

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078743.D
 Acq On : 23 Apr 2015 7:41
 Operator : TP/IZ
 Sample : G1961-02RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Manual Integrations
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Quant Time: Apr 23 08:40:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:27:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	41432	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	189042	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	104312	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	220015	20.00	ng	0.00
75) Chrysene-d12	17.74	240	230560	20.00	ng	0.00
86) Perylene-d12	19.45	264	223484	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	154676	61.55	ng	0.01
7) Phenol-d6	5.29	99	198082	62.90	ng	0.00
23) Nitrobenzene-d5	6.72	82	118170	37.89	ng	-0.01
41) 2,4,6-Tribromophenol	12.61	330	53209	61.50	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	262520	35.97	ng	-0.01
78) Terphenyl-d14	16.40	244	318854	31.25	ng	0.00
Target Compounds						
70) Phenanthrene	13.91	178	28223	2.22	ng	Qvalue 100
74) Fluoranthene	15.79	202	75823	5.65	ng	97
77) Pyrene	16.11	202	73957	5.11	ng	# 96
80) Benzo(a)anthracene	17.73	228	56585	4.12	ng	98
82) Chrysene	17.77	228	44893	3.48	ng	97
85) Indeno(1,2,3-cd)pyrene	20.62	276	35185	2.41	ng	94
87) Benzo(b)fluoranthene	19.02	252	67876m	4.91	ng	
89) Benzo(a)pyrene	19.38	252	45574	3.78	ng	# 94
91) Benzo(g,h,i)perylene	20.93	276	33833m	2.80	ng	

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

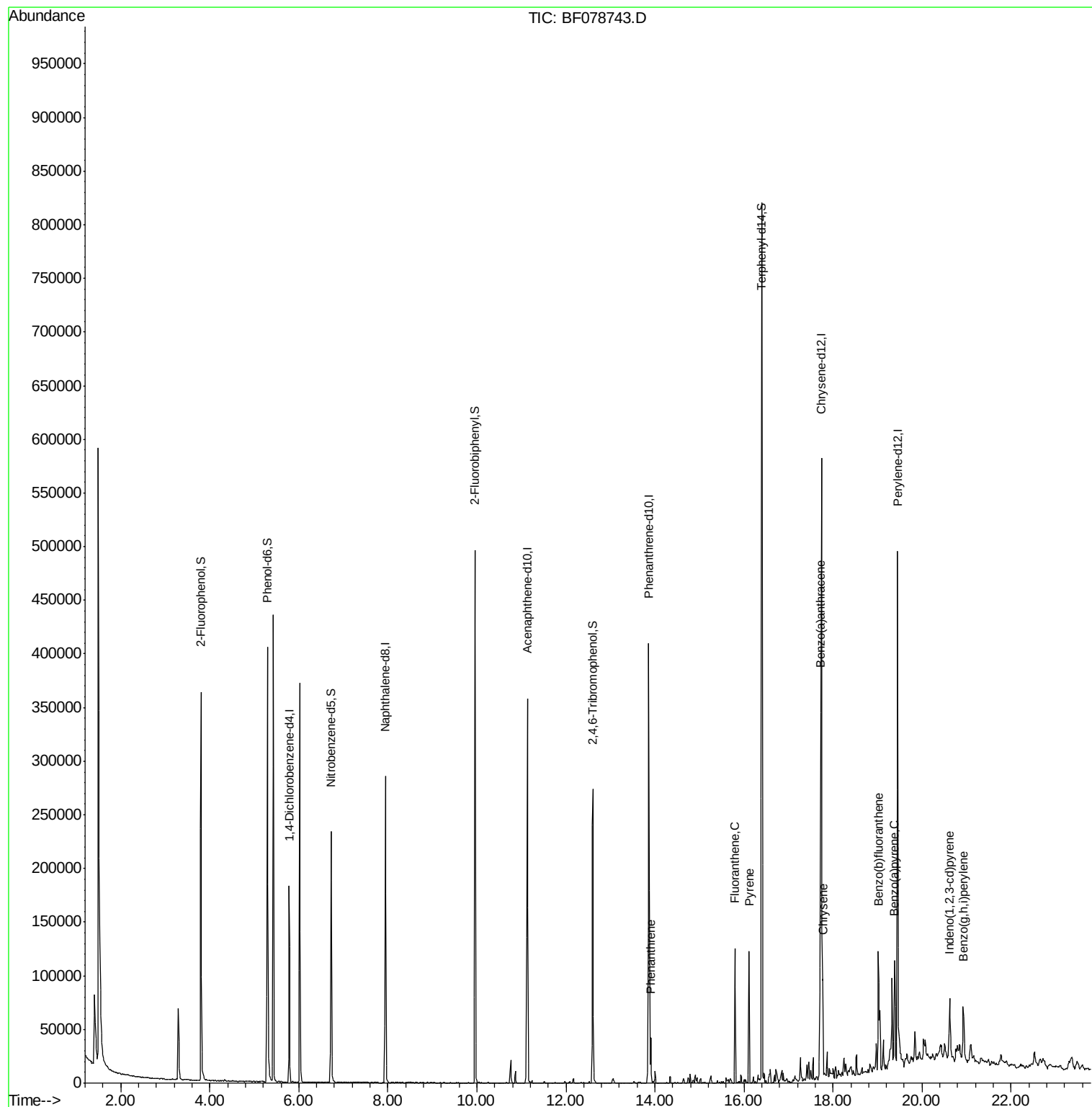
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078743.D
Acq On : 23 Apr 2015 7:41
Operator : TP/IZ
Sample : G1961-02RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

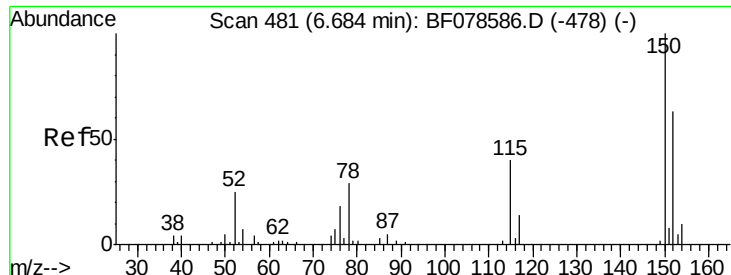
Instrument :
BNA_F
ClientSampleId :
SW-017RE

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Quant Time: Apr 23 08:40:22 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 07:27:59 2015
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#1

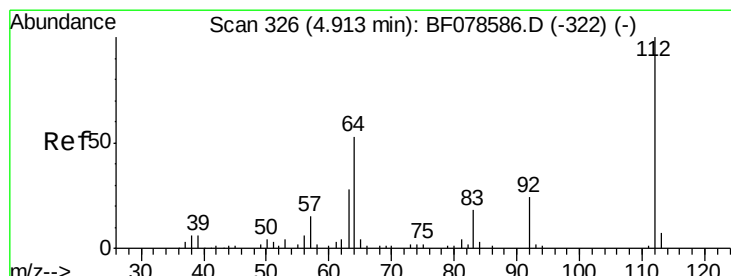
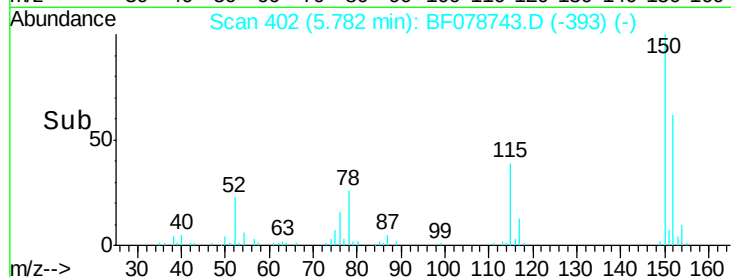
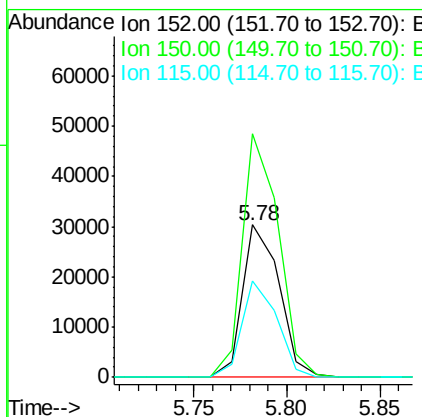
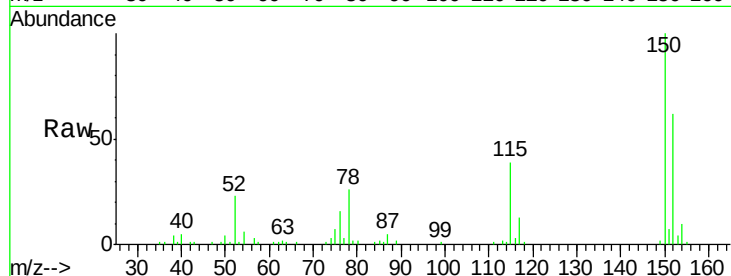
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Instrument :
BNA_F
ClientSampleId :
SW-017RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.9	188.9
115	63.1	52.7	79.1

