

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123388.D
 Acq On : 18 Mar 2021 17:47
 Operator : JU/CG
 Sample : M1706-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP:P-1:P-2:P-3:P-4

Quant Time: Mar 18 18:12:15 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)

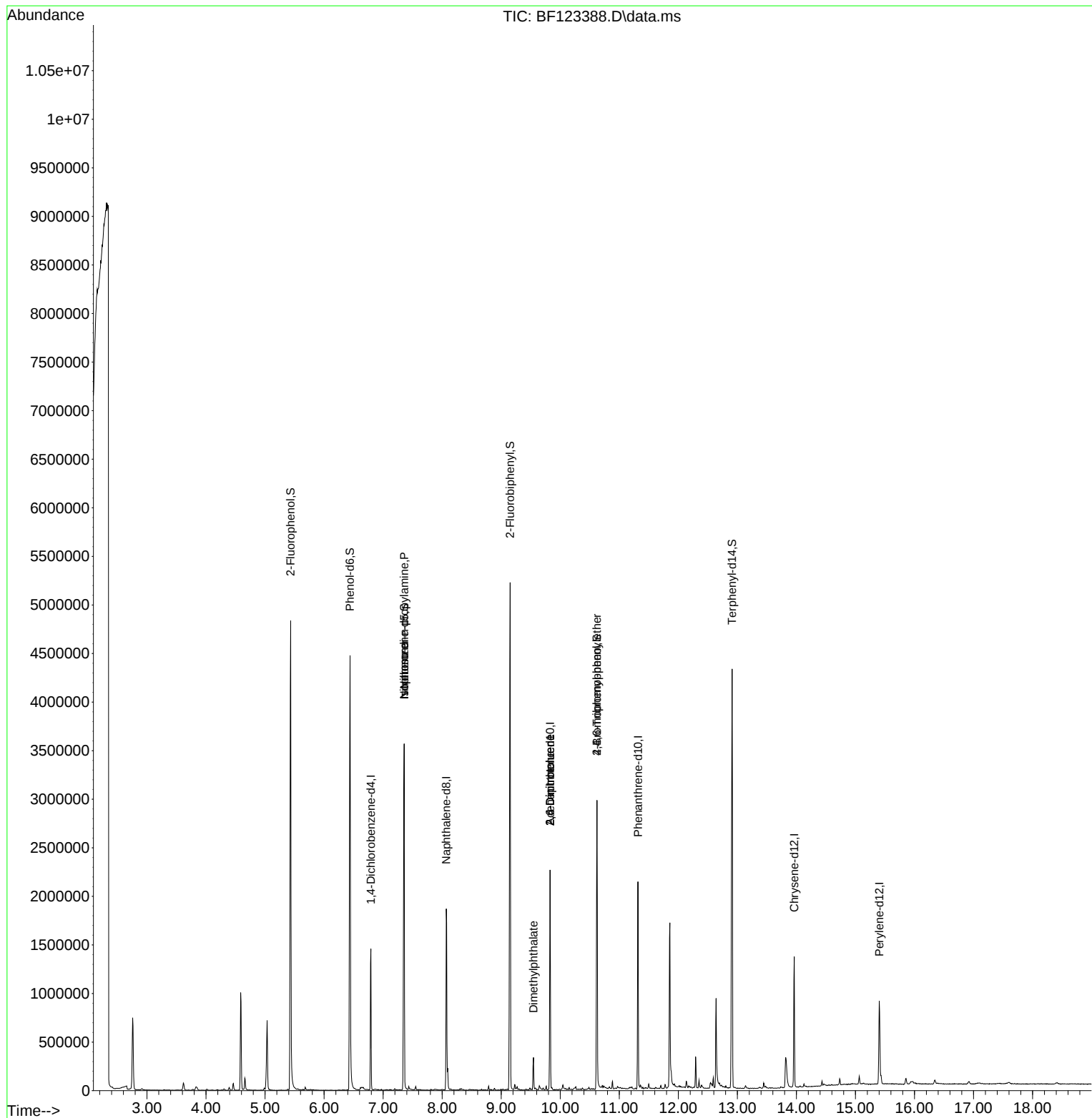
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	219967	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	931419	20.00	ng	#-0.01
39) Acenaphthene-d10	9.827	164	445680	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	715399	20.00	ng	# 0.00
76) Chrysene-d12	13.962	240	421677	20.00	ng	#-0.01
86) Perylene-d12	15.403	264	350003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1582185	102.15	ng	0.02
7) Phenol-d6	6.439	99	1783329	88.64	ng	0.00
23) Nitrobenzene-d5	7.357	82	1223160	77.13	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	339524	109.00	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1880566	89.16	ng	0.00
79) Terphenyl-d14	12.910	244	1581256	73.02	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	764	Below Cal	#	9
19) n-Nitroso-di-n-propyla...	7.357	70	159412	14.43	ng	# 84
20) 3+4-Methylphenols	7.251	107	233	Below Cal	#	6
25) Isophorone	7.357	82	1223149	37.16	ng	# 65
50) Dimethylphthalate	9.545	163	133286	4.23	ng	# 97
51) 2,6-Dinitrotoluene	9.827	165	57192	7.63	ng	# 31
55) Dibenzofuran	10.033	168	4558	Below Cal	#	85
57) 2,4-Dinitrotoluene	9.827	165	57192	5.98	ng	# 25
58) Fluorene	10.374	166	3711	Below Cal		91
67) 4-Bromophenyl-phenylether	10.621	248	21731	3.19	ng	# 1
75) Fluoranthene	12.533	202	1209	Below Cal		83

