

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123423.D
 Acq On : 24 Mar 2021 5:26
 Operator : JU/CG
 Sample : M1779-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1B2-(3.5-4.0)

Quant Time: Mar 24 06:35:05 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)

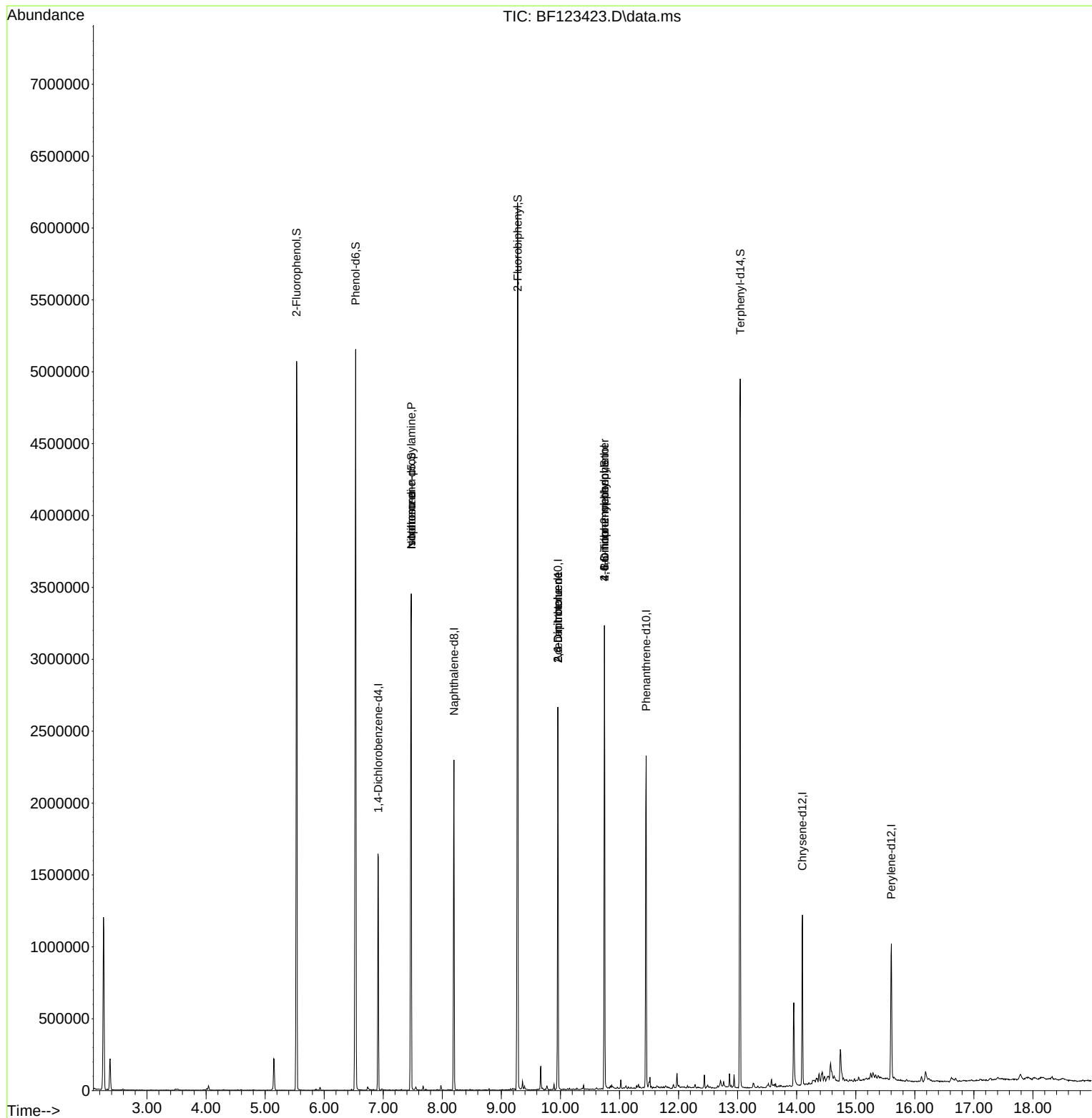
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	251357	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	940699	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	521764	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	814189	20.00	ng	0.00
76) Chrysene-d12	14.098	240	403379	20.00	ng	0.00
86) Perylene-d12	15.604	264	439435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1360388	88.54	ng	0.01
7) Phenol-d6	6.534	99	1747408	85.43	ng	0.00
23) Nitrobenzene-d5	7.475	82	1178439	67.61	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	363005	62.23	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	2160932	59.17	ng	0.00
79) Terphenyl-d14	13.045	244	1742363	73.20	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	116	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	161005	12.17	ng	# 82
25) Isophorone	7.475	82	1174652	31.35	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	70246	9.07	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	70246	7.27	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.745	198	816	5.29	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	20948	2.17	ng	# 1

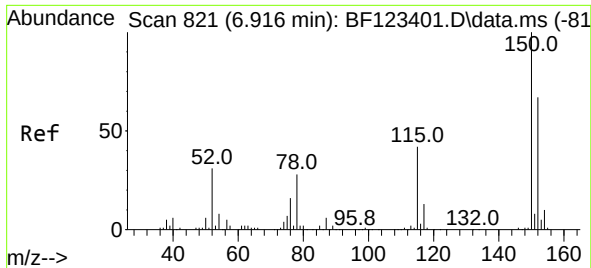
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123423.D
Acq On : 24 Mar 2021 5:26
Operator : JU/CG
Sample : M1779-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

