

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103405.D
 Acq On : 5 Mar 2018 13:17
 Operator : SJ/JU
 Sample : J1751-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-A

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:22:45 PM

Quant Time: Mar 05 14:01:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138195	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	564286	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	236248	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337390	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244036	20.00	ng	0.00
86) Perylene-d12	15.58	264	208820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	840231	91.96	ng	0.00
7) Phenol-d6	6.52	99	1028229	91.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	625180	63.27	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	143390	71.71	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	853760	57.50	ng	0.00
78) Terphenyl-d14	12.99	244	543287	53.52	ng	0.00
Target Compounds						
10) Phenol	6.53	94	41977	3.234	ng	Qvalue # 59
49) Dimethylphthalate	9.62	163	271932	14.348	ng	99
70) Phenanthrene	11.43	178	67720	3.647	ng	99
74) Fluoranthene	12.63	202	118297	6.340	ng	97
77) Pyrene	12.86	202	111012	5.835	ng	98
80) Benzo(a)anthracene	14.05	228	52236	3.299	ng	96
82) Chrysene	14.09	228	47298m	3.076	ng	
87) Benzo(b)fluoranthene	15.13	252	53400m	3.889	ng	
89) Benzo(a)pyrene	15.52	252	36368	2.966	ng	# 79

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

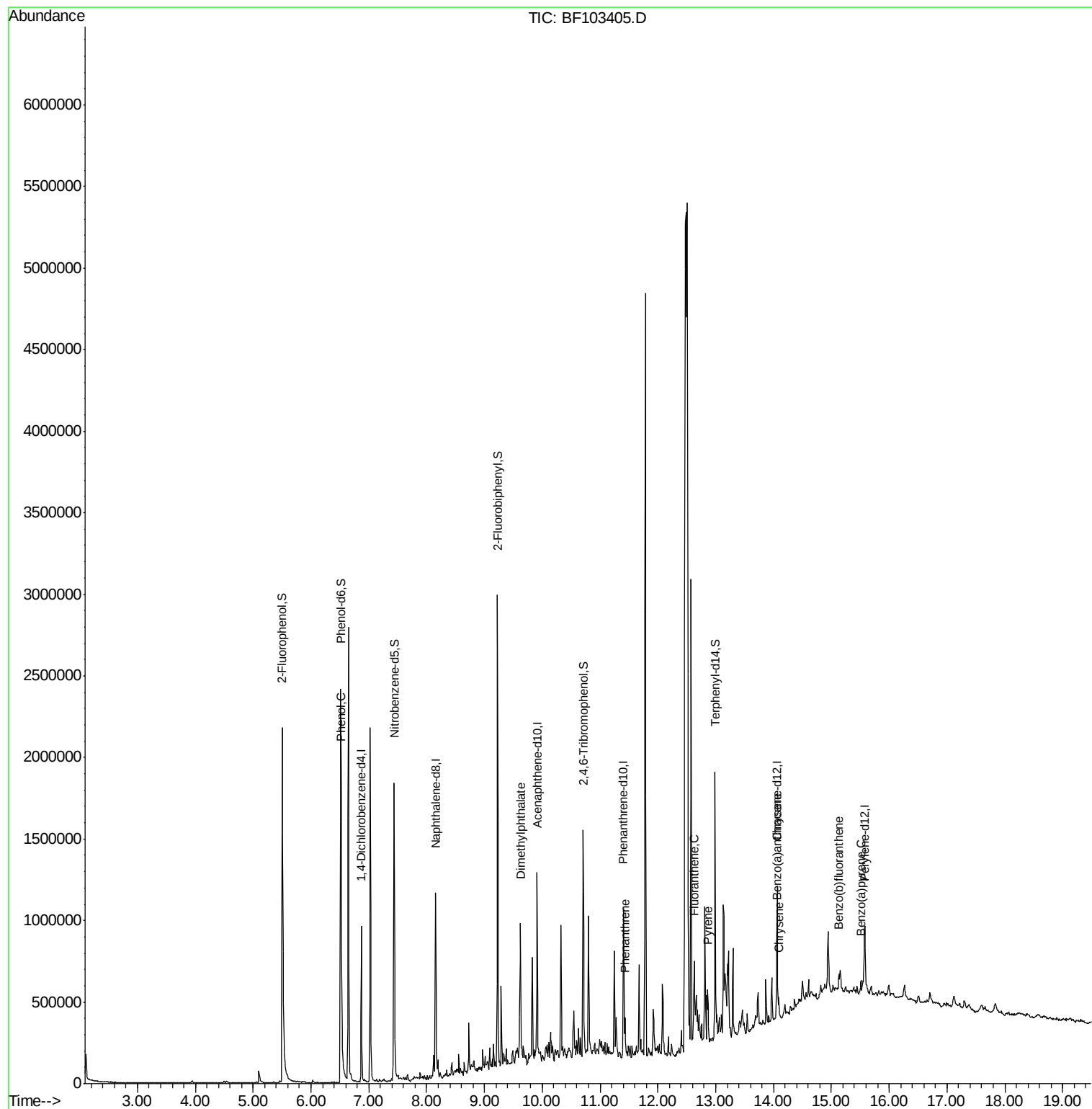
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103405.D
Acq On : 5 Mar 2018 13:17
Operator : SJ/JU
Sample : J1751-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

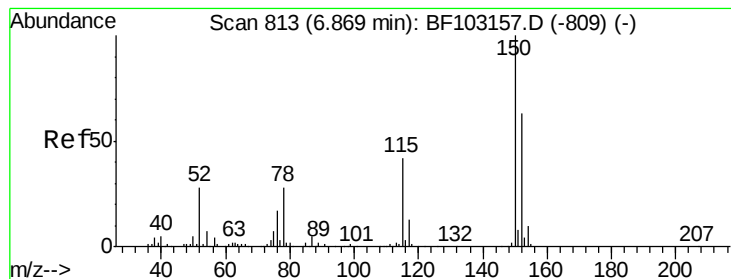
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Manual Integrations
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3/6/2018 4:22:45 PM

Quant Time: Mar 05 14:01:58 2018
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QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration





#1

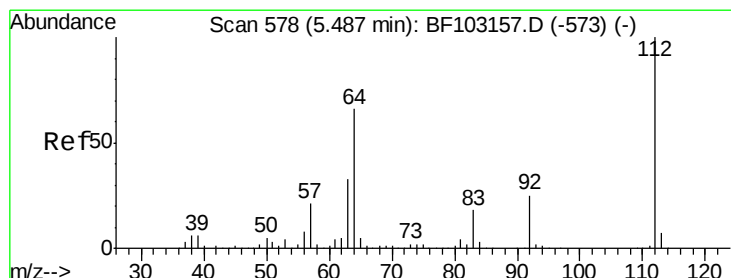
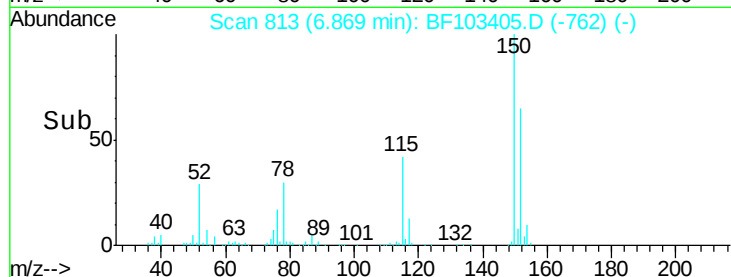
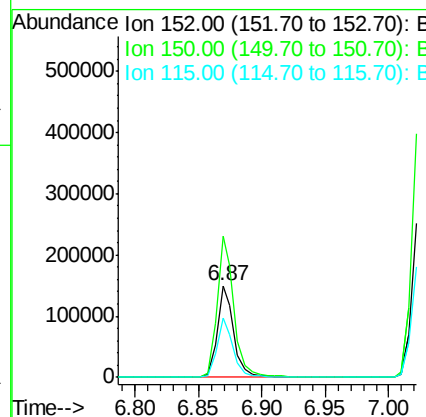
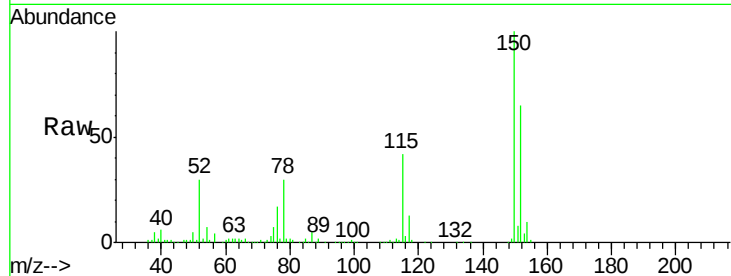
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.5	50.1	75.1

