

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101336.D
 Acq On : 12 Dec 2017 18:11
 Operator : SJ/JU
 Sample : I6822-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(13-15)

Manual Integrations
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 12/13/2017 12:07:40 PM

Quant Time: Dec 13 02:59:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46798	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	179274	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	79059	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	141948	20.00	ng	0.00
75) Chrysene-d12	14.00	240	104844	20.00	ng	0.00
86) Perylene-d12	15.48	264	87790	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	322036	113.71	ng	0.00
7) Phenol-d6	6.46	99	391546	113.88	ng	0.00
23) Nitrobenzene-d5	7.39	82	235279	78.29	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	97852	103.03	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	489392	84.69	ng	0.00
78) Terphenyl-d14	12.94	244	407894	85.10	ng	0.00
Target Compounds						
10) Phenol	6.47	94	11165	2.920	ng	85
49) Dimethylphthalate	9.57	163	59172	9.281	ng	# 98
70) Phenanthrene	11.37	178	20552	2.629	ng	98
74) Fluoranthene	12.57	202	43988	5.076	ng	96
77) Pyrene	12.80	202	38371	5.304	ng	96
80) Benzo(a)anthracene	13.99	228	20937	3.163	ng	95
82) Chrysene	14.03	228	18484	3.007	ng	91
83) Bis(2-ethylhexyl)phthalate	13.96	149	20227	4.448	ng	94
87) Benzo(b)fluoranthene	15.05	252	21987m	4.181	ng	
89) Benzo(a)pyrene	15.42	252	15887	3.323	ng	97
91) Benzo(g,h,i)perylene	17.42	276	8612	2.168	ng	# 91

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

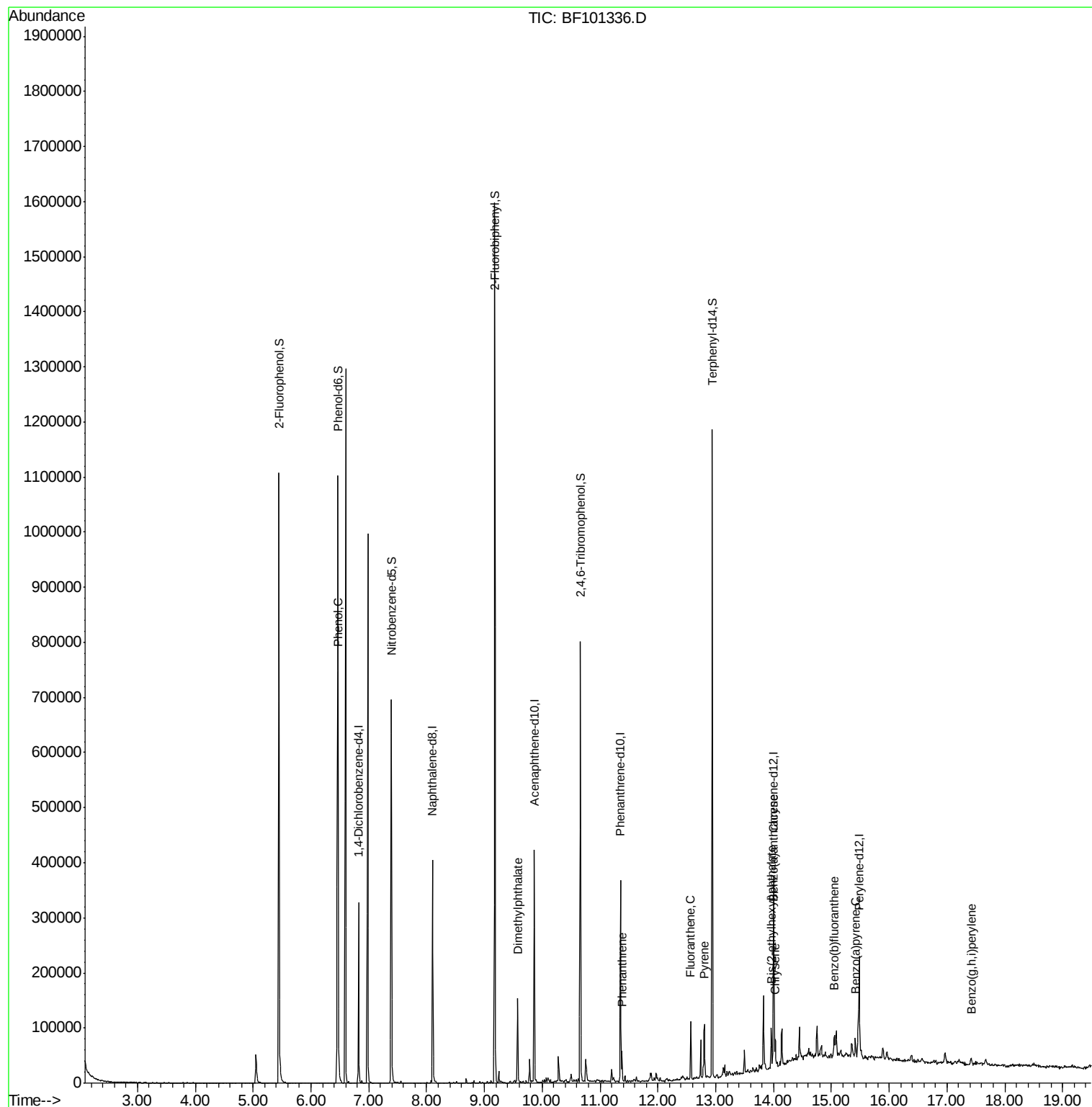
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101336.D
Acq On : 12 Dec 2017 18:11
Operator : SJ/JU
Sample : I6822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

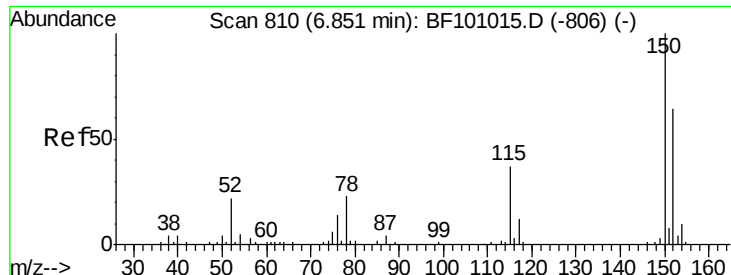
Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)

