

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095590.D
 Acq On : 1 Jun 2017 7:01
 Operator : SJ/MA
 Sample : I3388-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B29-B35-002

Manual Integrations
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Quant Time: Jun 01 08:18:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	92444	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	299295	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	124977	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	192462	20.00	ng	0.00
75) Chrysene-d12	18.51	240	158142	20.00	ng	0.00
86) Perylene-d12	20.18	264	118342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	705196	127.18	ng	0.03
7) Phenol-d6	7.11	99	806166	121.17	ng	0.00
23) Nitrobenzene-d5	8.47	82	430453	90.69	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	136351	133.22	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	854938	98.46	ng	0.00
78) Terphenyl-d14	17.16	244	577749	80.47	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.14	107	15236	2.95	ng	89
20) 3+4-Methylphenols	8.42	107	22029	3.14	ng	# 57
27) 2,4-Dimethylphenol	9.17	122	42166m	9.72	ng	
31) Naphthalene	9.62	128	1213157	80.65	ng	99
37) 2-Methylnaphthalene	10.74	142	115356	11.68	ng	97
51) Acenaphthene	12.46	154	28250	3.55	ng	98
57) Fluorene	13.31	166	19693	2.06	ng	# 92
70) Phenanthrene	14.85	178	26595	2.40	ng	99
72) Carbazole	15.24	167	67244	6.54	ng	# 93

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

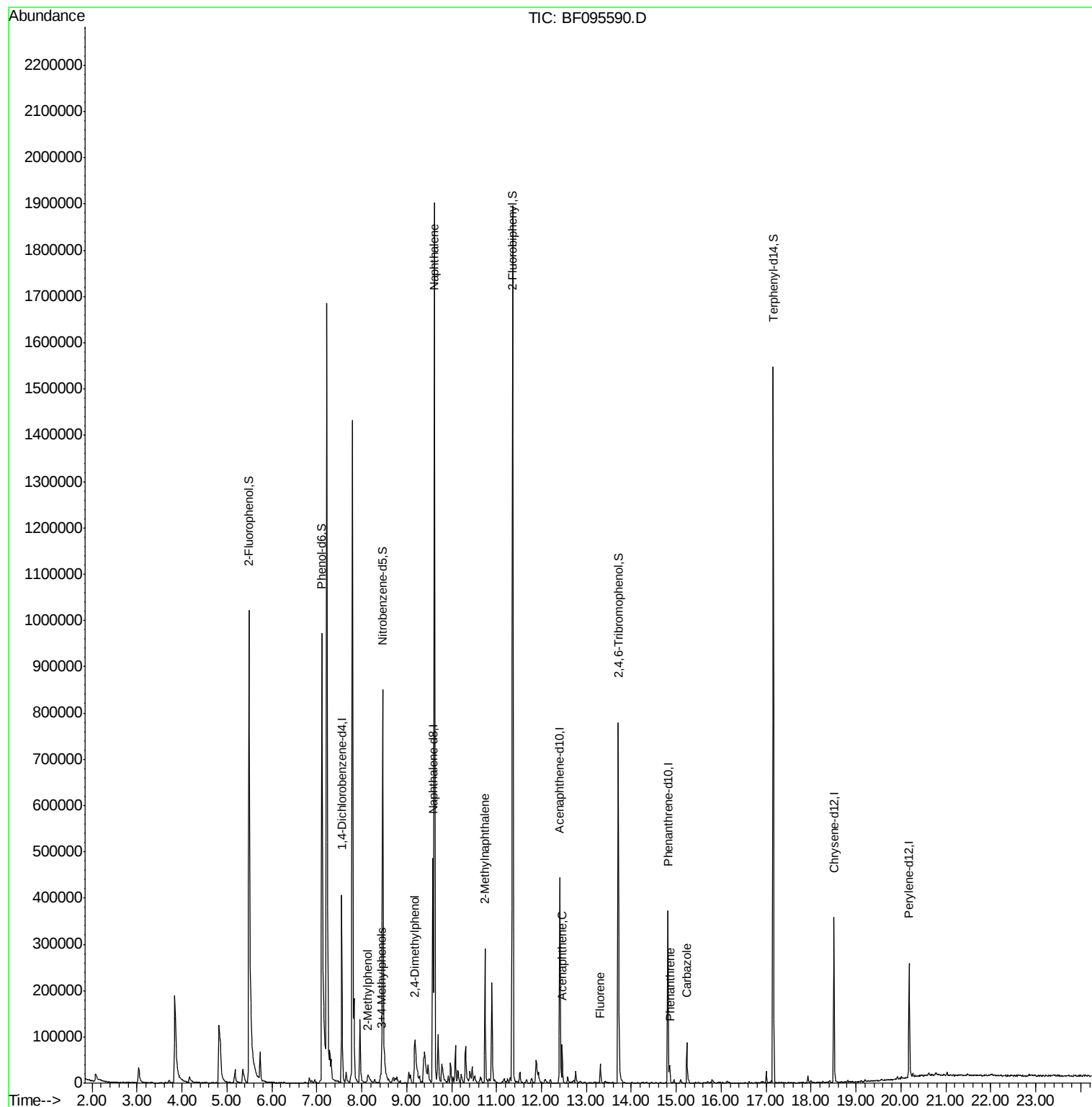
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095590.D
Acq On : 1 Jun 2017 7:01
Operator : SJ/MA
Sample : I3388-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

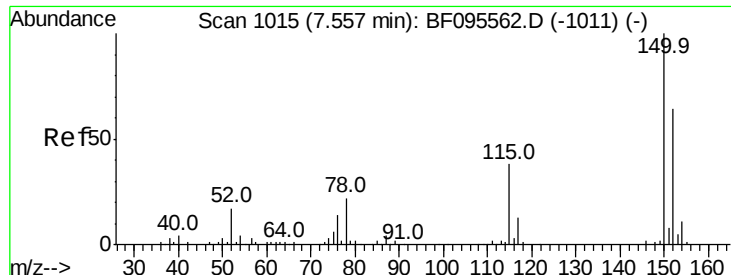
Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

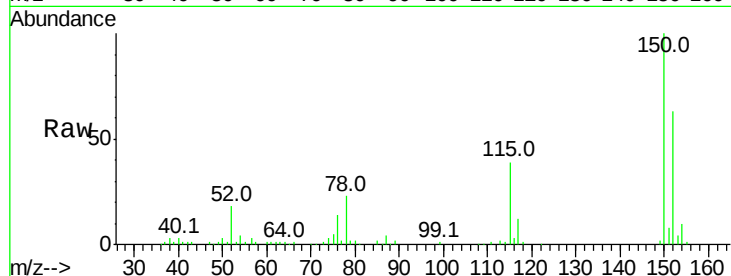
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

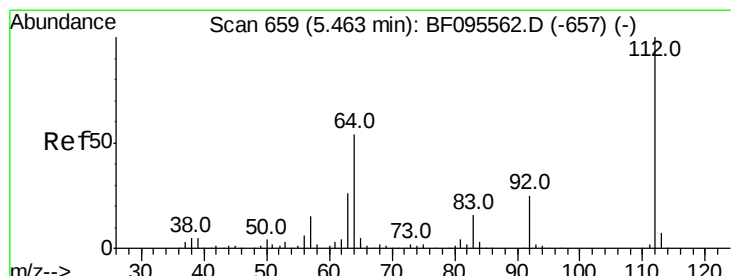
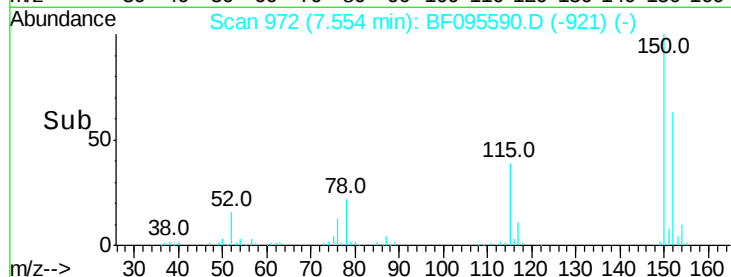
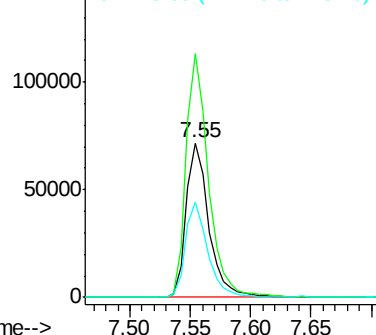
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	61.7	52.2	78.2