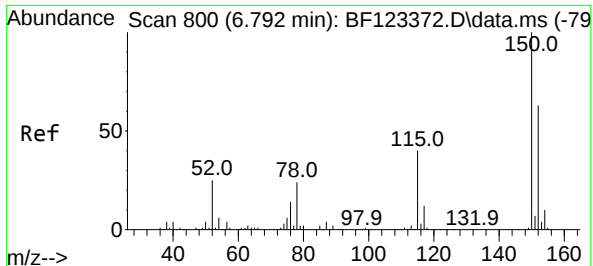
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
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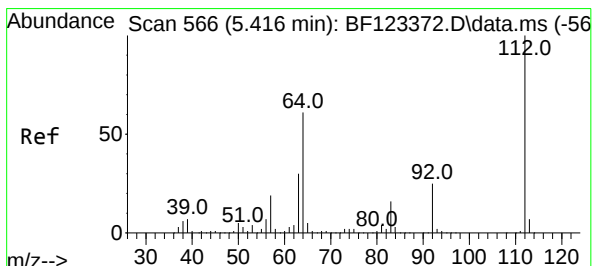
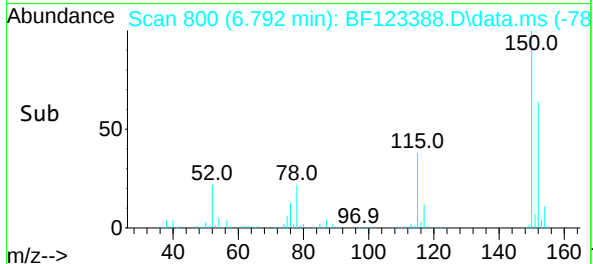
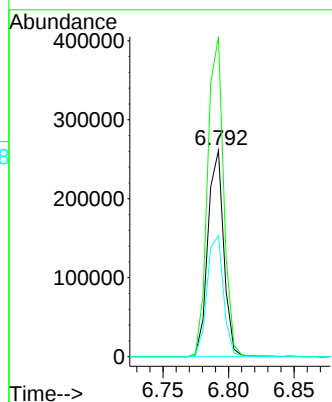
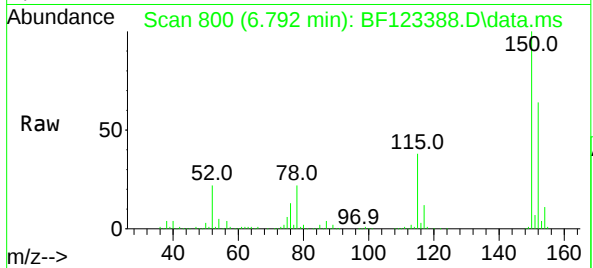




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

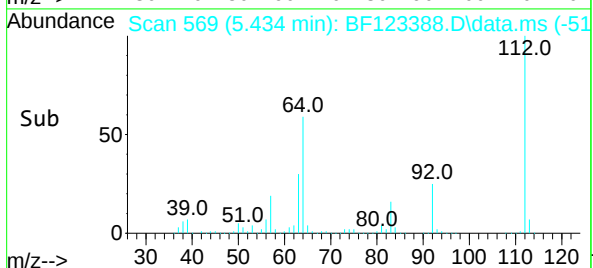
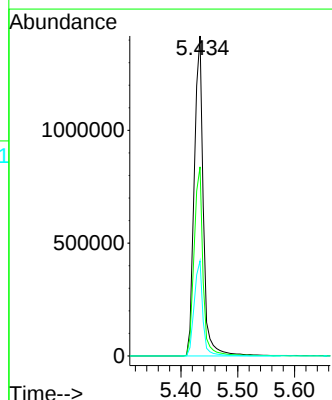
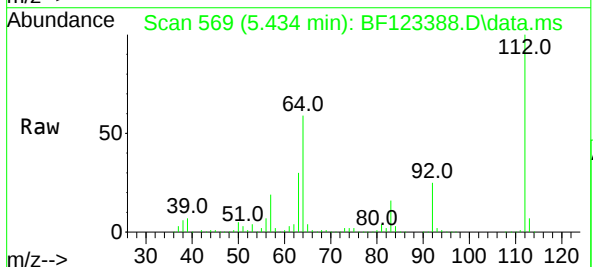
Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4

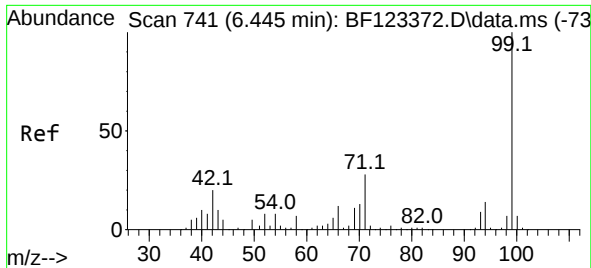
Tgt Ion:152 Resp: 219967
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 58.7 49.3 73.9



#5
2-Fluorophenol
Concen: 102.15 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Tgt Ion:112 Resp: 1582185
Ion Ratio Lower Upper
112 100
64 59.1 46.9 70.3
63 29.7 24.5 36.7

