

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102575.D
 Acq On : 28 Jan 2018 23:18
 Operator : SJ/JU
 Sample : J1290-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-0-2.0

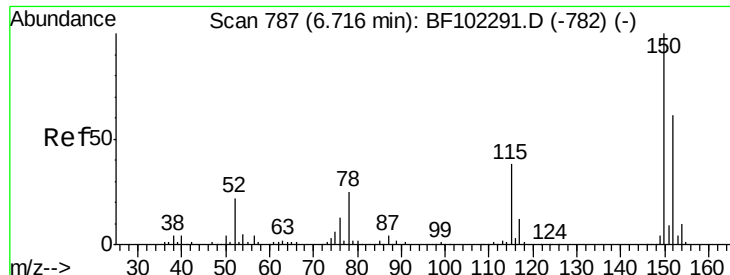
Manual Integrations
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Quant Time: Jan 29 05:49:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	191594	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	750594	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287575	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	364137	20.00	ng	0.00
75) Chrysene-d12	13.88	240	296340	20.00	ng	0.00
86) Perylene-d12	15.31	264	189442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1149519	90.97	ng	0.01
7) Phenol-d6	6.37	99	1389584	91.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	841129	64.40	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	181448	63.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1037415	53.04	ng	0.00
78) Terphenyl-d14	12.82	244	627667	47.75	ng	0.00
Target Compounds						
10) Phenol	6.37	94	45942	2.762	ng	84
49) Dimethylphthalate	9.47	163	153847	6.472	ng	99
70) Phenanthrene	11.26	178	154011	7.258	ng	97
74) Fluoranthene	12.45	202	239465	11.067	ng	96
77) Pyrene	12.68	202	216901	9.467	ng	97
80) Benzo(a)anthracene	13.87	228	103958m	5.698	ng	
82) Chrysene	13.90	228	101752m	5.492	ng	
87) Benzo(b)fluoranthene	14.90	252	80754m	6.577	ng	
88) Benzo(k)fluoranthene	14.92	252	30496m	2.629	ng	
89) Benzo(a)pyrene	15.25	252	53974	4.874	ng	# 90
91) Benzo(g,h,i)perylene	17.14	276	26509	2.993	ng	# 94

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



#1

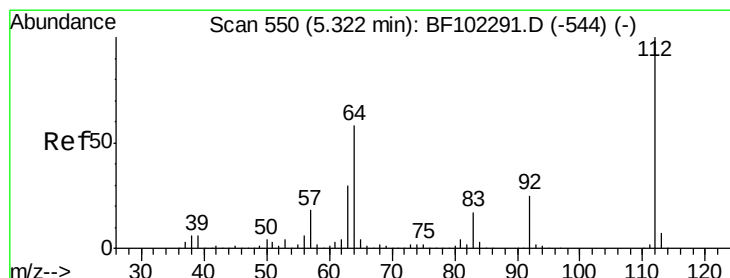
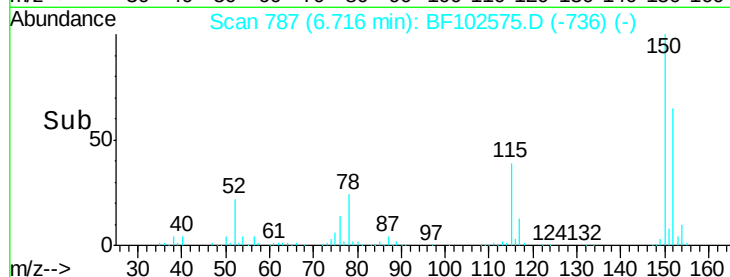
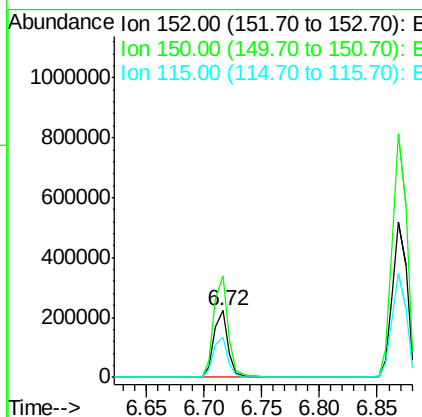
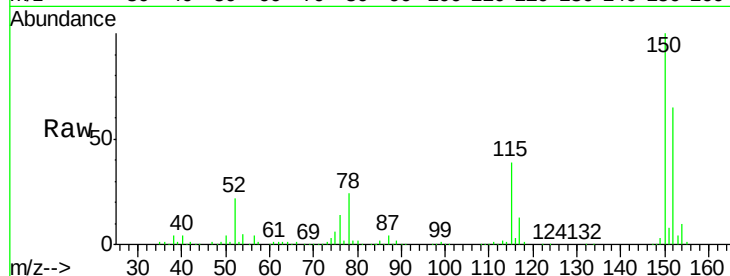
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampled :
SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	60.5	50.1	75.1

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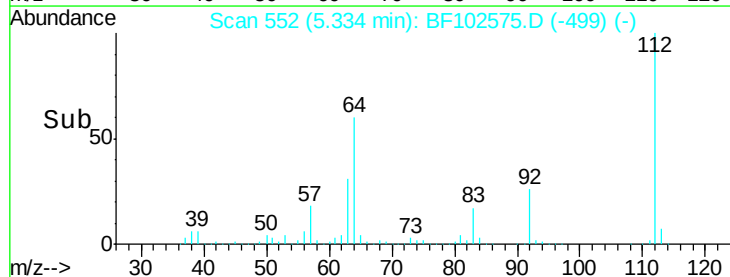
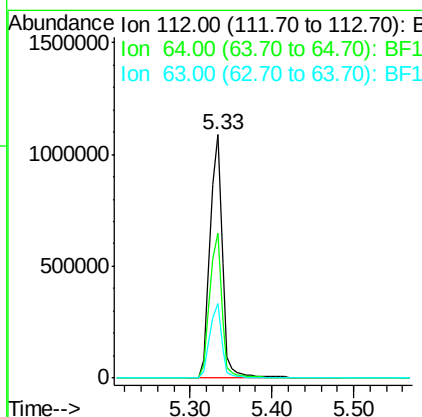
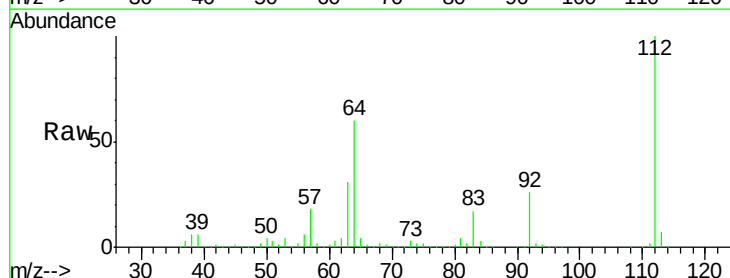
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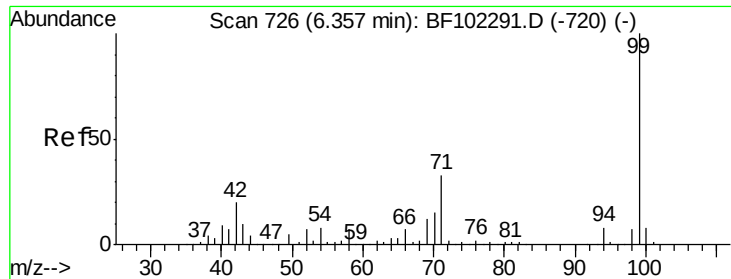


#5

2-Fluorophenol
Concen: 90.972 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 91.217 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

Instrument :

BNA_F

ClientSampleId :

