

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123121.D
 Acq On : 4 Feb 2021 19:28
 Operator : JU/CG
 Sample : M1293-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 04 23:32:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

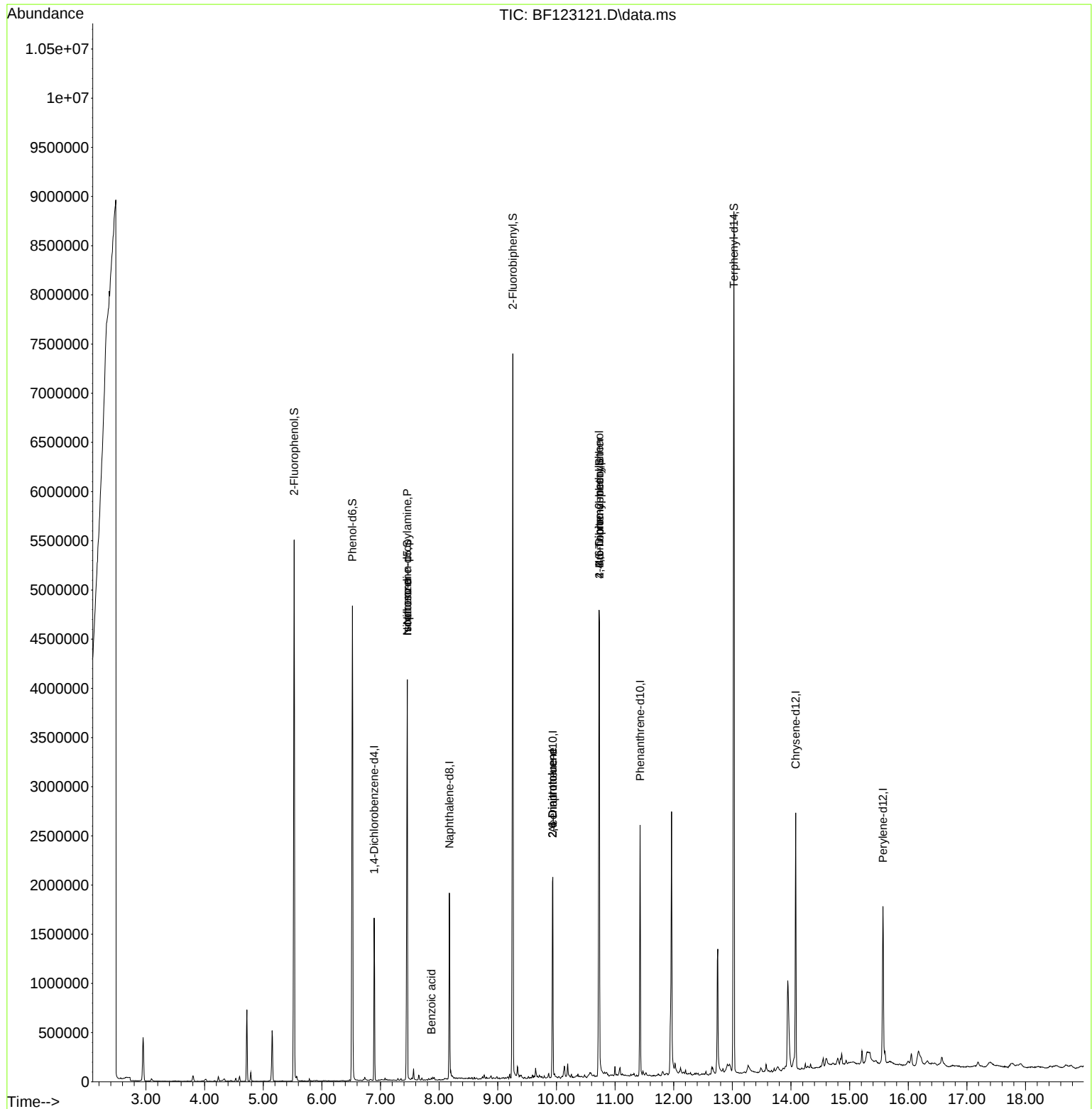
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	218872	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	847453	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	467390	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	880808	20.00	ng	0.00
76) Chrysene-d12	14.080	240	837667	20.00	ng	0.00
86) Perylene-d12	15.568	264	745223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1692999	119.32	ng	0.02
7) Phenol-d6	6.522	99	2000513	104.02	ng	0.00
23) Nitrobenzene-d5	7.457	82	1391728	82.65	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	754503	148.71	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2523236	80.25	ng	0.00
79) Terphenyl-d14	13.027	244	3194120	74.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	191884	16.59	ng	# 79
25) Isophorone	7.457	82	1391715	45.12	ng	# 65
32) Benzoic acid	7.869	122	3673	5.23	ng	94
51) 2,6-Dinitrotoluene	9.933	165	60416	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	60416	5.95	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1491	5.25	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	49692	4.43	ng	# 1

