

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103524.D
 Acq On : 8 Mar 2018 18:42
 Operator : SJ/JU
 Sample : J1828-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-SUBSTATION

Manual Integrations
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Sohil
 3/9/2018 11:39:31 AM

Quant Time: Mar 09 00:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142276	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	605061	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238371	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	368322	20.00	ng	0.00
75) Chrysene-d12	14.06	240	254496	20.00	ng	0.00
86) Perylene-d12	15.56	264	203186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	899340	95.60	ng	0.00
7) Phenol-d6	6.50	99	1106376	96.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	702544	66.31	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141663	70.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1024132	71.17	ng	0.00
78) Terphenyl-d14	12.99	244	666650	62.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	88875	4.648	ng	98
74) Fluoranthene	12.62	202	50821	2.495	ng	99
77) Pyrene	12.86	202	45000	2.268	ng	99
87) Benzo(b)fluoranthene	15.12	252	31341m	2.346	ng	

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

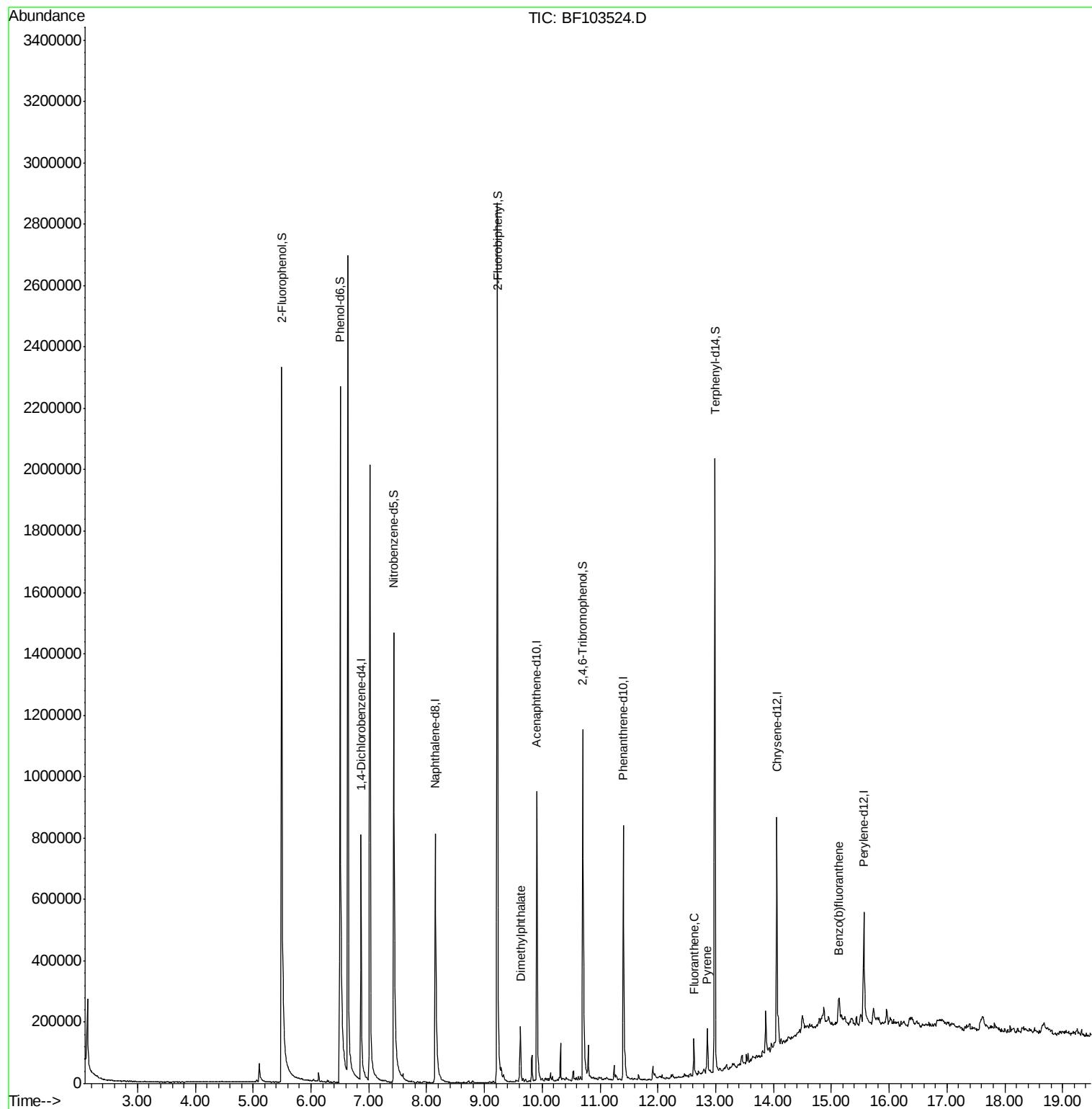
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Data File : BF103524.D
Acq On : 8 Mar 2018 18:42
Operator : SJ/JU
Sample : J1828-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

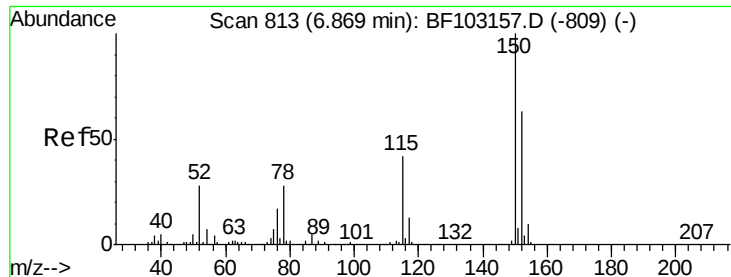
Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

Manual Integrations
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3/9/2018 11:39:31 AM

Quant Time: Mar 09 00:37:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Response via : Initial Calibration