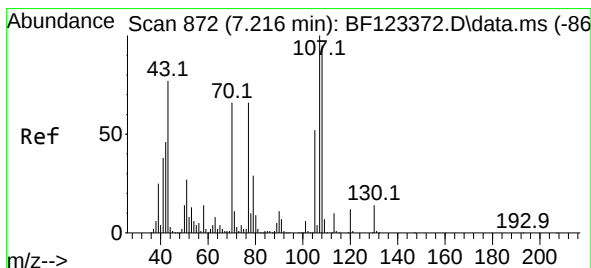
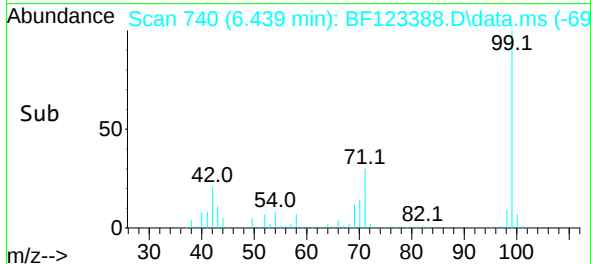
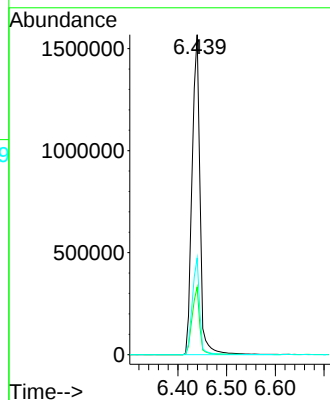
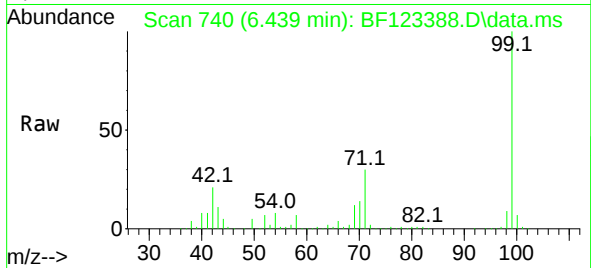




#7
Phenol-d6
Concen: 88.64 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

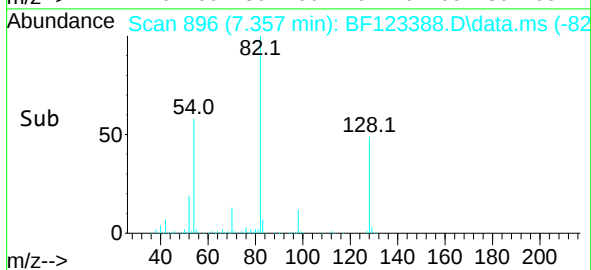
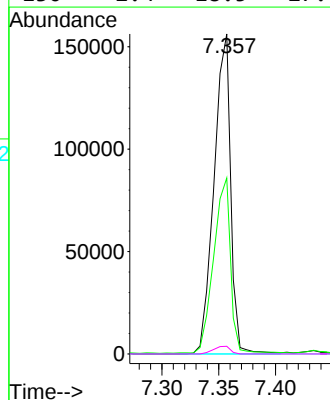
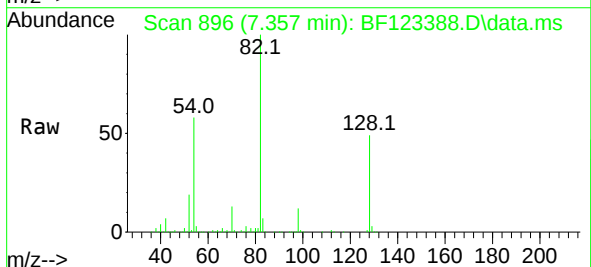
Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4

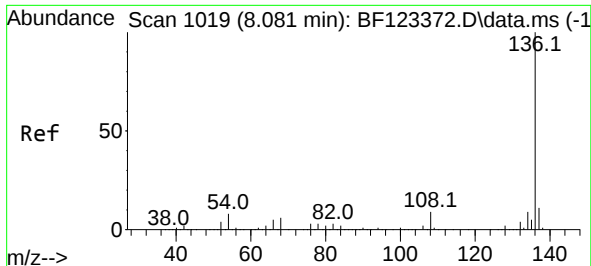
Tgt Ion: 99 Resp: 1783329
Ion Ratio Lower Upper
99 100
42 21.1 13.8 20.6#
71 30.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

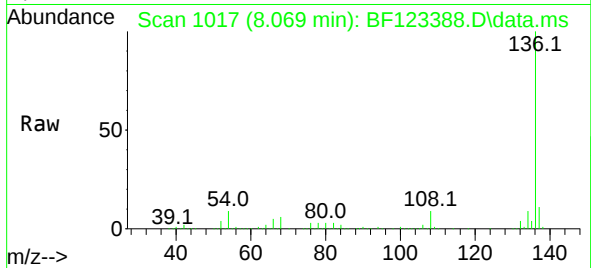
Tgt Ion: 70 Resp: 159412
Ion Ratio Lower Upper
70 100
42 55.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



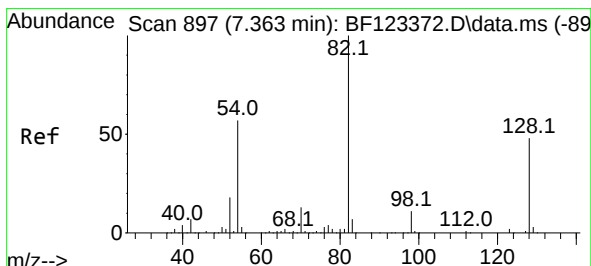
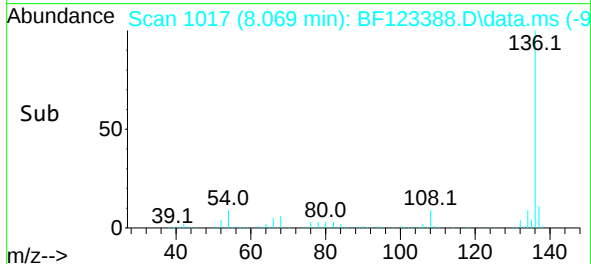
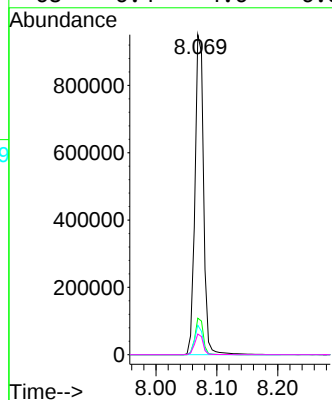


