

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101905.D
 Acq On : 4 Jan 2018 21:43
 Operator : SJ/JU
 Sample : J1033-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2(5)

Manual Integrations
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 1/5/2018 10:29:45 AM

Quant Time: Jan 05 02:18:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114810	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	392754	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	130531	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	237962	20.00	ng	0.00
75) Chrysene-d12	13.96	240	256342	20.00	ng	0.00
86) Perylene-d12	15.43	264	174266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	57244	7.43	ng	0.06
7) Phenol-d6	6.48	99	77968	8.13	ng	0.06
23) Nitrobenzene-d5	7.37	82	46284	6.56	ng	0.03
41) 2,4,6-Tribromophenol	10.63	330	5562	4.42	ng	0.02
44) 2-Fluorobiphenyl	9.13	172	69487	8.26	ng	0.00
78) Terphenyl-d14	12.88	244	71248	6.70	ng	0.00
Target Compounds						
70) Phenanthrene	11.33	178	52013	3.930	ng	99
74) Fluoranthene	12.52	202	103117	7.424	ng	99
77) Pyrene	12.76	202	104754	5.445	ng	97
80) Benzo(a)anthracene	13.94	228	63568m	3.755	ng	
82) Chrysene	13.99	228	53672	3.358	ng	97
87) Benzo(b)fluoranthene	15.00	252	56446m	5.314	ng	
88) Benzo(k)fluoranthene	15.03	252	21590m	2.091	ng	
89) Benzo(a)pyrene	15.37	252	37645	3.845	ng	# 86
91) Benzo(g,h,i)perylene	17.39	276	17490	2.101	ng	# 89

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

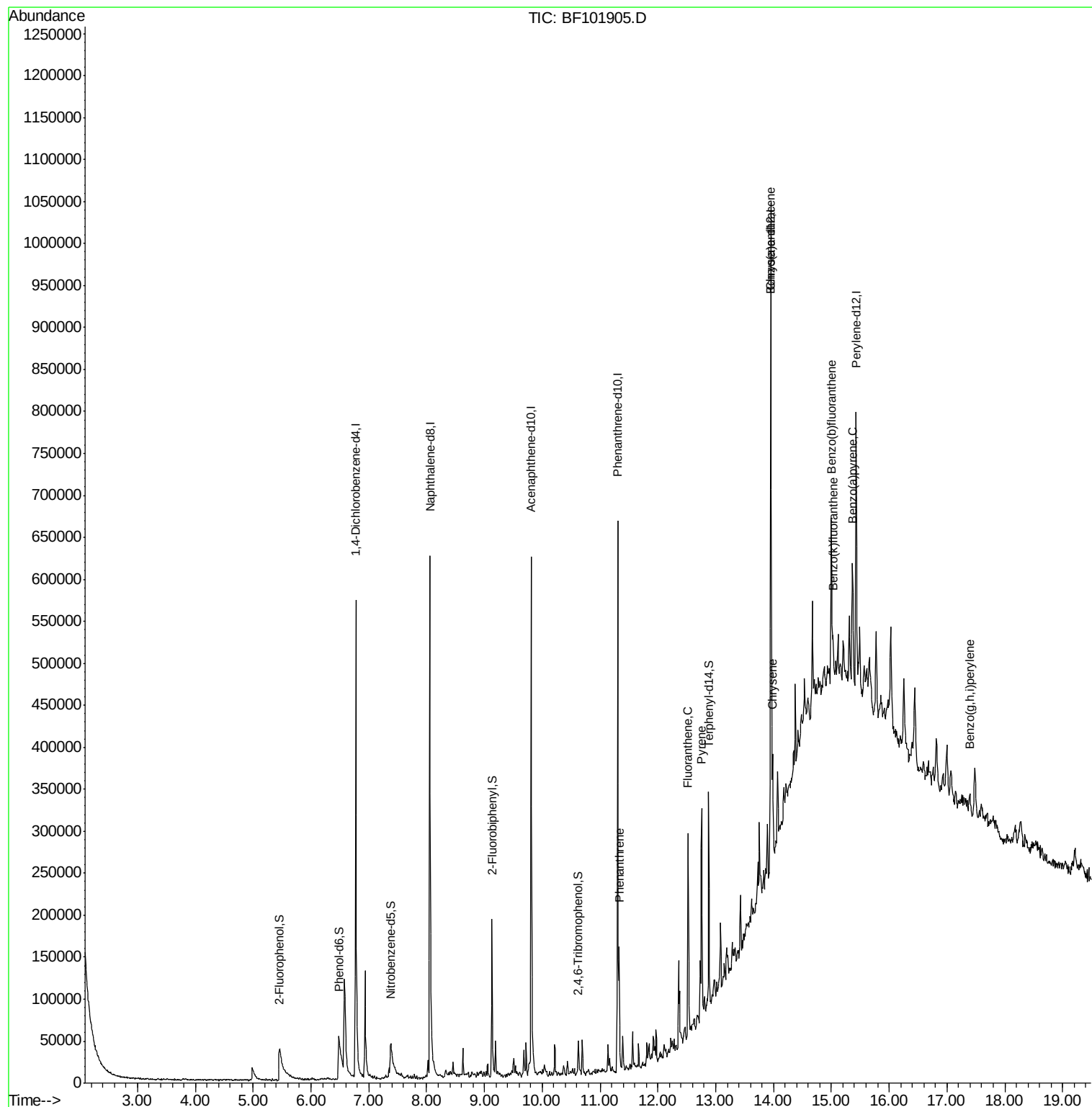
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101905.D
Acq On : 4 Jan 2018 21:43
Operator : SJ/JU
Sample : J1033-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

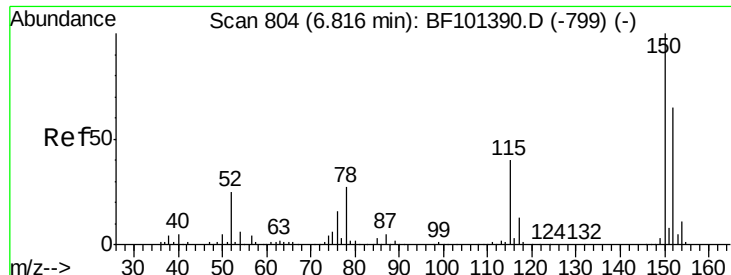
Instrument :
BNA_F
ClientSampleId :
B-2(5)

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Quant Time: Jan 05 02:18:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration





#1

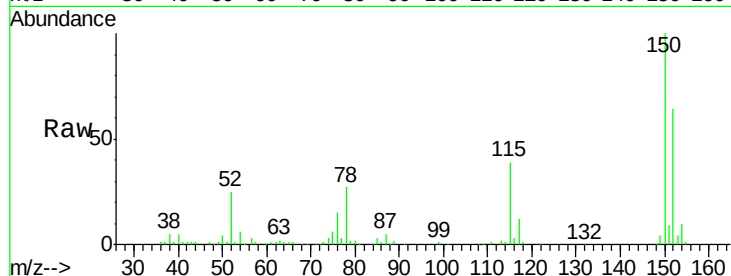
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampled :
B-2(5)

