

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111094.D
 Acq On : 29 Nov 2018 16:58
 Operator : JU/SJ
 Sample : J6125-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-028-B

Manual Integrations
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 11/30/2018 3:49:34 PM

Quant Time: Nov 29 17:39:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	63215	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	263260	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	124523	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	212421	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138220	20.00	ng	0.00
87) Perylene-d12	15.66	264	135682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	380554	99.83	ng	0.00
7) Phenol-d6	6.56	99	487733	98.18	ng	0.00
23) Nitrobenzene-d5	7.50	82	305255	66.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	105633	85.42	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	569297	66.24	ng	0.00
79) Terphenyl-d14	13.04	244	400243	56.37	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	36268	6.483	ng	Qvalue # 75
50) Dimethylphthalate	9.69	163	63995	7.007	ng	98
71) Phenanthrene	11.50	178	24886	2.212	ng	98
75) Fluoranthene	12.69	202	42365	3.664	ng	97
78) Pyrene	12.93	202	35659	3.532	ng	98
81) Benzo(a)anthracene	14.12	228	18207m	2.231	ng	
83) Chrysene	14.15	228	17508	2.179	ng	95
88) Benzo(b)fluoranthene	15.21	252	20618m	2.587	ng	
90) Benzo(a)pyrene	15.60	252	15305	2.063	ng	# 90

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

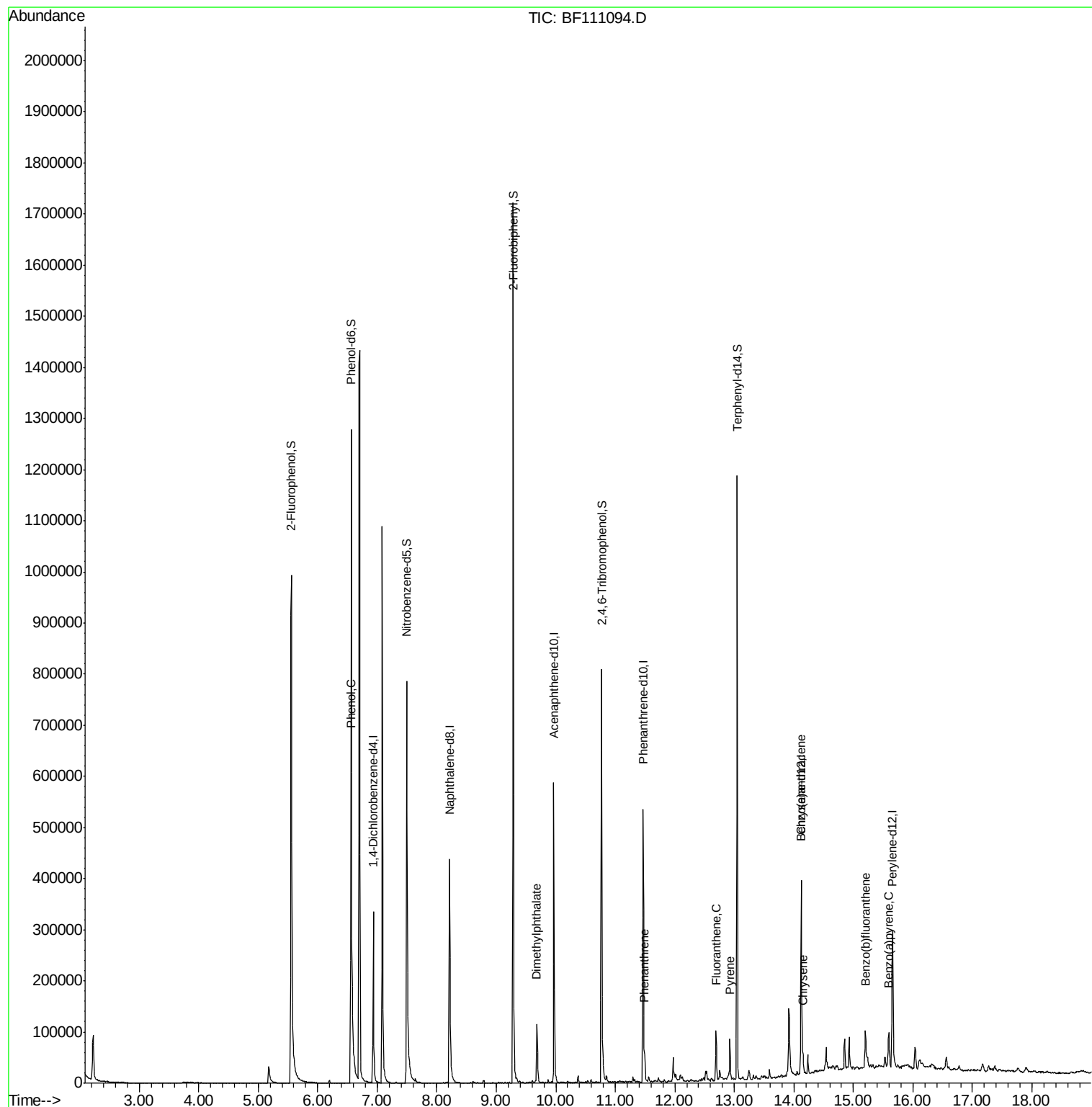
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111094.D
Acq On : 29 Nov 2018 16:58
Operator : JU/SJ
Sample : J6125-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

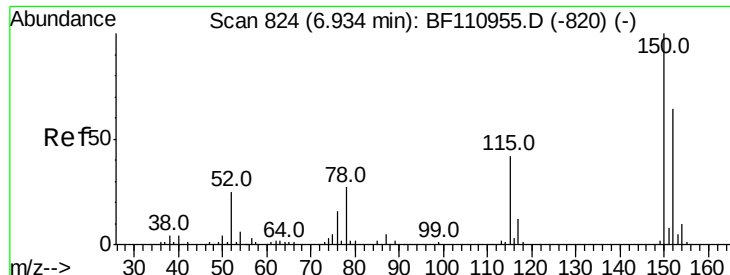
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

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Quant Time: Nov 29 17:39:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration





#1

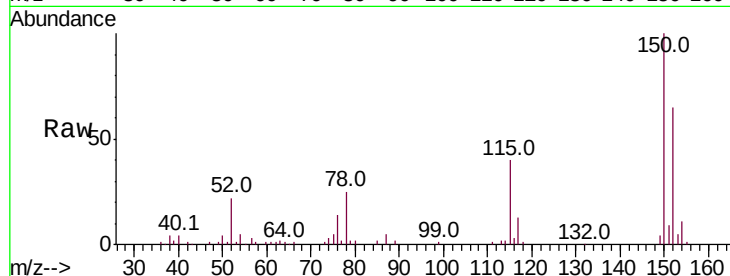
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	61.6	49.1	73.7

