

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123947.D
 Acq On : 15 May 2021 16:17
 Operator : JU/CG
 Sample : M2392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: May 16 05:20:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

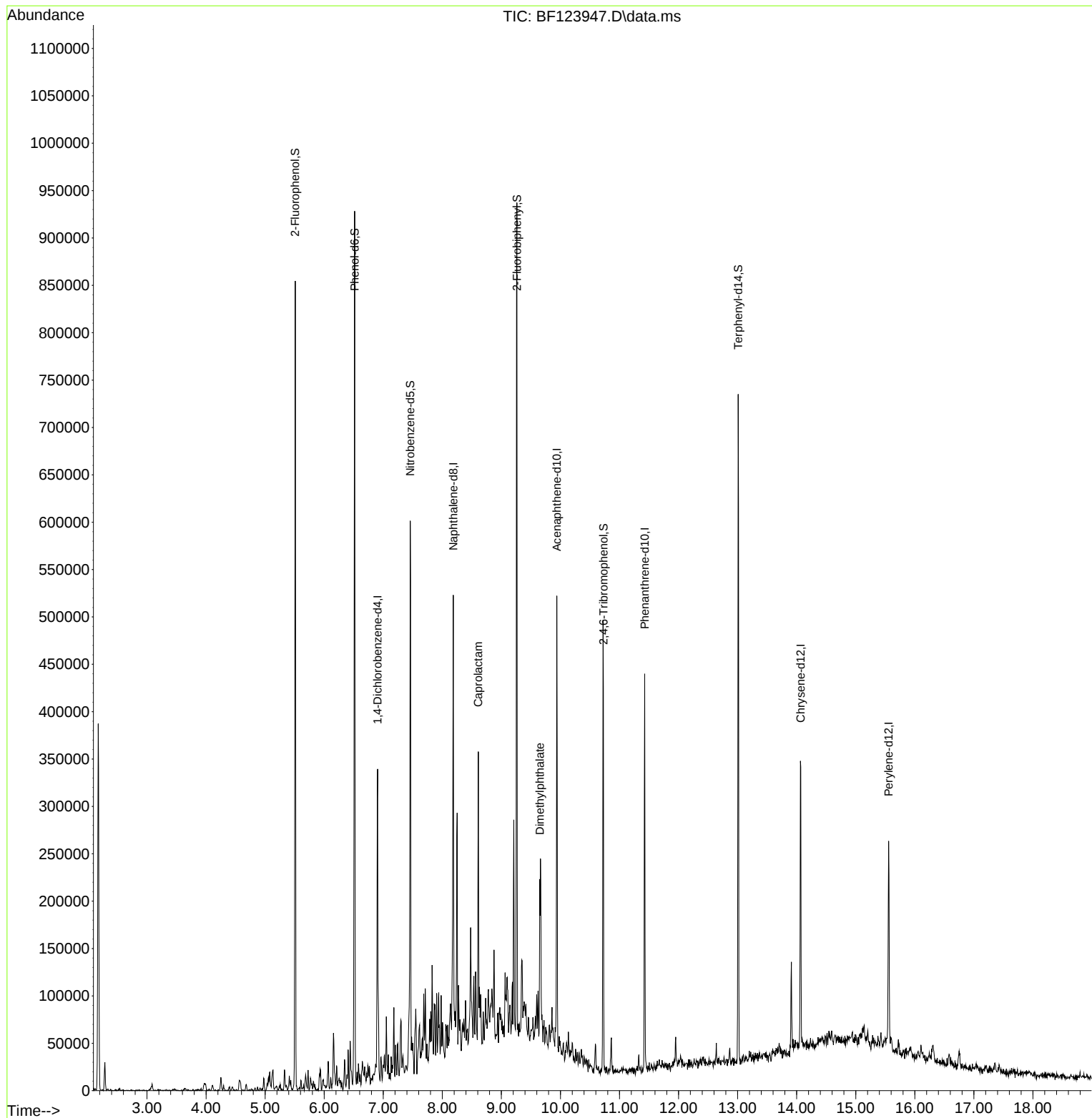
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	39662	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	147829	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	78258	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	122245	20.00	ng	0.00
76) Chrysene-d12	14.068	240	93711	20.00	ng	0.00
86) Perylene-d12	15.557	264	85783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	161313	57.10	ng	0.00
7) Phenol-d6	6.516	99	229393	62.60	ng	0.00
23) Nitrobenzene-d5	7.457	82	164828	48.04	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	42317	45.02	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	232642	36.58	ng	0.00
79) Terphenyl-d14	13.010	244	193927	31.34	ng	0.00
Target Compounds						
35) Caprolactam	8.610	113	4796	6.89	ng	# 56
50) Dimethylphthalate	9.651	163	26373	4.22	ng	# 98

