

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123963.D
 Acq On : 17 May 2021 15:03
 Operator : JU/CG
 Sample : M2383-12DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-02-05122021DL

Quant Time: May 17 15:45:29 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)

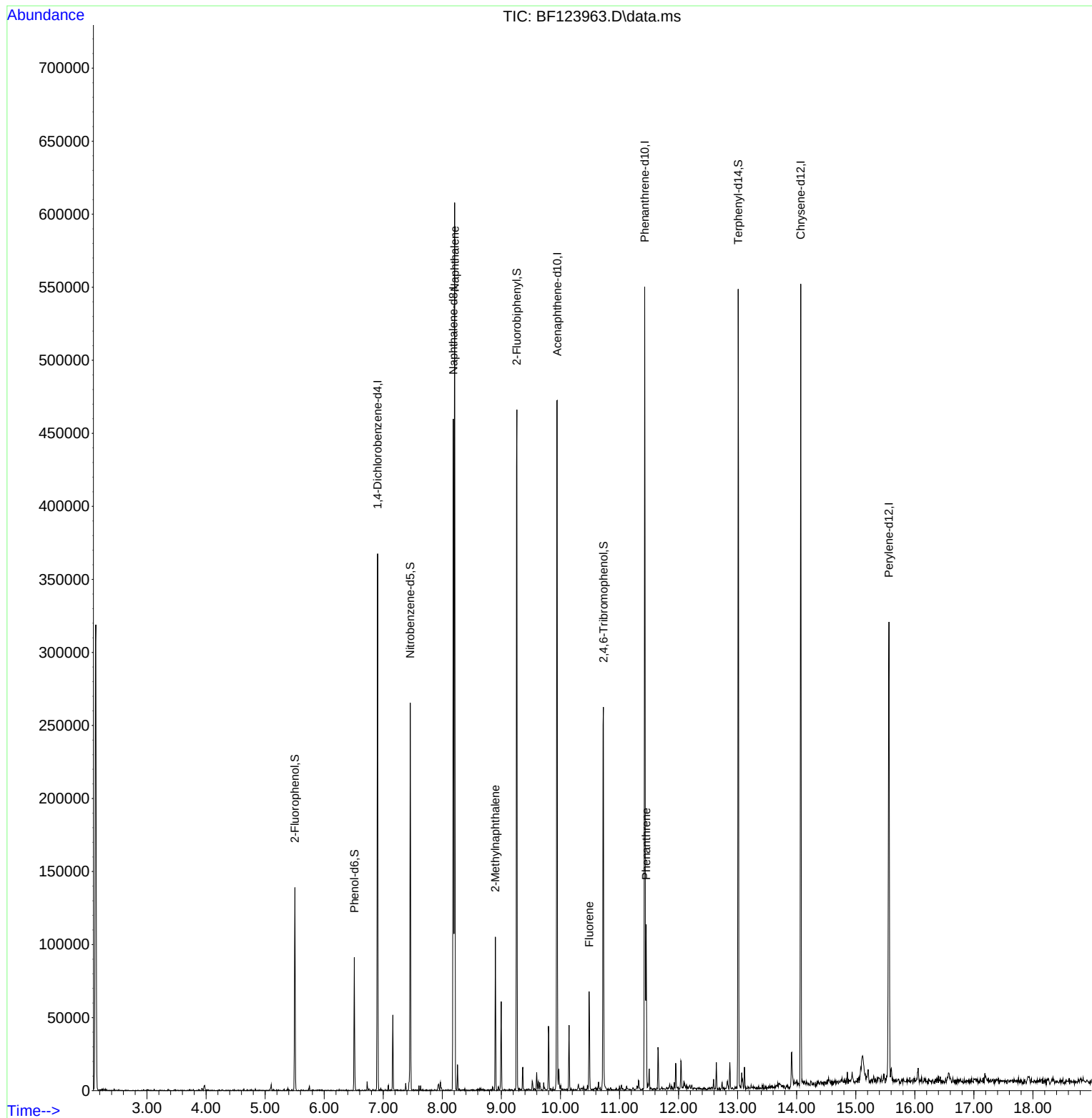
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	39220	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	156291	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	90664	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	178466	20.00	ng	0.00
76) Chrysene-d12	14.068	240	156125	20.00	ng	0.00
86) Perylene-d12	15.562	264	135161	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	26770	9.58	ng	0.00
7) Phenol-d6	6.510	99	19270	5.32	ng	-0.01
23) Nitrobenzene-d5	7.457	82	66203	18.25	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	27080	24.87	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	120483	16.35	ng	0.00
79) Terphenyl-d14	13.010	244	149044	14.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.210	128	199093	21.52	ng	99
37) 2-Methylnaphthalene	8.898	142	20425	3.26	ng	96
58) Fluorene	10.486	166	15569	2.24	ng	98
71) Phenanthrene	11.451	178	31949	2.82	ng	98