#1

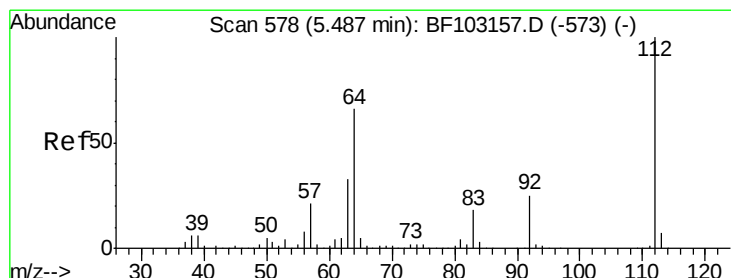
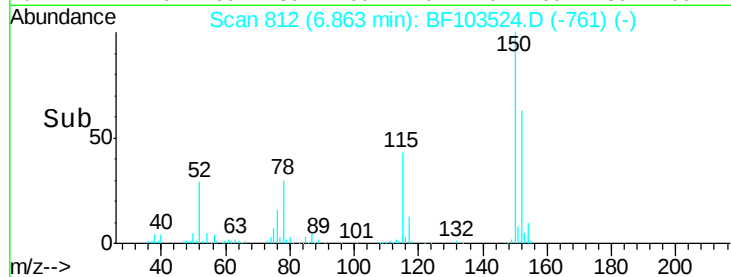
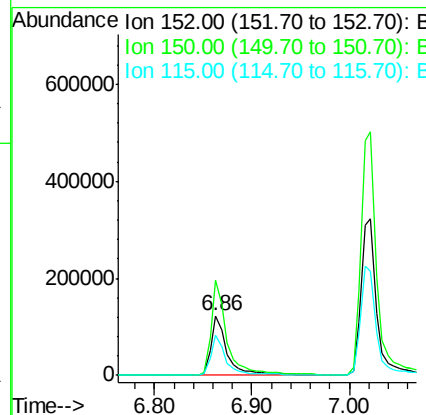
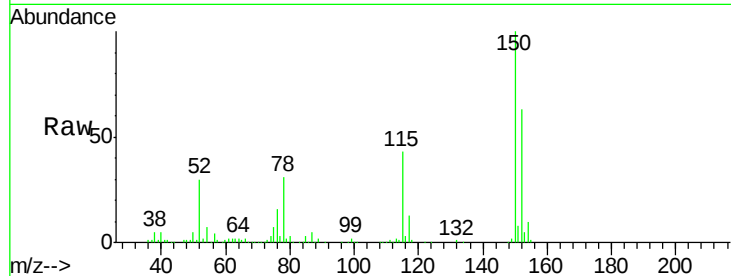
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	68.1	50.1	75.1

Manual Integrations
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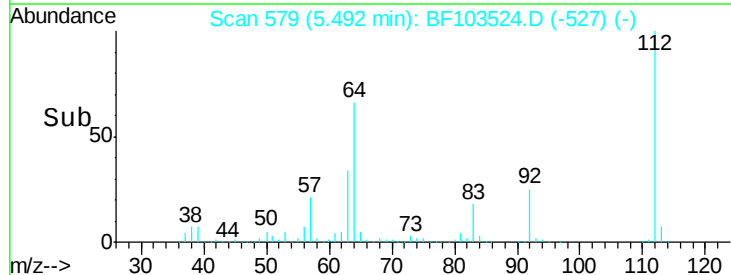
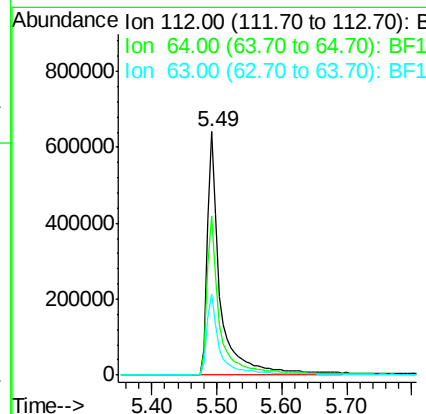
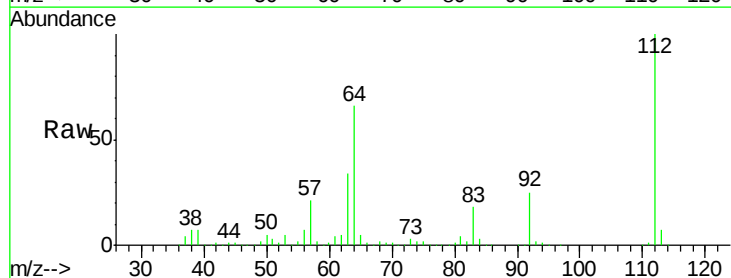
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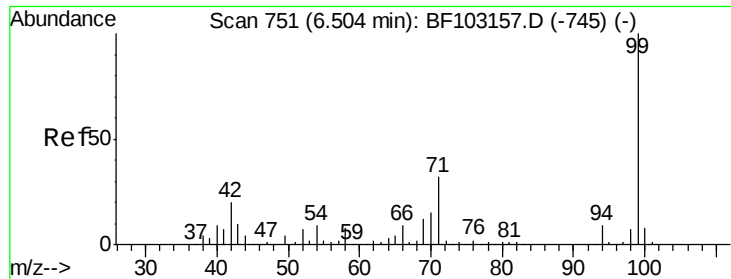


#5

2-Fluorophenol
Concen: 95.602 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 96.114 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

ClientSampleId :