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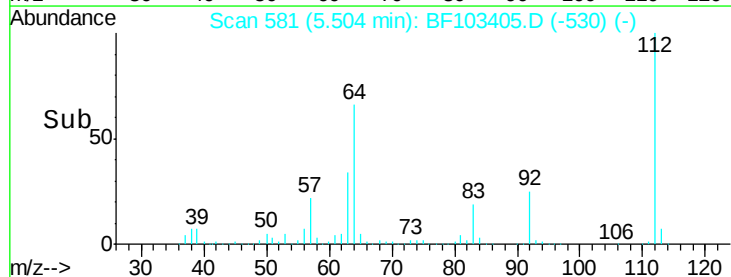
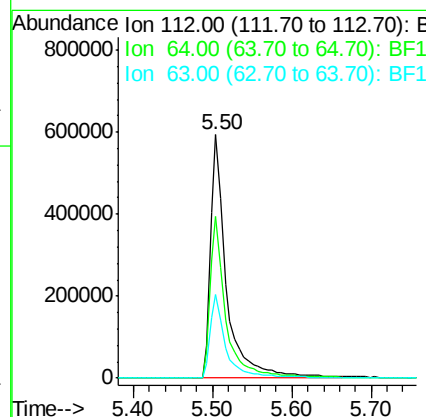
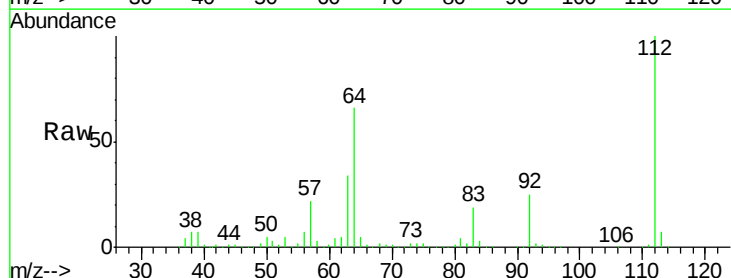
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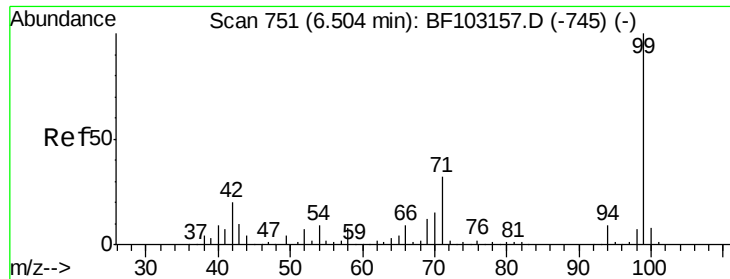


#5

2-Fluorophenol
Concen: 91.956 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.2	23.7	35.5





#7

Phenol-d6

Concen: 91.963 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-A

Tot Ion: 99 Resp: 1028229

Ion Ratio Lower Upper

99 100

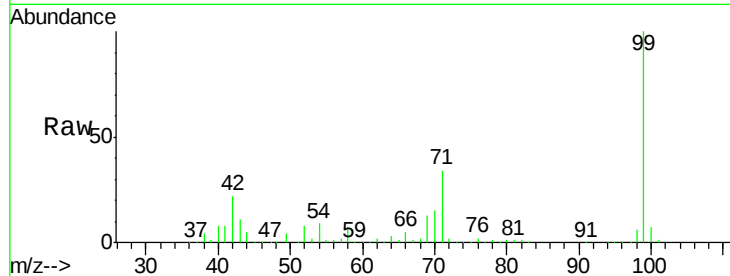
42 21.6 14.5 21.7

71 33.5 25.4 38.0

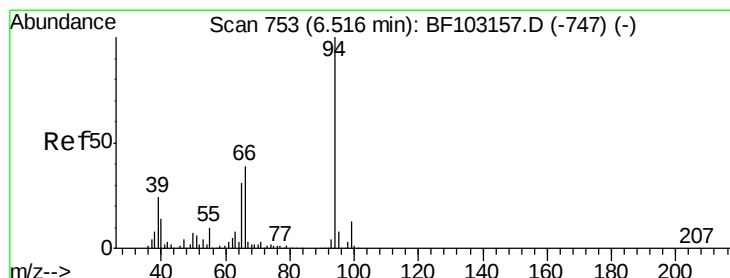
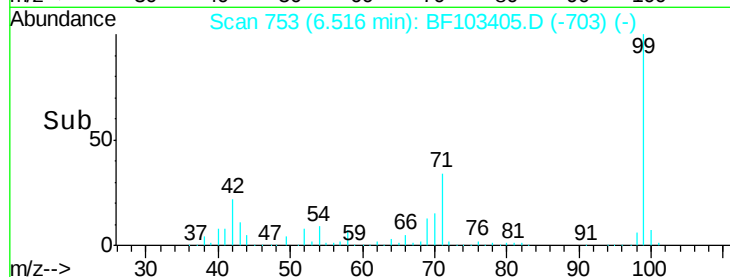
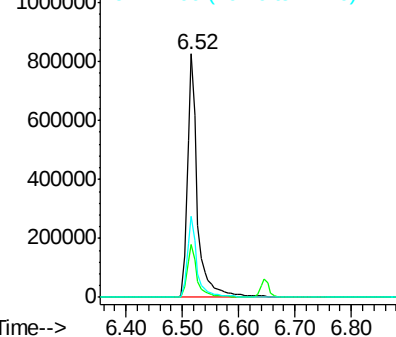
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.234 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

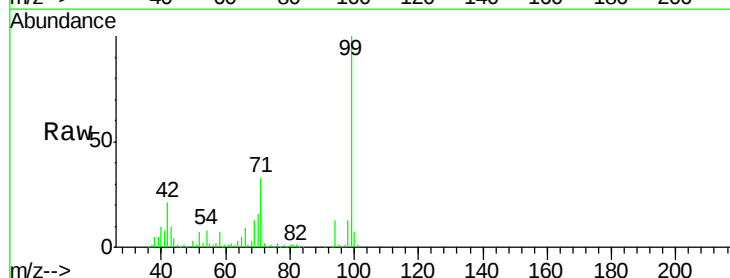
Tgt Ion: 94 Resp: 41977

Ion Ratio Lower Upper

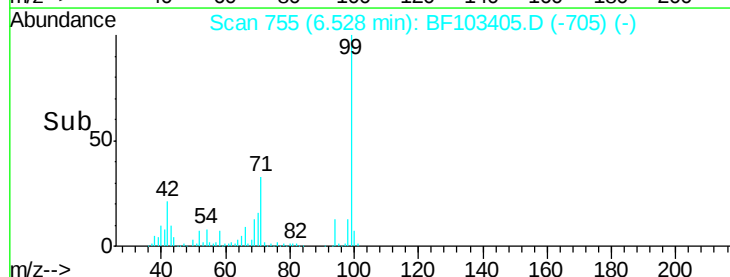
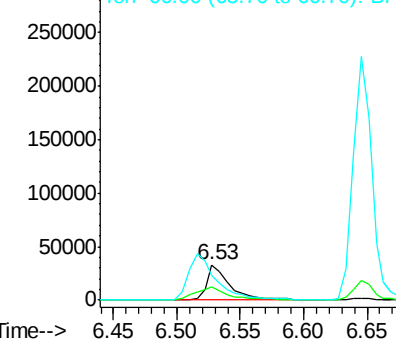
94 100