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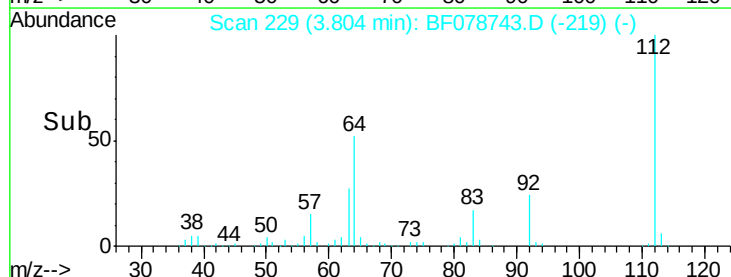
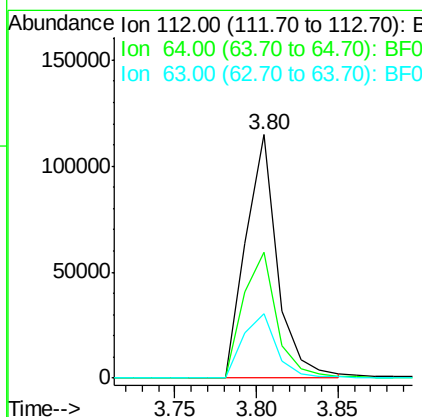
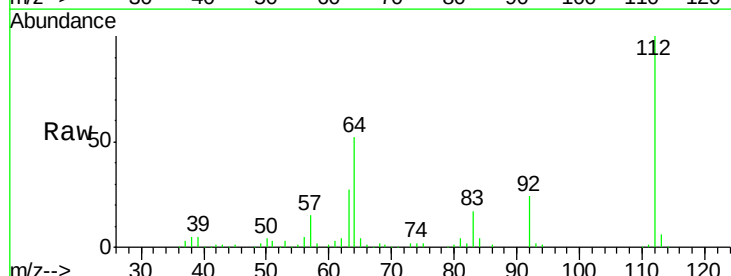
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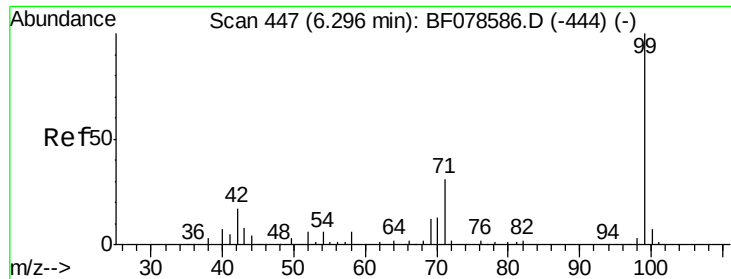


#5

2-Fluorophenol
Concen: 61.55 ng
RT: 3.80 min Scan# 229
Delta R.T. 0.01 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.9	59.9
63	26.7	20.2	30.4





#7

Phenol-d6

Concen: 62.90 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

BNA_F

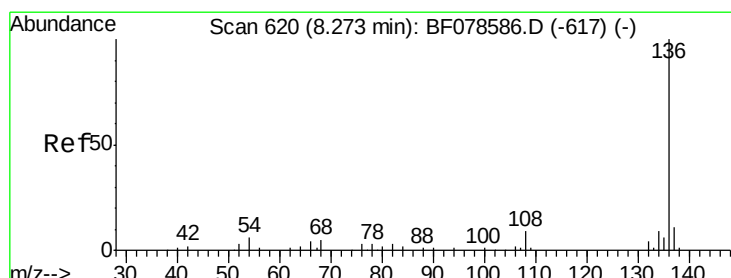
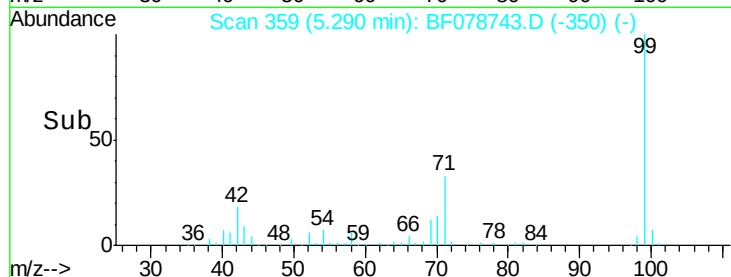
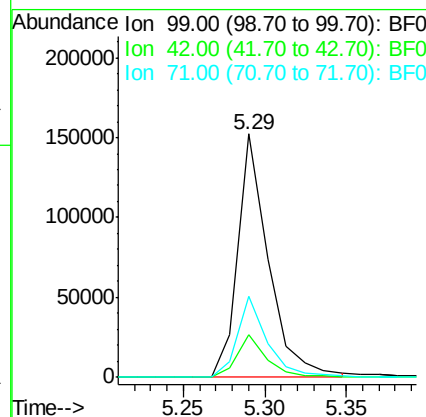
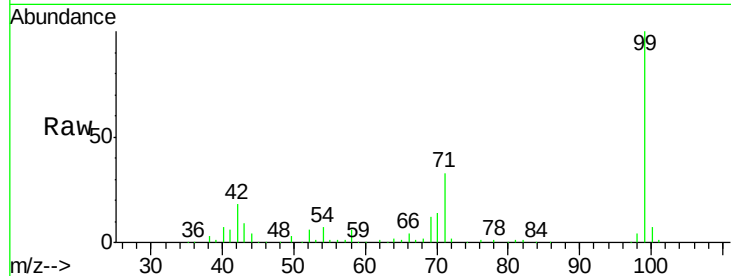
ClientSampleId :

SW-017RE

Tot Ion:	99	Resp:	198082
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.8	22.2
71	33.4	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

