

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123442.D
 Acq On : 24 Mar 2021 16:46
 Operator : JU/CG
 Sample : M1777-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 248-250

Quant Time: Mar 25 00:39:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

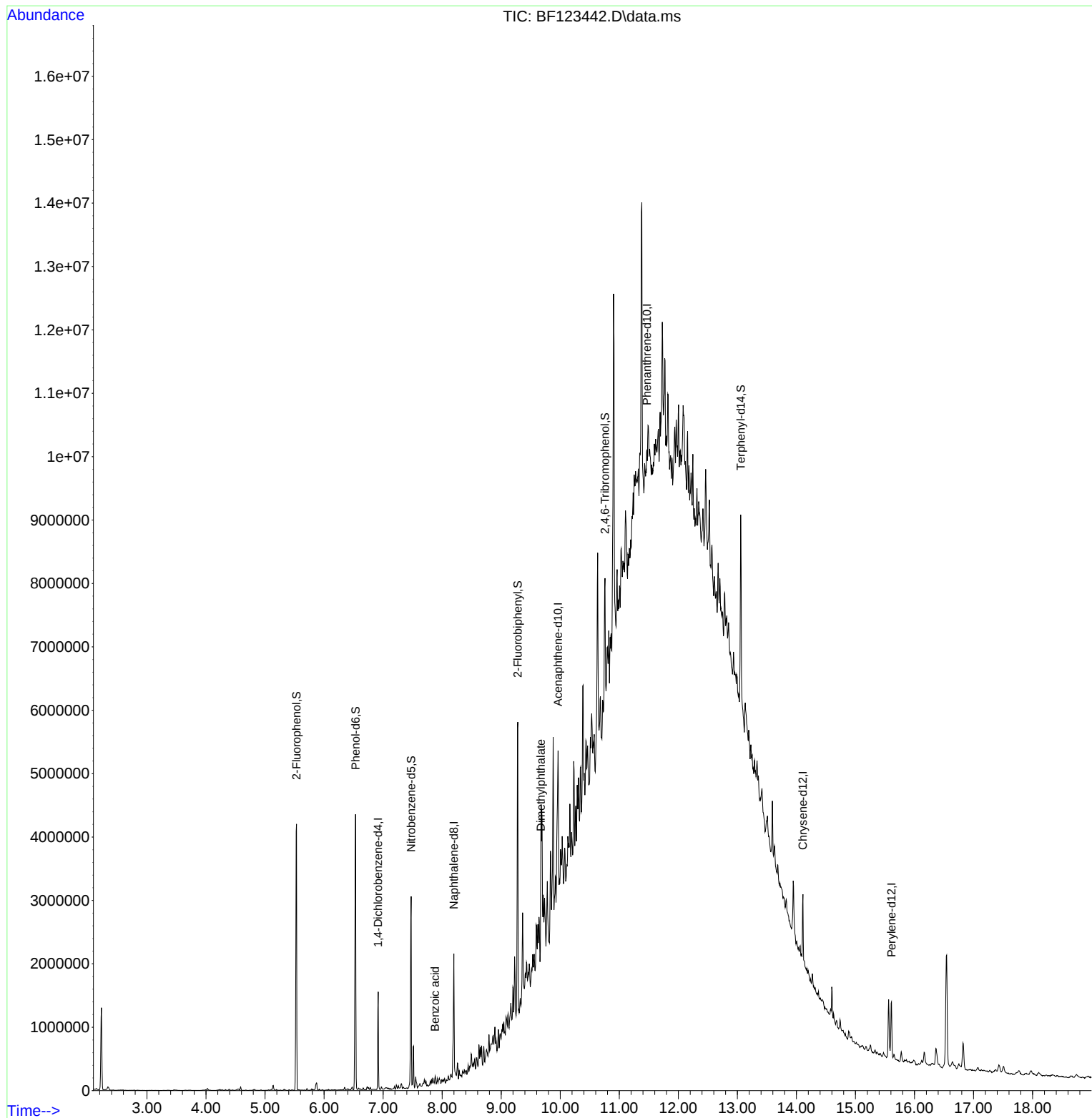
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	209666	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	728278	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	311458	20.00	ng	0.00
64) Phenanthrene-d10	11.468	188	369689	20.00	ng	# 0.02
76) Chrysene-d12	14.110	240	358502	20.00	ng	0.00
86) Perylene-d12	15.609	264	441102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1098457	85.71	ng	0.00
7) Phenol-d6	6.534	99	1382396	81.03	ng	0.00
23) Nitrobenzene-d5	7.475	82	920739	68.23	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	279047	80.14	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1480274	67.90	ng	0.00
79) Terphenyl-d14	13.057	244	1014669	47.97	ng	0.00
Target Compounds						
32) Benzoic acid	7.880	122	21730	3.11	ng	Qvalue 87
50) Dimethylphthalate	9.669	163	59806	2.70	ng	# 62