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4

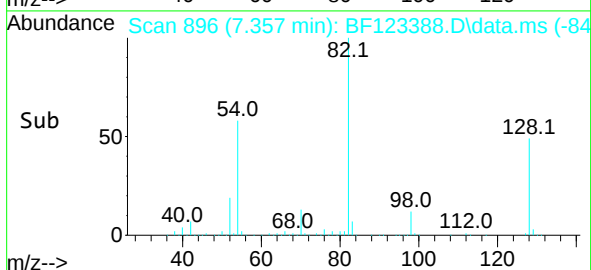
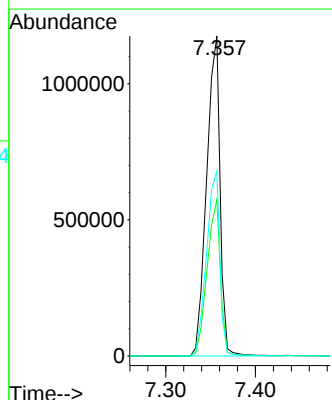
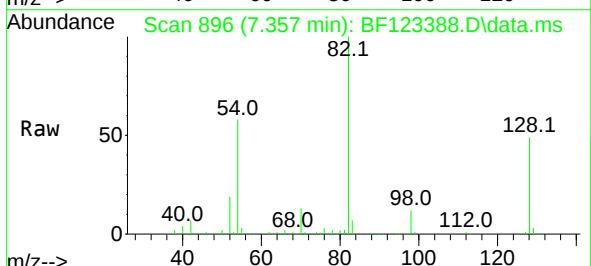


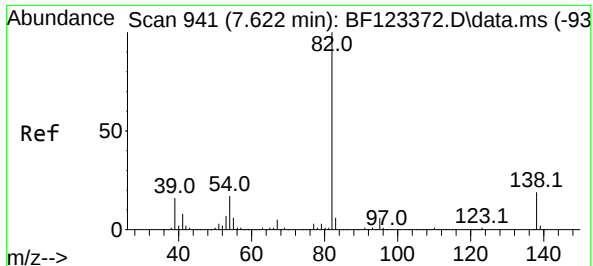
Tgt Ion:136 Resp: 931419
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 77.13 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Tgt Ion: 82 Resp: 1223160
Ion Ratio Lower Upper
82 100
128 48.8 37.0 55.4
54 57.8 38.4 57.6#

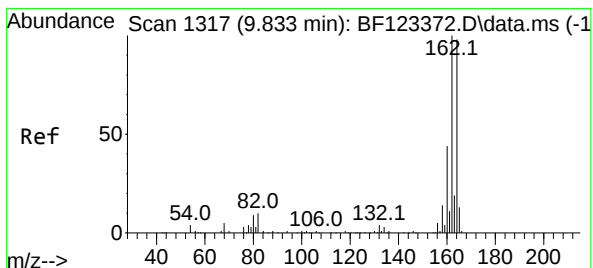
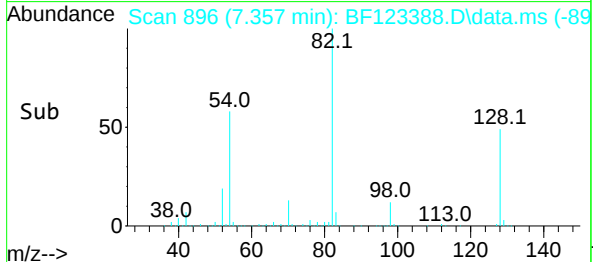
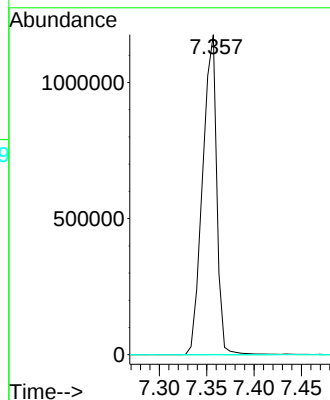
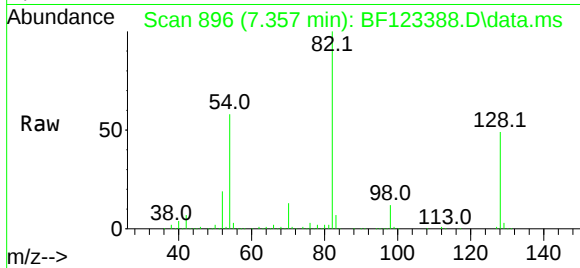




#25
Isophorone
Concen: 37.16 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