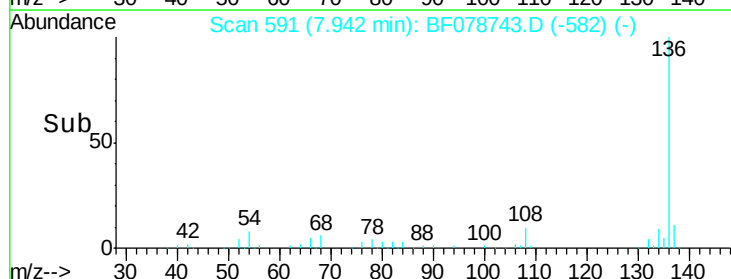
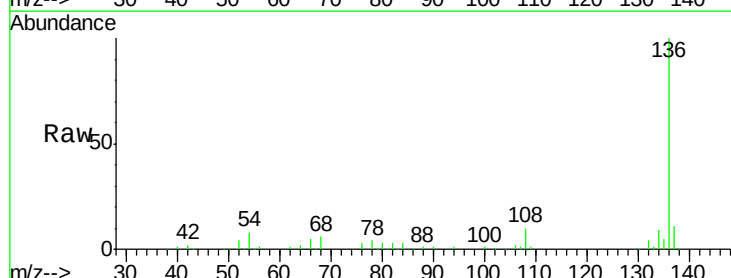
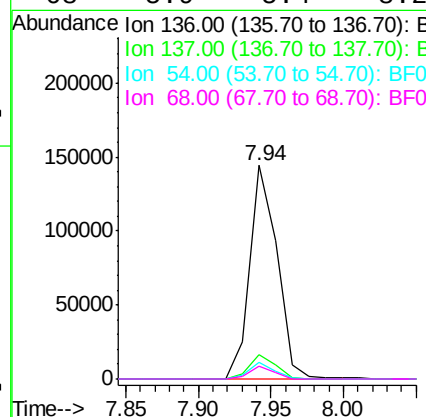
RT: 7.94 min Scan# 591

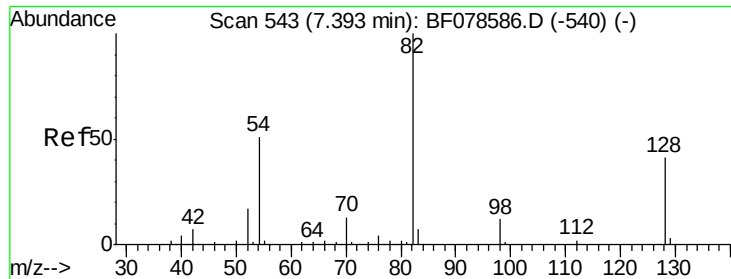
Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Tgt Ion:	136	Resp:	189042
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.7	7.0	10.6
68	5.9	5.4	8.2





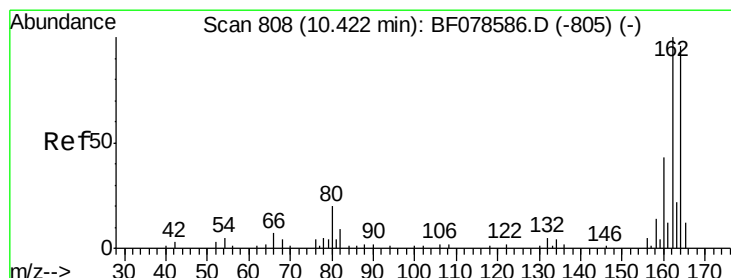
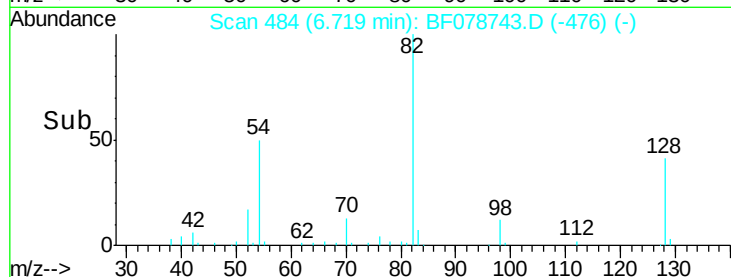
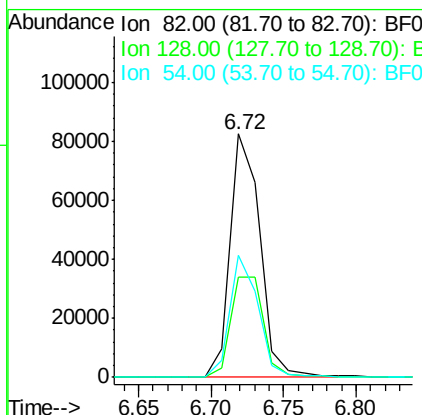
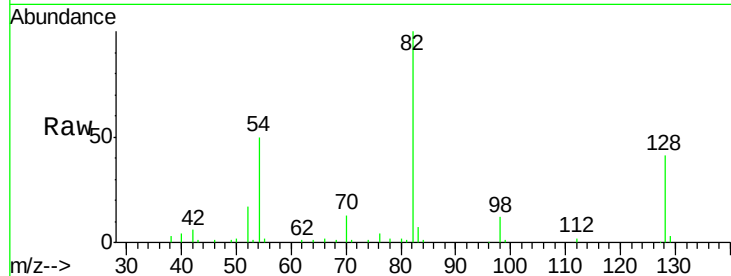
#23
 Nitrobenzene-d5
 Concen: 37.89 ng
 RT: 6.72 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	31.8	47.8	
54	50.2	41.5	62.3	

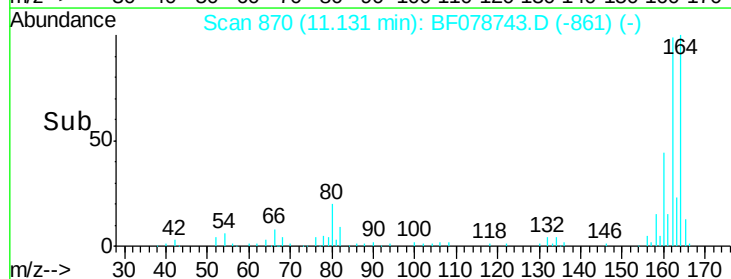
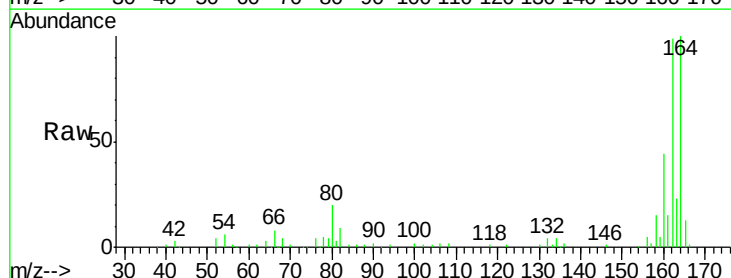
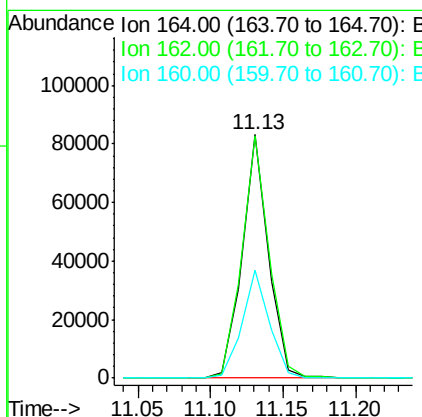
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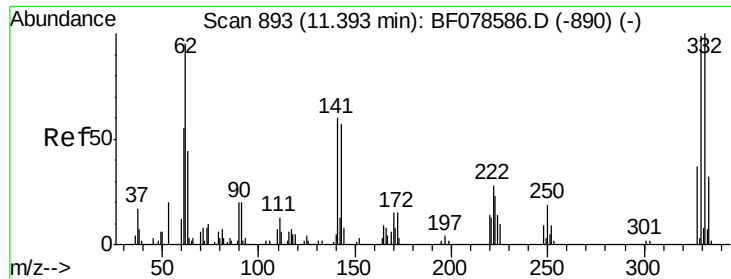
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	82.2	123.2	
160	44.4	34.7	52.1	