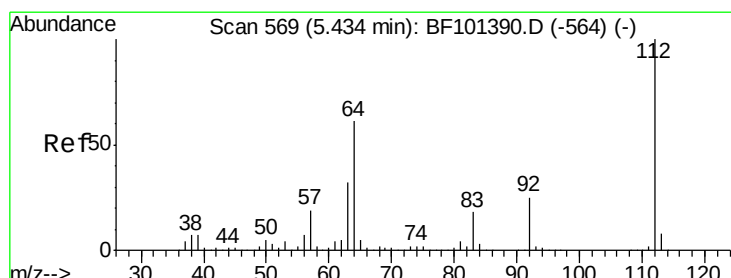
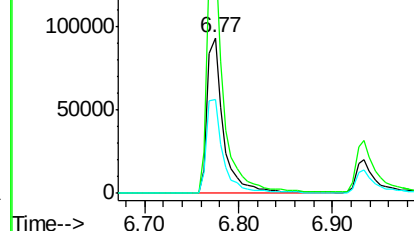
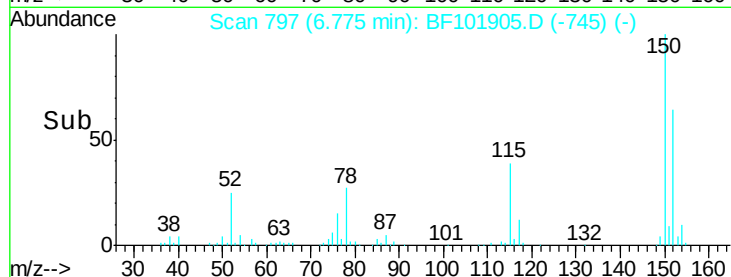
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	60.6	50.1	75.1

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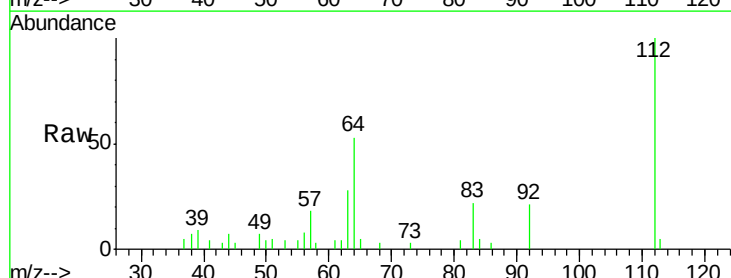
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



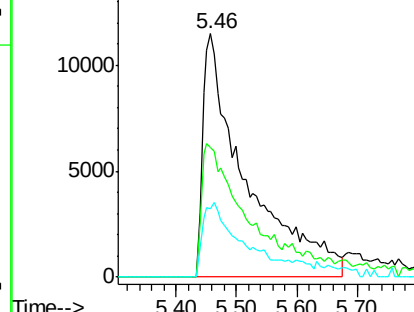
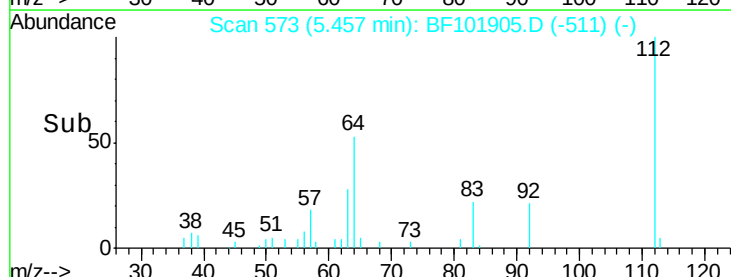
#5

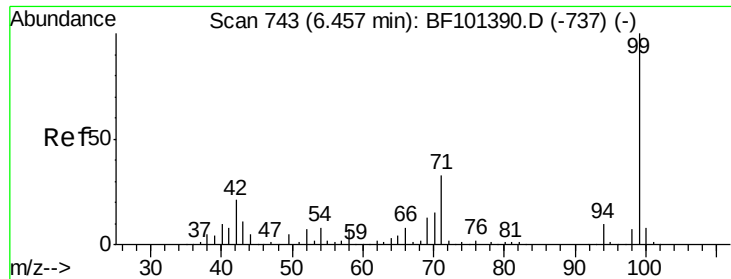
2-Fluorophenol
Concen: 7.427 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.06 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	28.3	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: 8.128 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.06 min

Lab File: BF101905.D

Acq: 4 Jan 2018 21:43

Instrument :

BNA_F

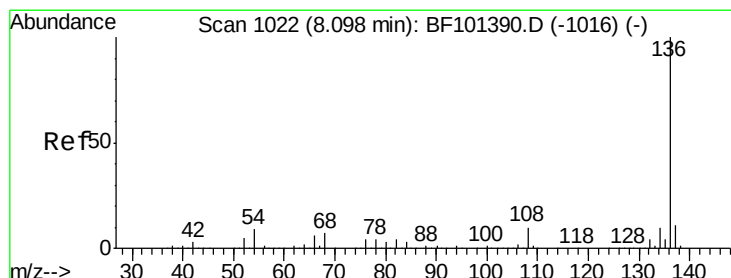
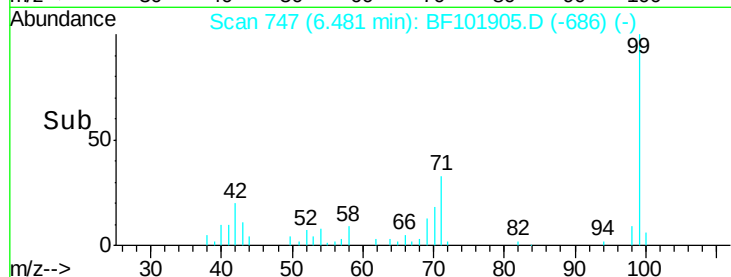
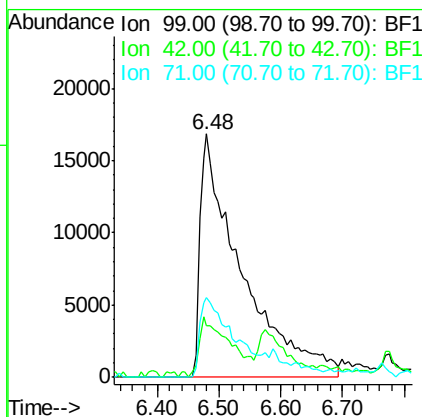
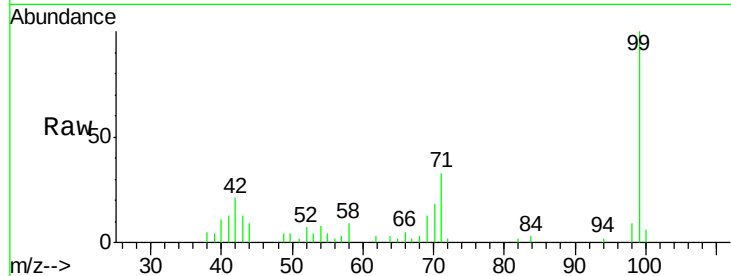
ClientSampled :

B-2(5)

Tot Ion:	99	Resp:	77968
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.5	21.7
71	33.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

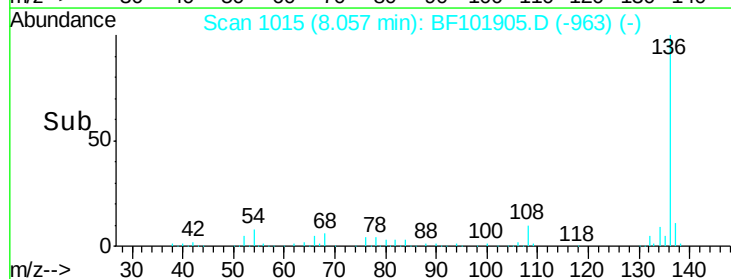
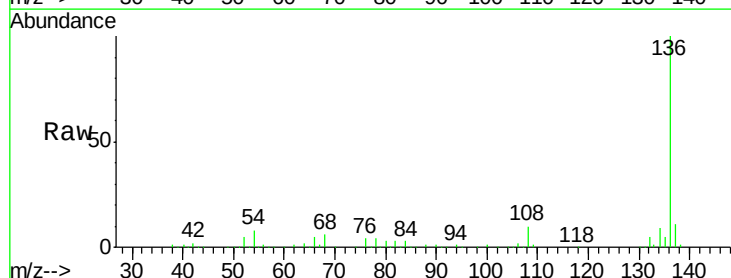
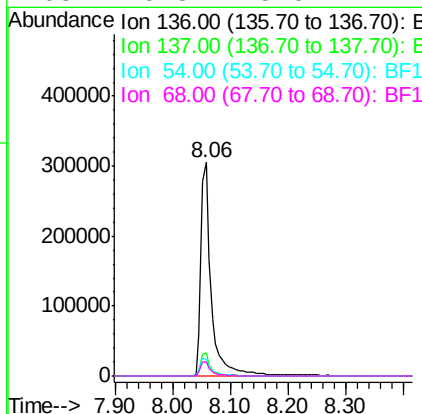
RT: 8.06 min Scan# 1015

