

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123354.D
 Acq On : 3 Mar 2021 14:03
 Operator : JU/CG
 Sample : PB134924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134924BL

Quant Time: Mar 03 14:27:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

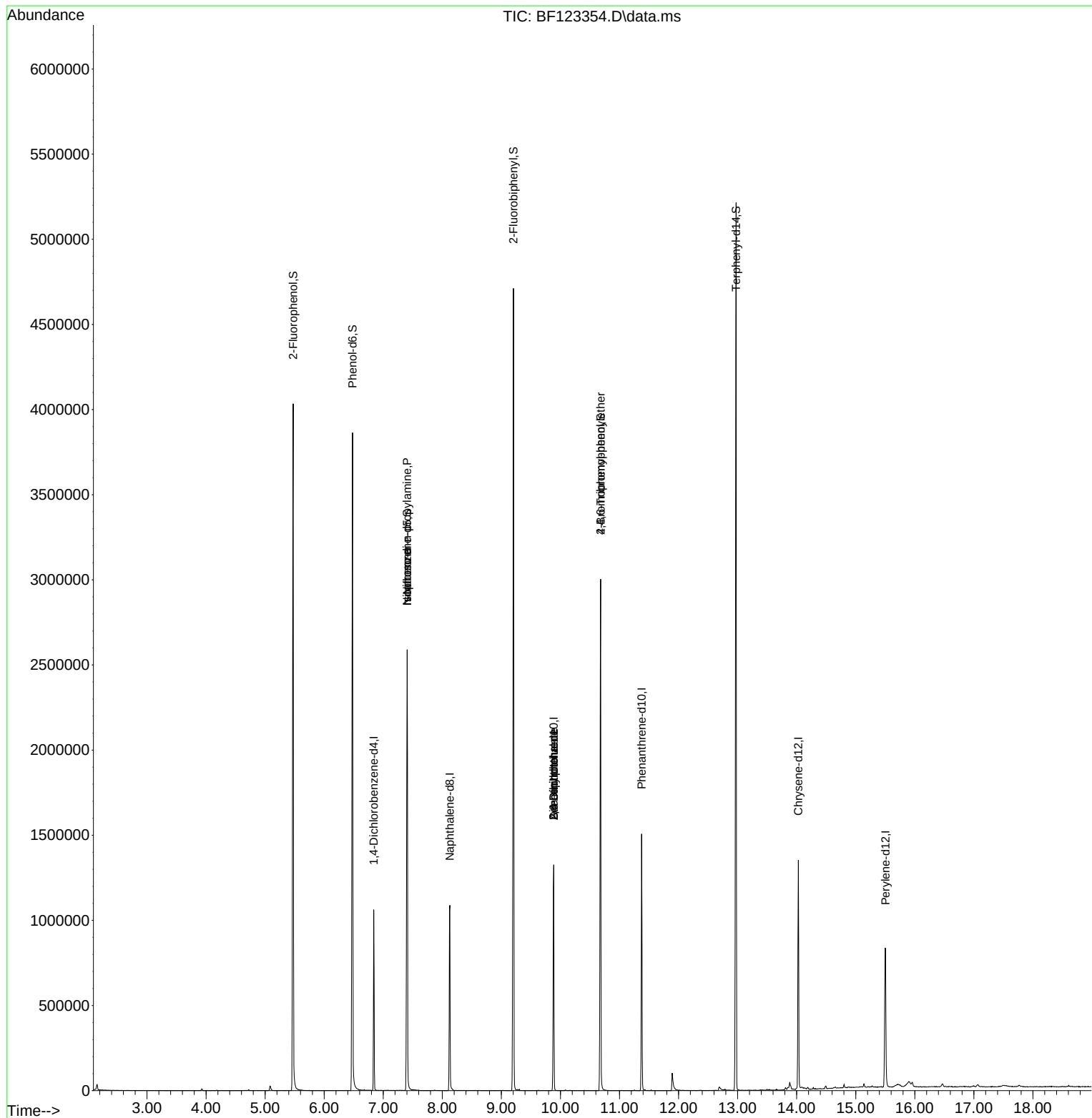
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	127228	20.00	ng	# 0.00
21) Naphthalene-d8	8.128	136	528751	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	271396	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	514960	20.00	ng	0.00
76) Chrysene-d12	14.027	240	419569	20.00	ng	0.00
86) Perylene-d12	15.504	264	379832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1064578	120.44	ng	0.00
7) Phenol-d6	6.481	99	1367403	113.87	ng	0.00
23) Nitrobenzene-d5	7.404	82	939451	81.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	317293	114.82	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1439835	76.21	ng	0.00
79) Terphenyl-d14	12.974	244	1618144	74.16	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	2273	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	130232	18.23	ng	# 80
25) Isophorone	7.404	82	906313	41.96	ng	# 65
50) Dimethylphthalate	9.886	163	61199	3.02	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	34578	7.39	ng	# 32
57) 2,4-Dinitrotoluene	9.886	165	34578	5.50	ng	# 26
67) 4-Bromophenyl-phenylether	10.680	248	23368	4.16	ng	# 1