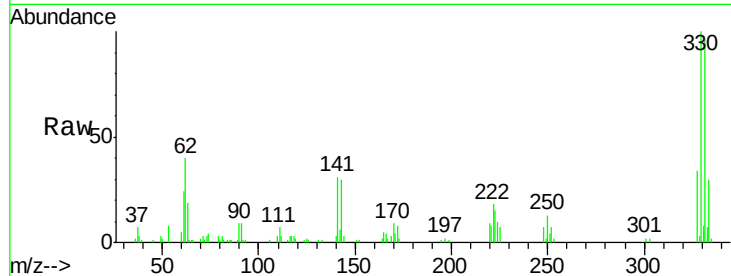
#41
 2,4,6-Tribromophenol
 Concen: 61.50 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampled :
 SW-017RE

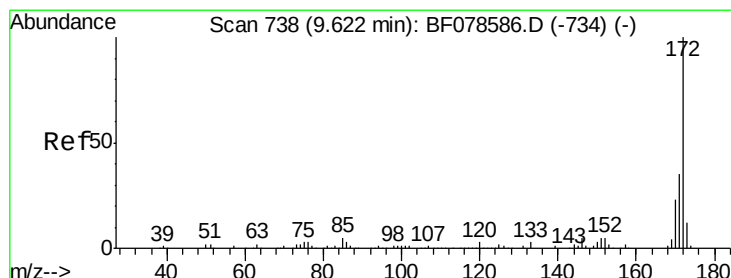
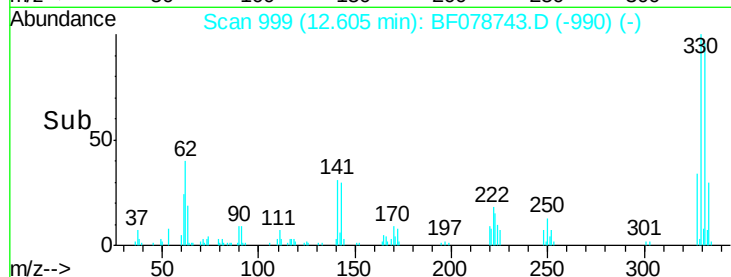
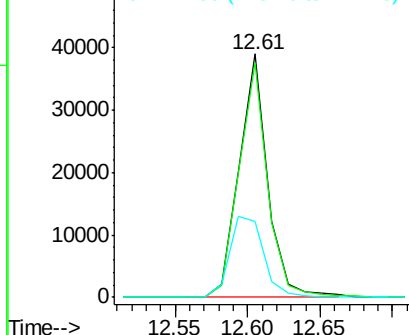
Tot Ion	Ratio	Resp	Lower	Upper
330	100	53209		
332	96.7		78.6	117.8
141	39.7		31.2	46.8

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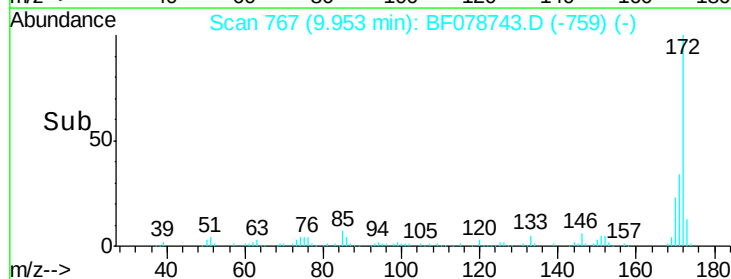
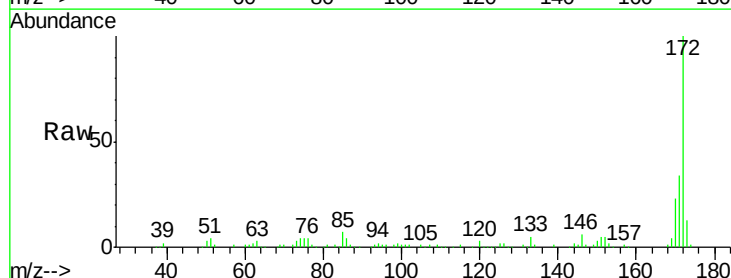
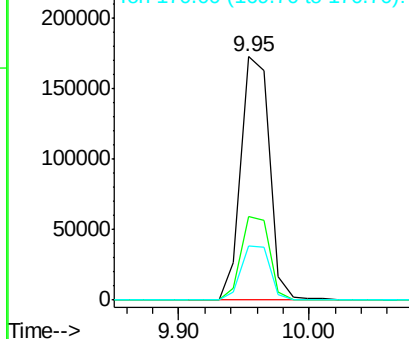
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

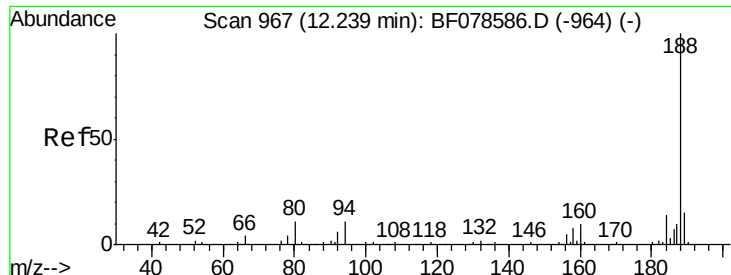


#44
 2-Fluorobiphenyl
 Concen: 35.97 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	262520		
171	34.4		28.6	42.8
170	22.5		18.5	27.7

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





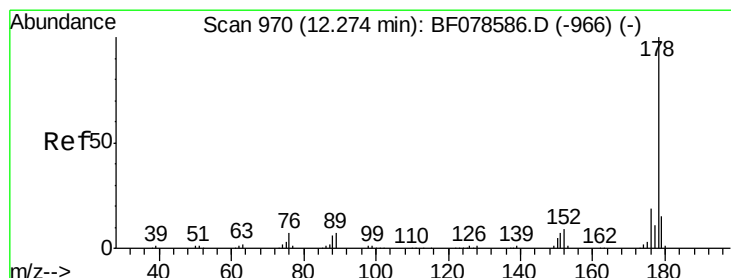
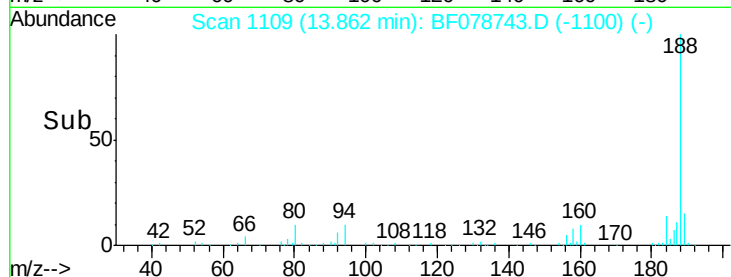
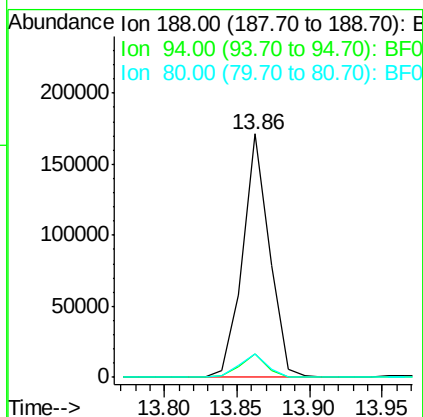
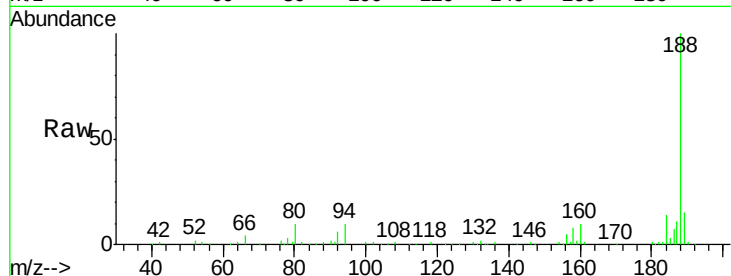
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Instrument :
BNA_F
ClientSampleId :
SW-017RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.8	9.5	14.3

