

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101428.D
 Acq On : 15 Dec 2017 7:25
 Operator : SJ/JU
 Sample : I6828-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-0-4

Manual Integrations
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Quant Time: Dec 15 14:38:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	176640	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	674929	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	275398	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	423567	20.00	ng	0.00
75) Chrysene-d12	14.01	240	244146	20.00	ng	0.00
86) Perylene-d12	15.50	264	236626	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1197842	101.01	ng	0.00
7) Phenol-d6	6.46	99	1446795	98.03	ng	0.00
23) Nitrobenzene-d5	7.39	82	904463	74.60	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	255672	96.35	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1238249	69.75	ng	0.00
78) Terphenyl-d14	12.93	244	780273	77.05	ng	0.00
Target Compounds						
10) Phenol	6.47	94	73246	4.354	ng	96
31) Naphthalene	8.12	128	73802	2.172	ng	98
37) 2-Methylnaphthalene	8.81	142	52276	2.361	ng	99
49) Dimethylphthalate	9.57	163	120770	5.452	ng	98
70) Phenanthrene	11.37	178	116855	4.961	ng	100
74) Fluoranthene	12.57	202	123660	5.002	ng	94
77) Pyrene	12.80	202	147907	8.072	ng	97
80) Benzo(a)anthracene	14.00	228	47082	2.920	ng	# 71
82) Chrysene	14.03	228	60956	4.005	ng	# 78
87) Benzo(b)fluoranthene	15.06	252	64174m	4.449	ng	
91) Benzo(g,h,i)perylene	17.44	276	29423	2.603	ng	# 82

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

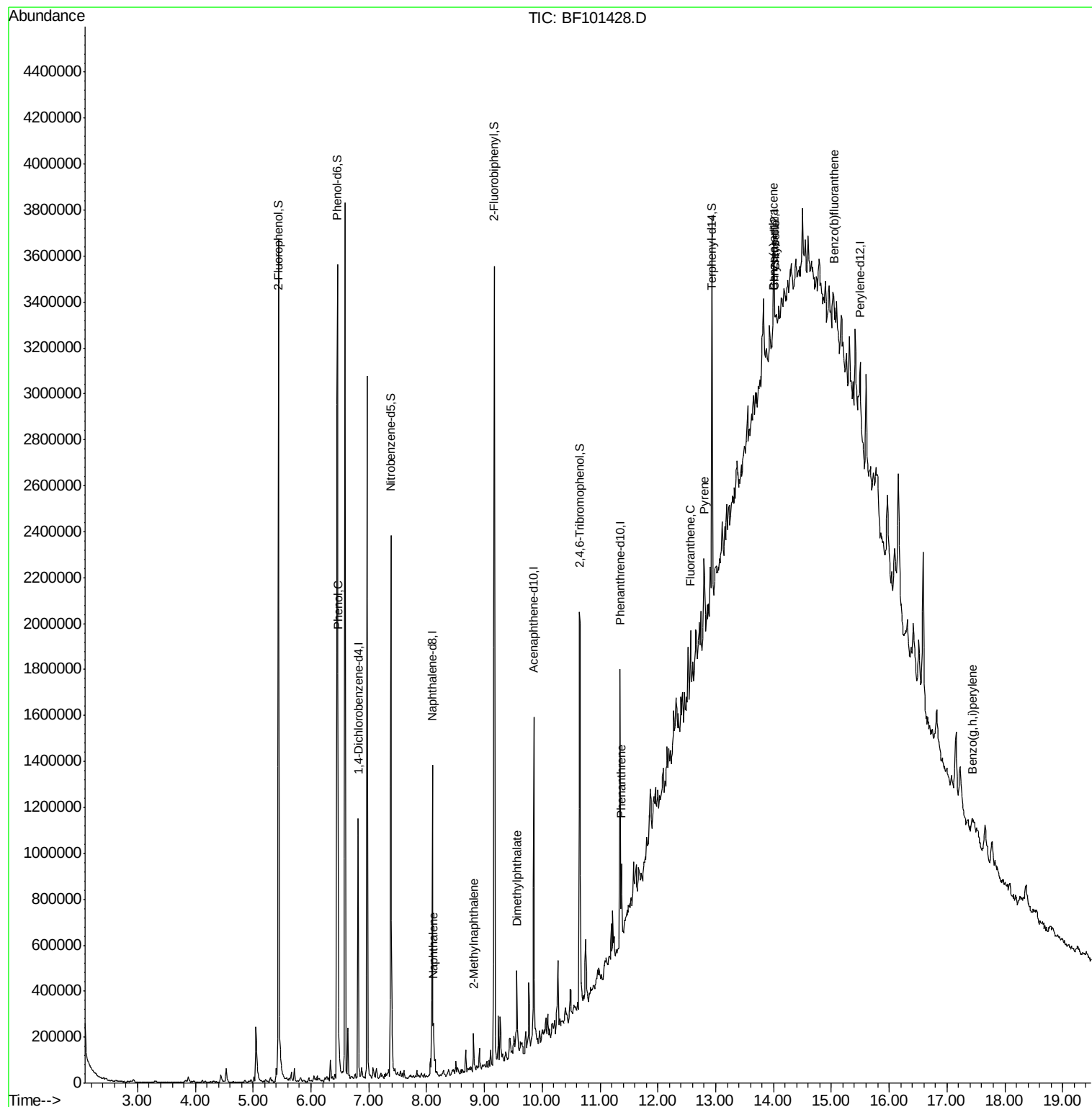
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101428.D
Acq On : 15 Dec 2017 7:25
Operator : SJ/JU
Sample : I6828-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

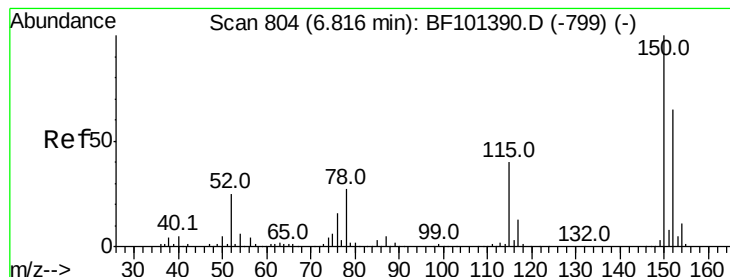
Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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#1

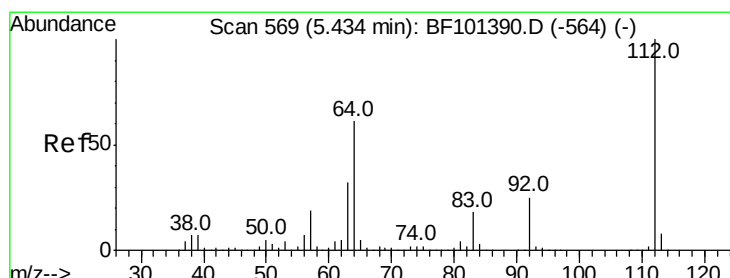
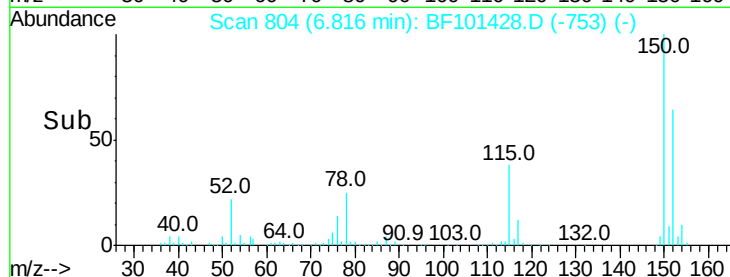
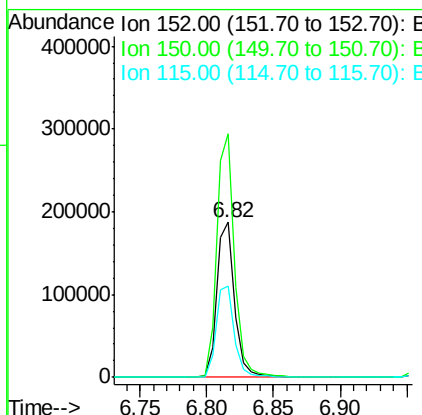
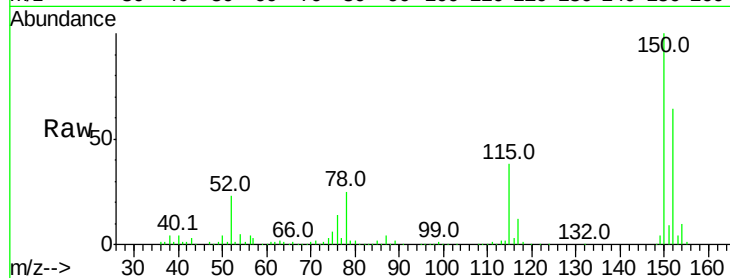
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	59.1	50.1	75.1