STONE-SUBSTATION

Tot Ion: 99 Resp: 1106376

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

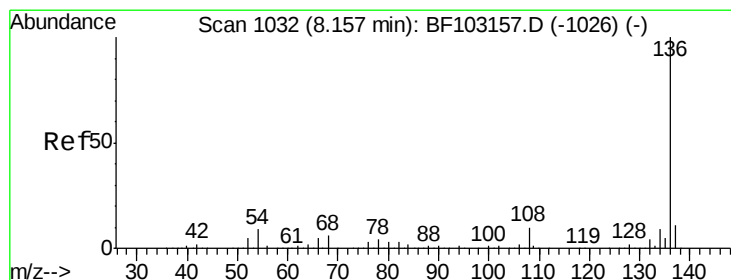
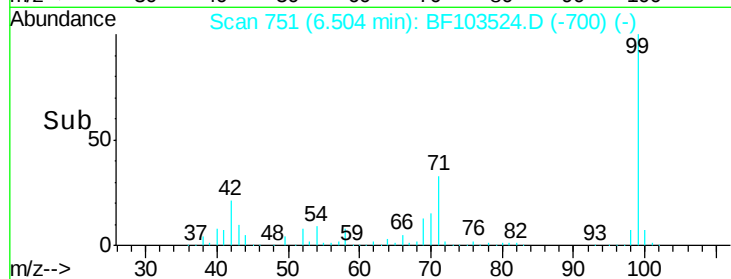
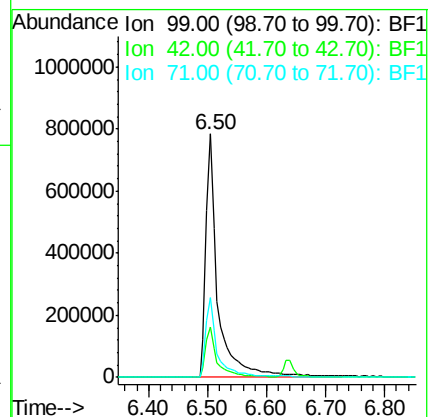
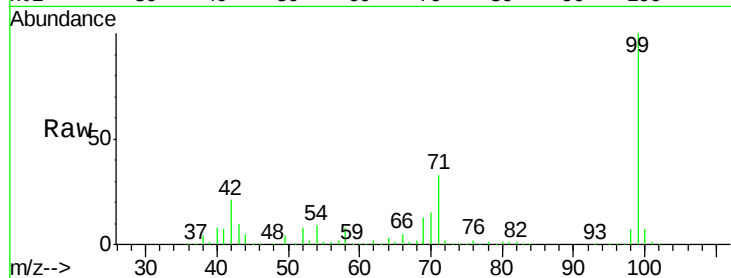
71 32.6 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Tgt Ion: 136 Resp: 605061

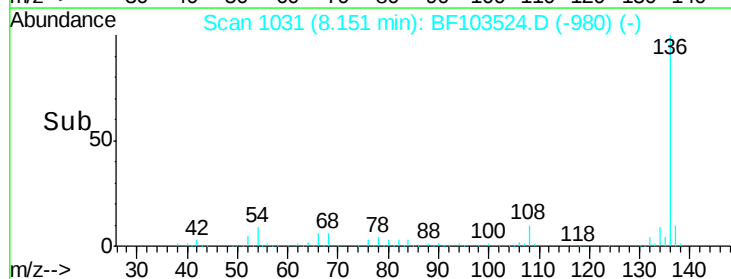
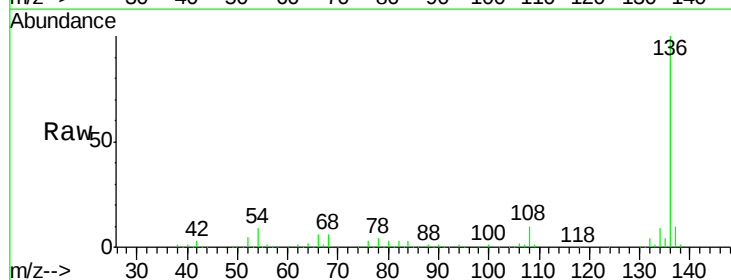
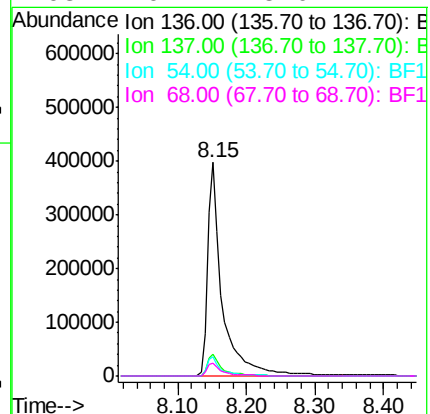
Ion Ratio Lower Upper