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

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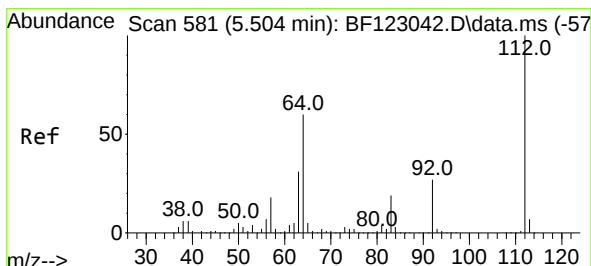
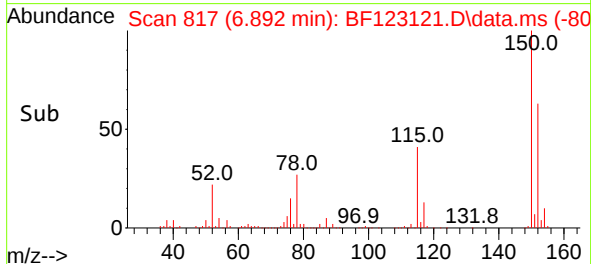
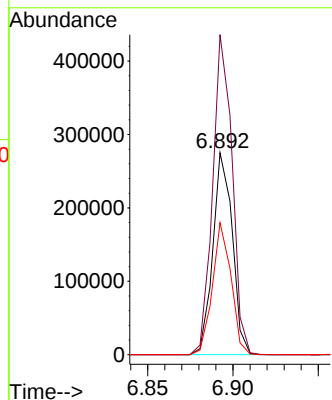
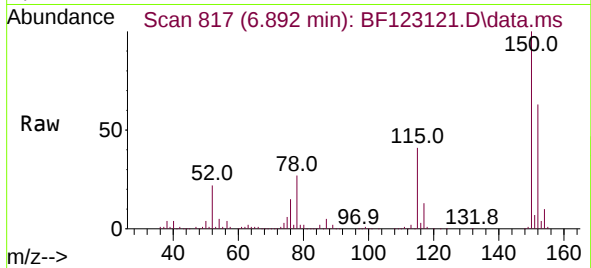




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123121.D
 Acq: 4 Feb 2021 19:28

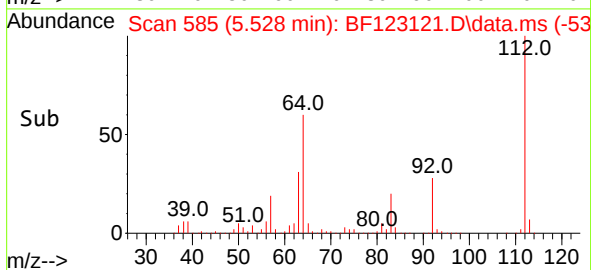
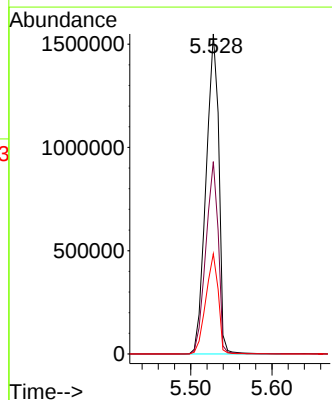
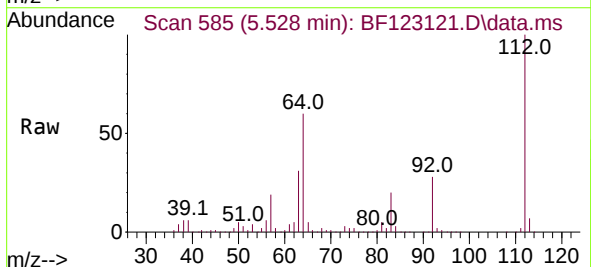
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-4

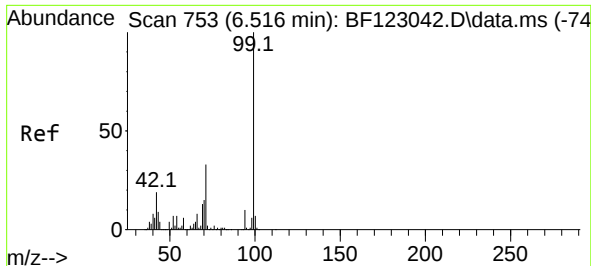
Tgt Ion:152 Resp: 218872
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.8 188.6
 115 65.3 49.3 73.9



#5
 2-Fluorophenol
 Concen: 119.32 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.023 min
 Lab File: BF123121.D
 Acq: 4 Feb 2021 19:28

Tgt Ion:112 Resp: 1692999
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.9 70.3
 63 31.3 24.5 36.7

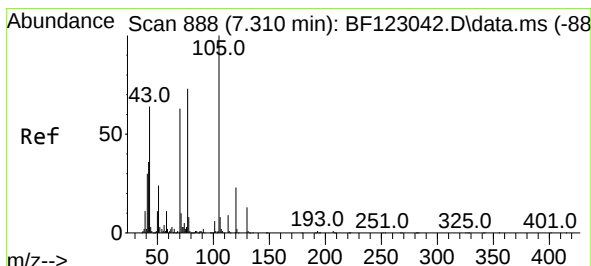
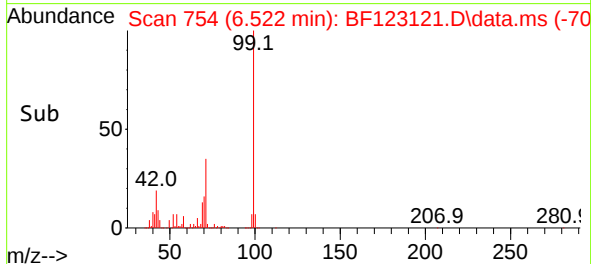
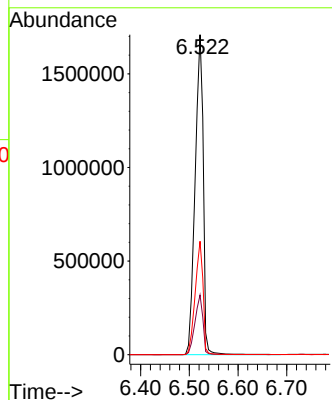
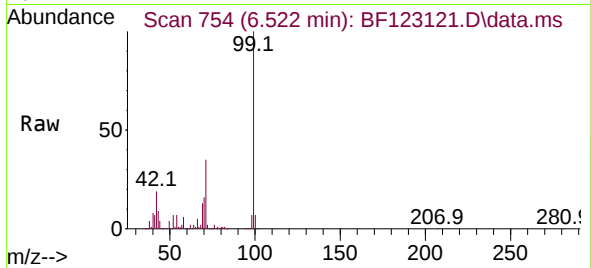