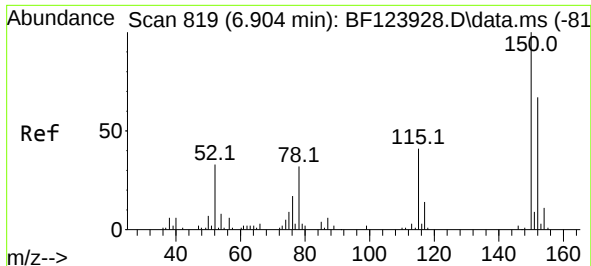
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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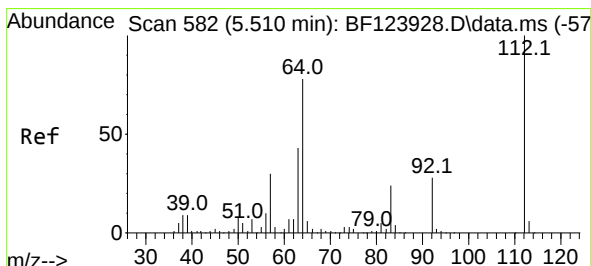
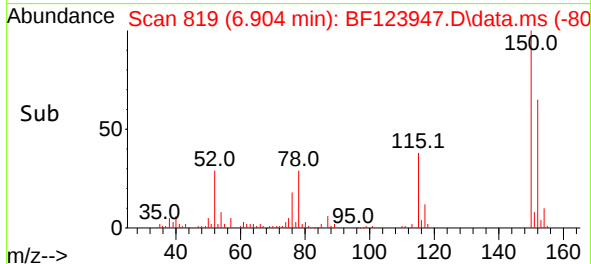
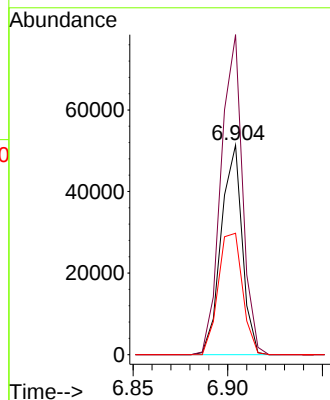
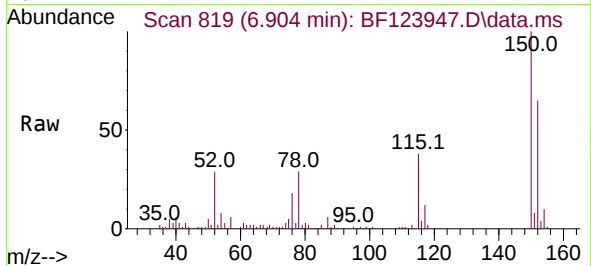




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

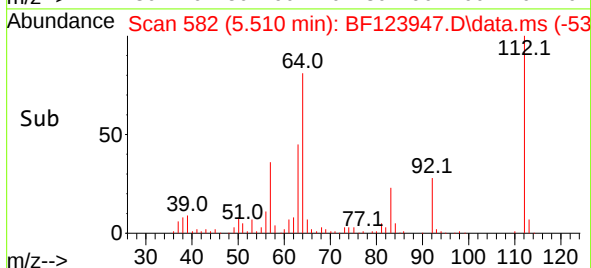
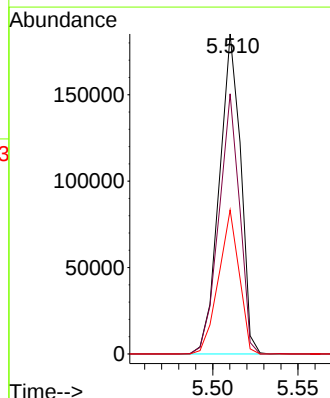
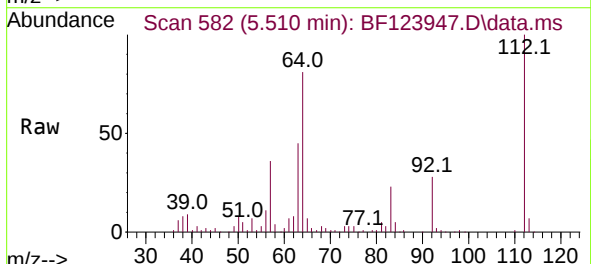
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