Quant Time: Mar 24 06:35:05 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

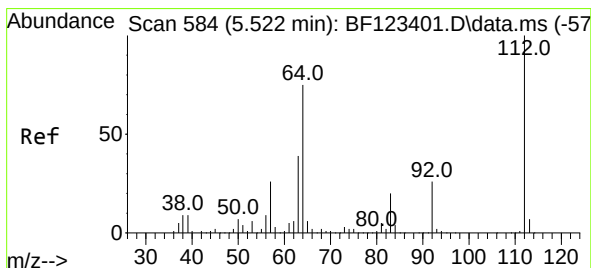
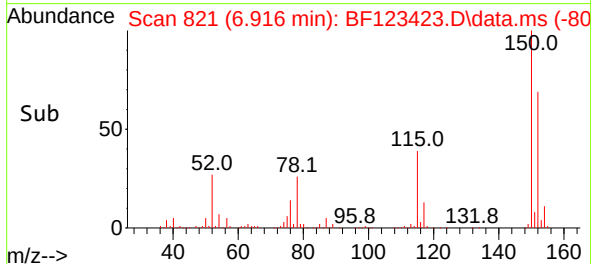
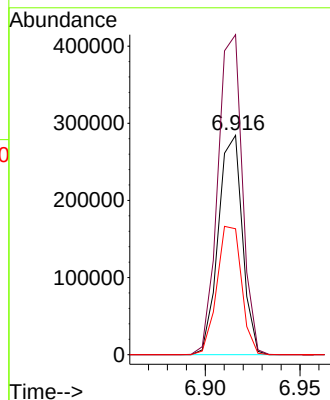
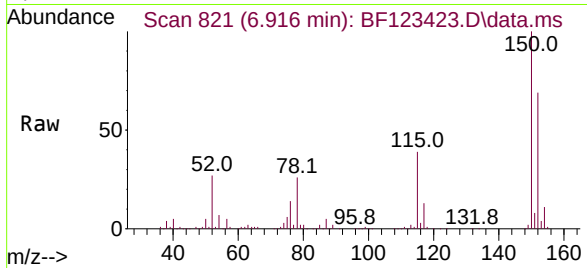




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

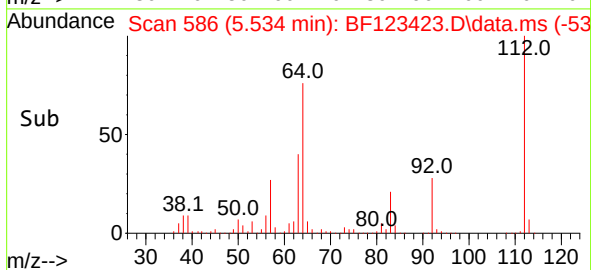
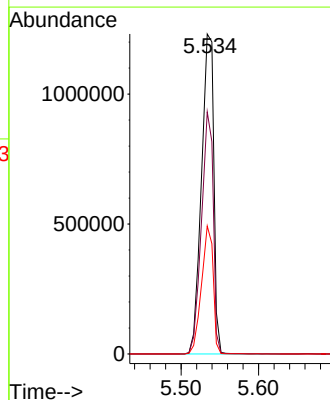
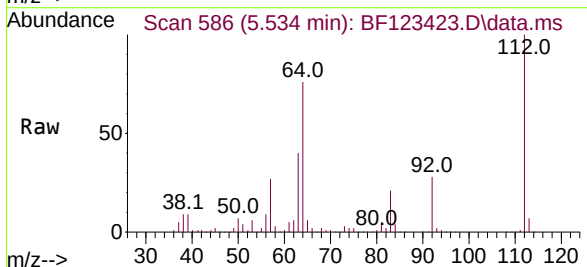
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

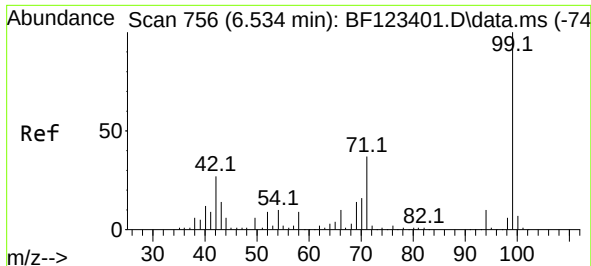
Tgt Ion:152 Resp: 251357
Ion Ratio Lower Upper
152 100
150 145.8 125.8 188.6
115 57.4 49.3 73.9



#5
2-Fluorophenol
Concen: 88.54 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:112 Resp: 1360388
Ion Ratio Lower Upper
112 100
64 75.7 46.9 70.3#
63 40.0 24.5 36.7#