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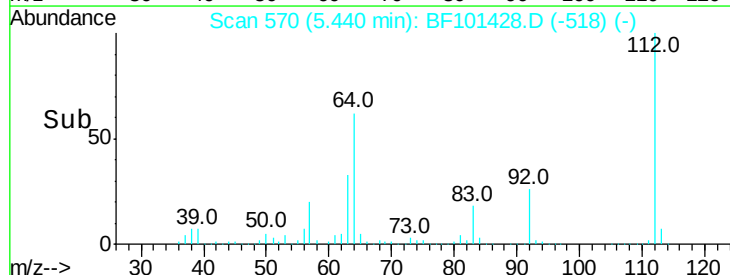
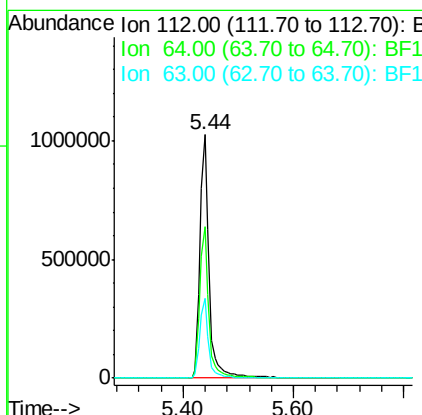
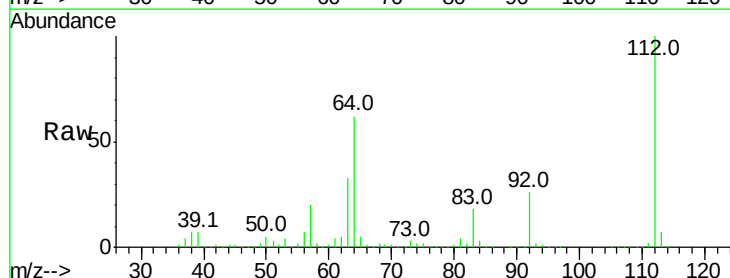
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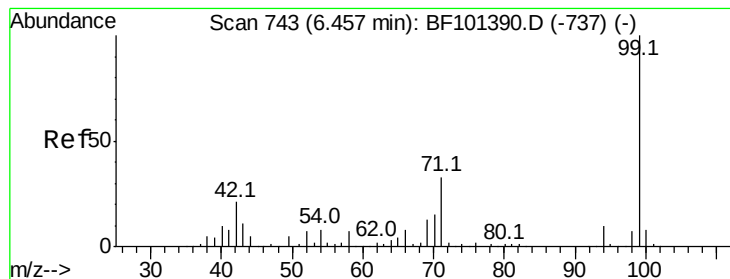


#5

2-Fluorophenol
Concen: 101.012 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 98.033 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101428.D

Acq: 15 Dec 2017 7:25

Instrument :

BNA_F

ClientSampleId :

DBEW-2-0-4

Tot Ion: 99 Resp: 1446795

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

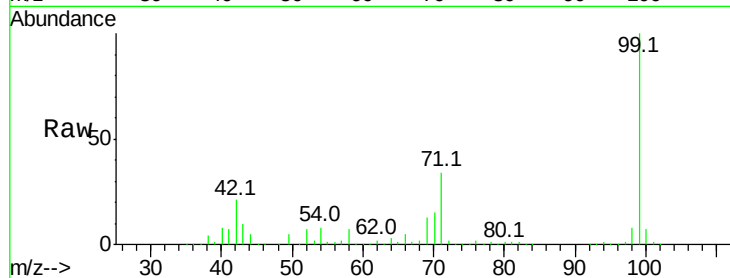
71 33.6 25.4 38.0

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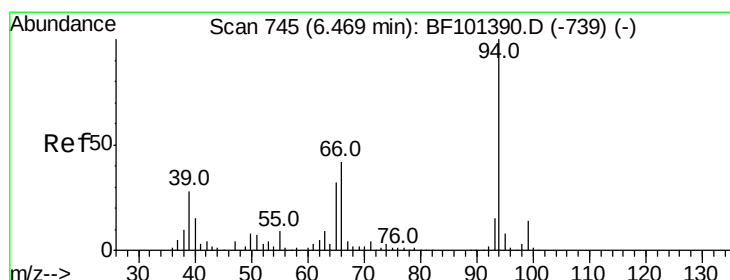
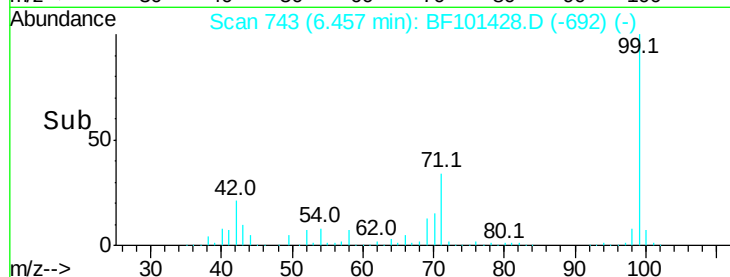
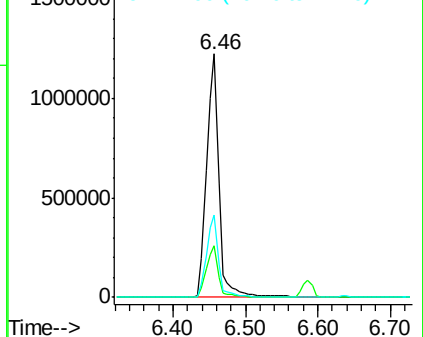
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.354 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF101428.D

Acq: 15 Dec 2017 7:25

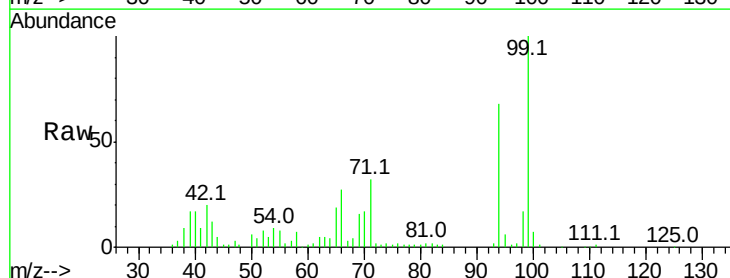
Tgt Ion: 94 Resp: 73246

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

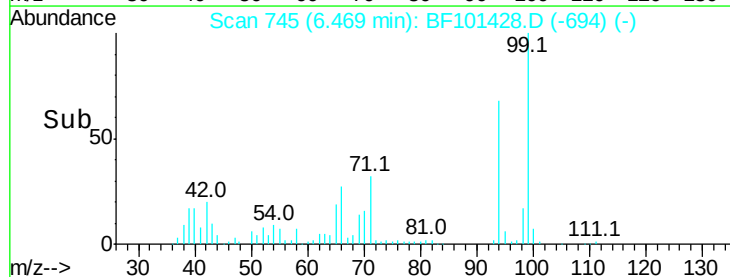
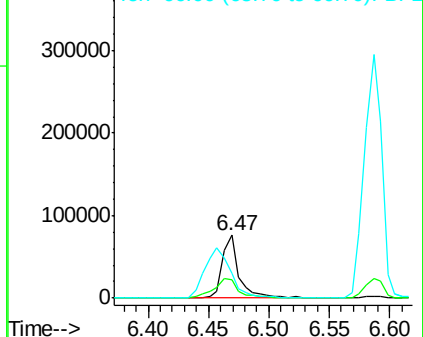
66 39.5 16.2 56.2