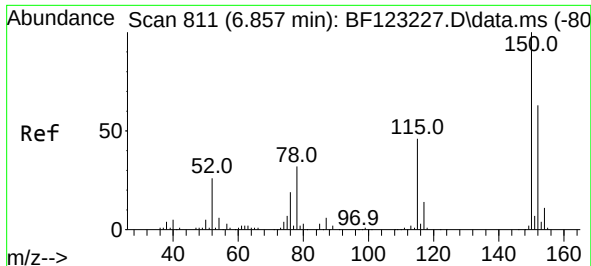
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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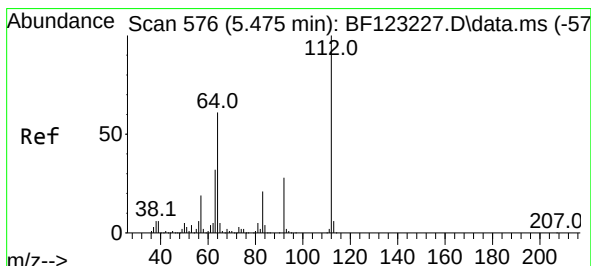
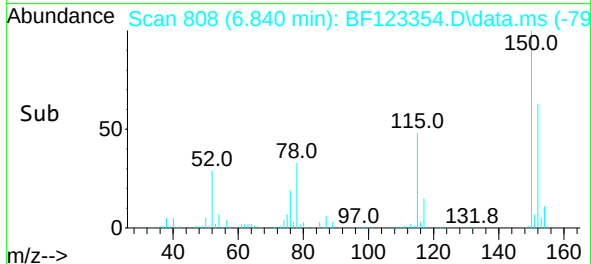
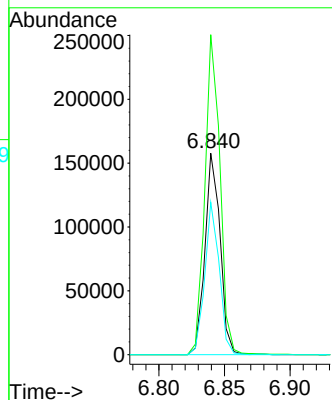
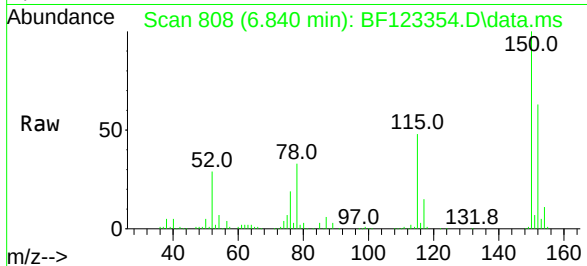




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

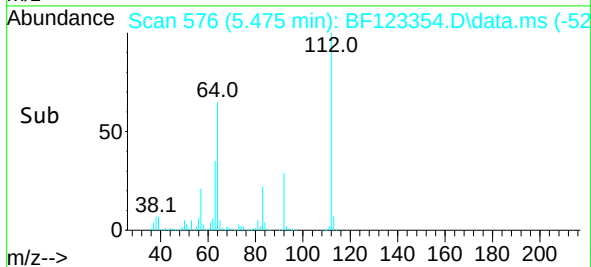
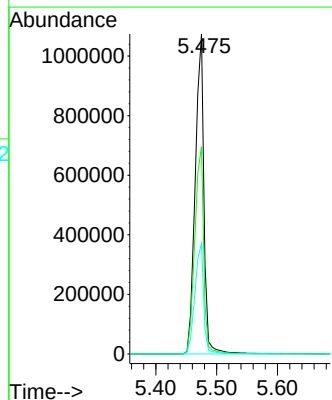
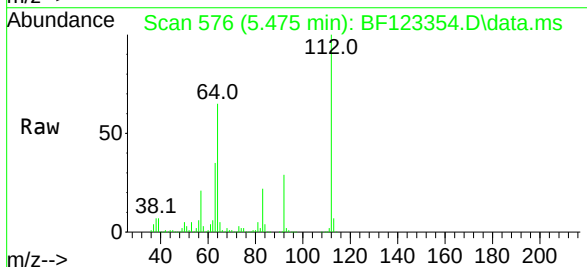
Instrument :
BNA_F
ClientSampleId :
PB134924BL

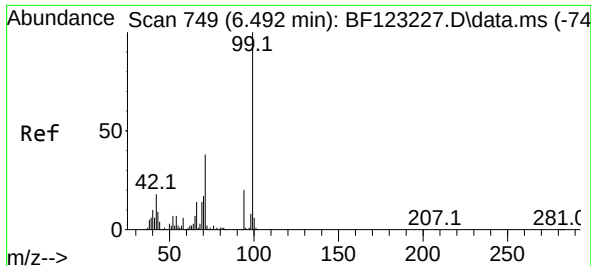
Tgt Ion:152 Resp: 127228
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 75.6 49.3 73.9#



#5
2-Fluorophenol
Concen: 120.44 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion:112 Resp: 1064578
Ion Ratio Lower Upper
112 100
64 64.8 46.9 70.3
63 34.5 24.5 36.7