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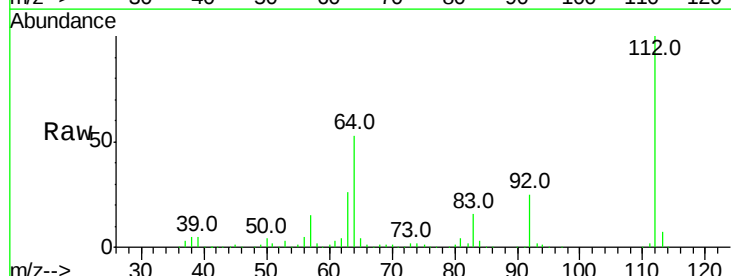
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



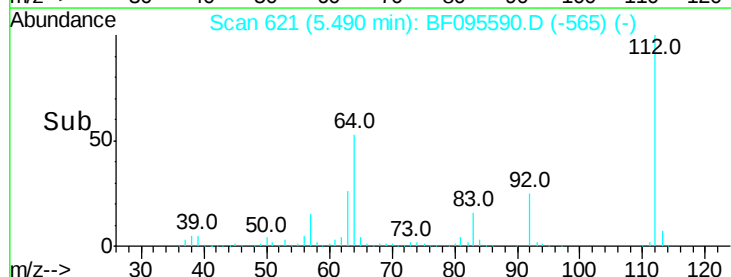
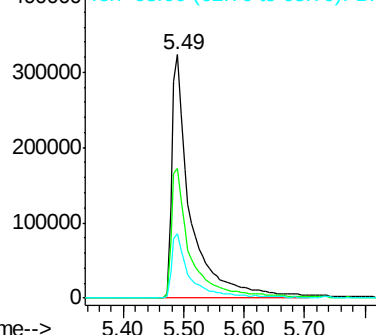
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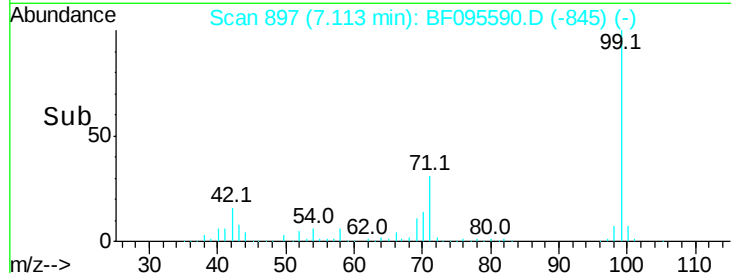
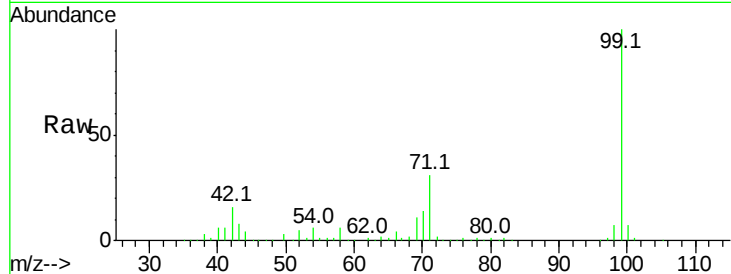
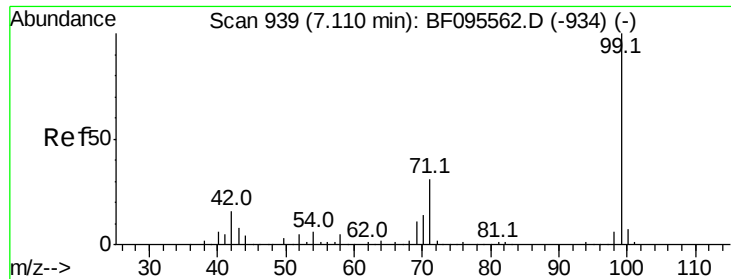
2-Fluorophenol
Concen: 127.18 ng
RT: 5.49 min Scan# 621
Delta R.T. 0.03 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.4	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.17 ng

RT: 7.11 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		806166		
42	16.4	13.5	20.3		
71	31.1	24.5	36.7		

Instrument :

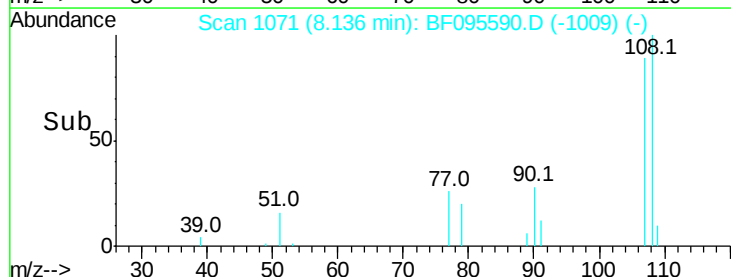
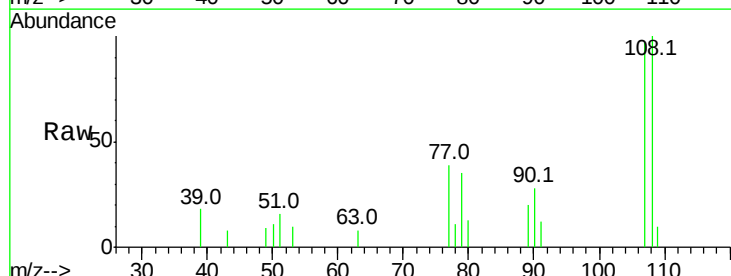
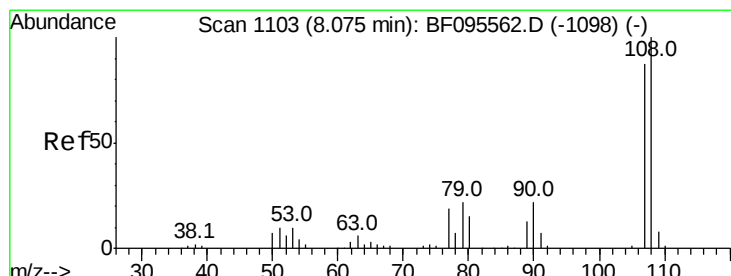
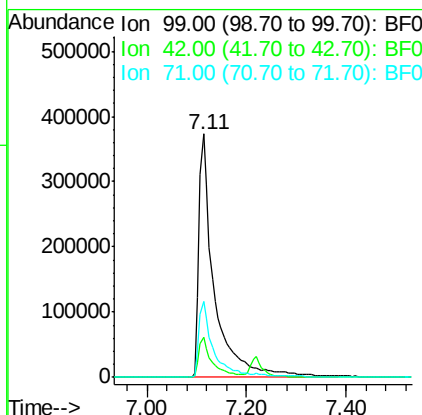
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#17