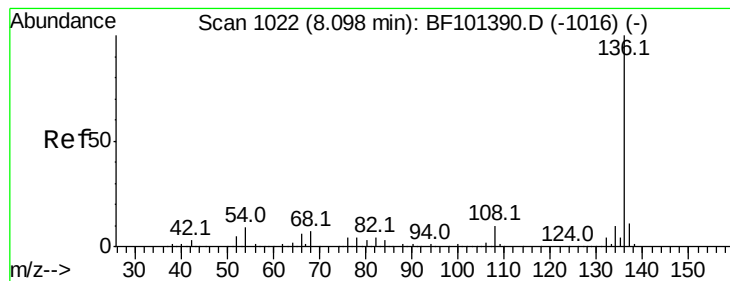


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





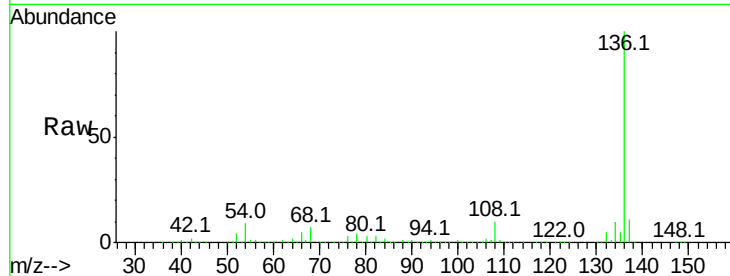
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampled :
DBEW-2-0-4

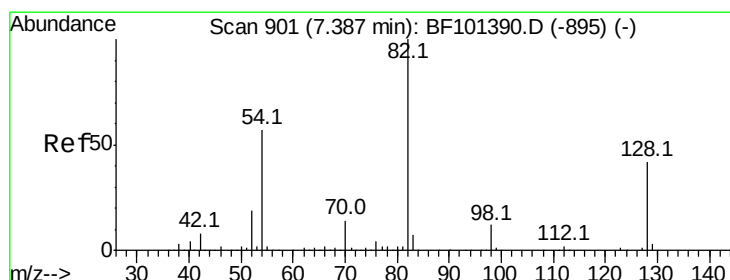
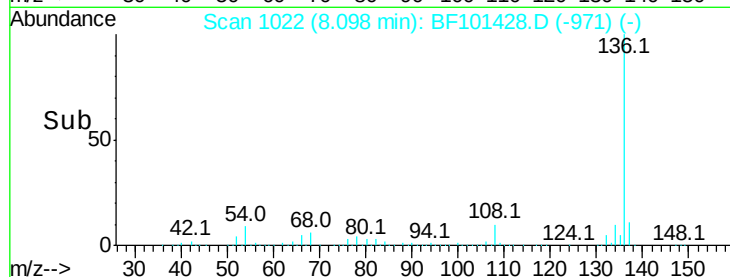
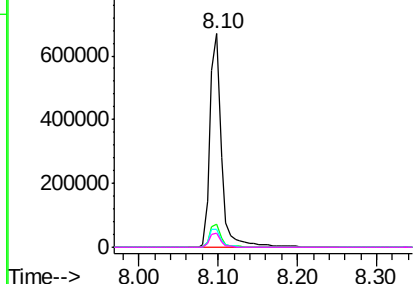
Tot Ion	Ratio	Resp	Lower	Upper
136	100	674929		
137	10.8		8.9	13.3
54	8.6		6.6	9.8
68	6.5		5.0	7.4

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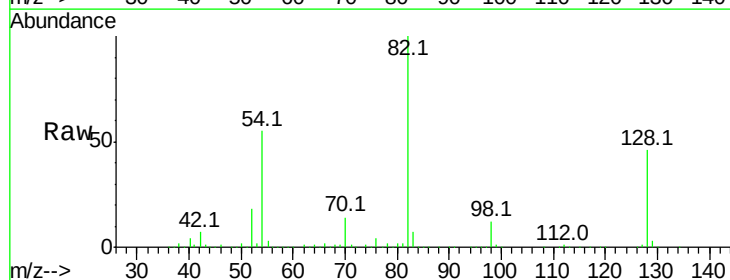


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

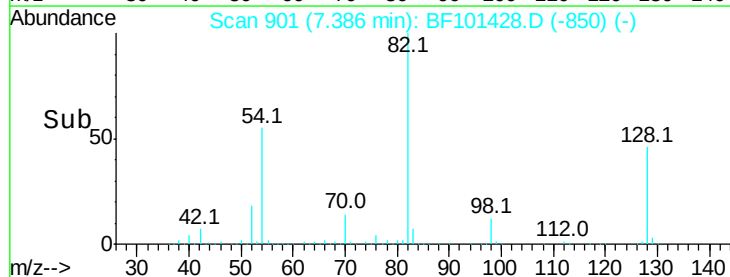
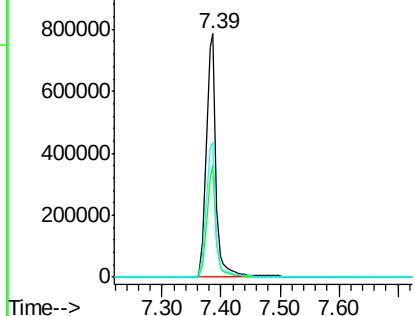


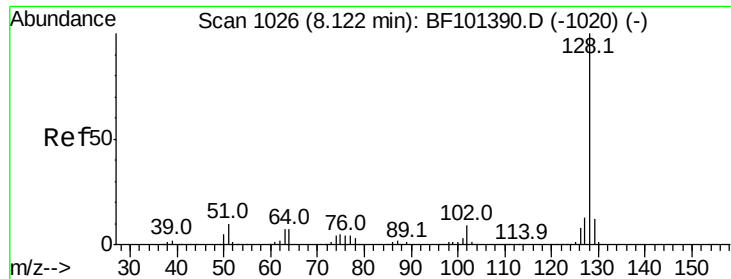
#23
Nitrobenzene-d5
Concen: 74.597 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	904463		
128	46.1		36.1	54.1
54	55.1		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





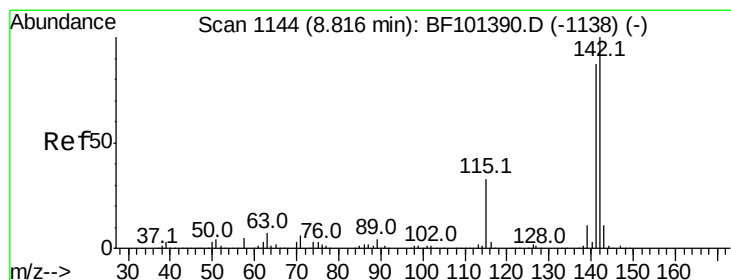
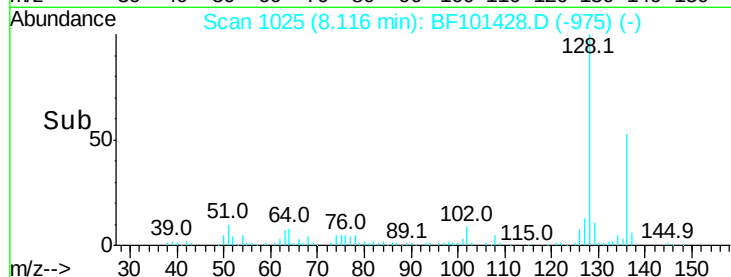
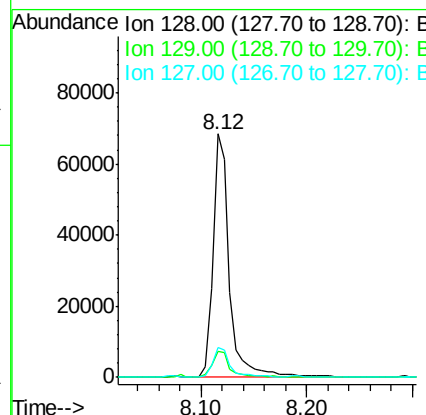
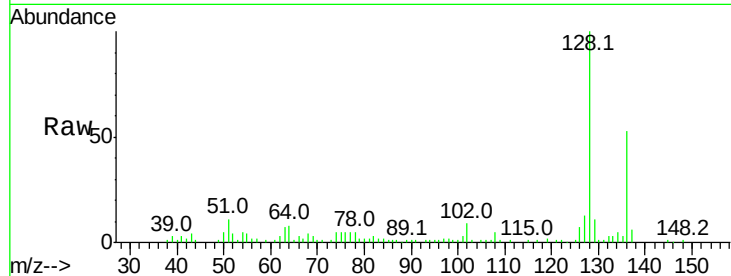
#31
Naphthalene
Concen: 2.172 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.5	10.9	16.3