#7
Phenol-d6
Concen: 104.02 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

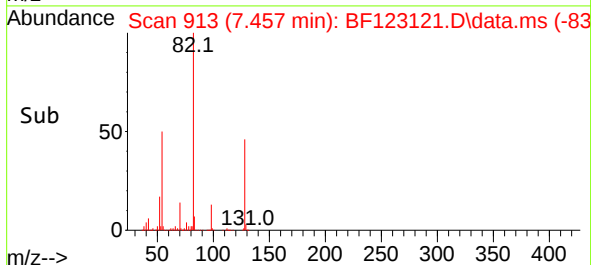
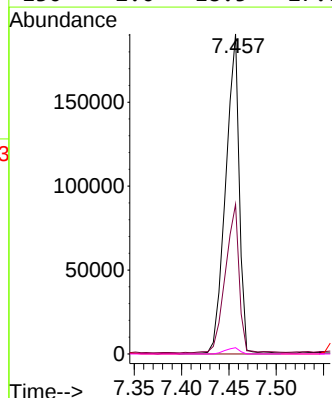
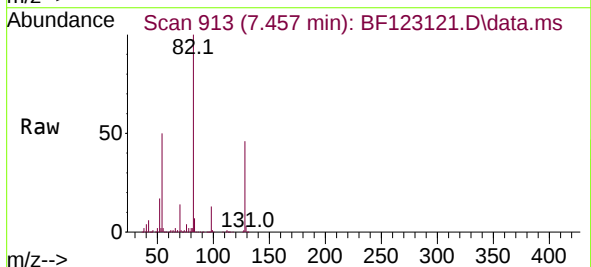
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

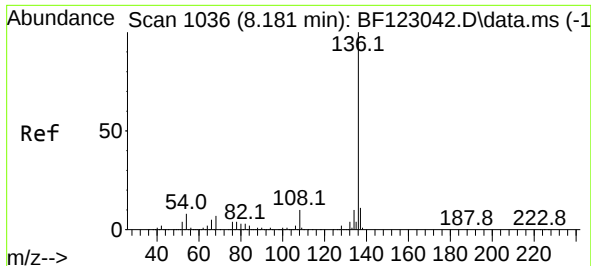
Tgt Ion: 99 Resp: 2000513
Ion Ratio Lower Upper
99 100
42 18.7 13.8 20.6
71 35.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion: 70 Resp: 191884
Ion Ratio Lower Upper
70 100
42 46.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

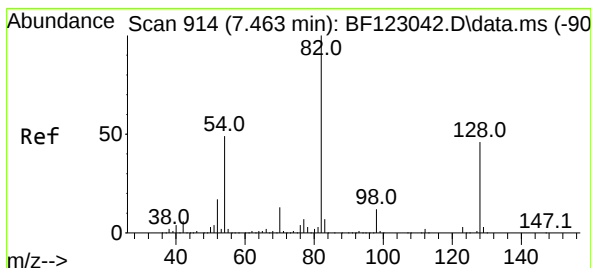
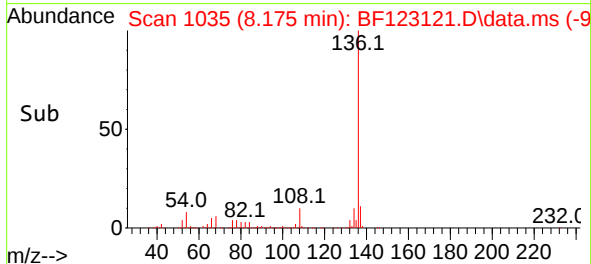
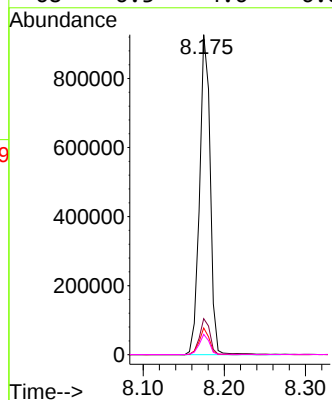
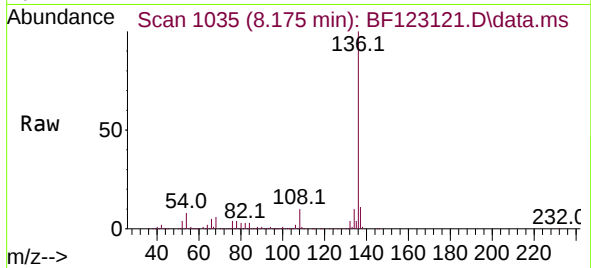