2-Methylphenol

Concen: 2.95 ng

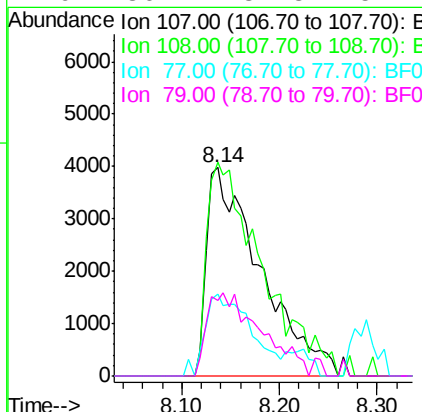
RT: 8.14 min Scan# 1071

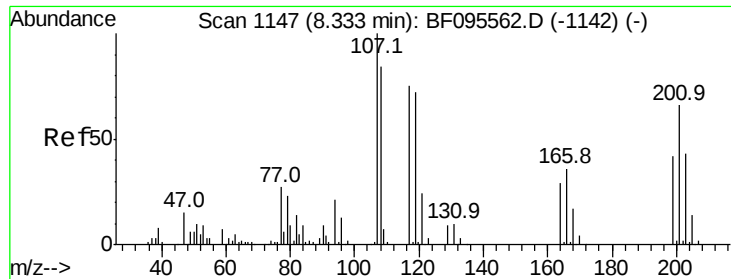
Delta R.T. 0.06 min

Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		15236		
108	102.6	93.4	140.0		
77	39.6	35.8	53.6		
79	36.2	34.8	52.2		





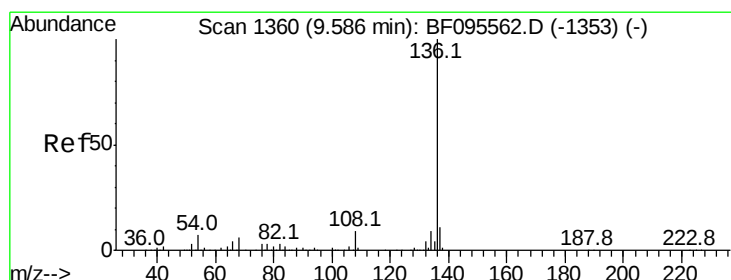
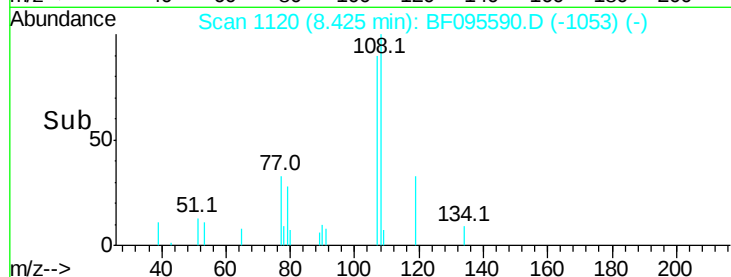
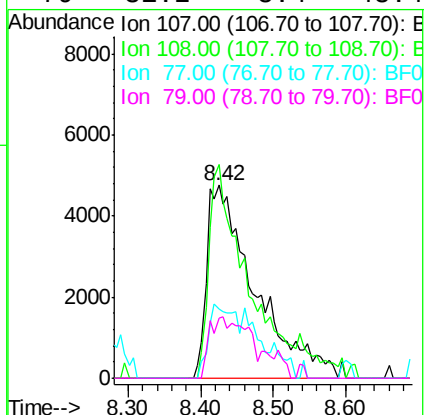
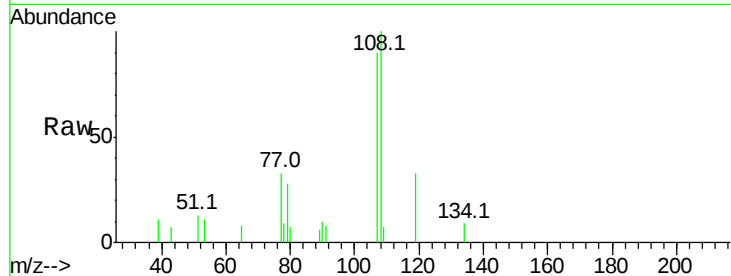
#20
3+4-Methylphenols
Concen: 3.14 ng
RT: 8.42 min Scan# 1120
Delta R.T. 0.09 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tot Ion	107	Resp	22029
Ion	Ratio	Lower	Upper
107	100		
108	110.8	71.0	111.0
77	36.1	90.5	130.5#
79	31.2	8.4	48.4

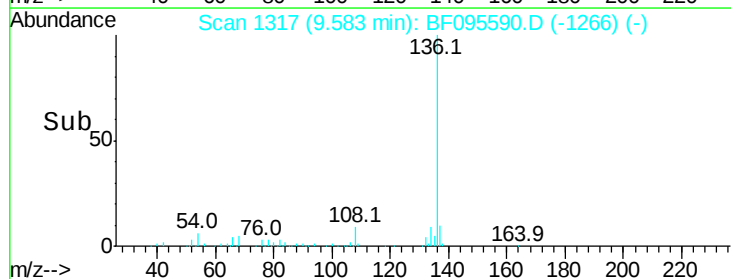
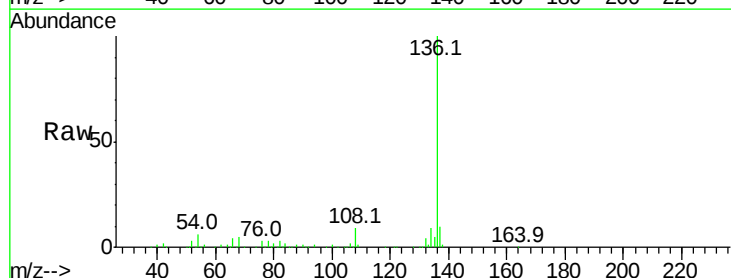
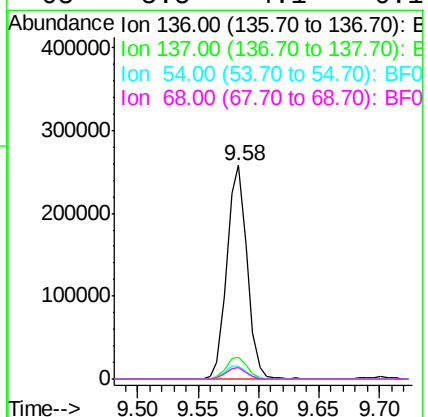
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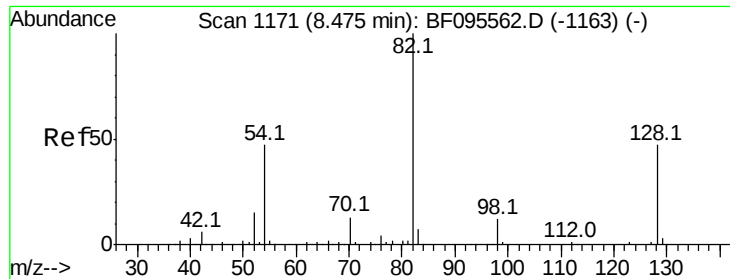
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Tgt Ion	136	Resp	299295
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.2	4.9	7.3
68	5.5	4.1	6.1