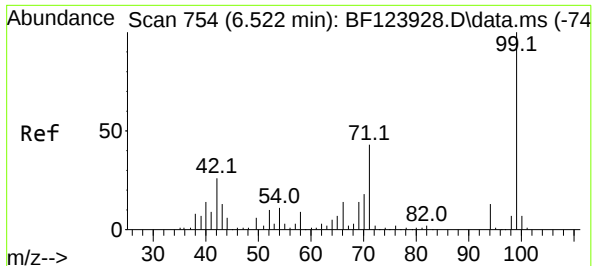
Tgt Ion:152 Resp: 39662
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.6
115 58.0 54.3 81.5



#5
2-Fluorophenol
Concen: 57.10 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion:112 Resp: 161313
Ion Ratio Lower Upper
112 100
64 81.3 61.4 92.0
63 45.0 33.0 49.4

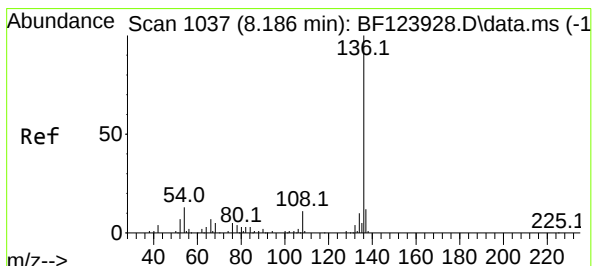
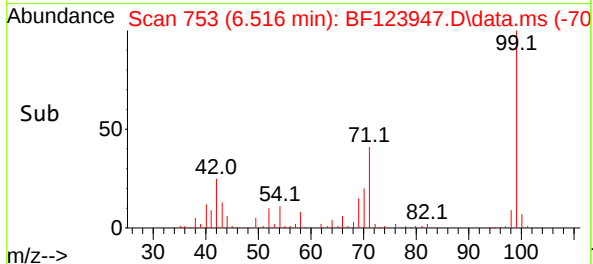
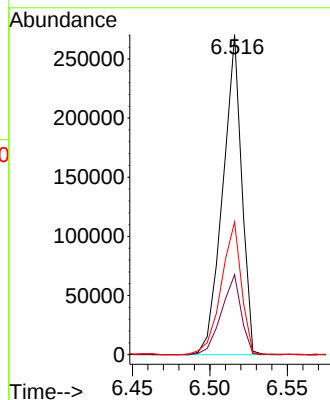
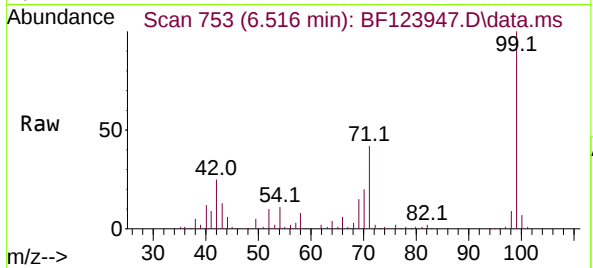




#7
Phenol-d6
Concen: 62.60 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

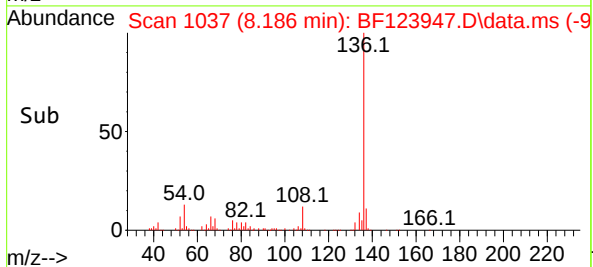
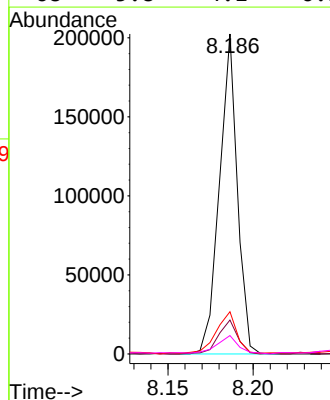
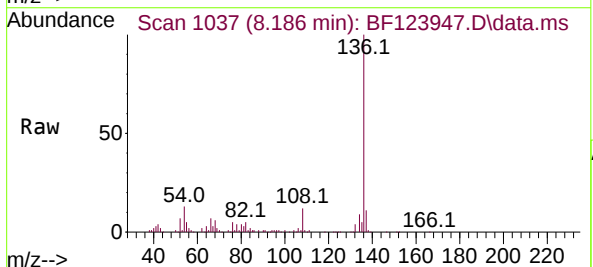
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