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

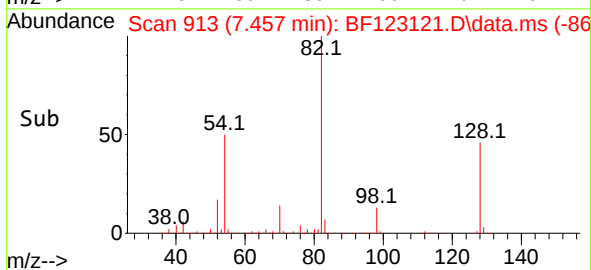
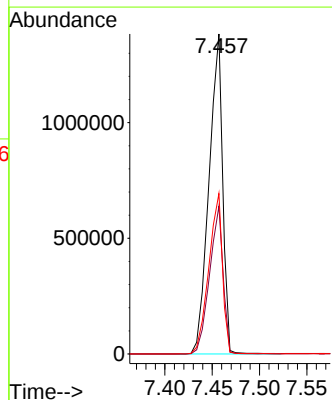
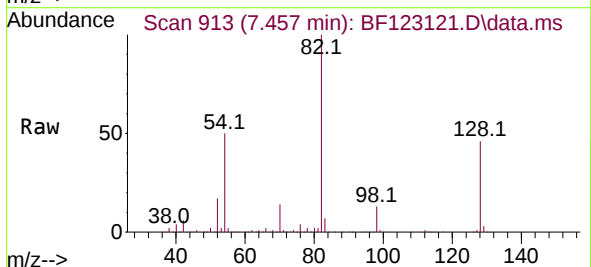
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

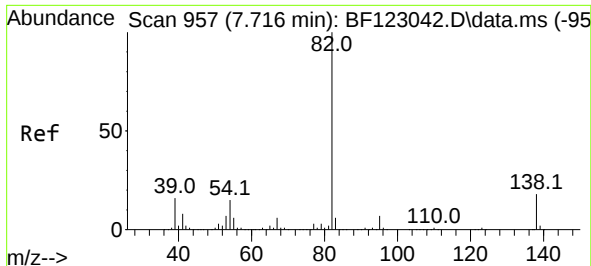
Tgt Ion:136 Resp: 847453
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.65 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion: 82 Resp: 1391728
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 50.1 38.4 57.6

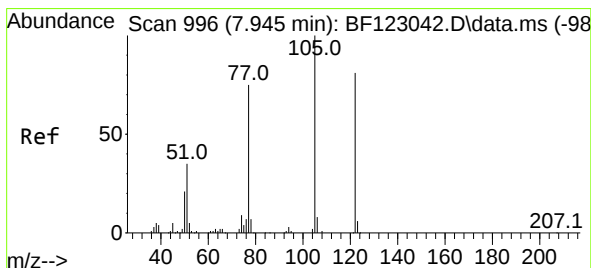
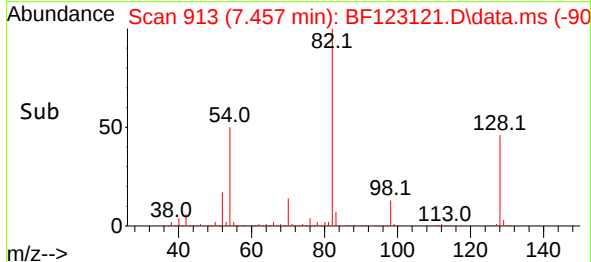
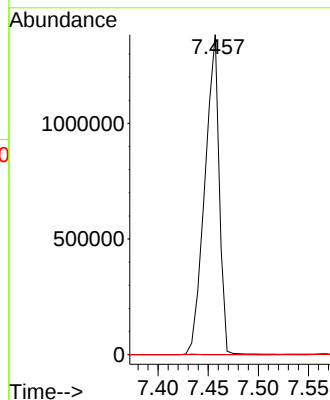
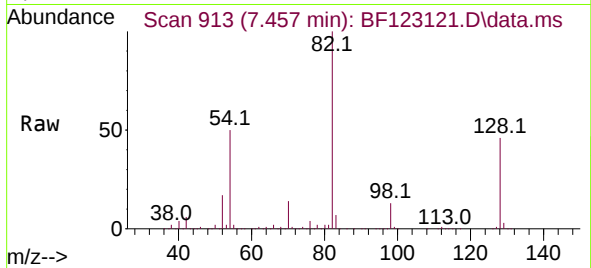




#25
Isophorone
Concen: 45.12 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

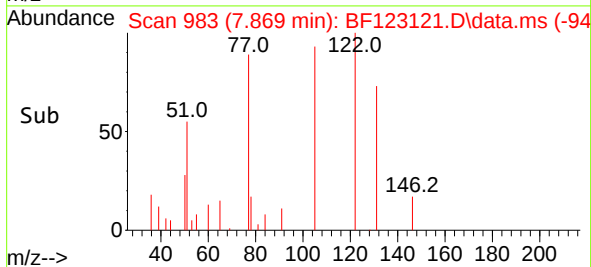
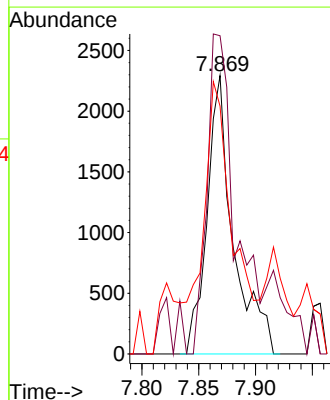
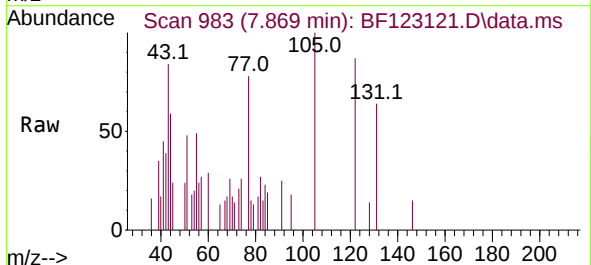
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ClientSampleId :
TEST-PIT-4