SB-46-0-2.0

Tot Ion: 99 Resp: 1389584

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

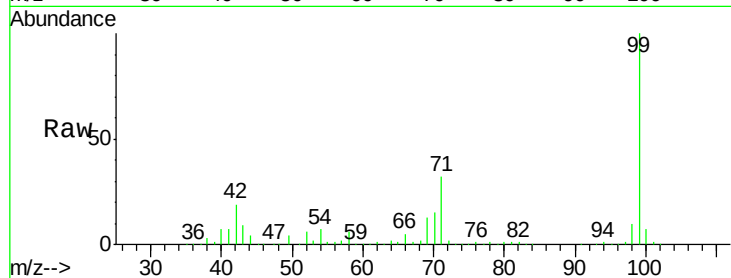
71 32.1 25.4 38.0

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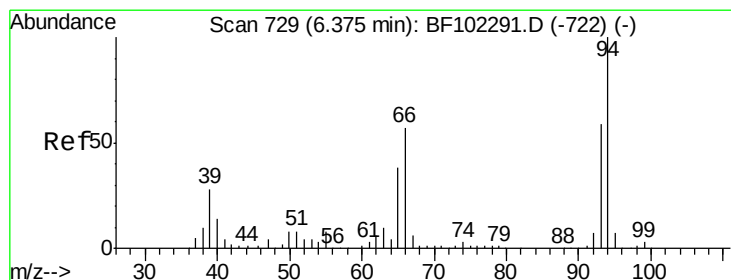
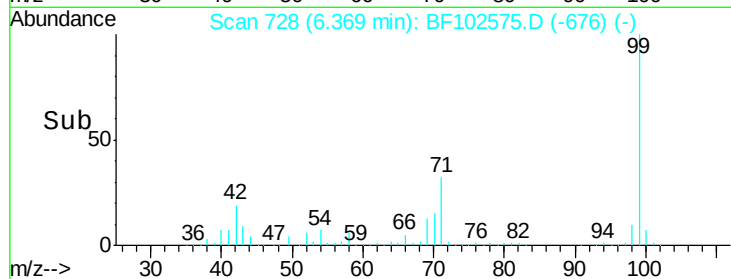
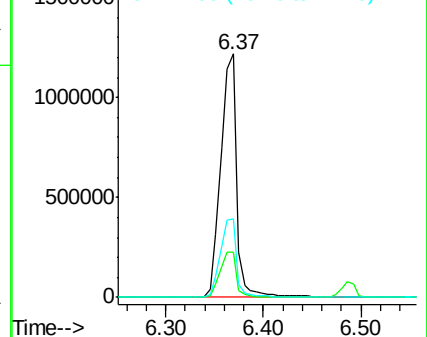
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.762 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

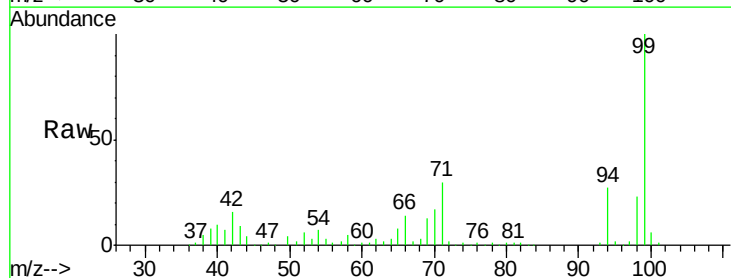
Tgt Ion: 94 Resp: 45942

Ion Ratio Lower Upper

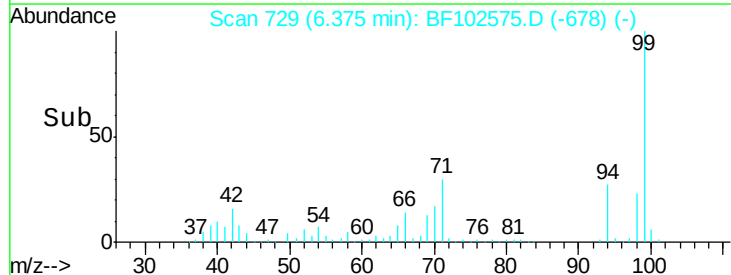
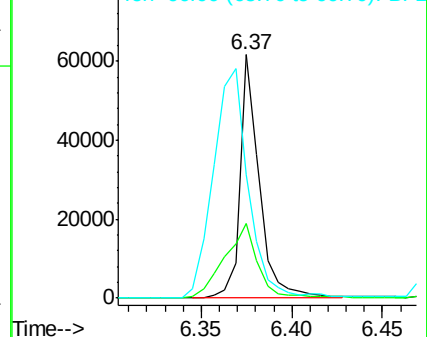
94 100

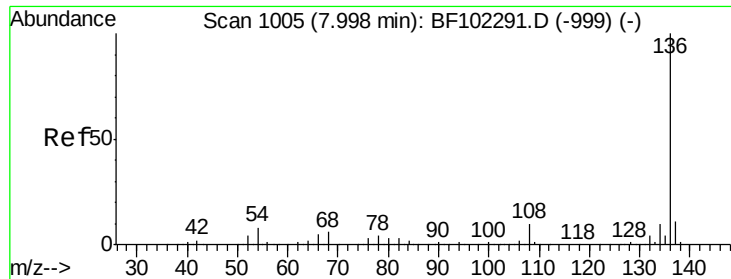
65 30.8 7.9 47.9

66 50.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





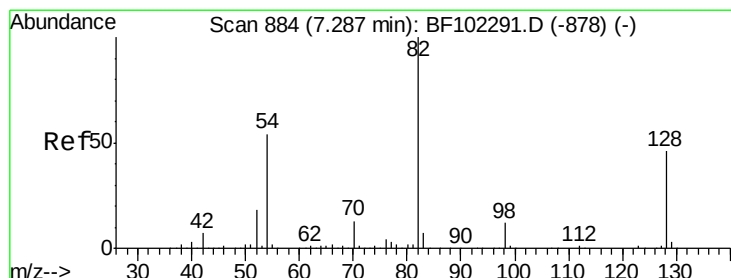
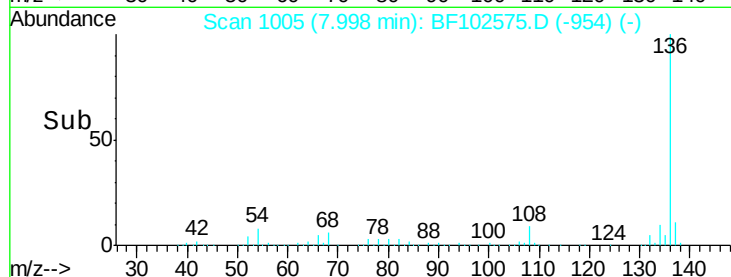
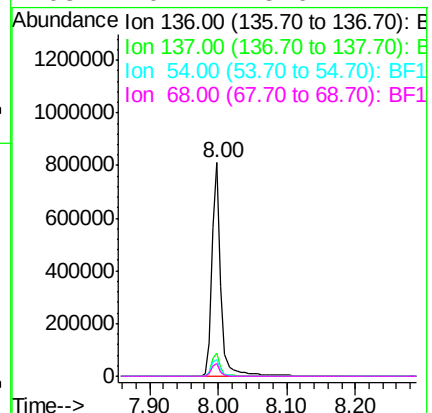
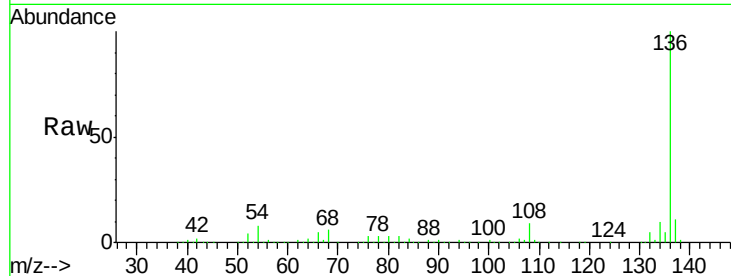
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	6.1	5.0	7.4

