

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123383.D
 Acq On : 18 Mar 2021 15:00
 Operator : JU/CG
 Sample : PB135224BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135224BL

Quant Time: Mar 18 15:20:34 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)

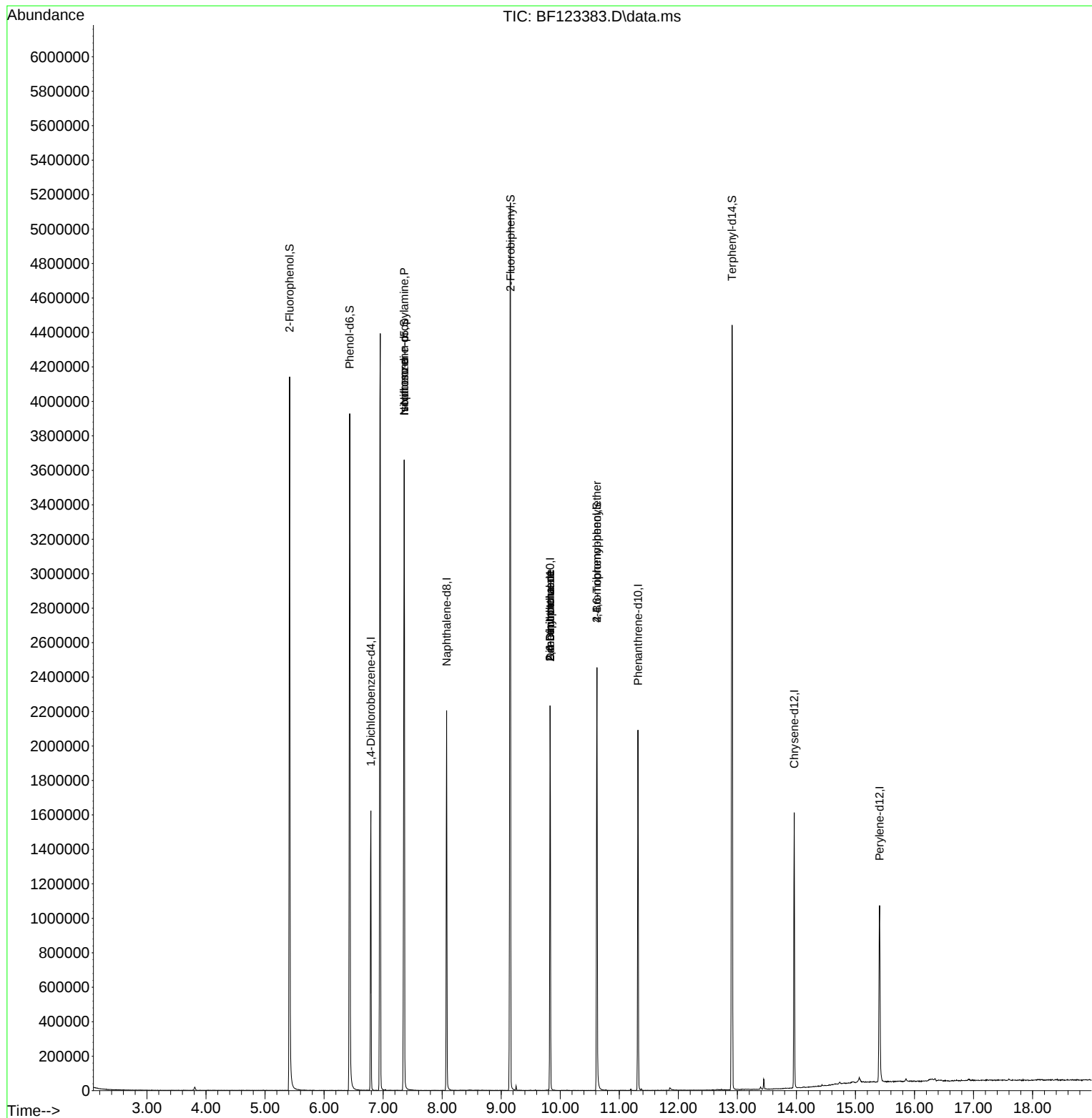
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	244366	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	964556	20.00	ng	0.00
39) Acenaphthene-d10	9.827	164	462420	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	725801	20.00	ng	# 0.00
76) Chrysene-d12	13.962	240	511314	20.00	ng	#-0.01
86) Perylene-d12	15.409	264	428550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1291446	75.05	ng	0.00
7) Phenol-d6	6.434	99	1572341	70.35	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1322042	80.50	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	264736	81.91	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1898511	85.86	ng	0.00
79) Terphenyl-d14	12.910	244	1804007	68.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	1715	Below Cal	#	1
10) Phenol	6.439	94	135	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	167287	13.63	ng	# 82
20) 3+4-Methylphenols	6.951	107	110	Below Cal	#	1
25) Isophorone	7.357	82	1318288	38.68	ng	# 65
50) Dimethylphthalate	9.827	163	77872	2.38	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	59415	7.64	ng	# 31
57) 2,4-Dinitrotoluene	9.827	165	59415	5.99	ng	# 25
58) Fluorene	10.621	166	16501	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.621	248	16957	2.45	ng	# 1