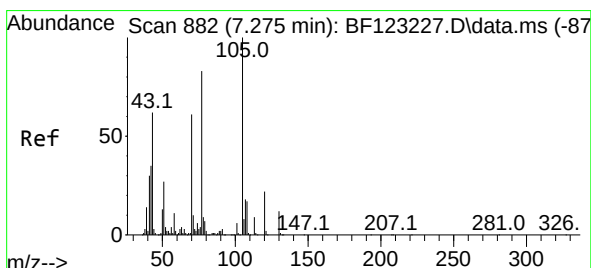
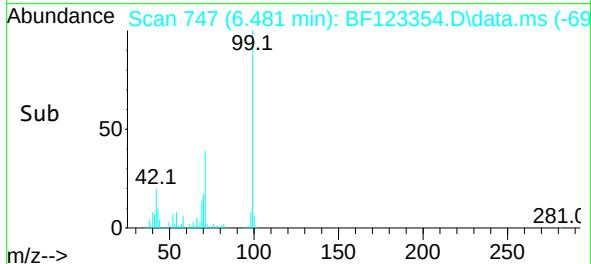
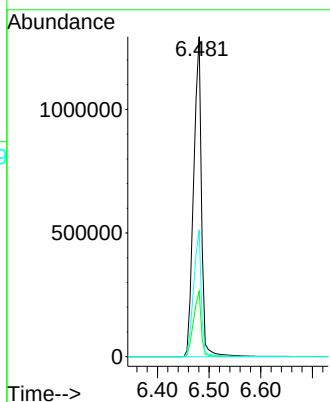
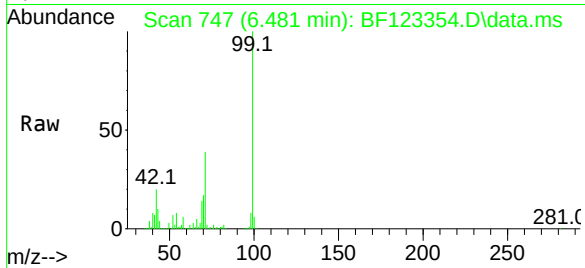




#7
Phenol-d6
Concen: 113.87 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

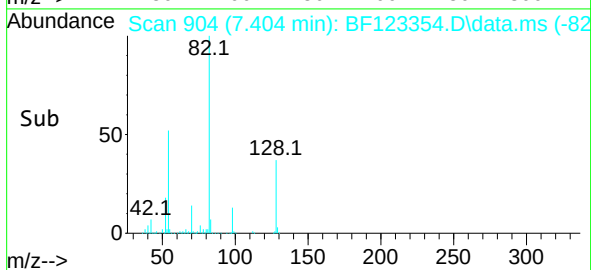
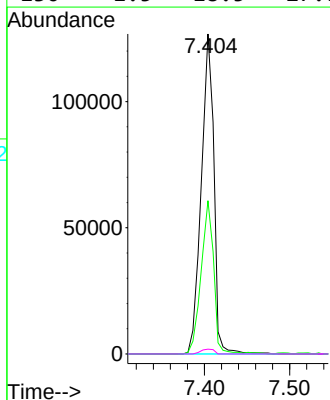
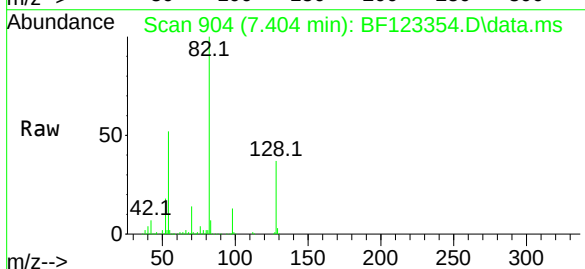
Instrument :
BNA_F
ClientSampleId :
PB134924BL

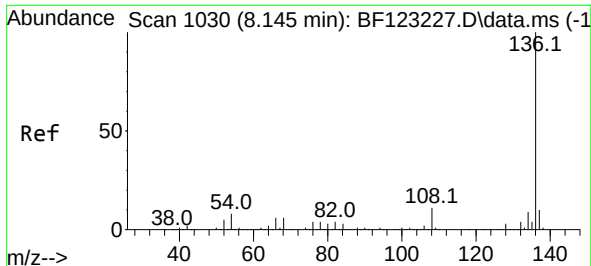
Tgt Ion: 99 Resp: 1367403
Ion Ratio Lower Upper
99 100
42 20.4 13.8 20.6
71 39.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

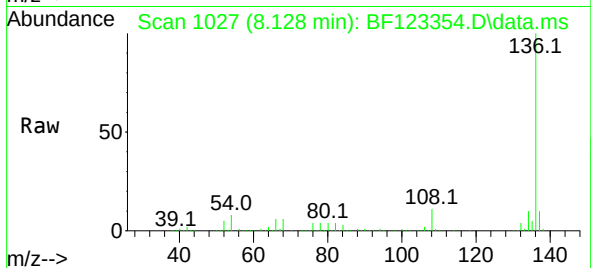
Tgt Ion: 70 Resp: 130232
Ion Ratio Lower Upper
70 100
42 47.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.5 18.5 27.7#



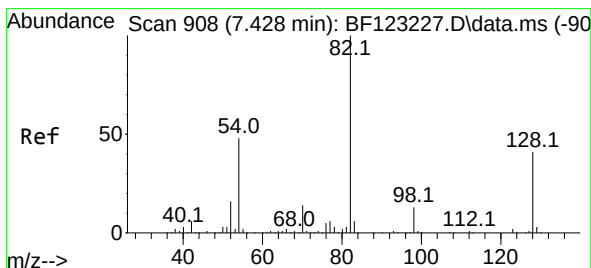
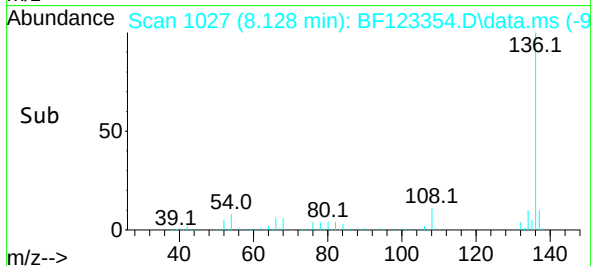
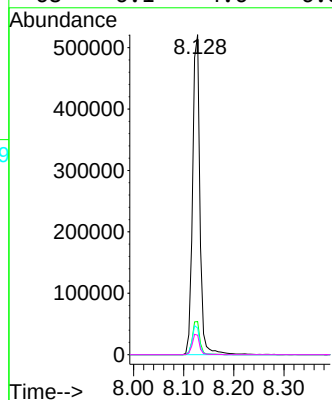