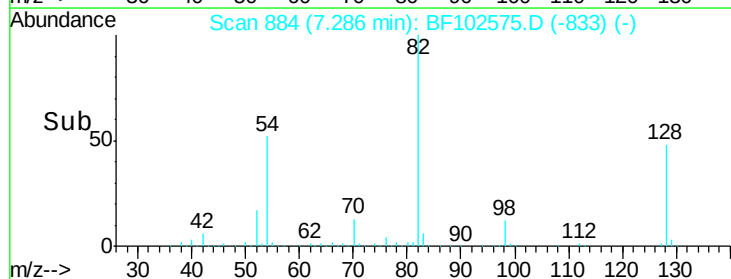
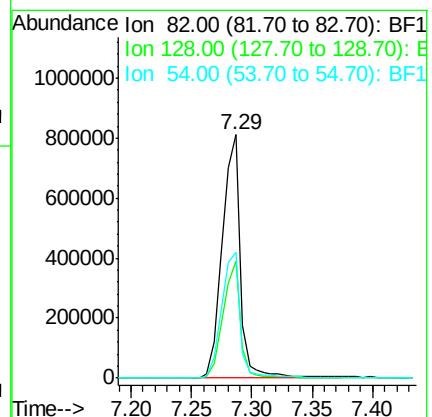
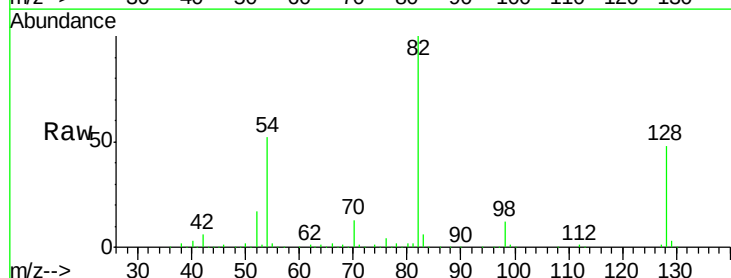
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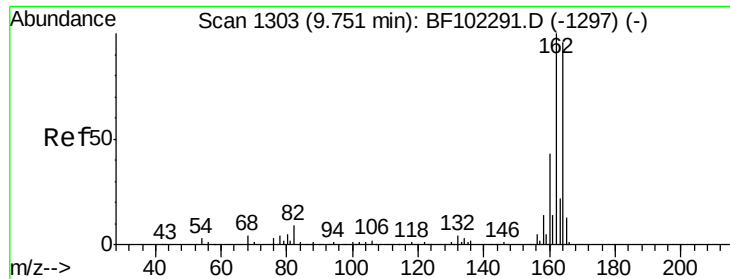
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#23
Nitrobenzene-d5
Concen: 64.398 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	51.7	41.4	62.2





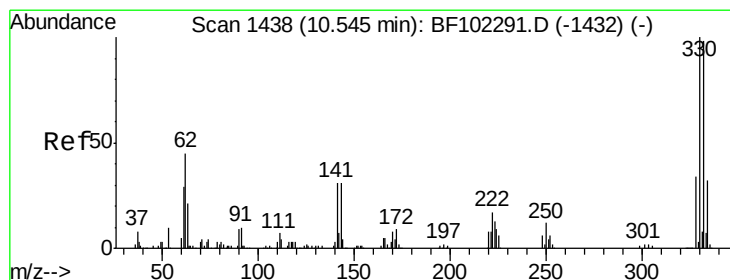
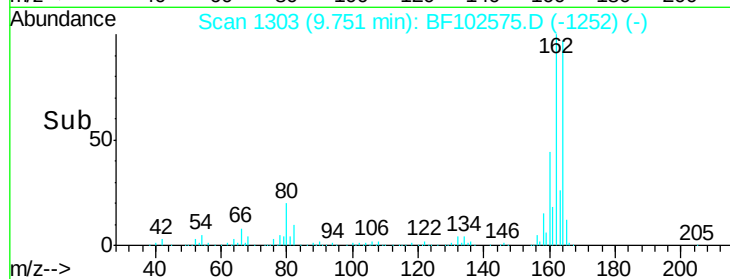
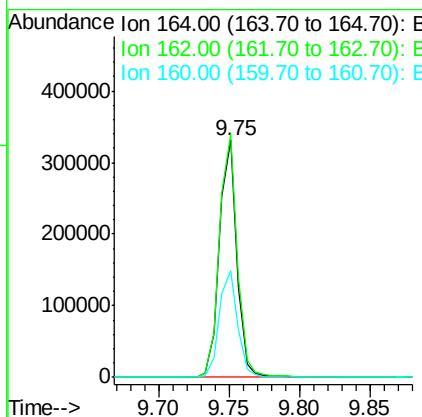
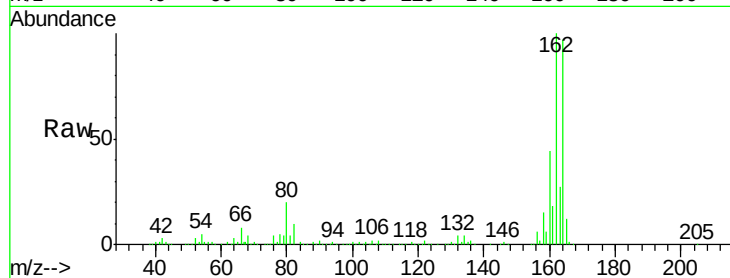
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102575.D
 Acq: 28 Jan 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	86.1	129.1	
160	44.8	38.3	57.5	

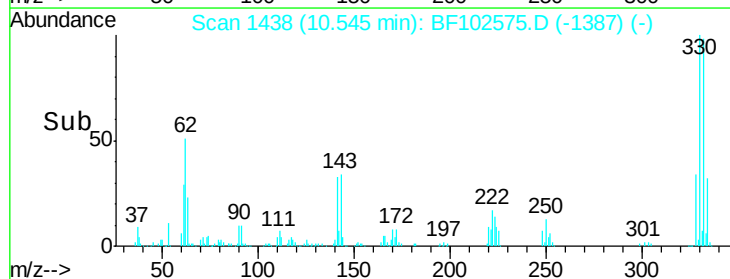
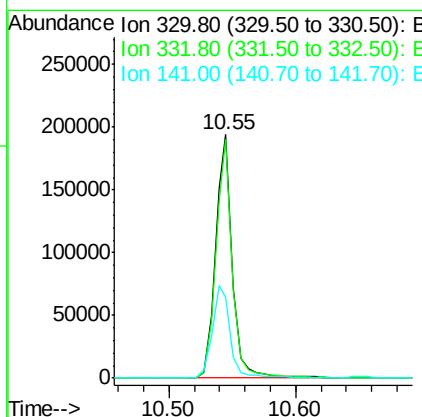
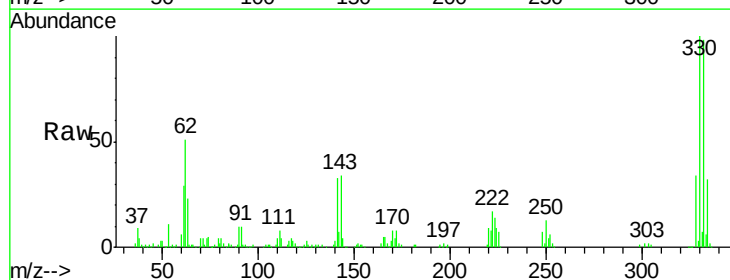
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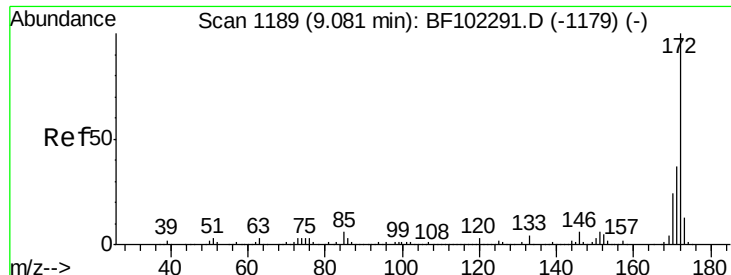
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#41
 2,4,6-Tribromophenol
 Concen: 63.678 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102575.D
 Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	41.2	29.9	44.9	