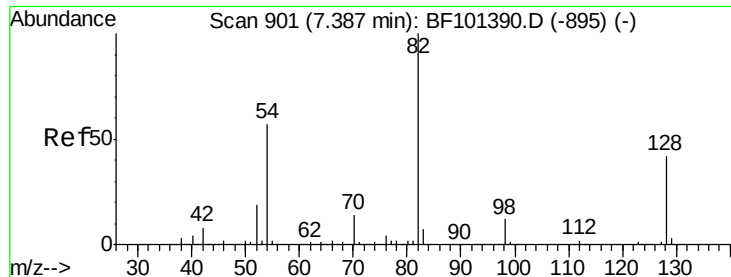
Delta R.T. 0.01 min

Lab File: BF101905.D

Acq: 4 Jan 2018 21:43

Tgt Ion:	136	Resp:	392754
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	6.3	5.0	7.4





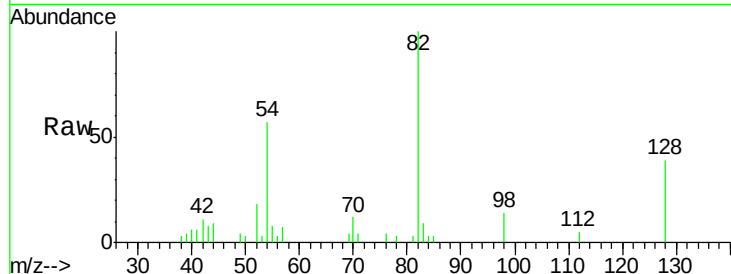
#23
 Nitrobenzene-d5
 Concen: 6.560 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.03 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampled :
 B-2(5)

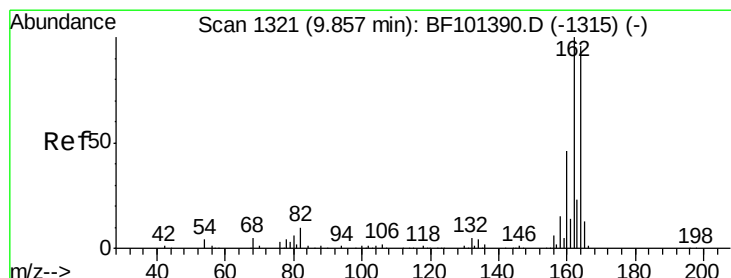
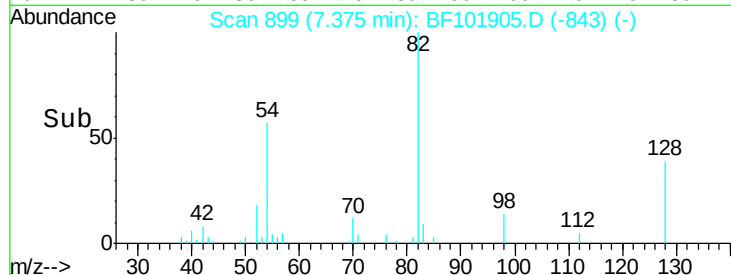
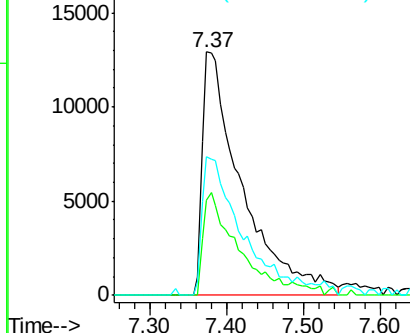
Tot Ion	82	Resp	46284
Ion Ratio	100	Lower	Upper
82	100		
128	39.3	36.1	54.1
54	57.1	41.4	62.2

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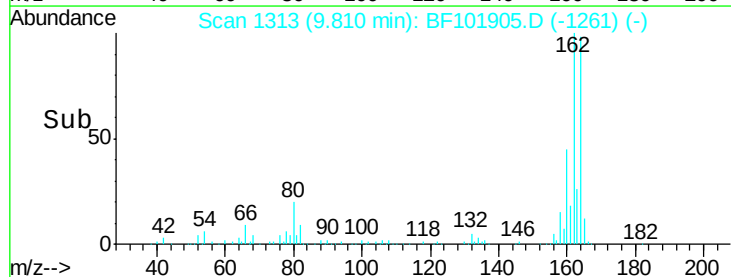
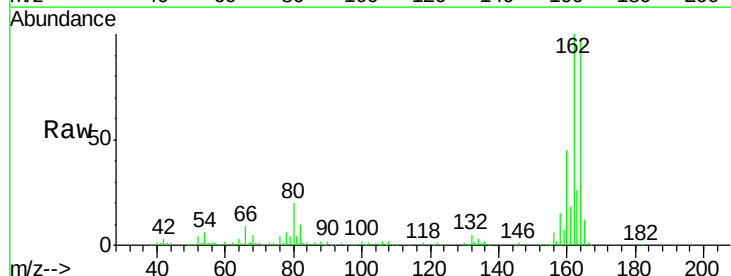
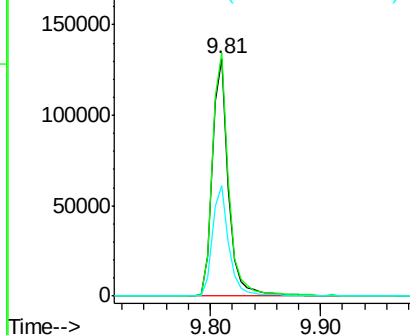
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

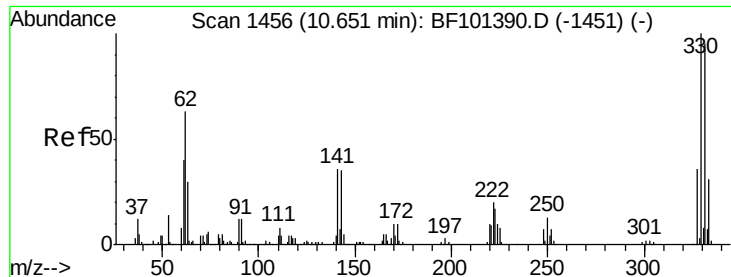


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Tgt Ion	164	Resp	130531
Ion Ratio	100	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.4	38.3	57.5