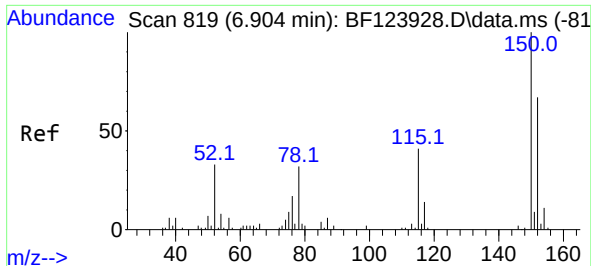
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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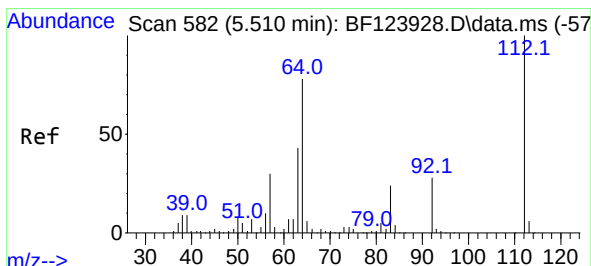
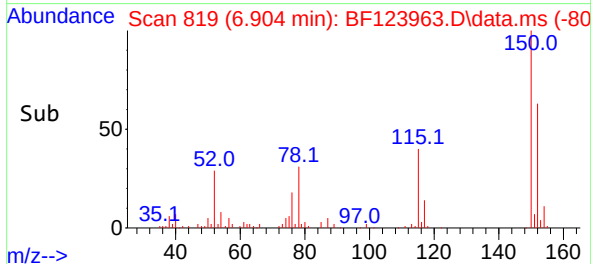
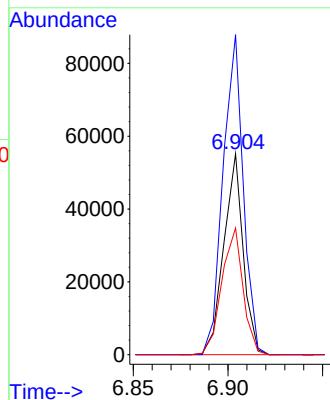
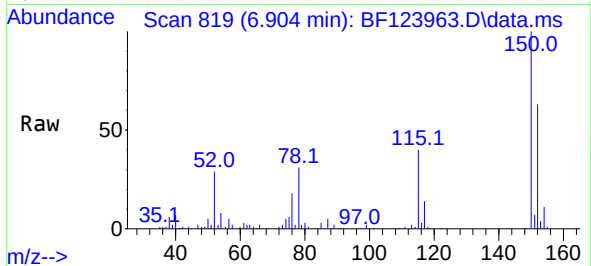




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

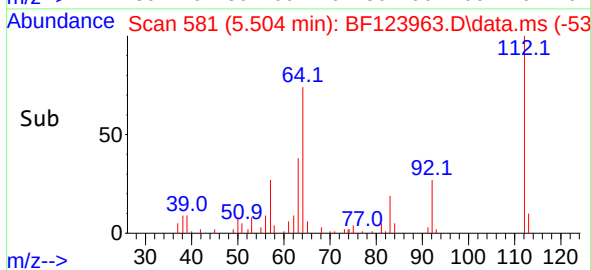
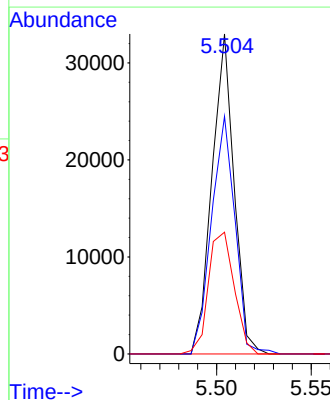
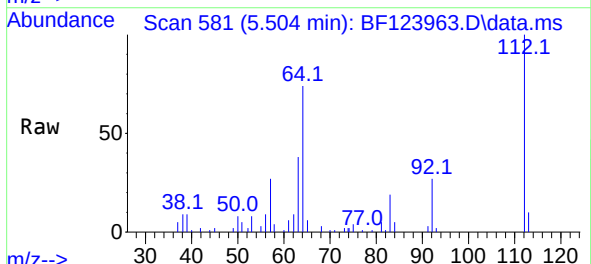
Instrument :
BNA_F
ClientSampleId :
DUP-02-05122021DL

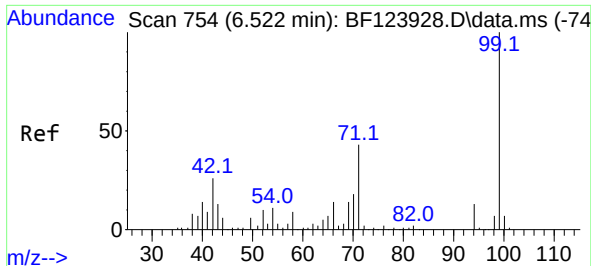
Tgt Ion:152 Resp: 39220
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 63.0 54.3 81.5



#5
2-Fluorophenol
Concen: 9.58 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion:112 Resp: 26770
Ion Ratio Lower Upper
112 100
64 74.3 61.4 92.0
63 38.1 33.0 49.4