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Quant Time: Dec 13 02:59:37 2017
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Response via : Initial Calibration





#1

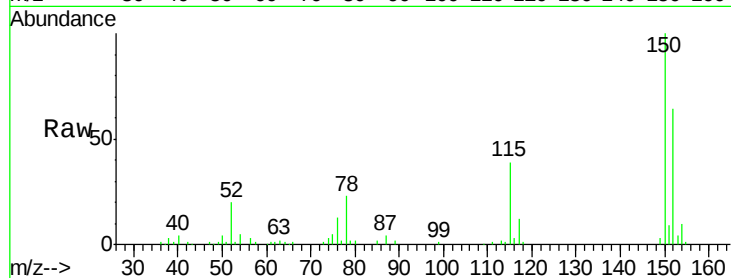
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampled :
SB-1(13-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.5	50.1	75.1

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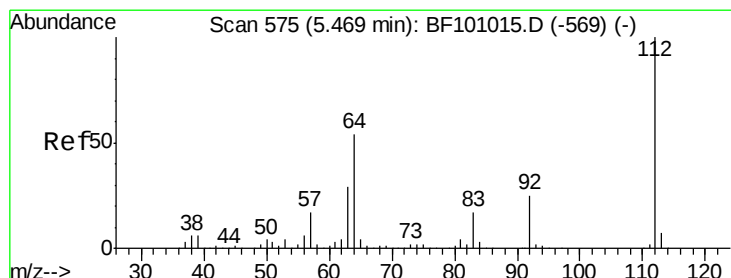
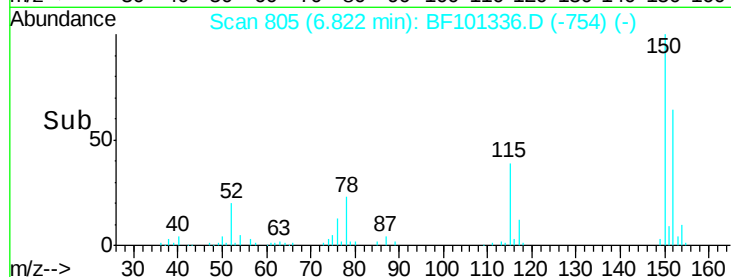
Abundance

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

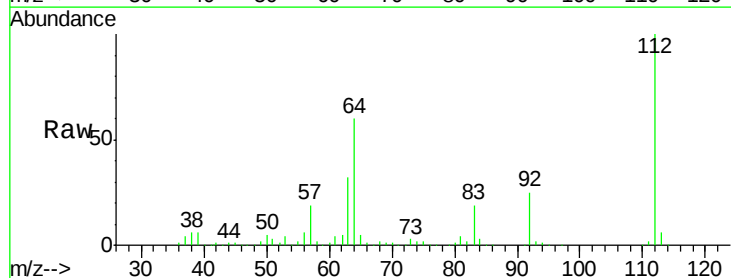
Time-->



#5

2-Fluorophenol
Concen: 113.711 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	31.6	23.7	35.5



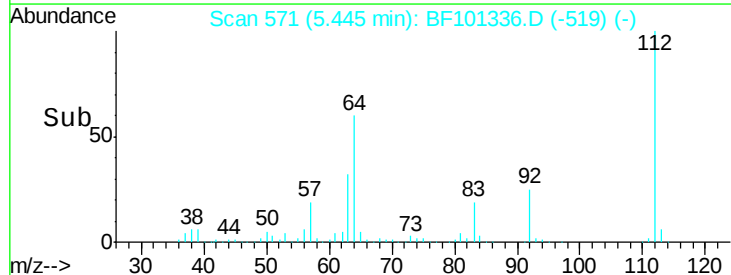
Abundance

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

Time-->





#7

Phenol-d6

Concen: 113.875 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Instrument :

BNA_F

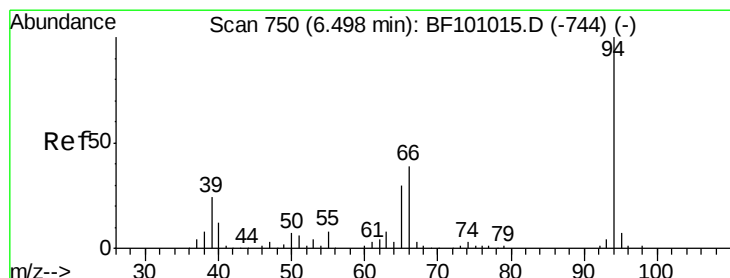
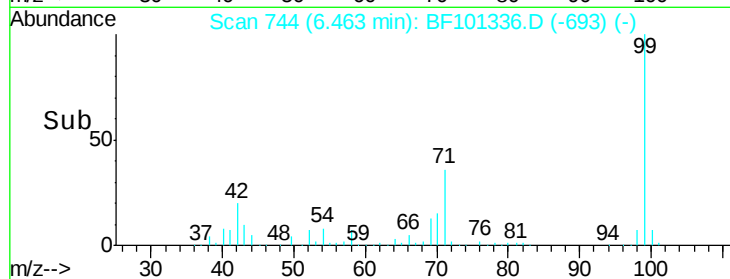
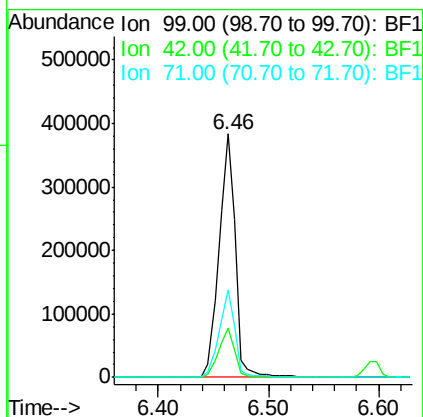
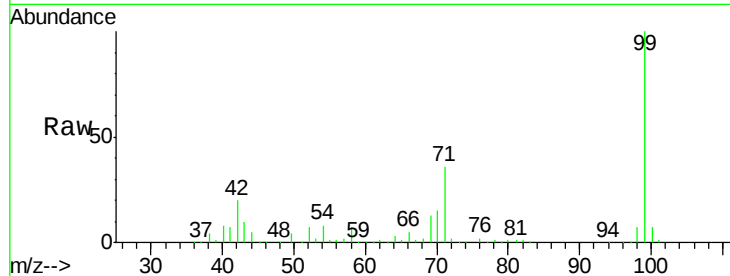
ClientSampled :