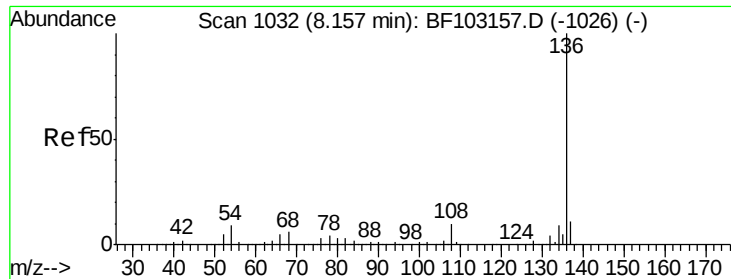
65 37.6 7.9 47.9

66 70.5 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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Instrument :

BNA_F

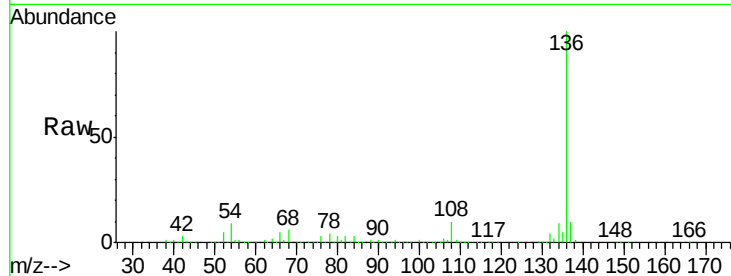
ClientSampleId :

JC-02-030118-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		564286		
137	10.3		8.9	13.3	
54	8.8		6.6	9.8	
68	6.4		5.0	7.4	

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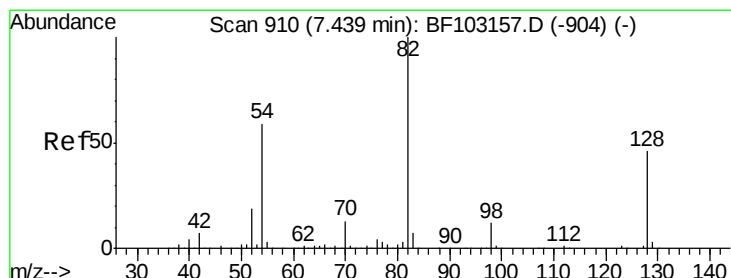
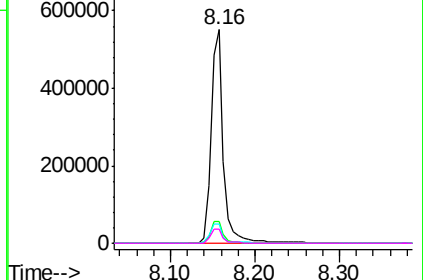
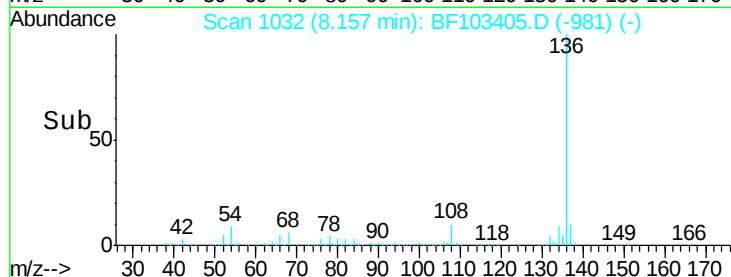


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.271 ng

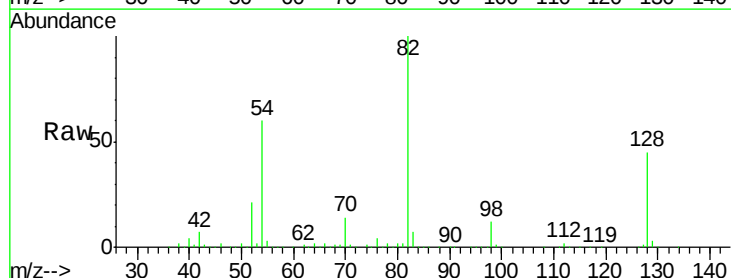
RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

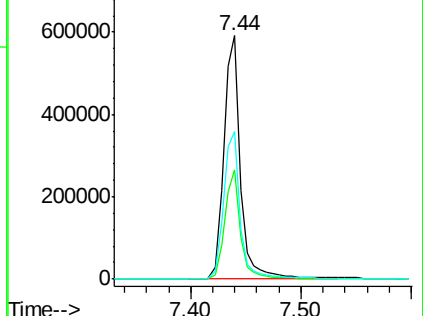
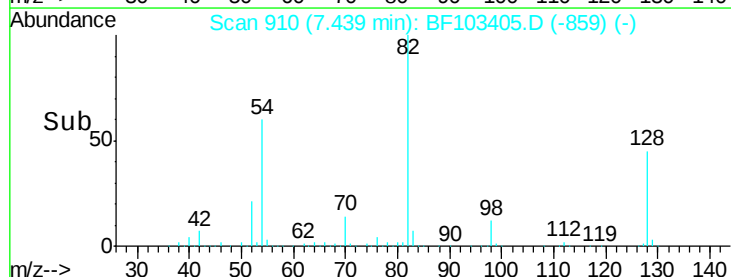
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		625180		
128	44.9		36.1	54.1	
54	60.5		41.4	62.2	

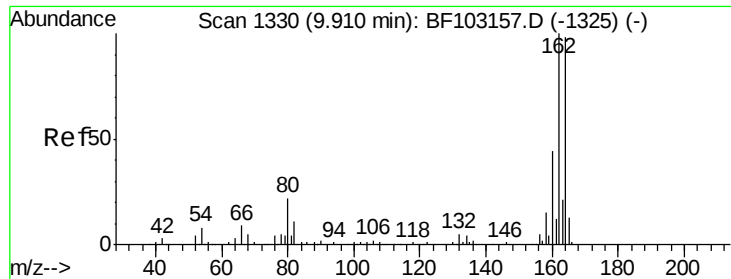


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





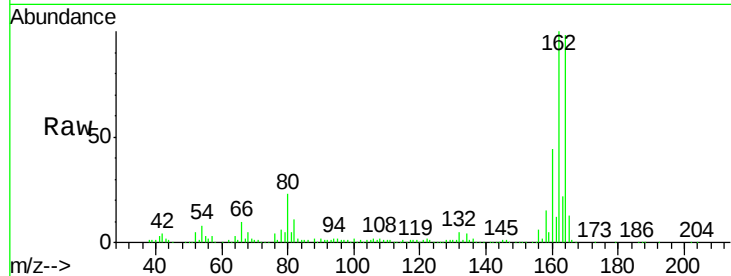
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