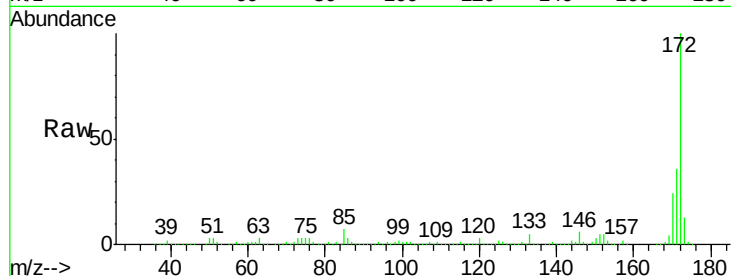
#44
2-Fluorobiphenyl
Concen: 53.042 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

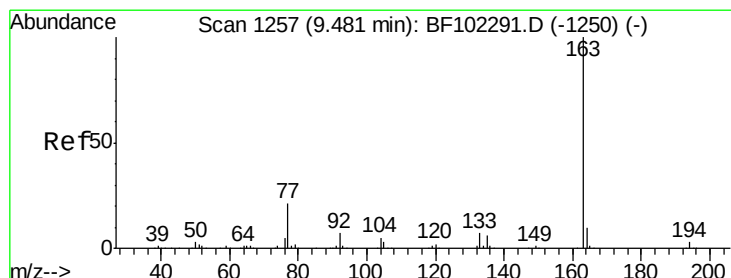
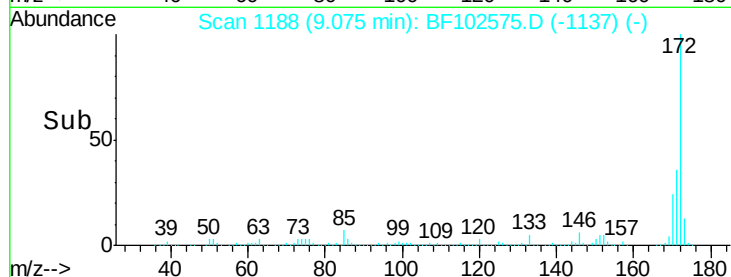
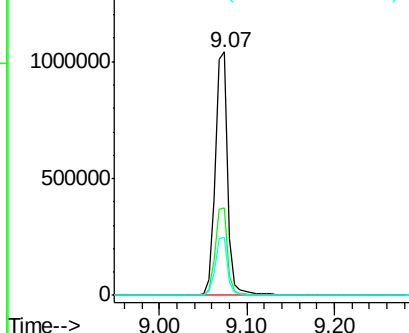
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

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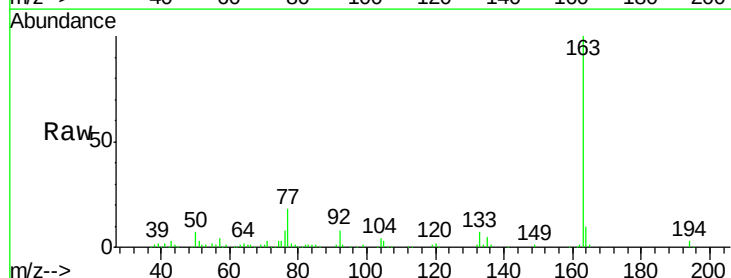


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

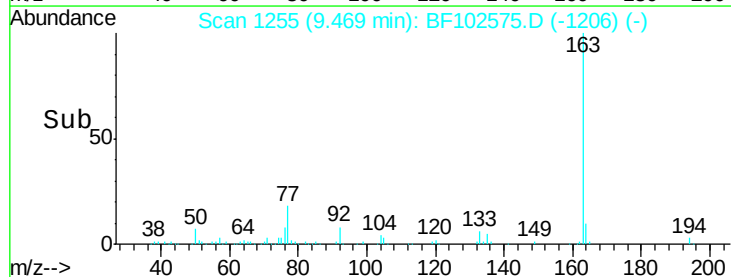
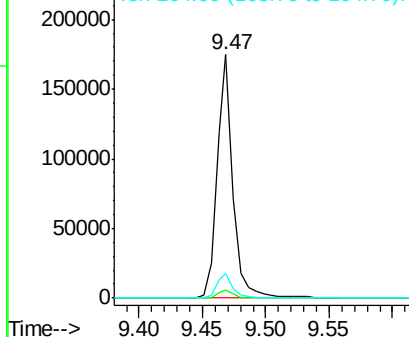


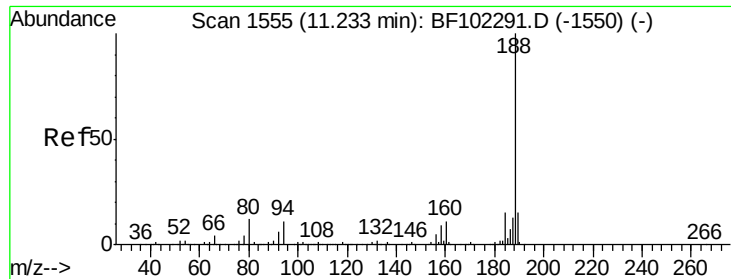
#49
Dimethylphthalate
Concen: 6.472 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





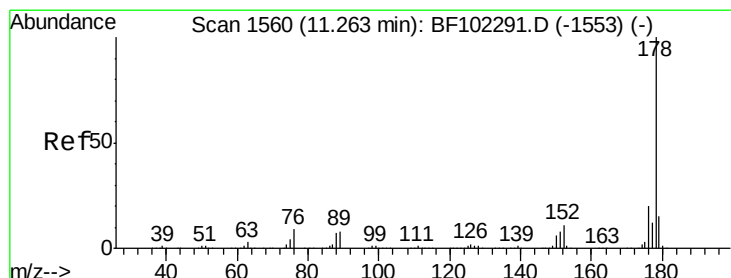
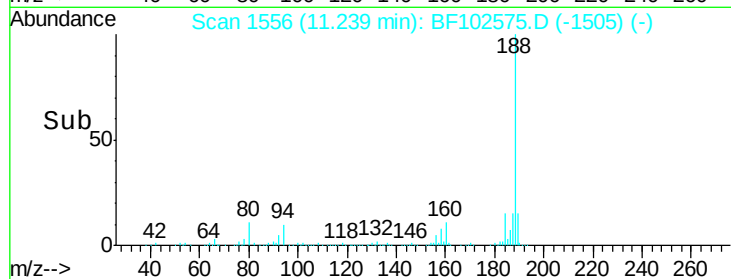
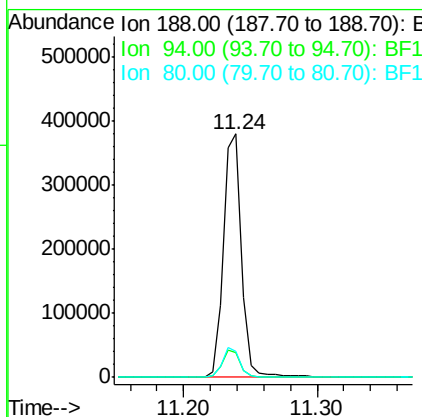
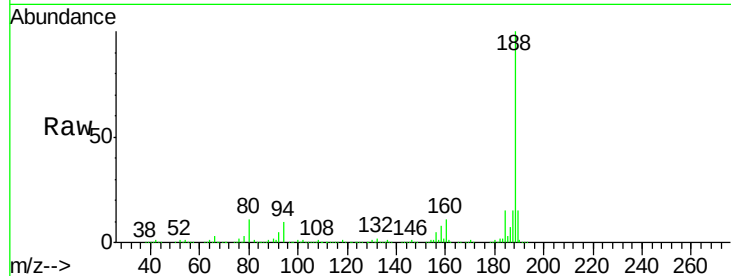
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