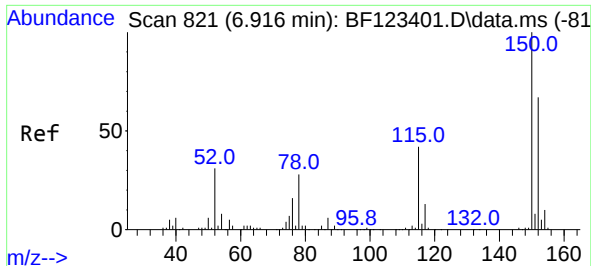
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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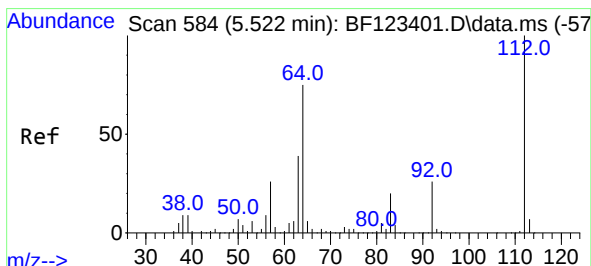
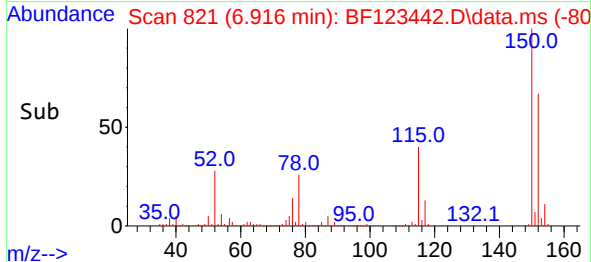
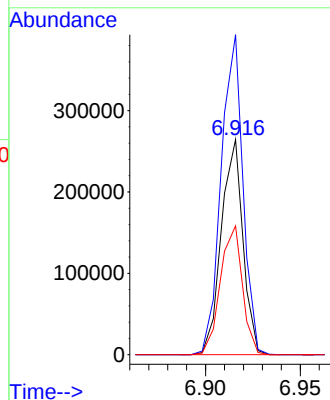
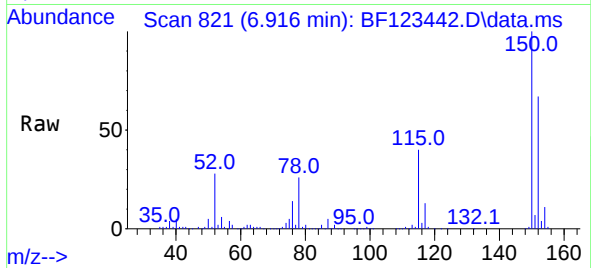




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

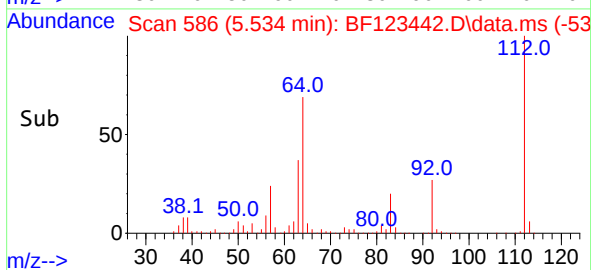
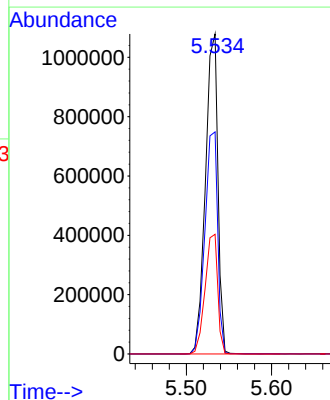
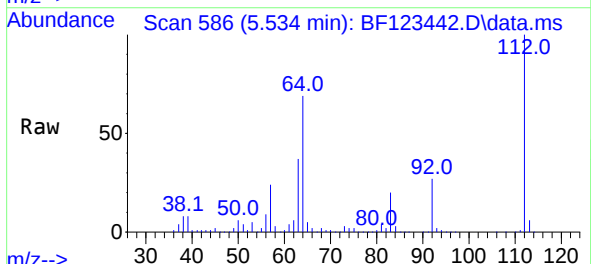
Instrument :
BNA_F
ClientSampleId :
248-250