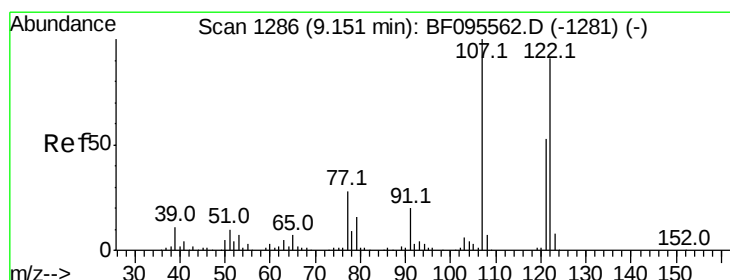
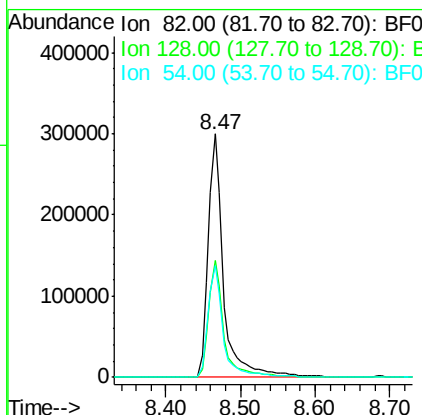
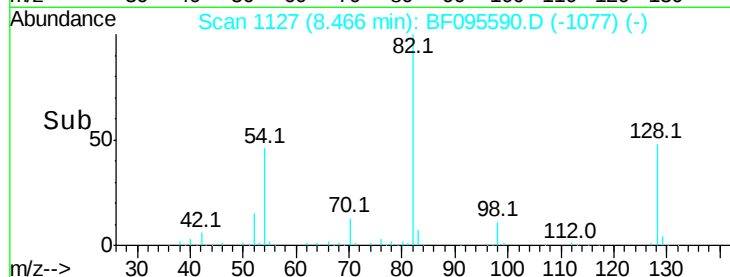
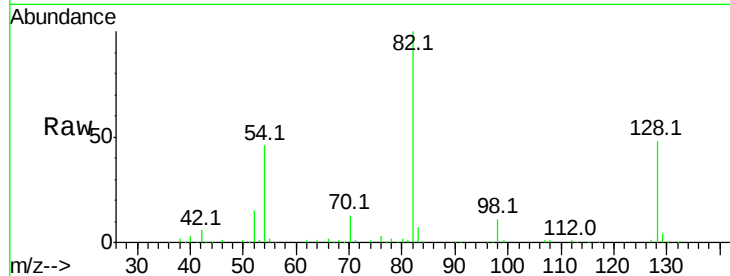
#23
Nitrobenzene-d5
Concen: 90.69 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	45.7	42.2	63.2

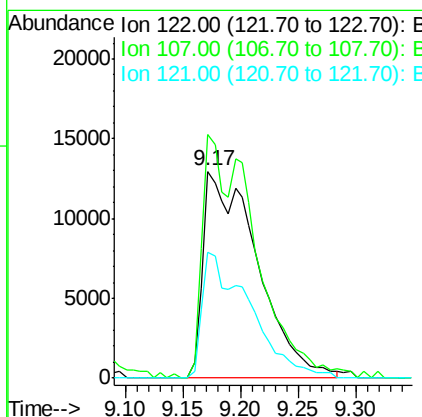
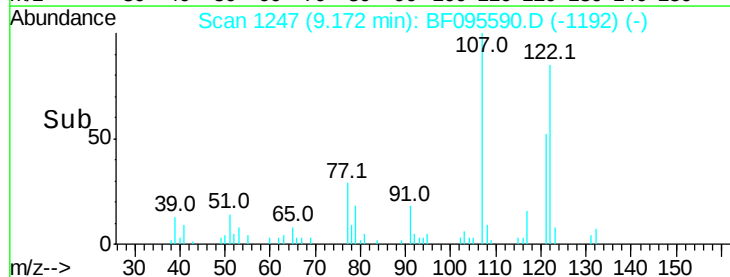
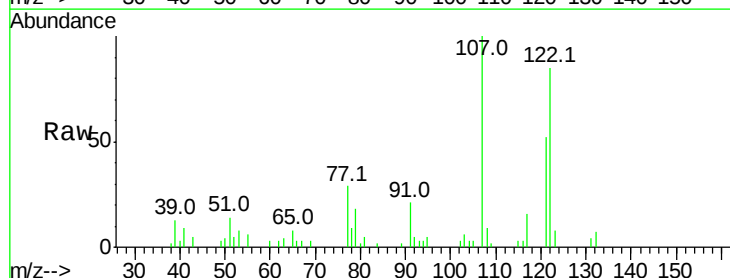
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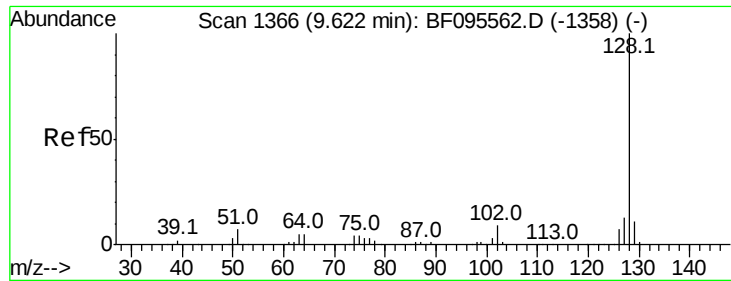
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#27
2,4-Dimethylphenol
Concen: 9.72 ng m
RT: 9.17 min Scan# 1247
Delta R.T. 0.02 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.8	89.2	133.8
121	61.1	45.2	67.8





#31

Naphthalene

Concen: 80.65 ng

RT: 9.62 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

Instrument :

BNA_F

ClientSampleId :

WC-B29-B35-002

Tot Ion:128 Resp: 1213157

Ion Ratio Lower Upper

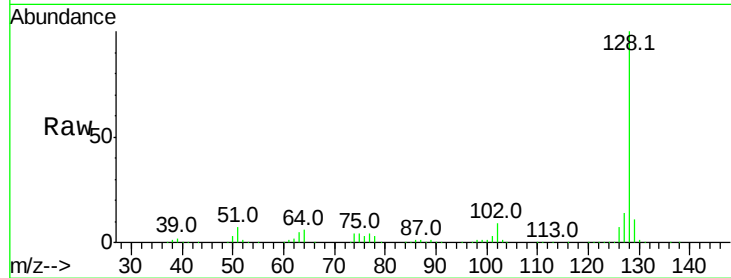
128 100

129 11.0 9.0 13.6

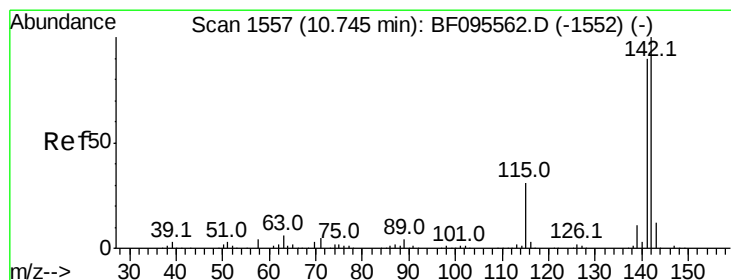
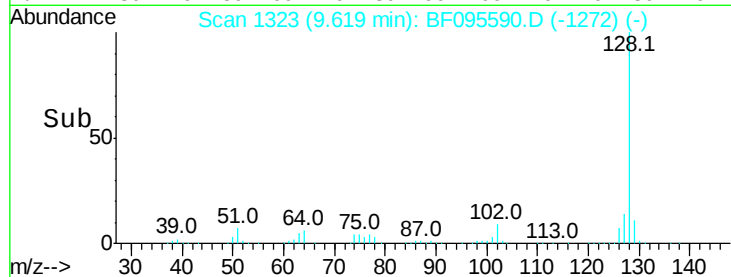
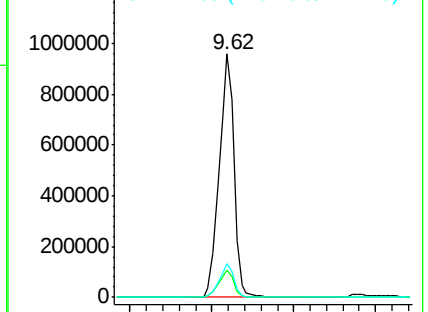
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 11.68 ng