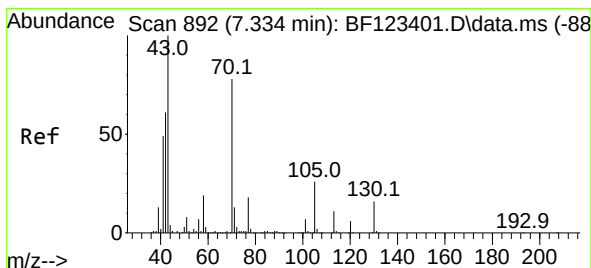
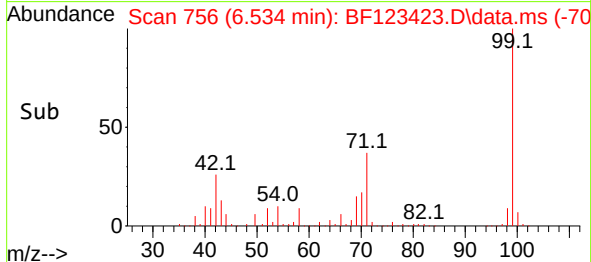
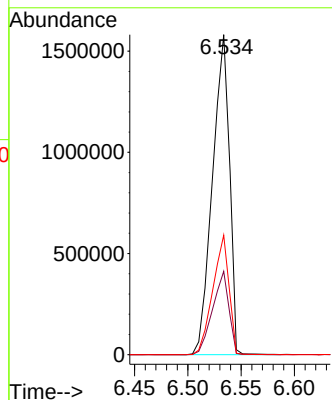
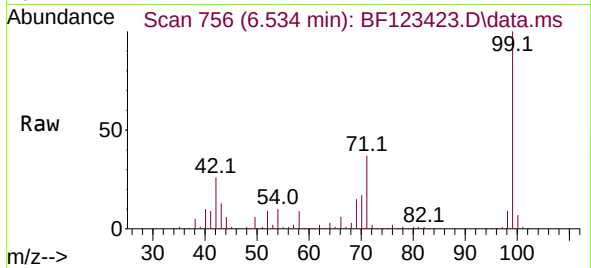




#7
Phenol-d6
Concen: 85.43 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

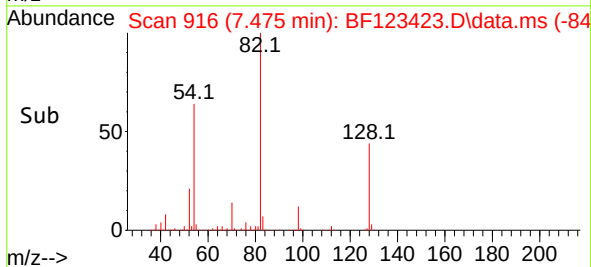
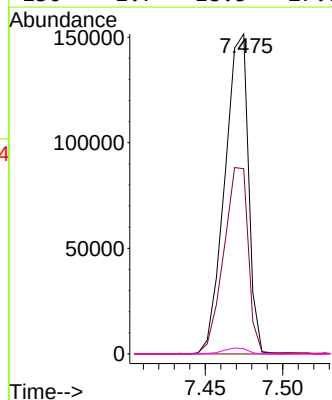
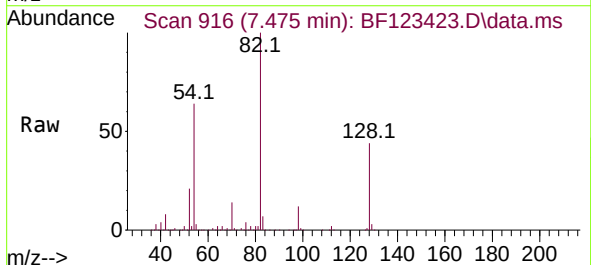
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

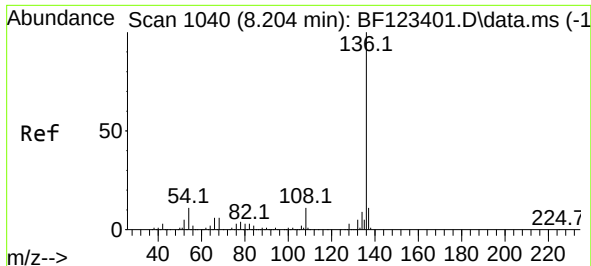
Tgt Ion: 99 Resp: 1747408
Ion Ratio Lower Upper
99 100
42 26.1 13.8 20.6#
71 37.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.17 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion: 70 Resp: 161005
Ion Ratio Lower Upper
70 100
42 57.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#

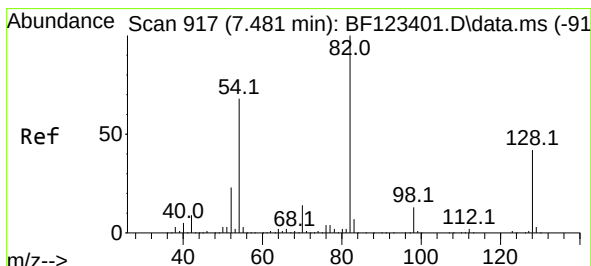
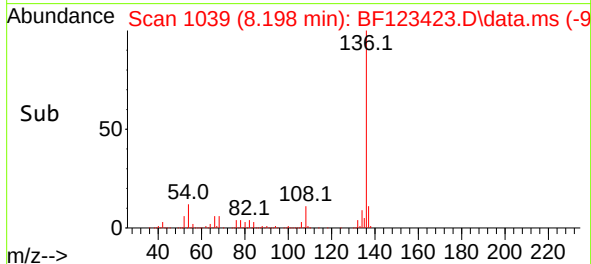
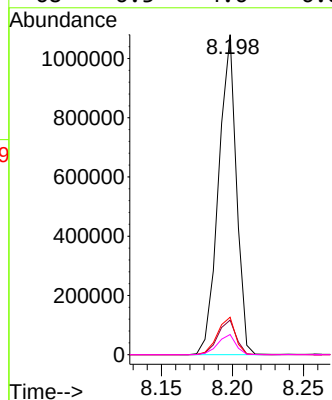
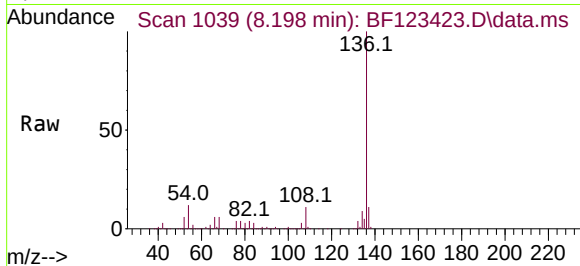