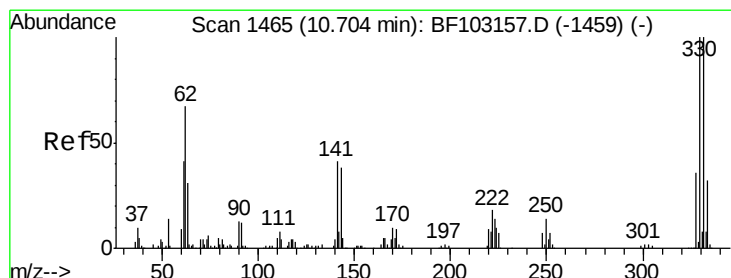
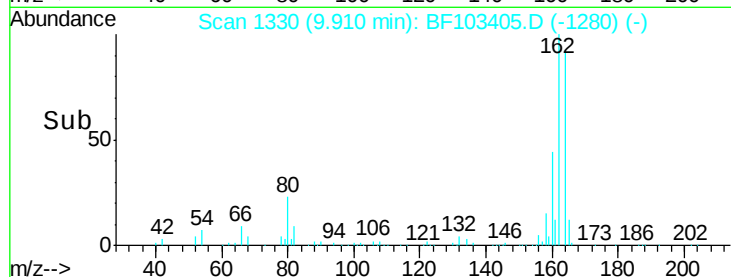
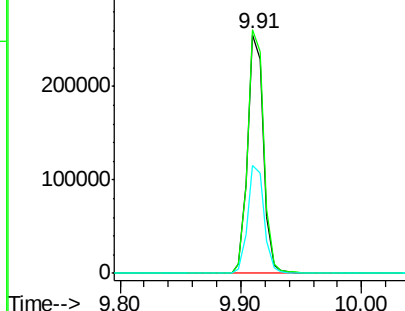
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	86.1	129.1	
160	45.0	38.3	57.5	

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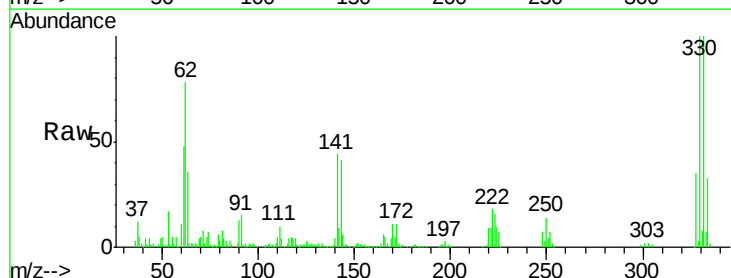


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

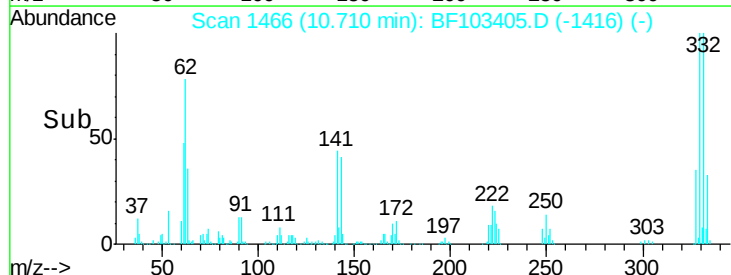
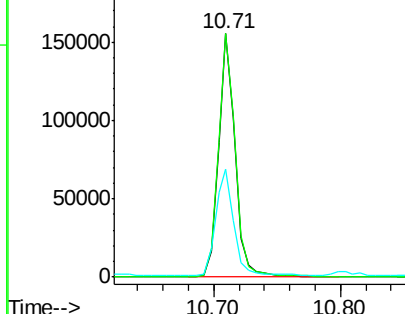


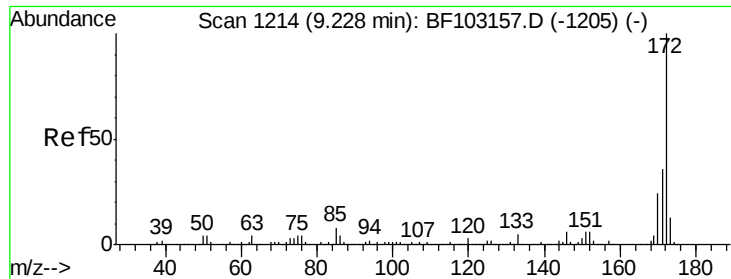
#41
2,4,6-Tribromophenol
Concen: 71.705 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.2	77.0	115.6	
141	48.4	29.9	44.9#	



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





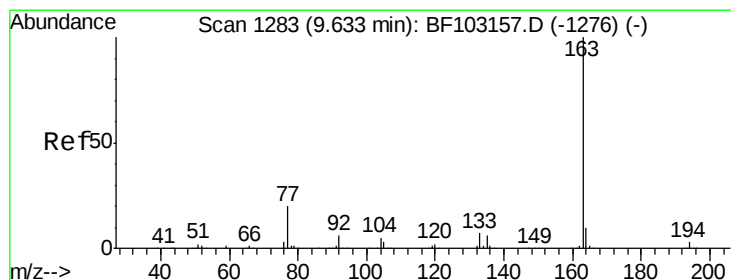
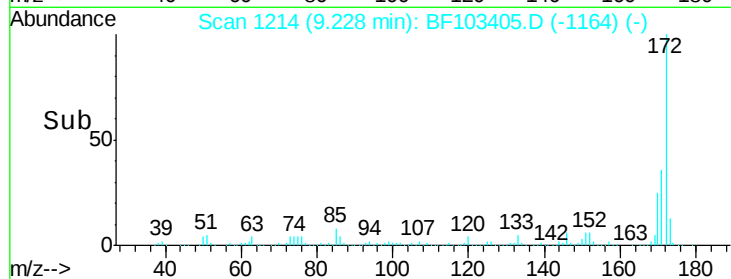
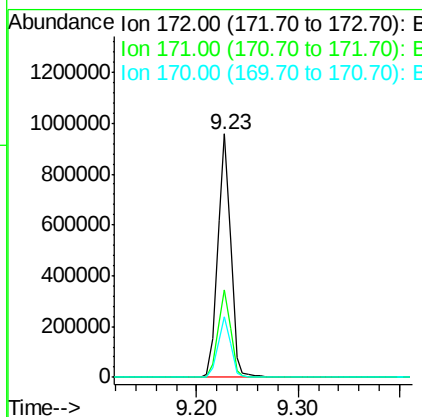
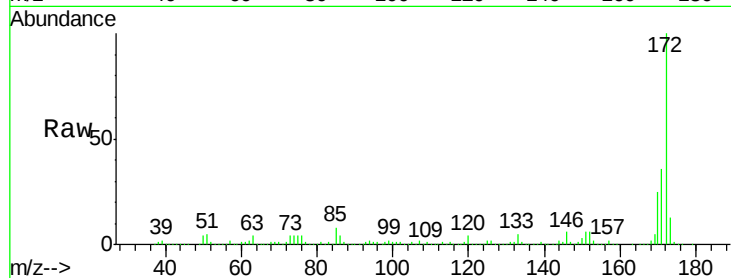
#44
2-Fluorobiphenyl
Concen: 57.501 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.9	19.6	29.4