RT: 10.74 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

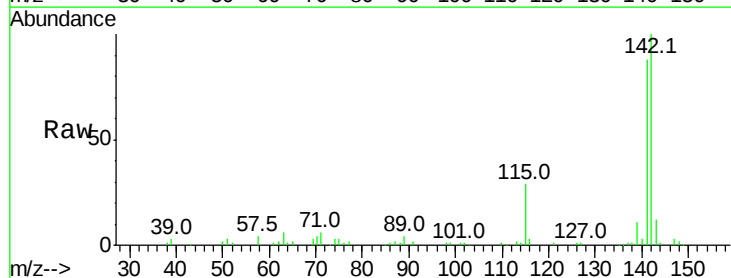
Tgt Ion:142 Resp: 115356

Ion Ratio Lower Upper

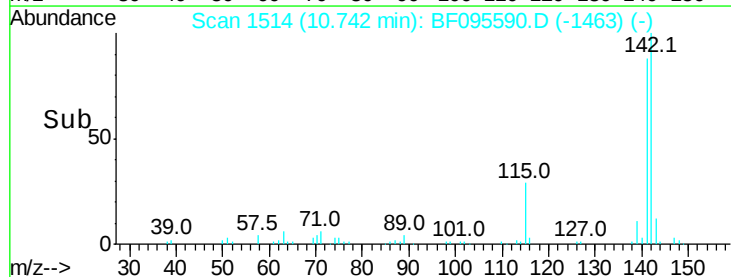
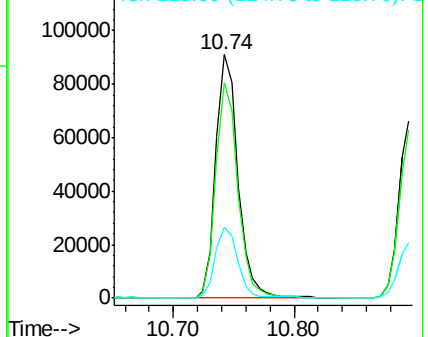
142 100

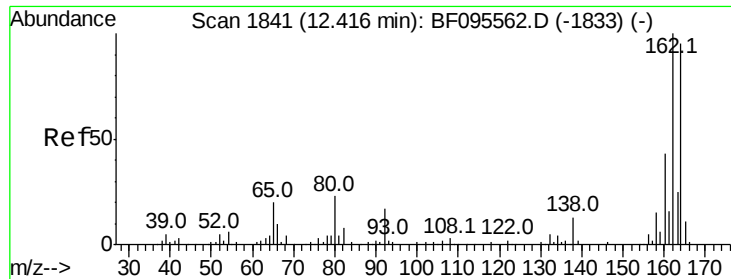
141 88.5 71.3 106.9

115 28.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





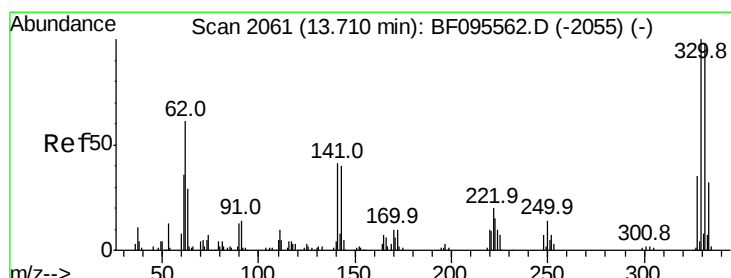
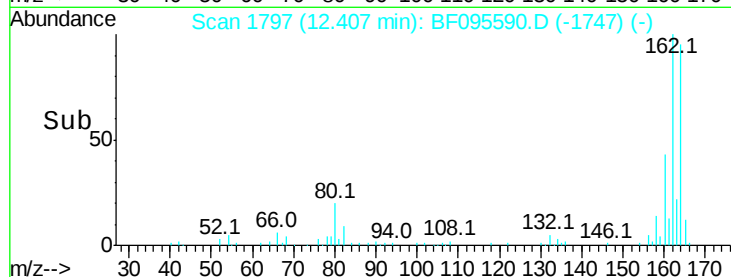
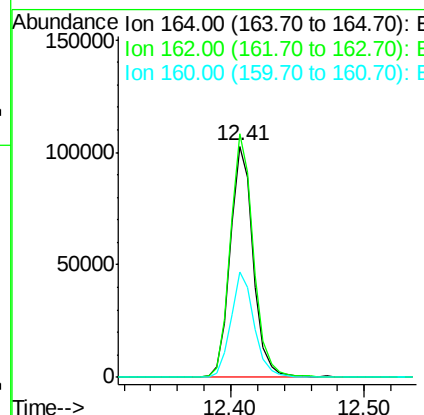
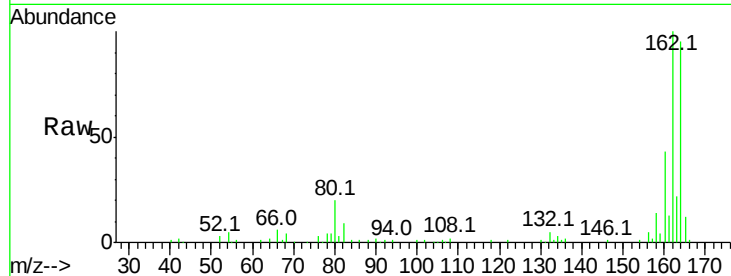
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF095590.D
 Acq: 1 Jun 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-B29-B35-002

Tot Ion	Ratio	Resp	Lower	Upper
164	100	124977		
162	105.4	82.6	123.8	
160	45.9	36.2	54.2	

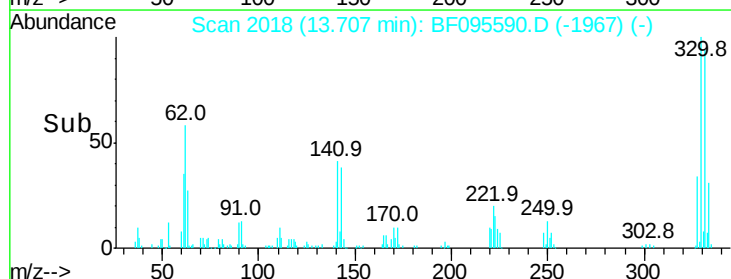
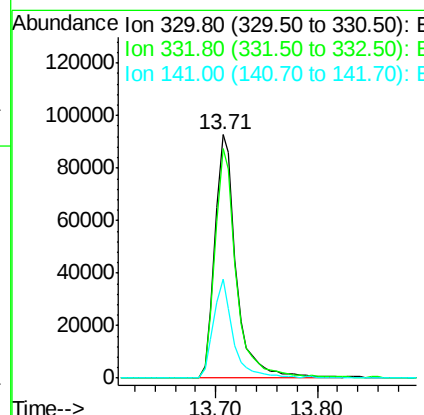
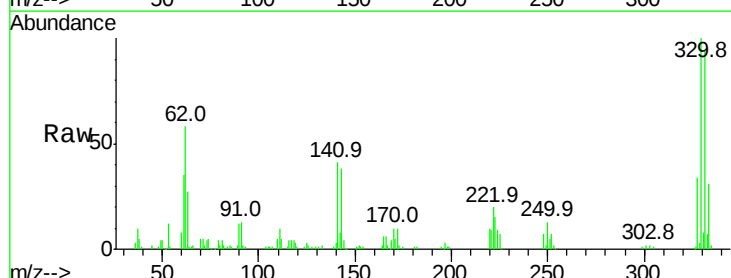
Manual Integrations
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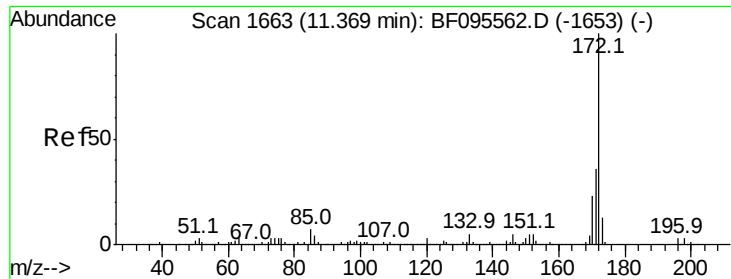
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#41
 2,4,6-Tribromophenol
 Concen: 133.22 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095590.D
 Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	136351		
332	94.5	76.6	115.0	
141	38.0	31.4	47.2	