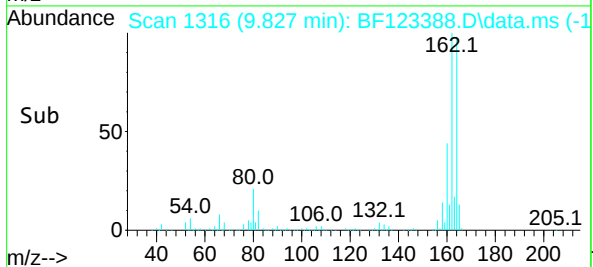
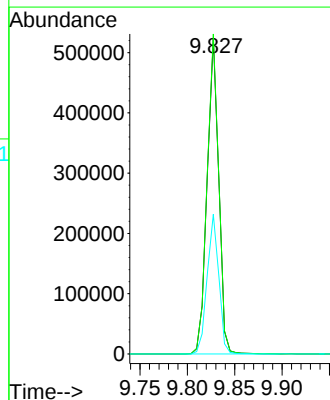
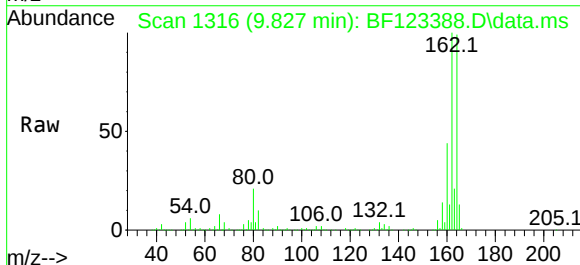
Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4

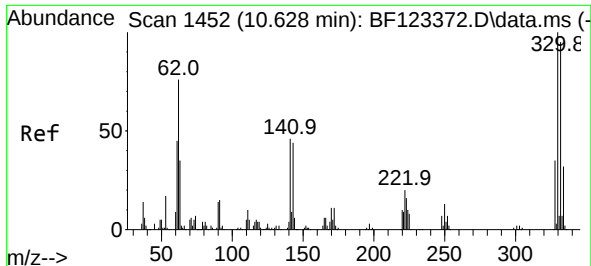
Tgt Ion: 82 Resp: 1223149
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

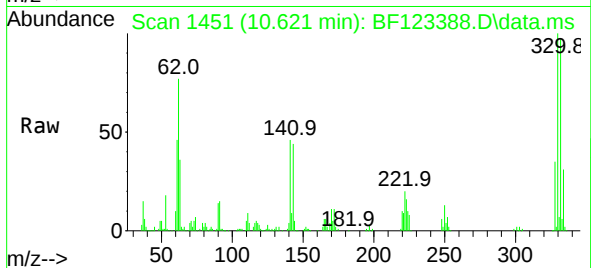
Tgt Ion: 164 Resp: 445680
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 44.2 35.4 53.0



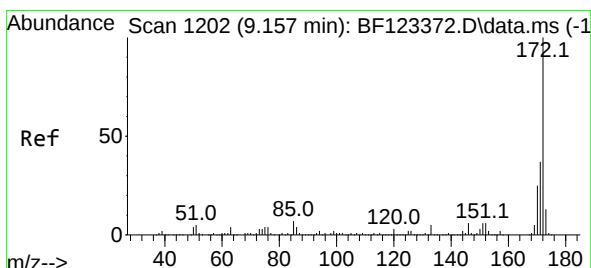
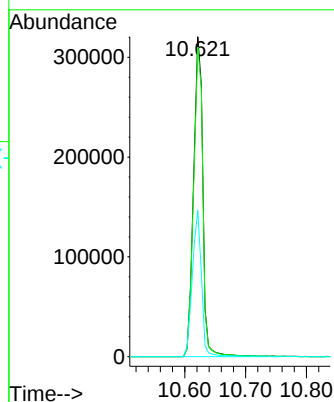
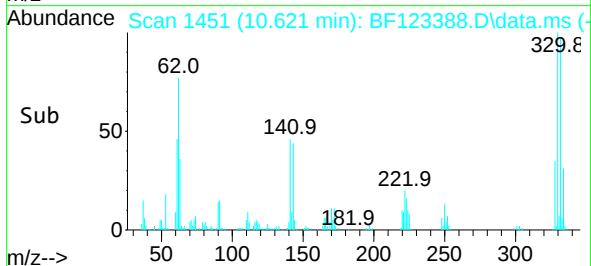


#42
2,4,6-Tribromophenol
Concen: 109.00 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.007 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

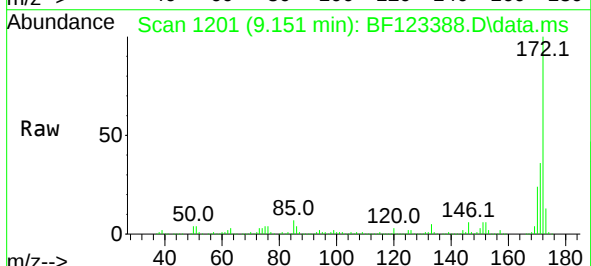
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BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4



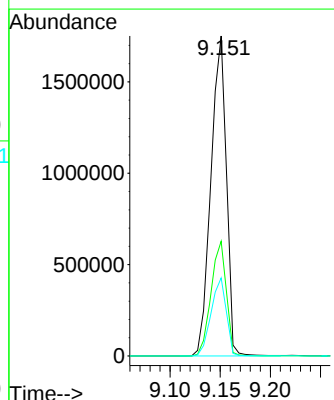
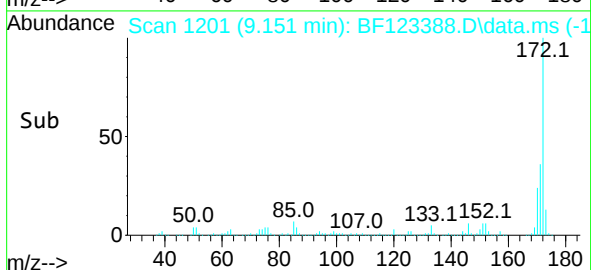
Tgt Ion:330 Resp: 339524
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 45.5 23.8 35.8#