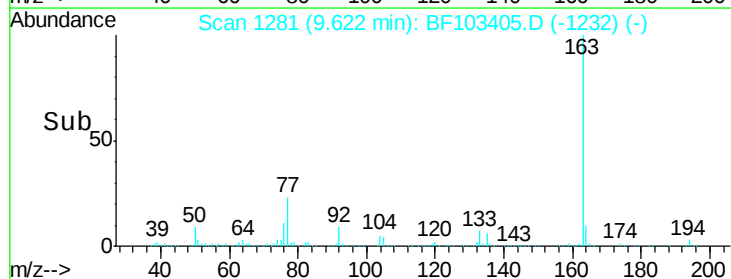
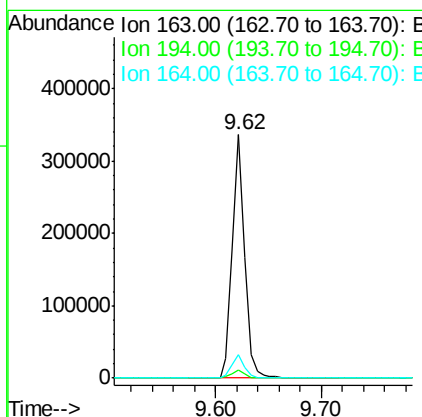
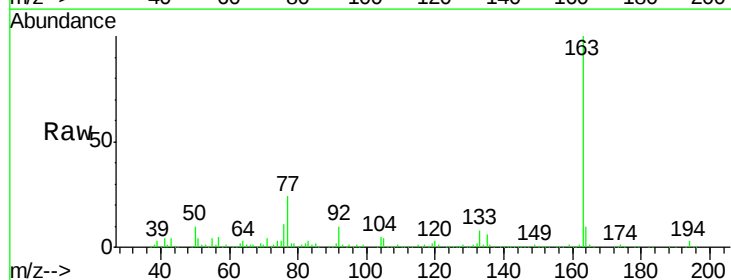
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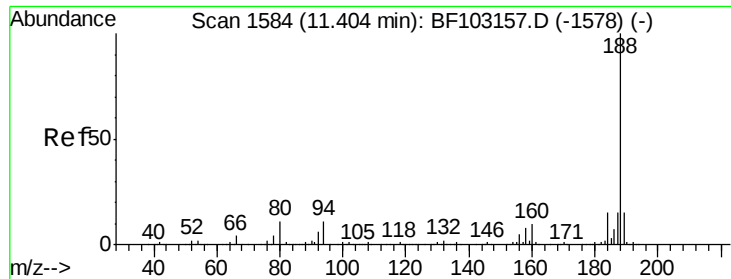
Sohil
3/6/2018 4:22:45 PM



#49
Dimethylphthalate
Concen: 14.348 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Instrument :

BNA_F

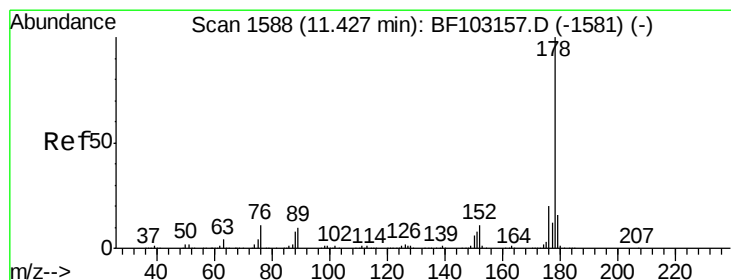
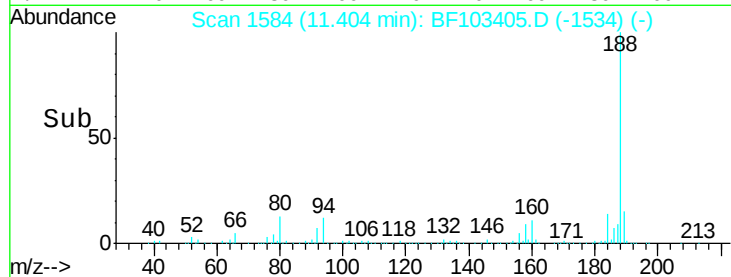
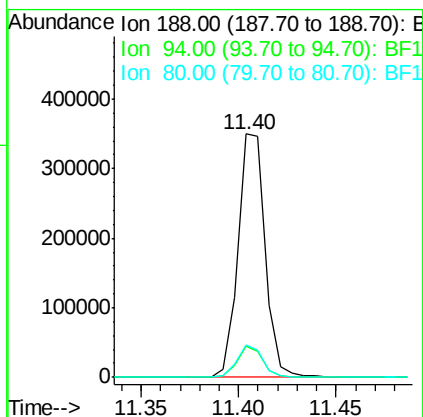
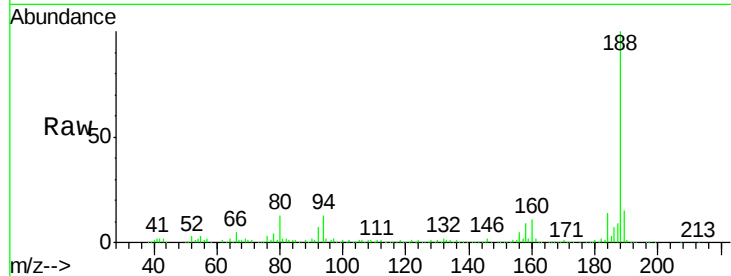
ClientSampleId :

JC-02-030118-A

Tot Ion:	188	Resp:	337390
Ion Ratio		Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.4	9.2	13.8

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#70

Phenanthrene

Concen: 3.647 ng

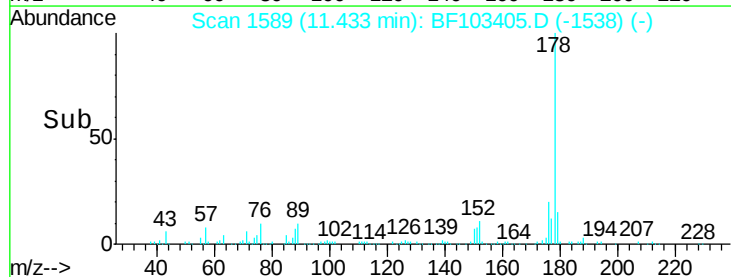
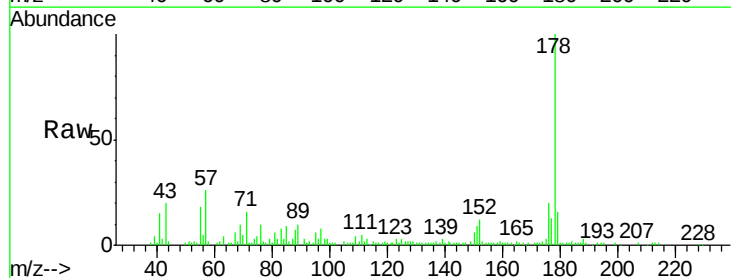
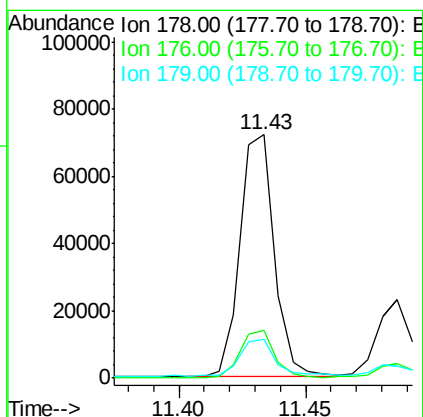
RT: 11.43 min Scan# 1589

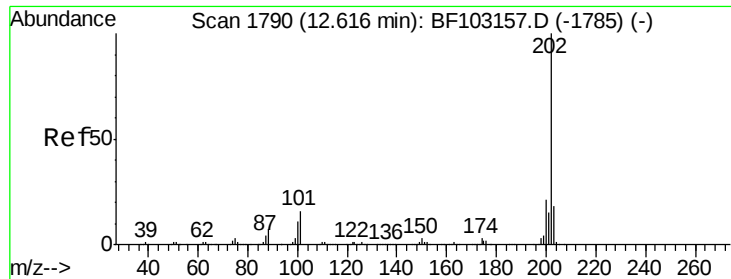
Delta R.T. 0.00 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Tgt Ion:	178	Resp:	67720
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6





#74

Fluoranthene

Concen: 6.340 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Instrument :