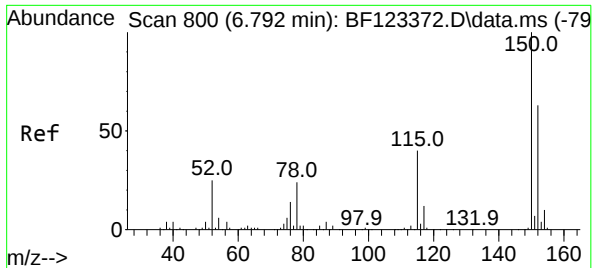
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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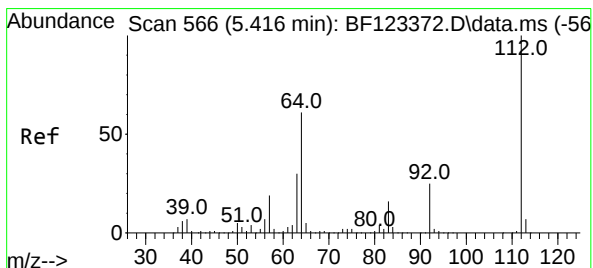
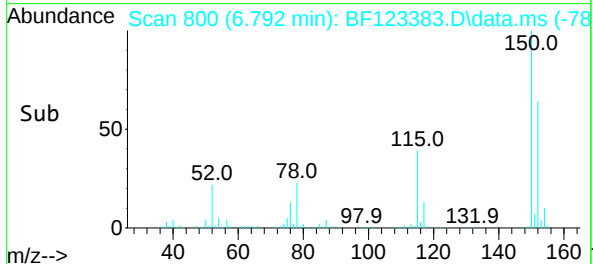
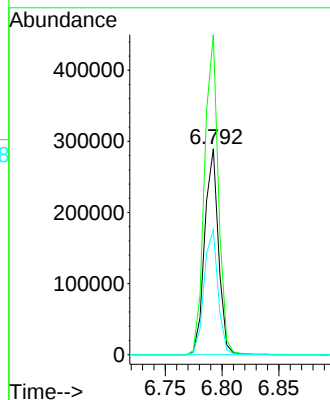
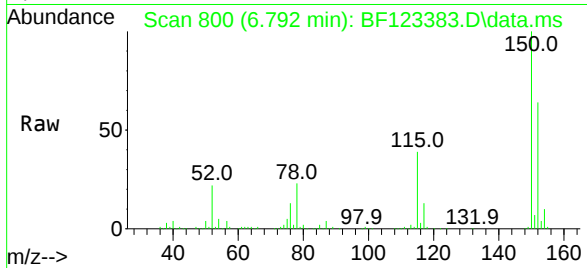




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

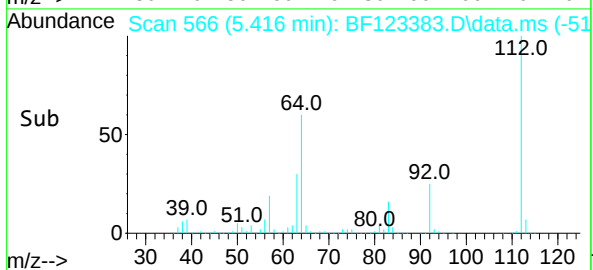
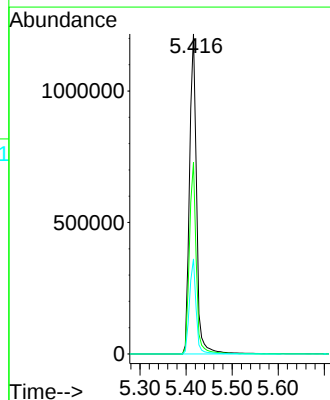
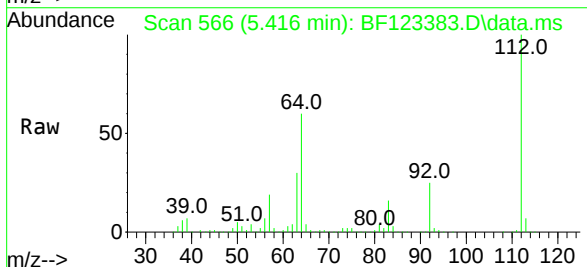
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BNA_F
ClientSampleId :
PB135224BL

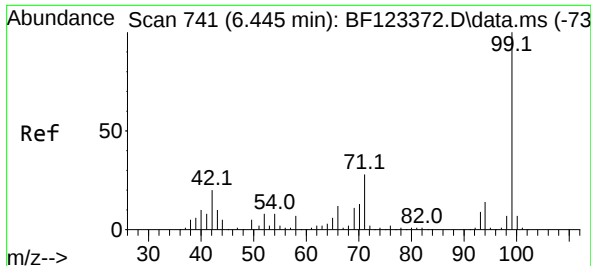
Tgt Ion:152 Resp: 244366
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 75.05 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.000 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion:112 Resp: 1291446
Ion Ratio Lower Upper
112 100
64 59.8 46.9 70.3
63 29.7 24.5 36.7