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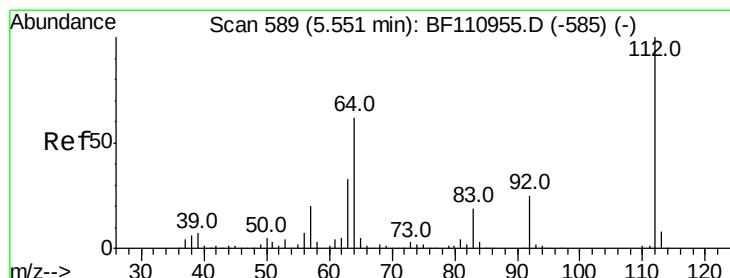
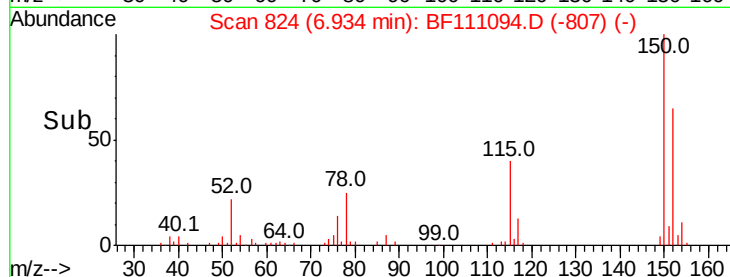
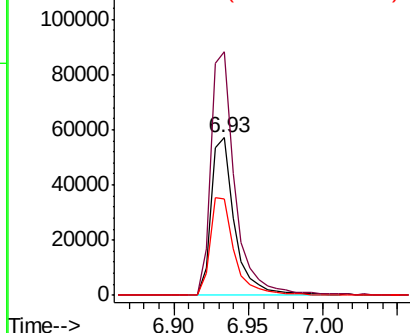


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

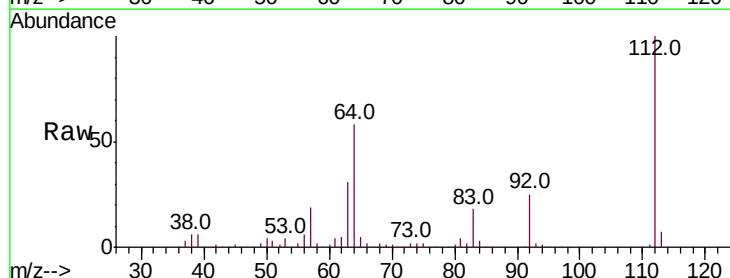
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.831 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	31.1	23.7	35.5

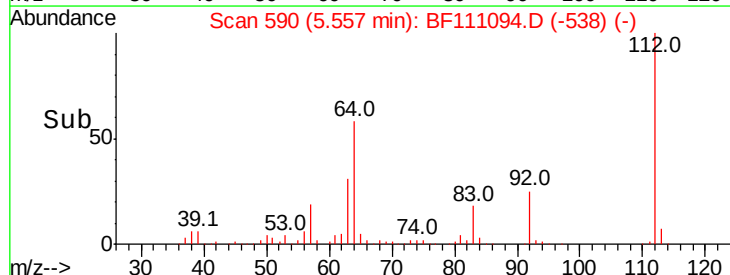
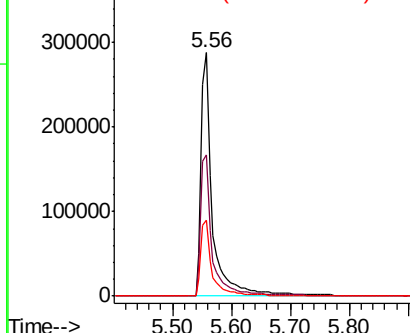


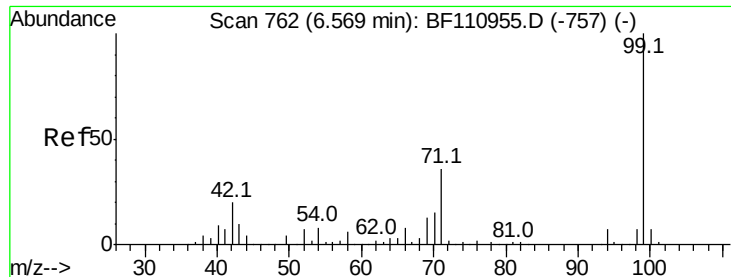
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.181 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Instrument :

BNA_F

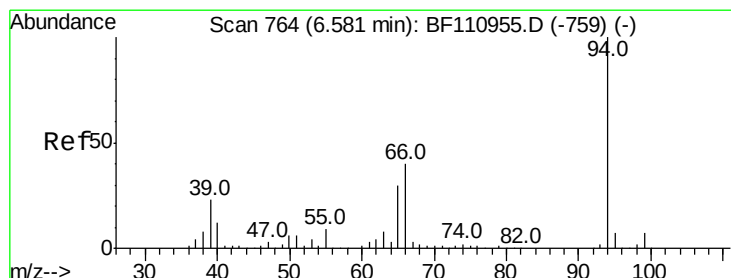
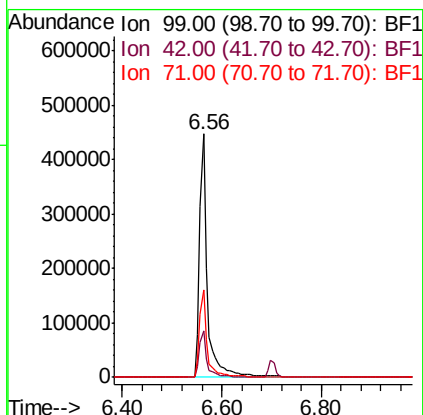
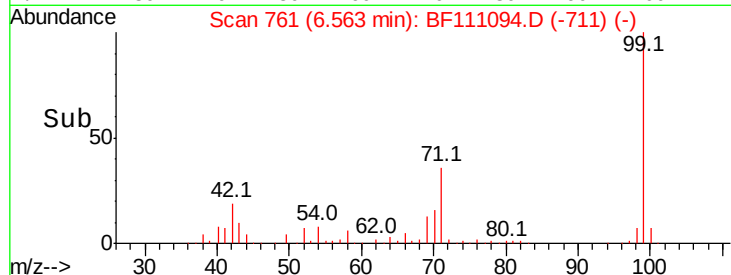
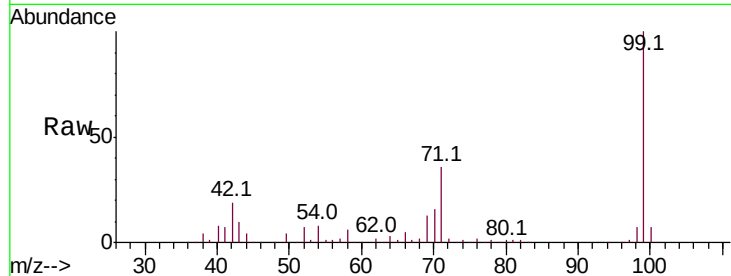
ClientSampleId :

FK-GF-02-028-B

Tot Ion:	99	Resp:	487733
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.8	28.0	42.0

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#10

Phenol

Concen: 6.483 ng

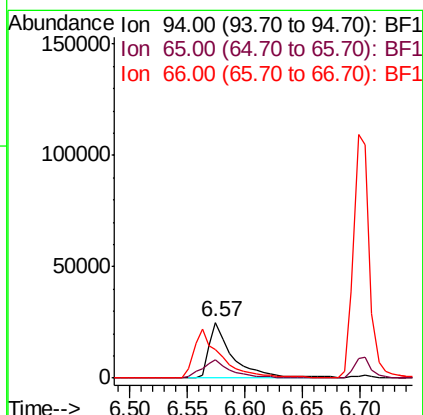
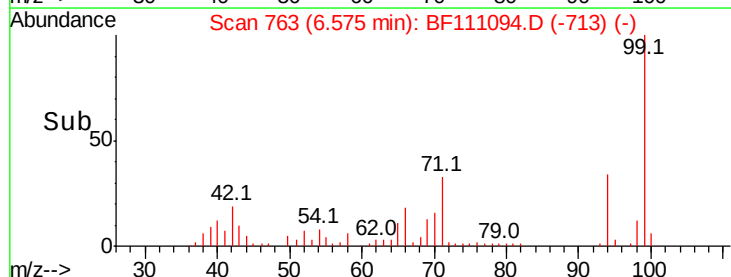
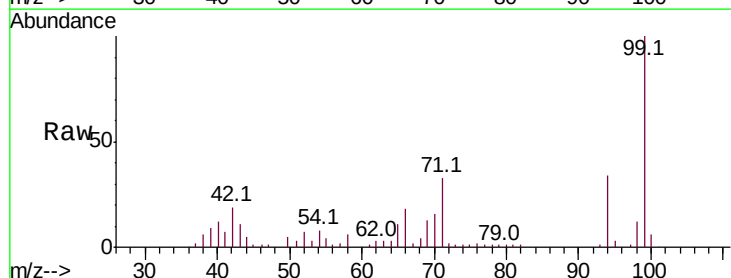
RT: 6.57 min Scan# 763