BNA_F

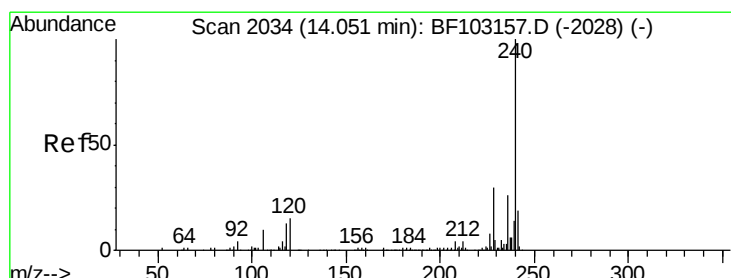
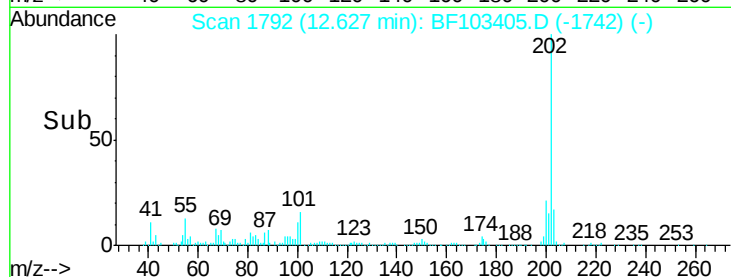
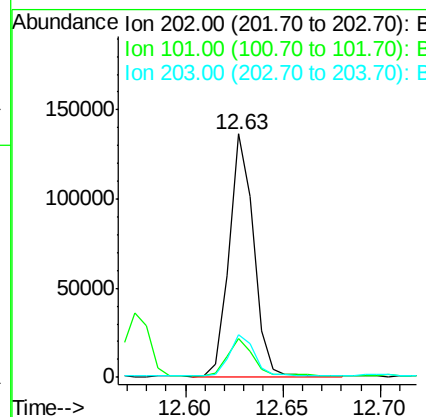
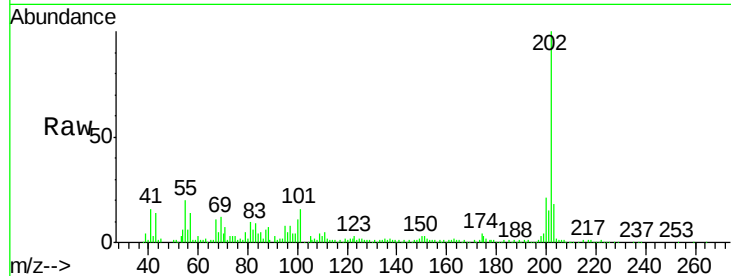
ClientSampleId :

JC-02-030118-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

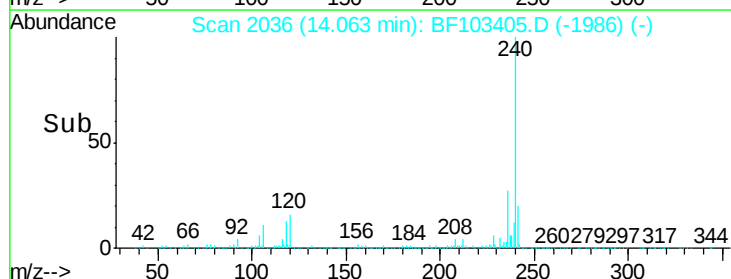
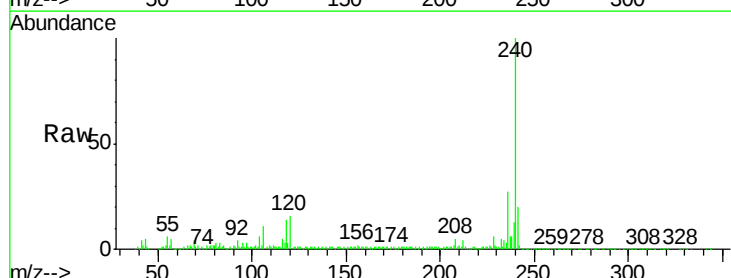
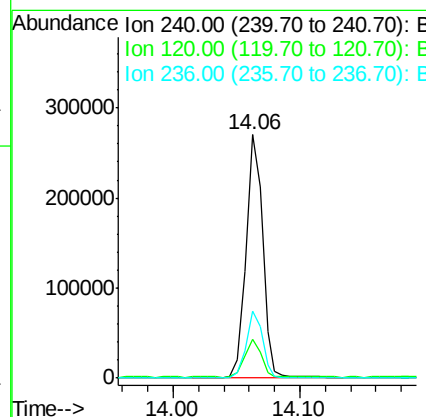
RT: 14.06 min Scan# 2036

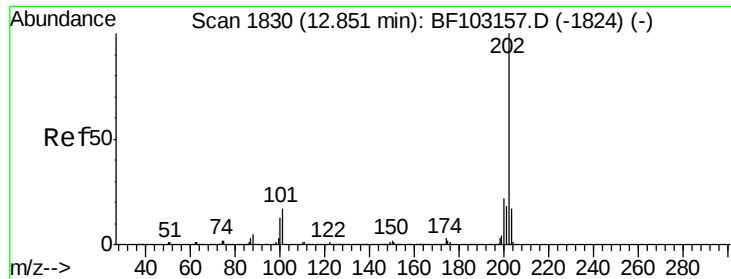
Delta R.T. -0.01 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	27.3	20.7	31.1





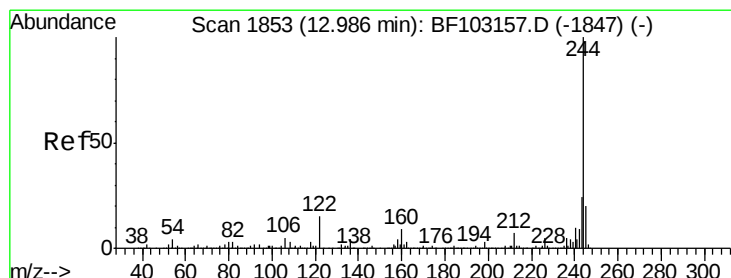
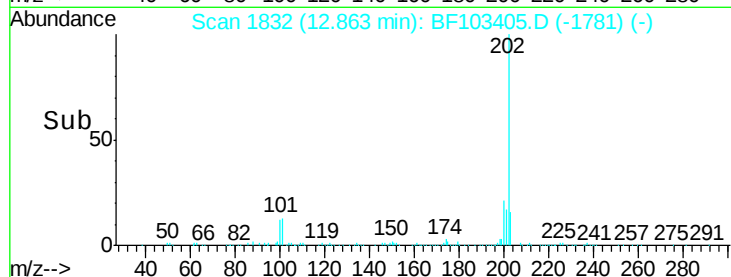
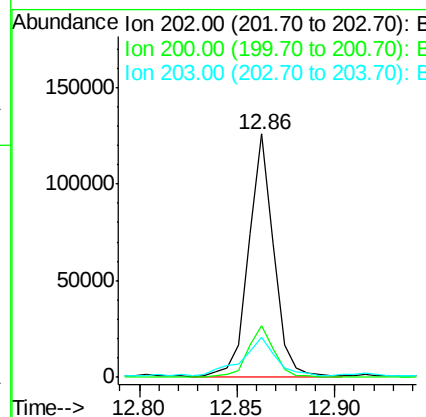
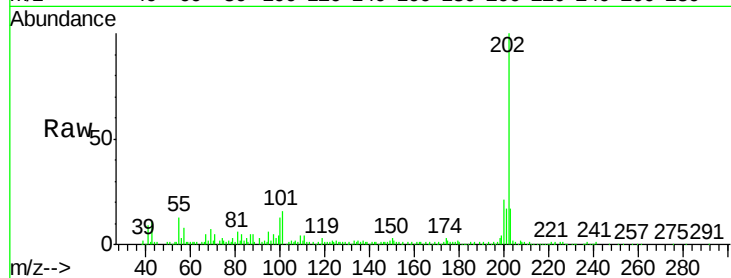
#77
Pvrene
Concen: 5.835 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.6	14.3	21.5