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





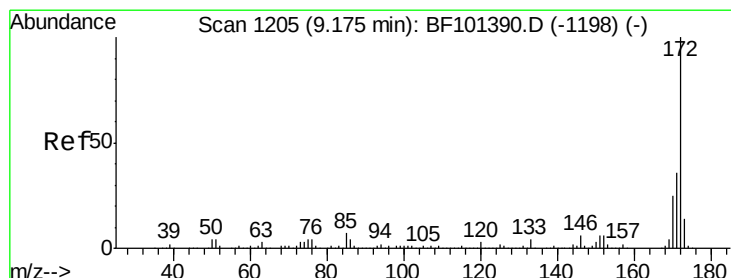
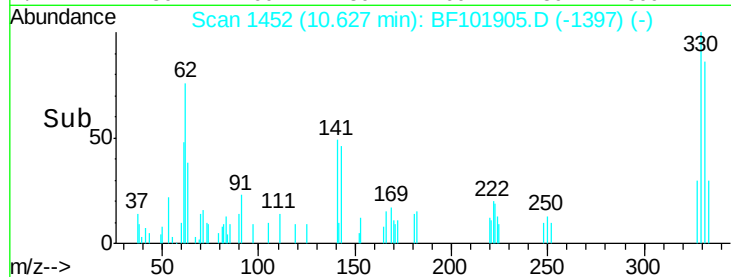
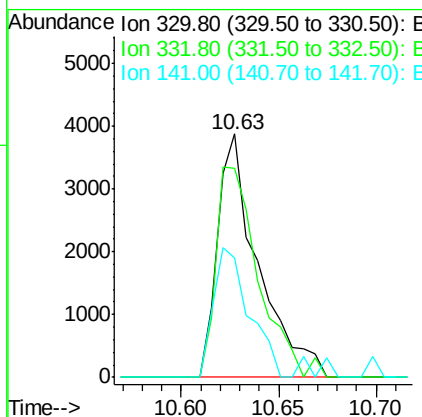
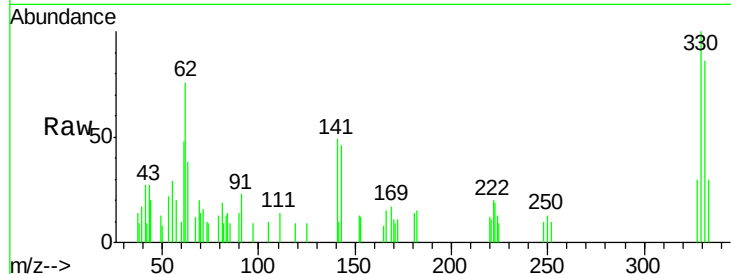
#41
 2,4,6-Tribromophenol
 Concen: 4.422 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.02 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampled :
 B-2(5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.0	77.0	115.6
141	47.2	29.9	44.9

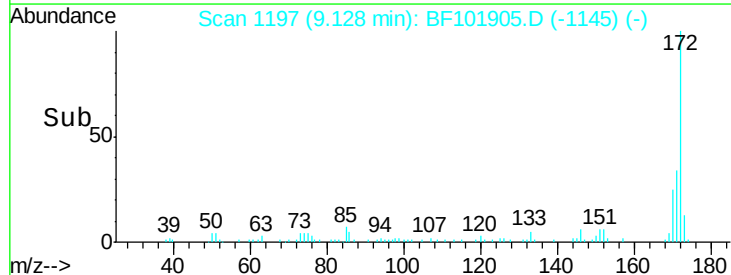
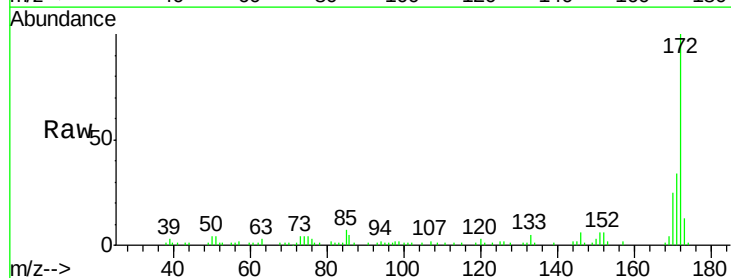
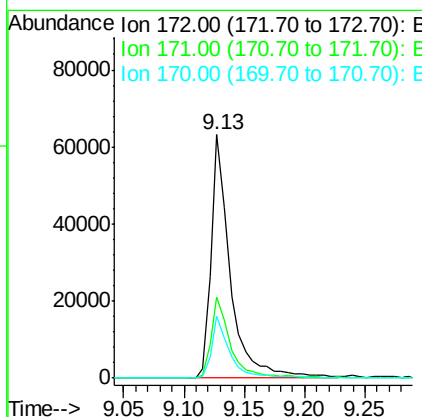
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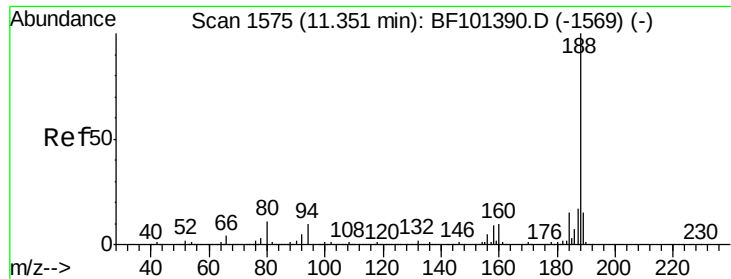
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#44
 2-Fluorobiphenyl
 Concen: 8.258 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.7	44.5
170	25.4	19.6	29.4





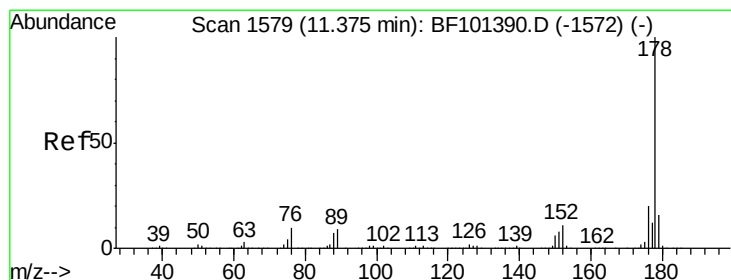
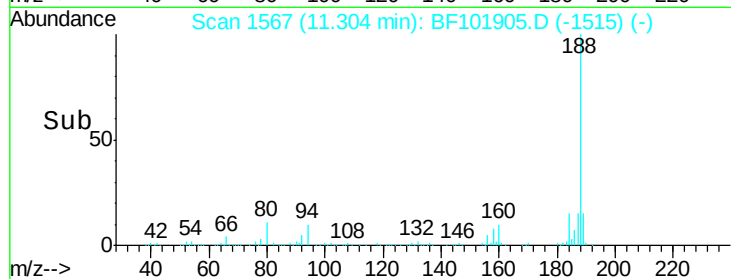
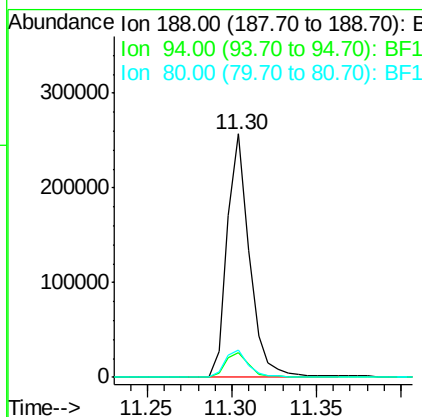
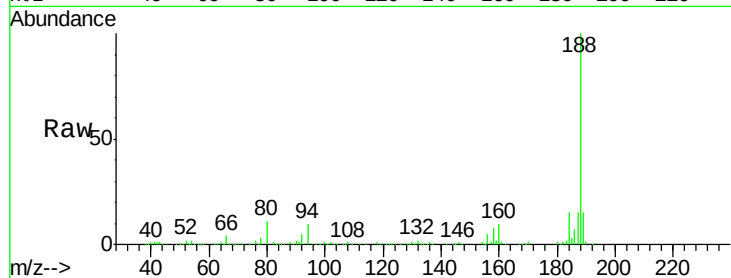
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	237962		
94	9.9		8.5	12.7
80	11.1		9.2	13.8