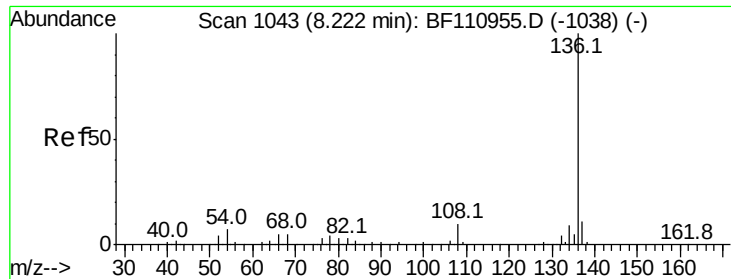
Delta R.T. -0.01 min

Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Tgt Ion:	94	Resp:	36268
Ion	Ratio	Lower	Upper
94	100		
65	32.1	25.3	65.3
66	51.3	54.5	94.5#





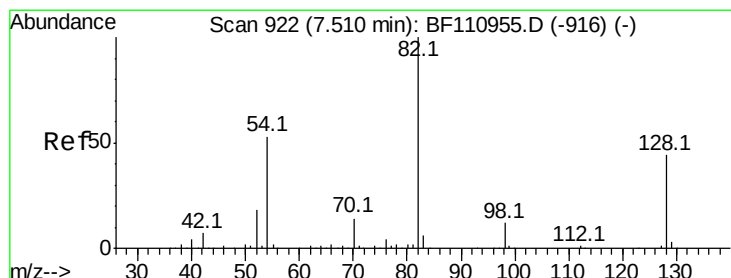
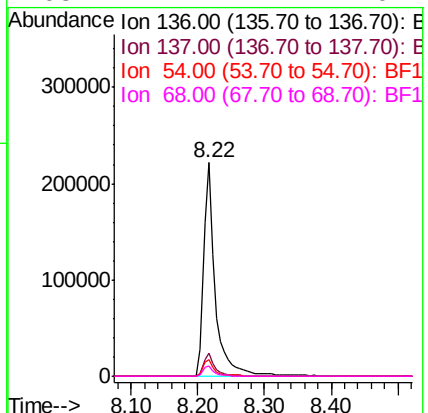
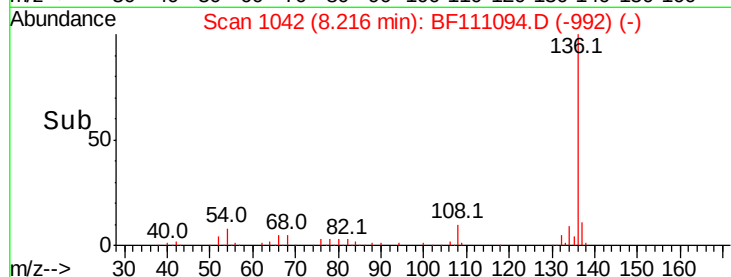
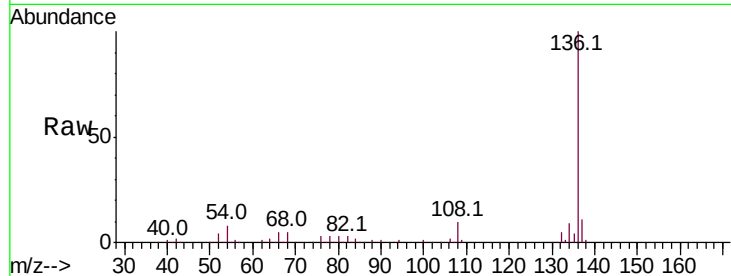
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.8	5.4	8.2	
68	4.7	4.2	6.2	

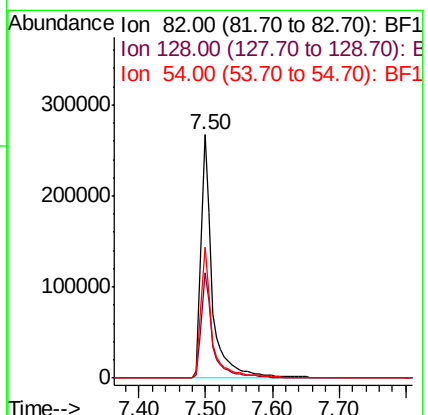
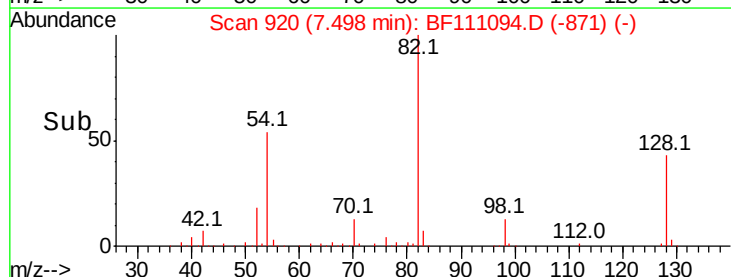
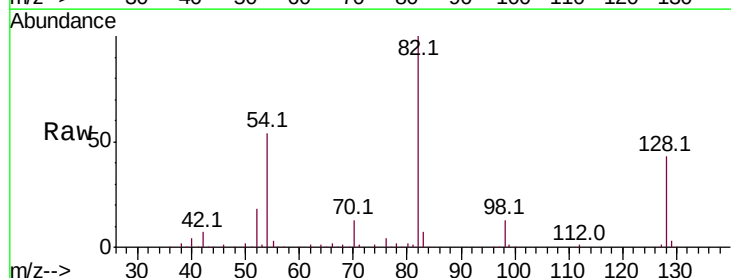
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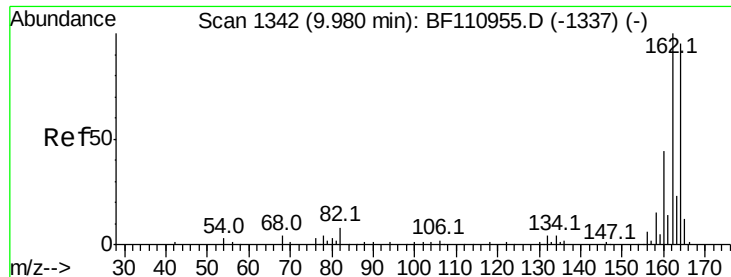
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#23
Nitrobenzene-d5
Concen: 66.360 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	34.2	51.2	
54	53.7	38.6	58.0	





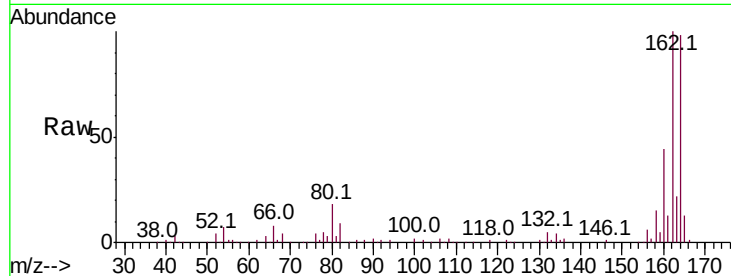
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.6
160	45.2	37.0	55.6