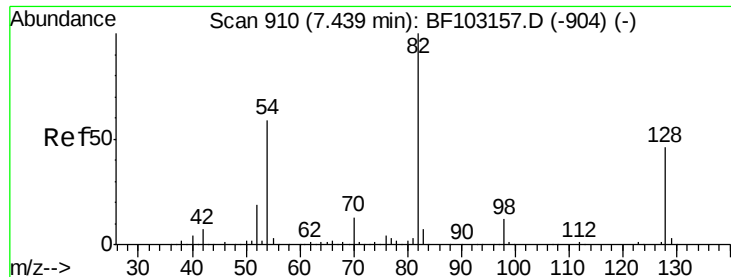
136 100

137 10.0 8.9 13.3

54 9.2 6.6 9.8

68 6.2 5.0 7.4





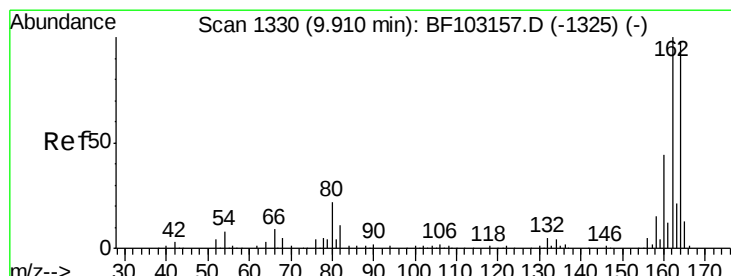
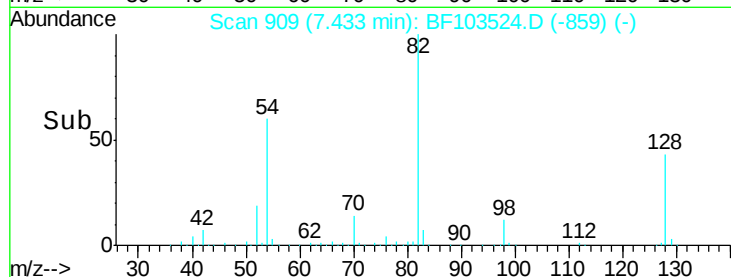
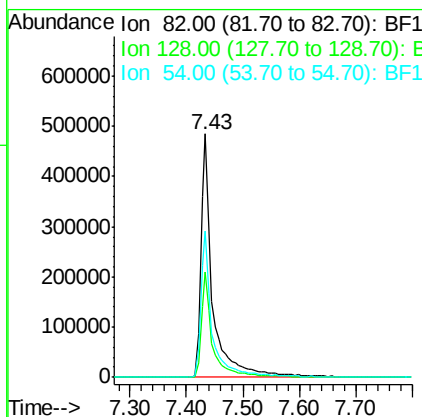
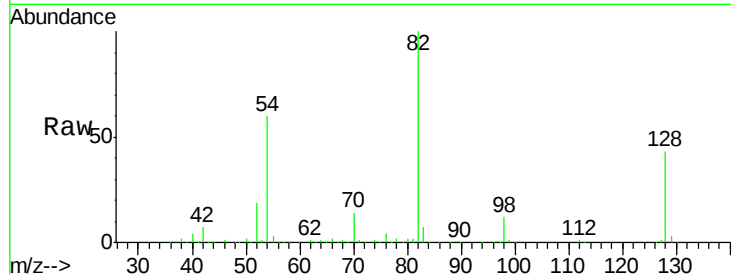
#23
Nitrobenzene-d5
Concen: 66.309 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	59.9	41.4	62.2

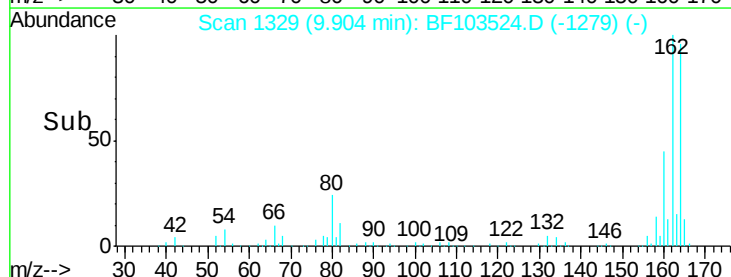
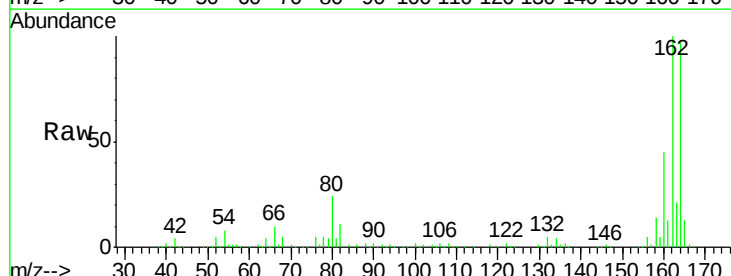
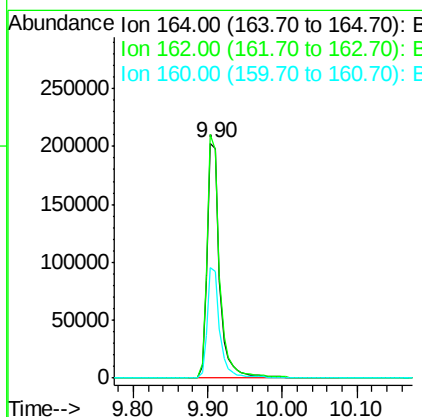
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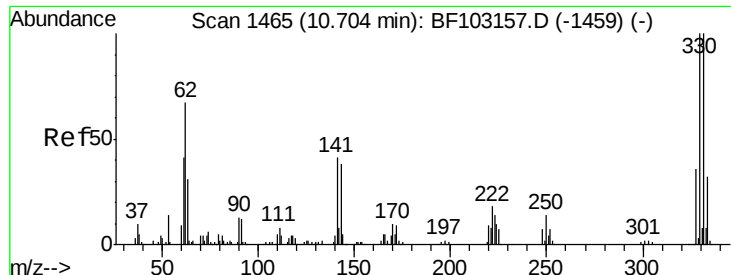
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.9	38.3	57.5





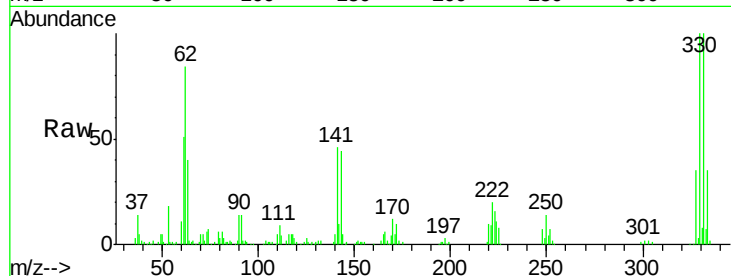
#41
 2,4,6-Tribromophenol
 Concen: 70.211 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 STONE-SUBSTATION