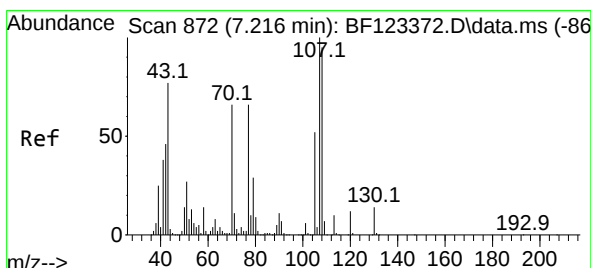
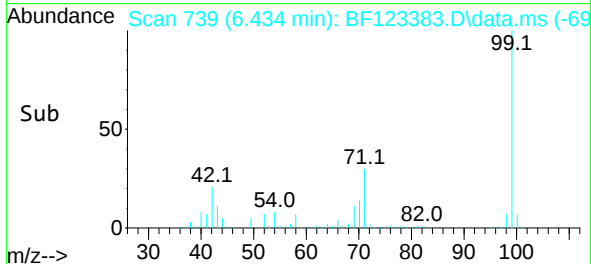
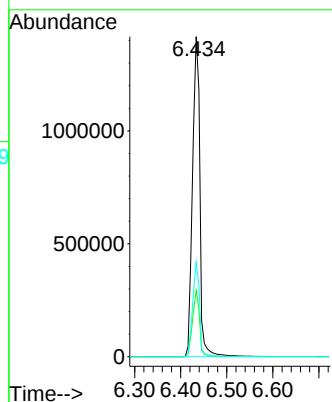
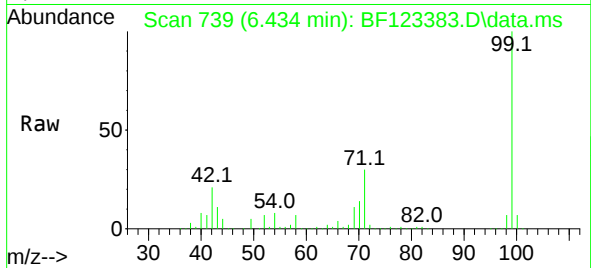




#7
Phenol-d6
Concen: 70.35 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

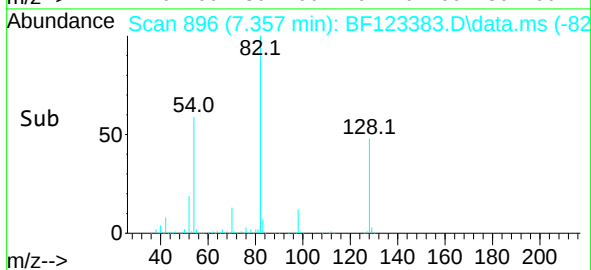
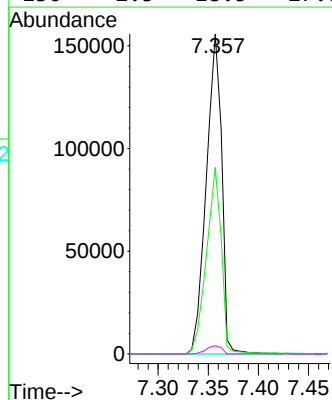
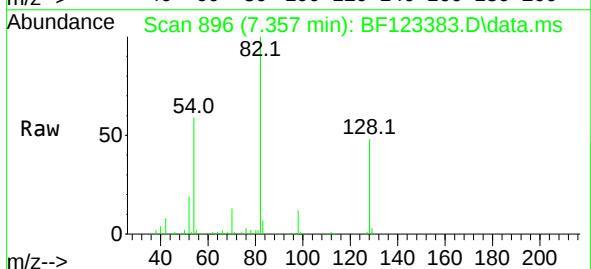
Instrument :
BNA_F
ClientSampleId :
PB135224BL

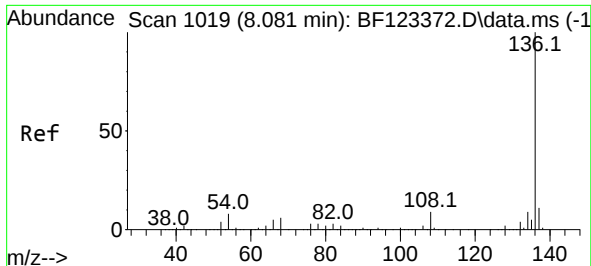
Tgt Ion: 99 Resp: 1572341
Ion Ratio Lower Upper
99 100
42 20.7 13.8 20.6#
71 29.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

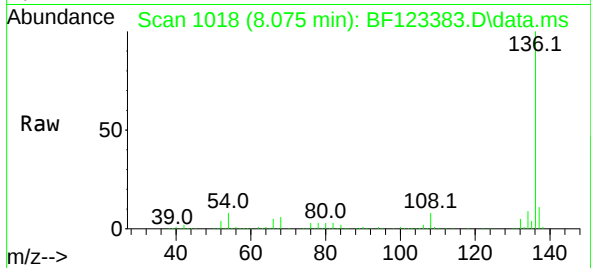
Tgt Ion: 70 Resp: 167287
Ion Ratio Lower Upper
70 100
42 58.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



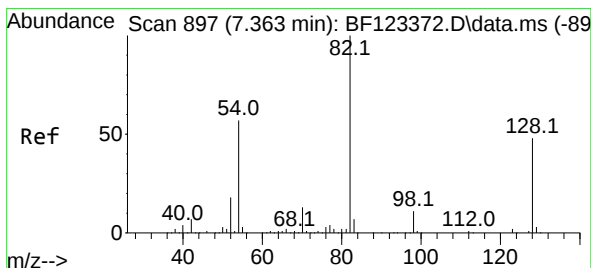
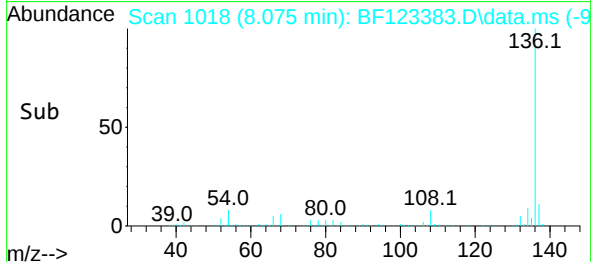
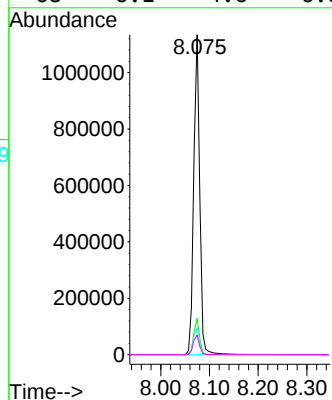


