

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123389.D
 Acq On : 18 Mar 2021 18:19
 Operator : JU/CG
 Sample : M1682-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLE

Quant Time: Mar 18 19:00:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

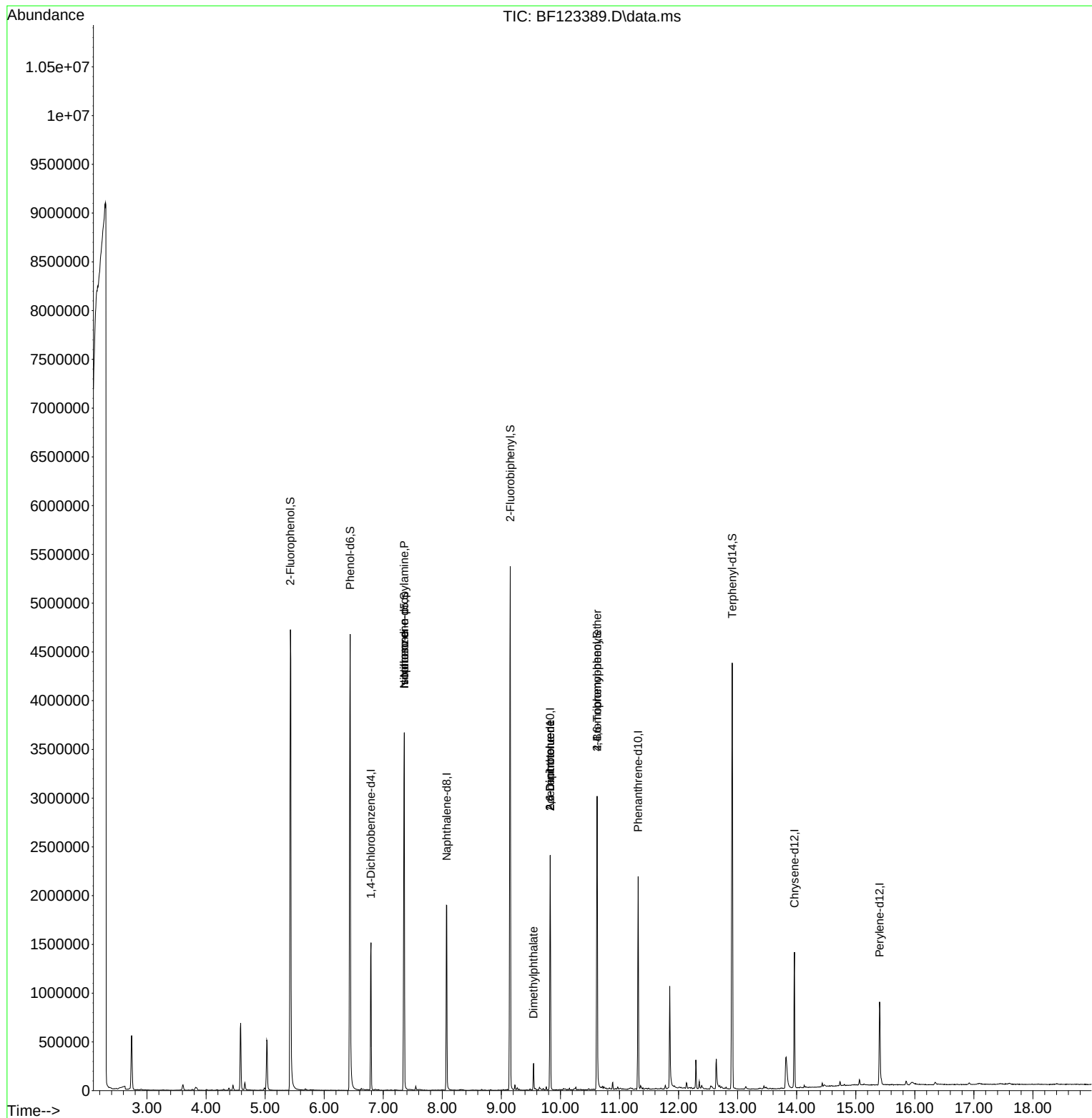
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	230228	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	965564	20.00	ng	# 0.00
39) Acenaphthene-d10	9.827	164	469698	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	738616	20.00	ng	# 0.00
76) Chrysene-d12	13.962	240	442949	20.00	ng	#-0.01
86) Perylene-d12	15.404	264	352059	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1628069	100.43	ng	0.01
7) Phenol-d6	6.439	99	1866152	88.62	ng	0.00
23) Nitrobenzene-d5	7.357	82	1241645	75.53	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	346678	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1859113	81.59	ng	0.00
79) Terphenyl-d14	12.910	244	1614383	70.96	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	2952	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	160196	13.86	ng	# 85
25) Isophorone	7.357	82	1236088	36.23	ng	# 65
50) Dimethylphthalate	9.545	163	107953	3.25	ng	99
51) 2,6-Dinitrotoluene	9.827	165	58855	7.45	ng	# 31
55) Dibenzofuran	10.033	168	441	Below Cal	#	44
57) 2,4-Dinitrotoluene	9.827	165	58855	5.84	ng	# 25
58) Fluorene	10.621	166	20742	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.621	248	21937	3.12	ng	# 1
75) Fluoranthene	12.533	202	568	Below Cal		63