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Instrument :
BNA_F
ClientSampleId :
PB134924BL

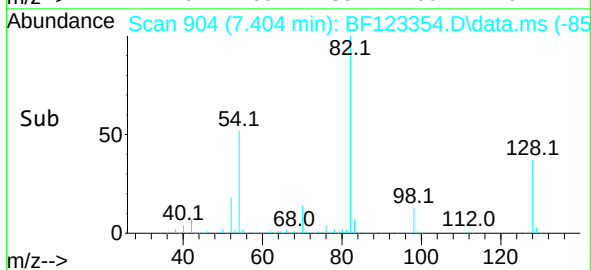
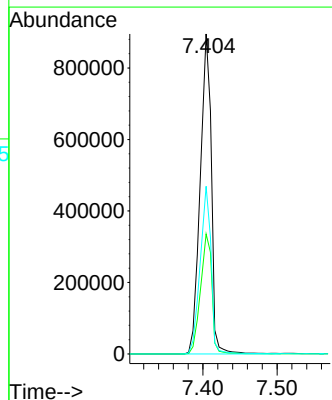
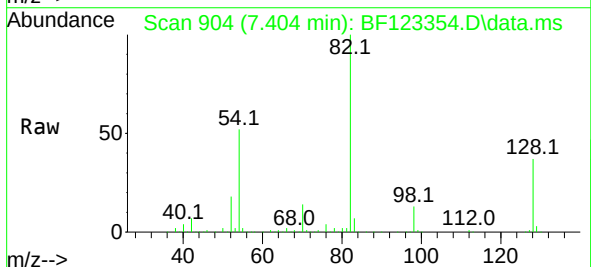


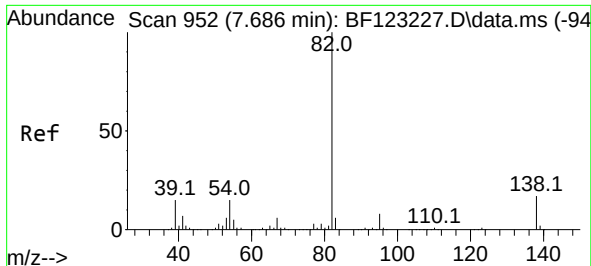
Tgt Ion:136 Resp: 528751
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.4 5.5 8.3#
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.33 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion: 82 Resp: 939451
Ion Ratio Lower Upper
82 100
128 37.5 37.0 55.4
54 52.4 38.4 57.6

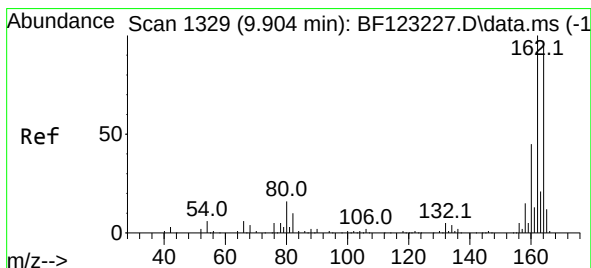
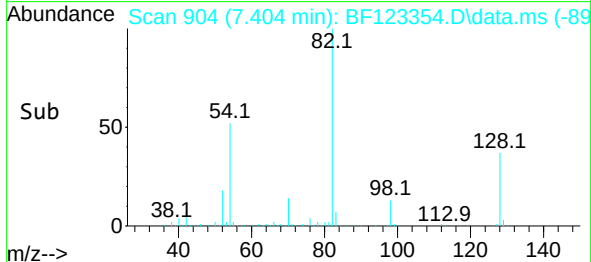
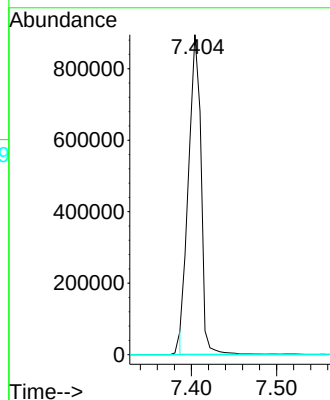
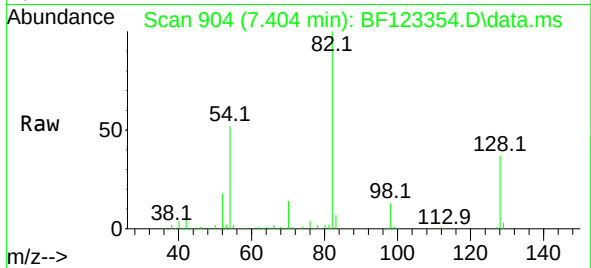




#25
Isophorone
Concen: 41.96 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.271 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