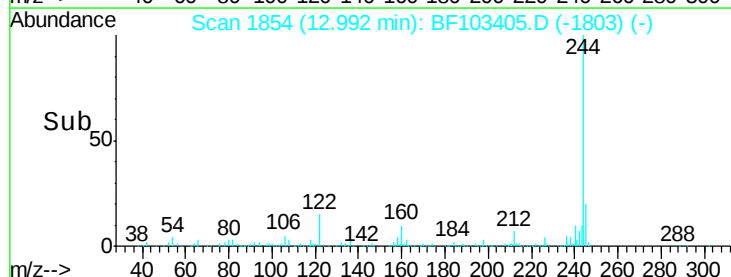
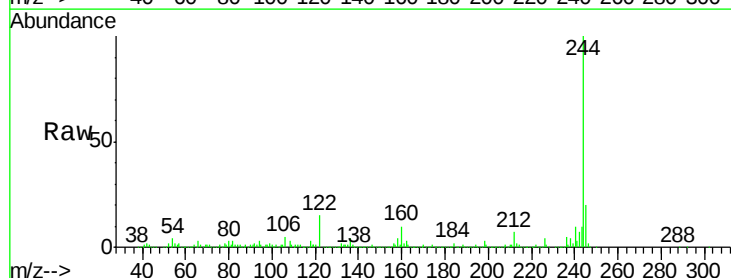
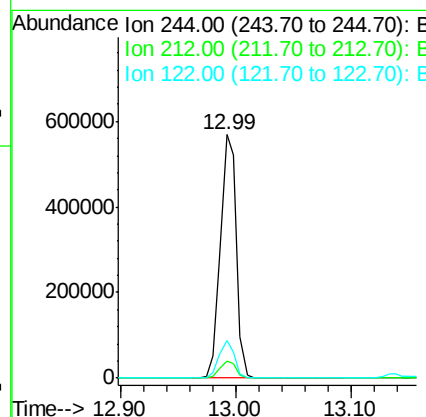
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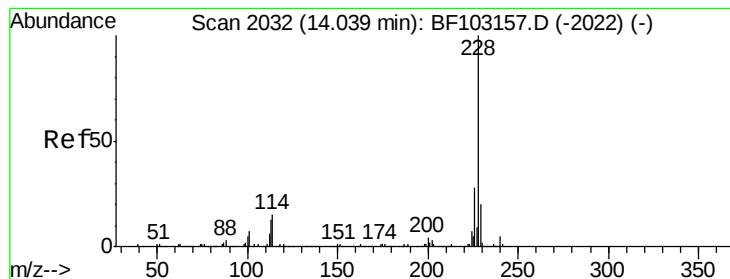
Sohil
3/6/2018 4:22:45 PM



#78
Terphenyl-d14
Concen: 53.516 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.3	11.0	16.4





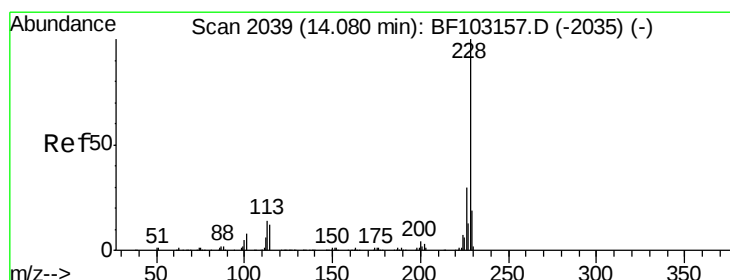
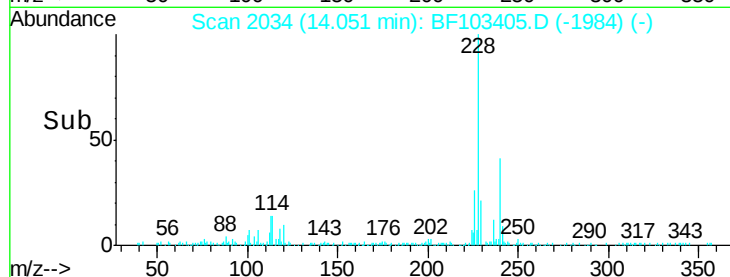
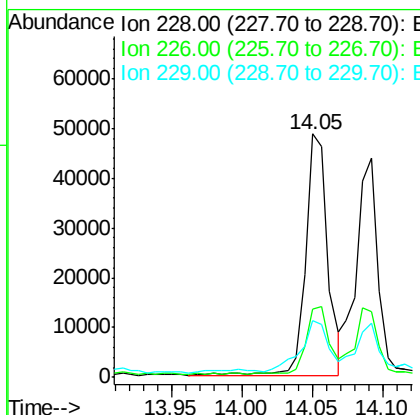
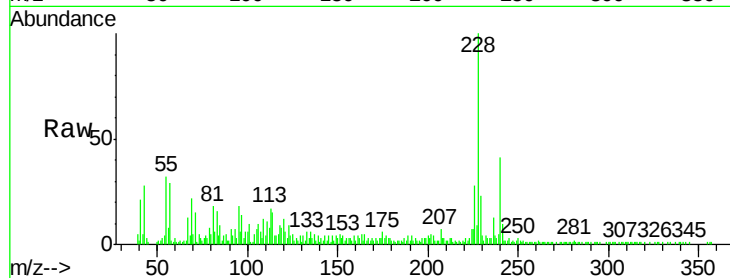
#80
Benzo(a)anthracene
Concen: 3.299 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.4	15.8	23.6

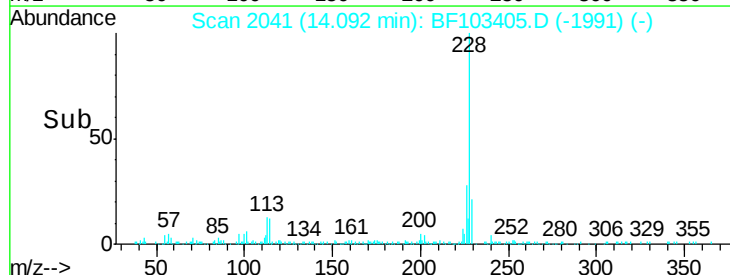
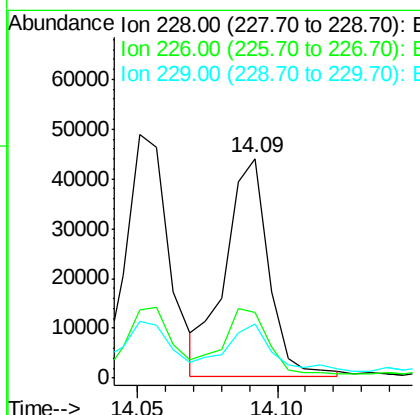
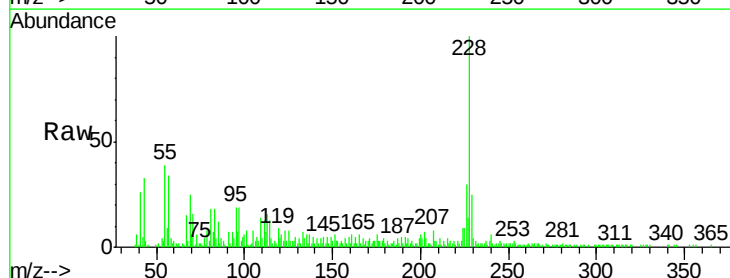
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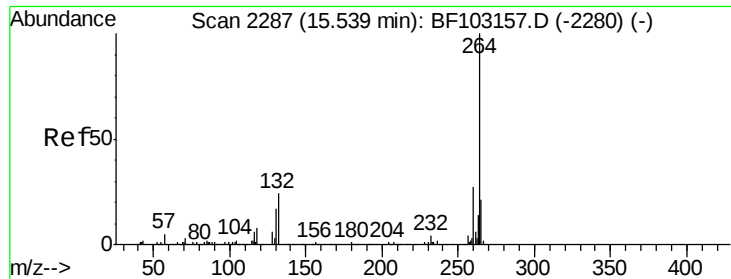
Sohil
3/6/2018 4:22:45 PM