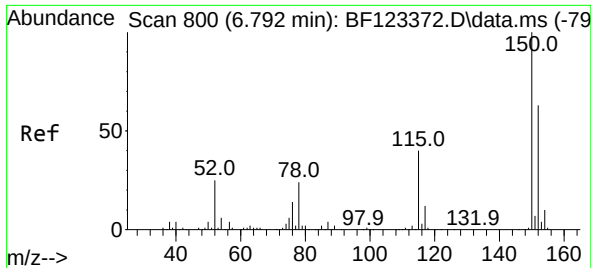
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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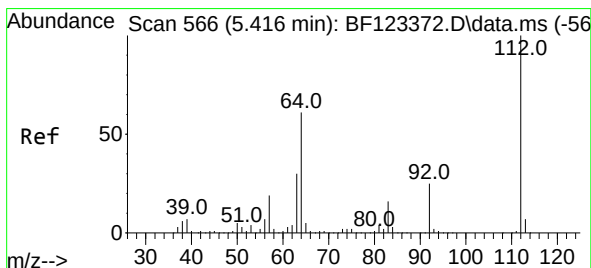
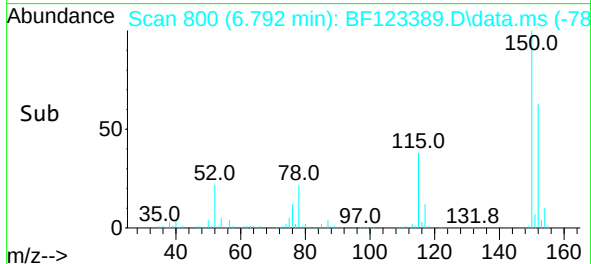
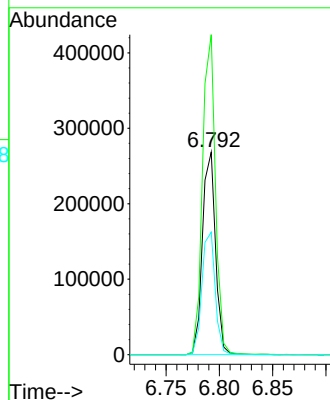
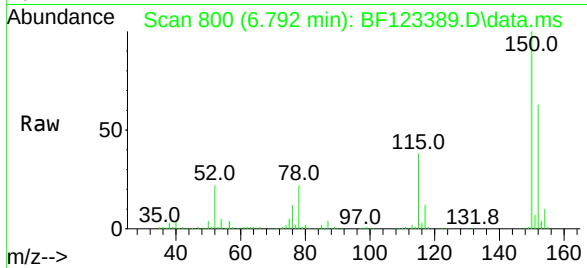




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF123389.D
 Acq: 18 Mar 2021 18:19

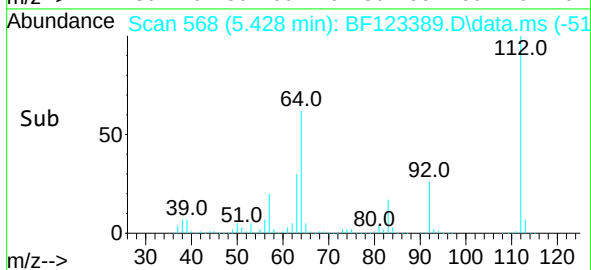
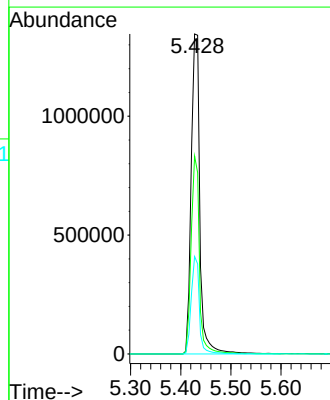
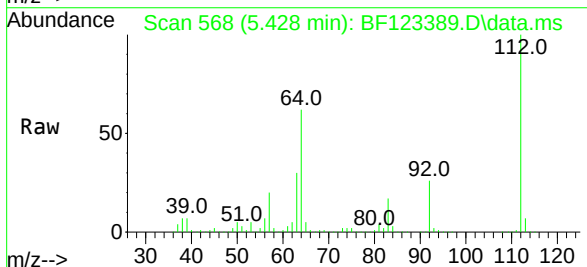
Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLE

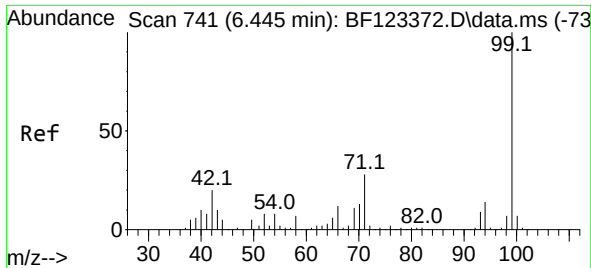
Tgt Ion:152 Resp: 230228
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.8 188.6
 115 60.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 100.43 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.012 min
 Lab File: BF123389.D
 Acq: 18 Mar 2021 18:19

Tgt Ion:112 Resp: 1628069
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.9 70.3
 63 30.5 24.5 36.7