SB-1(13-15)

Tot Ion:	99	Resp:	391546
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	35.8	25.4	38.0

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#10

Phenol

Concen: 2.920 ng

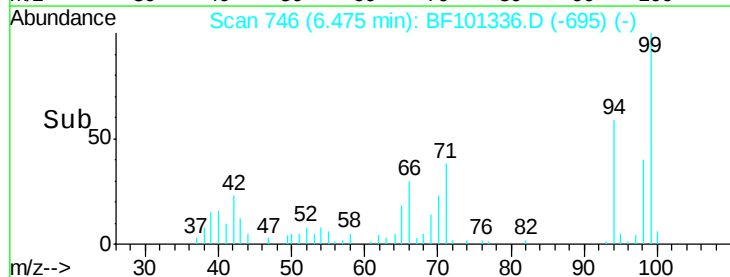
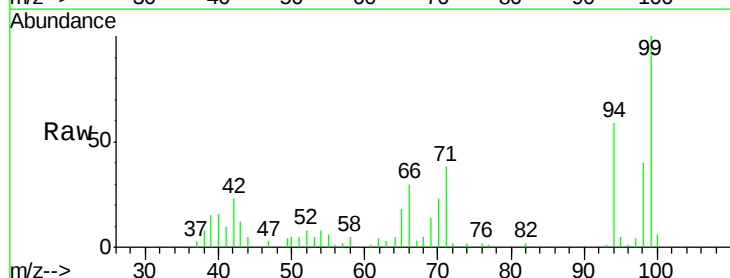
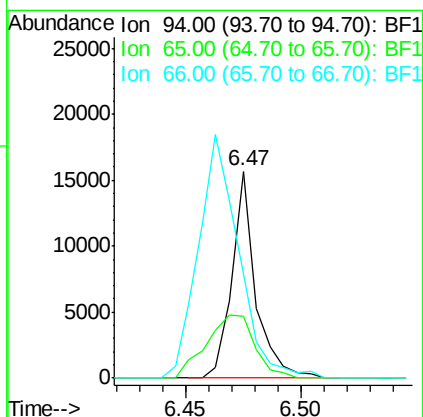
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Tgt Ion:	94	Resp:	11165
Ion Ratio	Lower	Upper	
94	100		
65	30.2	7.9	47.9
66	50.1	16.2	56.2





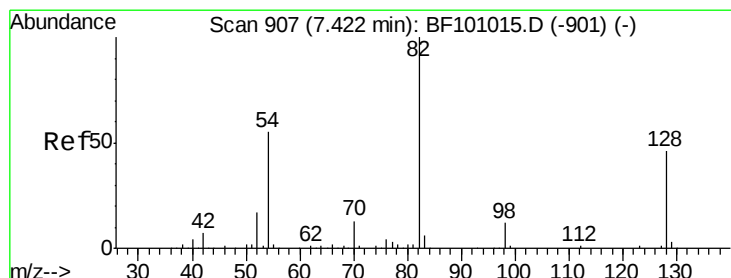
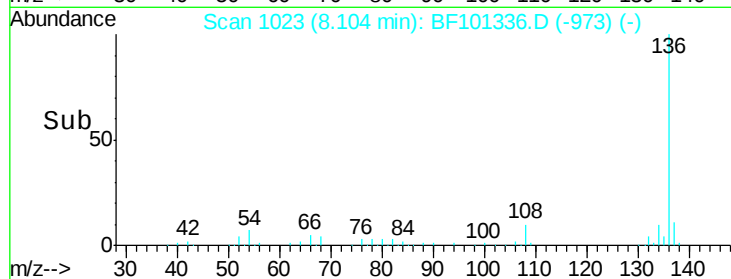
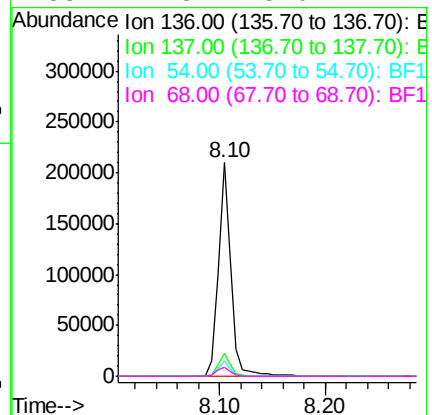
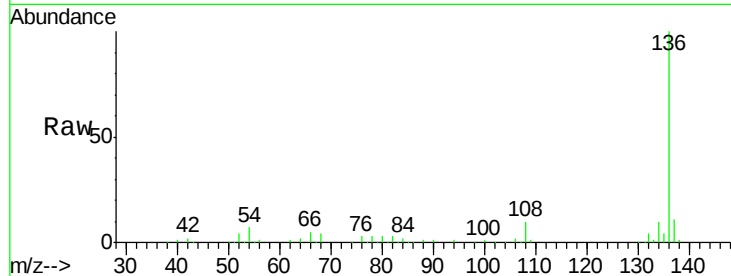
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	179274		
137	10.9		8.9	13.3
54	7.4		6.6	9.8
68	4.3		5.0	7.4#