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB135224BL

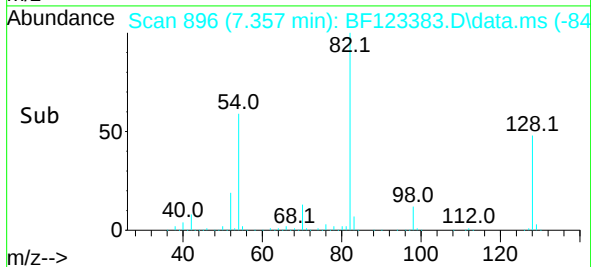
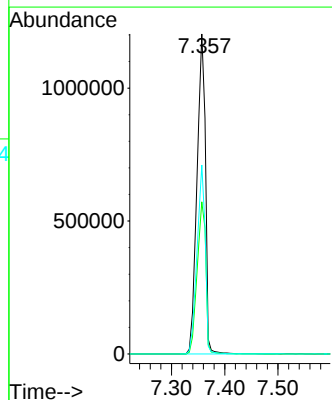
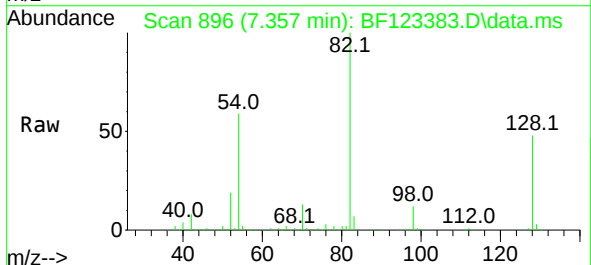


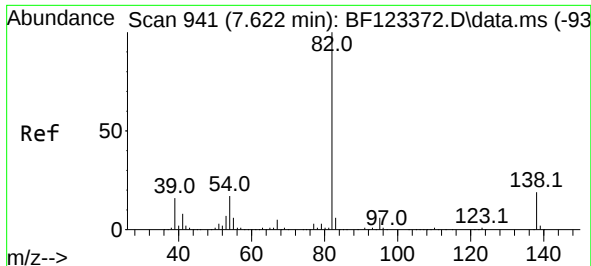
Tgt Ion:136 Resp: 964556
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 5.5 8.3
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 80.50 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion: 82 Resp: 1322042
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 59.0 38.4 57.6#

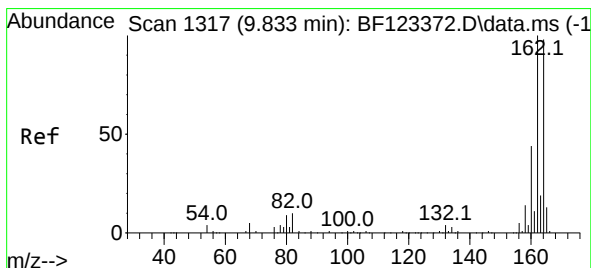
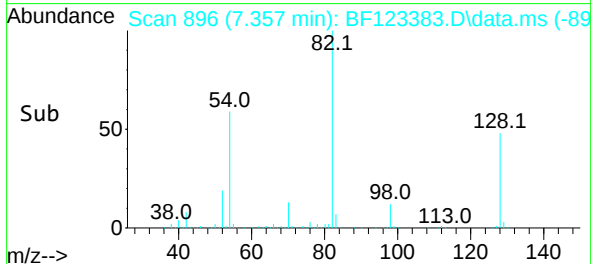
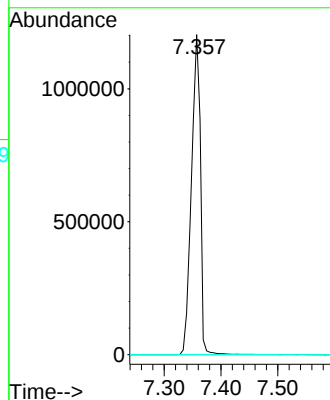
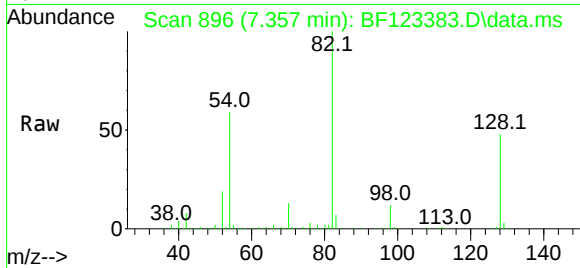




#25
Isophorone
Concen: 38.68 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