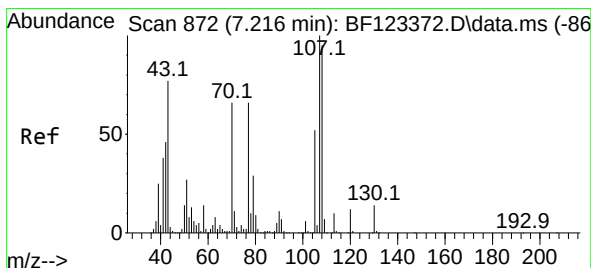
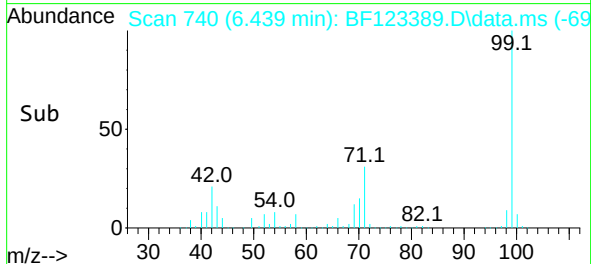
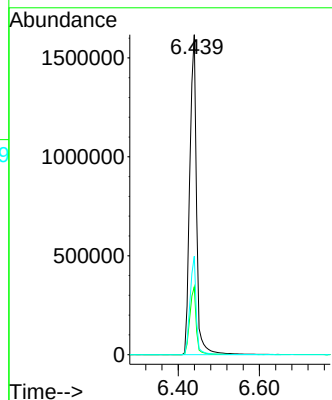
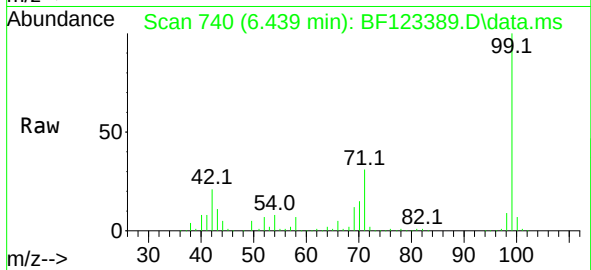




#7
Phenol-d6
Concen: 88.62 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

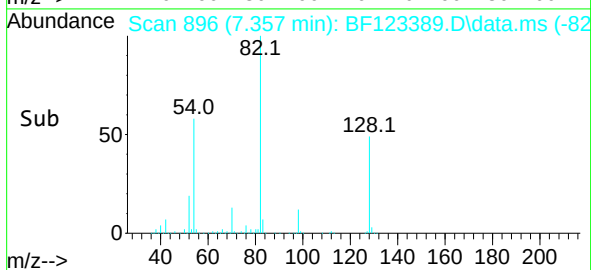
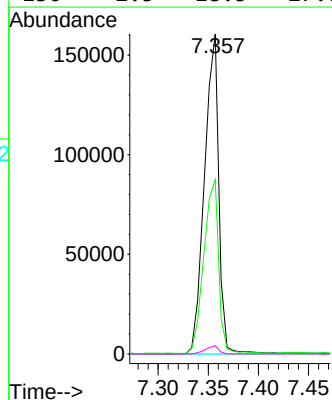
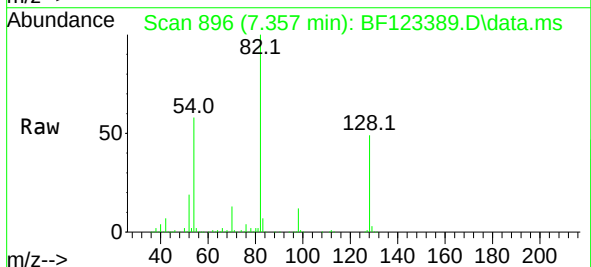
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

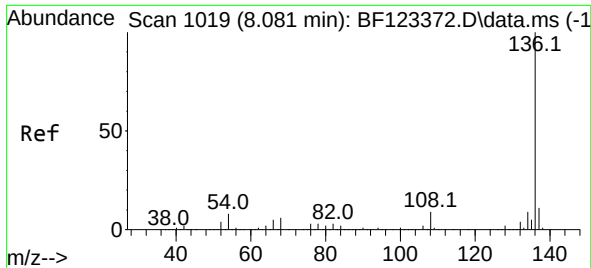
Tgt Ion: 99 Resp: 1866152
Ion Ratio Lower Upper
99 100
42 21.2 13.8 20.6#
71 30.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.86 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

Tgt Ion: 70 Resp: 160196
Ion Ratio Lower Upper
70 100
42 54.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#

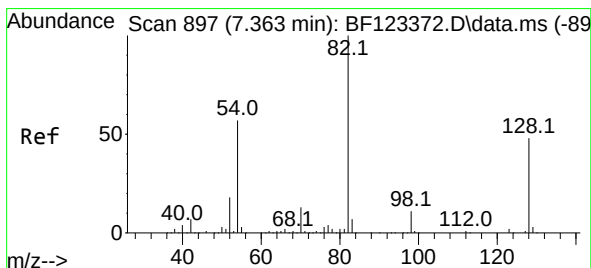
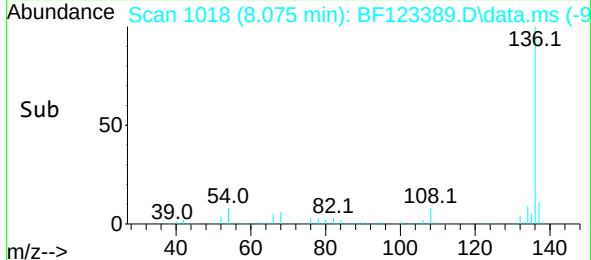
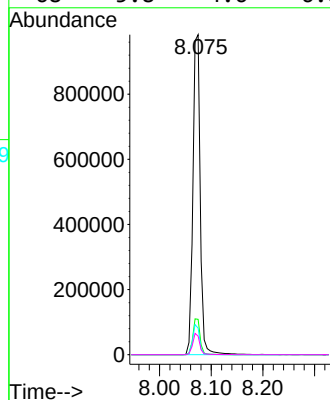
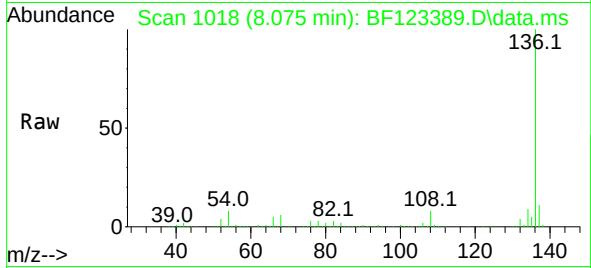