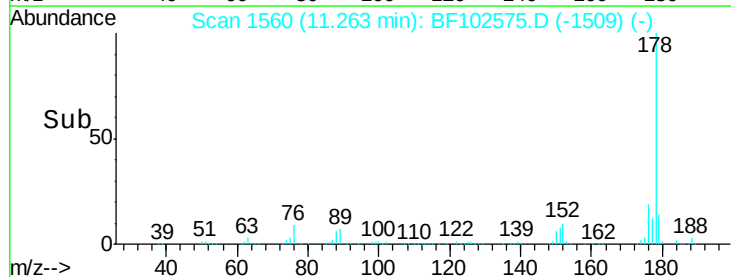
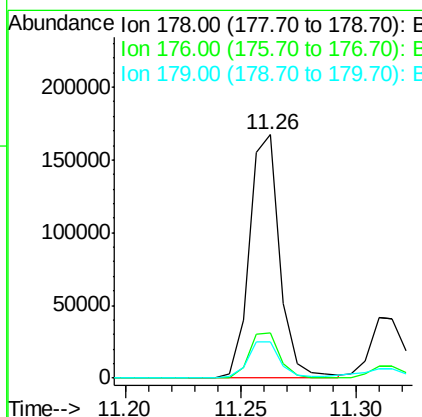
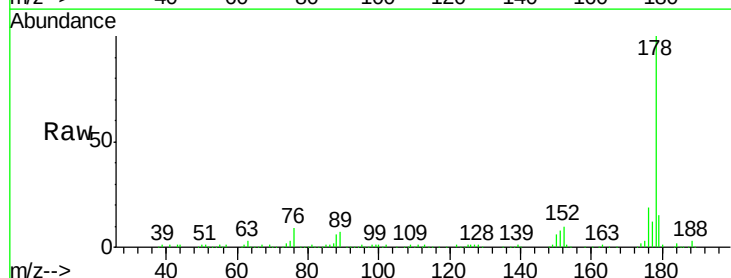
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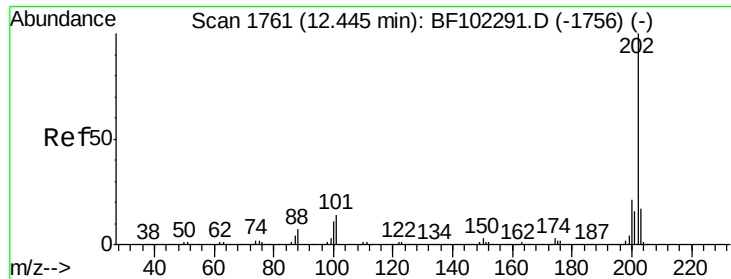
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#70
Phenanthrene
Concen: 7.258 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	13.0	19.6





#74

Fluoranthene

Concen: 11.067 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

Instrument :

BNA_F

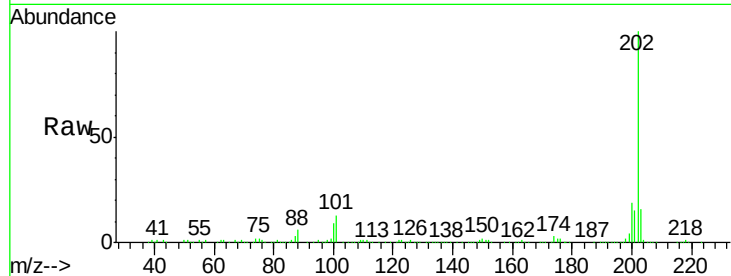
ClientSampleId :

SB-46-0-2.0

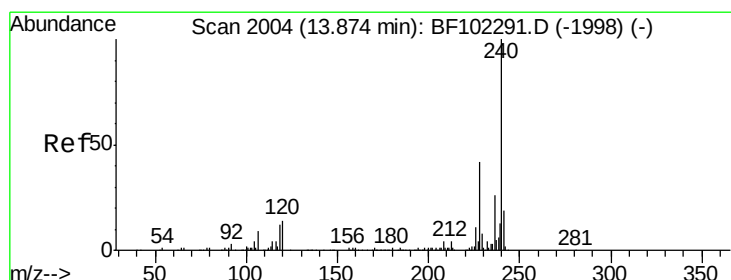
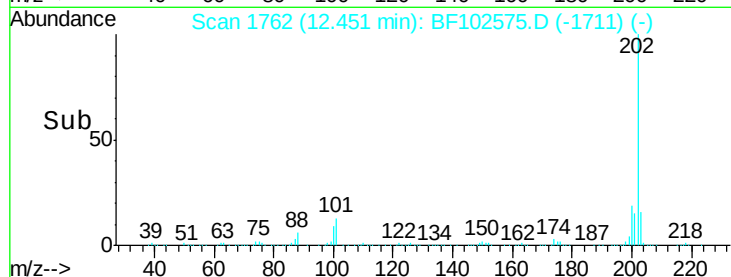
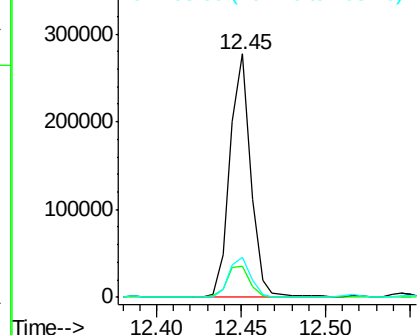
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.4	0.0	38.1

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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

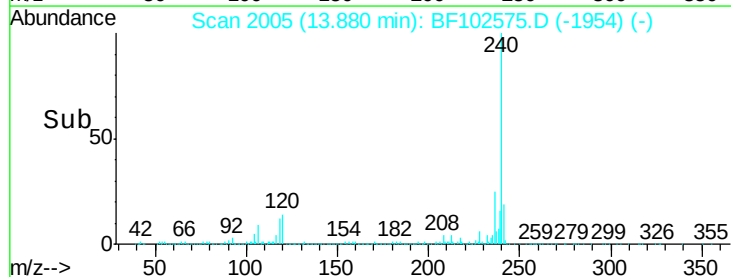
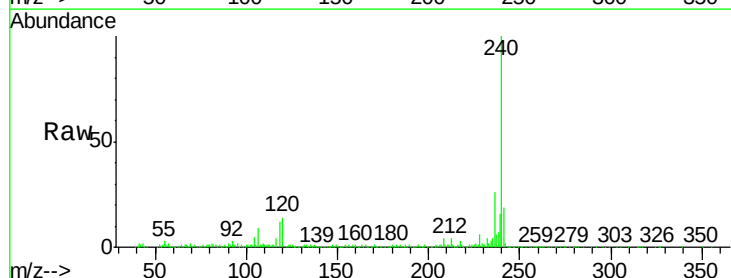
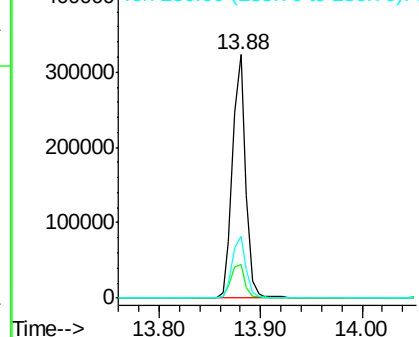
Delta R.T. -0.00 min