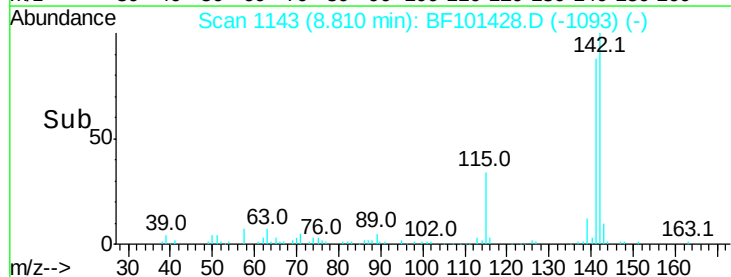
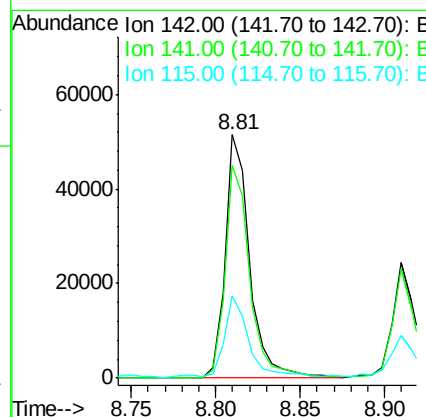
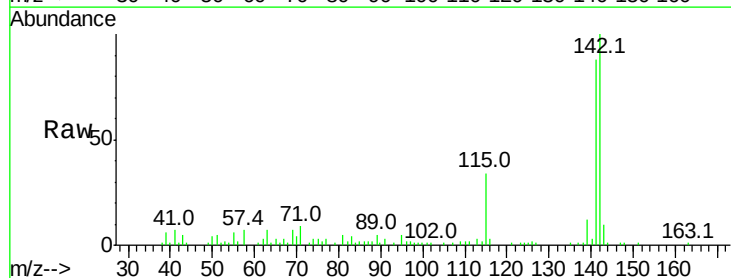
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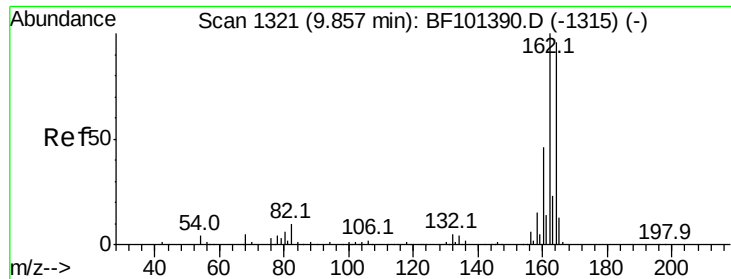
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#37
2-Methylnaphthalene
Concen: 2.361 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	33.8	26.1	39.1





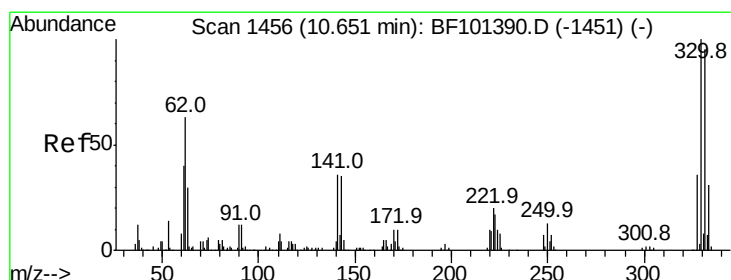
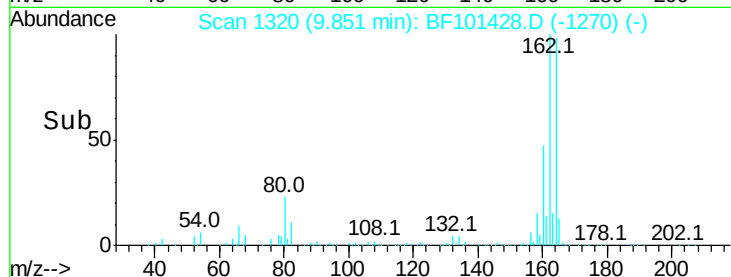
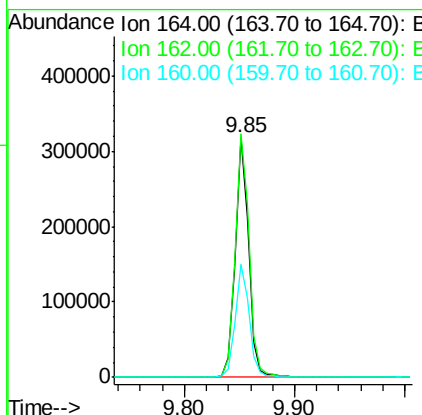
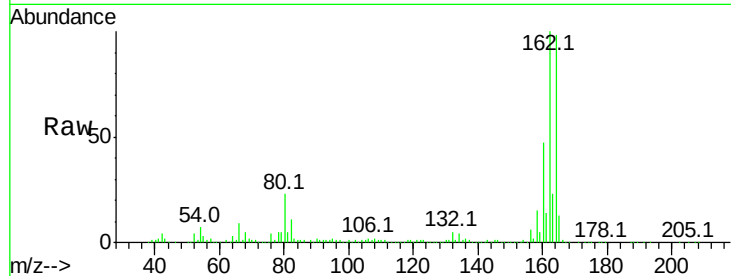
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101428.D
 Acq: 15 Dec 2017 7:25

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-0-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100	275398		
162	101.6	86.1	129.1	
160	47.3	38.3	57.5	

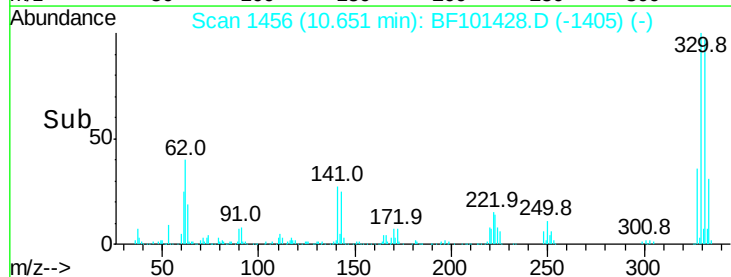
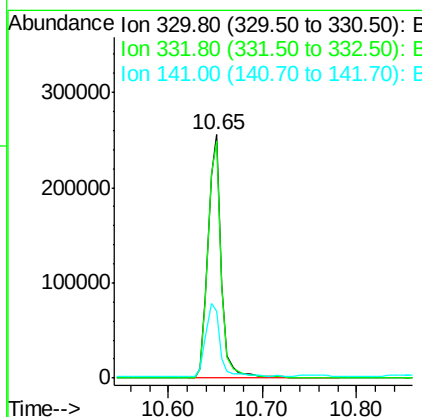
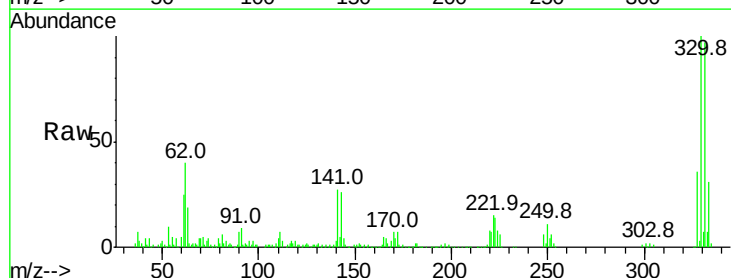
Manual Integrations
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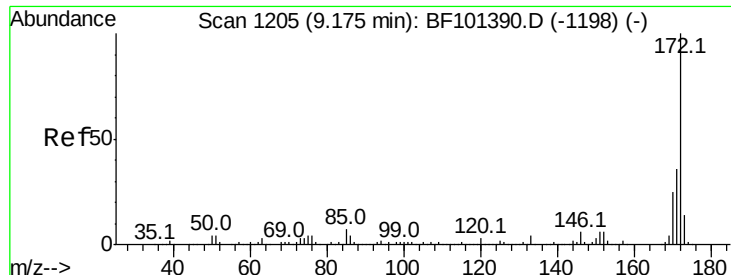
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#41
 2,4,6-Tribromophenol
 Concen: 96.346 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101428.D
 Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	255672		
332	98.4	77.0	115.6	
141	33.0	29.9	44.9	