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

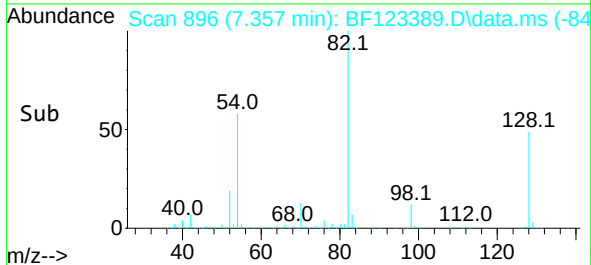
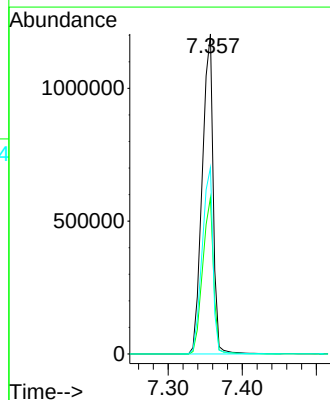
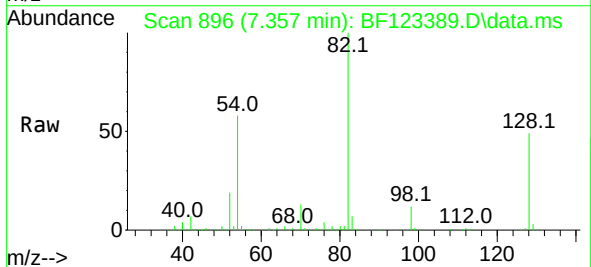
Instrument :
BNA_F
ClientSampleId :
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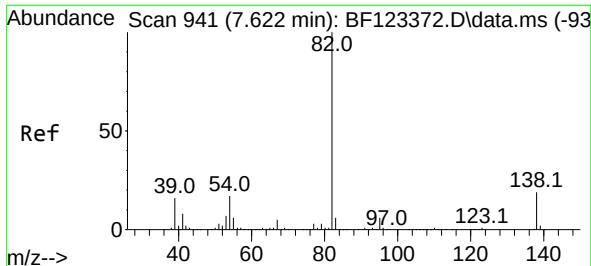
Tgt Ion:136	Resp: 965564
Ion Ratio	Lower Upper
136	100
137	11.0 8.8 13.2
54	8.3 5.5 8.3#
68	5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 75.53 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

Tgt Ion: 82	Resp: 1241645
Ion Ratio	Lower Upper
82	100
128	48.9 37.0 55.4
54	58.2 38.4 57.6#

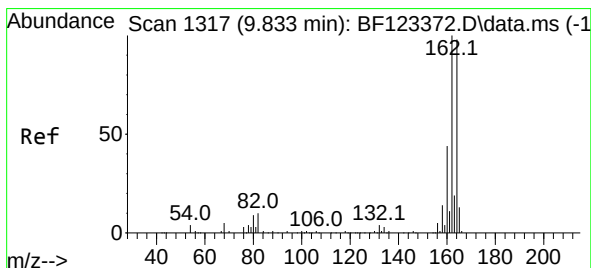
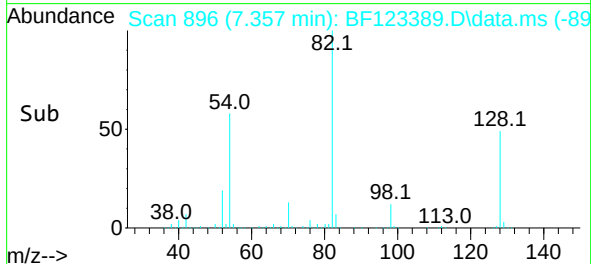
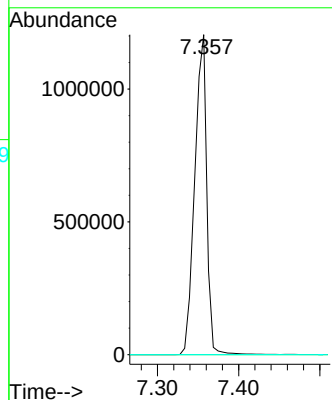
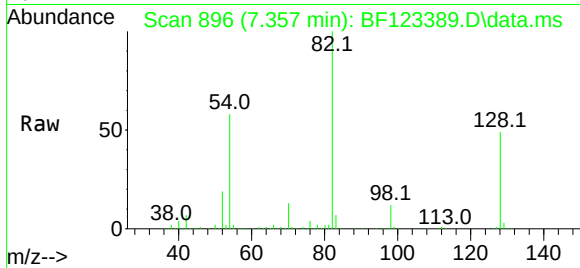




#25
Isophorone
Concen: 36.23 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