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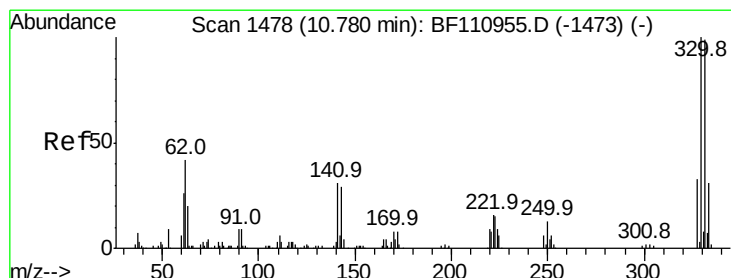
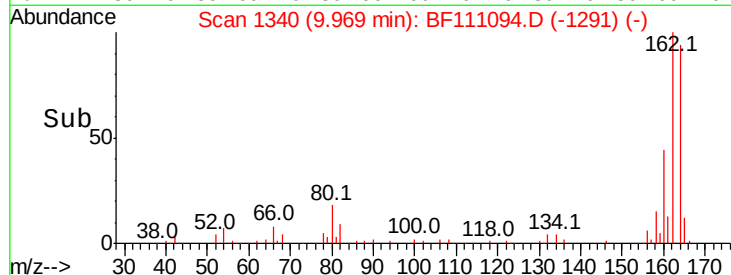
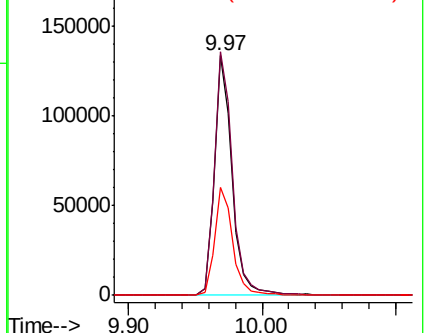


Abundance

Ion 164.00 (163.70 to 164.70): E

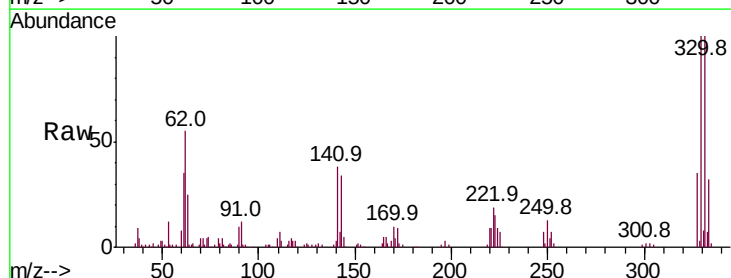
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 85.416 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	39.2	27.0	40.4

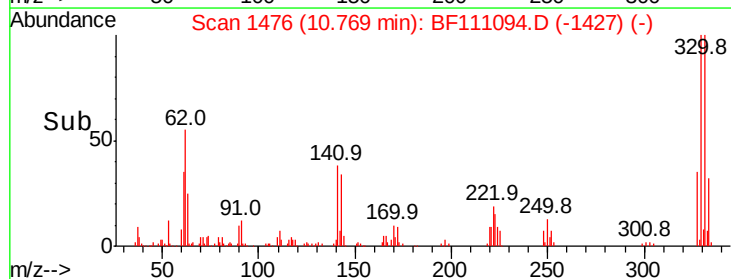
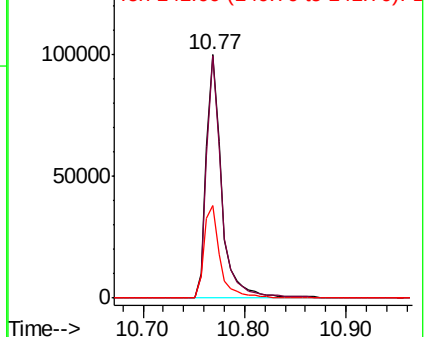


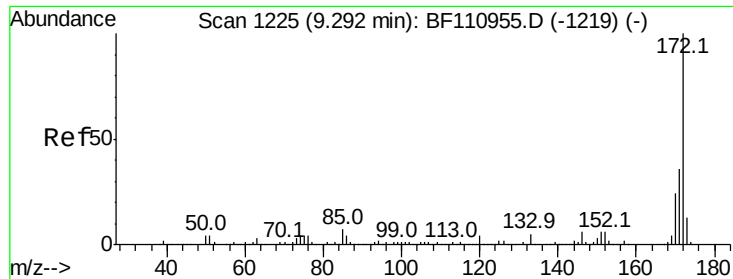
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





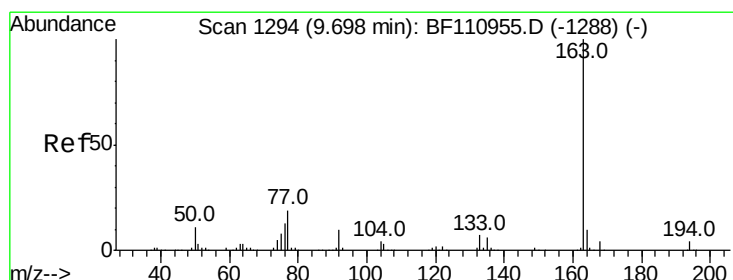
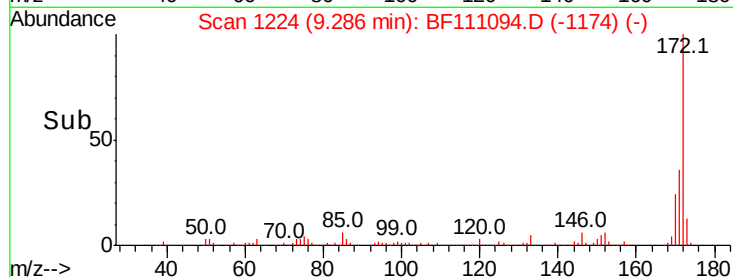
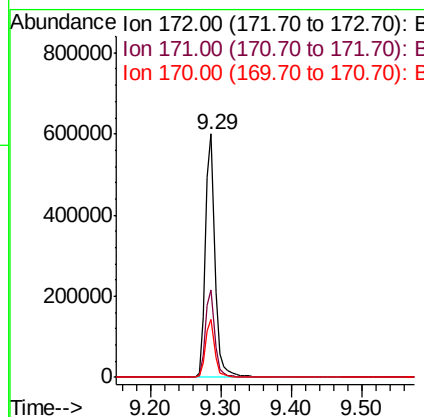
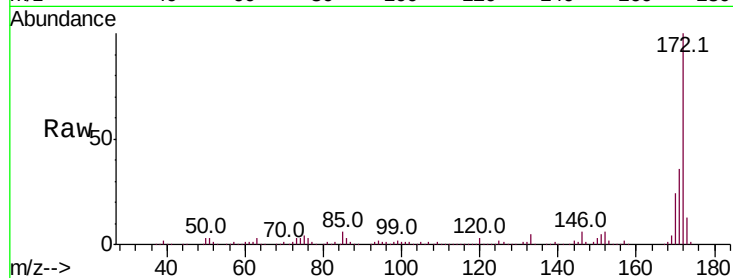
#45
2-Fluorobiphenyl
Concen: 66.235 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	569297		
171	36.0		28.6	43.0
170	23.8		19.7	29.5