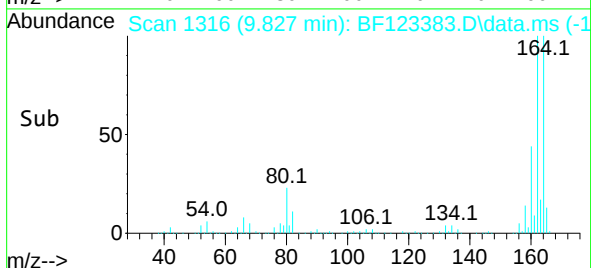
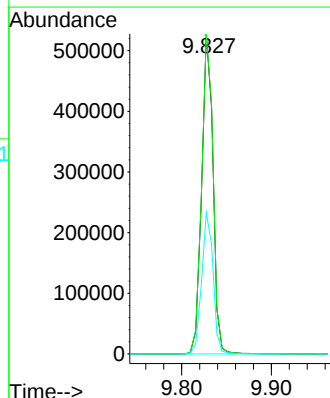
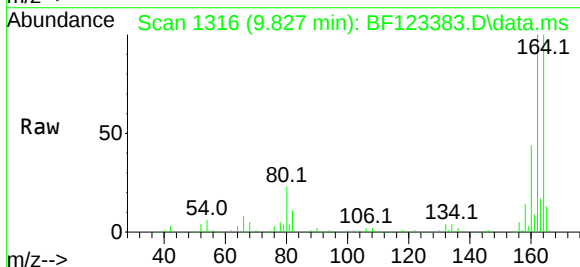
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ClientSampleId :
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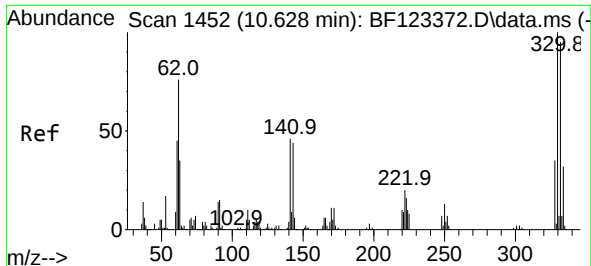
Tgt Ion: 82 Resp: 1318288
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion:164 Resp: 462420
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 44.2 35.4 53.0

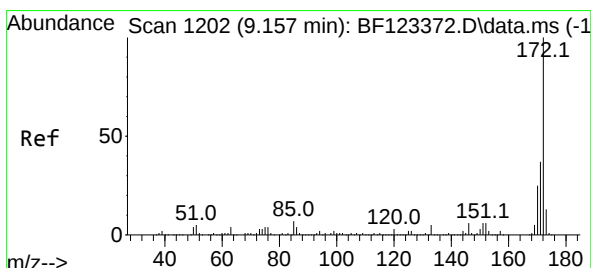
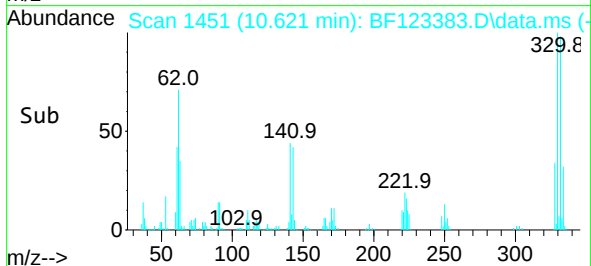
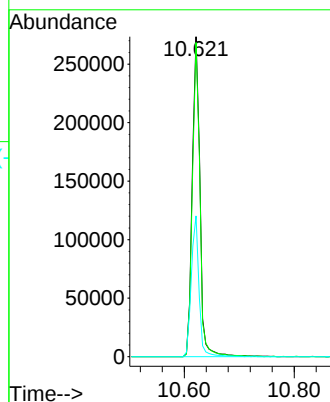
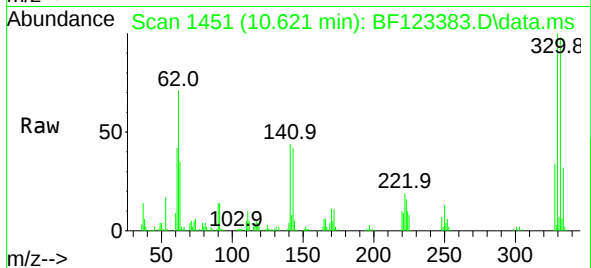




#42
2,4,6-Tribromophenol
Concen: 81.91 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.007 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

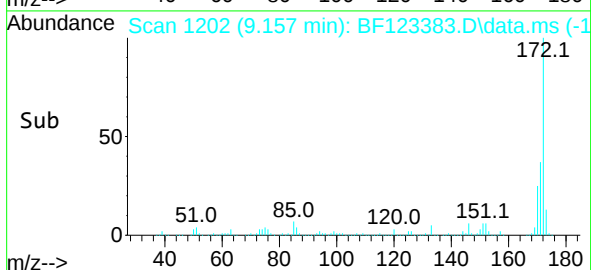
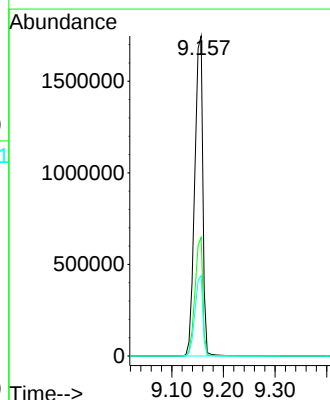
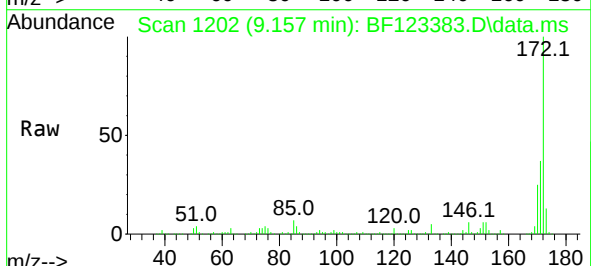
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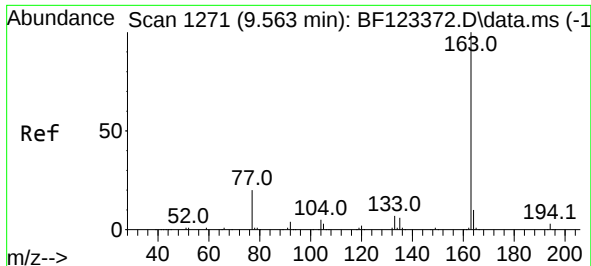
Tgt Ion: 330 Resp: 264736
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 44.3 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 85.86 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion: 172 Resp: 1898511
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.1 19.5 29.3