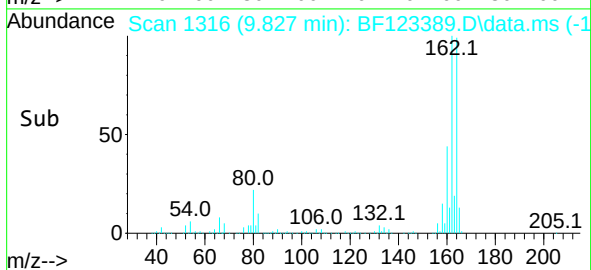
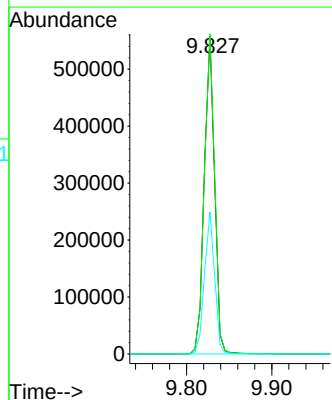
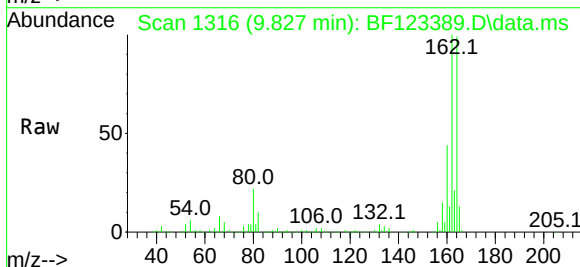
Instrument :
BNA_F
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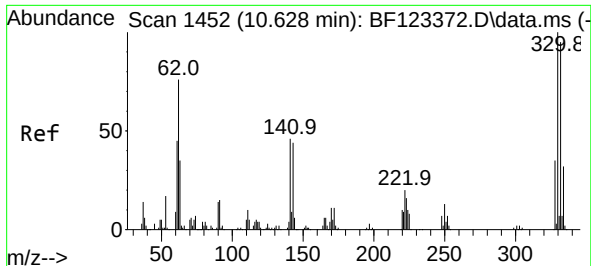
Tgt Ion: 82 Resp: 1236088
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

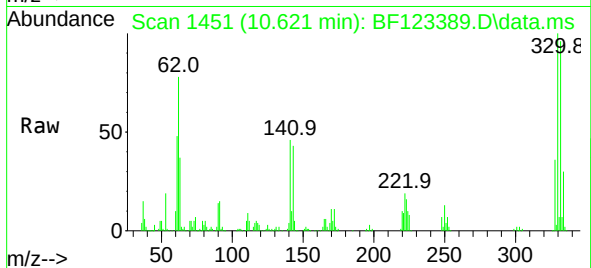
Tgt Ion:164 Resp: 469698
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 44.7 35.4 53.0



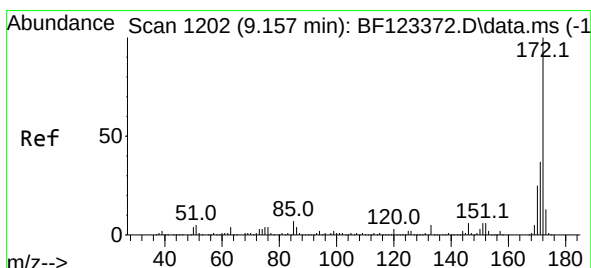
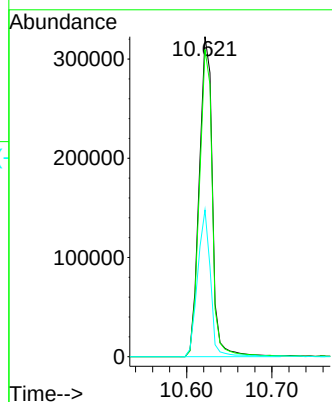
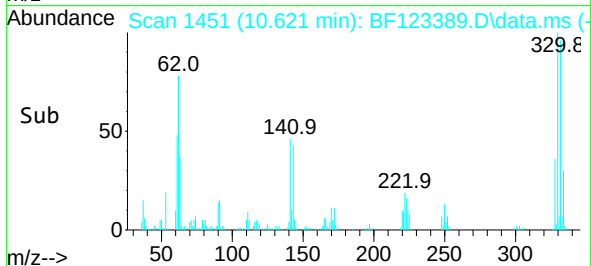


#42
2,4,6-Tribromophenol
Concen: 105.61 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.007 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

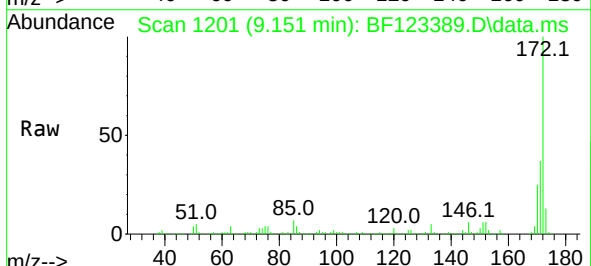
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BNA_F
ClientSampleId :
SP-MANHOLE



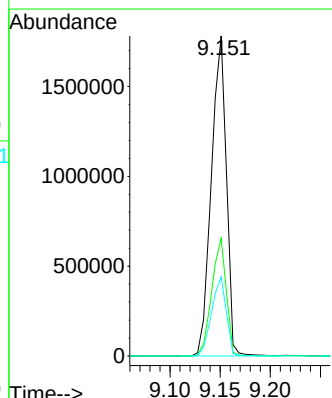
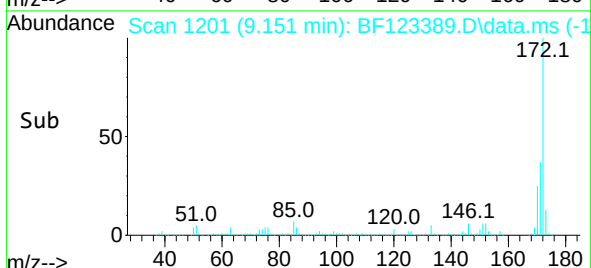
Tgt Ion: 330 Resp: 346678
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 44.7 23.8 35.8#