#82
Chrysene
Concen: 3.076 ng m
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	24.7	16.2	24.4#





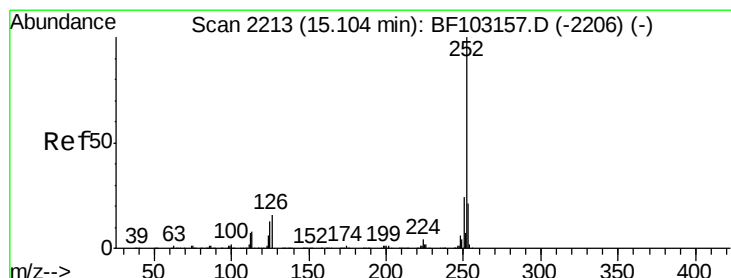
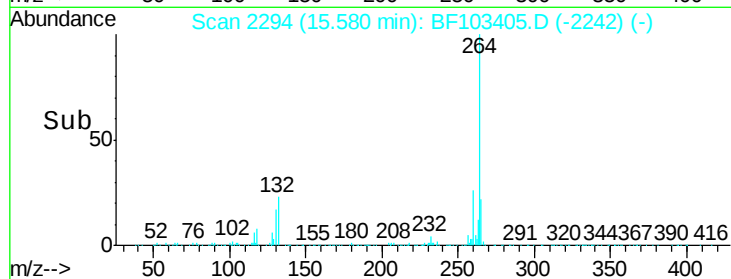
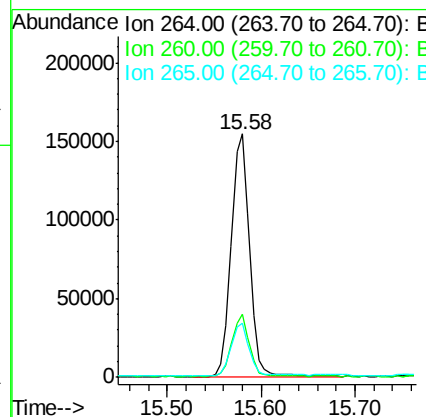
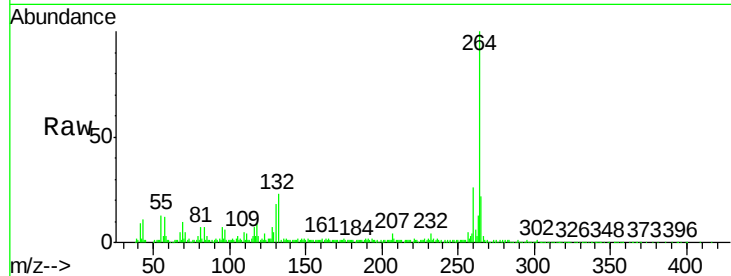
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	22.5	17.5	26.3

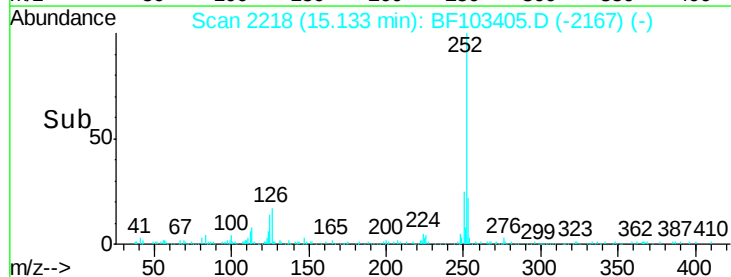
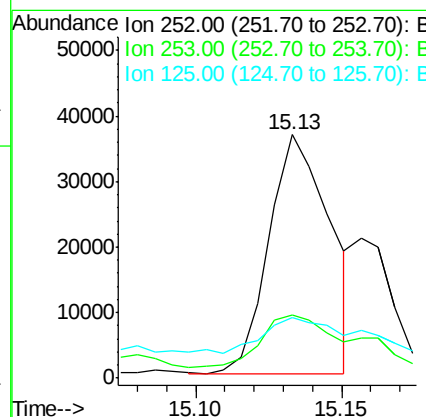
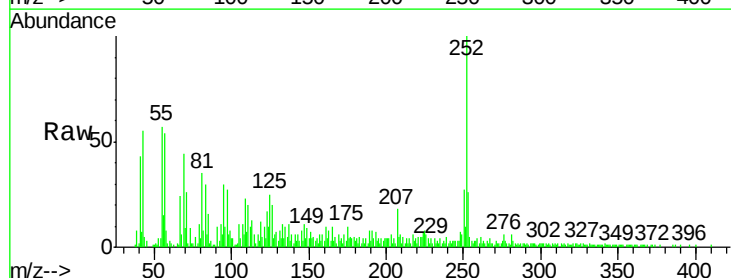
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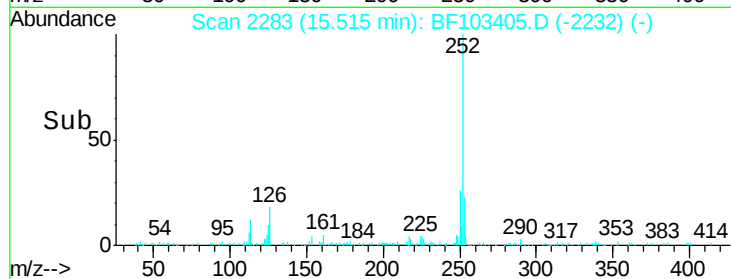
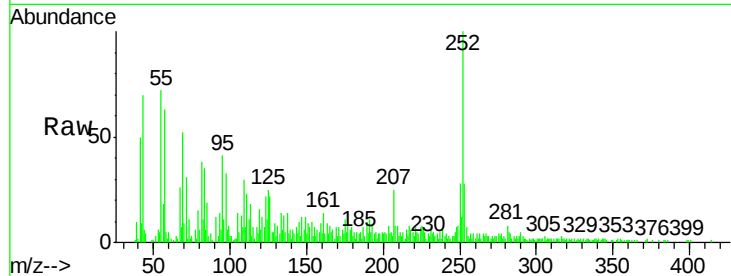
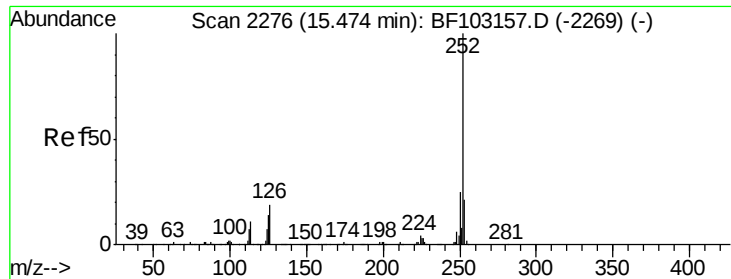
Sohil
3/6/2018 4:22:45 PM



#87
Benzo(b)fluoranthene
Concen: 3.889 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	24.8	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.966 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF103405.D

Acq: 5 Mar 2018 13:17

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.1	25.7#
125	25.2	9.8	14.6#

Manual Integrations
APPROVED

Sohil
3/6/2018 4:22:45 PM