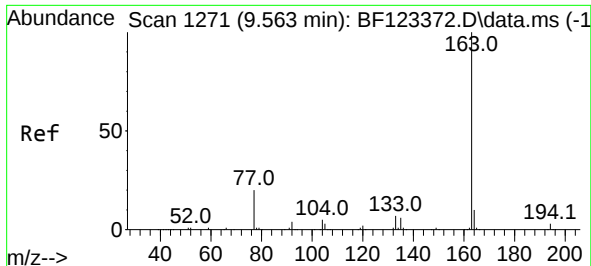


#45
2-Fluorobiphenyl
Concen: 89.16 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47



Tgt Ion:172 Resp: 1880566
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.4 19.5 29.3

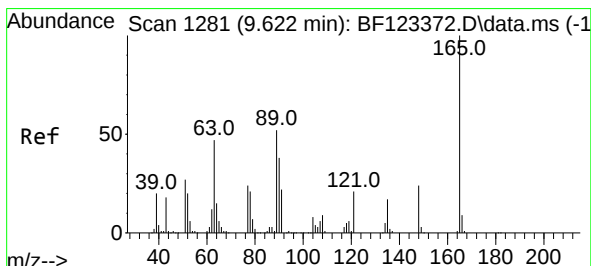
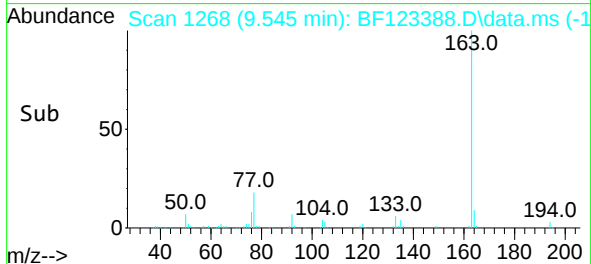
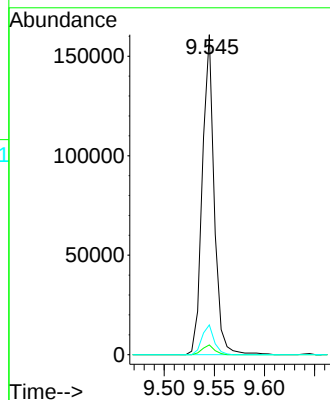
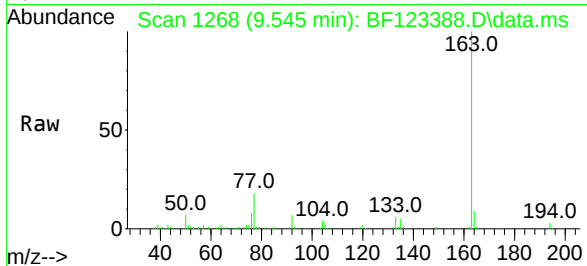




#50
Dimethylphthalate
Concen: 4.23 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

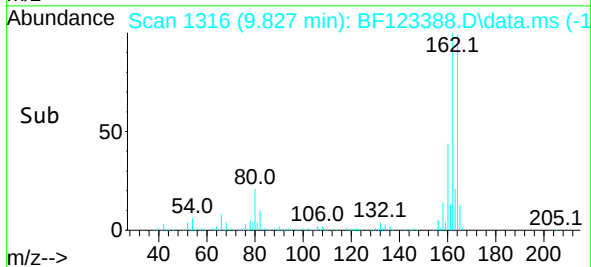
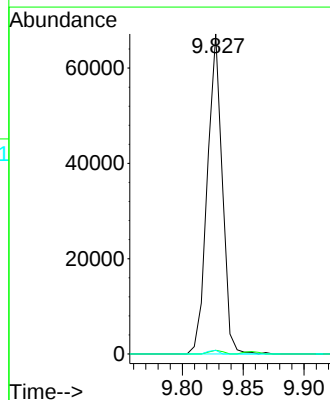
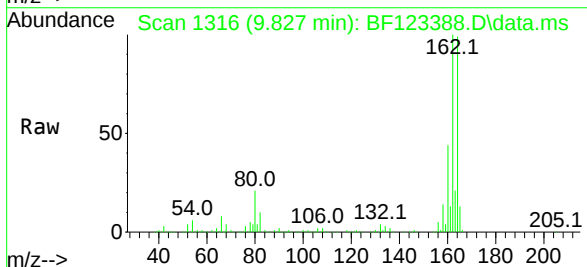
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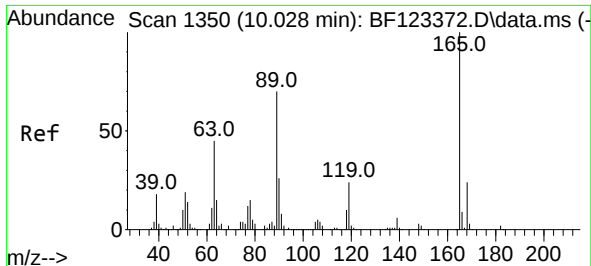
Tgt Ion:163 Resp: 133286
Ion Ratio Lower Upper
163 100
194 3.0 3.4 5.0#
164 9.3 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Tgt Ion:165 Resp: 57192
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#