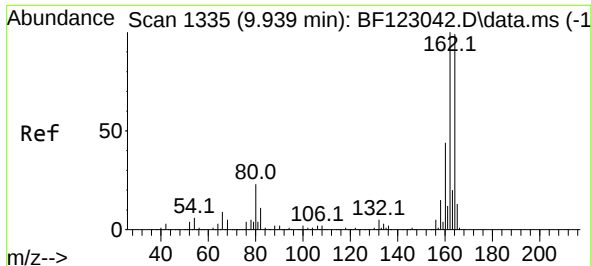
Tgt Ion: 82 Resp: 1391715
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 5.23 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion:122 Resp: 3673
Ion Ratio Lower Upper
122 100
105 114.3 104.8 144.8
77 89.1 71.0 111.0

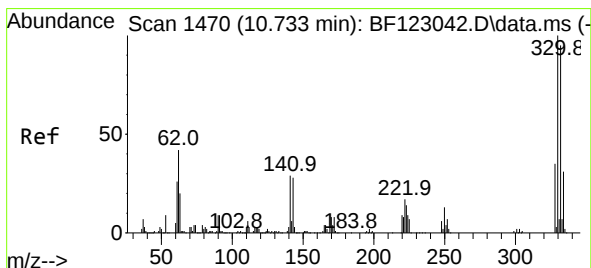
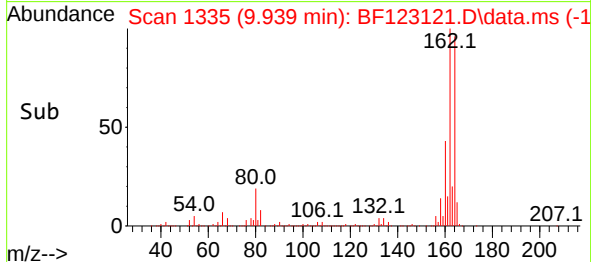
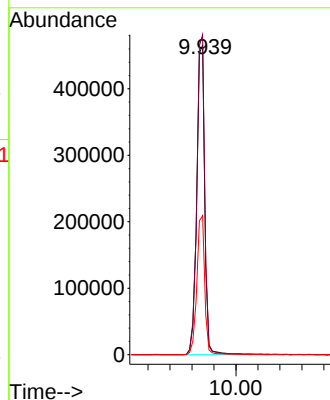
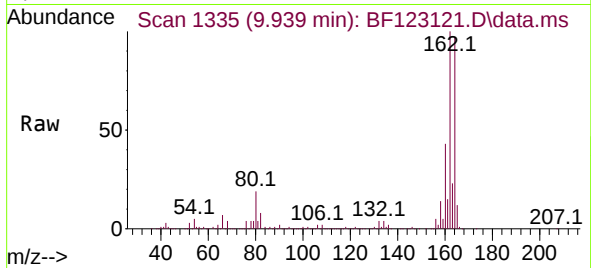




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

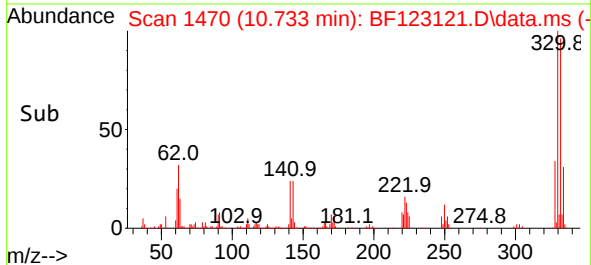
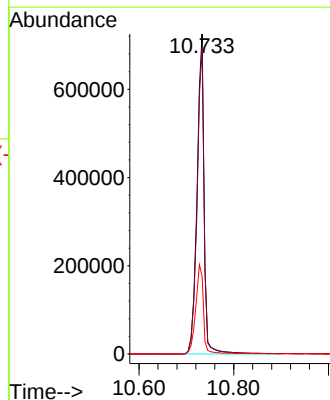
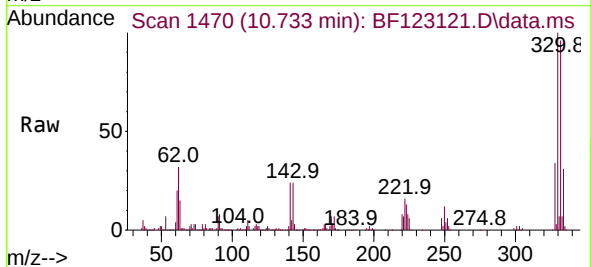
Instrument :
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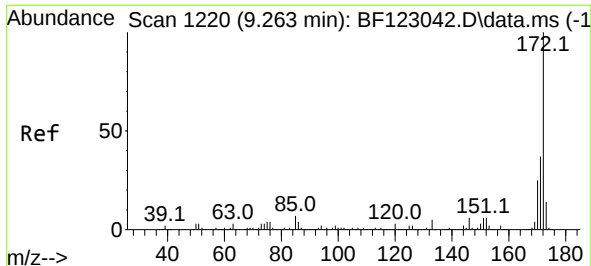
Tgt Ion:164 Resp: 467390
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 148.71 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion:330 Resp: 754503
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 30.6 23.8 35.8