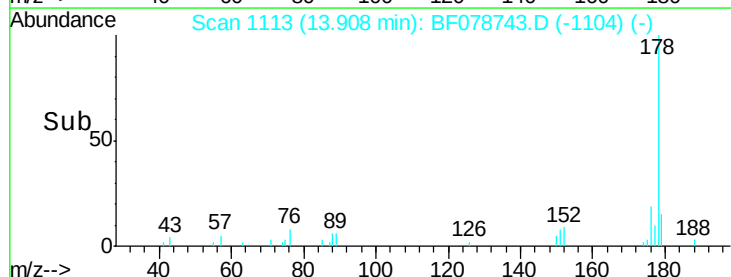
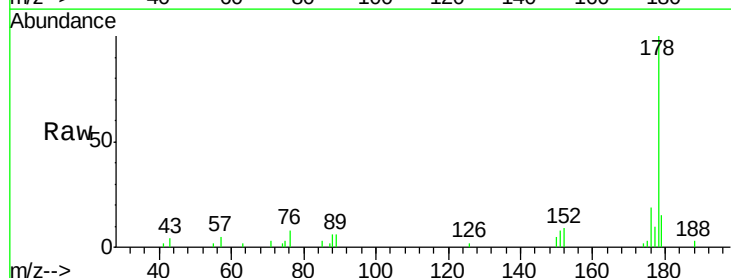
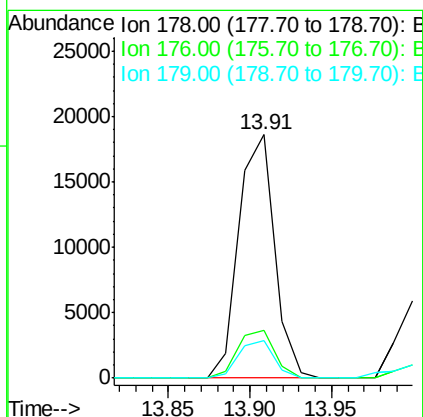
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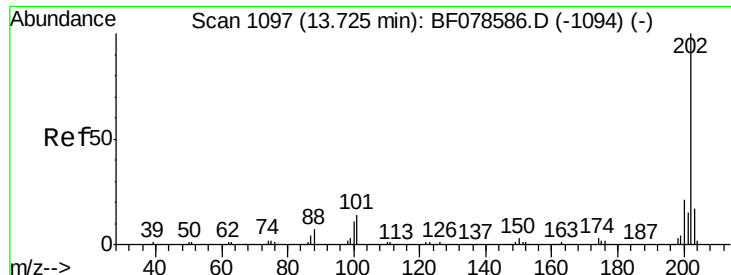
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#70
Phenanthrene
Concen: 2.22 ng
RT: 13.91 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.4	12.2	18.2





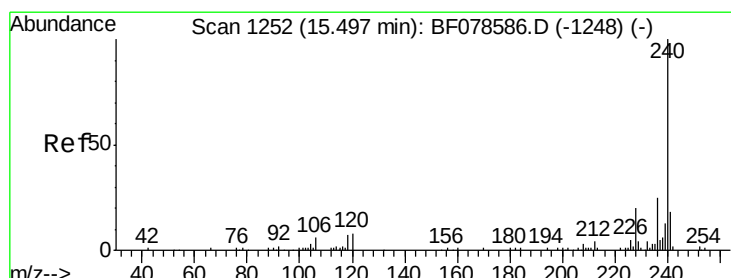
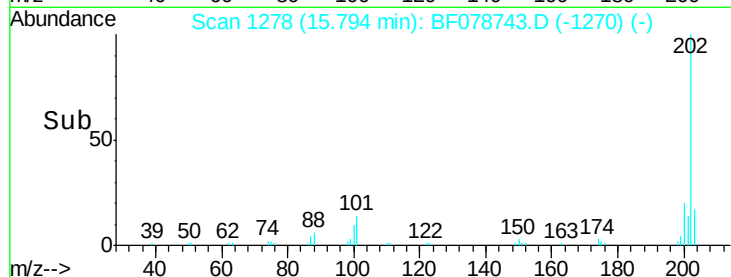
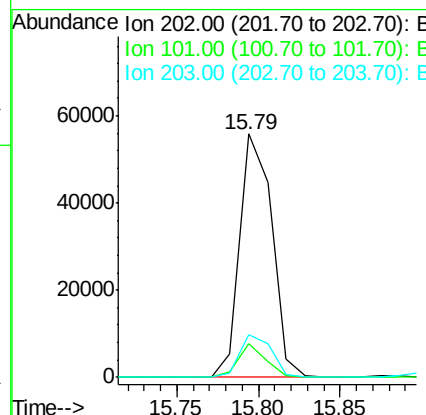
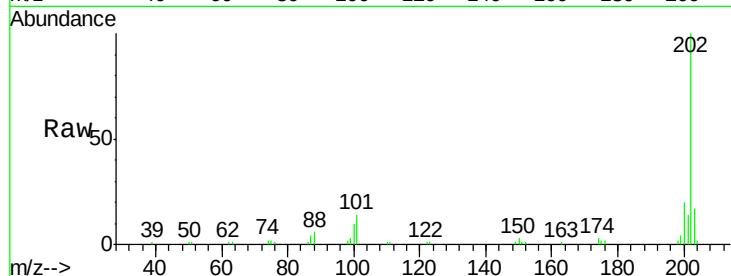
#74
 Fluoranthene
 Concen: 5.65 ng
 RT: 15.79 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	35.2
203	17.3	0.0	38.5

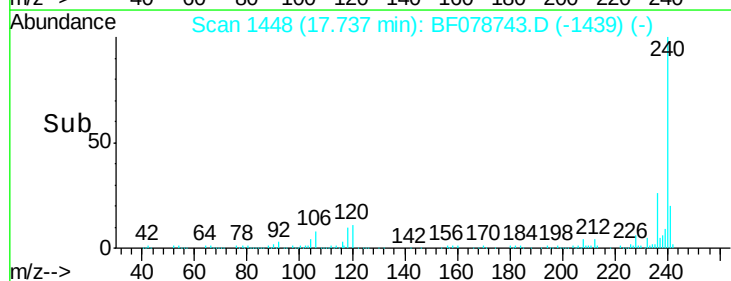
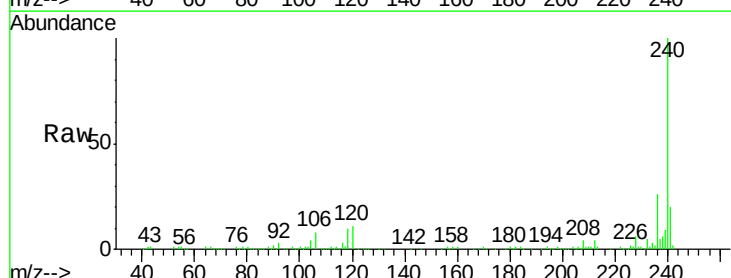
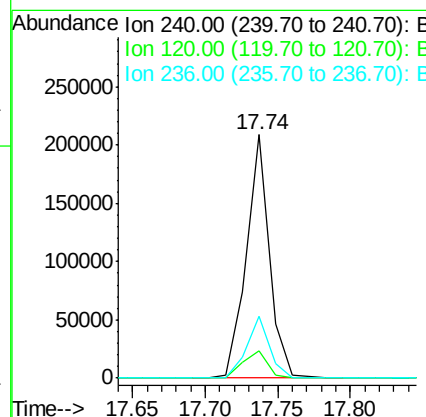
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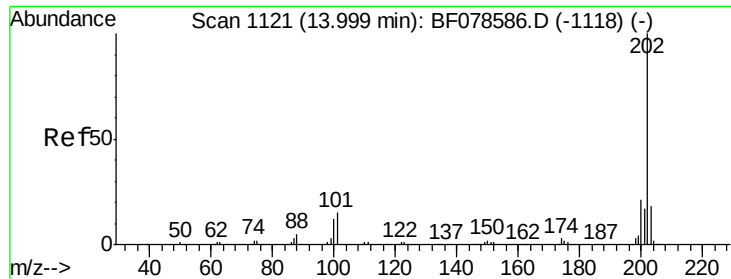
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	25.5	21.4	32.2