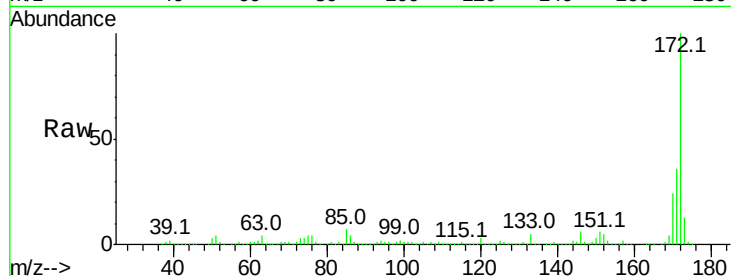
#44
2-Fluorobiphenyl
Concen: 69.747 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

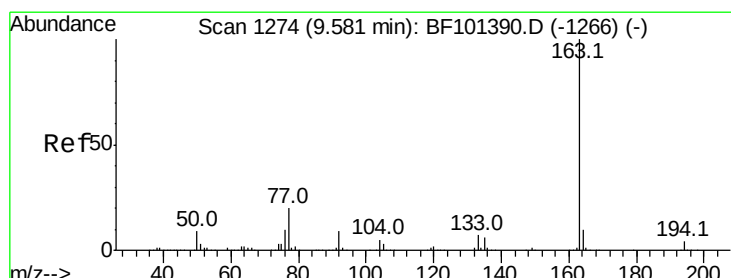
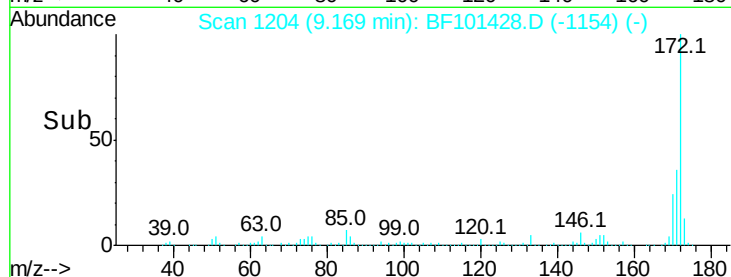
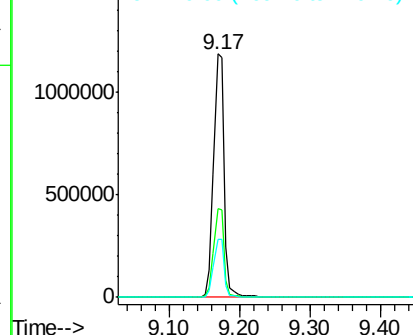
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

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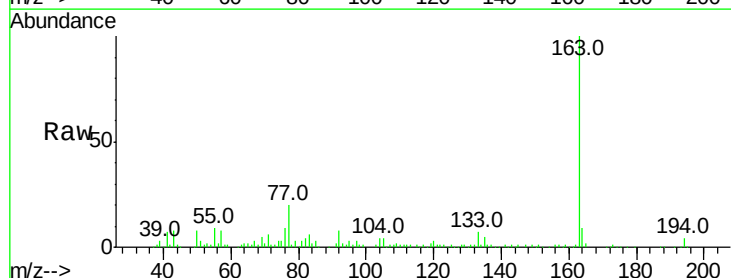


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

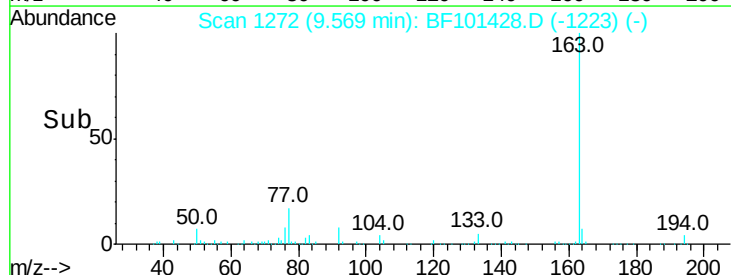
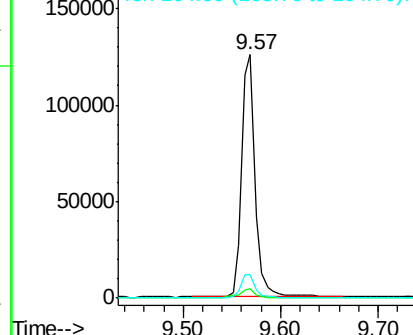


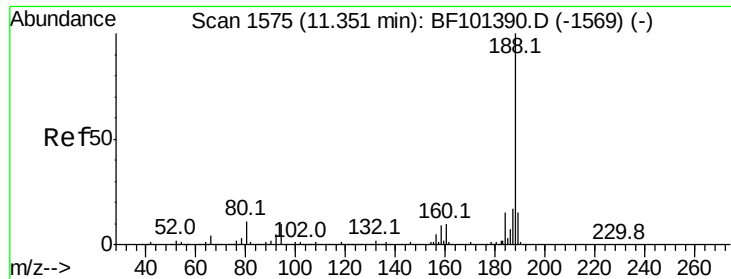
#49
Dimethylphthalate
Concen: 5.452 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	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





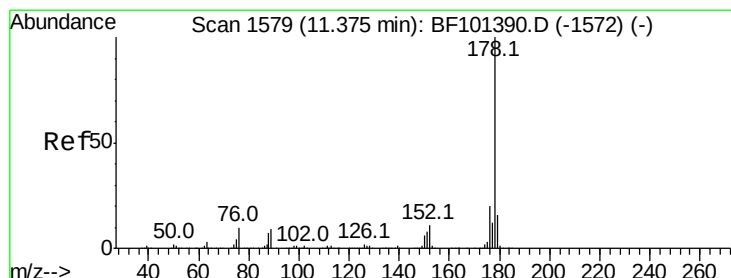
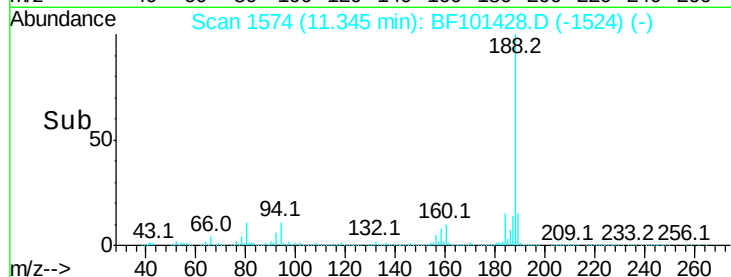
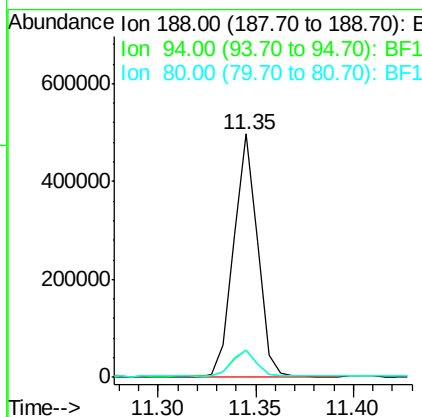
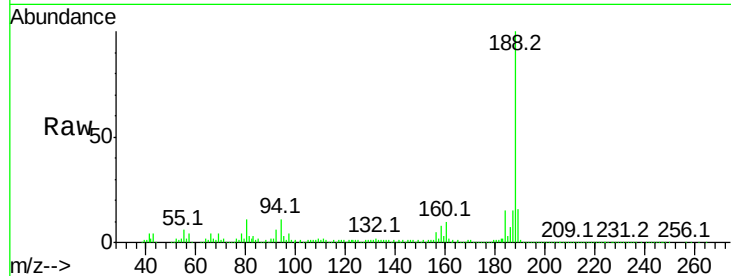
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	423567		
94	11.3		8.5	12.7
80	11.4		9.2	13.8