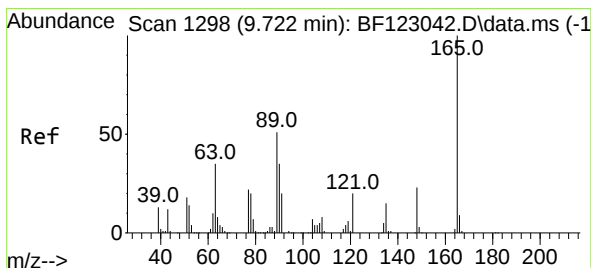
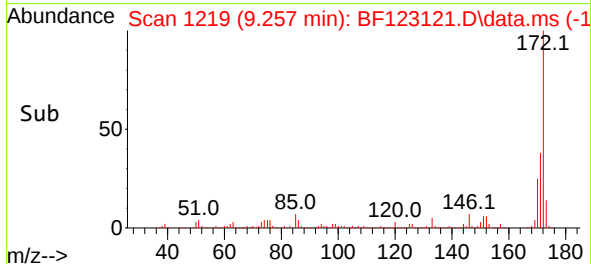
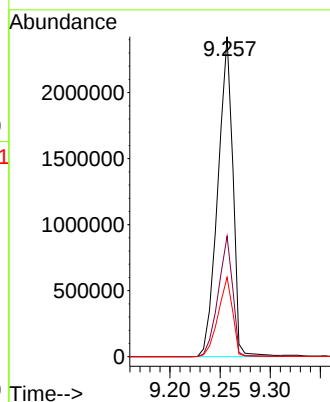
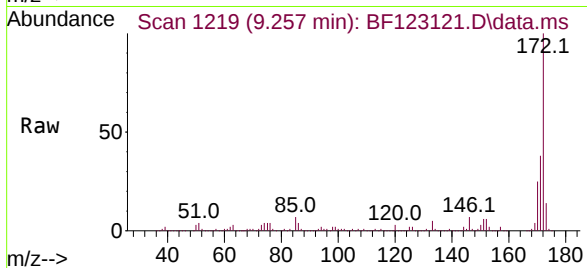




#45
2-Fluorobiphenyl
Concen: 80.25 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

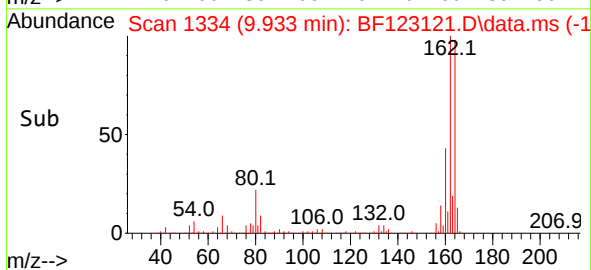
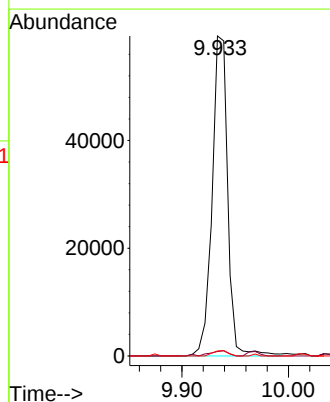
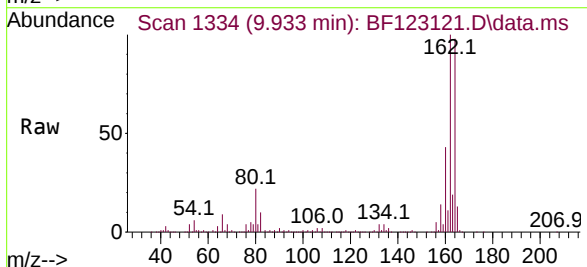
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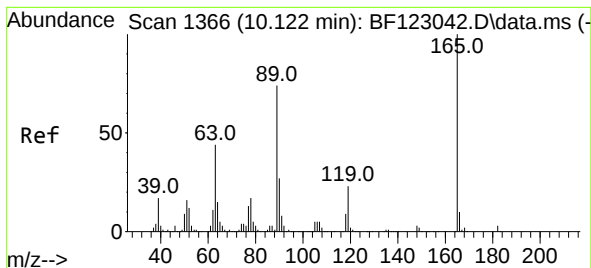
Tgt Ion:172 Resp: 2523236
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

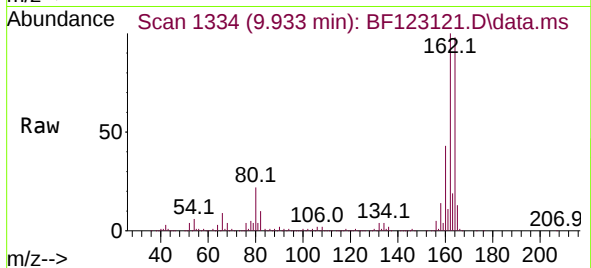
Tgt Ion:165 Resp: 60416
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.6 39.4 59.0#



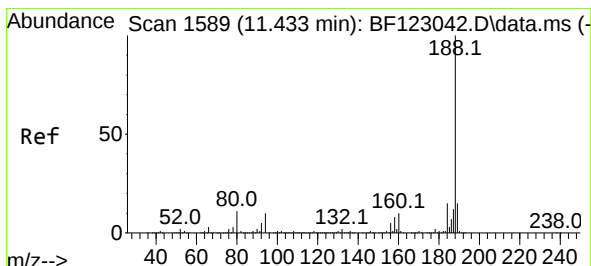
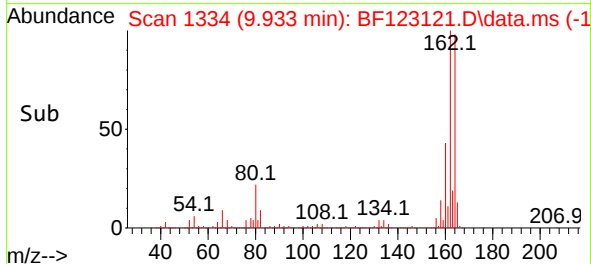
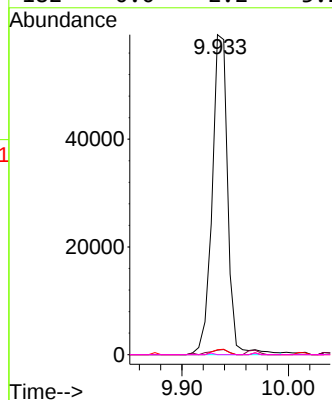