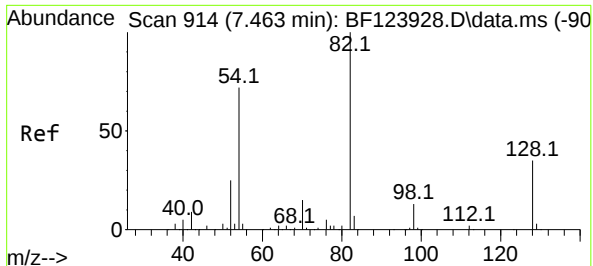
Tgt Ion: 99 Resp: 229393
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 41.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion: 136 Resp: 147829
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 13.2 9.8 14.6
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.04 ng

RT: 7.457 min Scan# 913

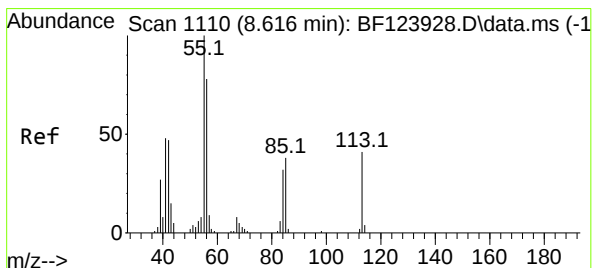
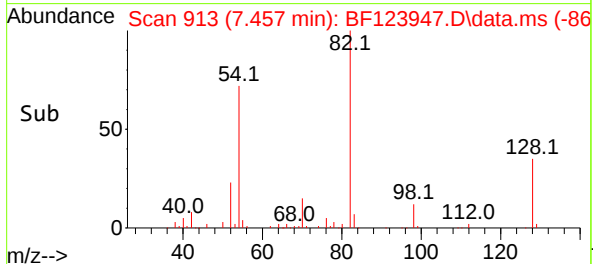
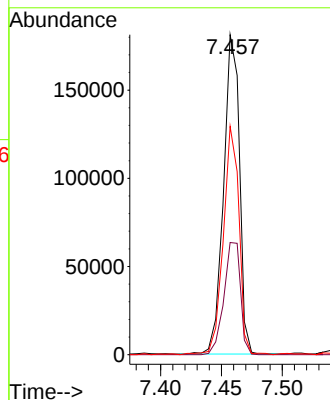
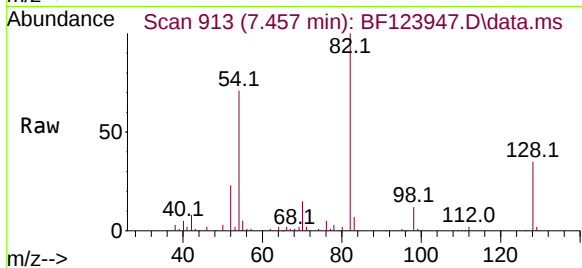
Delta R.T. -0.006 min