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	51.9	29.9	44.9

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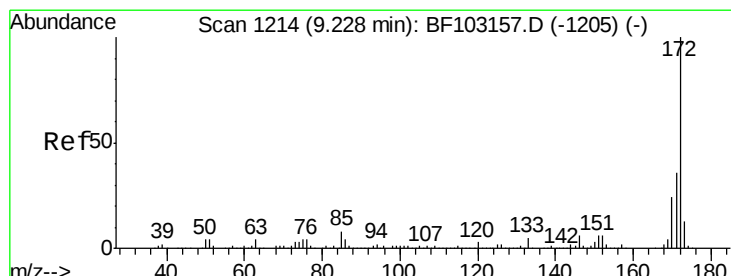
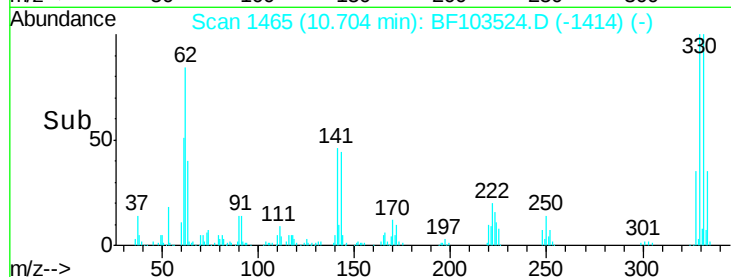
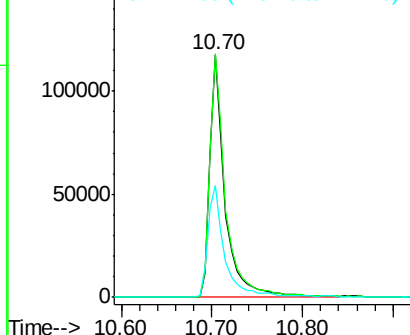


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.171 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103524.D
 Acq: 8 Mar 2018 18:42

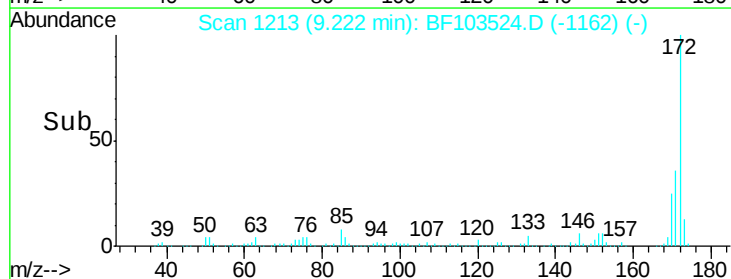
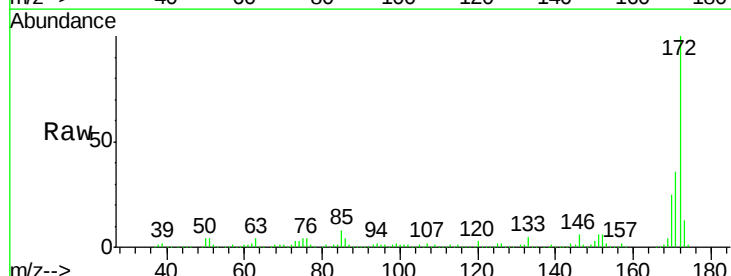
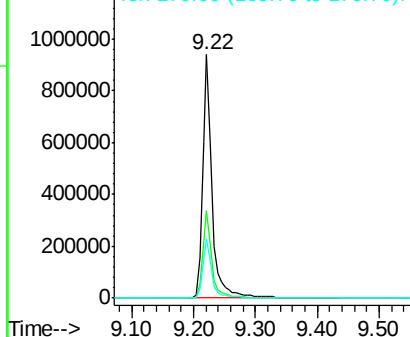
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4

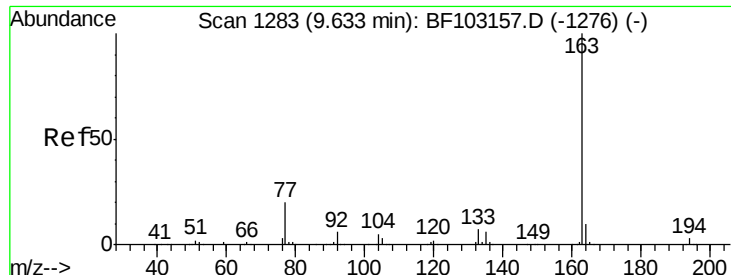
Abundance

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





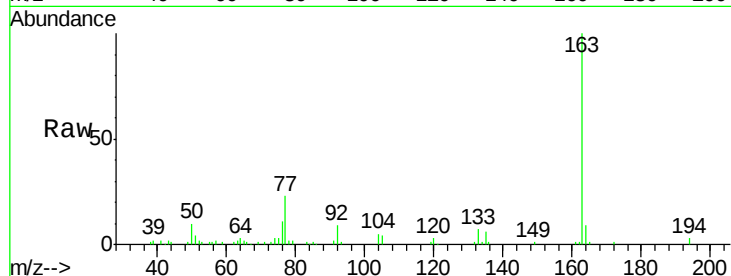
#49
Dimethylphthalate
Concen: 4.648 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

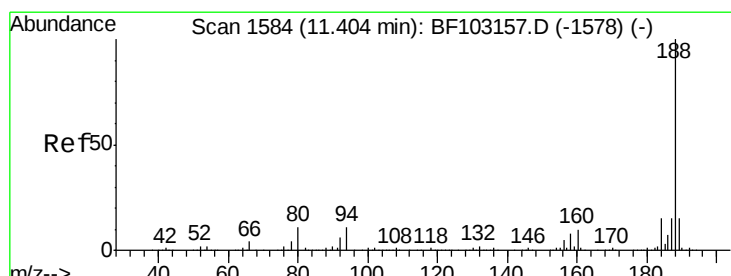
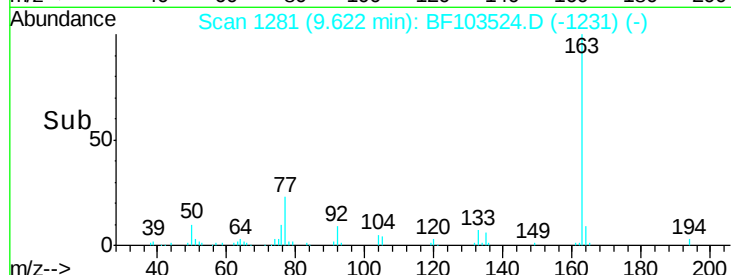
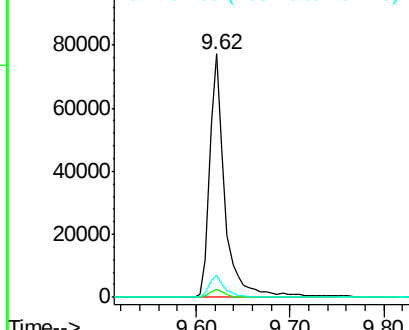
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.2	8.2	12.2