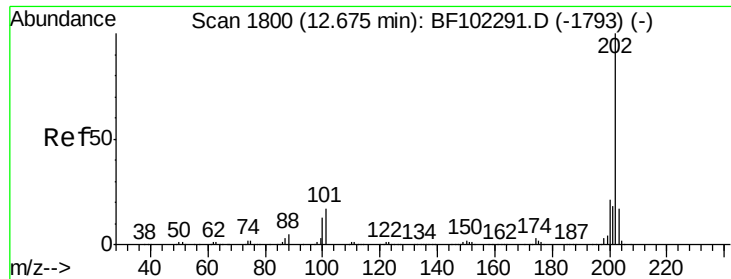
Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.6	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





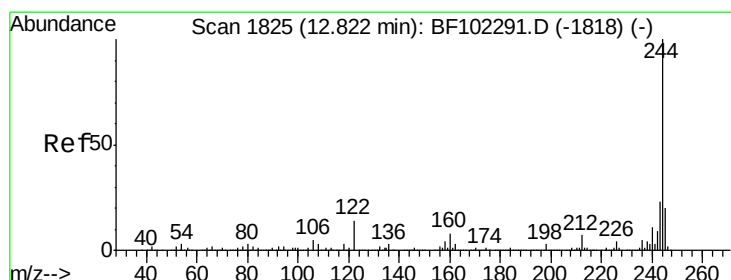
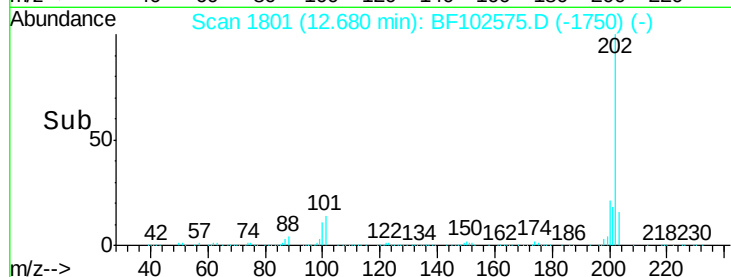
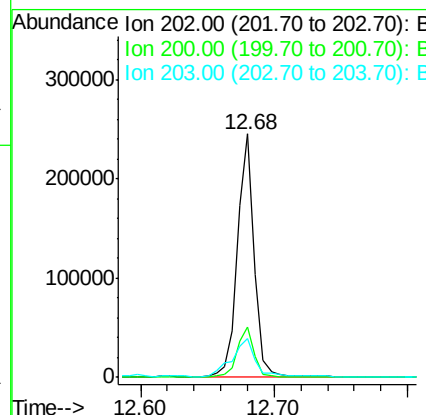
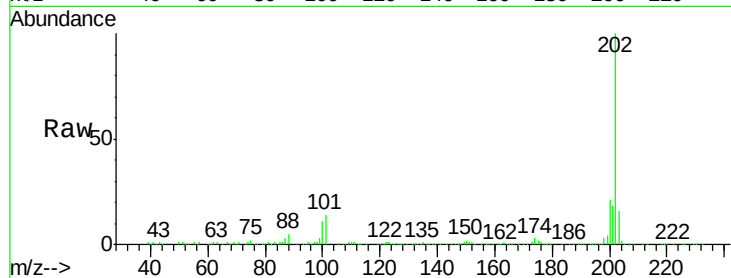
#77
Pvrene
Concen: 9.467 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	16.0	14.3	21.5

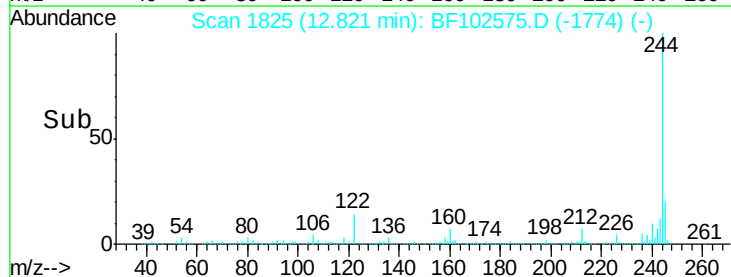
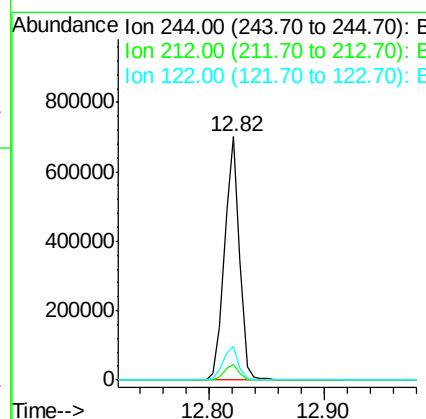
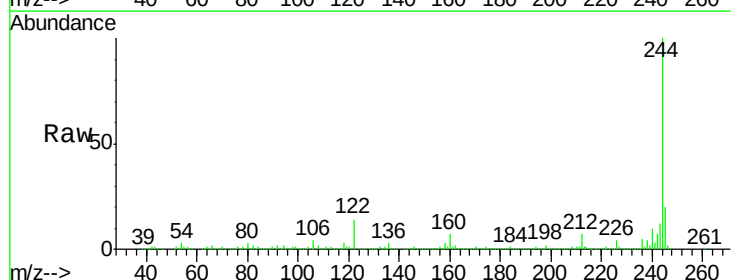
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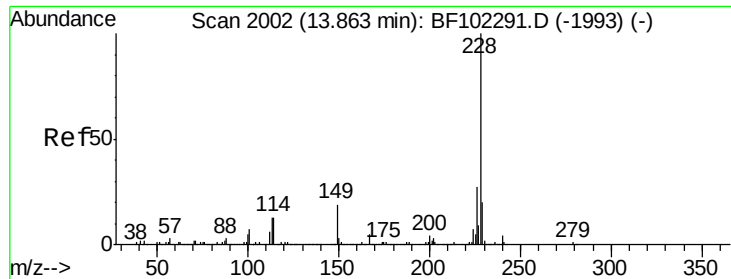
Sohil
1/29/2018 5:48:37 PM



#78
Terphenyl-d14
Concen: 47.749 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4