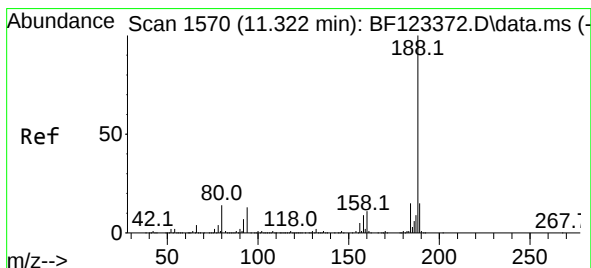
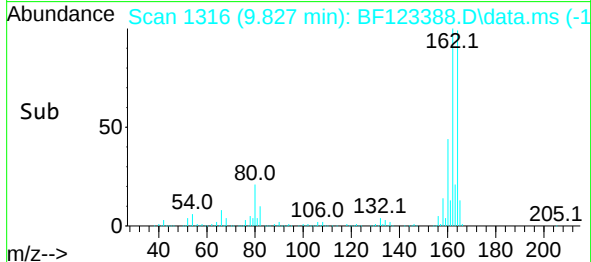
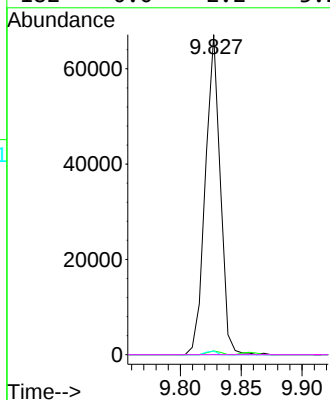
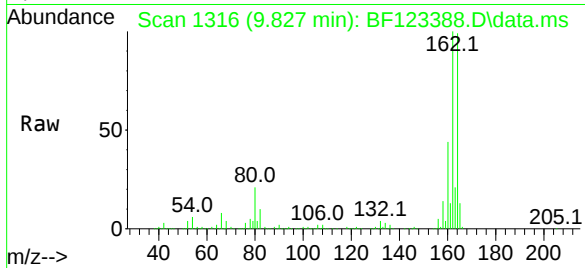




#57
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

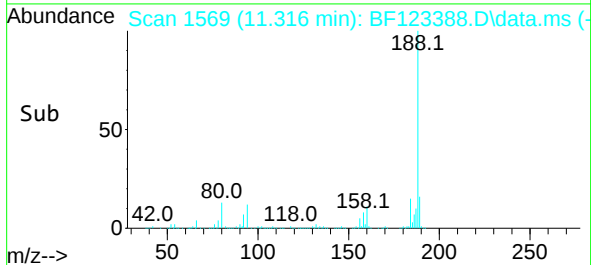
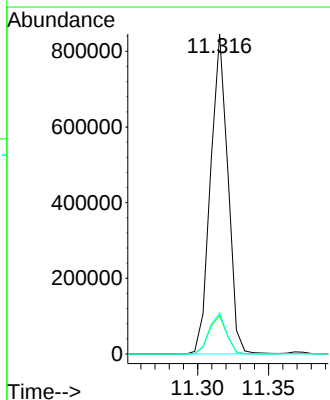
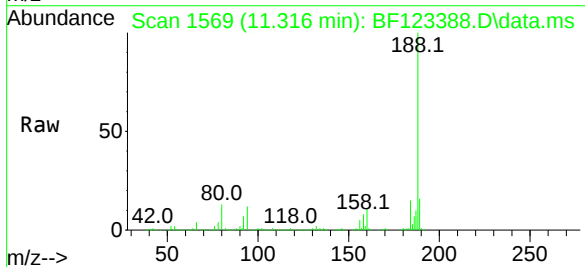
Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4

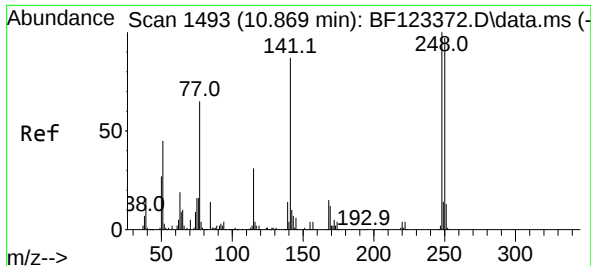
Tgt Ion:165	Resp:	57192
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

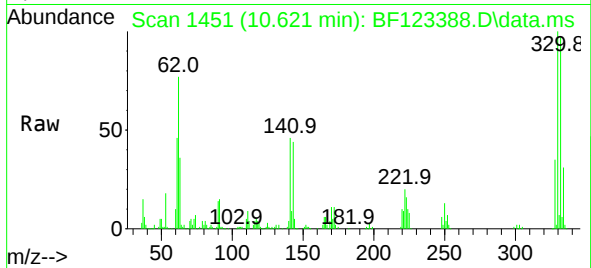
Tgt Ion:188	Resp:	715399
Ion Ratio	Lower	Upper
188	100	
94	12.0	7.4 11.2#
80	12.8	8.2 12.4#



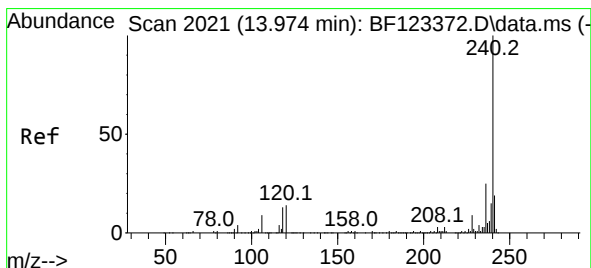
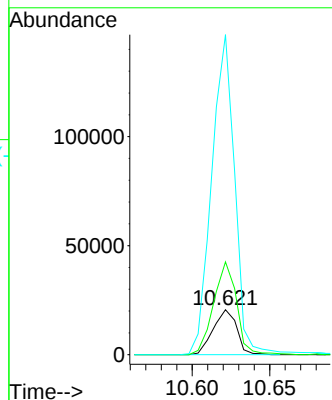
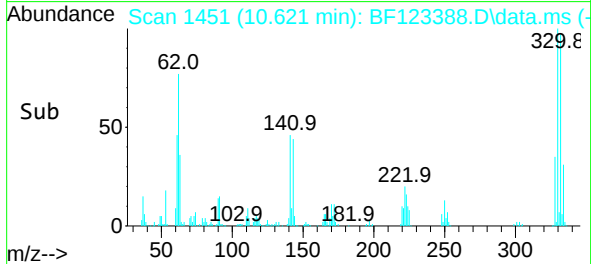