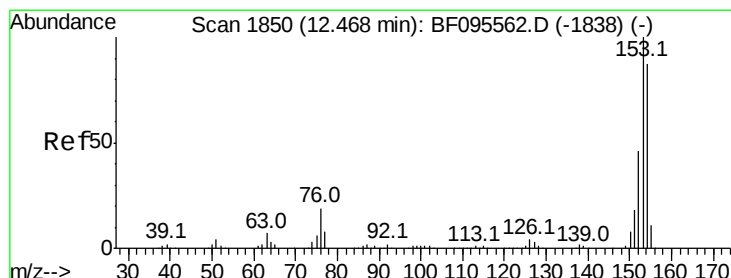
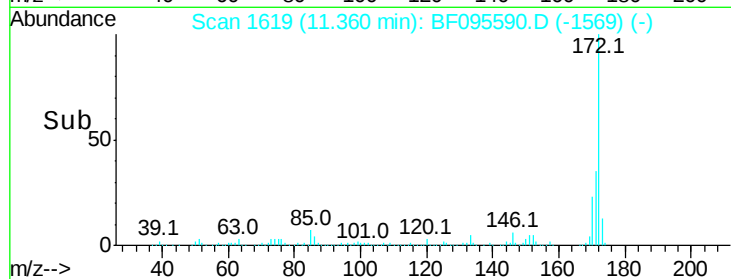
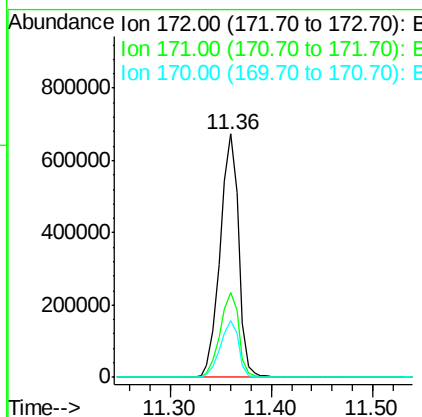
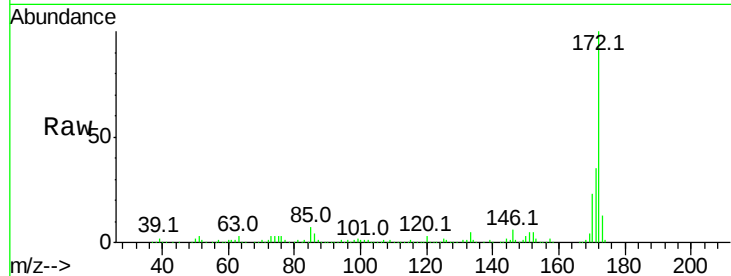
#44
2-Fluorobiphenyl
Concen: 98.46 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tot Ion	Ratio	Resp	Lower	Upper
172	100	854938		
171	35.0		29.6	44.4
170	23.2		19.8	29.8

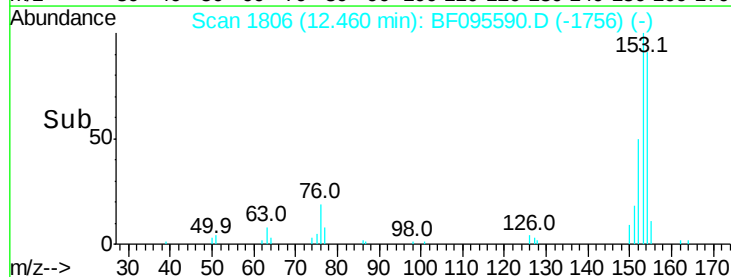
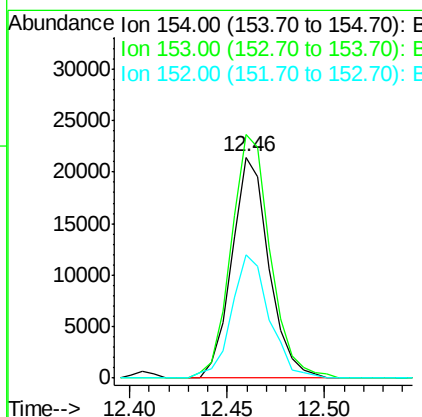
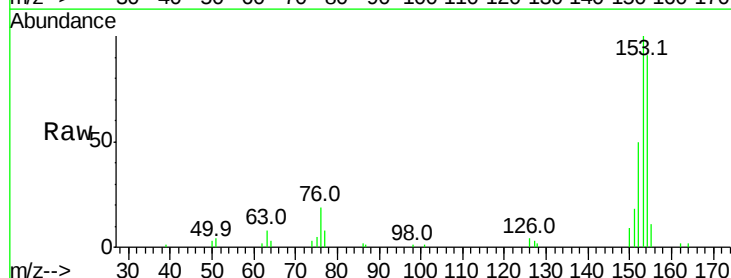
Manual Integrations
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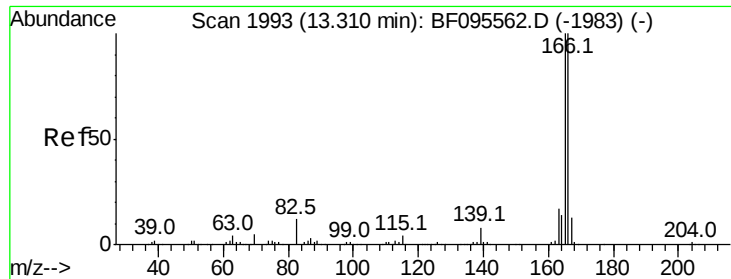
mohammad
6/1/2017 2:20:54 PM



#51
Acenaphthene
Concen: 3.55 ng
RT: 12.46 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	28250		
153	110.3		90.5	135.7
152	55.6		43.6	65.4





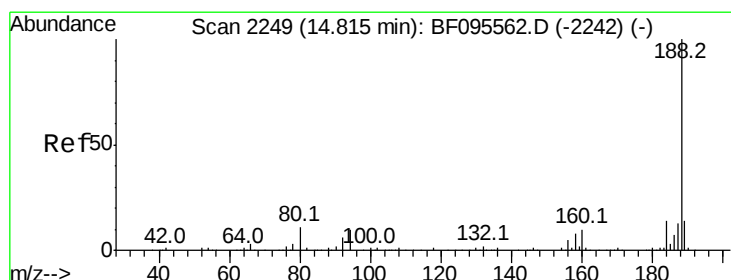
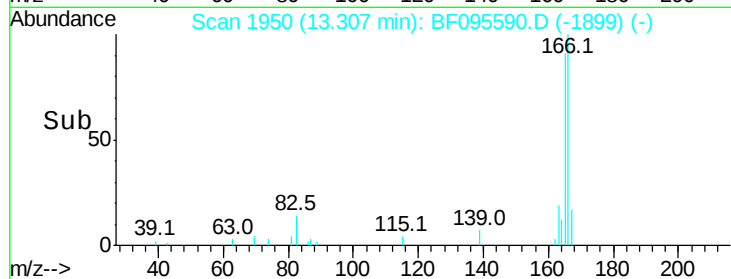
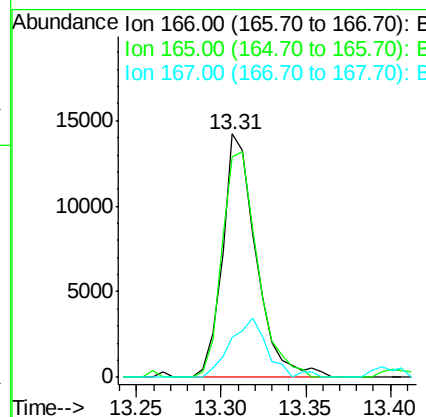
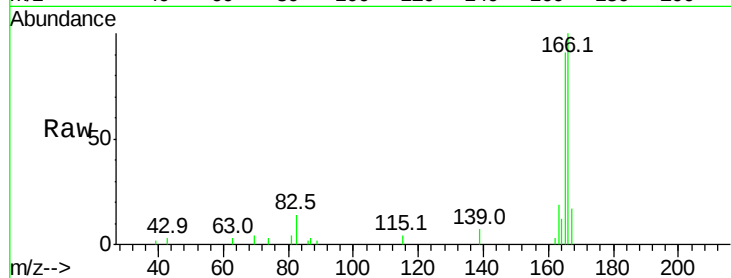
#57
Fluorene
 Concen: 2.06 ng
 RT: 13.31 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BF095590.D
 Acq: 1 Jun 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-B29-B35-002

