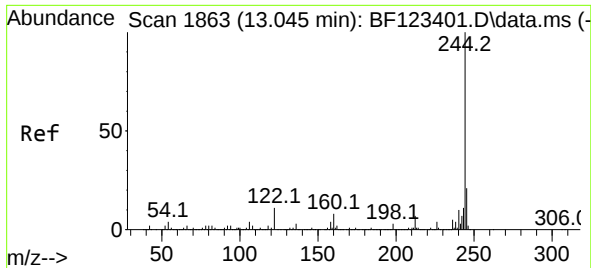
Tgt Ion:248 Resp: 24306
Ion Ratio Lower Upper
248 100
250 195.0 76.8 115.2#
141 559.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:240 Resp: 409886
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.0 20.3 30.5

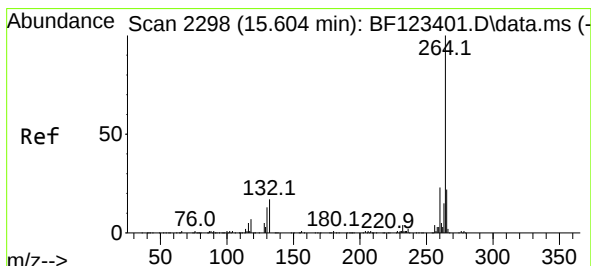
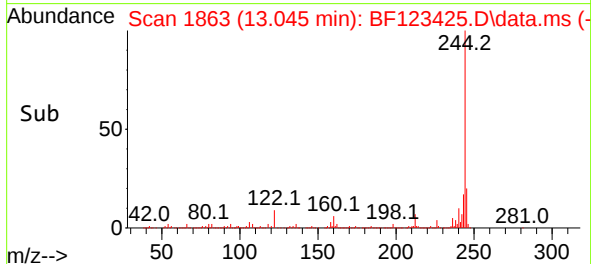
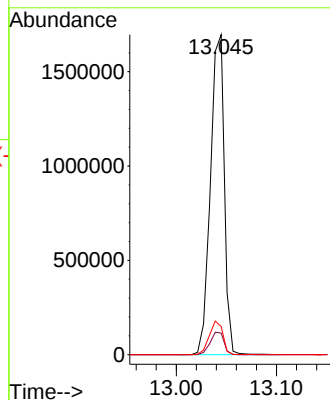
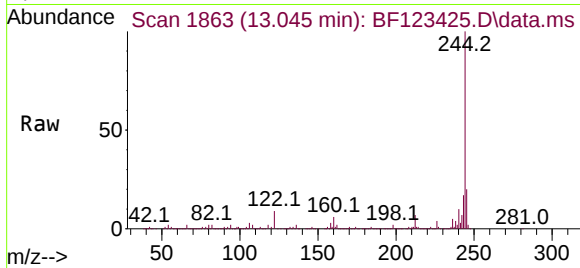




#79
Terphenyl-d14
Concen: 67.60 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Instrument :
BNA_F
ClientSampleId :
SB-4B2-(4.0-4.5)

Tgt Ion:244 Resp: 1634842
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.603 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123425.D
Acq: 24 Mar 2021 6:29

Tgt Ion:264 Resp: 448409
Ion Ratio Lower Upper
264 100
260 21.6 18.6 28.0
265 21.9 17.0 25.6