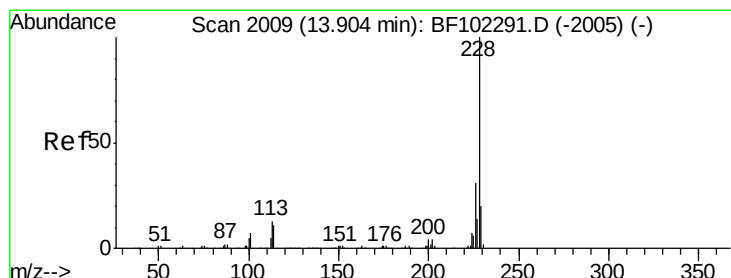
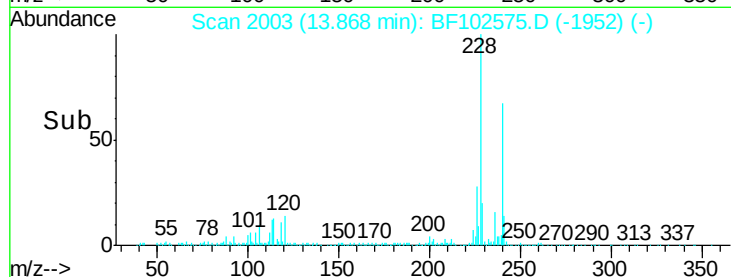
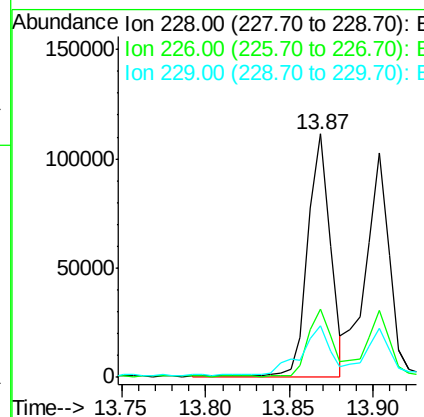
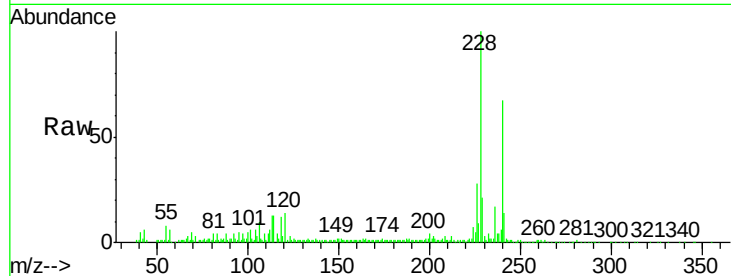
#80
Benzo(a)anthracene
Concen: 5.698 ng m
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.0	15.8	23.6

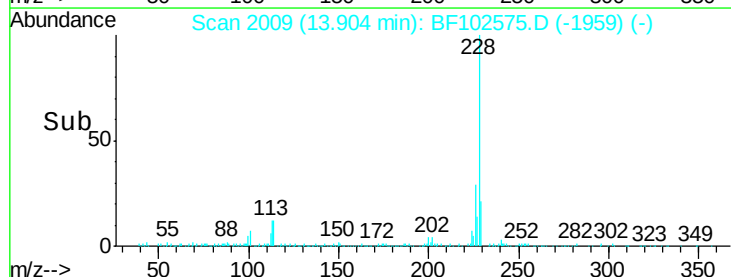
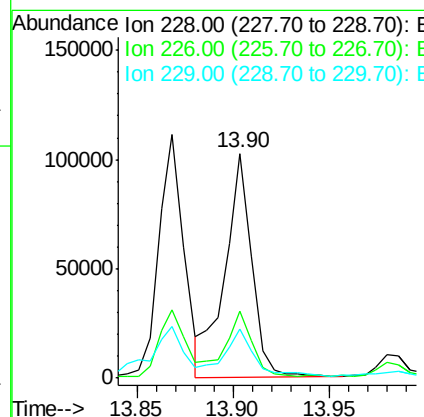
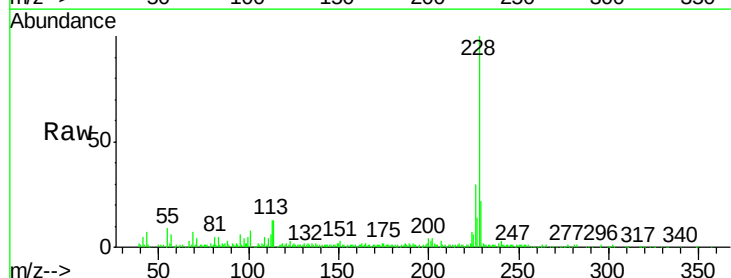
Manual Integrations
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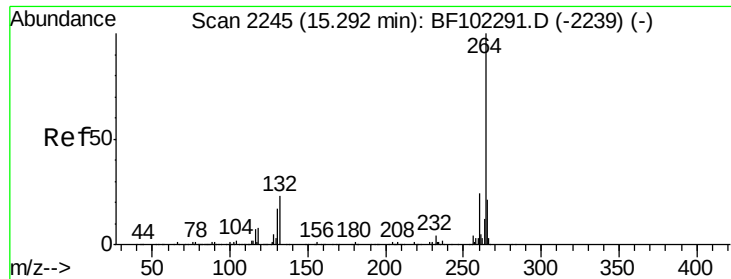
Sohil
1/29/2018 5:48:37 PM



#82
Chrysene
Concen: 5.492 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	22.1	16.2	24.4





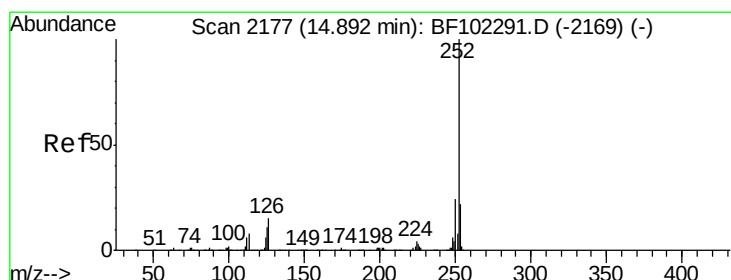
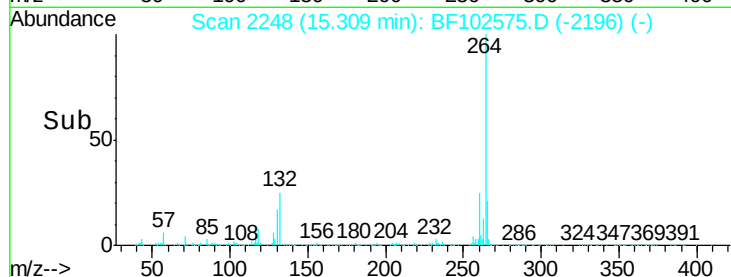
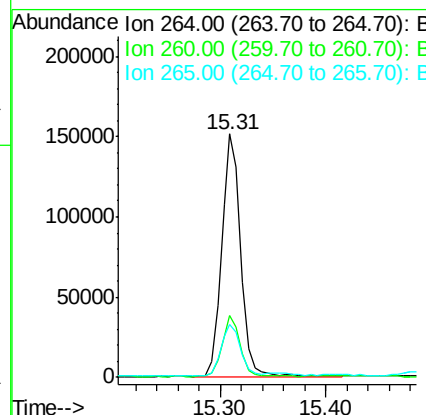
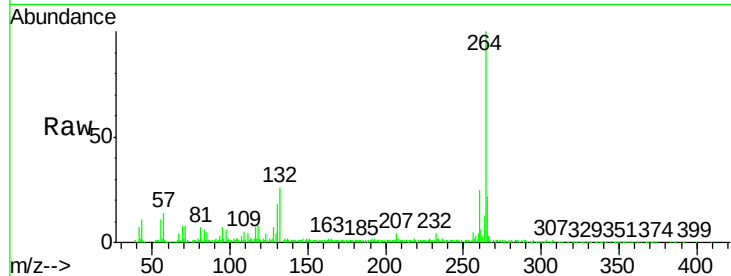
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Instrument :
BNA_F
ClientSampleId :
SB-46-0-2.0

Tot Ion:	264	Resp:	189442
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	21.7	17.5	26.3