#77

Pvrene

Concen: 5.11 ng

RT: 16.11 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

BNA_F

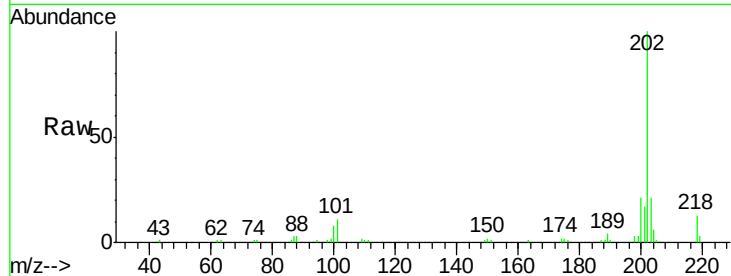
ClientSampleId :

SW-017RE

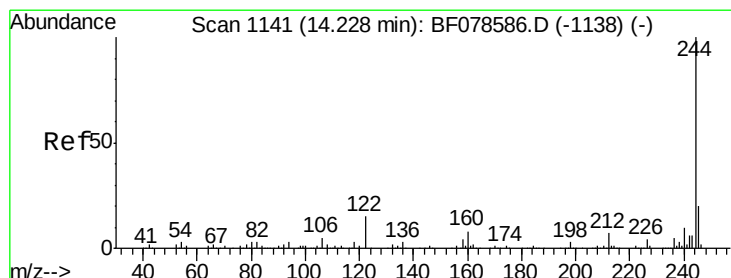
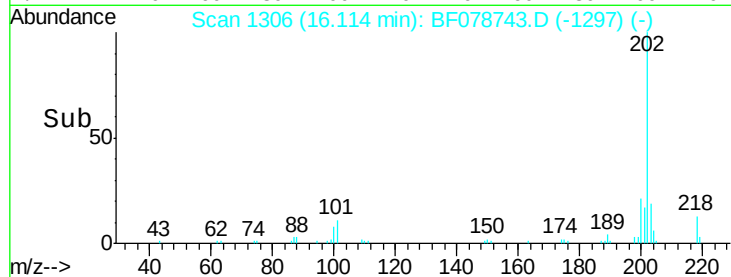
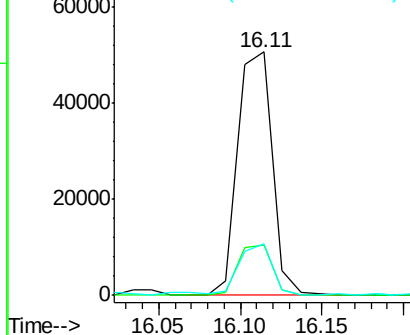
Tot Ion:	202	Resp:	73957
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.3	24.5
203	21.1	13.8	20.6#

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 31.25 ng

RT: 16.40 min Scan# 1331

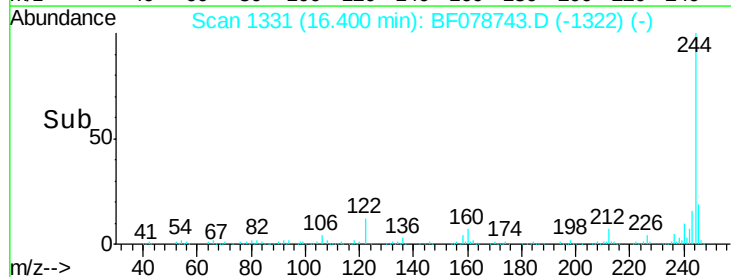
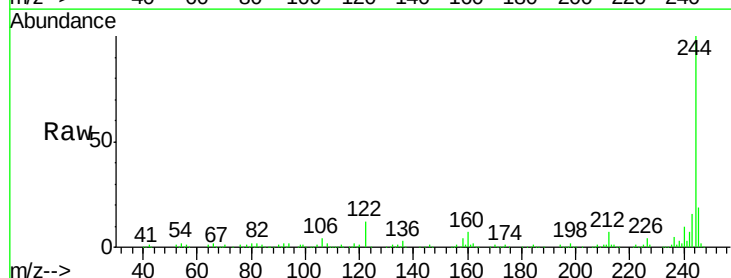
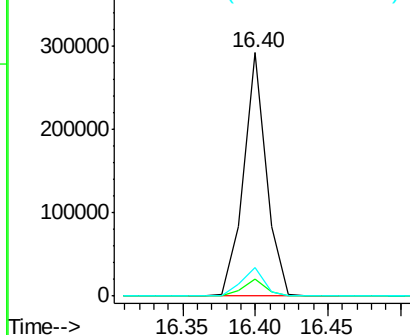
Delta R.T. 0.00 min

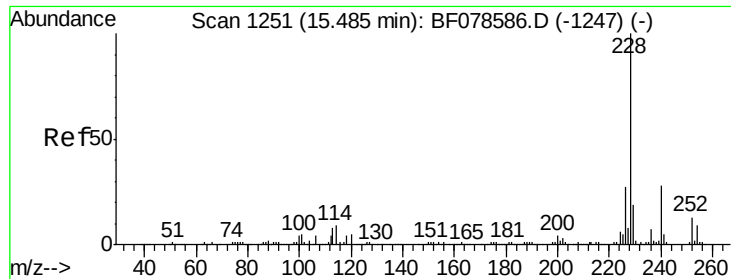
Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Tgt Ion:	244	Resp:	318854
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.0	7.4
122	11.7	7.1	10.7#

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





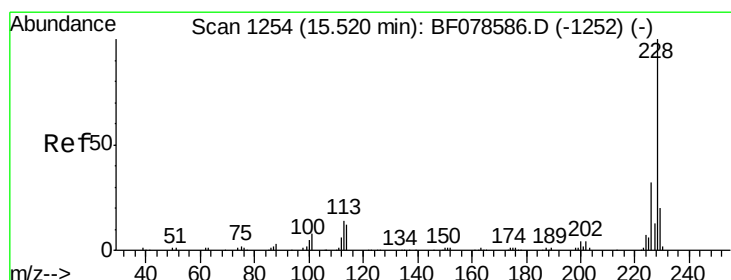
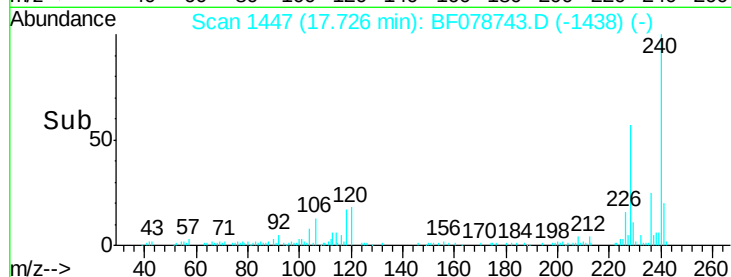
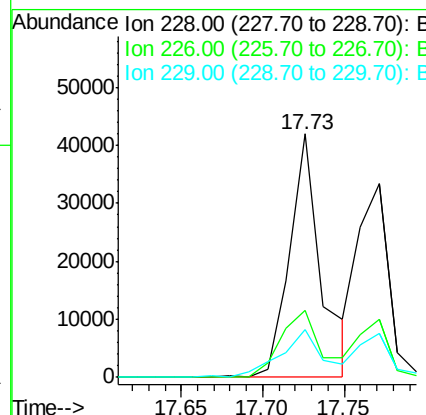
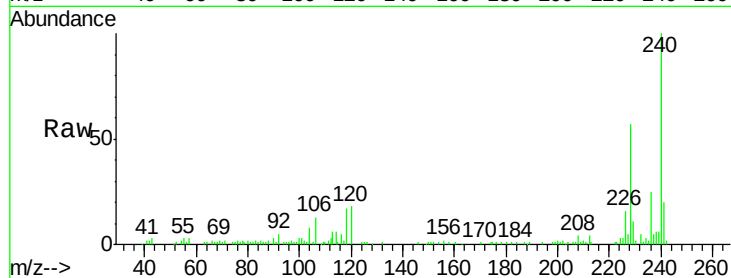
#80
Benzo(a)anthracene
Concen: 4.12 ng
RT: 17.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Instrument :
BNA_F
ClientSampleId :
SW-017RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	19.8	15.4	23.2