#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

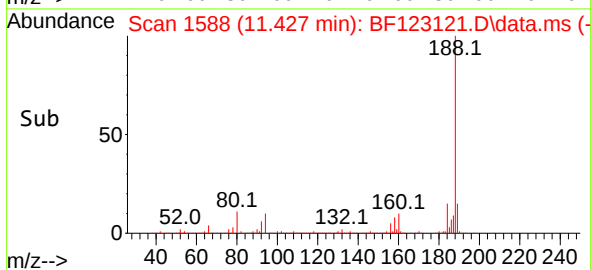
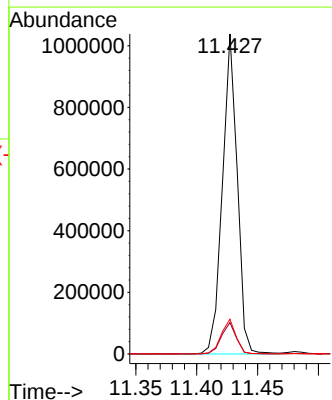
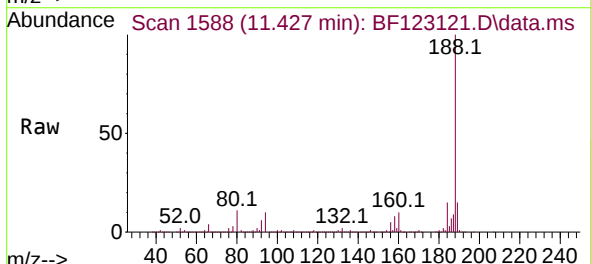


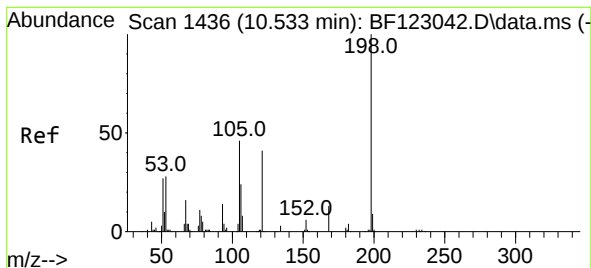
Tgt Ion:165 Resp: 60416
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion:188 Resp: 880808
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.8 8.2 12.4

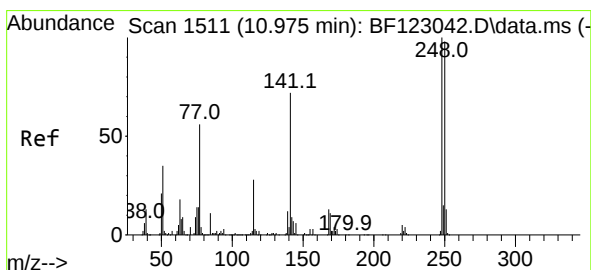
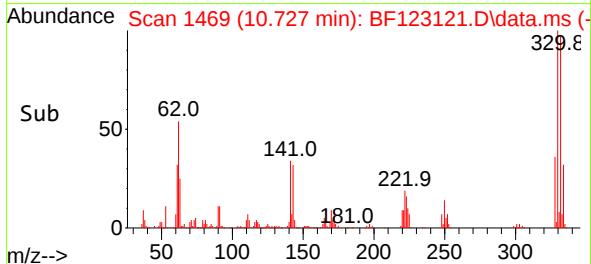
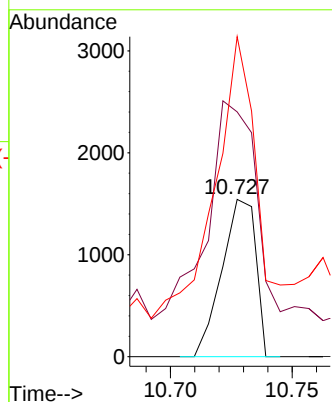
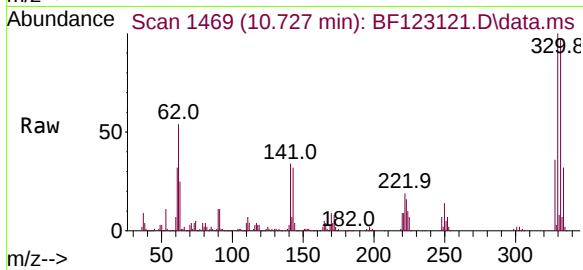




#65
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

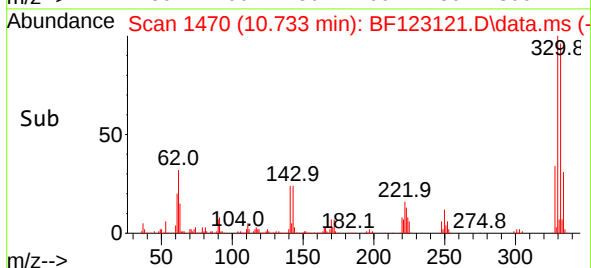
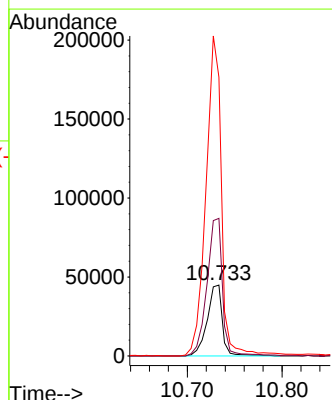
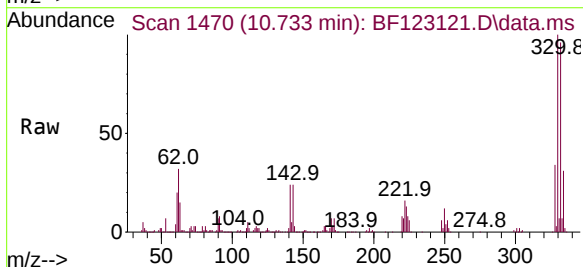
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