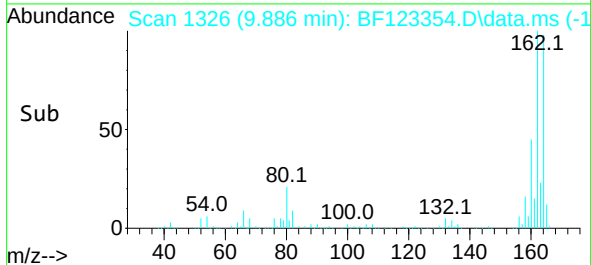
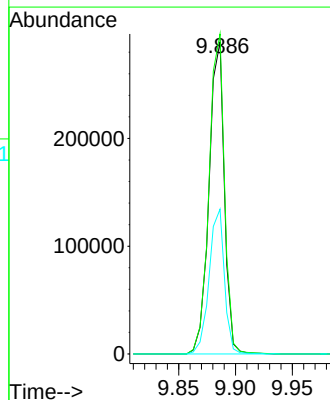
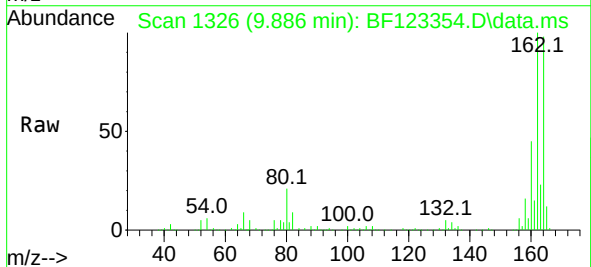
Instrument :
BNA_F
ClientSampleId :
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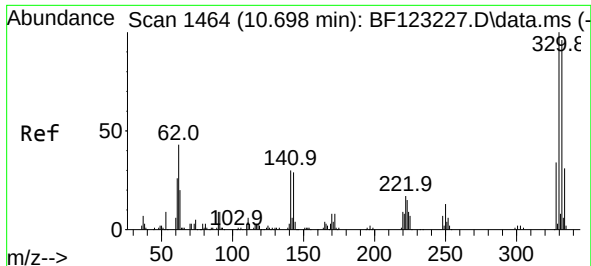
Tgt Ion: 82 Resp: 906313
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion:164 Resp: 271396
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 46.4 35.4 53.0

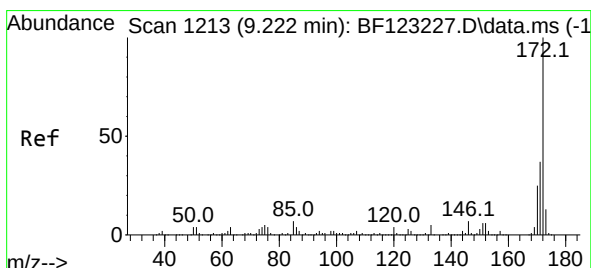
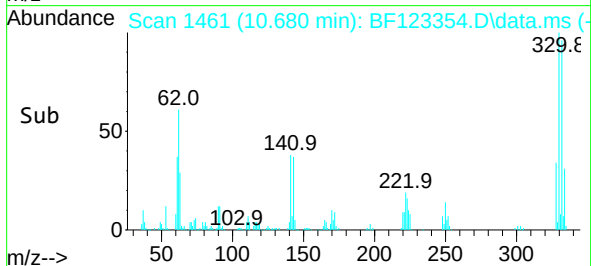
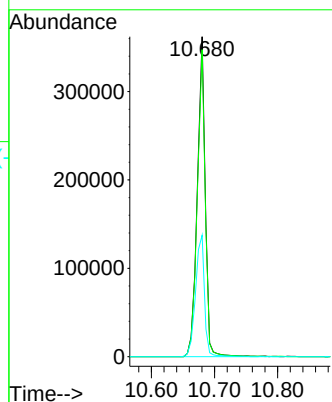
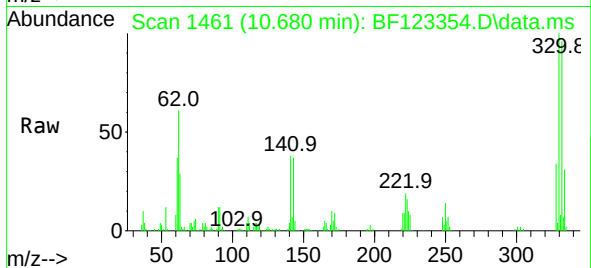




#42
2,4,6-Tribromophenol
Concen: 114.82 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

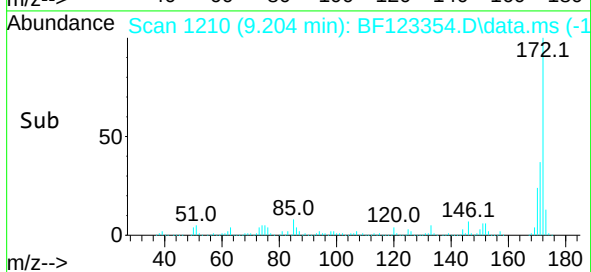
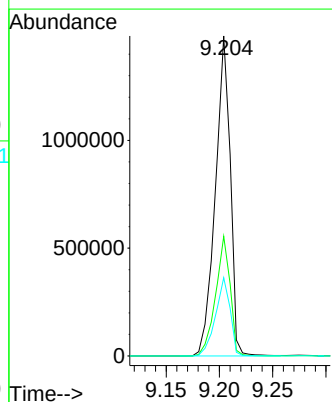
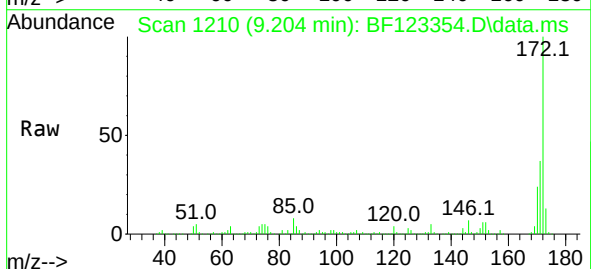
Instrument :
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ClientSampleId :
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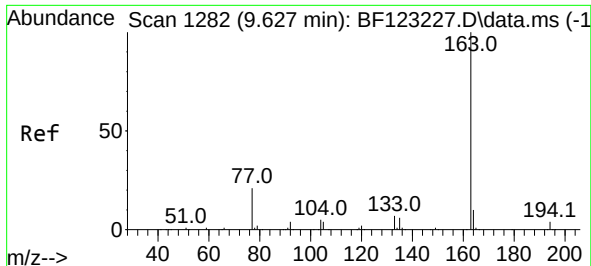
Tgt Ion:330 Resp: 317293
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 42.8 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 76.21 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion:172 Resp: 1439835
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.5 19.5 29.3