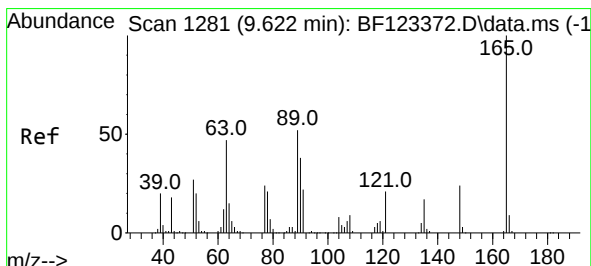
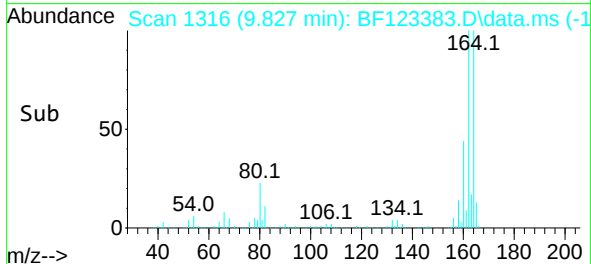
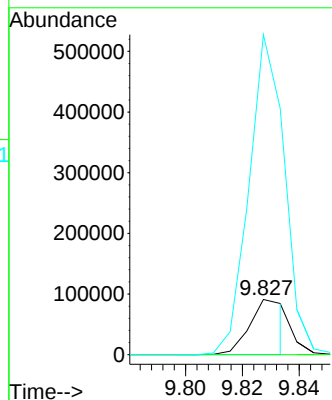
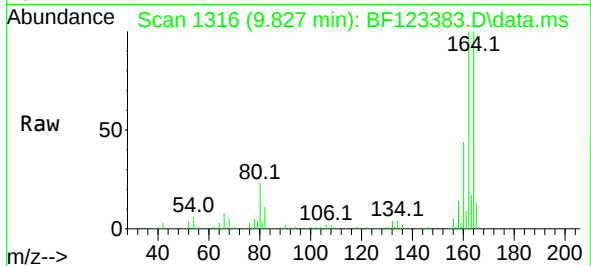




#50
Dimethylphthalate
Concen: 2.38 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

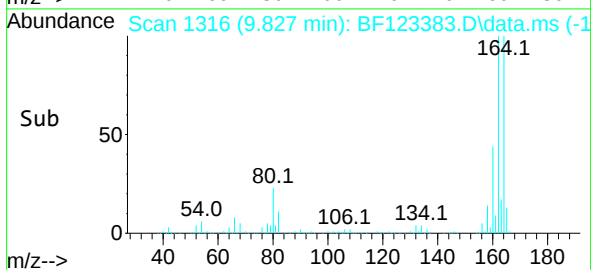
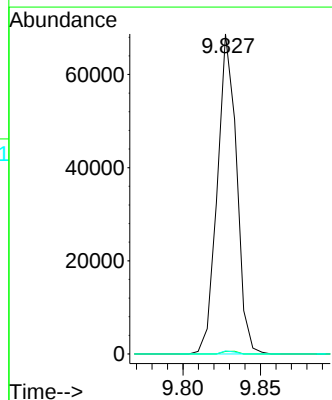
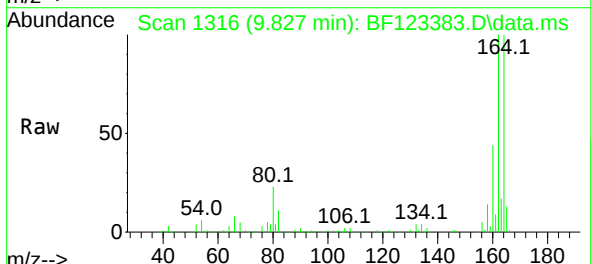
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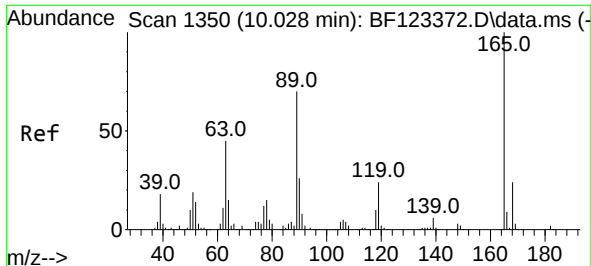
Tgt Ion:163 Resp: 77872
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 579.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

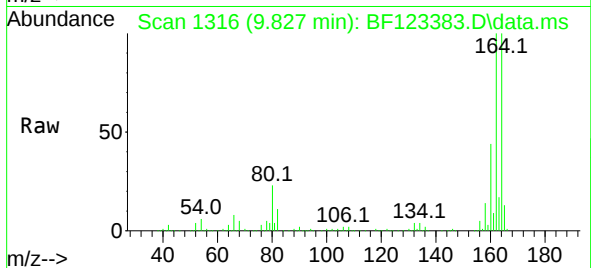
Tgt Ion:165 Resp: 59415
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.0 39.4 59.0#