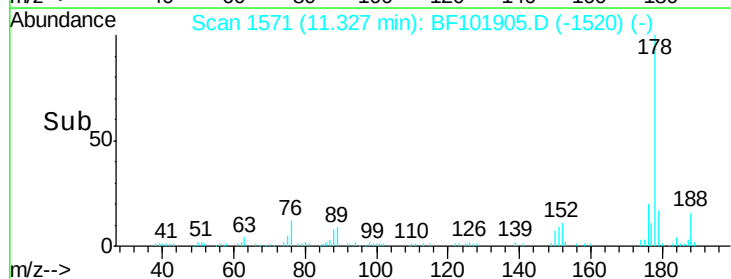
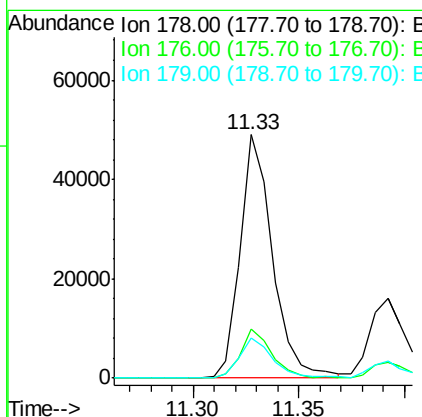
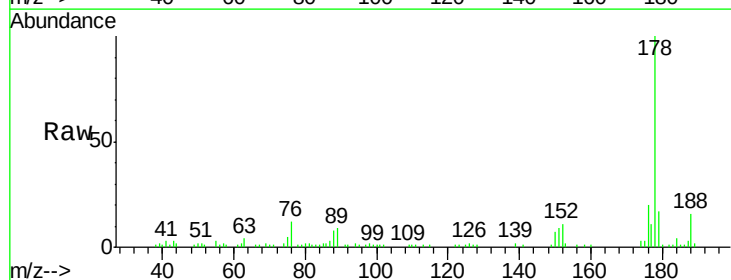
Manual Integrations
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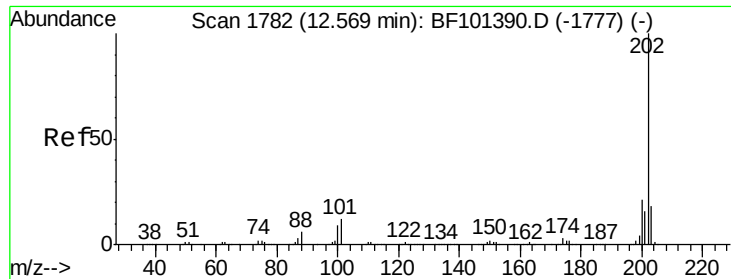
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#70
 Phenanthrene
 Concen: 3.930 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF101905.D
 Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52013		
176	20.3		15.8	23.8
179	16.7		13.0	19.6





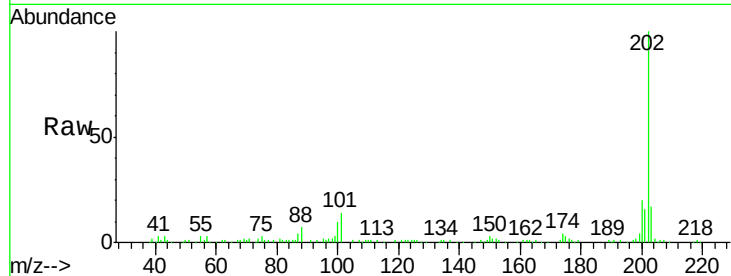
#74
Fluoranthene
Concen: 7.424 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampled :
B-2(5)

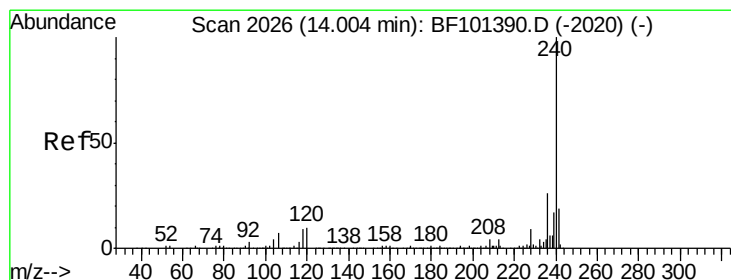
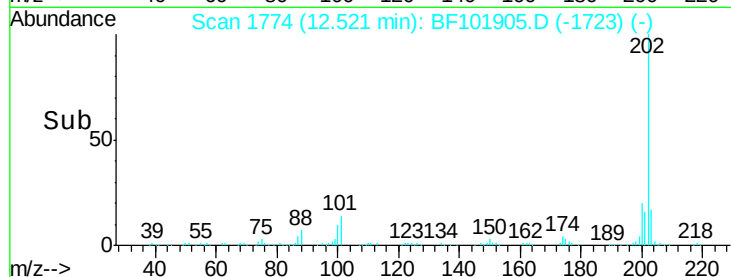
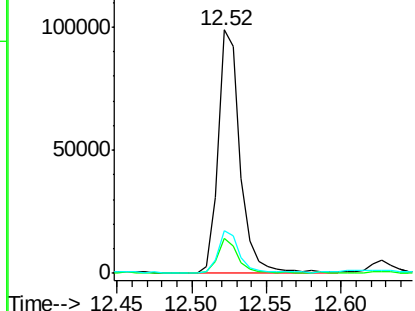
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.3	0.0	38.1

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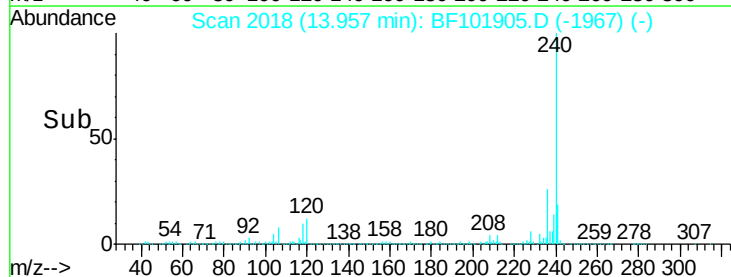
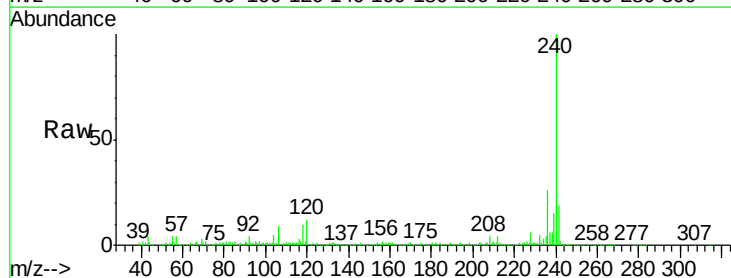
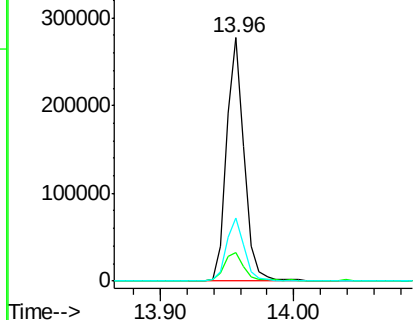
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