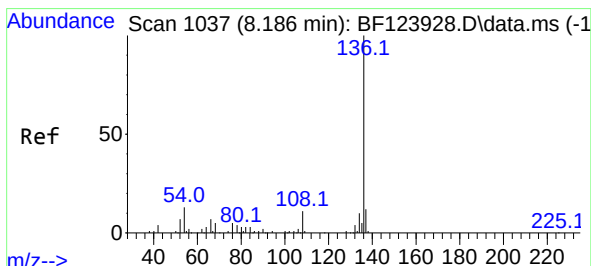
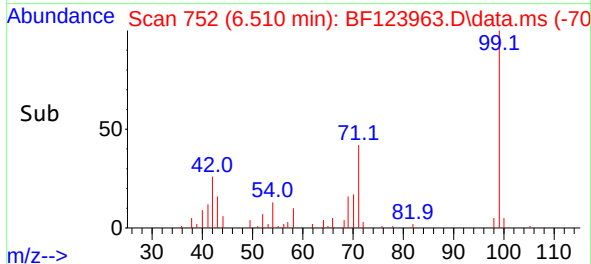
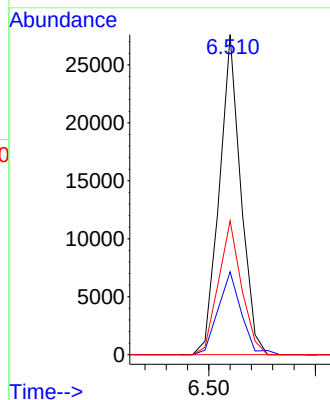
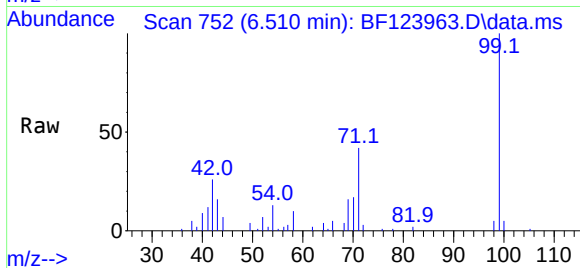




#7
Phenol-d6
Concen: 5.32 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

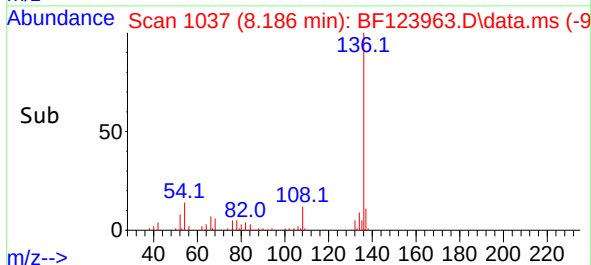
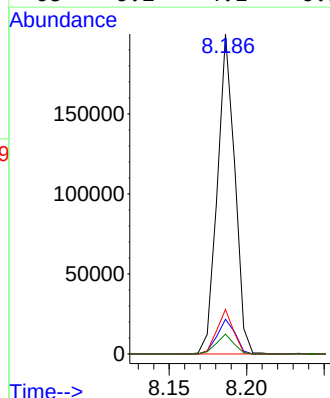
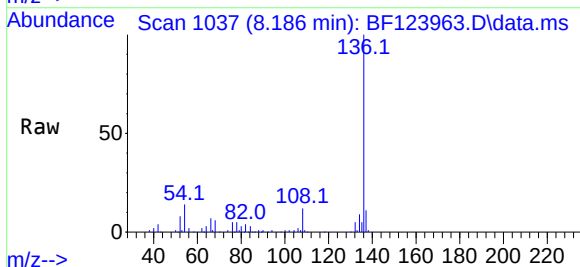
Instrument :
BNA_F
ClientSampleId :
DUP-02-05122021DL

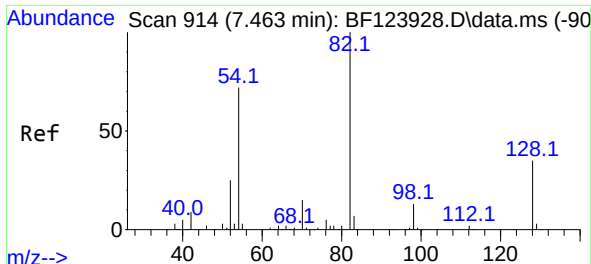
Tgt Ion:	99	Resp:	19270
Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.8	29.8
71	41.8	31.1	46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion:	136	Resp:	156291
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.9	9.8	14.6
68	6.2	4.1	6.1