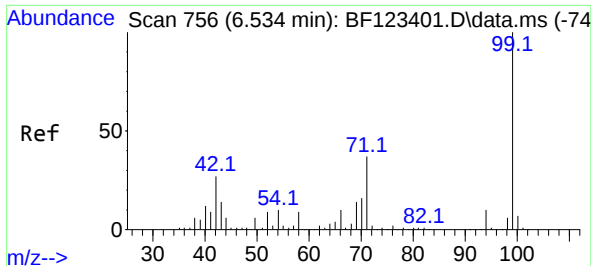
Tgt Ion:152 Resp: 209666
Ion Ratio Lower Upper
152 100
150 148.7 125.8 188.6
115 59.8 49.3 73.9



#5
2-Fluorophenol
Concen: 85.71 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:112 Resp: 1098457
Ion Ratio Lower Upper
112 100
64 69.4 46.9 70.3
63 37.4 24.5 36.7#

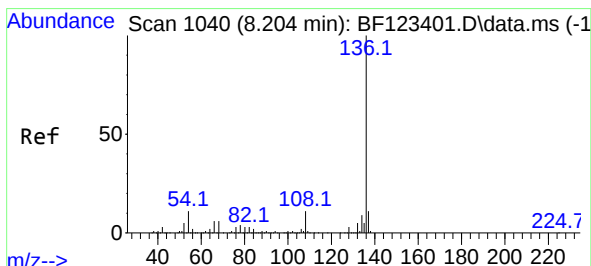
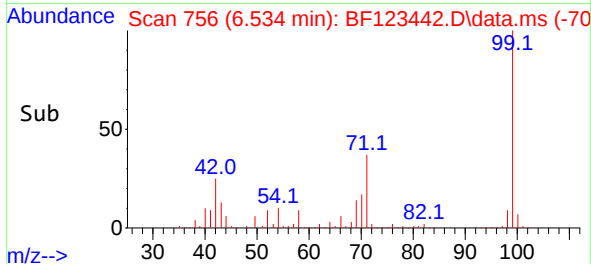
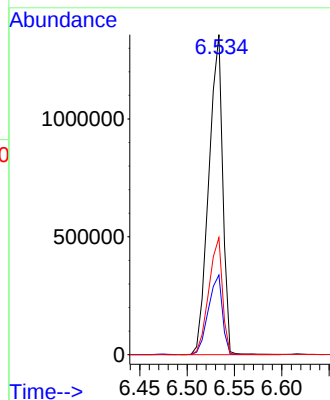
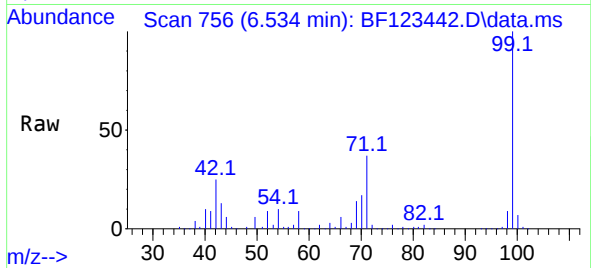




#7
Phenol-d6
Concen: 81.03 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

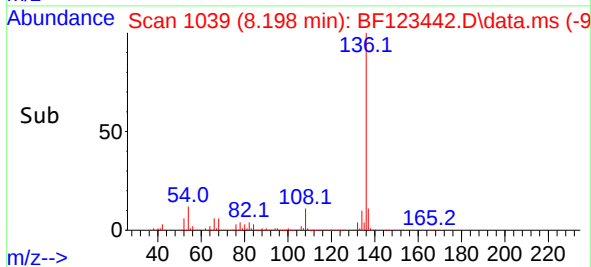
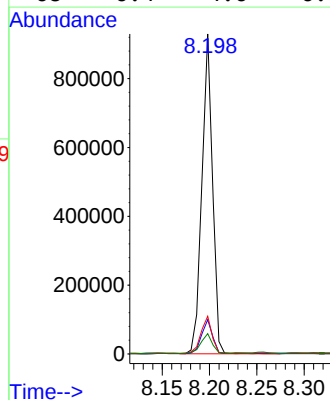
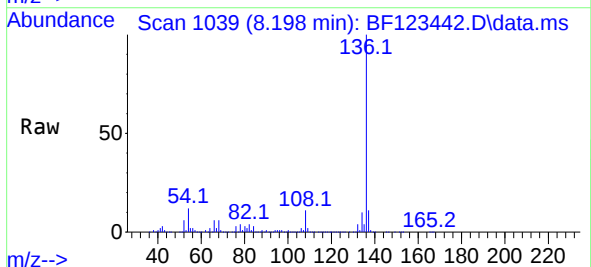
Instrument :
BNA_F
ClientSampleId :
248-250