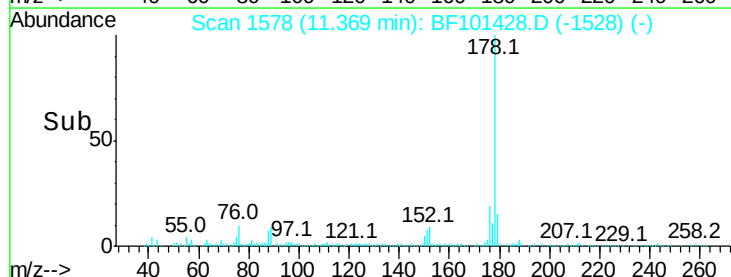
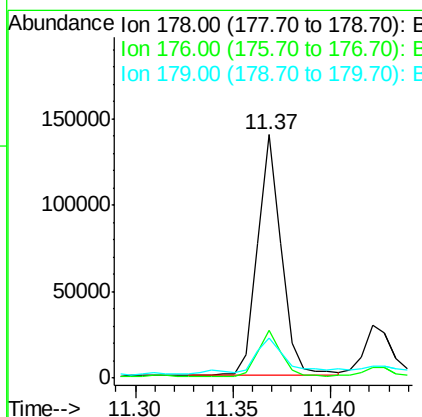
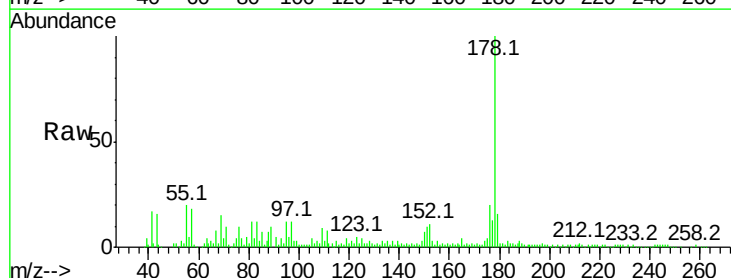
Manual Integrations
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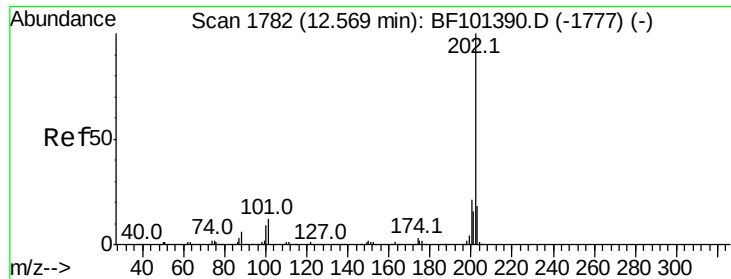
Sohil
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#70
Phenanthrene
Concen: 4.961 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	116855		
176	19.8		15.8	23.8
179	16.4		13.0	19.6





#74

Fluoranthene

Concen: 5.002 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101428.D

Acq: 15 Dec 2017 7:25

Instrument :

BNA_F

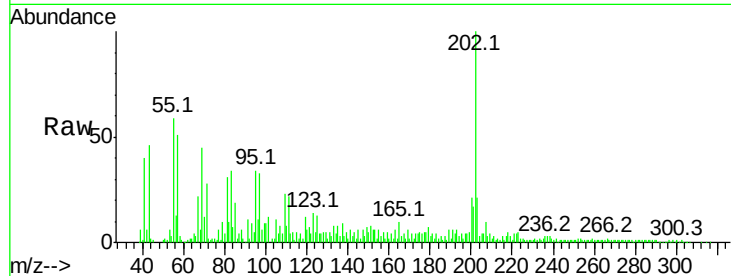
ClientSampleId :

DBEW-2-0-4

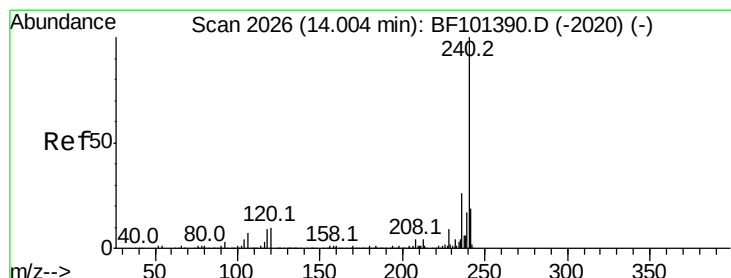
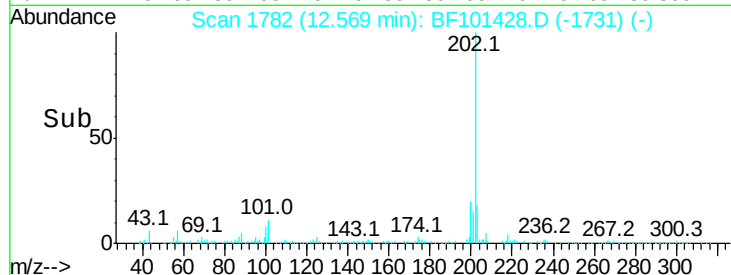
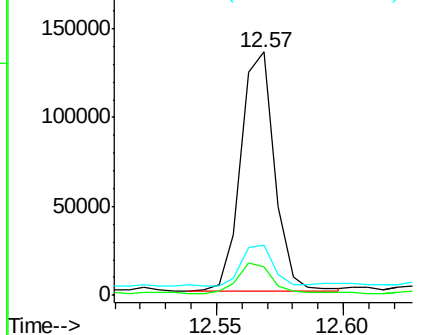
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	20.7	0.0	38.1

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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: 14.01 min Scan# 2027

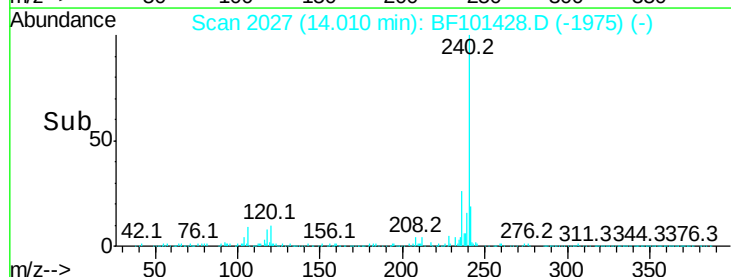
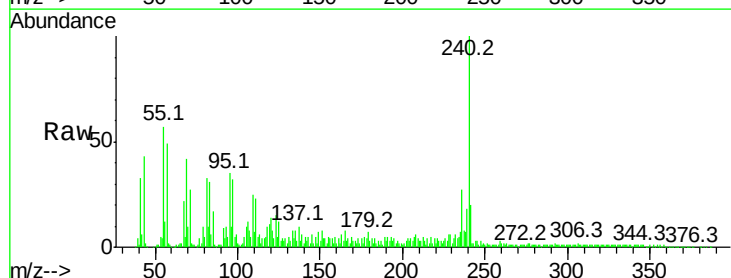
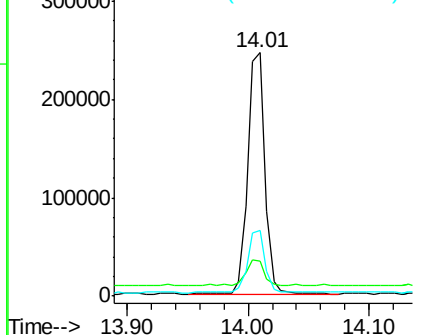
Delta R.T. 0.01 min

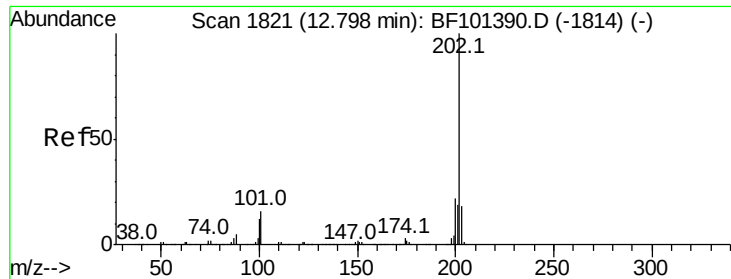
Lab File: BF101428.D

Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	9.5	14.3
236	27.0	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