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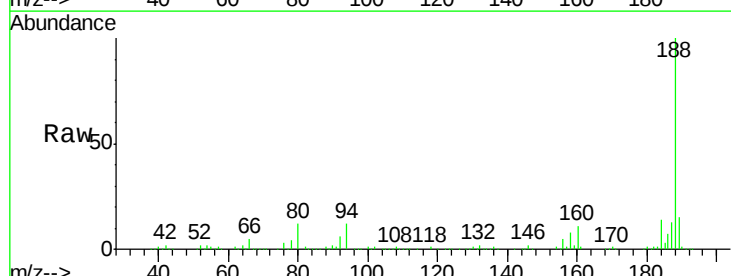


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

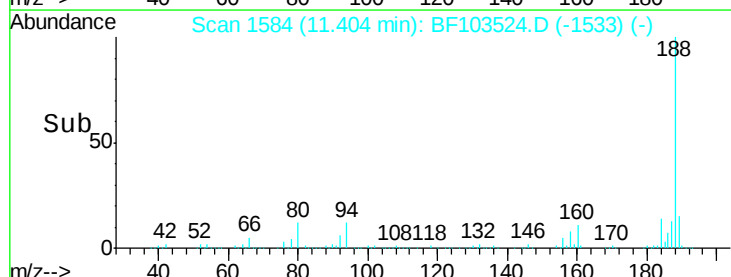
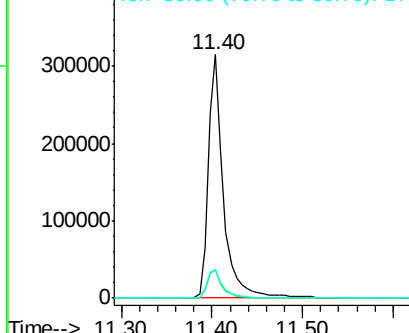


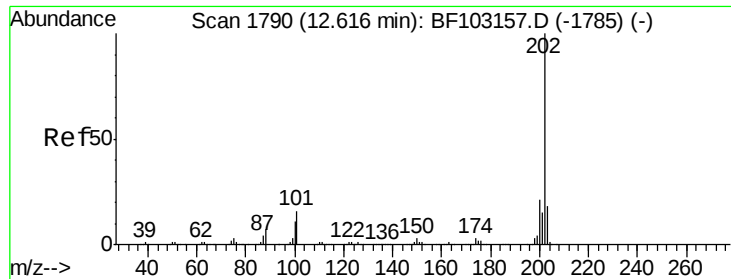
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.495 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Instrument :

BNA_F

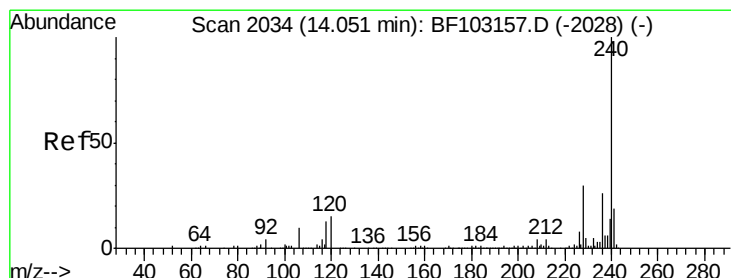
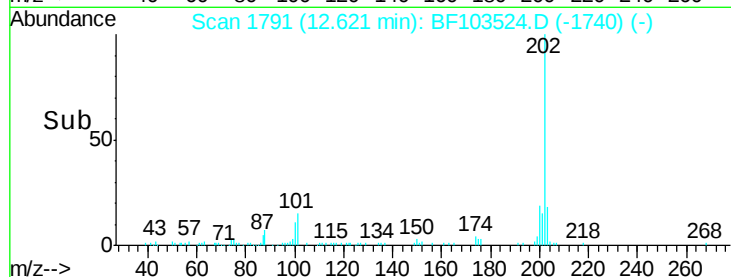
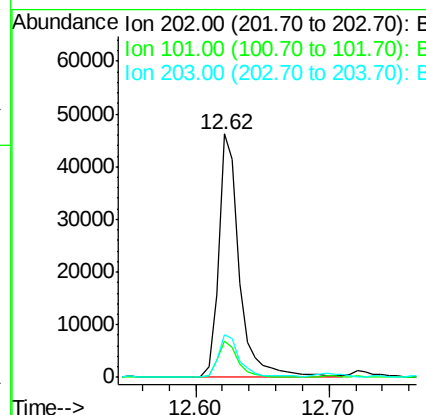
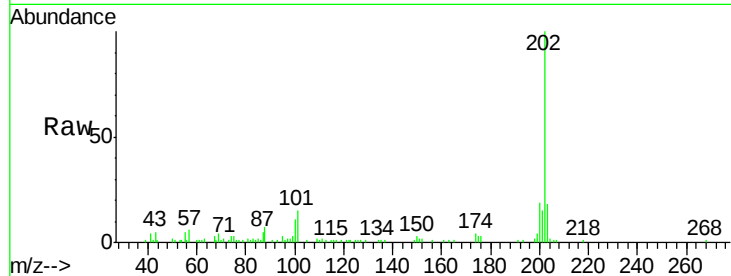
ClientSampleId :