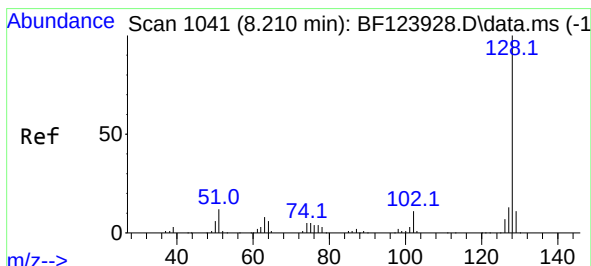
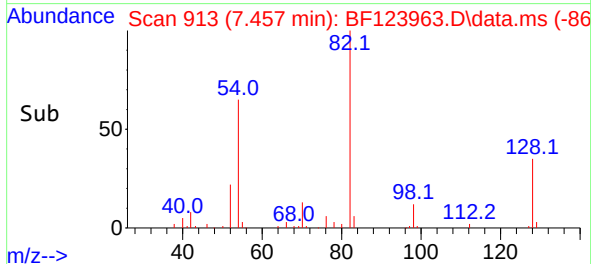
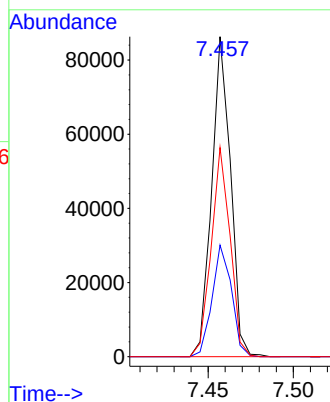
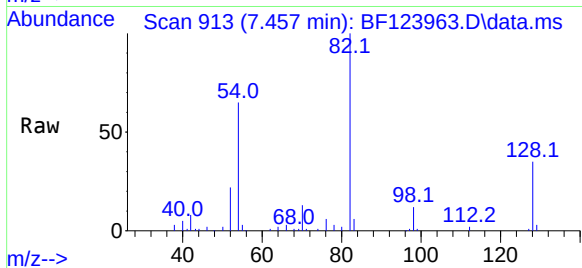




#23
Nitrobenzene-d5
Concen: 18.25 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

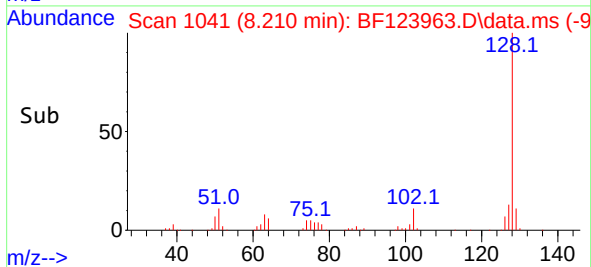
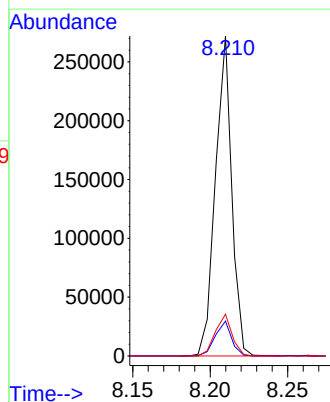
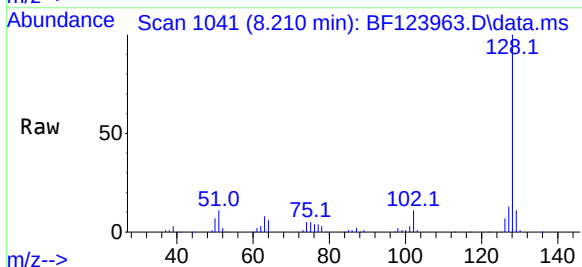
Instrument :
BNA_F
ClientSampleId :
DUP-02-05122021DL

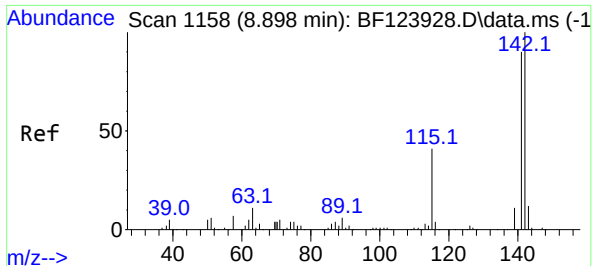
Tgt Ion: 82 Resp: 66203
Ion Ratio Lower Upper
82 100
128 34.9 29.4 44.2
54 65.4 54.1 81.1



#31
Naphthalene
Concen: 21.52 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion: 128 Resp: 199093
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.8 16.2