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

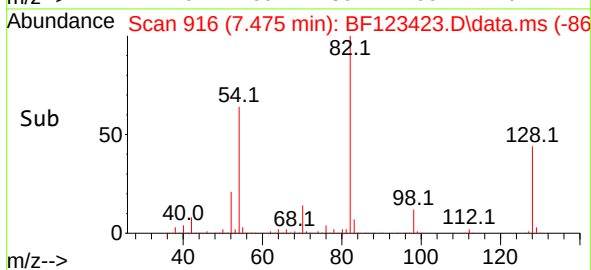
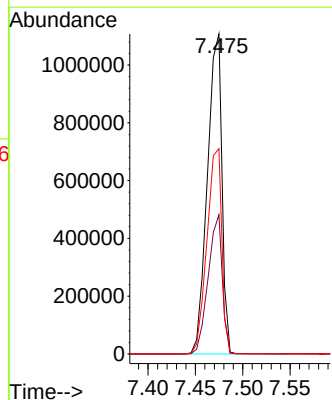
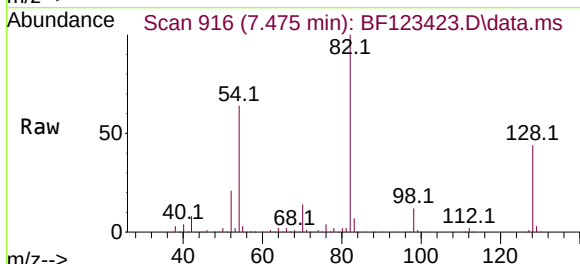
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

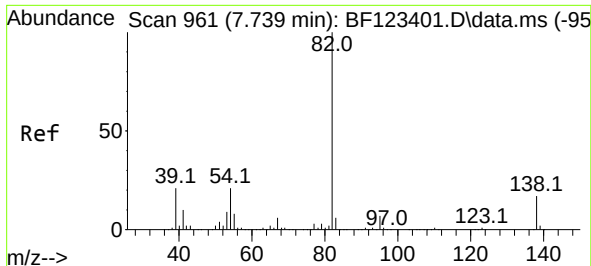
Tgt Ion:	136	Resp:	940699
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	11.7	5.5	8.3#
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 67.61 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:	82	Resp:	1178439
Ion Ratio	Lower	Upper	
82	100		
128	43.5	37.0	55.4
54	64.1	38.4	57.6#

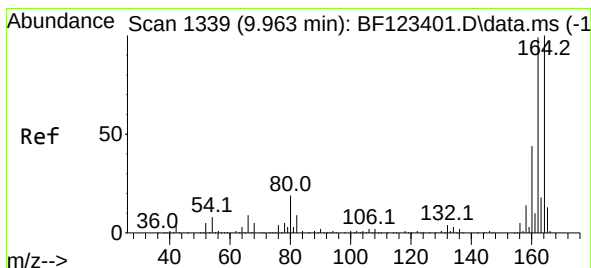
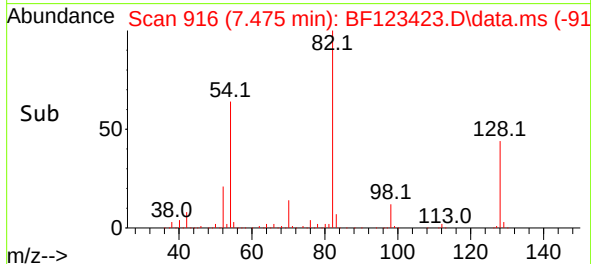
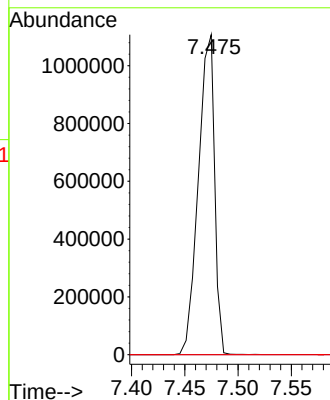
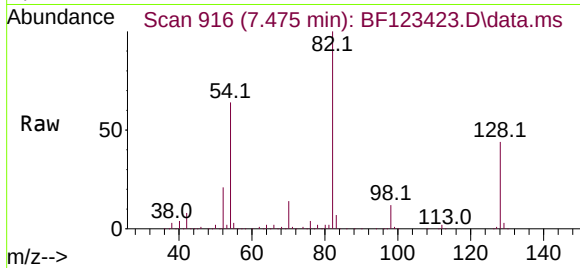




#25
Isophorone
Concen: 31.35 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