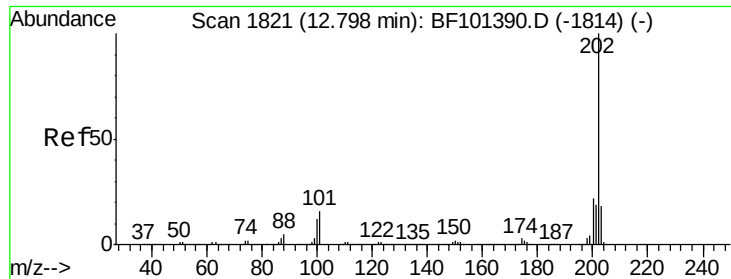


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.9	20.7	31.1

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





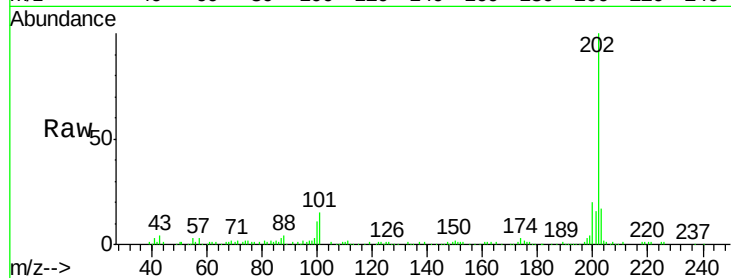
#77
Pvrene
Concen: 5.445 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampled :
B-2(5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.3	14.3	21.5

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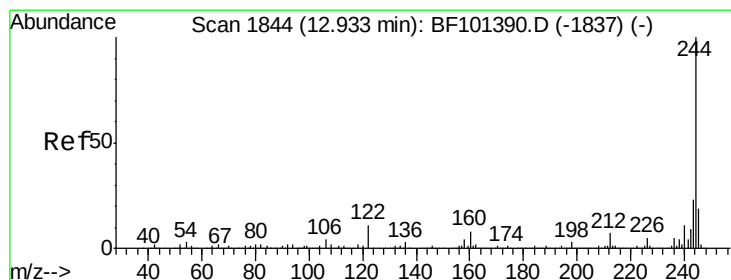
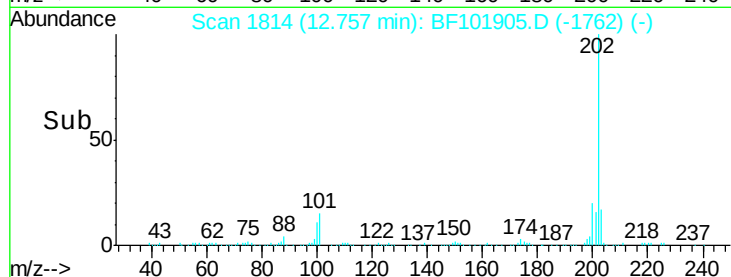
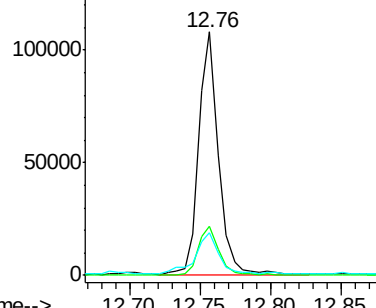


Abundance

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: 6.701 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

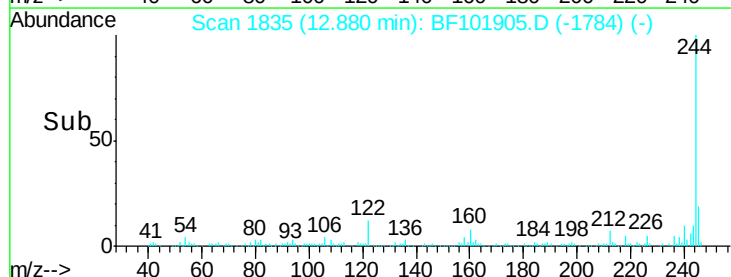
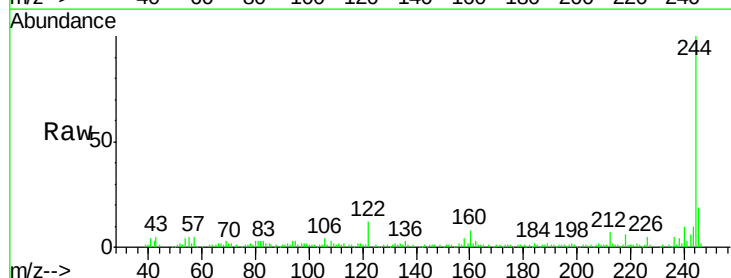
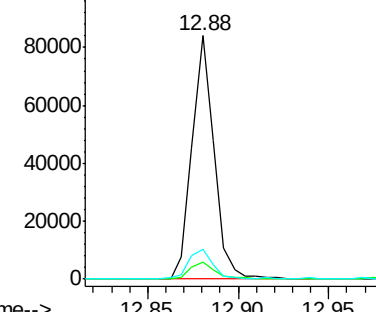
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.3	11.0	16.4

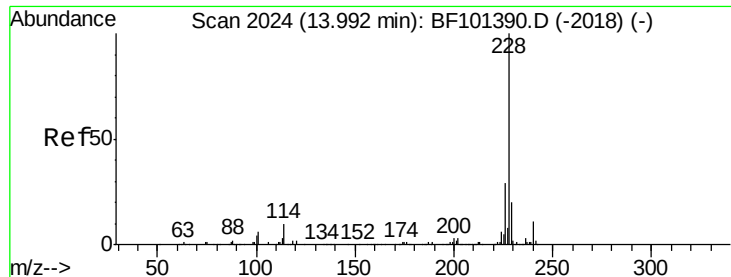
Abundance

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





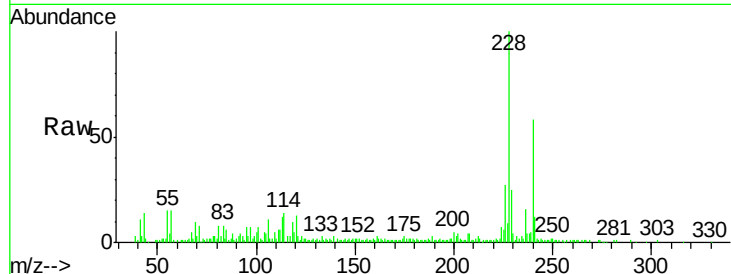
#80
Benzo(a)anthracene
Concen: 3.755 ng m
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampled :
B-2(5)

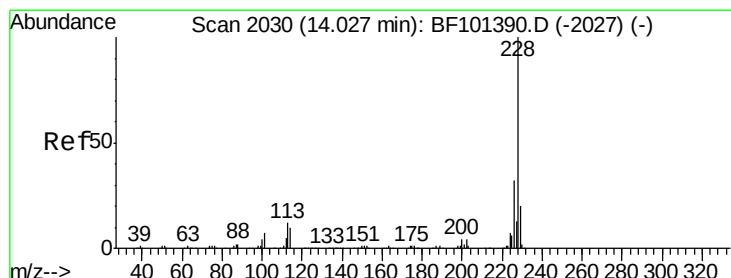
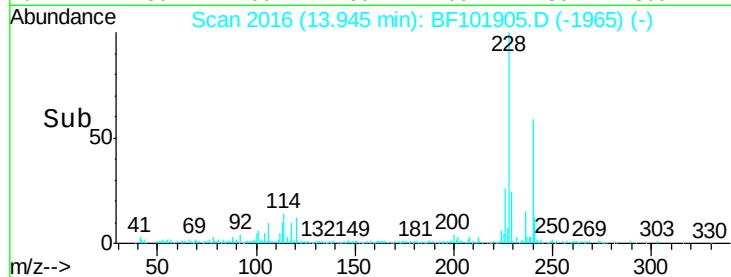
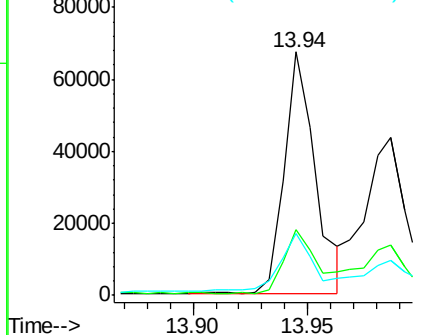
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	25.2	15.8	23.6