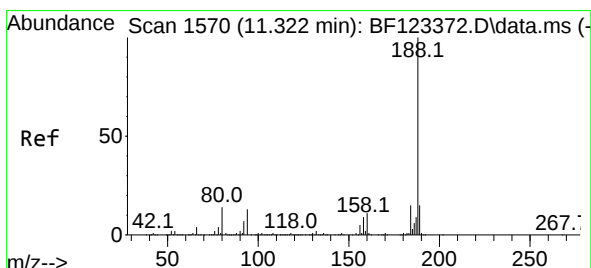
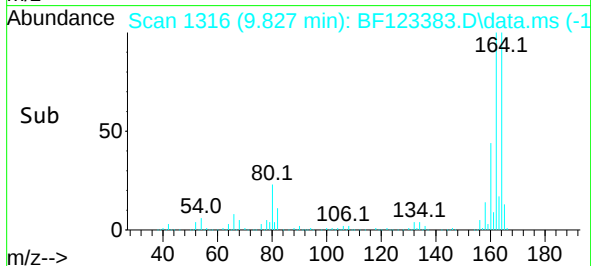
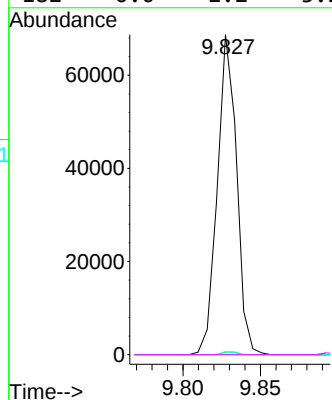


#57
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB135224BL

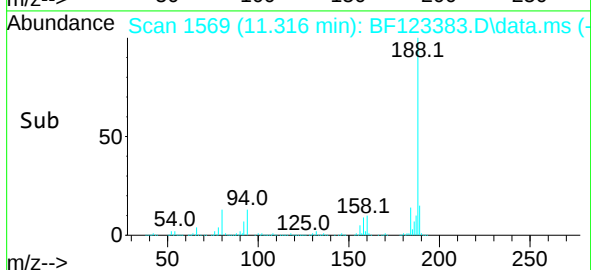
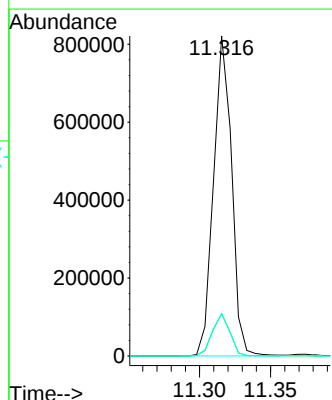
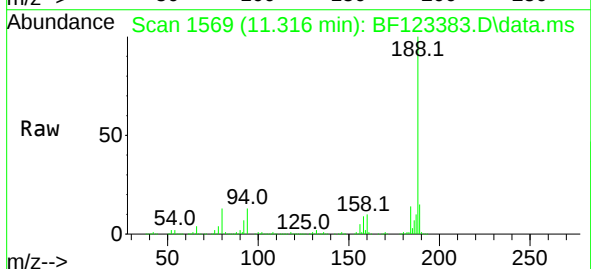


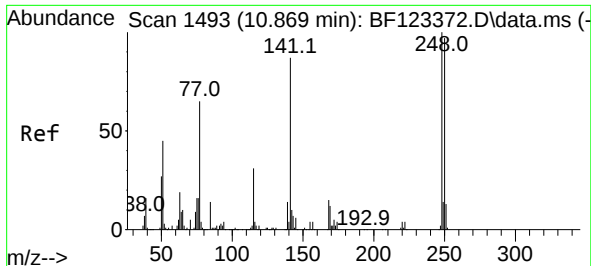
Tgt Ion:165 Resp: 59415
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion:188 Resp: 725801
Ion Ratio Lower Upper
188 100
94 13.2 7.4 11.2#
80 13.2 8.2 12.4#

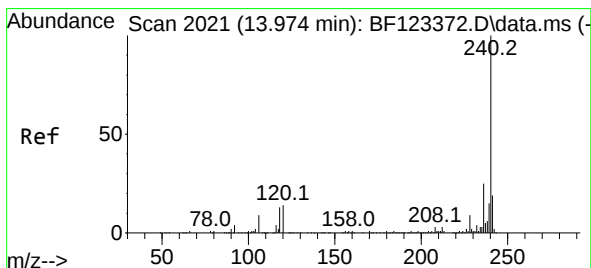
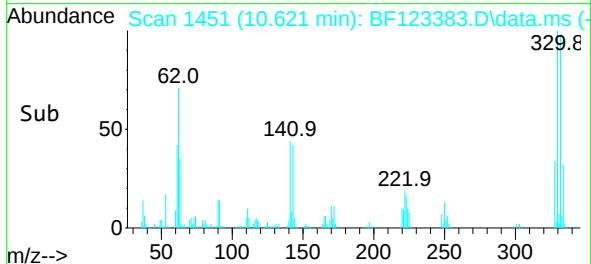
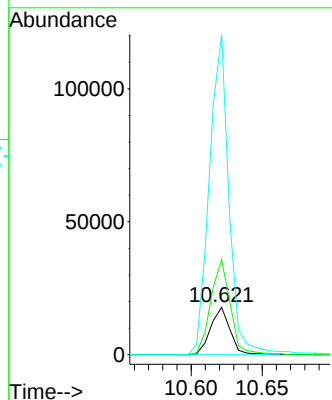
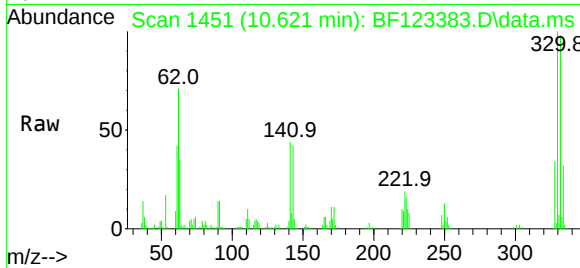