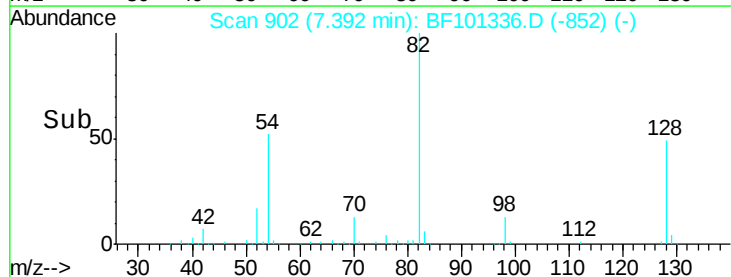
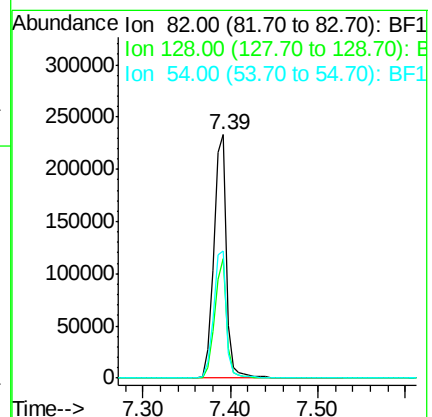
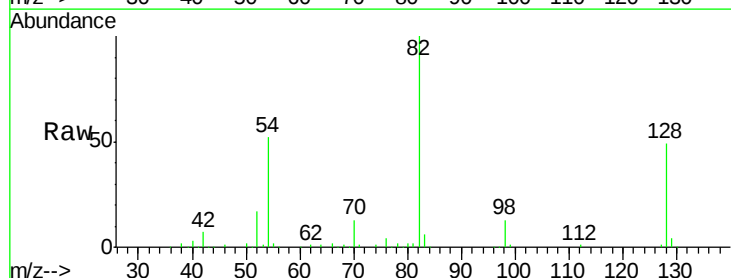
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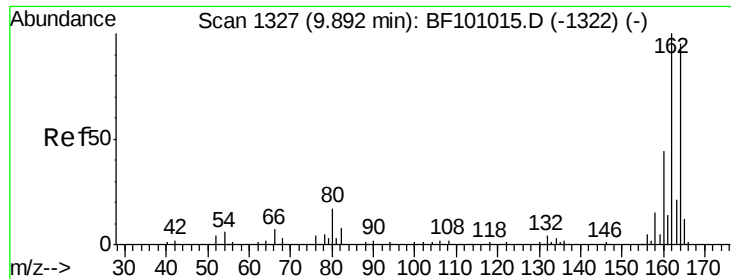
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#23
Nitrobenzene-d5
Concen: 78.289 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	235279		
128	49.2		36.1	54.1
54	52.4		41.4	62.2





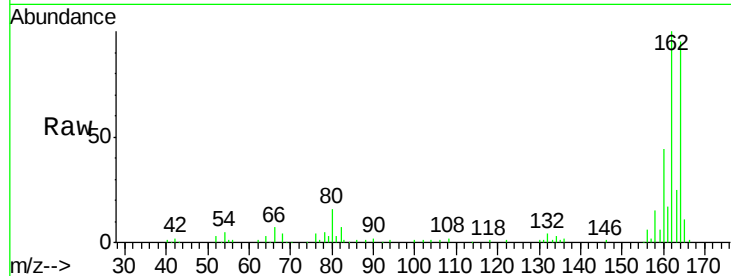
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampled :
SB-1(13-15)

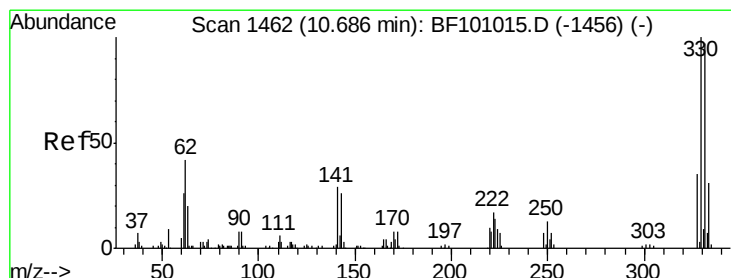
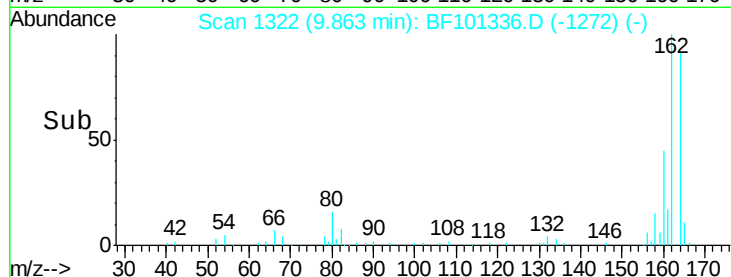
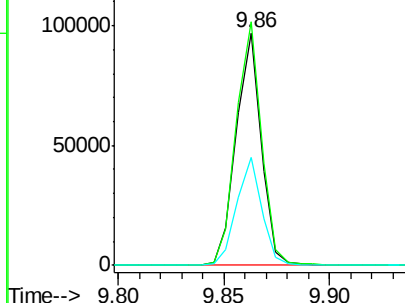
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.6	38.3	57.5

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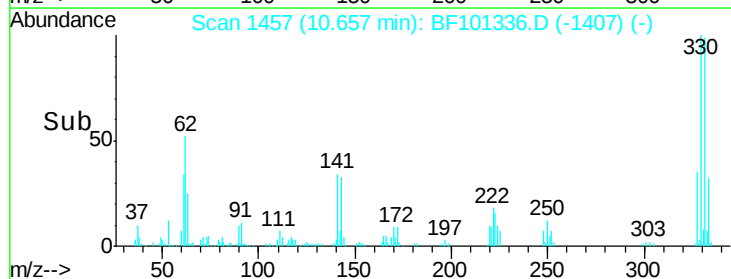
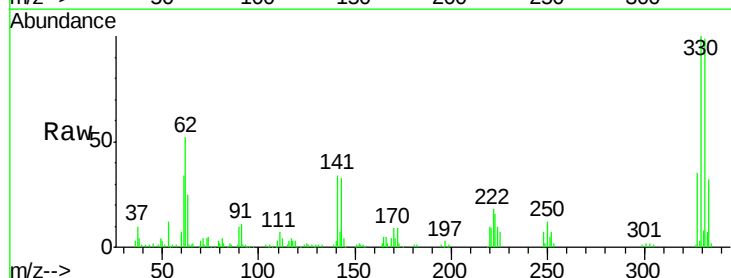
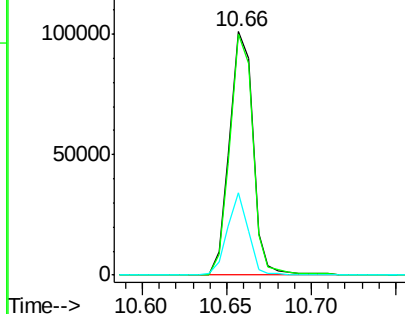
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 103.032 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.0	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