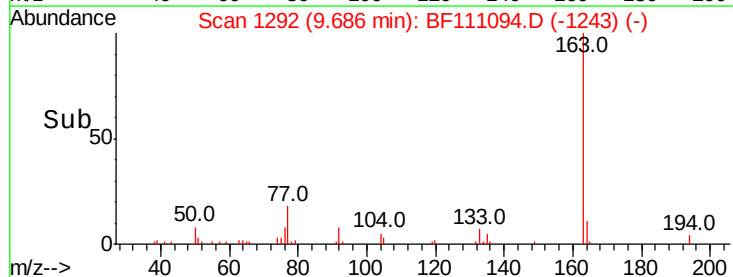
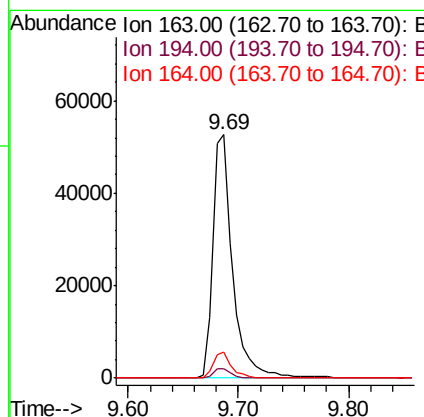
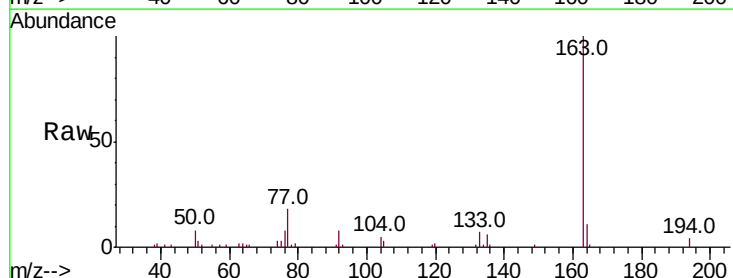
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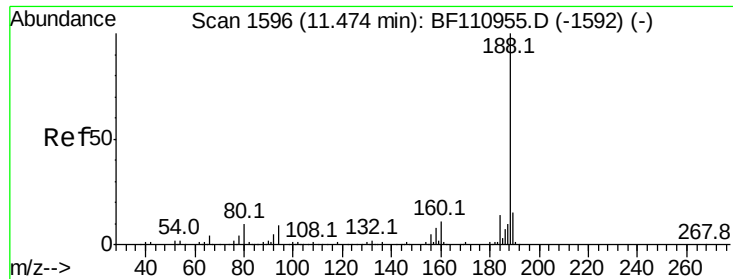
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#50
Dimethylphthalate
Concen: 7.007 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	63995		
194	3.8		3.2	4.8
164	10.9		8.1	12.1





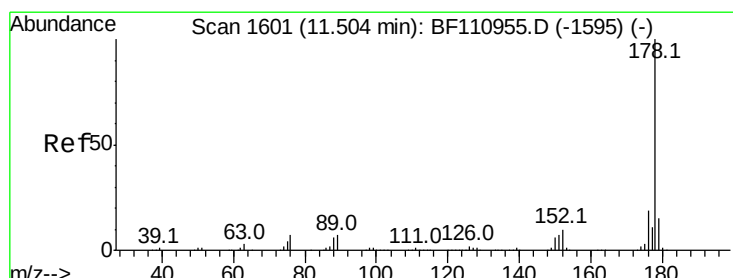
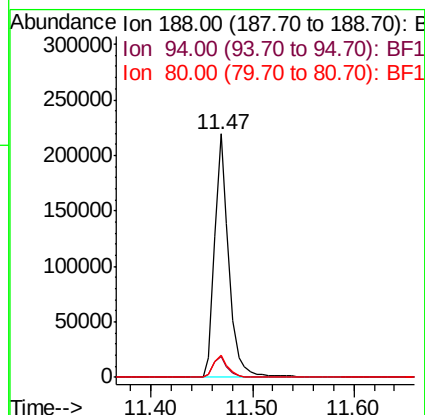
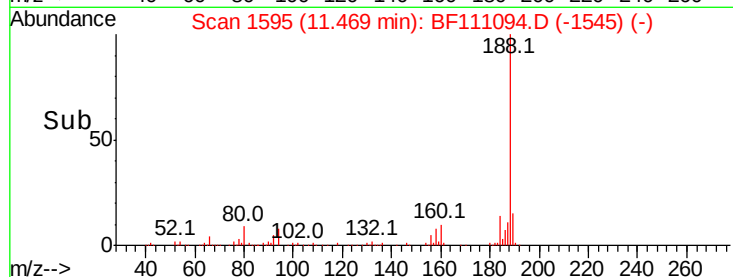
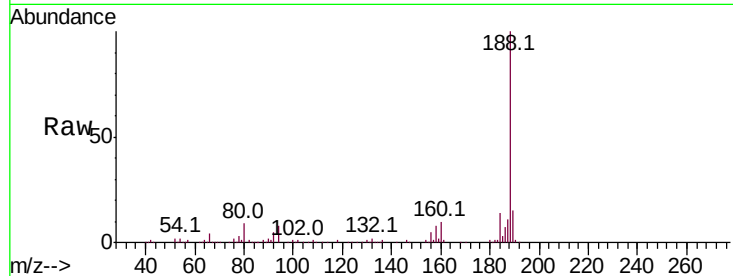
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion:	188	Resp:	212421
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	9.1	7.9	11.9

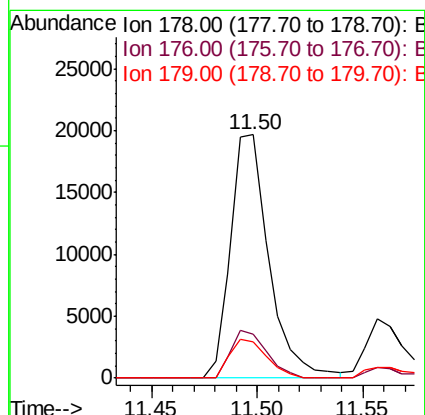
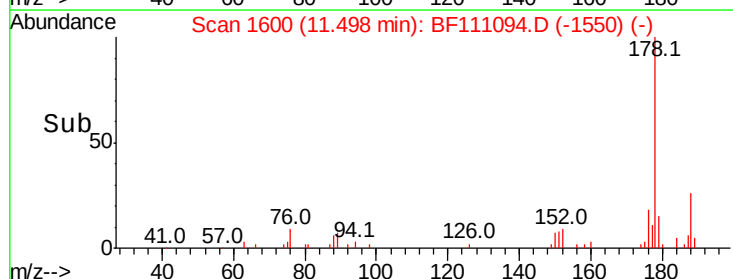
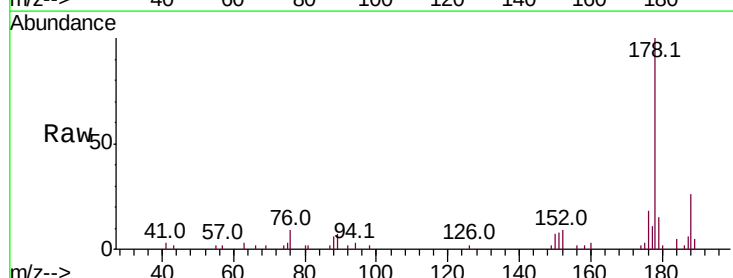
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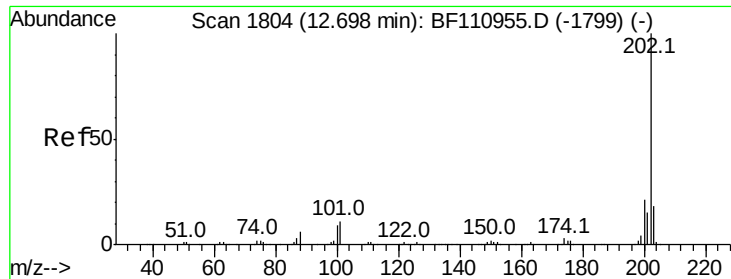
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#71
Phenanthrene
Concen: 2.212 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion:	178	Resp:	24886
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.5	23.3
179	15.1	12.5	18.7