Lab File: BF123947.D

Acq: 15 May 2021 16:17

Tgt Ion: 82 Resp: 164828

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.4	44.2
54	71.3	54.1	81.1



#35

Caprolactam

Concen: 6.89 ng

RT: 8.610 min Scan# 1109

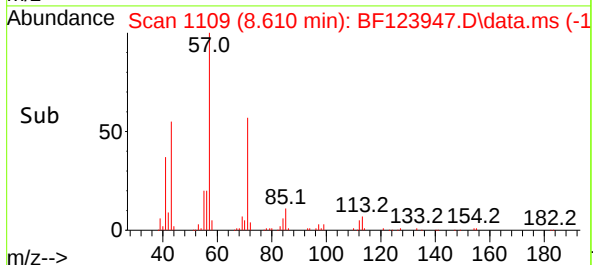
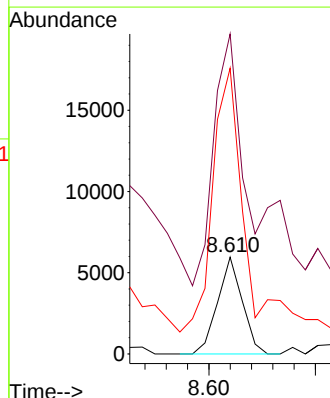
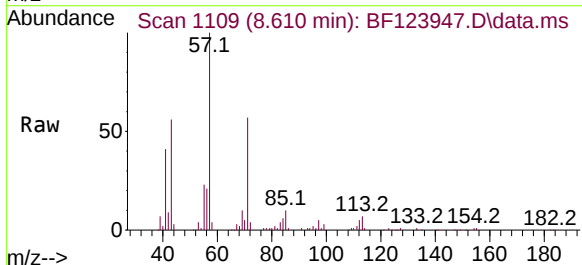
Delta R.T. -0.006 min

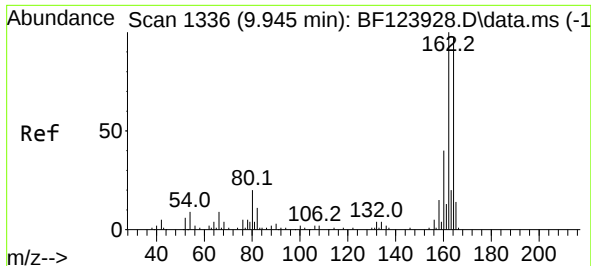
Lab File: BF123947.D

Acq: 15 May 2021 16:17

Tgt Ion: 113 Resp: 4796

Ion	Ratio	Lower	Upper
113	100		
55	330.5	254.9	294.9#
56	295.1	179.4	219.4#

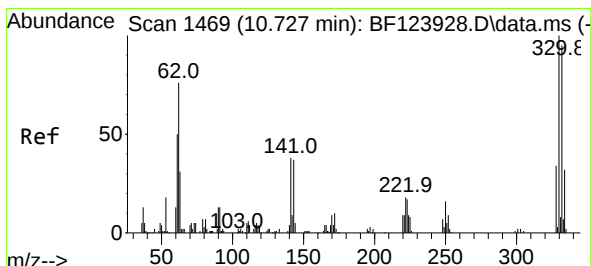
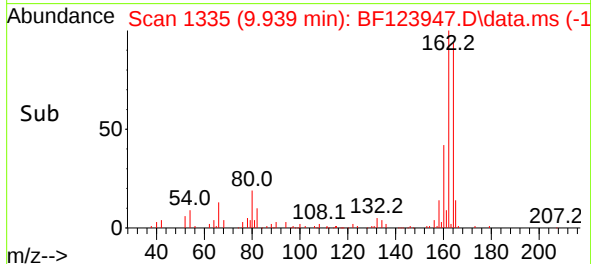
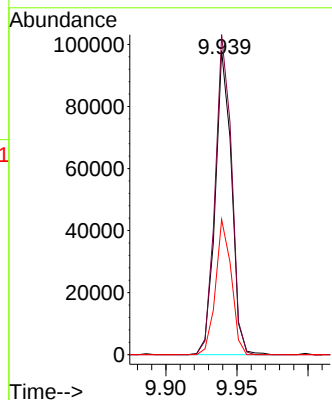
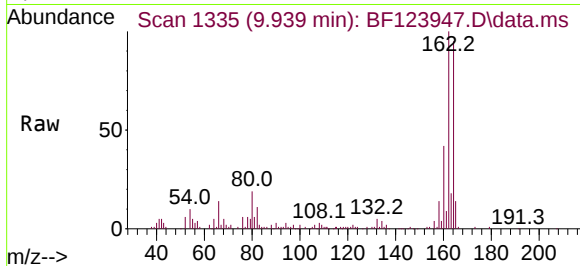