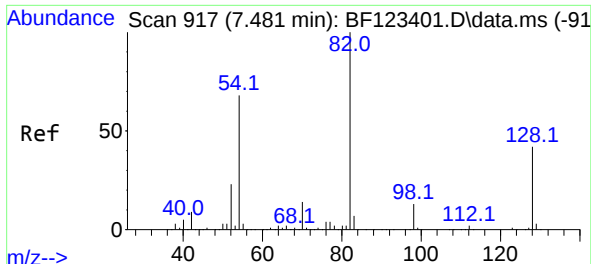
Tgt Ion: 99 Resp: 1382396
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 36.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:136 Resp: 728278
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.8 5.5 8.3#
68 6.4 4.6 6.8

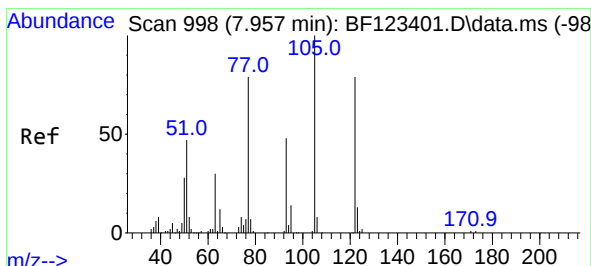
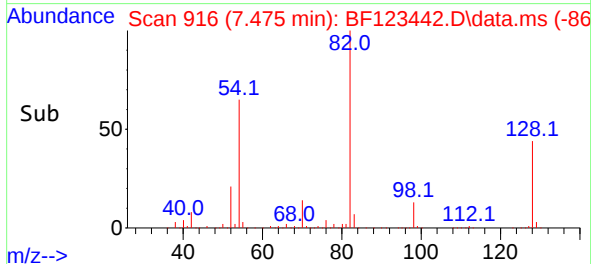
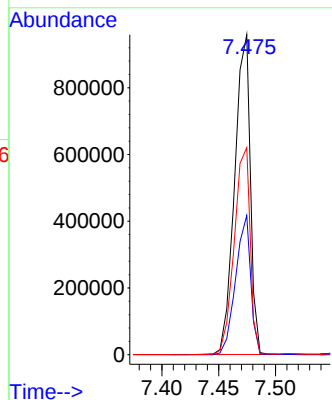
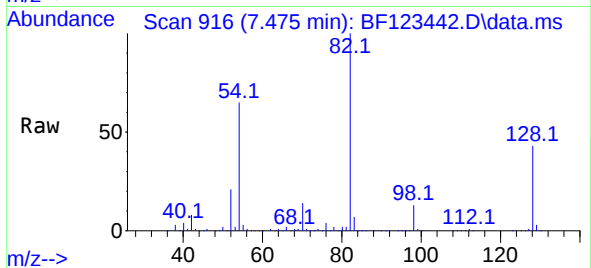




#23
Nitrobenzene-d5
Concen: 68.23 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

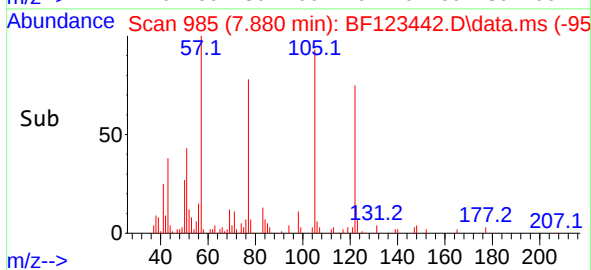
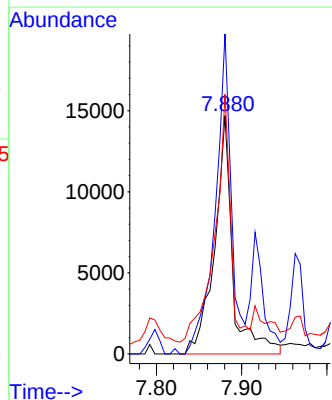
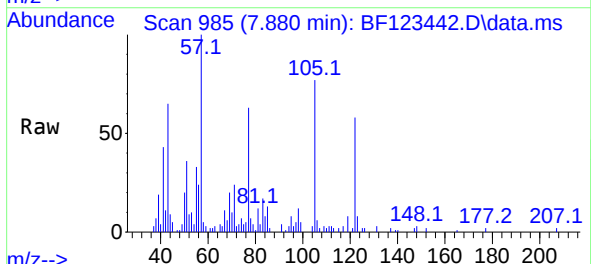
Instrument :
BNA_F
ClientSampleId :
248-250