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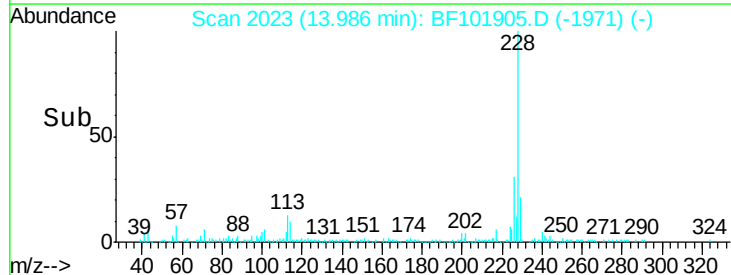
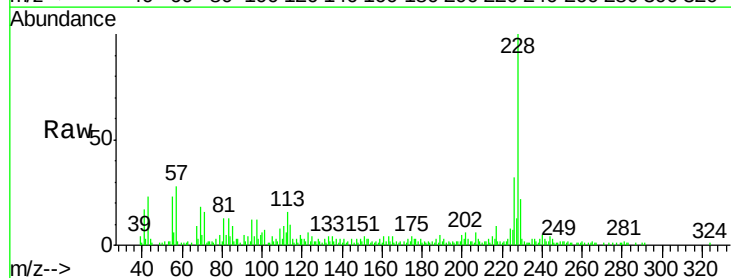
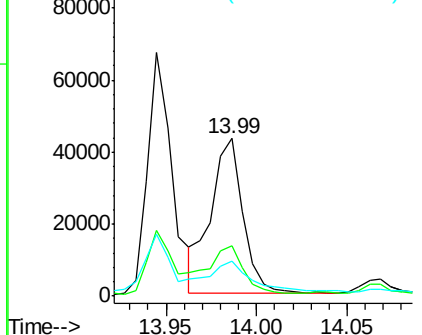
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

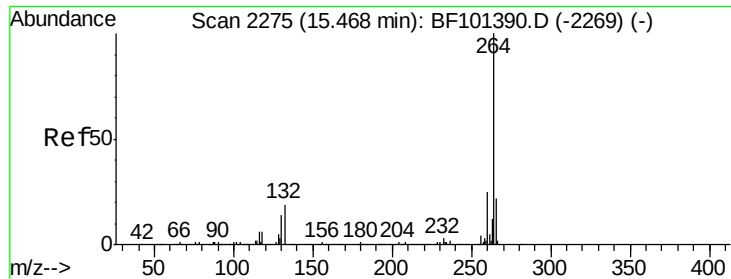


#82
Chrysene
Concen: 3.358 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.3	16.2	24.4

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





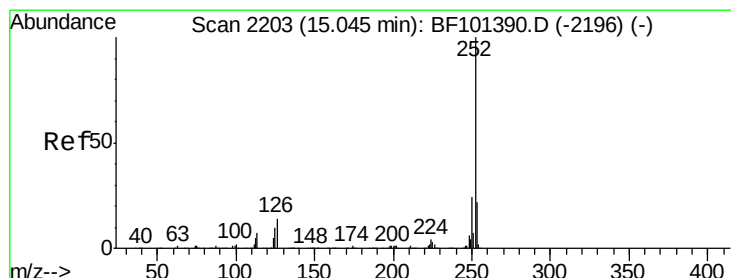
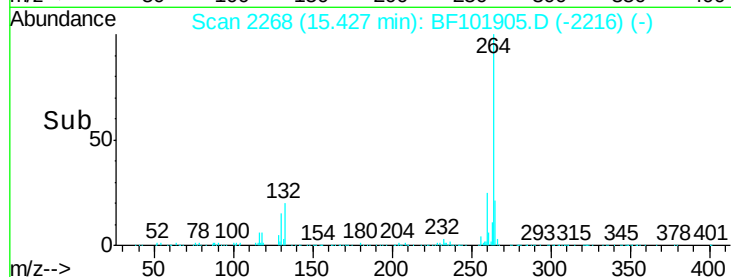
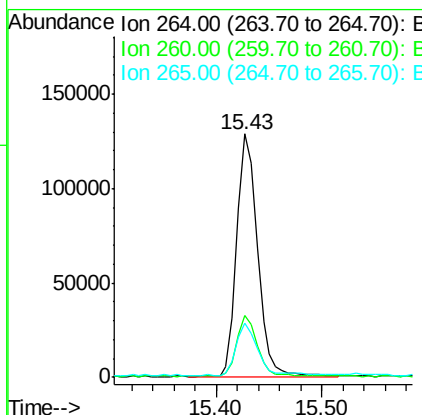
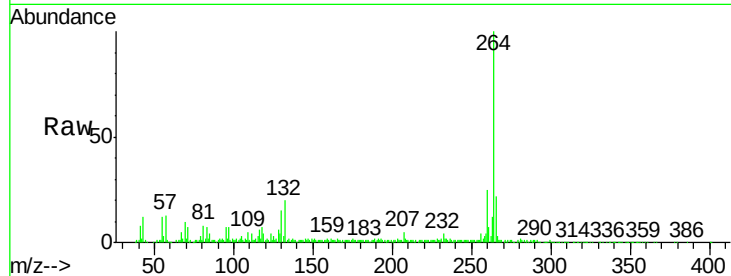
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampleId :
B-2(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.0	17.5	26.3

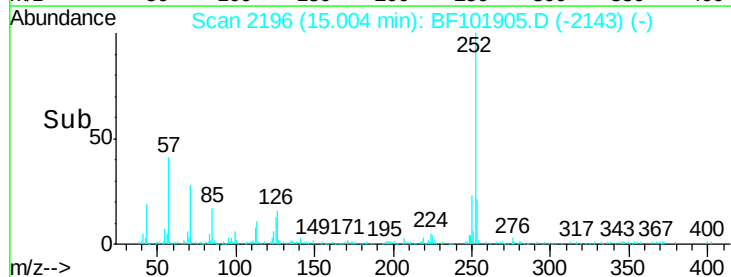
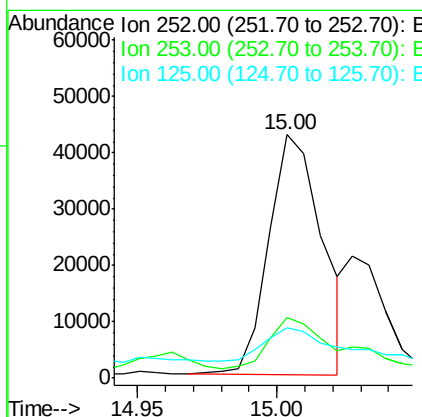
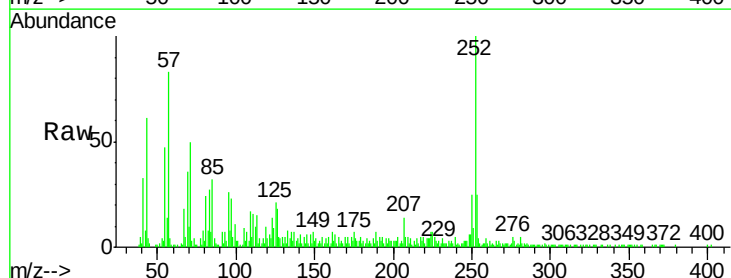
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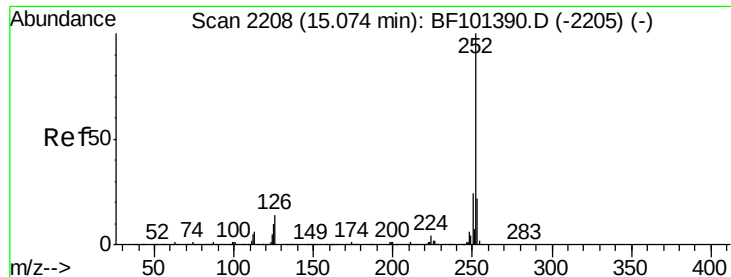
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#87
Benzo(b)fluoranthene
Concen: 5.314 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	20.5	9.0	13.6#