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

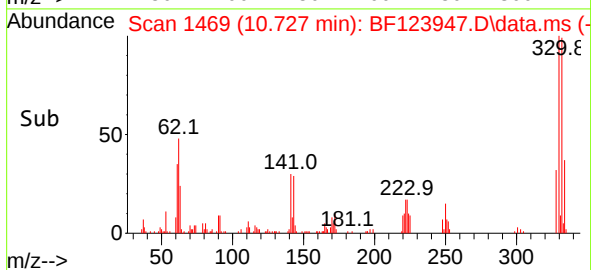
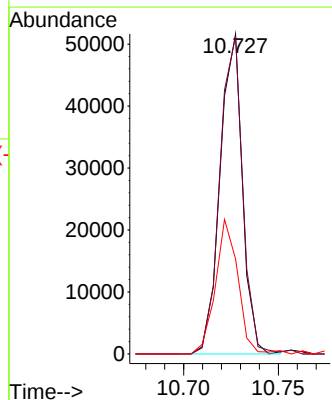
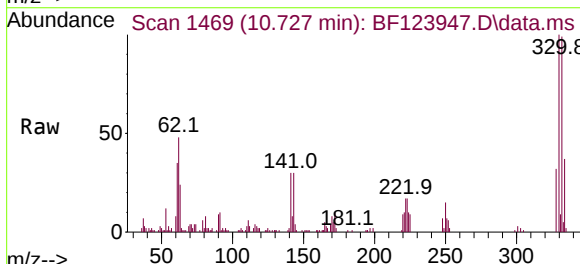
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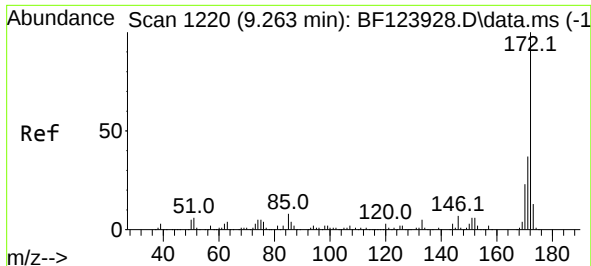
Tgt Ion:164 Resp: 78258
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 44.5 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 45.02 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion:330 Resp: 42317
Ion Ratio Lower Upper
330 100
332 101.9 77.1 115.7
141 42.5 27.9 41.9#

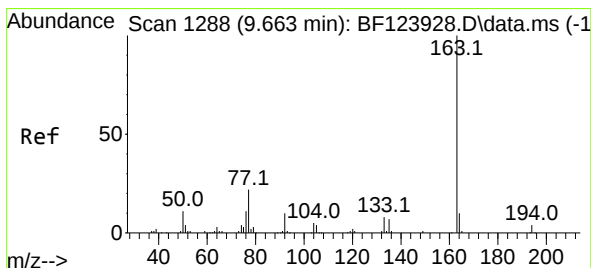
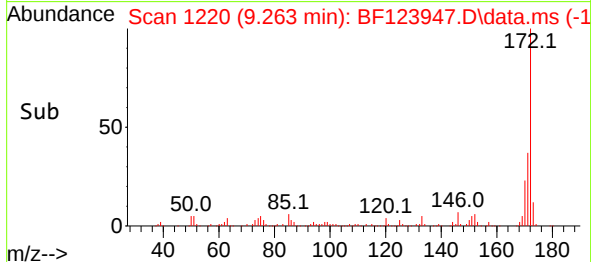
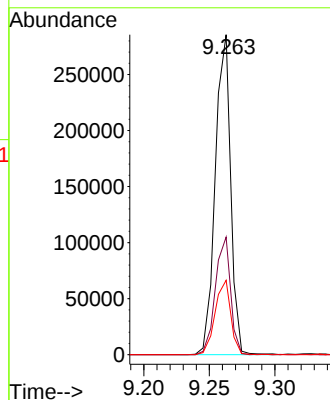
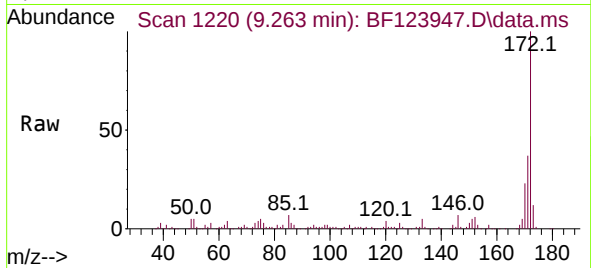




#45
2-Fluorobiphenyl
Concen: 36.58 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