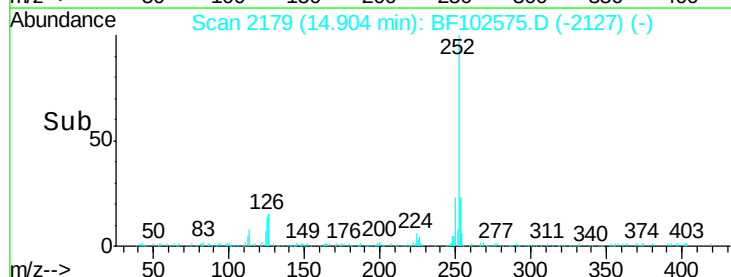
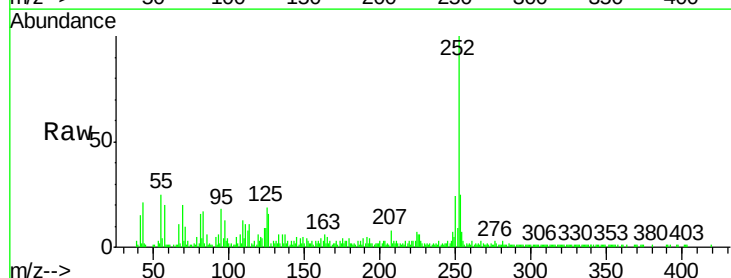
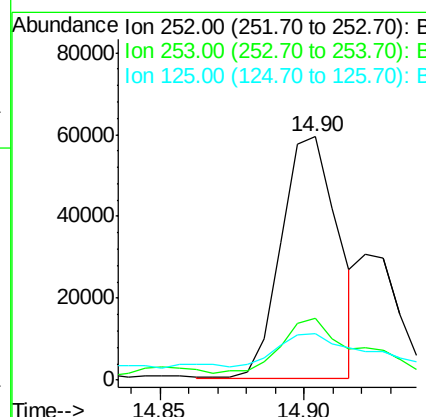
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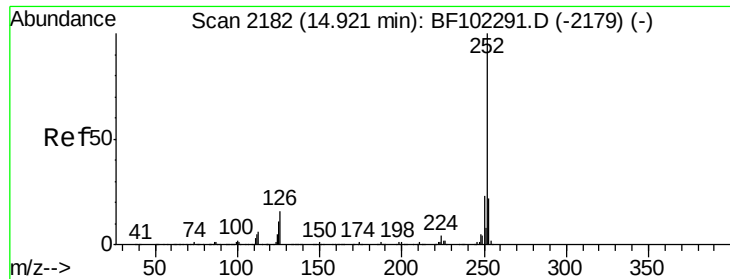
Sohil
1/29/2018 5:48:37 PM



#87
Benzo(b)fluoranthene
Concen: 6.577 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102575.D
Acq: 28 Jan 2018 23:18

Tgt Ion:	252	Resp:	80754
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.0	25.6
125	18.9	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.629 ng/mL

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

Instrument :

BNA_F

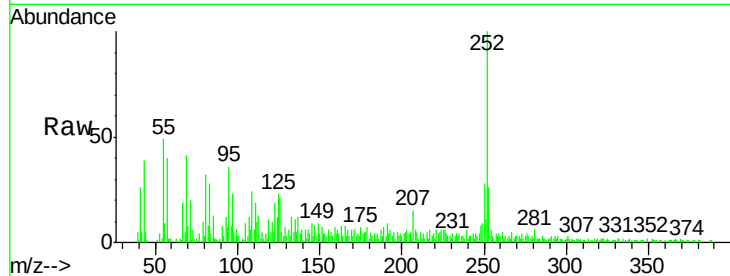
ClientSampled :

SB-46-0-2.0

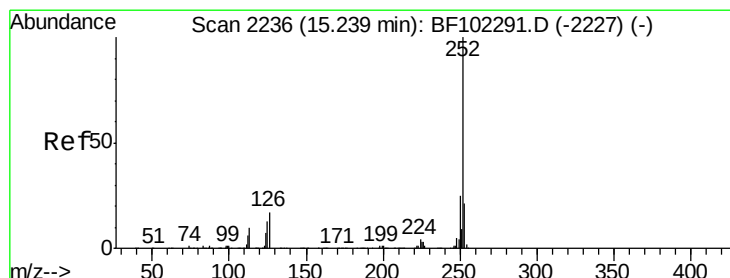
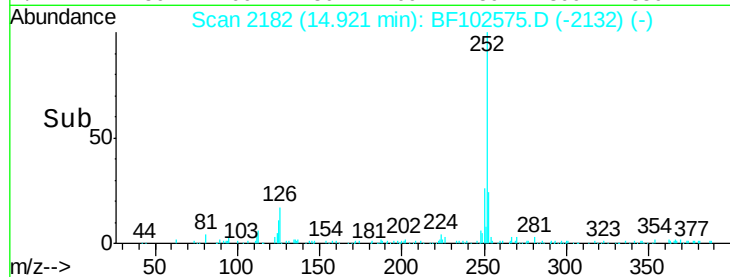
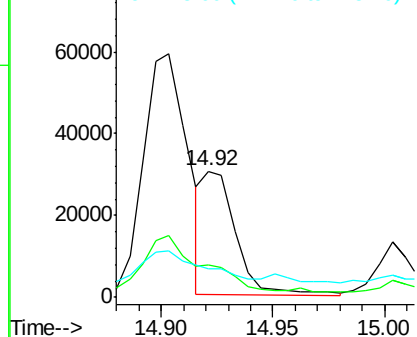
Tot Ion:	252	Resp:	30496
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.9	26.9
125	22.7	10.2	15.2#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 4.874 ng/mL

RT: 15.25 min Scan# 2238

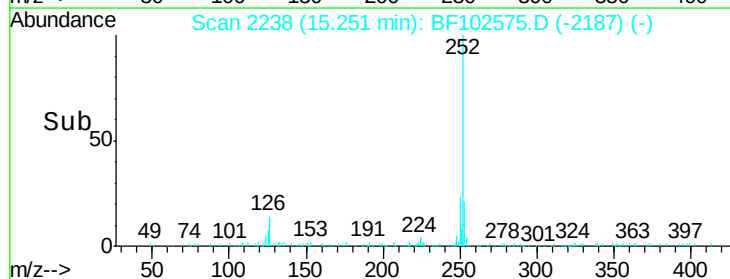
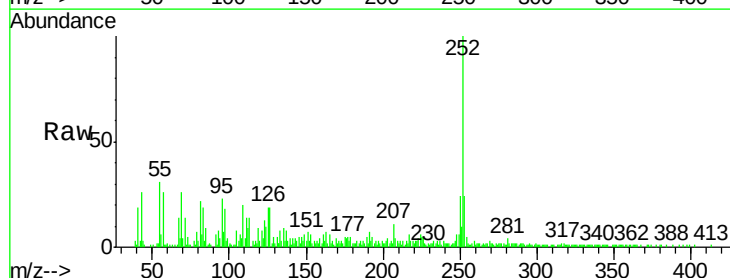
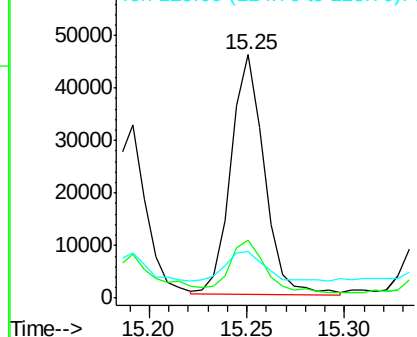
Delta R.T. -0.00 min

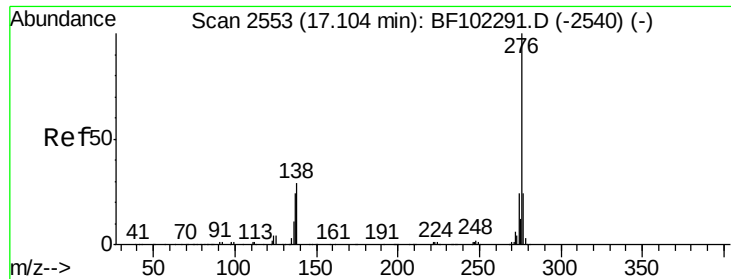
Lab File: BF102575.D

Acq: 28 Jan 2018 23:18

Tgt Ion:	252	Resp:	53974
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	19.1	9.8	14.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.993 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. 0.01 min
 Lab File: BF102575.D
 Acq: 28 Jan 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	28.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/29/2018 5:48:37 PM