STONE-SUBSTATION

Tot Ion:	202	Resp:	50821
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

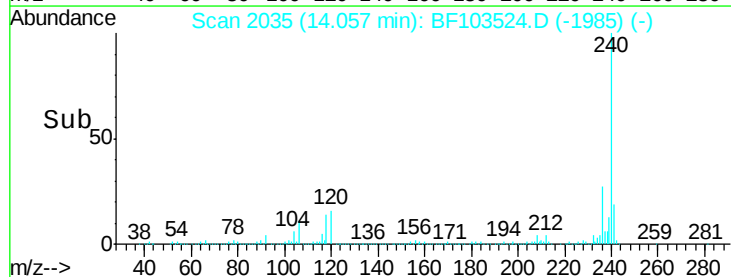
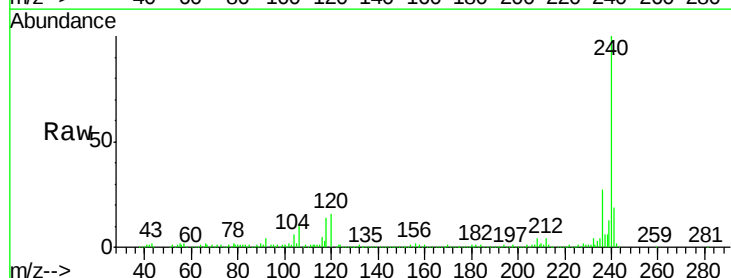
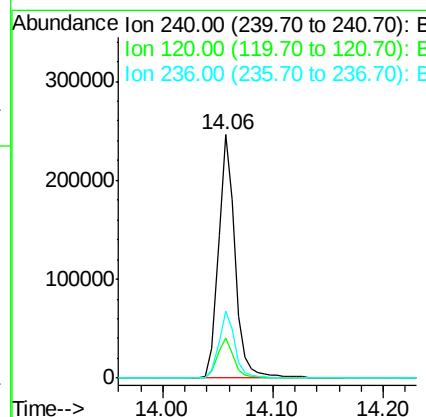
RT: 14.06 min Scan# 2035

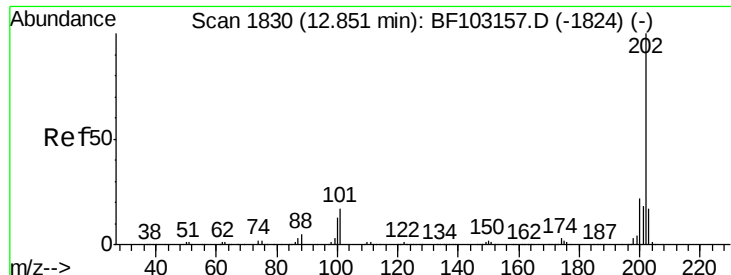
Delta R.T. -0.01 min

Lab File: BF103524.D

Acq: 8 Mar 2018 18:42

Tgt Ion:	240	Resp:	254496
Ion Ratio	Lower	Upper	
240	100		
120	16.4	9.5	14.3#
236	27.5	20.7	31.1





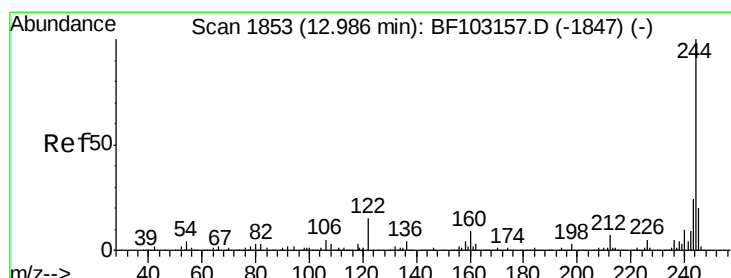
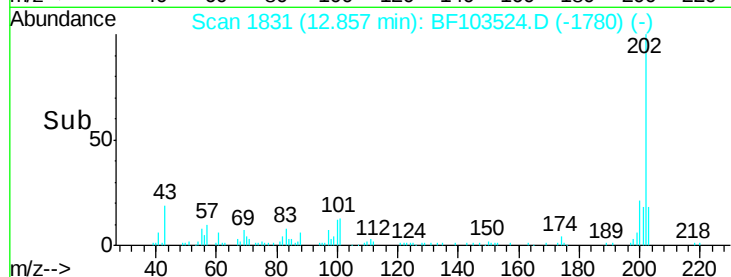
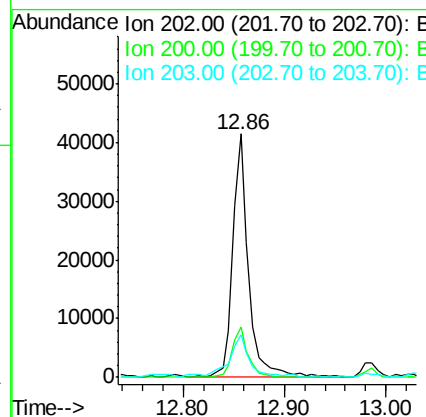
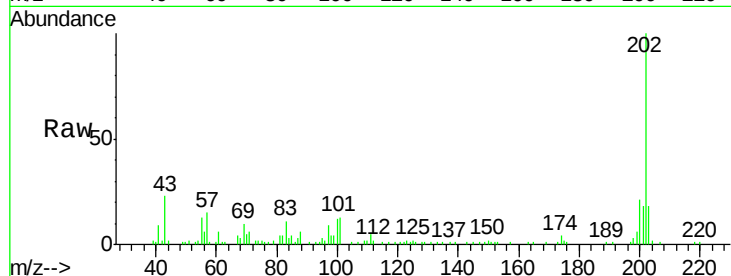
#77
Pvrene
Concen: 2.268 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.3	21.5