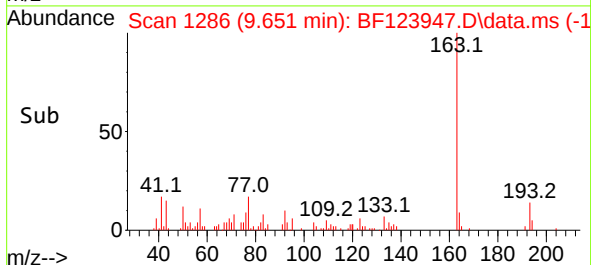
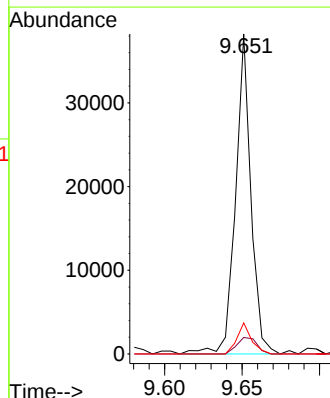
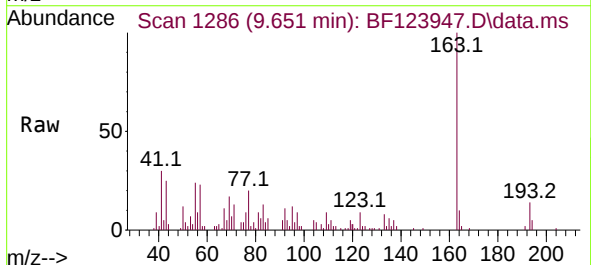
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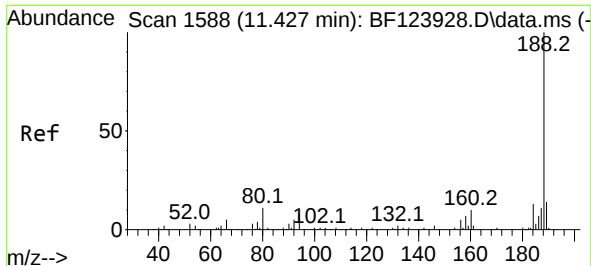
Tgt Ion:172 Resp: 232642
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.3 19.2 28.8



#50
Dimethylphthalate
Concen: 4.22 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion:163 Resp: 26373
Ion Ratio Lower Upper
163 100
194 5.1 3.1 4.7#
164 9.7 8.2 12.2

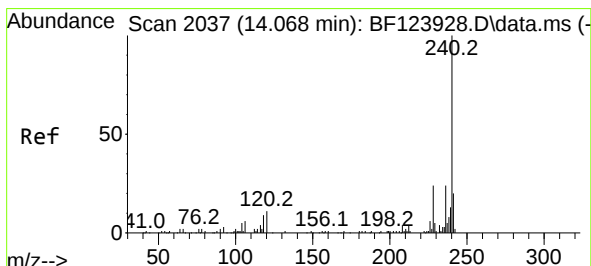
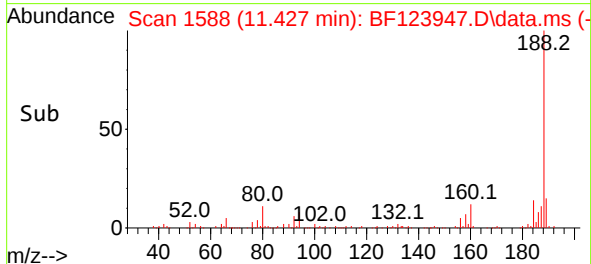
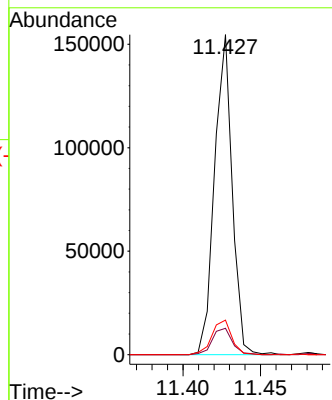
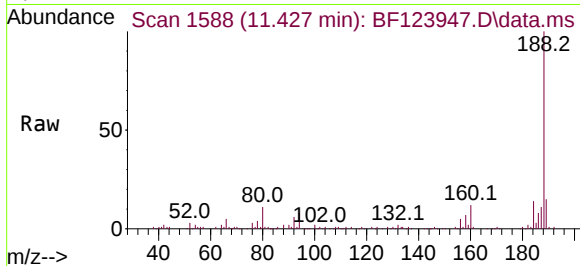