#75

Fluoranthene

Concen: 3.664 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Instrument :

BNA_F

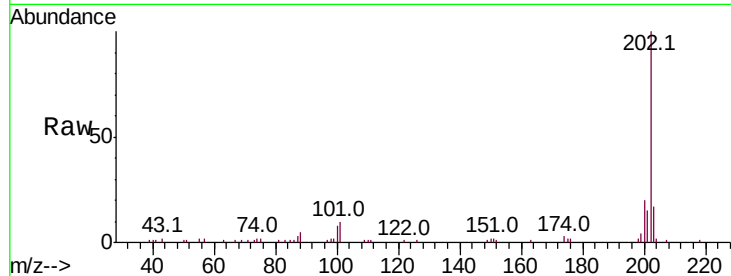
ClientSampleId :

FK-GF-02-028-B

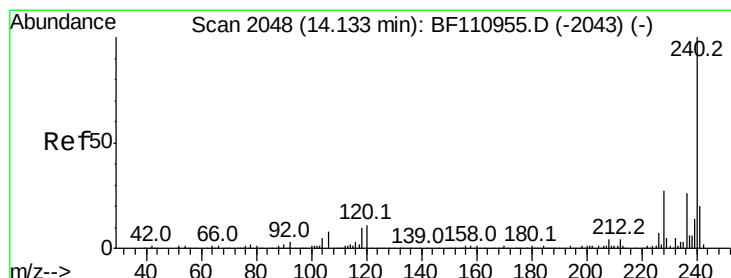
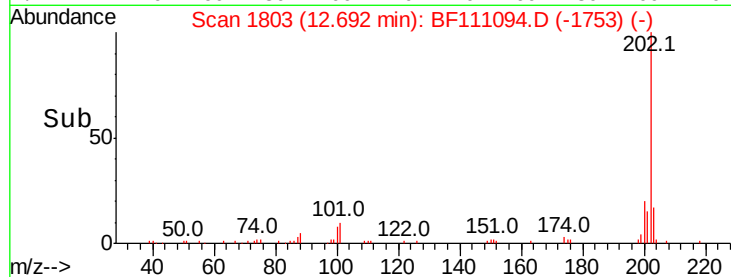
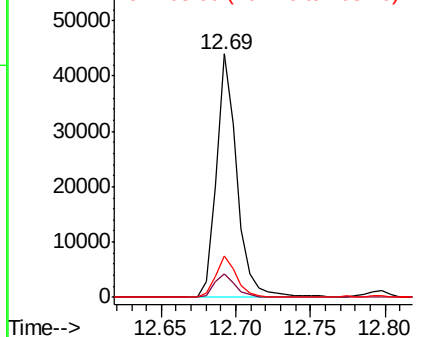
Tot Ion:	202	Resp:	42365
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	31.4
203	17.1	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

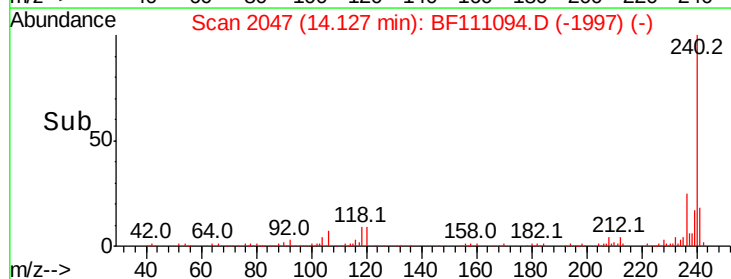
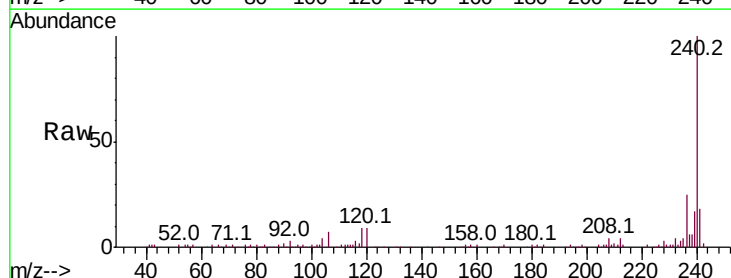
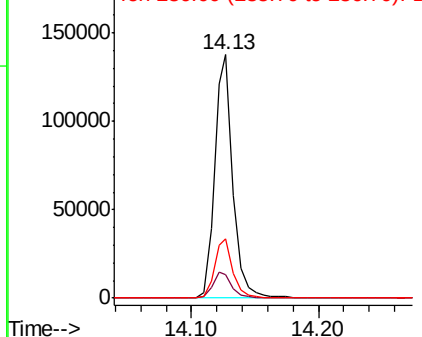
Delta R.T. -0.01 min

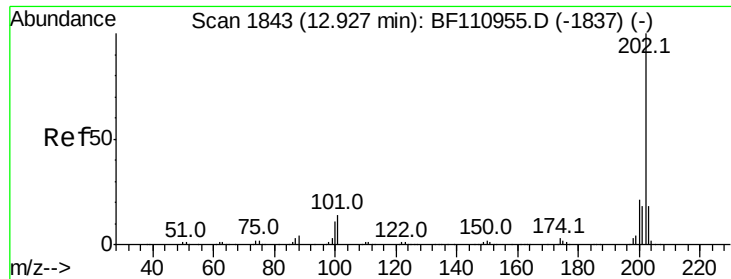
Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Tgt Ion:	240	Resp:	138220
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.3	12.5
236	24.6	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





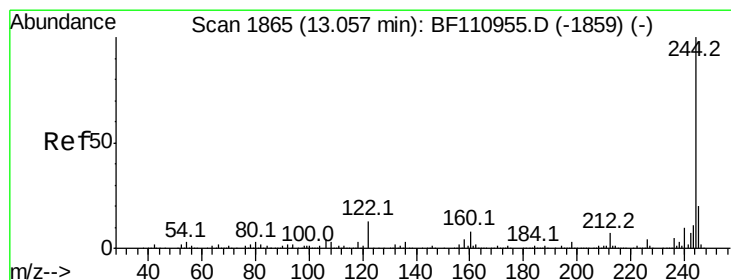
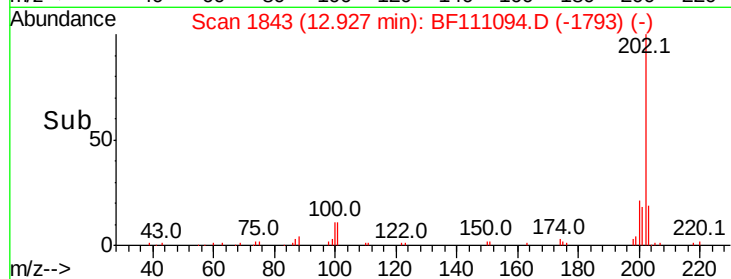
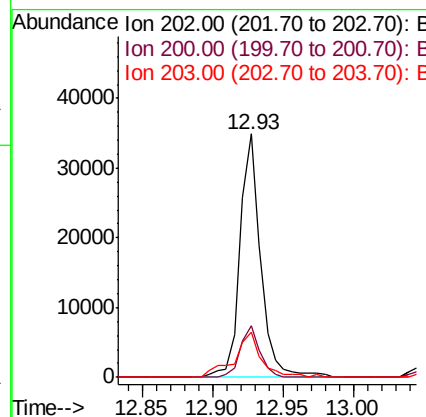
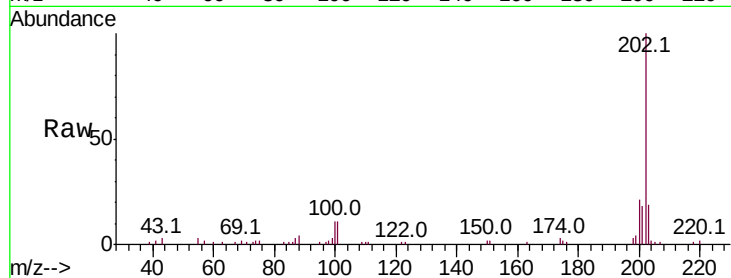
#78
Pvrene
Concen: 3.532 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.8	14.2	21.4