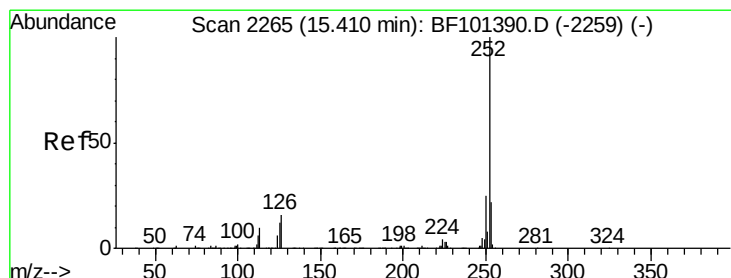
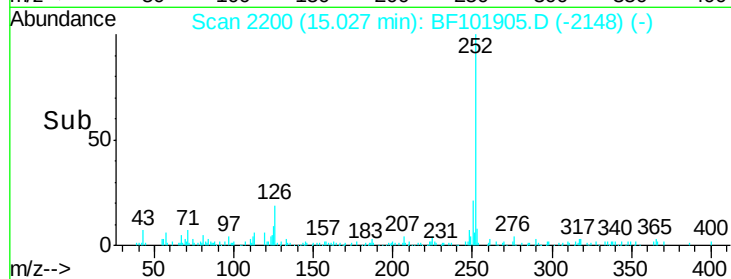
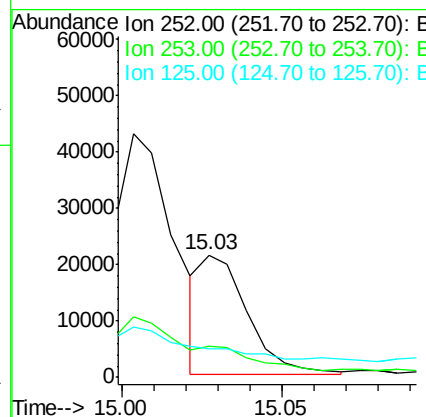
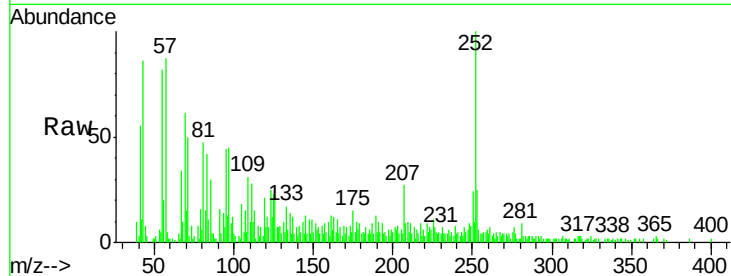
#88
Benzo(k)fluoranthene
Concen: 2.091 ng/mL
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Instrument :
BNA_F
ClientSampled :
B-2(5)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	17.9	26.9
125	23.2	10.2	15.2

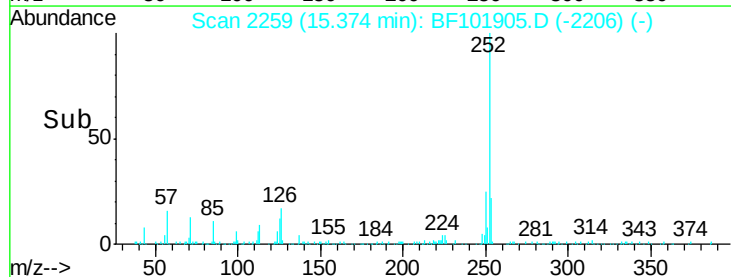
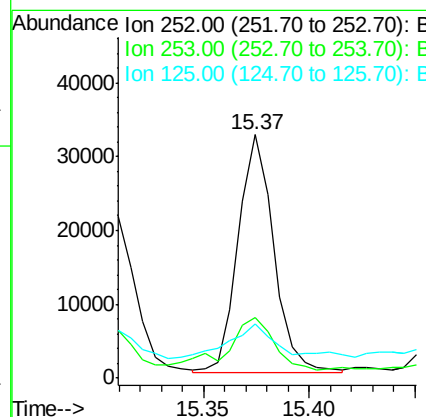
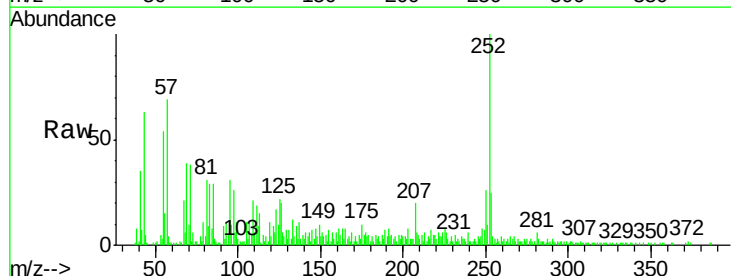
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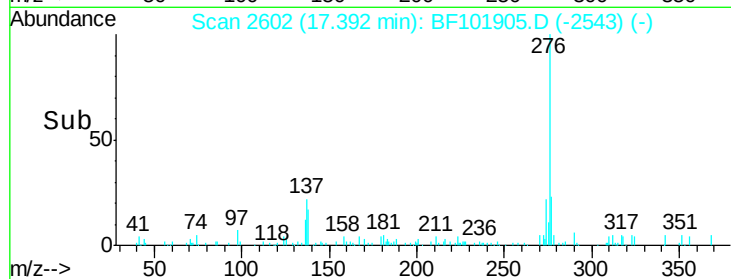
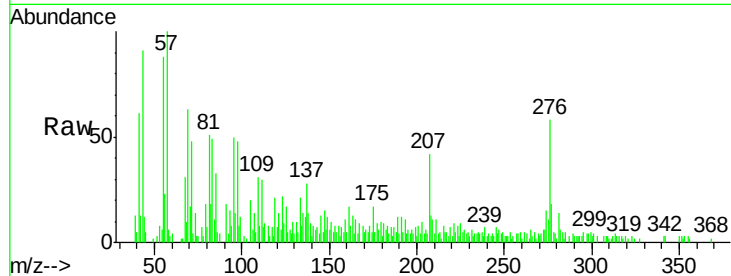
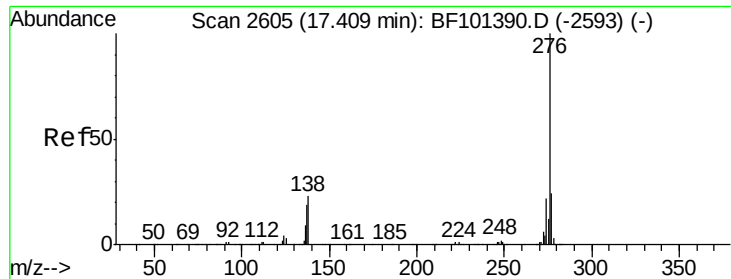
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#89
Benzo(a)pyrene
Concen: 3.845 ng/mL
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101905.D
Acq: 4 Jan 2018 21:43

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.1	25.7
125	22.4	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 2.101 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.05 min

Lab File: BF101905.D

Acq: 4 Jan 2018 21:43

Instrument :

BNA_F

ClientSampleId :

B-2(5)

Tot Ion: 276 Resp: 17490

Ion Ratio Lower Upper

276 100

277 30.5 17.9 26.9#

138 24.1 21.8 32.8

Manual Integrations
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