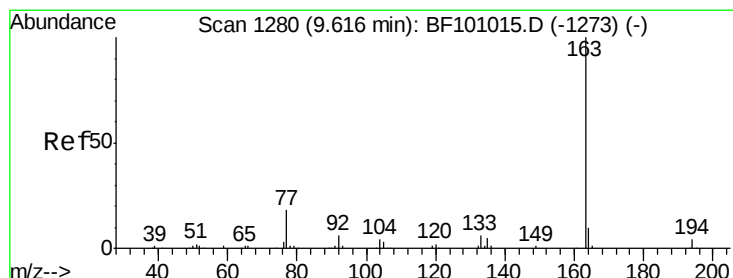
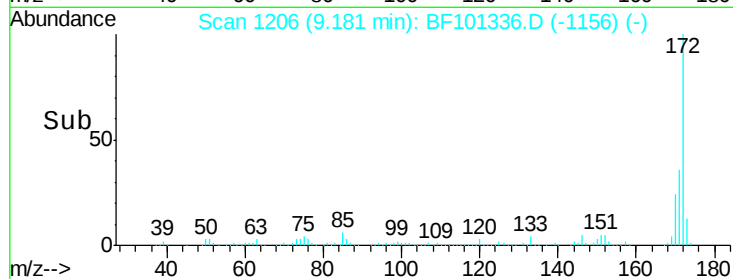
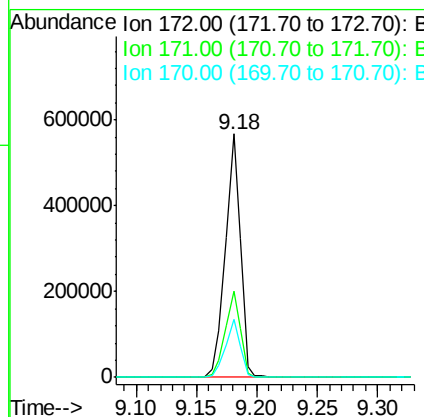
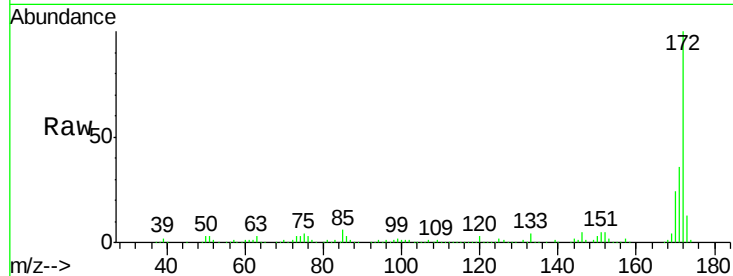
#44
2-Fluorobiphenyl
Concen: 84.694 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	489392		
171	35.7	29.7	44.5	
170	23.7	19.6	29.4	

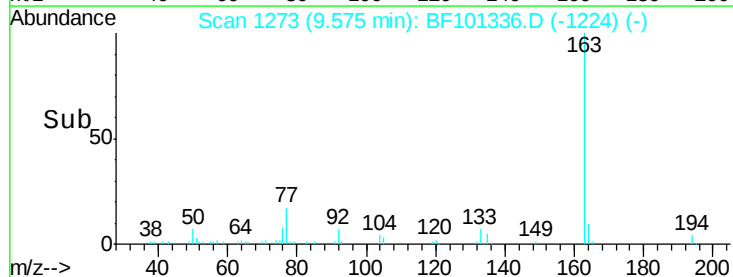
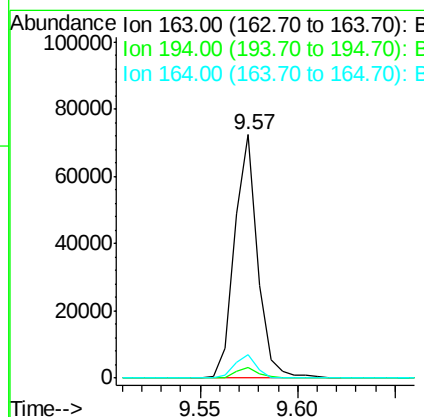
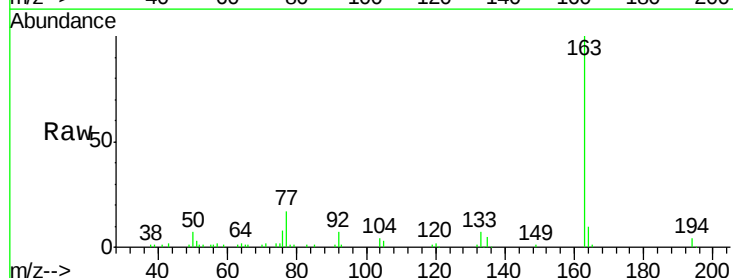
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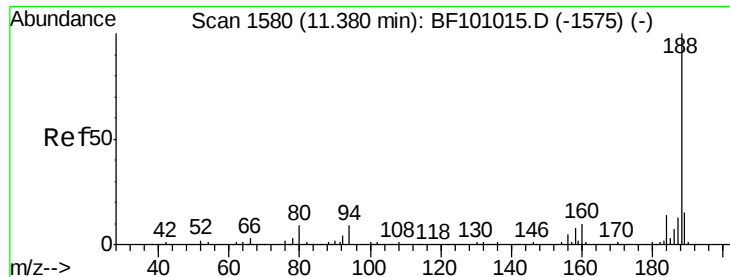
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#49
Dimethylphthalate
Concen: 9.281 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	59172		
194	4.2	2.7	4.1#	
164	9.7	8.2	12.2	