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.8	78.8	118.2
167	16.6	10.6	16.0#

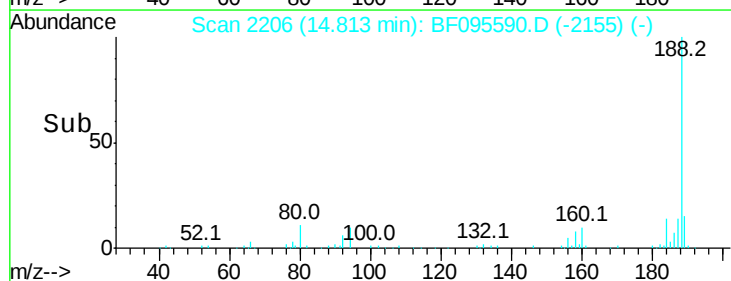
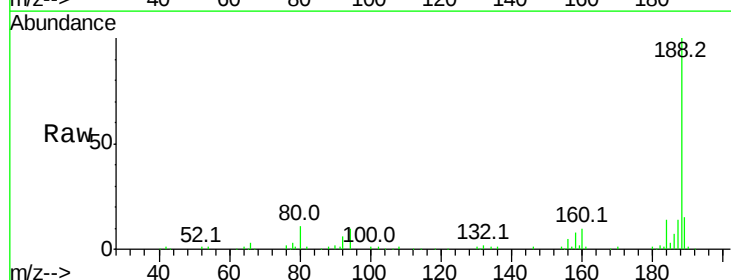
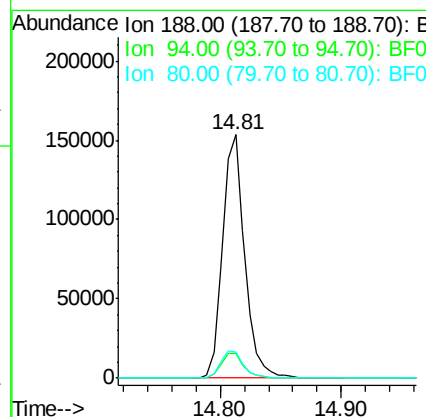
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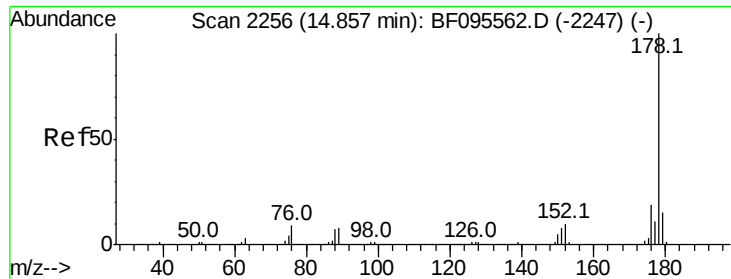
mohammad
 6/1/2017 2:20:54 PM



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BF095590.D
 Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.6	10.2	15.2





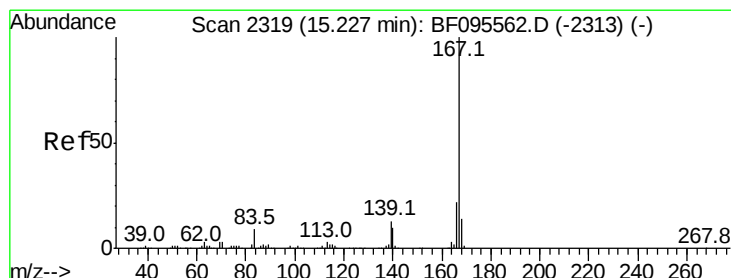
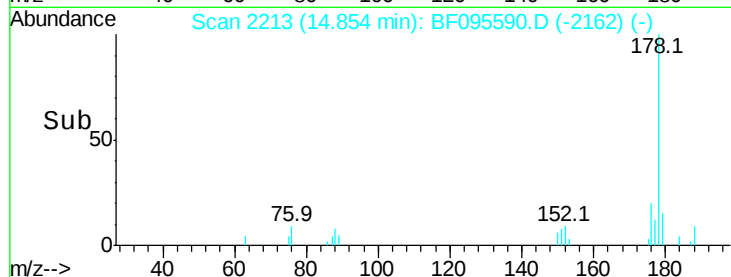
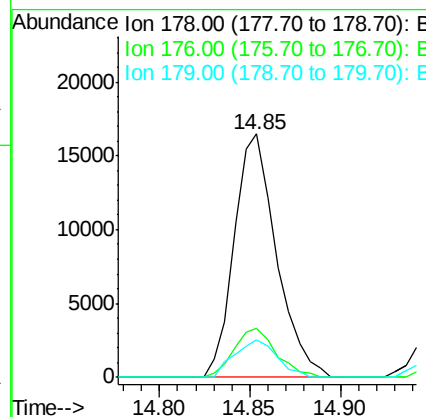
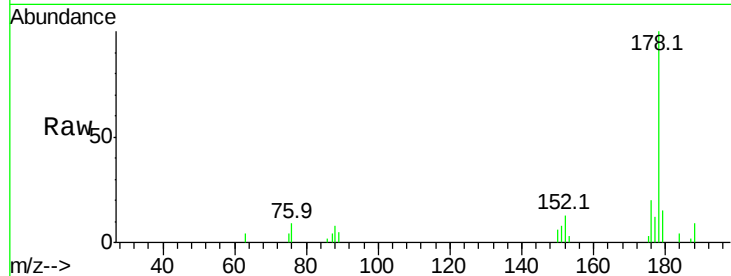
#70
Phenanthrene
Concen: 2.40 ng
RT: 14.85 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.2	12.6	19.0

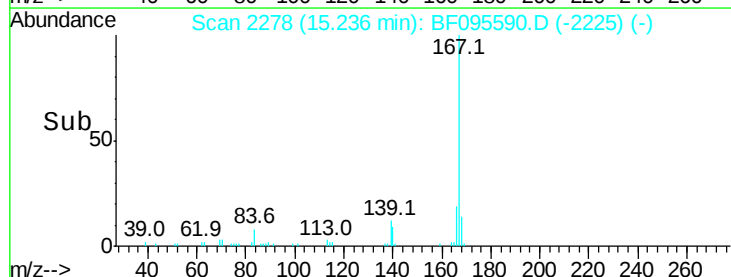
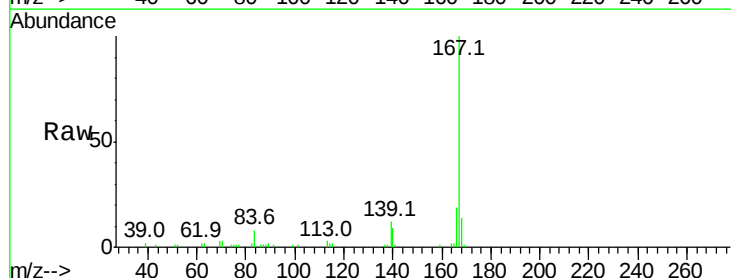
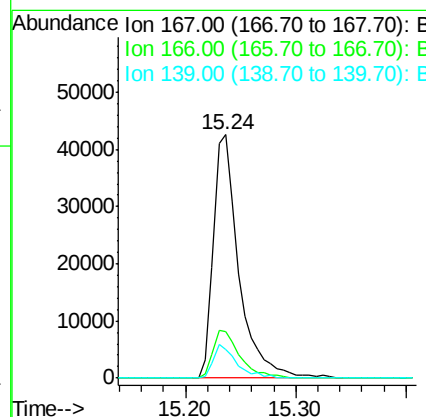
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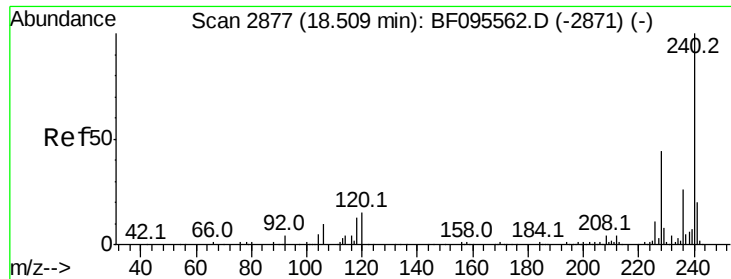
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#72
Carbazole
Concen: 6.54 ng
RT: 15.24 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.3	18.1	27.1
139	11.7	11.7	17.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