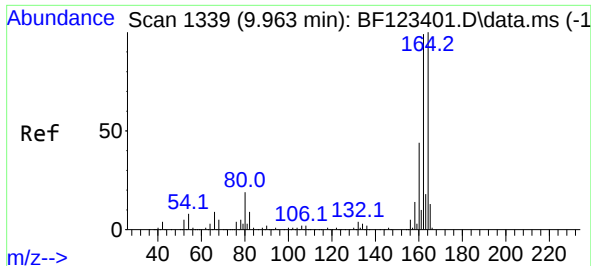
Tgt Ion: 82 Resp: 920739
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 64.7 38.4 57.6#



#32
Benzoic acid
Concen: 3.11 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.094 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:122 Resp: 21730
Ion Ratio Lower Upper
122 100
105 134.2 104.8 144.8
77 108.9 71.0 111.0

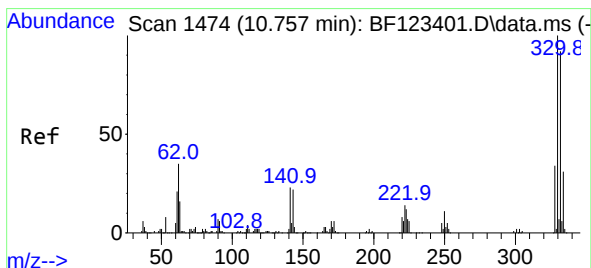
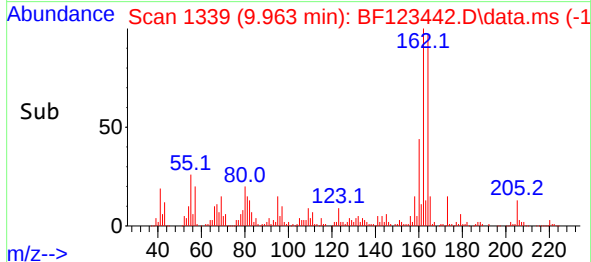
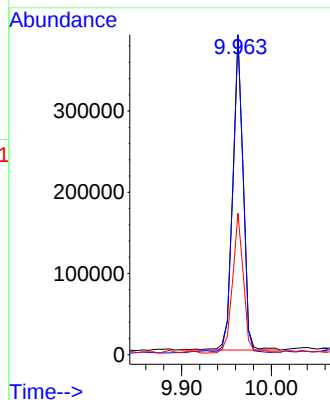
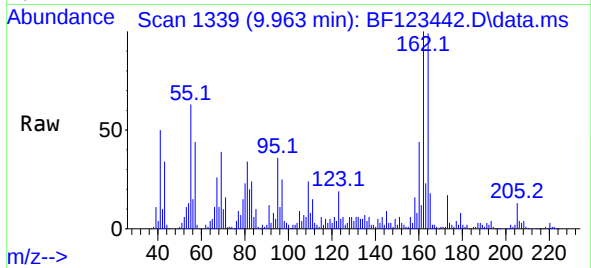