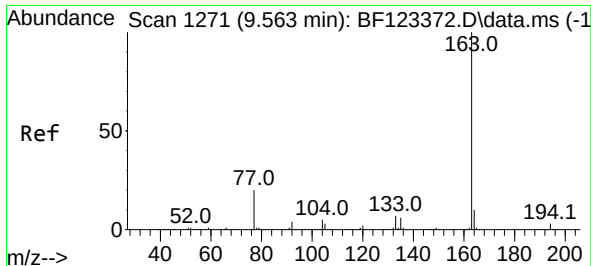


#45
2-Fluorobiphenyl
Concen: 81.59 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19



Tgt Ion: 172 Resp: 1859113
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.7 19.5 29.3

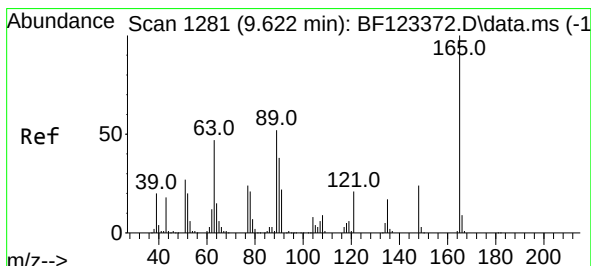
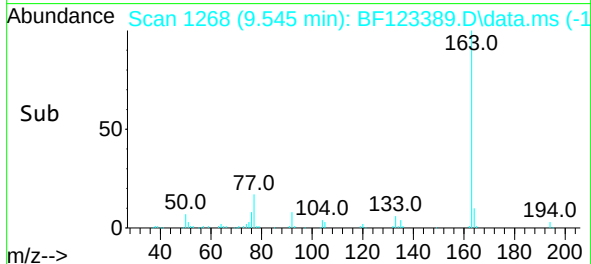
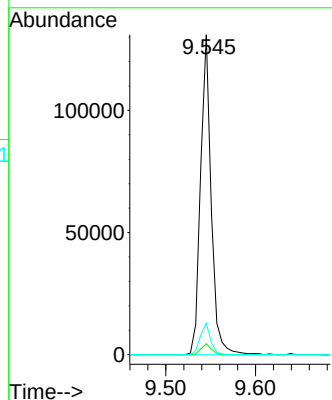
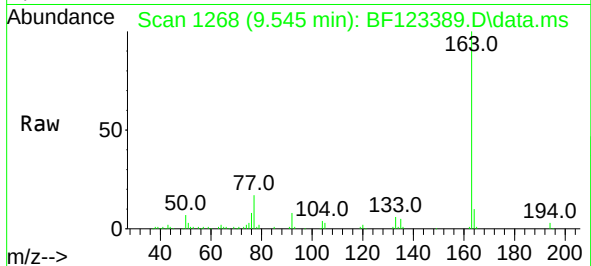




#50
Dimethylphthalate
Concen: 3.25 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

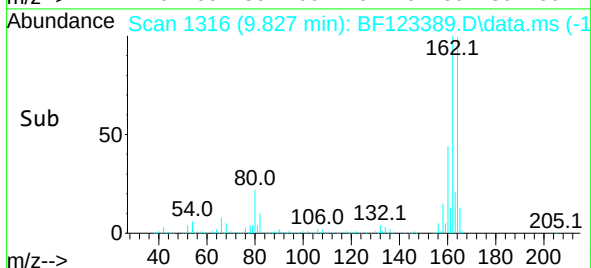
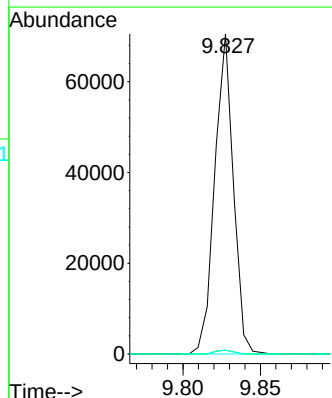
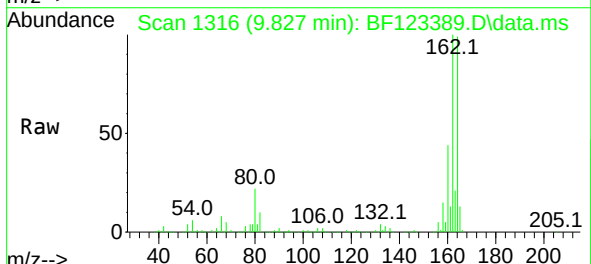
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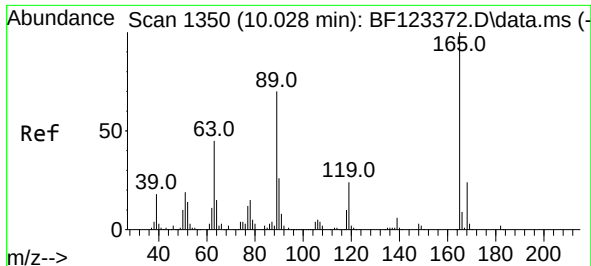
Tgt Ion:163 Resp: 107953
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 9.9 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

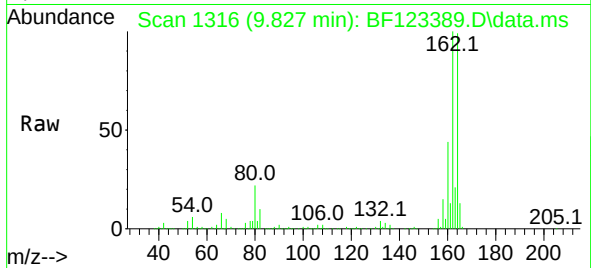
Tgt Ion:165 Resp: 58855
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.2 39.4 59.0#