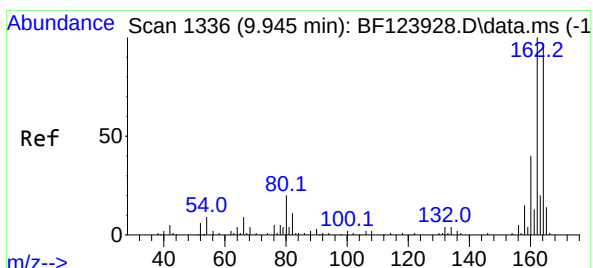
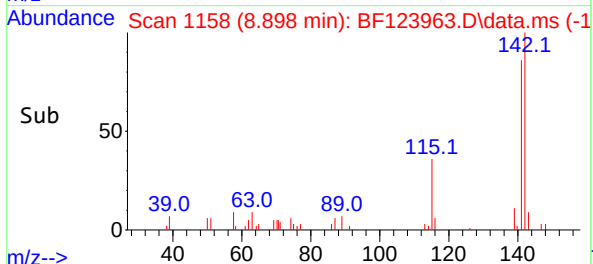
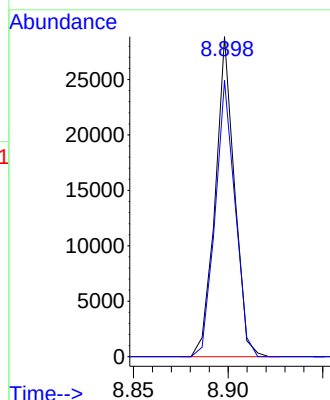
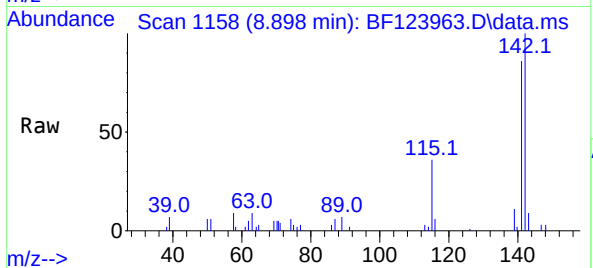




#37
2-Methylnaphthalene
Concen: 3.26 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

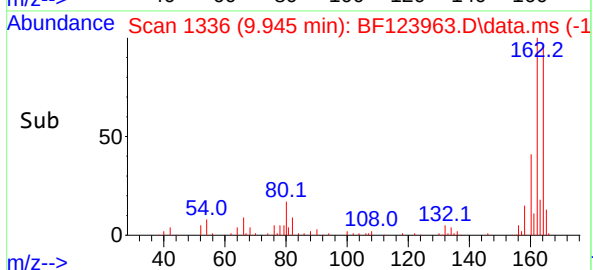
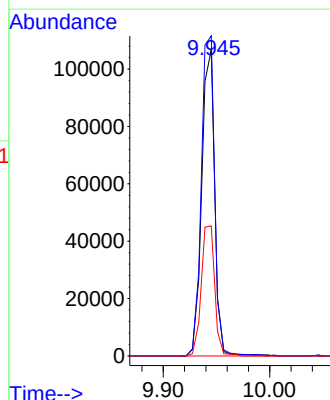
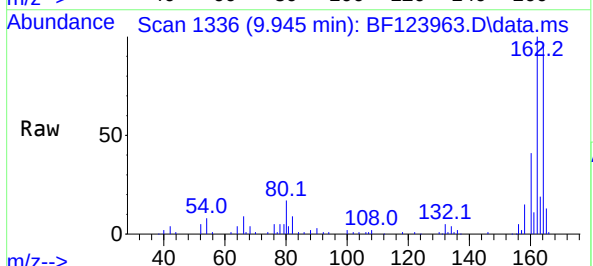
Instrument :
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ClientSampleId :
DUP-02-05122021DL

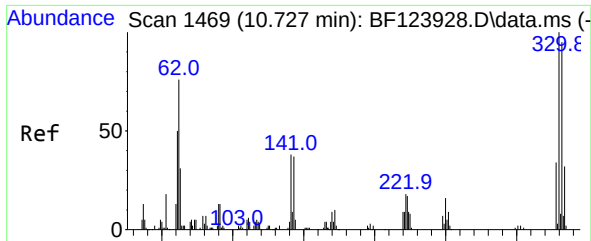
Tgt Ion:142 Resp: 20425
Ion Ratio Lower Upper
142 100
141 86.3 71.8 107.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

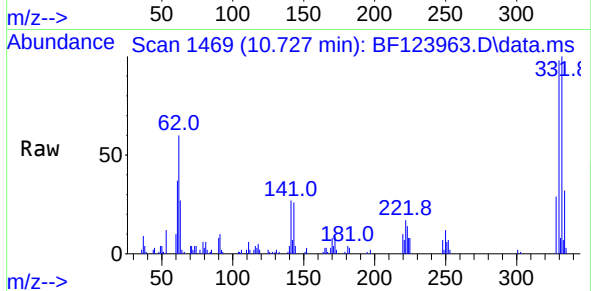
Tgt Ion:164 Resp: 90664
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 42.5 37.3 55.9