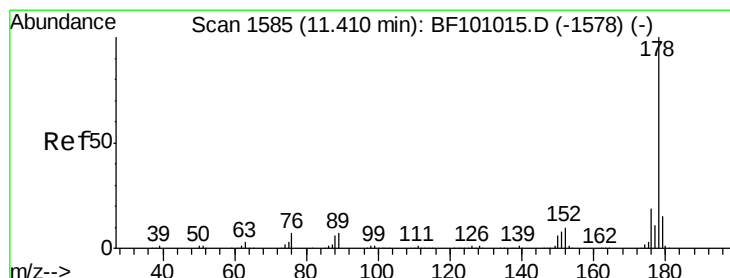
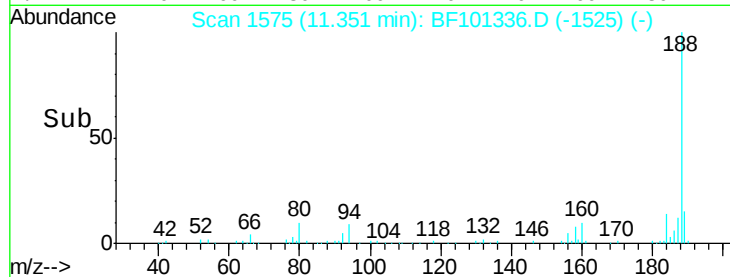
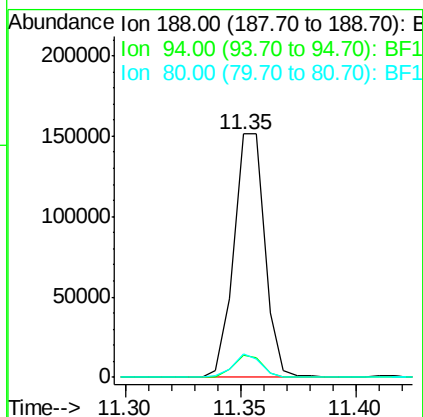
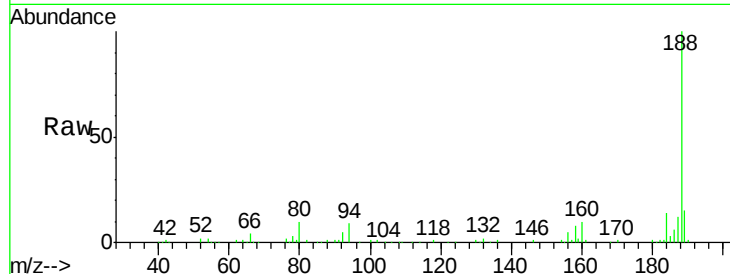
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampled :
SB-1(13-15)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.6	9.2	13.8

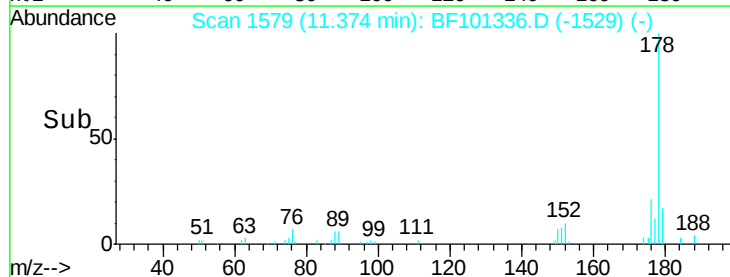
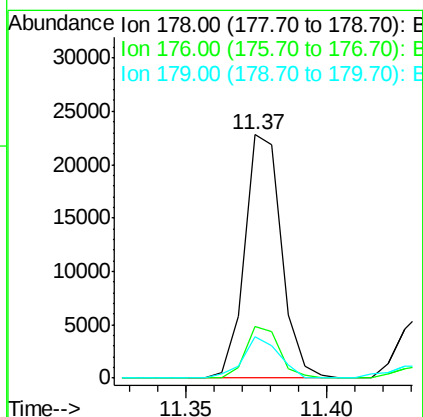
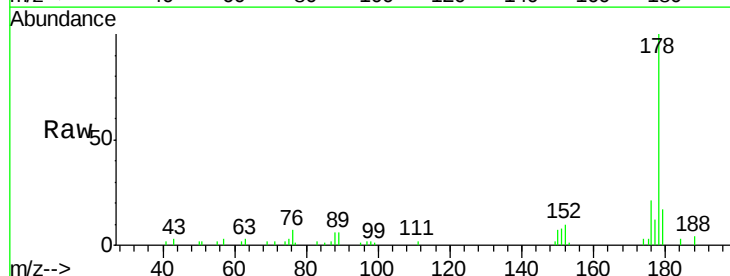
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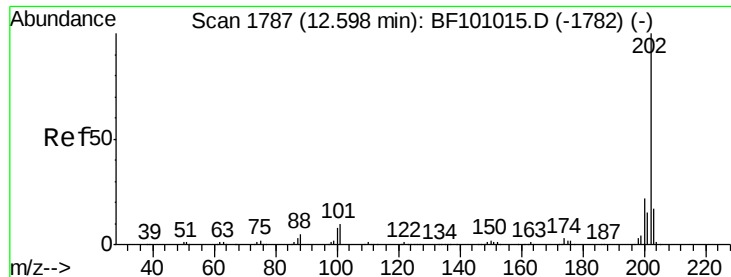
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#70
Phenanthrene
Concen: 2.629 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.2	15.8	23.8
179	16.9	13.0	19.6





#74

Fluoranthene

Concen: 5.076 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Instrument :