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

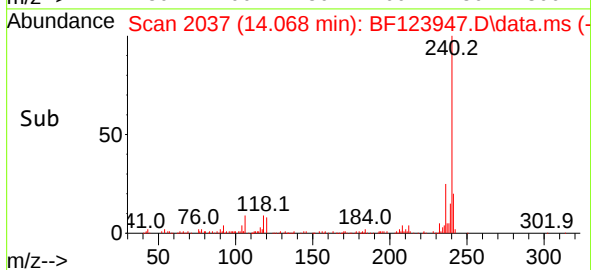
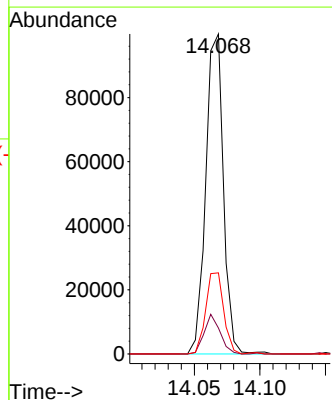
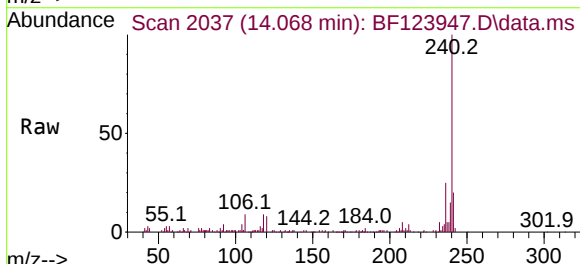
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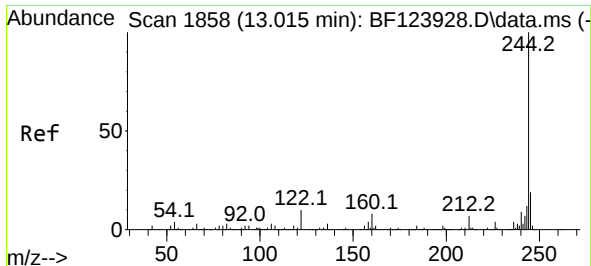
Tgt Ion:188 Resp: 122245
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion:240 Resp: 93711
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.4 19.0 28.4

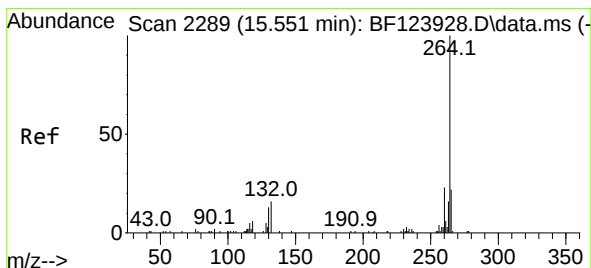
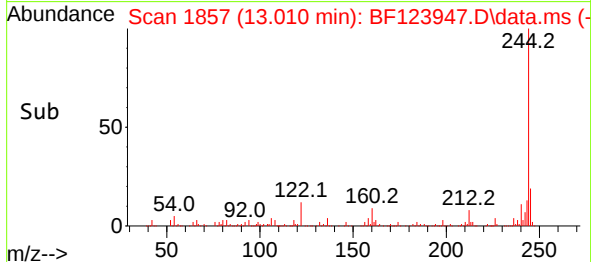
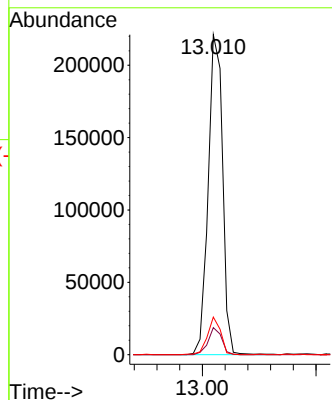
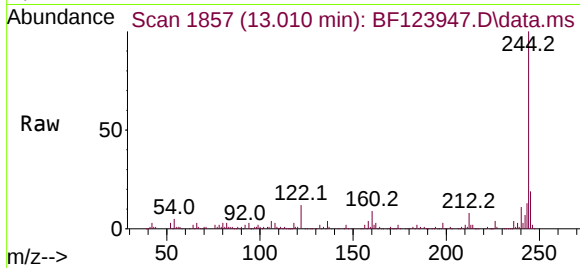




#79
Terphenyl-d14
Concen: 31.34 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 193927
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 11.7 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF123947.D
Acq: 15 May 2021 16:17

Tgt Ion:264 Resp: 85783
Ion Ratio Lower Upper
264 100
260 25.3 18.7 28.1
265 21.2 17.8 26.8