Instrument :

BNA_F

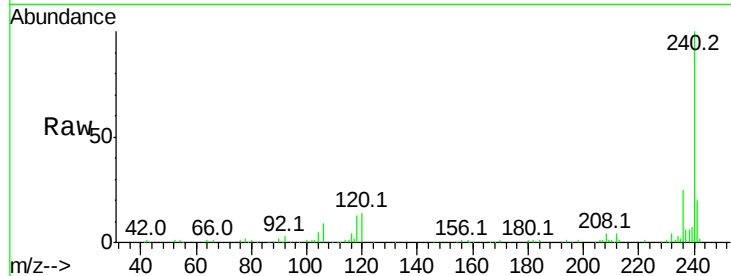
ClientSampleId :

WC-B29-B35-002

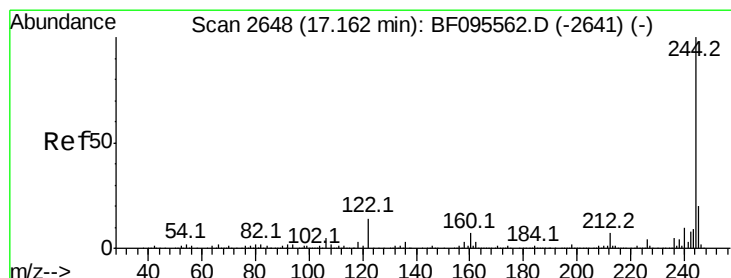
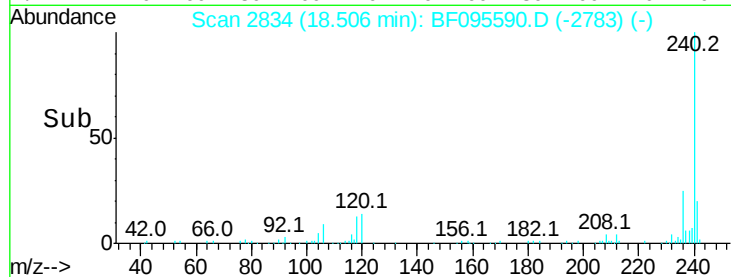
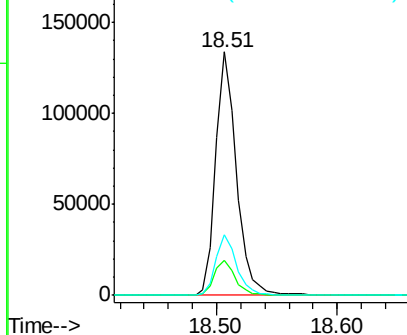
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7

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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

Terphenyl-d14

Concen: 80.47 ng

RT: 17.16 min Scan# 2605

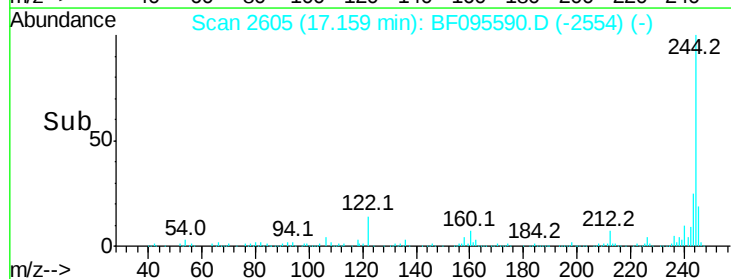
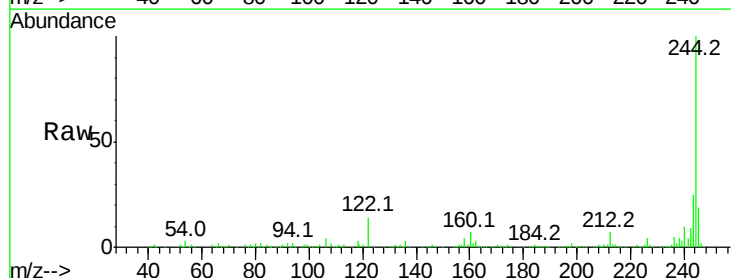
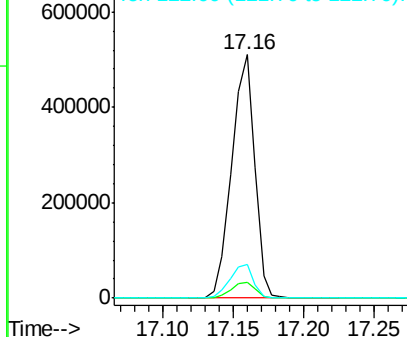
Delta R.T. -0.00 min

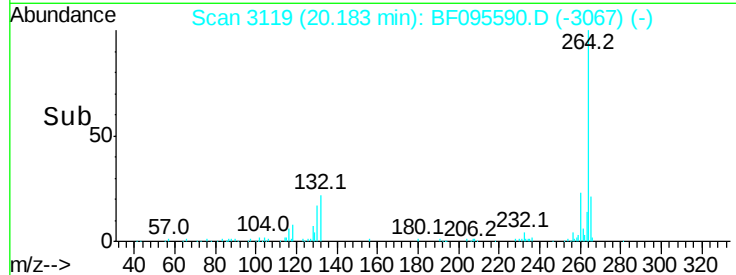
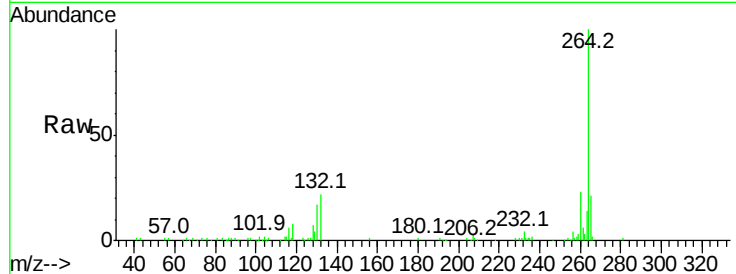
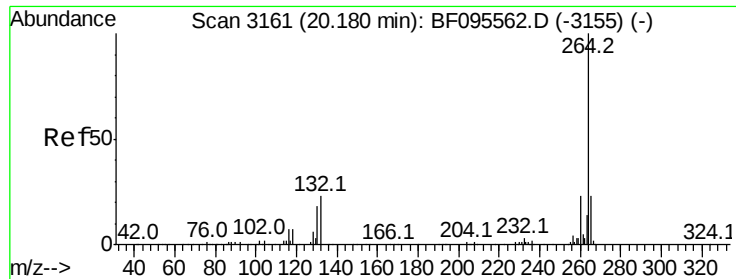
Lab File: BF095590.D

Acq: 1 Jun 2017 7:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.8	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BF095590.D
Acq: 1 Jun 2017 7:01

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-002

Tot Ion:	264	Resp:	118342
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
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