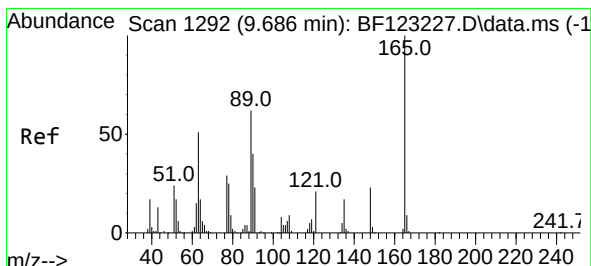
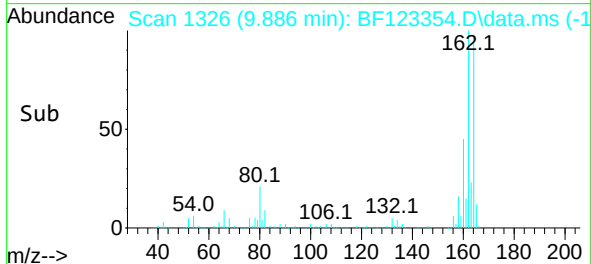
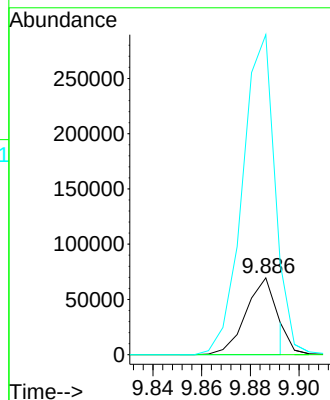
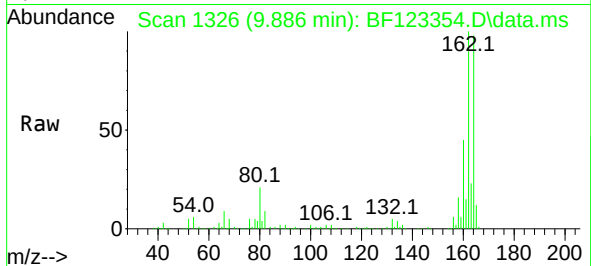




#50
Dimethylphthalate
Concen: 3.02 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.270 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

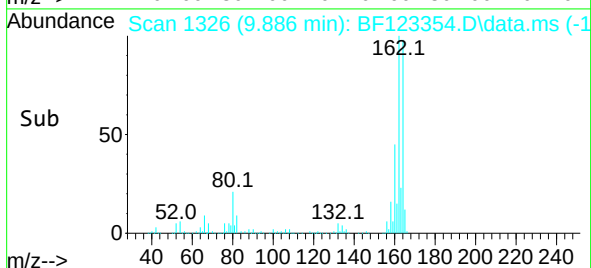
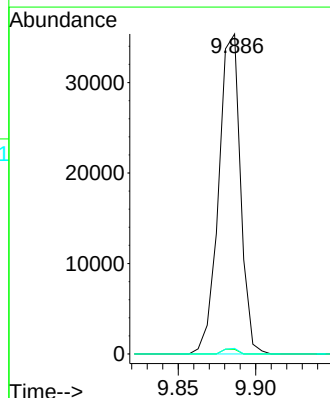
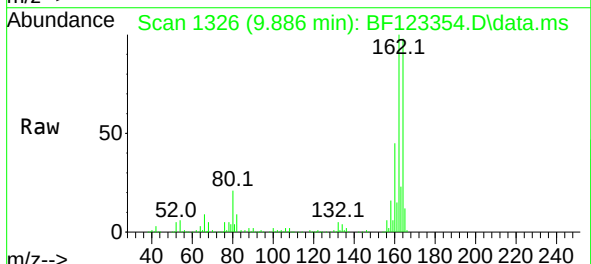
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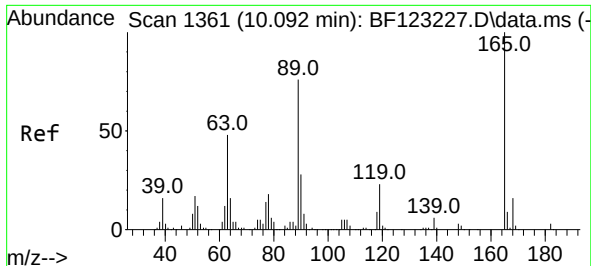
Tgt Ion:163 Resp: 61199
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 416.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.39 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

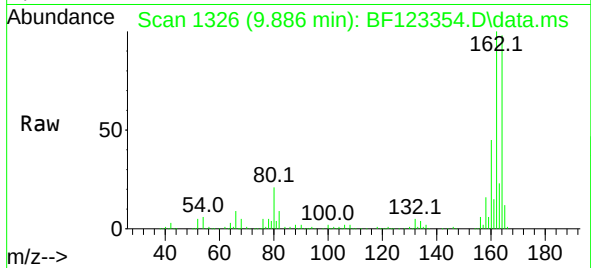
Tgt Ion:165 Resp: 34578
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.8 39.4 59.0#