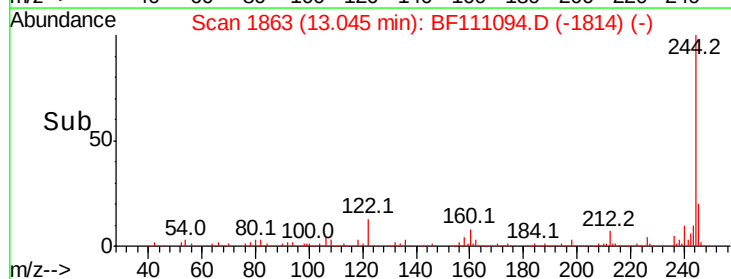
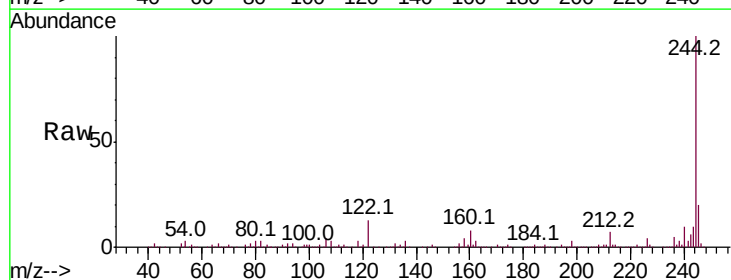
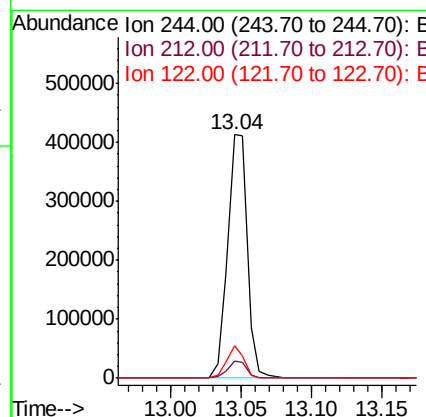
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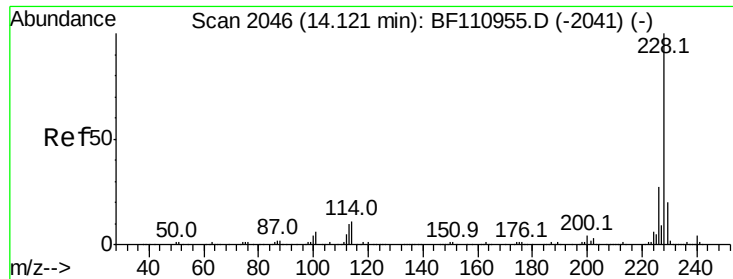
mohammad
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#79
Terphenyl-d14
Concen: 56.369 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.1	8.7	13.1#





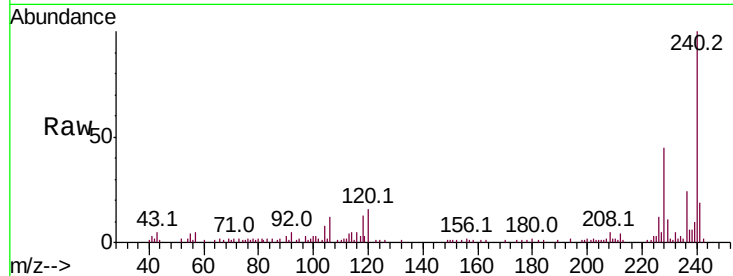
#81
Benzo(a)anthracene
Concen: 2.231 ng m
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	24.2	15.6	23.4

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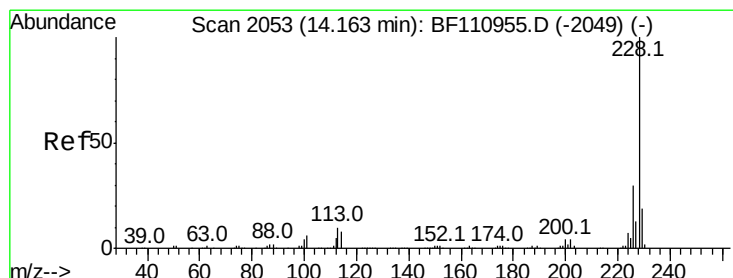
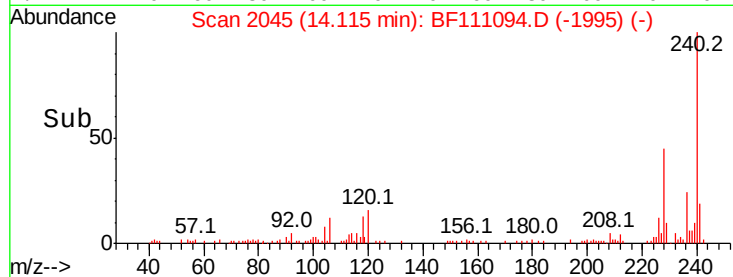
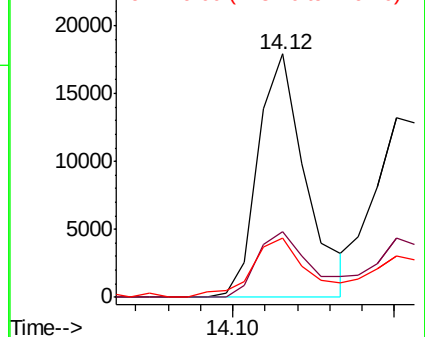


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.179 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111094.D
Acq: 29 Nov 2018 16:58