#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

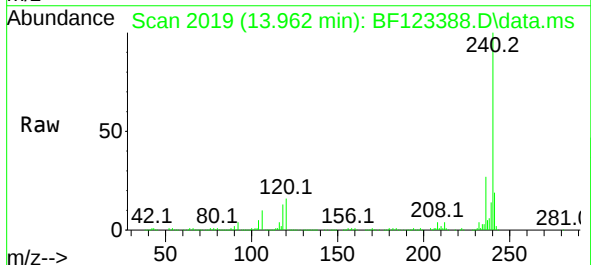
Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4



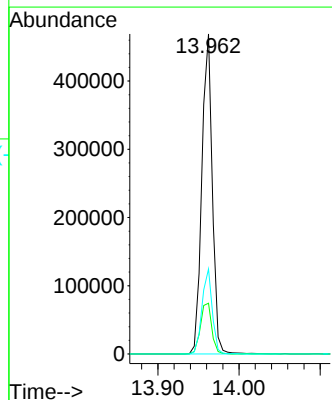
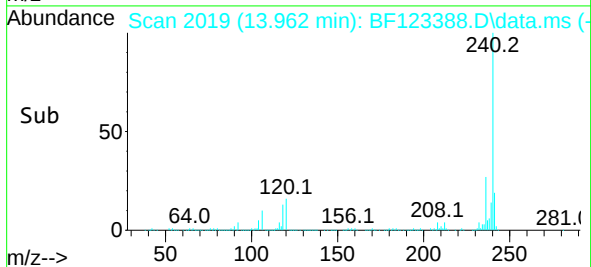
Tgt Ion:248 Resp: 21731
Ion Ratio Lower Upper
248 100
250 206.4 76.8 115.2#
141 711.0 59.8 89.8#

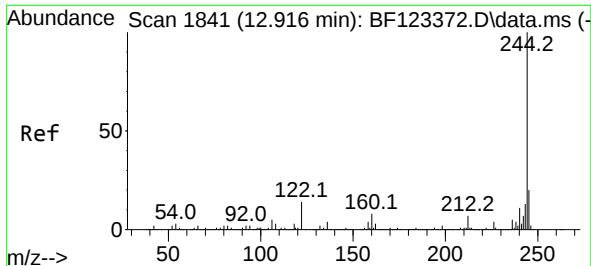


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47



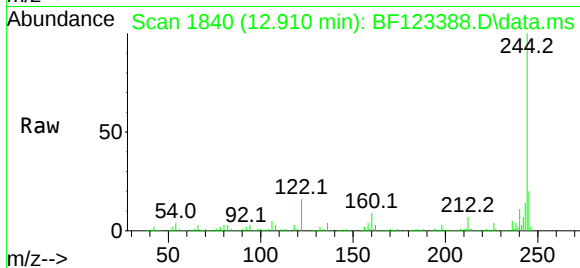
Tgt Ion:240 Resp: 421677
Ion Ratio Lower Upper
240 100
120 15.9 8.6 12.8#
236 26.6 20.3 30.5



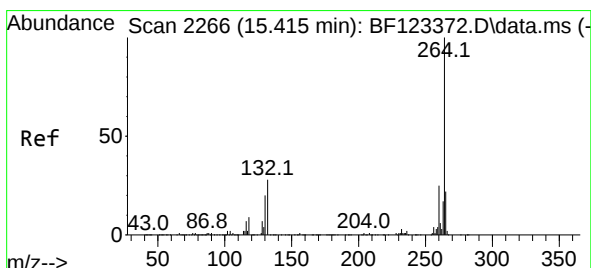
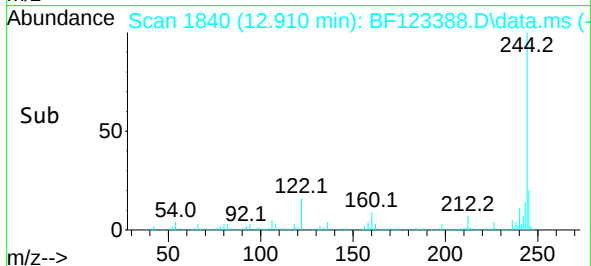
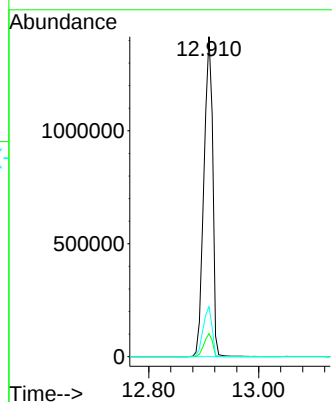


#79
Terphenyl-d14
Concen: 73.02 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Instrument :
BNA_F
ClientSampleId :
COMP:P-1:P-2:P-3:P-4



Tgt Ion:244 Resp: 1581256
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 15.6 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.403 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BF123388.D
Acq: 18 Mar 2021 17:47

Tgt Ion:264 Resp: 350003
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.6 17.0 25.6