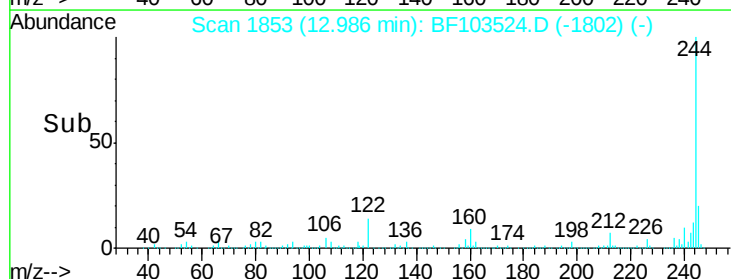
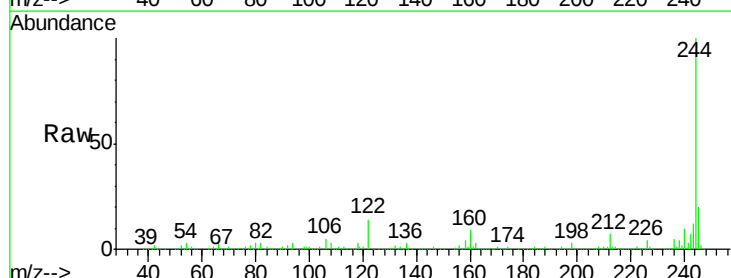
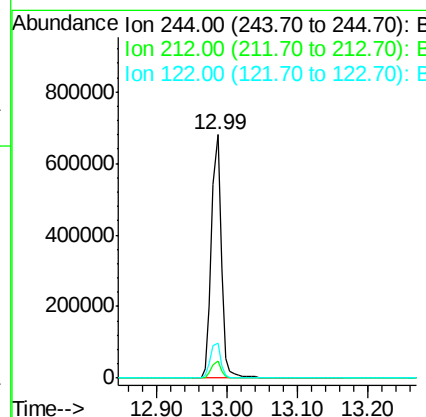
Manual Integrations
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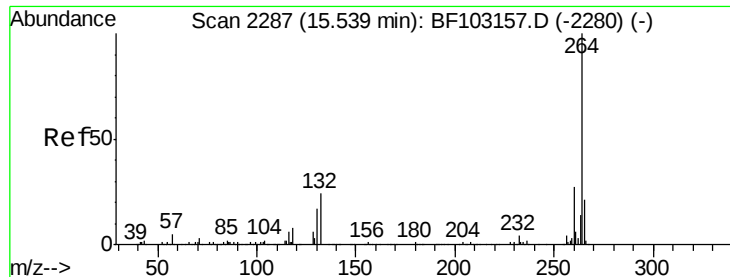
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#78
Terphenyl-d14
Concen: 62.969 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.2	11.0	16.4





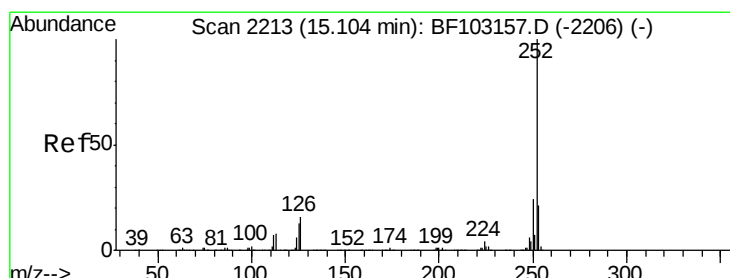
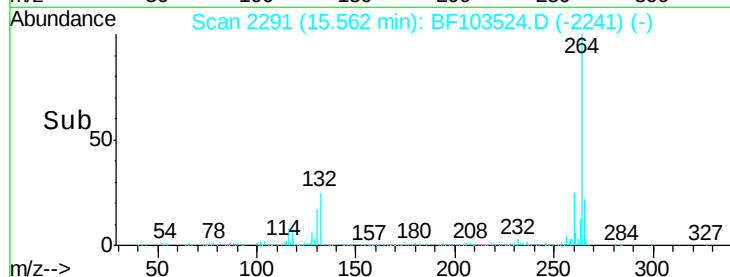
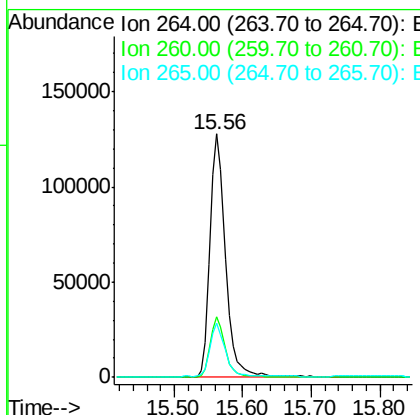
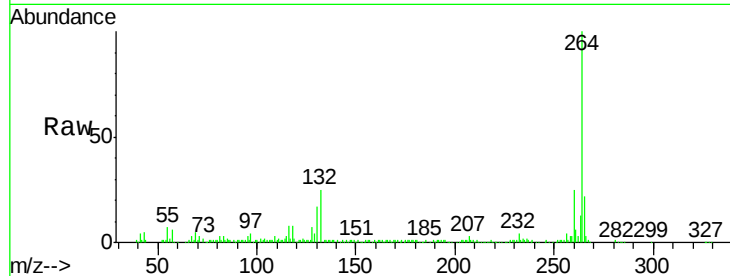
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Instrument :
BNA_F
ClientSampleId :
STONE-SUBSTATION

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/9/2018 11:39:31 AM



#87
Benzo(b)fluoranthene
Concen: 2.346 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103524.D
Acq: 8 Mar 2018 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	22.2	9.0	13.6