BNA_F

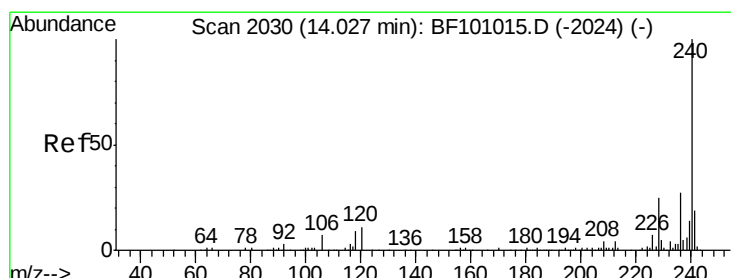
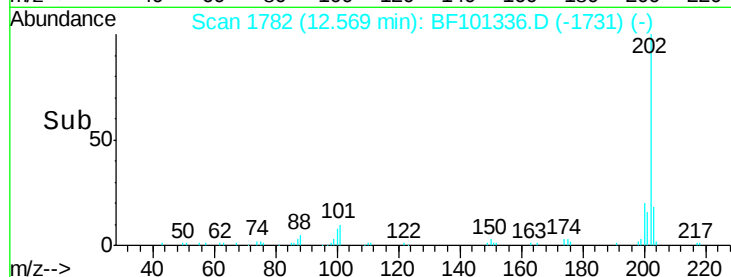
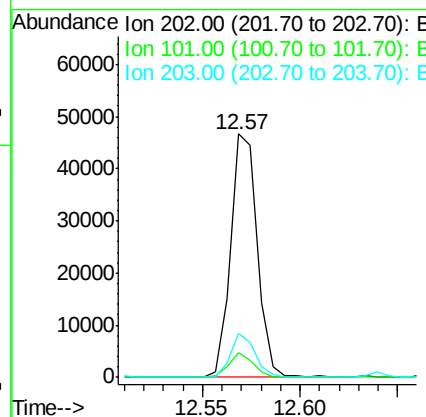
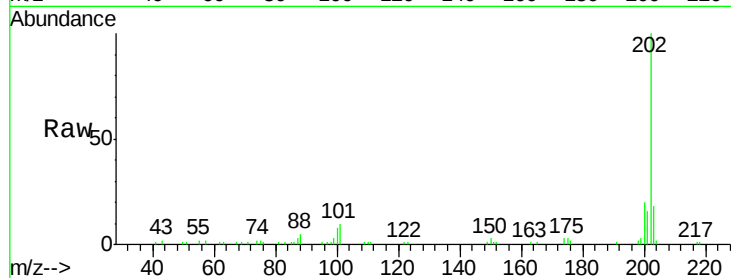
ClientSampleId :

SB-1(13-15)

Tot Ion:	202	Resp:	43988
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

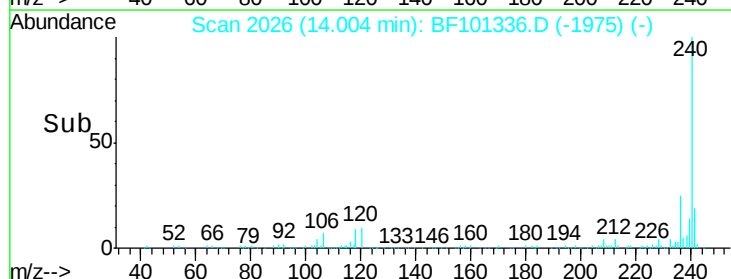
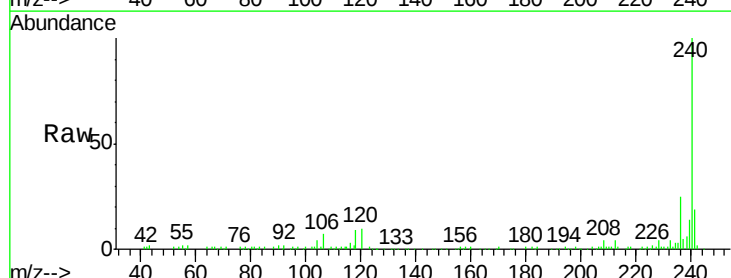
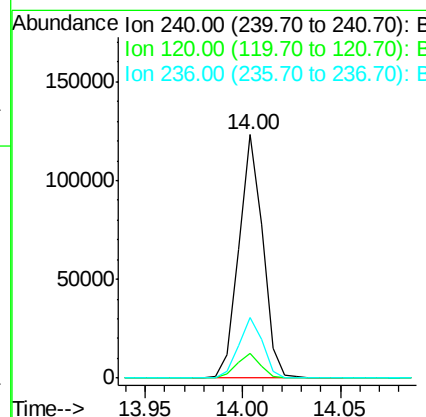
RT: 14.00 min Scan# 2026

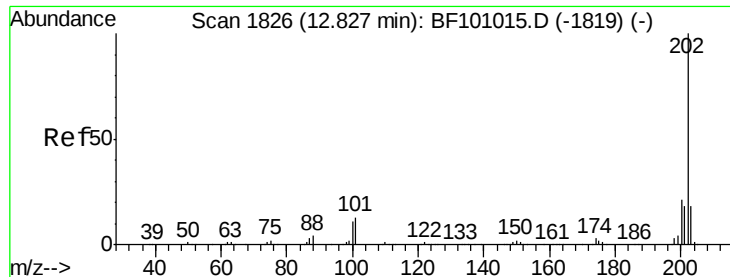
Delta R.T. 0.00 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Tgt Ion:	240	Resp:	104844
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	24.7	20.7	31.1