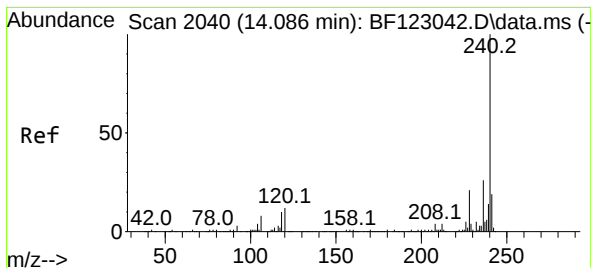
Tgt Ion:198 Resp: 1491
Ion Ratio Lower Upper
198 100
51 155.6 20.3 60.3#
105 203.4 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion:248 Resp: 49692
Ion Ratio Lower Upper
248 100
250 194.1 76.8 115.2#
141 393.3 59.8 89.8#

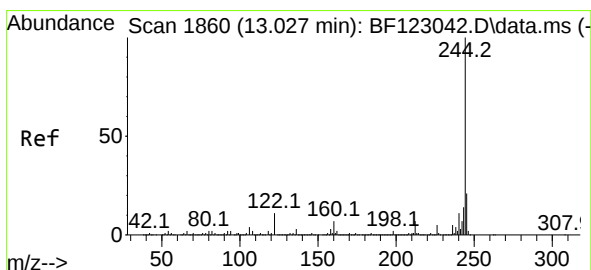
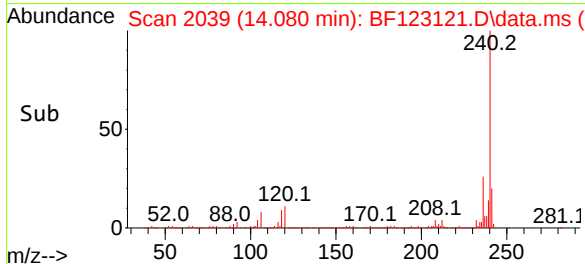
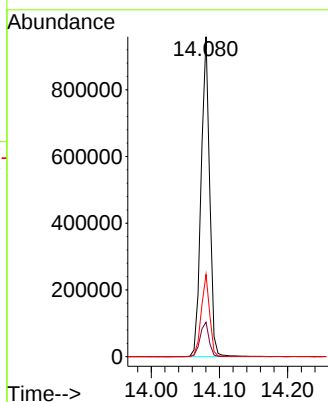
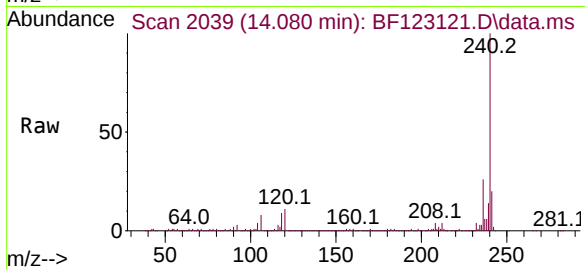




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

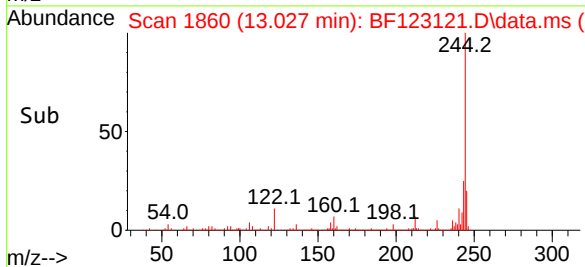
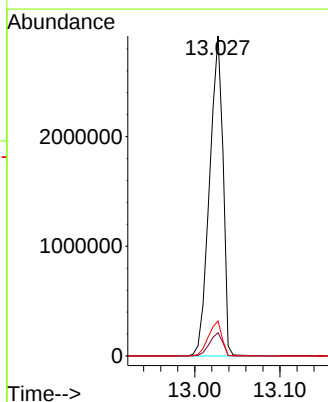
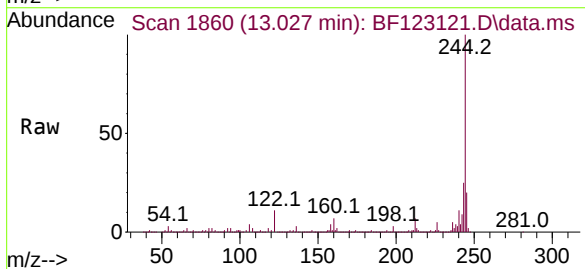
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-4

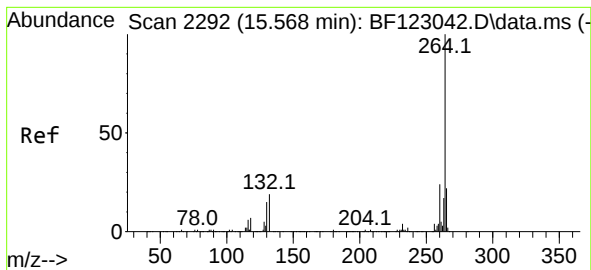
Tgt Ion:240 Resp: 837667
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 74.92 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123121.D
Acq: 4 Feb 2021 19:28

Tgt Ion:244 Resp: 3194120
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF123121.D
 Acq: 4 Feb 2021 19:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-4

Tgt Ion:264 Resp: 745223
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.1 17.0 25.6