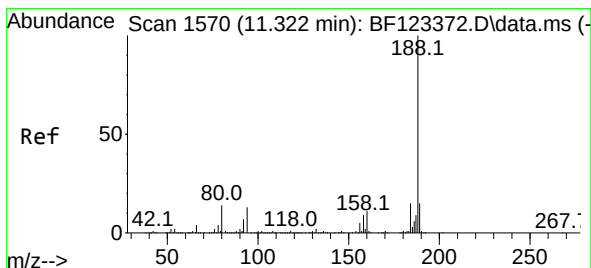
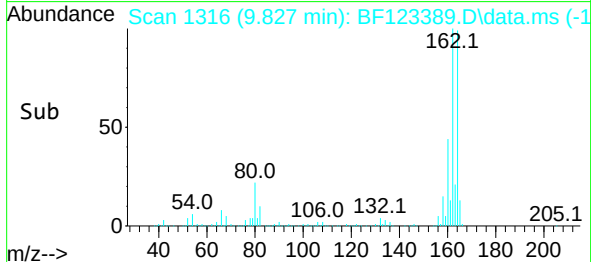
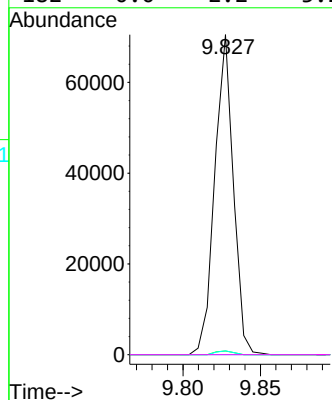


#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

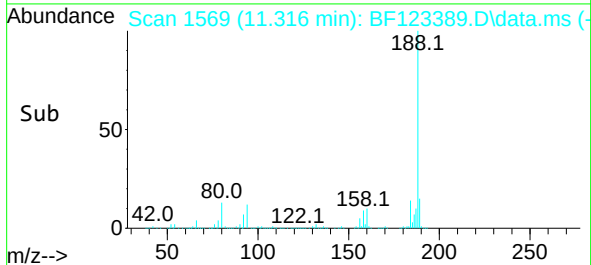
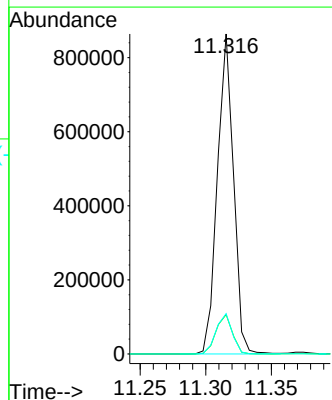
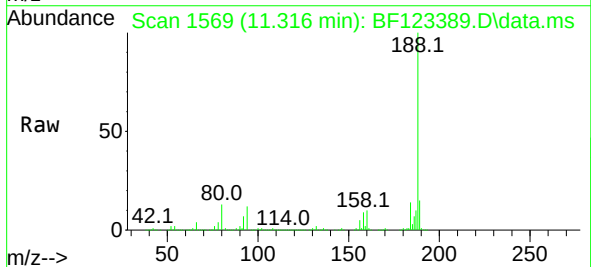


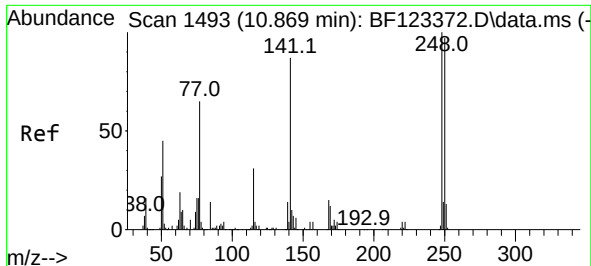
Tgt Ion:165 Resp: 58855
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

Tgt Ion:188 Resp: 738616
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 12.6 8.2 12.4#

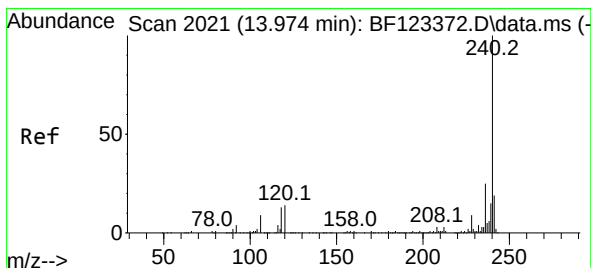
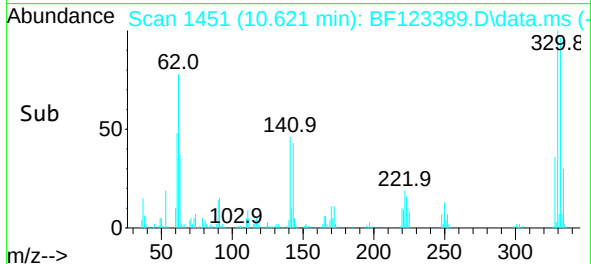
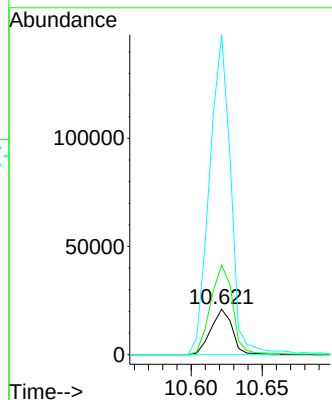
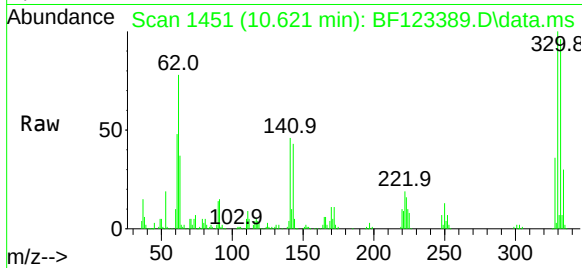