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

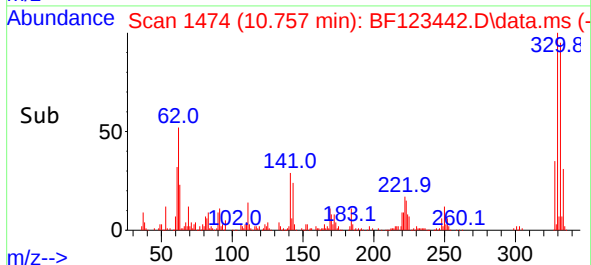
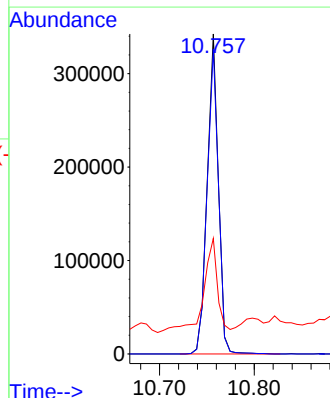
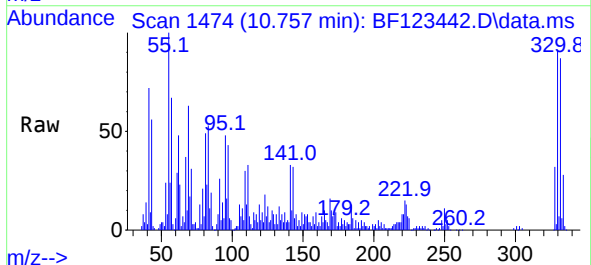
Instrument :
BNA_F
ClientSampleId :
248-250

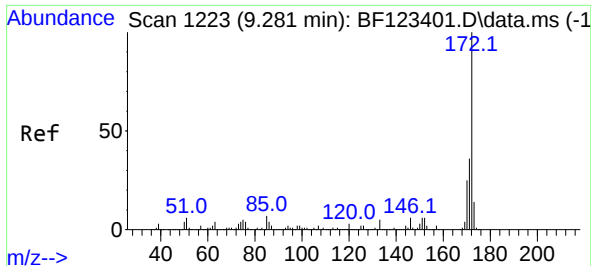
Tgt Ion:164 Resp: 311458
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 80.14 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:330 Resp: 279047
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 37.2 23.8 35.8#



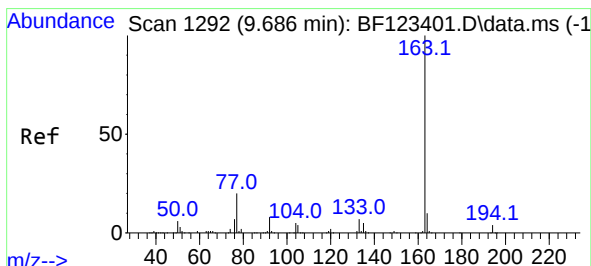
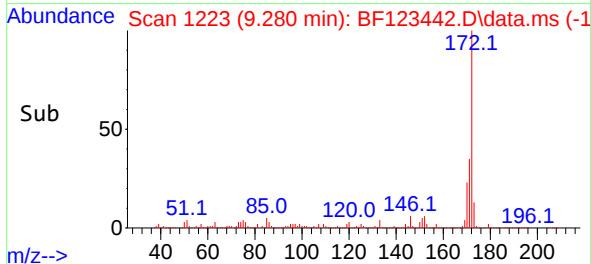
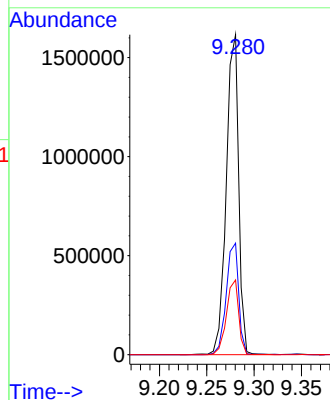
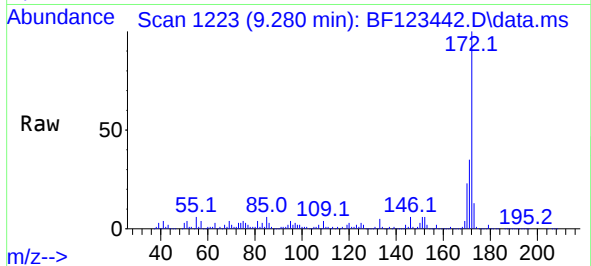


#45
2-Fluorobiphenyl
Concen: 67.90 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Instrument :
BNA_F
ClientSampled :
248-250