#67
4-Bromophenyl-phenylether
Concen: 2.45 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

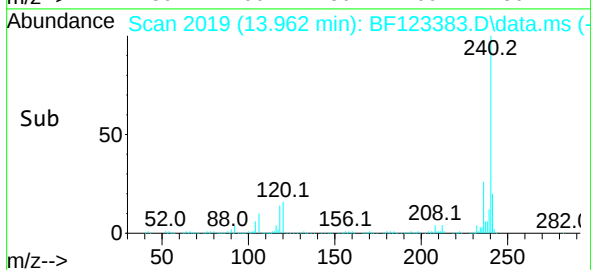
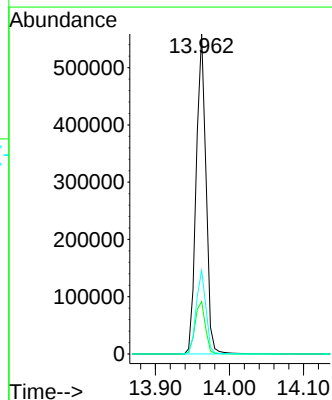
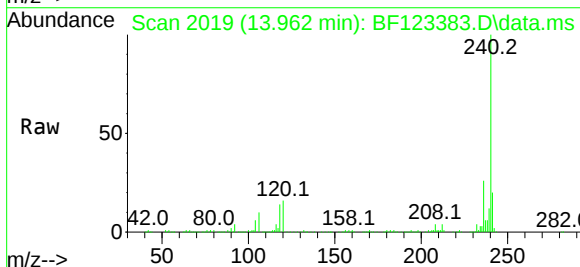
Instrument :
BNA_F
ClientSampleId :
PB135224BL

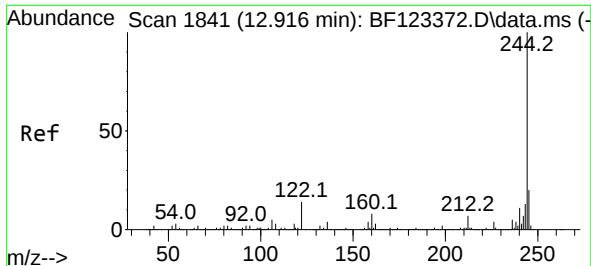
Tgt Ion:248 Resp: 16957
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 675.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

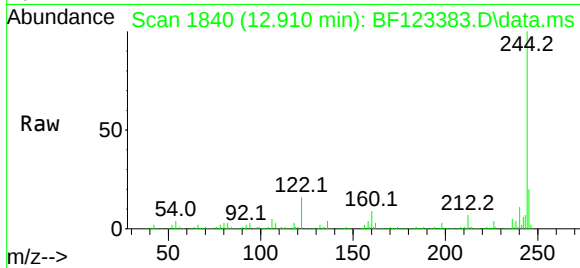
Tgt Ion:240 Resp: 511314
Ion Ratio Lower Upper
240 100
120 16.3 8.6 12.8#
236 26.1 20.3 30.5



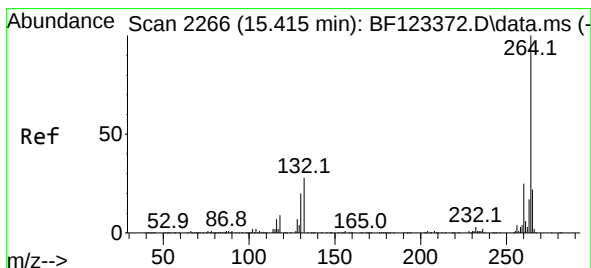
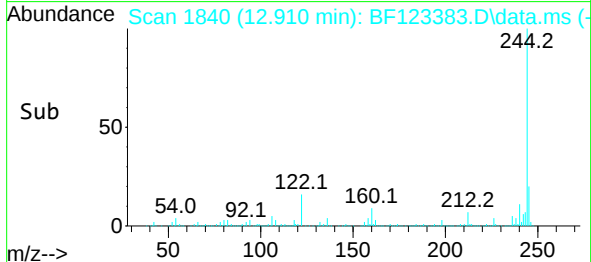
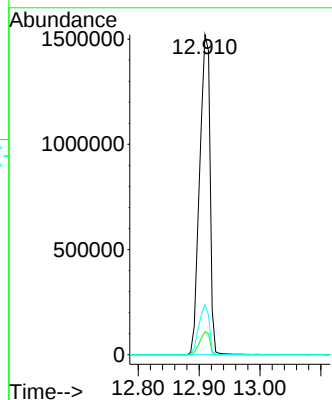


#79
Terphenyl-d14
Concen: 68.70 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB135224BL



Tgt Ion:244 Resp: 1804007
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: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF123383.D
Acq: 18 Mar 2021 15:00

Tgt Ion:264 Resp: 428550
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 20.8 17.0 25.6