#67
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

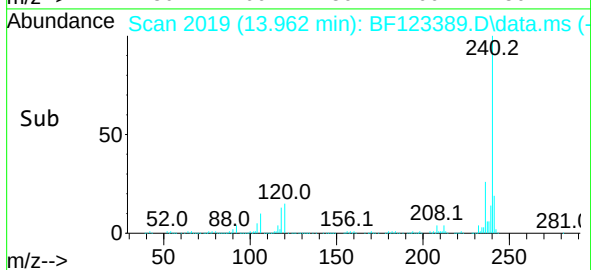
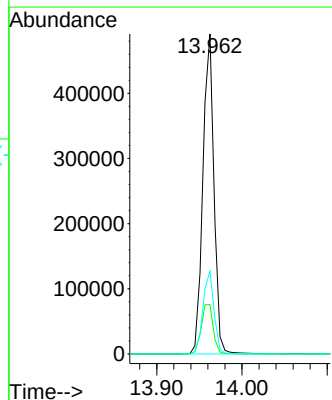
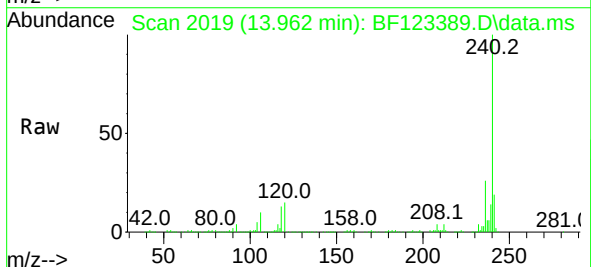
Instrument :
BNA_F
ClientSampleId :
SP-MANHOLE

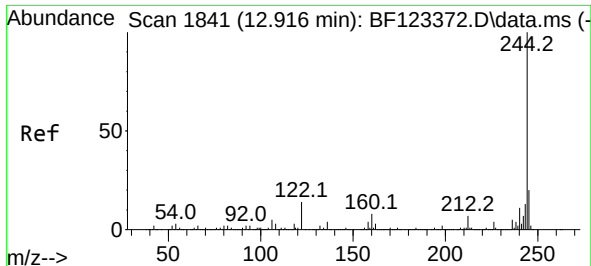
Tgt Ion:248 Resp: 21937
Ion Ratio Lower Upper
248 100
250 197.1 76.8 115.2#
141 704.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123389.D
Acq: 18 Mar 2021 18:19

Tgt Ion:240 Resp: 442949
Ion Ratio Lower Upper
240 100
120 15.4 8.6 12.8#
236 25.9 20.3 30.5

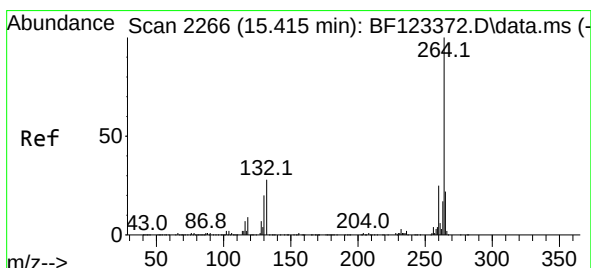
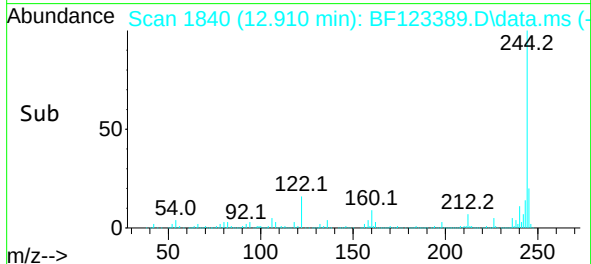
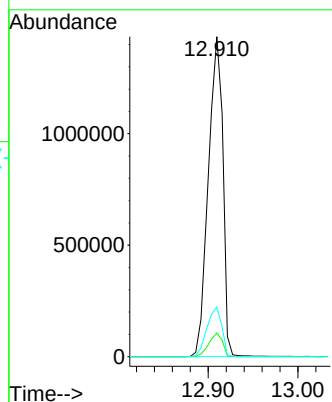
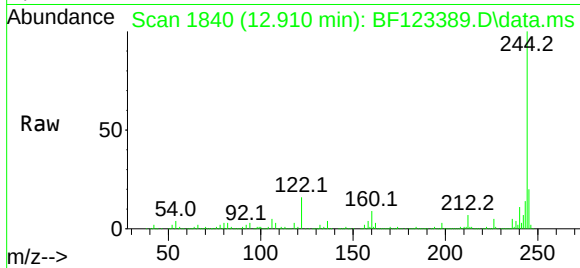




#79
 Terphenyl-d14
 Concen: 70.96 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF123389.D
 Acq: 18 Mar 2021 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-MANHOLE

Tgt Ion:244 Resp: 1614383
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 15.5 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.012 min
 Lab File: BF123389.D
 Acq: 18 Mar 2021 18:19

Tgt Ion:264 Resp: 352059
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 22.5 17.0 25.6