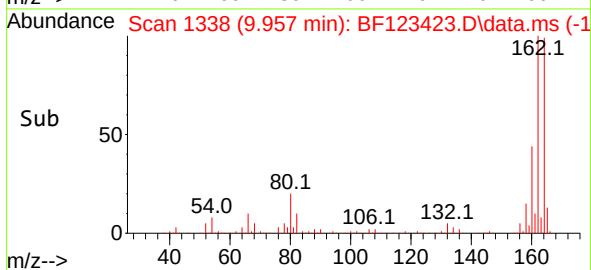
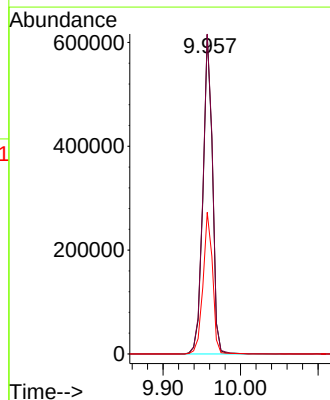
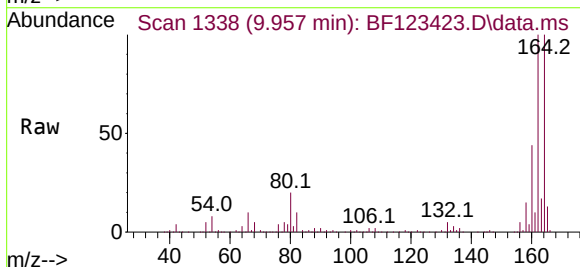
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

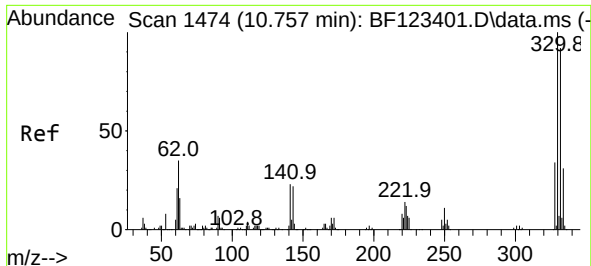
Tgt Ion: 82 Resp: 1174652
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion: 164 Resp: 521764
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.4 35.4 53.0

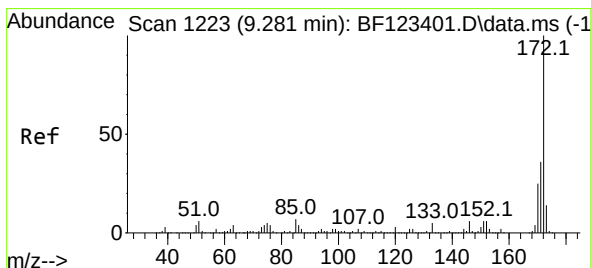
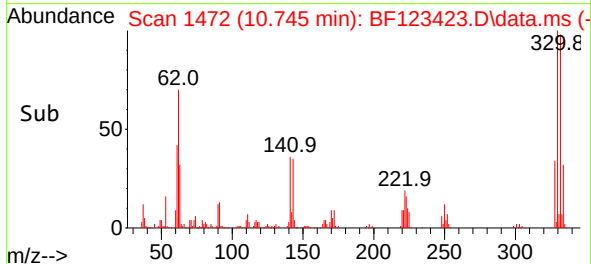
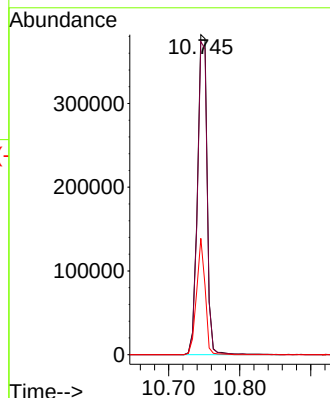
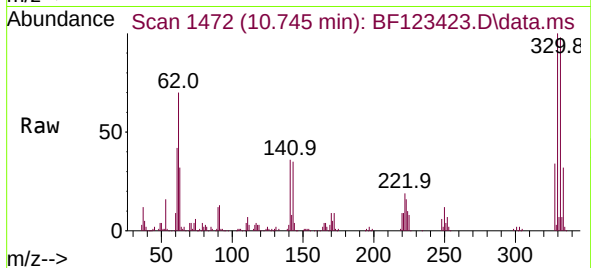




#42
2,4,6-Tribromophenol
Concen: 62.23 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

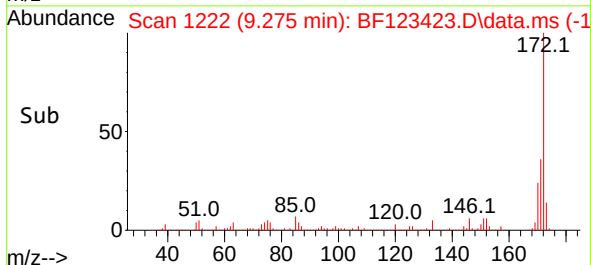
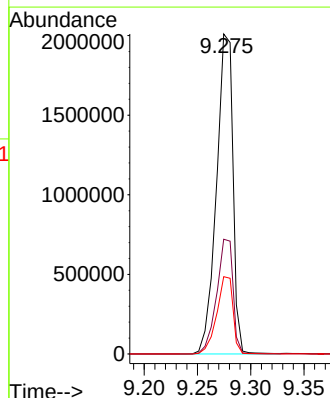
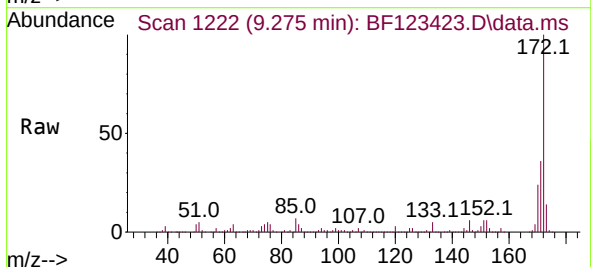
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