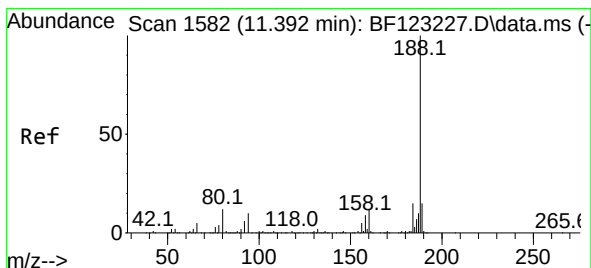
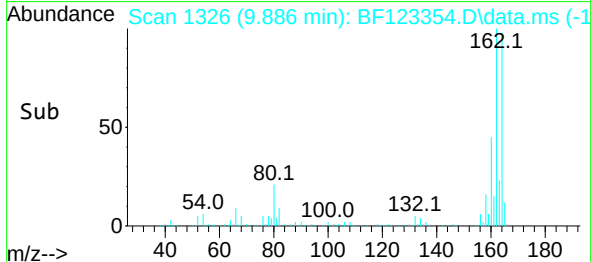
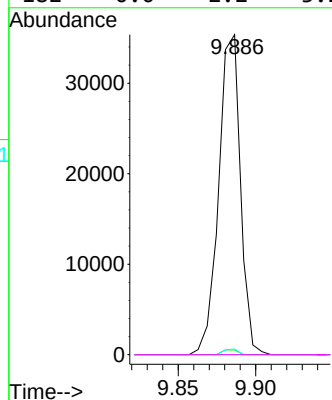


#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Instrument :
BNA_F
ClientSampleId :
PB134924BL

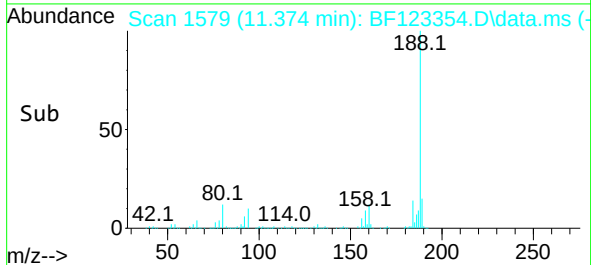
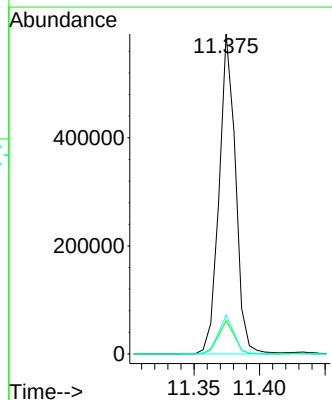
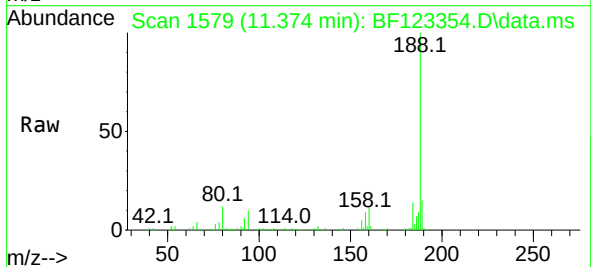


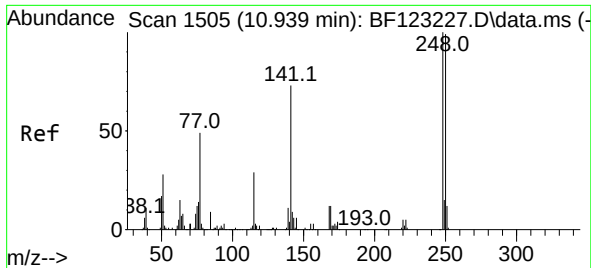
Tgt Ion:165 Resp: 34578
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion:188 Resp: 514960
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 12.1 8.2 12.4

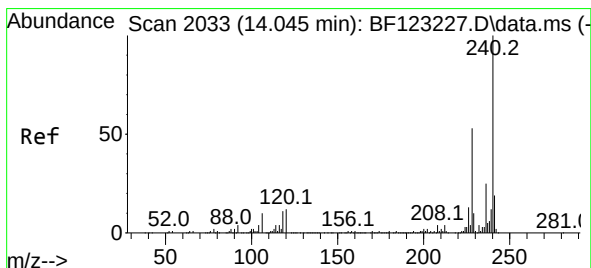
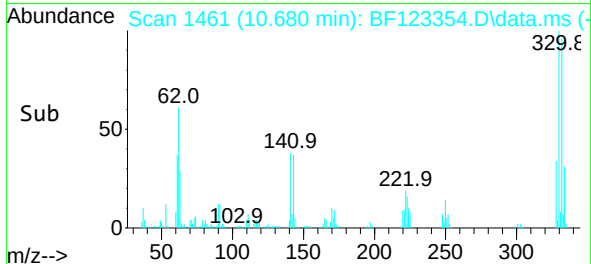
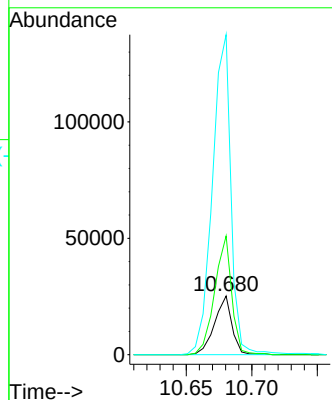
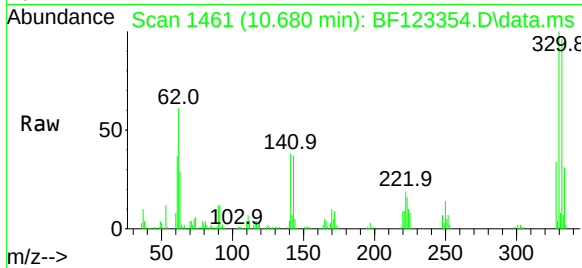