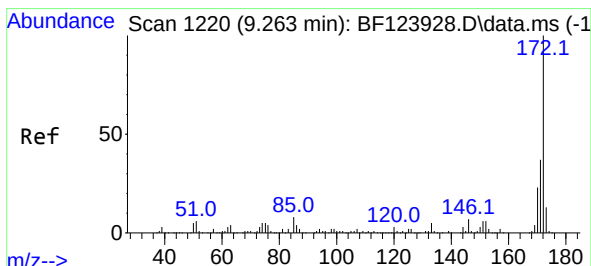
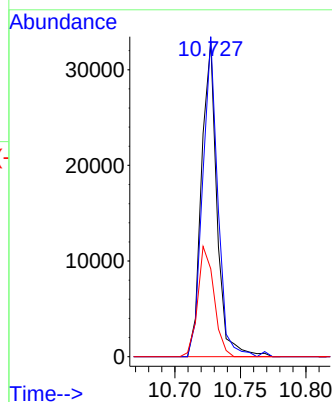
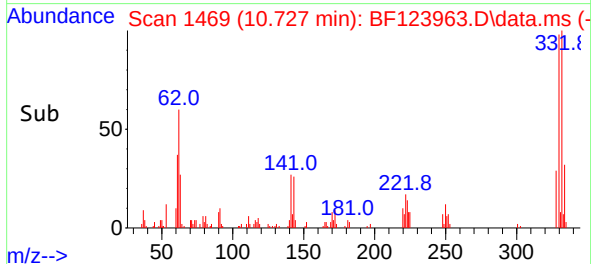


#42
2,4,6-Tribromophenol
Concen: 24.87 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

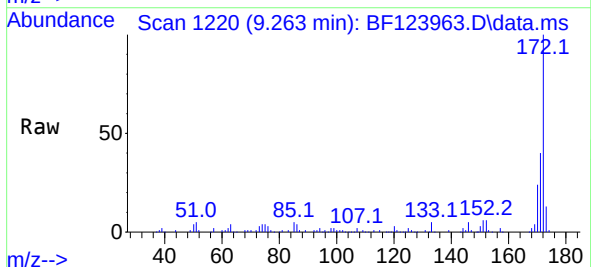
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ClientSampleId :
DUP-02-05122021DL



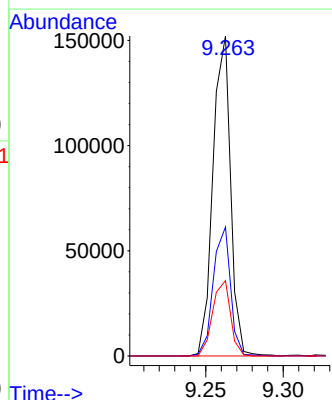
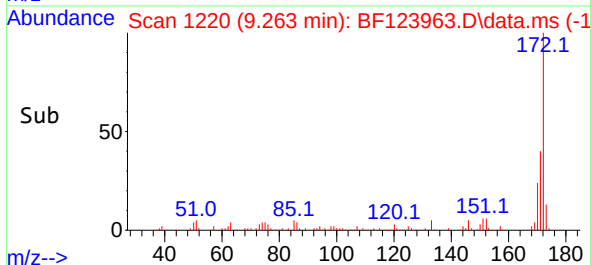
Tgt Ion: 330 Resp: 27080
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 36.8 27.9 41.9

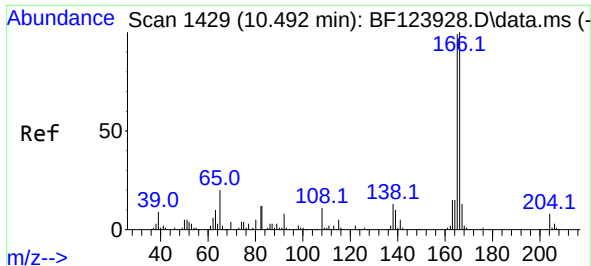


#45
2-Fluorobiphenyl
Concen: 16.35 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03



Tgt Ion: 172 Resp: 120483
Ion Ratio Lower Upper
172 100
171 40.3 28.1 42.1
170 23.5 19.2 28.8

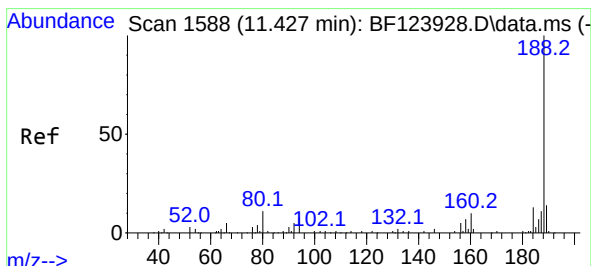
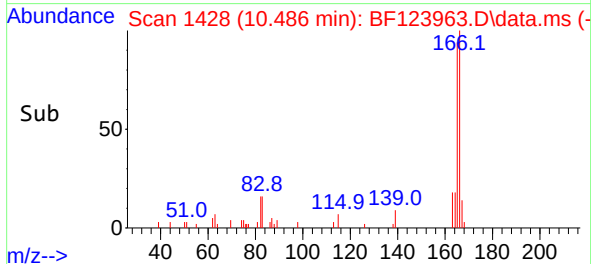
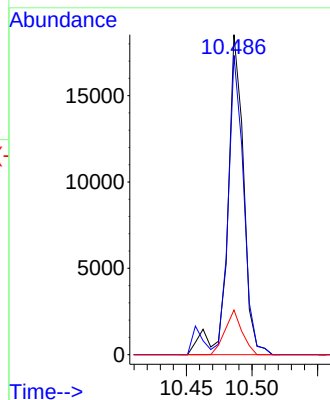
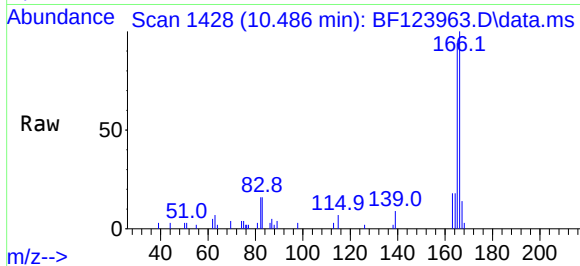