Tgt Ion:172 Resp: 1480274

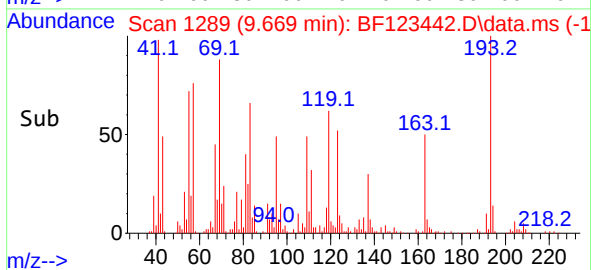
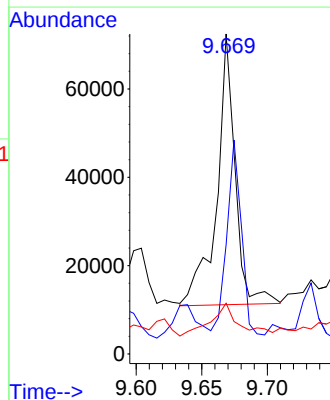
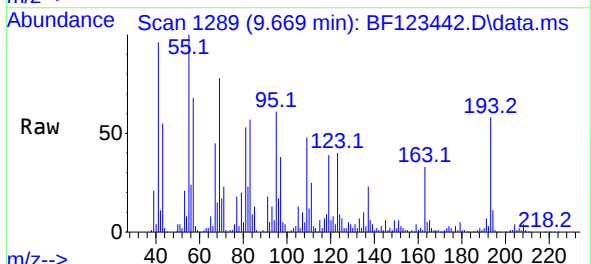
Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.3	19.5	29.3

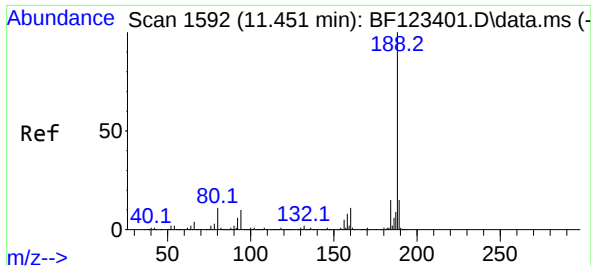


#50
Dimethylphthalate
Concen: 2.70 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:163 Resp: 59806

Ion	Ratio	Lower	Upper
163	100		
194	34.2	3.4	5.0#
164	15.8	8.1	12.1#

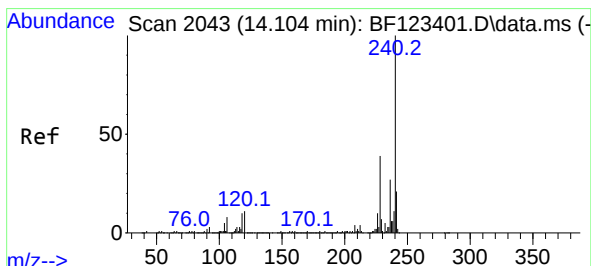
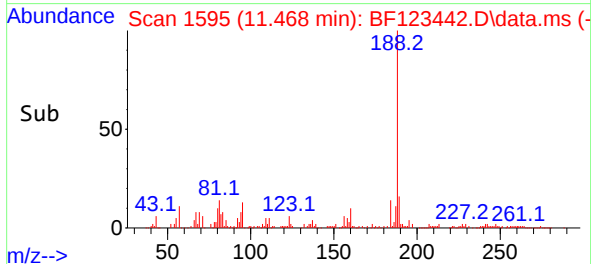
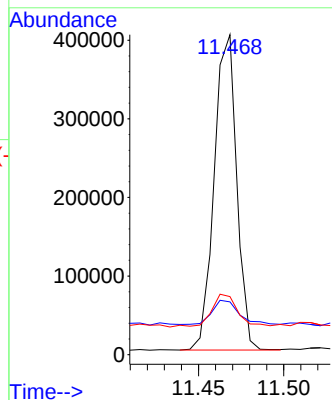
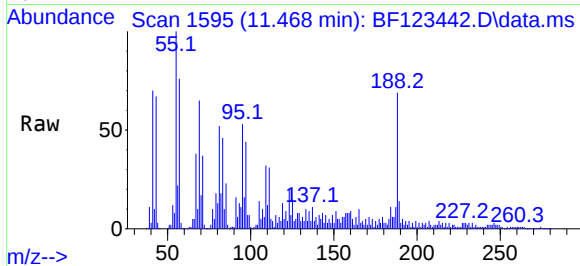




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.468 min Scan# 1595
Delta R.T. 0.017 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