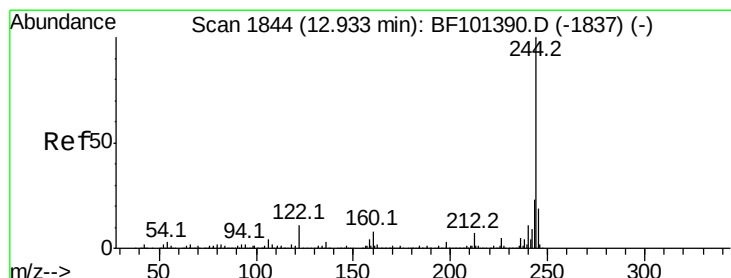
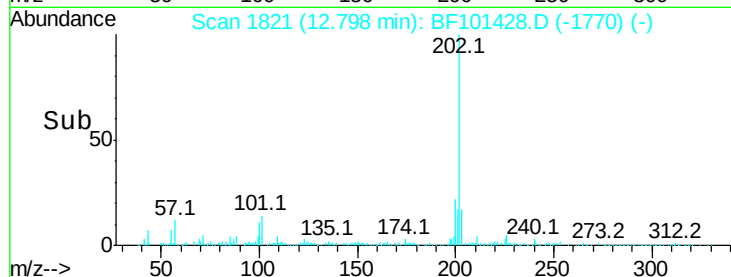
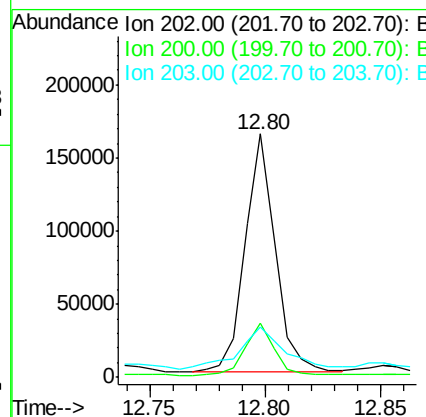
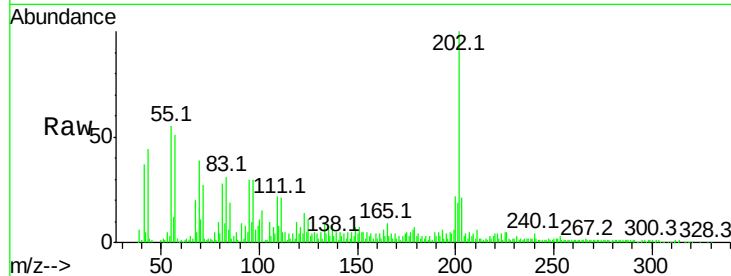
#77
Pvrene
Concen: 8.072 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	20.7	14.3	21.5

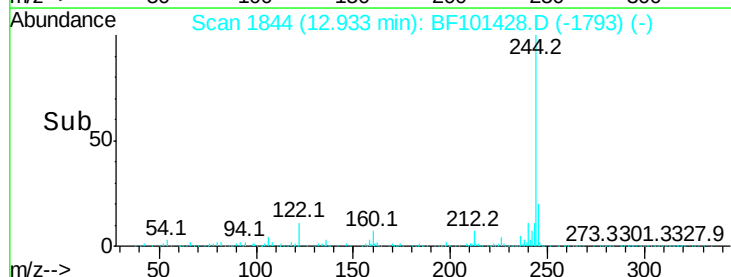
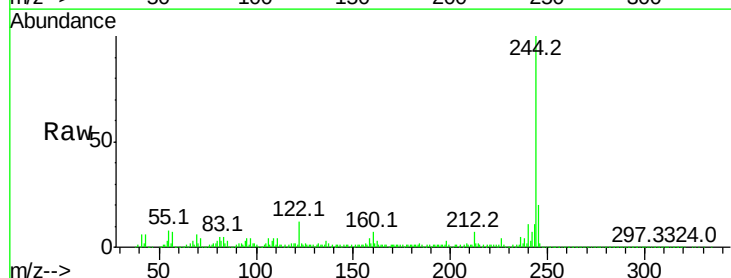
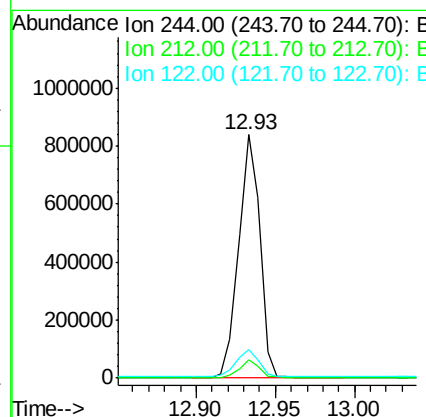
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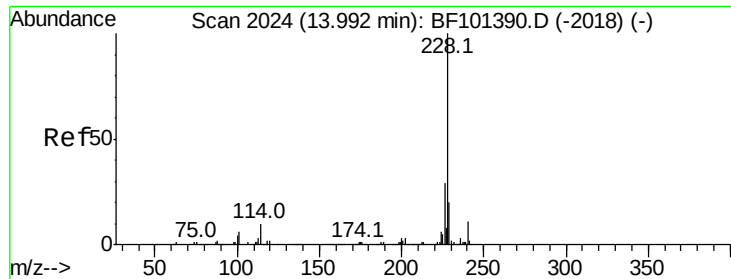
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#78
Terphenyl-d14
Concen: 77.046 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.5	11.0	16.4





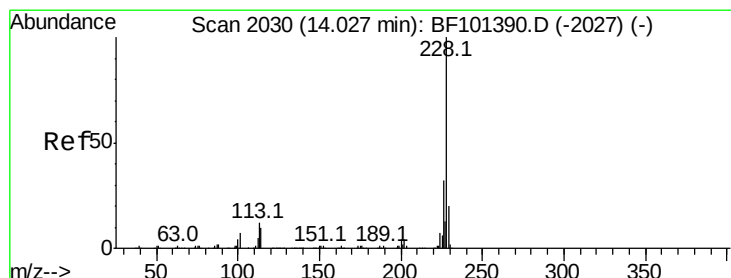
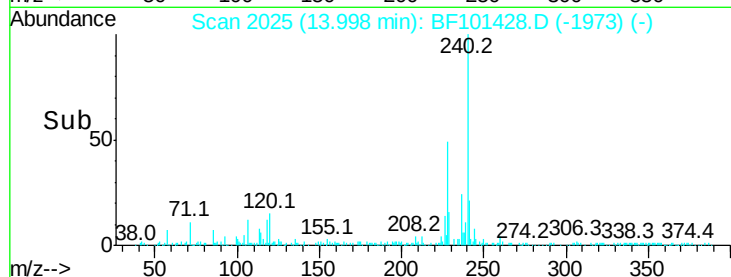
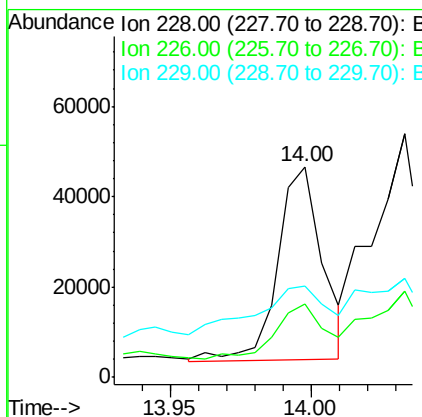
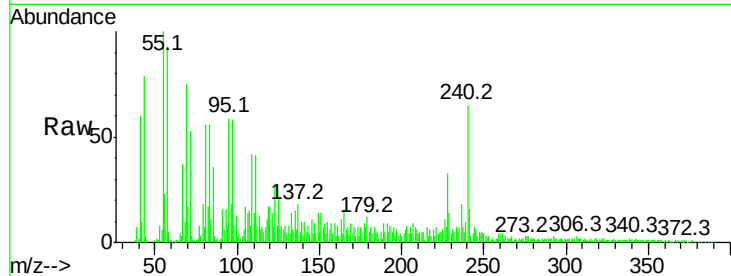
#80
Benzo(a)anthracene
Concen: 2.920 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.6	33.8#
229	43.5	15.8	23.6#