#58
Fluorene
Concen: 2.24 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

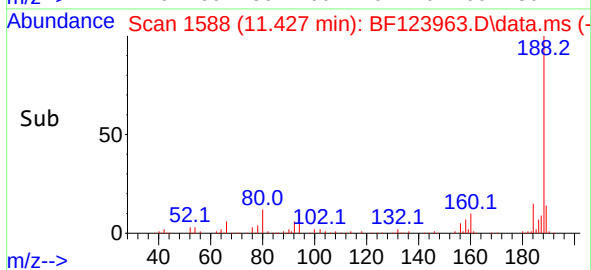
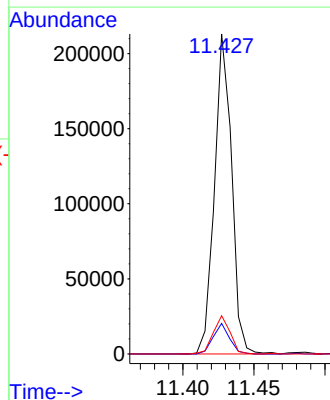
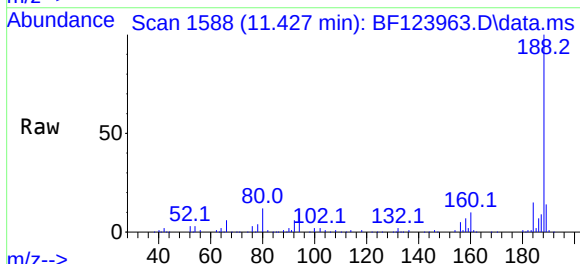
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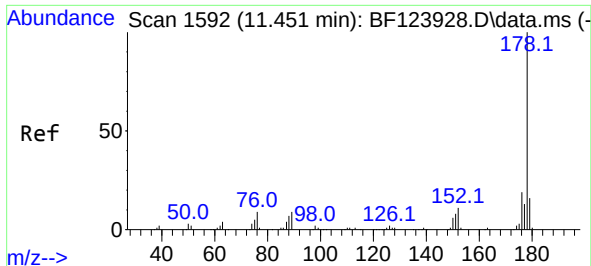
Tgt Ion:166	Resp:	15569
Ion Ratio	Lower	Upper
166	100	
165	93.6	73.5 110.3
167	14.0	10.7 16.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion:188	Resp:	178466
Ion Ratio	Lower	Upper
188	100	
94	9.6	6.9 10.3
80	12.0	8.2 12.2

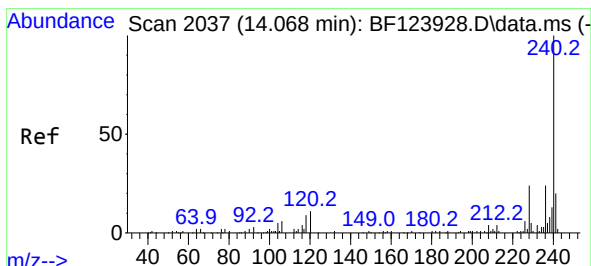
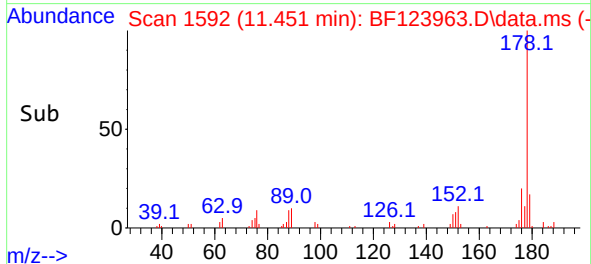
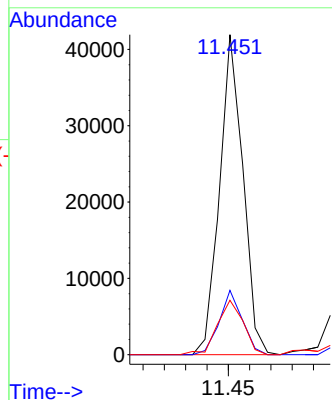
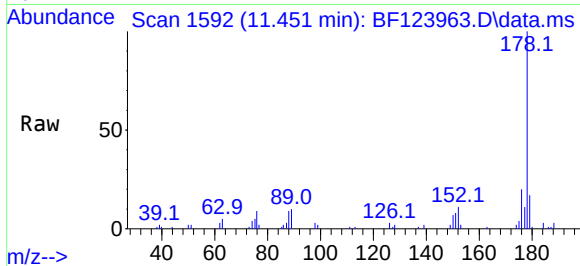