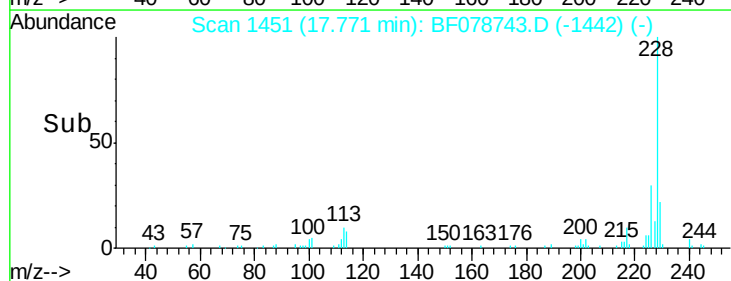
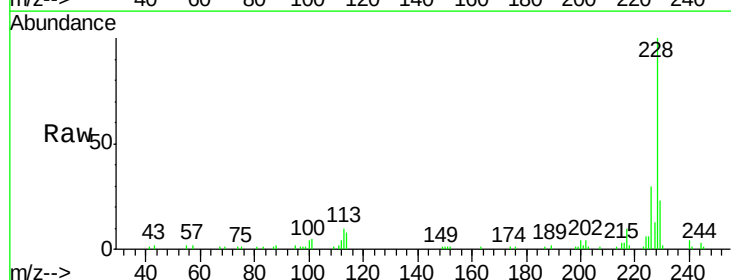
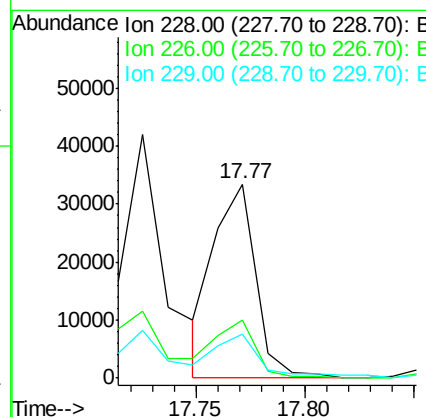
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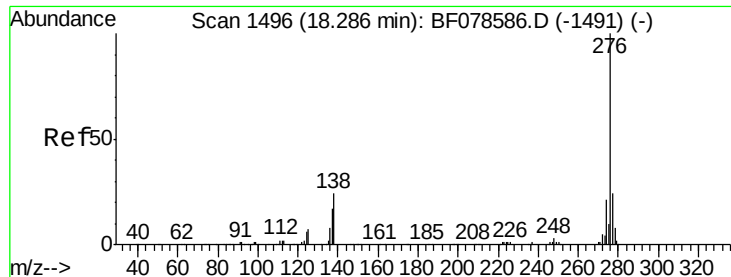
apatel
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#82
Chrysene
Concen: 3.48 ng
RT: 17.77 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF078743.D
Acq: 23 Apr 2015 7:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	22.7	15.8	23.8





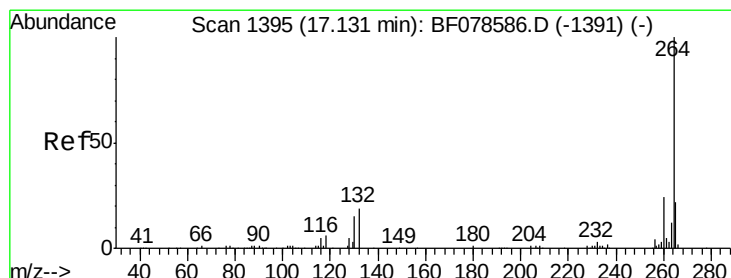
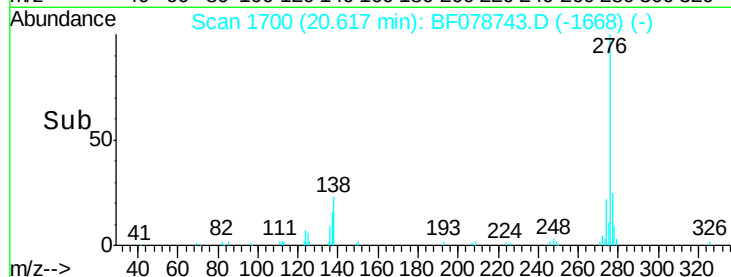
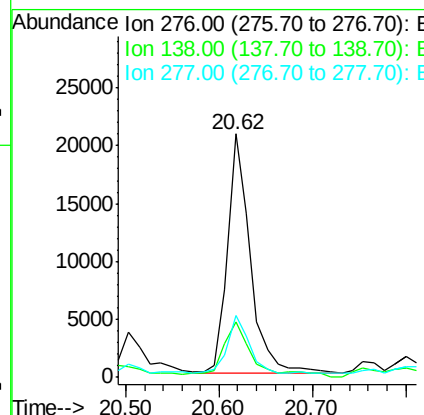
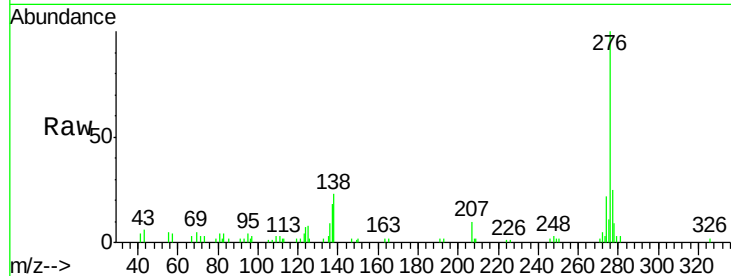
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.41 ng
 RT: 20.62 min Scan# 1700
 Delta R.T. 0.07 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tot Ion:	276	Resp:	35185
Ion Ratio	Lower	Upper	
276	100		
138	22.7	16.9	25.3
277	23.6	15.8	23.6