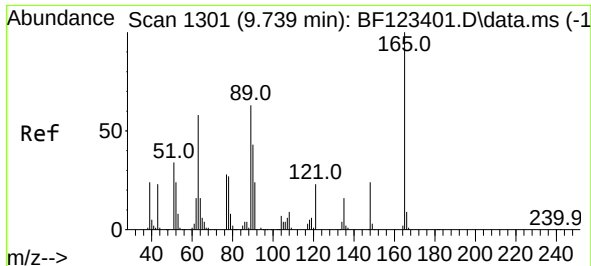
Tgt Ion:330 Resp: 363005
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 32.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.17 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:172 Resp: 2160932
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.5 29.3

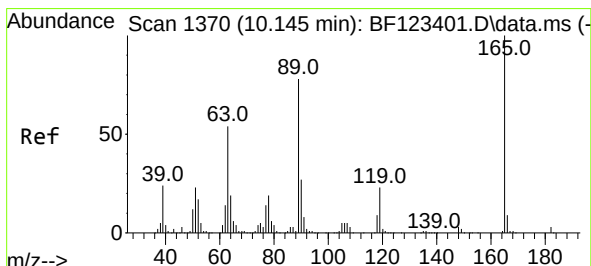
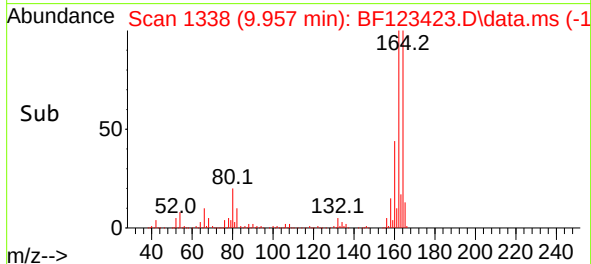
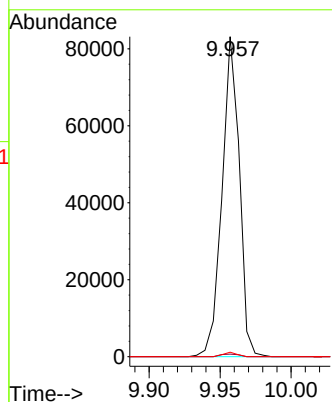
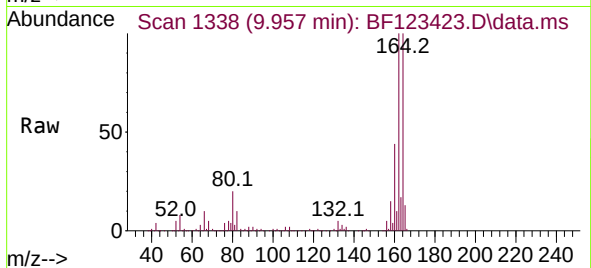




#51
2,6-Dinitrotoluene
Concen: 9.07 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

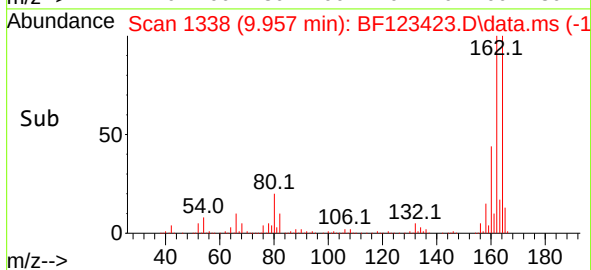
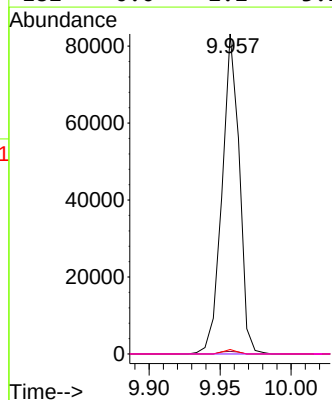
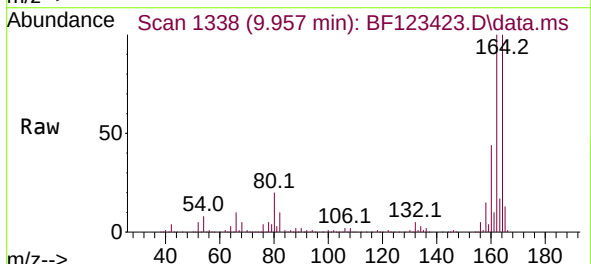
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

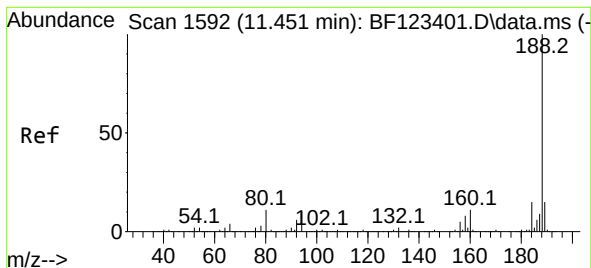
Tgt Ion:165 Resp: 70246
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:165 Resp: 70246
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