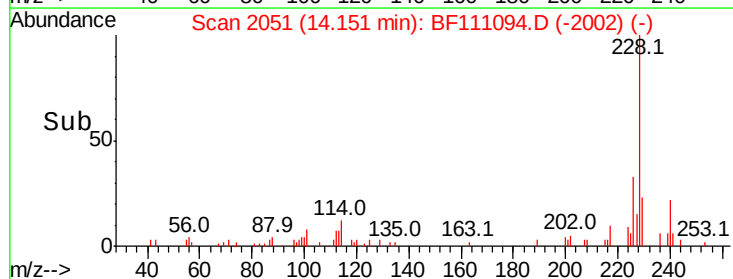
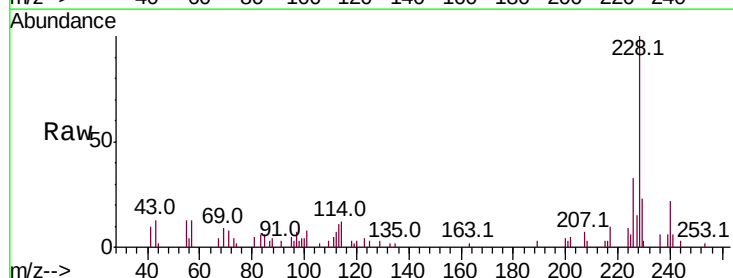
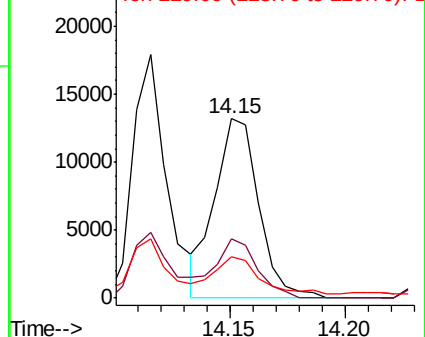
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.7	37.1
229	23.3	15.9	23.9

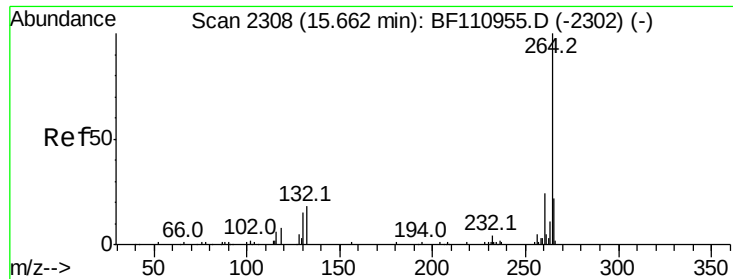
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Instrument :

BNA_F

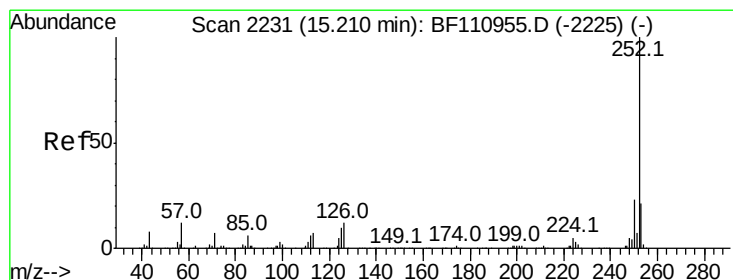
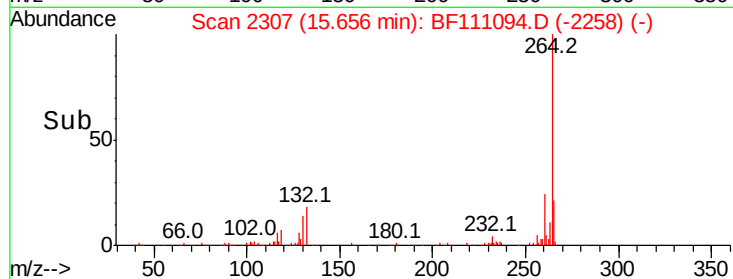
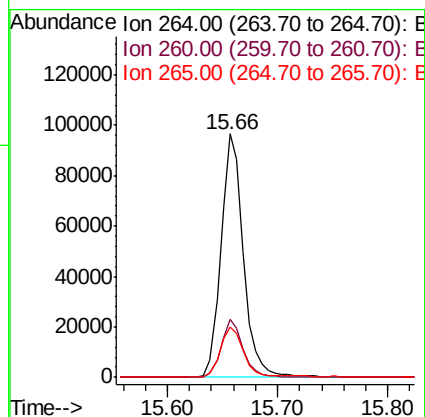
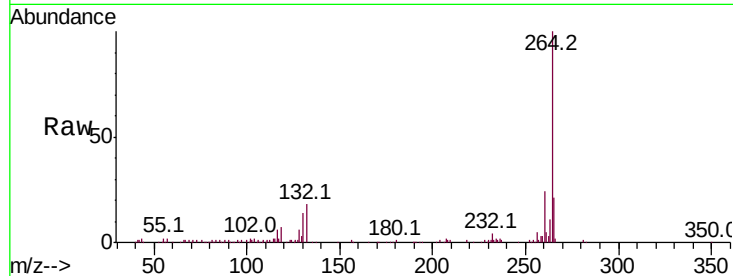
ClientSampleId :

FK-GF-02-028-B

Tot Ion:	264	Resp:	135682
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	20.6	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 2.587 ng m

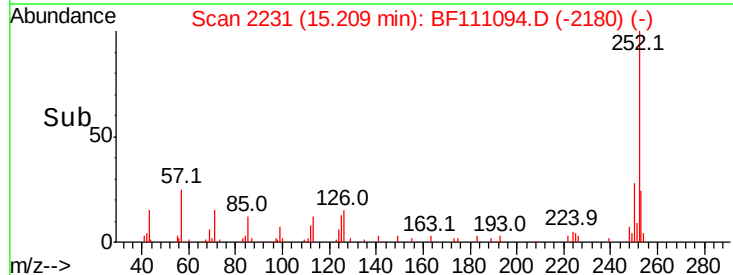
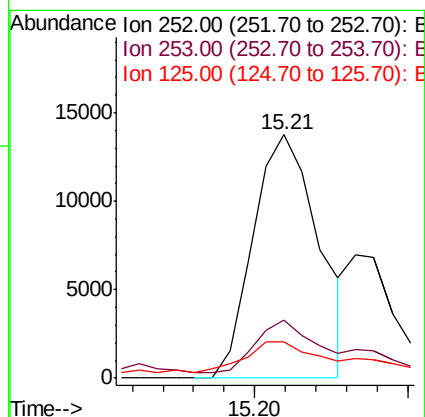
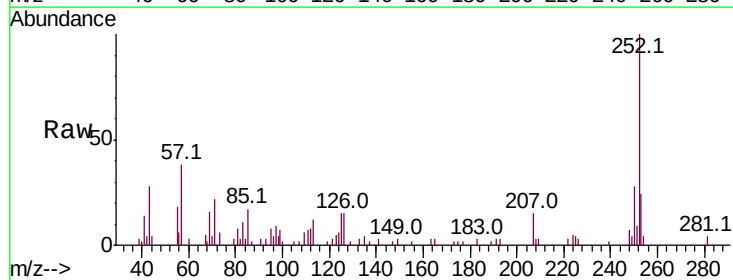
RT: 15.21 min Scan# 2231

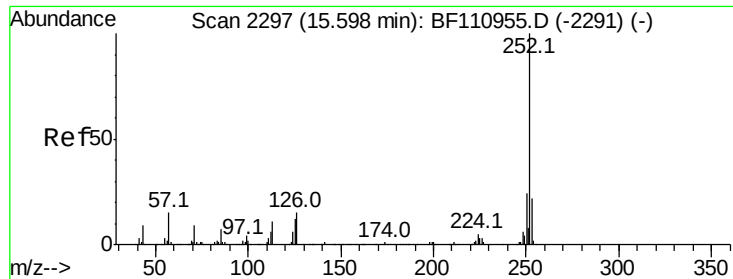
Delta R.T. -0.00 min

Lab File: BF111094.D

Acq: 29 Nov 2018 16:58

Tgt Ion:	252	Resp:	20618
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	15.1	8.2	12.4#





#90
 Benzo(a)pyrene
 Concen: 2.063 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BF111094.D
 Acq: 29 Nov 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-028-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.4
125	17.1	9.0	13.6

Manual Integrations
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