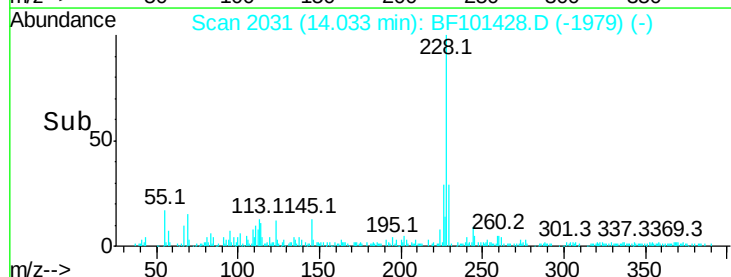
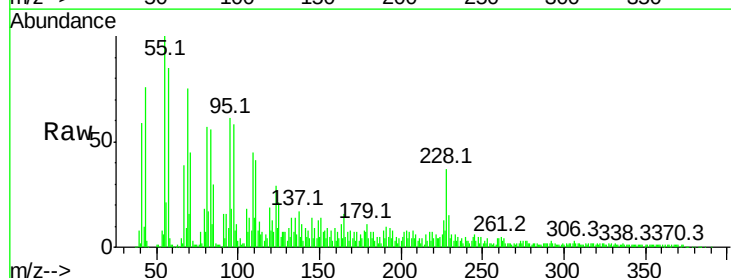
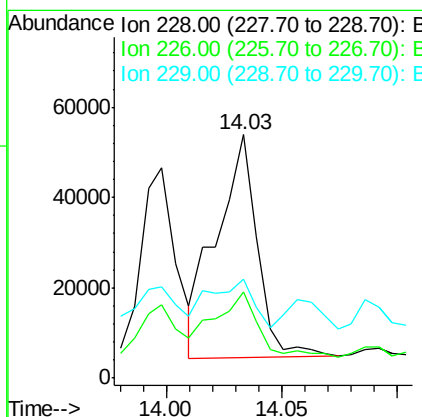
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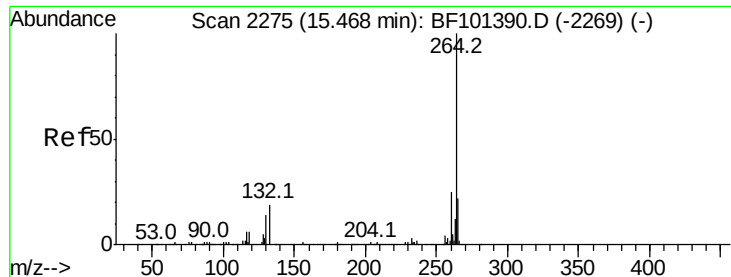
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#82
Chrysene
Concen: 4.005 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.0	37.6
229	40.8	16.2	24.4#





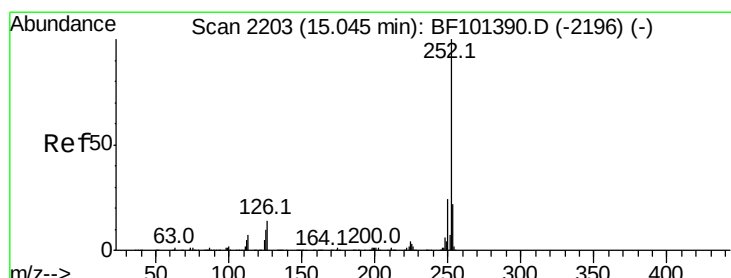
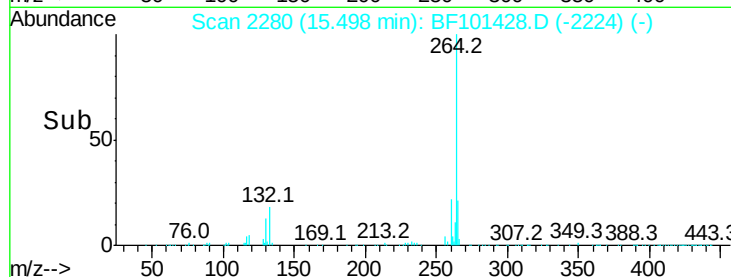
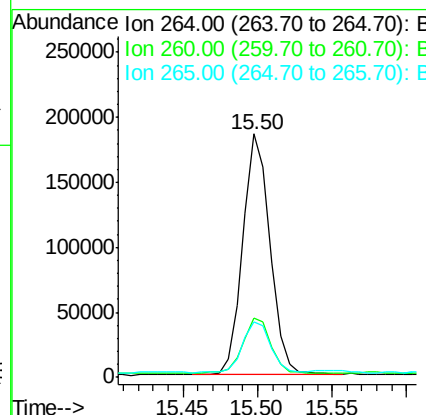
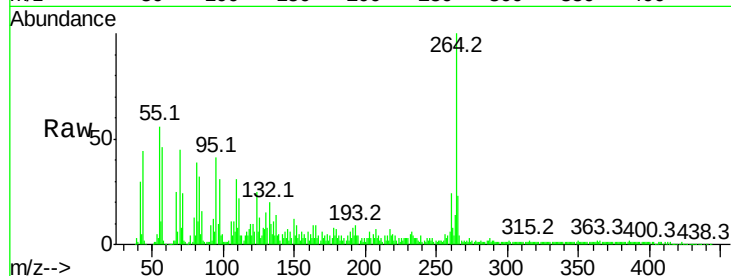
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampled :
DBEW-2-0-4

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.5	19.2	28.8	
265	22.6	17.5	26.3	

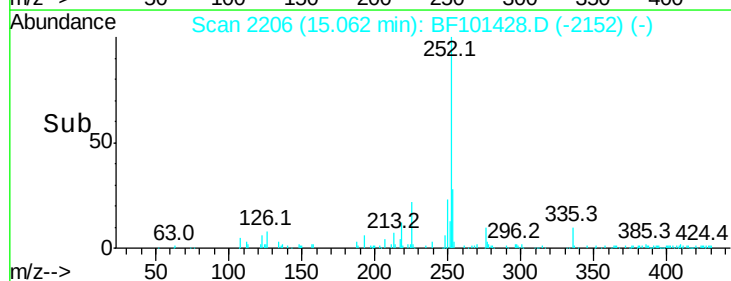
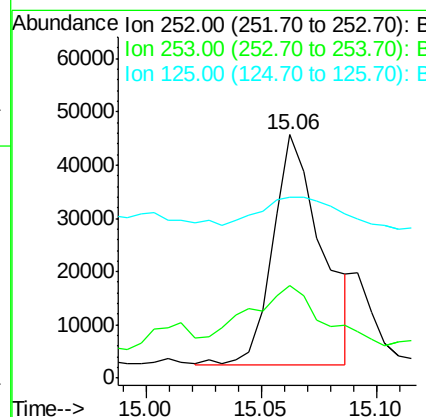
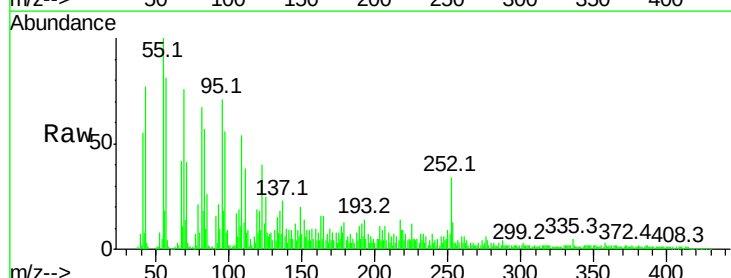
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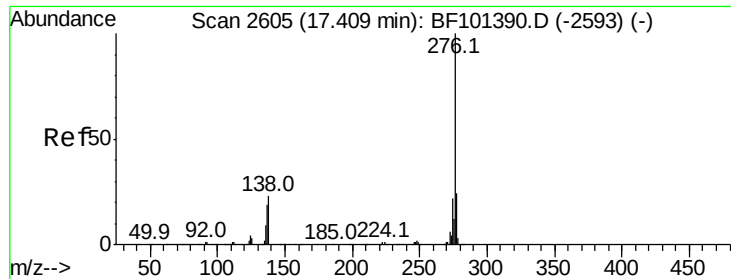
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#87
Benzo(b)fluoranthene
Concen: 4.449 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	38.2	17.0	25.6#	
125	74.2	9.0	13.6#	





#91
Benzo(a,h,i)perylene
Concen: 2.603 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.04 min
Lab File: BF101428.D
Acq: 15 Dec 2017 7:25

Instrument :
BNA_F
ClientSampleId :
DBEW-2-0-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	40.0	21.8	32.8#

Manual Integrations
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