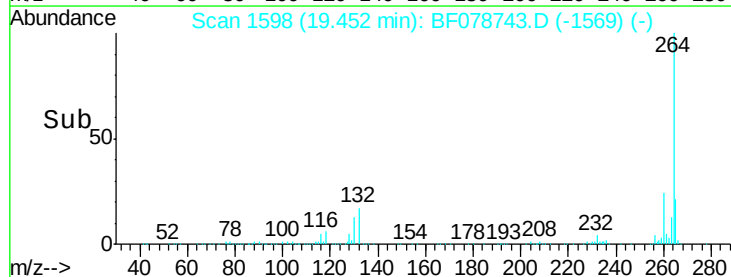
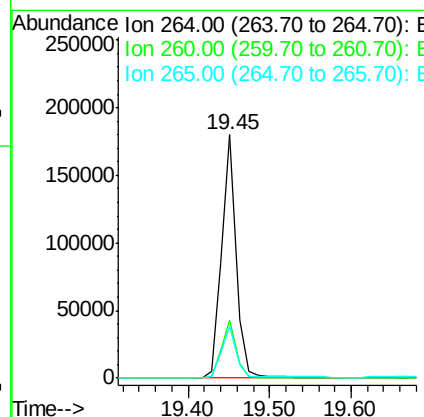
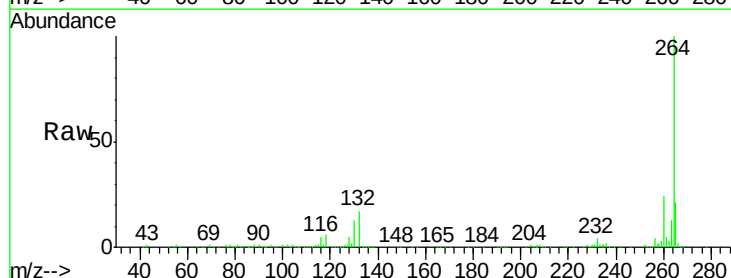
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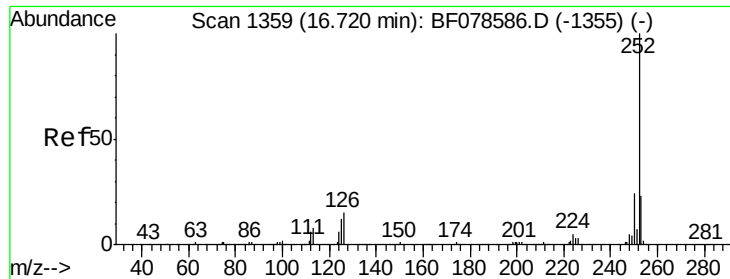
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. 0.03 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Tgt Ion:	264	Resp:	223484
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	27.8
265	21.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 4.91 ng/mL

RT: 19.02 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Instrument :

BNA_F

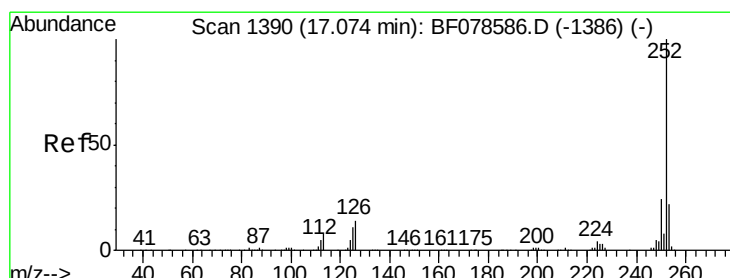
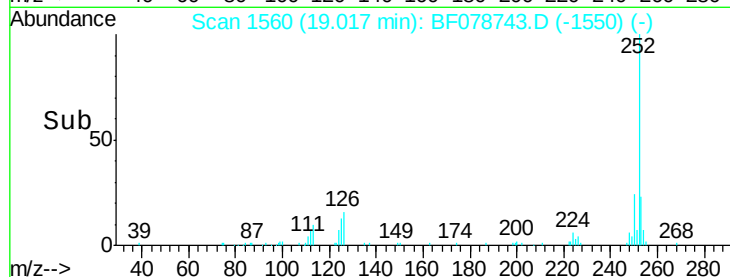
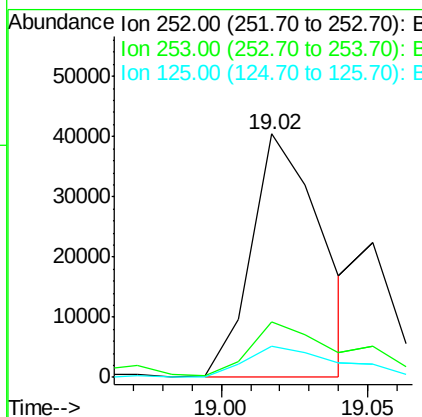
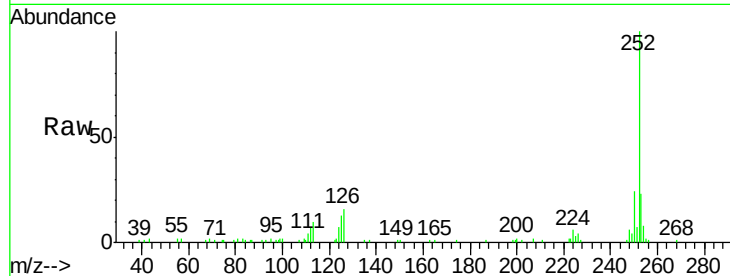
ClientSampled :

SW-017RE

Tot Ion:	252	Resp:	67876
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	12.8	7.0	10.4

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#89

Benzo(a)pyrene

Concen: 3.78 ng/mL

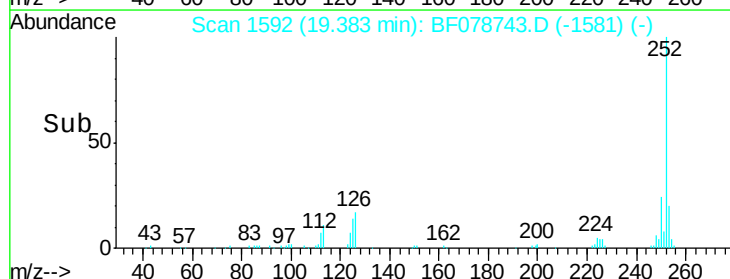
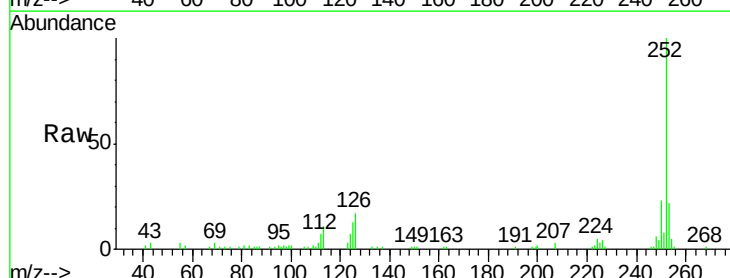
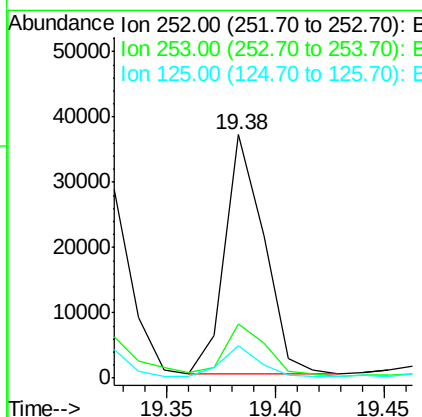
RT: 19.38 min Scan# 1592

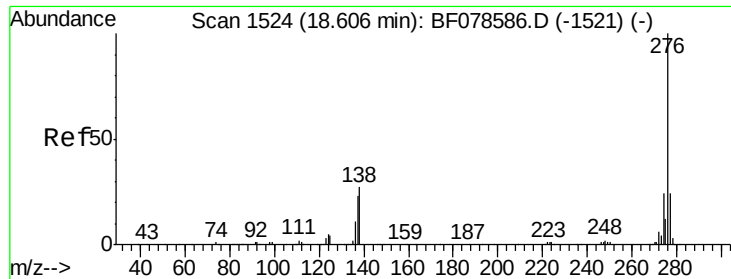
Delta R.T. 0.02 min

Lab File: BF078743.D

Acq: 23 Apr 2015 7:41

Tgt Ion:	252	Resp:	45574
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.8	25.2
125	13.5	7.4	11.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.80 ng/ml
 RT: 20.93 min Scan# 1727
 Delta R.T. 0.07 min
 Lab File: BF078743.D
 Acq: 23 Apr 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 SW-017RE

Tot Ion:	276	Resp:	33833
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.0	28.4
138	27.9	19.9	29.9

Manual Integrations
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