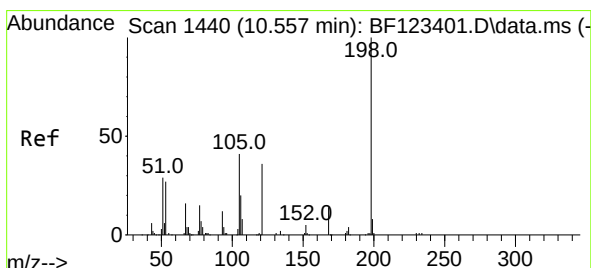
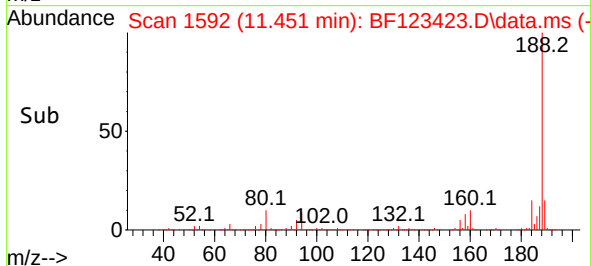
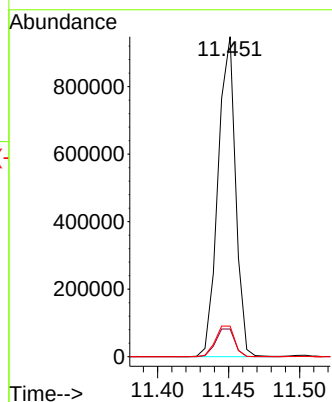
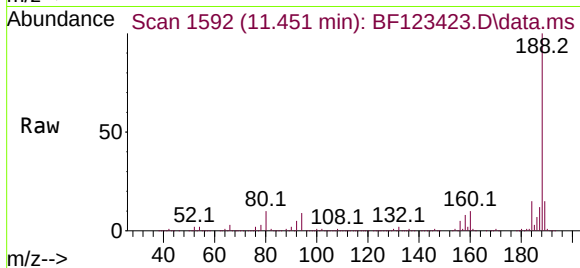




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

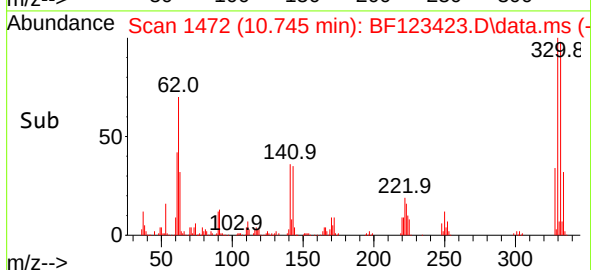
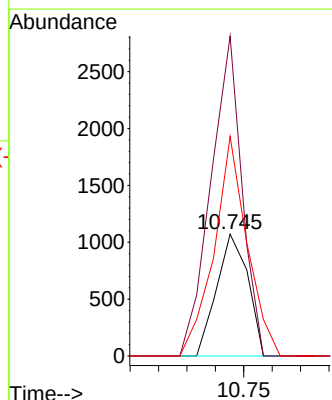
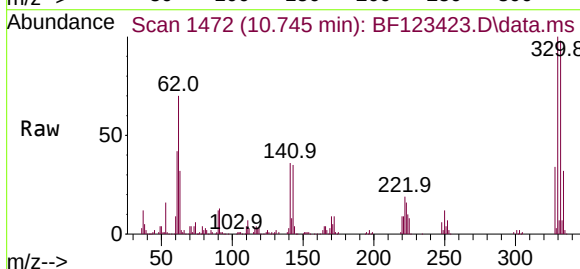
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

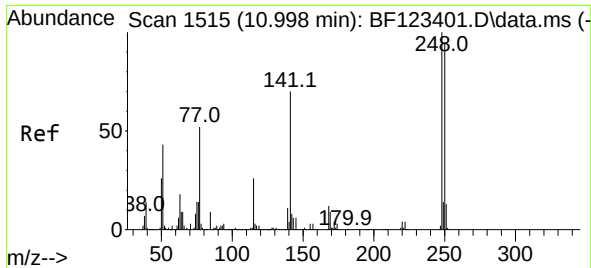
Tgt Ion:188 Resp: 814189
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.29 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:198 Resp: 816
Ion Ratio Lower Upper
198 100
51 262.7 20.3 60.3#
105 180.3 23.0 63.0#

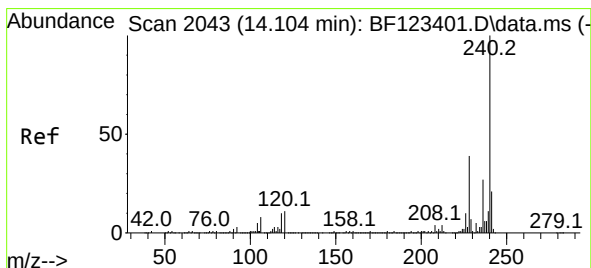
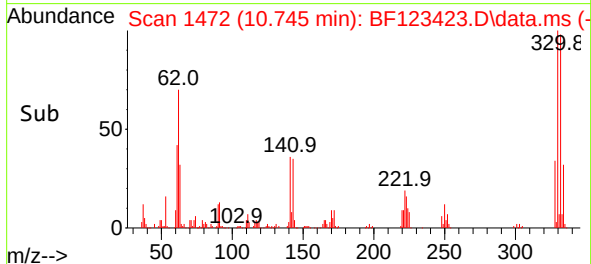
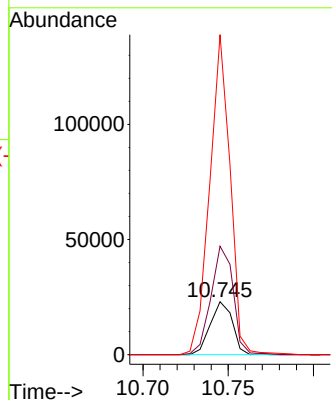
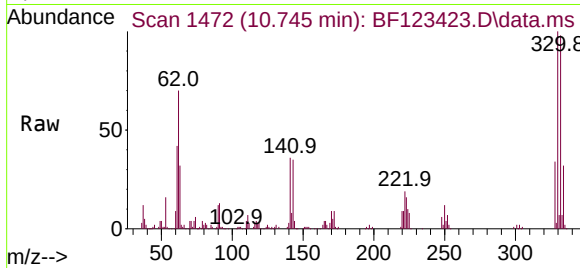