#71
Phenanthrene
Concen: 2.82 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

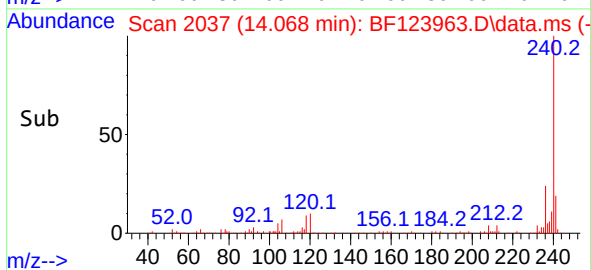
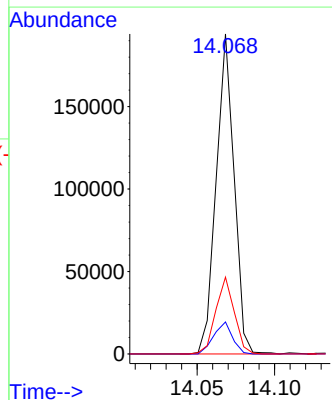
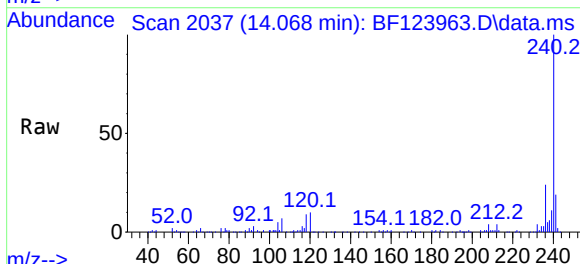
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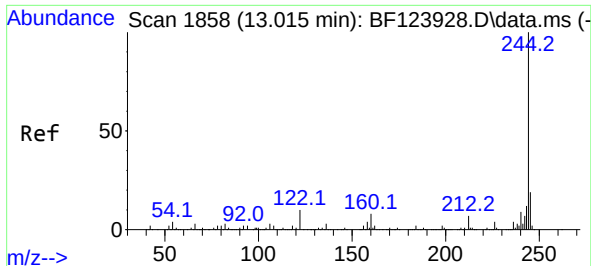
Tgt Ion:178	Resp:	31949
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.6 23.4
179	17.0	12.5 18.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion:240	Resp:	156125
Ion Ratio	Lower	Upper
240	100	
120	10.0	7.2 10.8
236	24.0	19.0 28.4

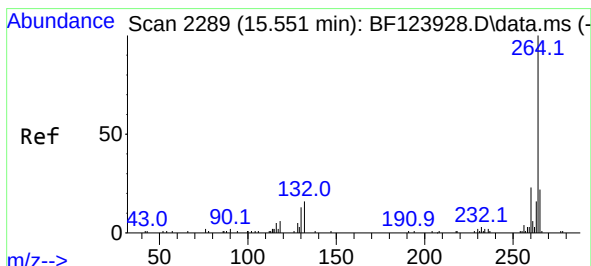
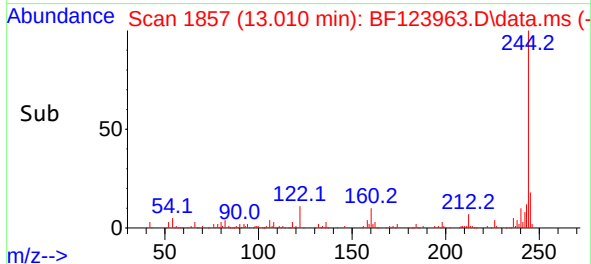
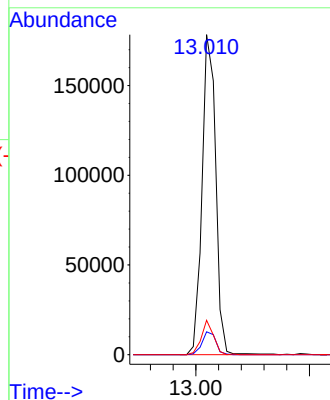
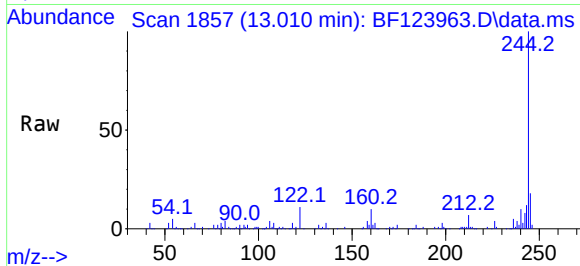




#79
Terphenyl-d14
Concen: 14.46 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Instrument :
BNA_F
ClientSampleId :
DUP-02-05122021DL

Tgt Ion:	244	Resp:	149044
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.7	8.5
122	10.8	9.7	14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123963.D
Acq: 17 May 2021 15:03

Tgt Ion:	264	Resp:	135161
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.7	28.1
265	19.5	17.8	26.8