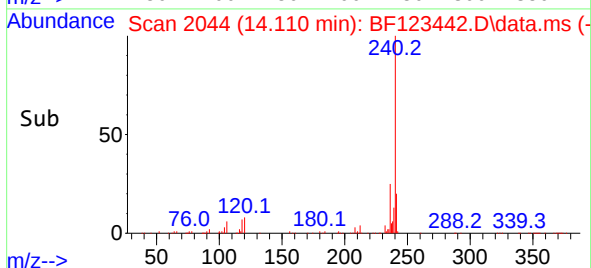
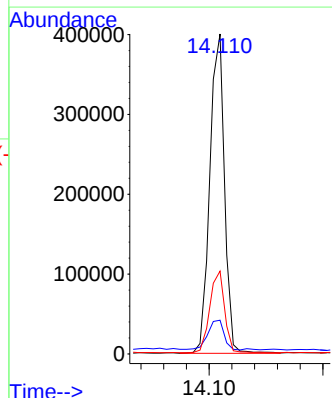
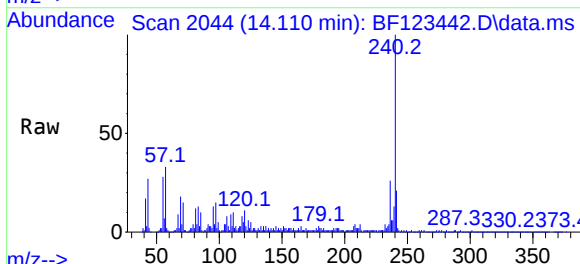
Instrument :
BNA_F
ClientSampleId :
248-250

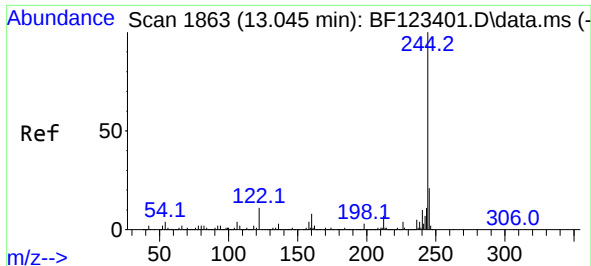
Tgt Ion:188 Resp: 369689
Ion Ratio Lower Upper
188 100
94 16.5 7.4 11.2#
80 18.1 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:240 Resp: 358502
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.9 20.3 30.5

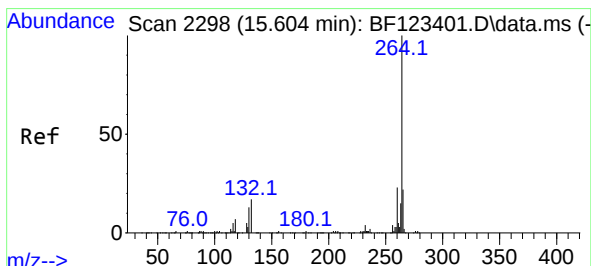
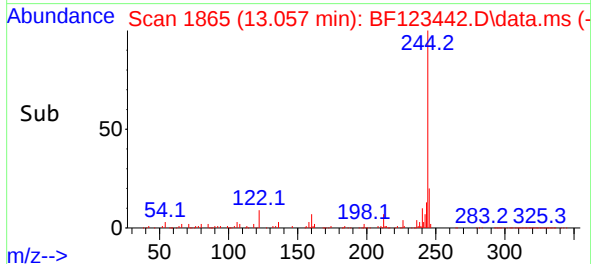
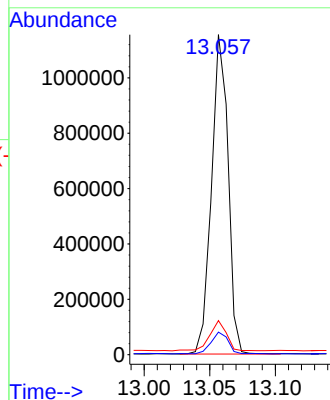
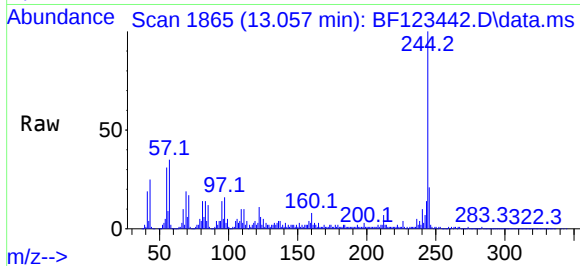




#79
Terphenyl-d14
Concen: 47.97 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Instrument :
BNA_F
ClientSampleId :
248-250

Tgt Ion:244 Resp: 1014669
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.7 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BF123442.D
Acq: 24 Mar 2021 16:46

Tgt Ion:264 Resp: 441102
Ion Ratio Lower Upper
264 100
260 22.0 18.6 28.0
265 22.0 17.0 25.6