#67
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

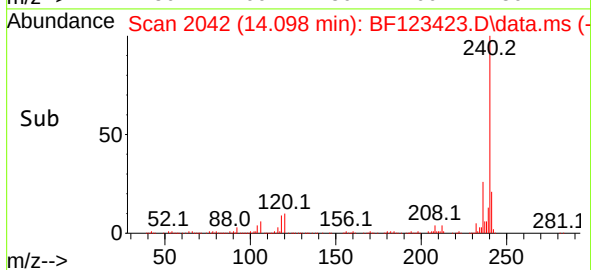
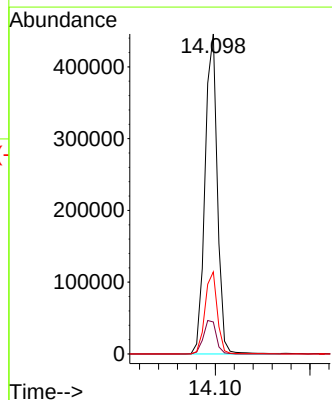
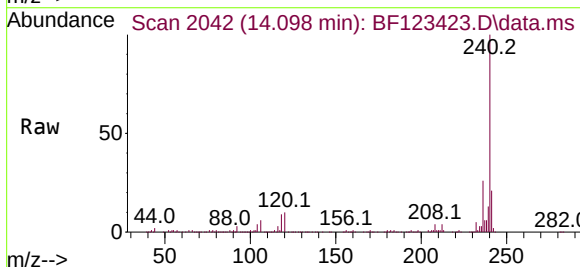
Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

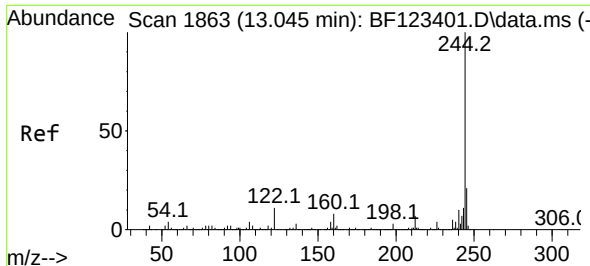
Tgt Ion:248 Resp: 20948
Ion Ratio Lower Upper
248 100
250 204.6 76.8 115.2#
141 603.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:240 Resp: 403379
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.6 20.3 30.5

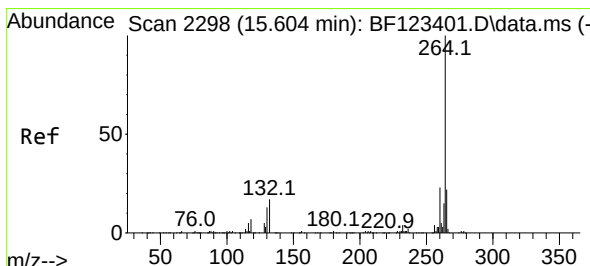
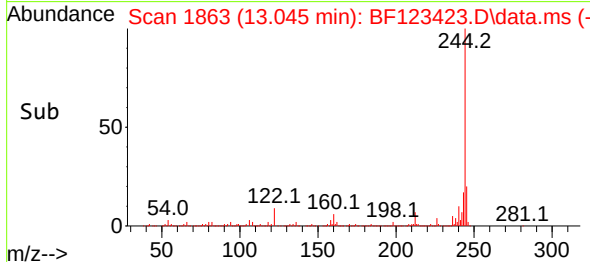
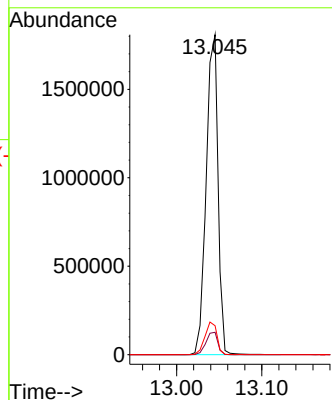
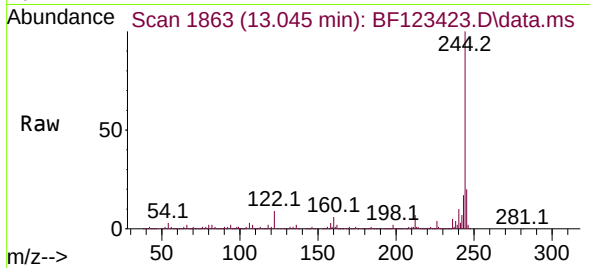




#79
Terphenyl-d14
Concen: 73.20 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Instrument :
BNA_F
ClientSampleId :
SB-1B2-(3.5-4.0)

Tgt Ion:244 Resp: 1742363
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: 15.604 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123423.D
Acq: 24 Mar 2021 5:26

Tgt Ion:264 Resp: 439435
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 17.0 25.6