#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

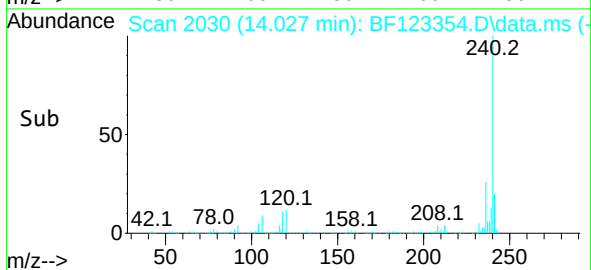
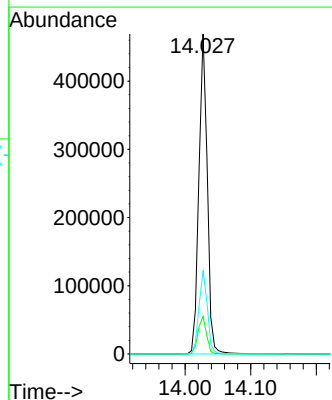
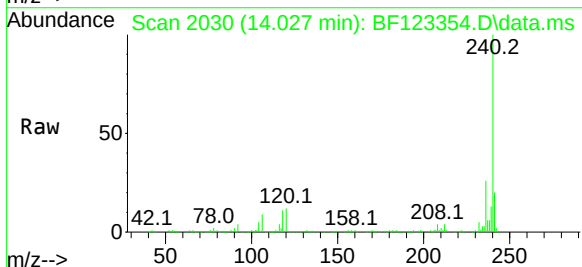
Instrument :
BNA_F
ClientSampleId :
PB134924BL

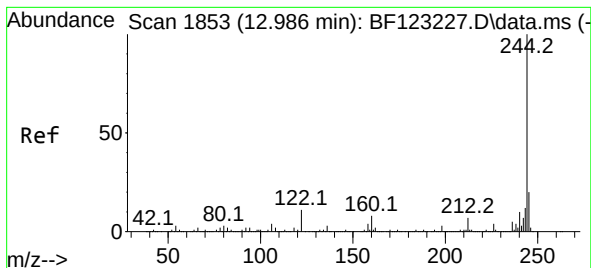
Tgt Ion:248 Resp: 23368
Ion Ratio Lower Upper
248 100
250 202.5 76.8 115.2#
141 545.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123354.D
Acq: 3 Mar 2021 14:03

Tgt Ion:240 Resp: 419569
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.9 20.3 30.5

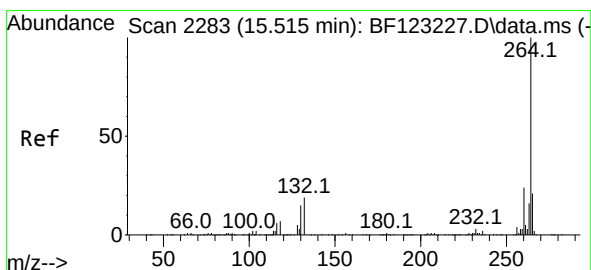
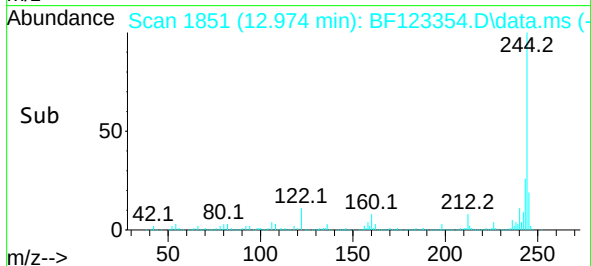
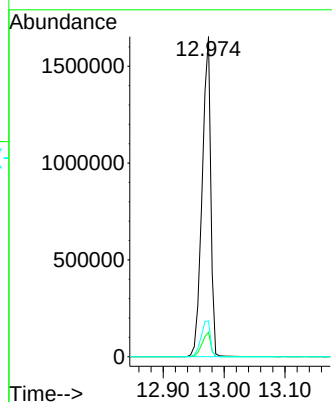
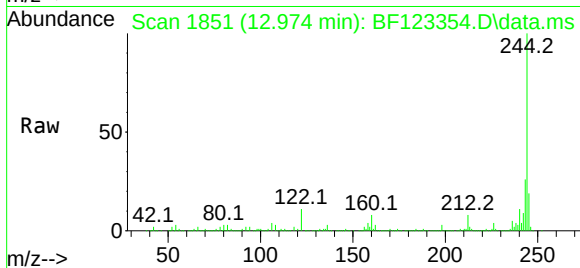




#79
 Terphenyl-d14
 Concen: 74.16 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: BF123354.D
 Acq: 3 Mar 2021 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB134924BL

Tgt Ion:244 Resp: 1618144
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF123354.D
 Acq: 3 Mar 2021 14:03

Tgt Ion:264 Resp: 379832
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 17.0 25.6