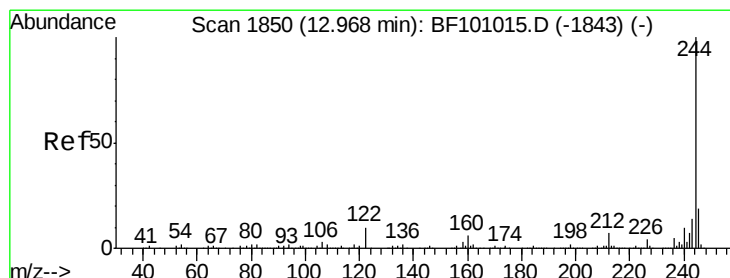
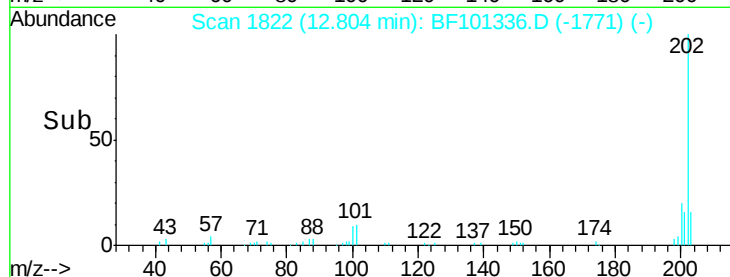
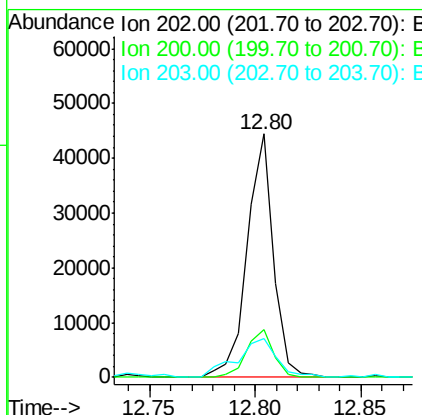
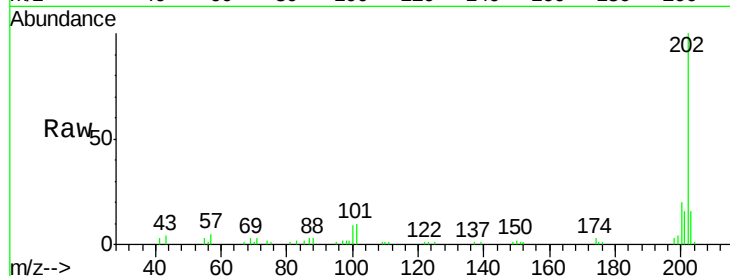
#77
Pvrene
Concen: 5.304 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.2	14.3	21.5

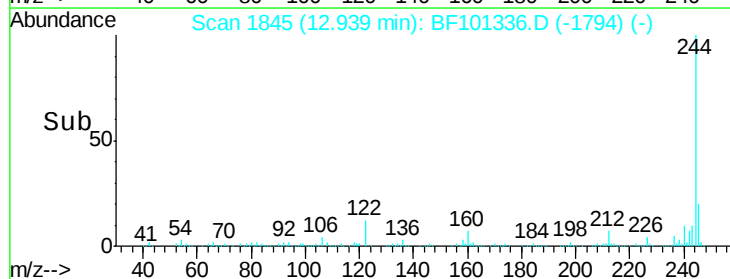
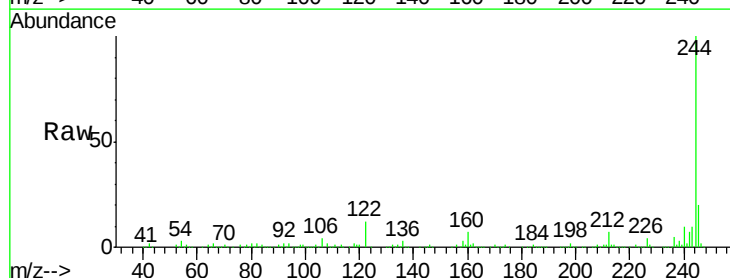
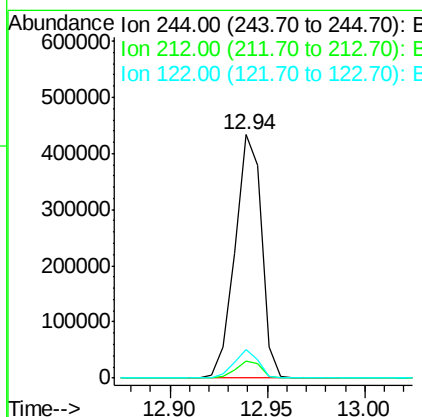
Manual Integrations
APPROVED

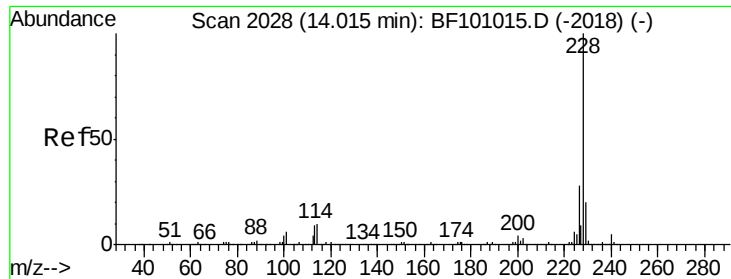
Sohil
12/13/2017 12:07:40 PM



#78
Terphenyl-d14
Concen: 85.095 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4





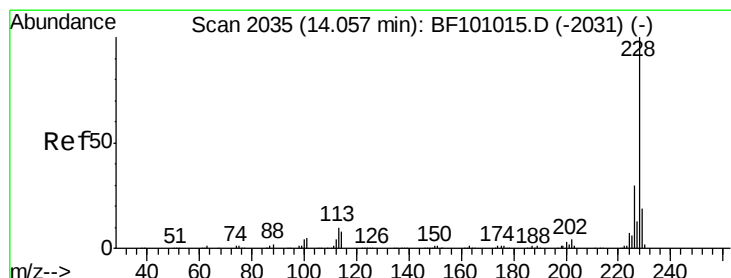
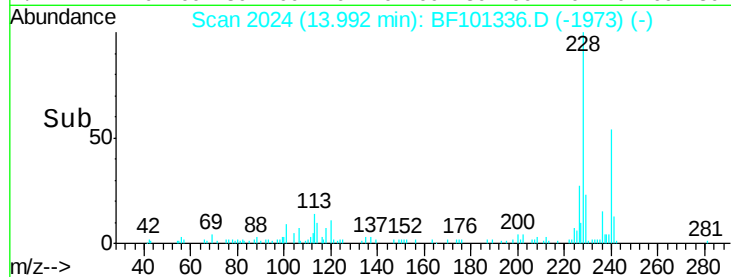
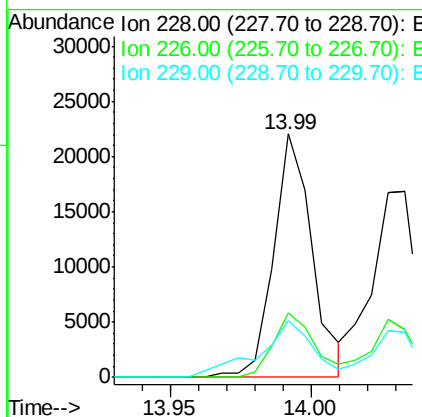
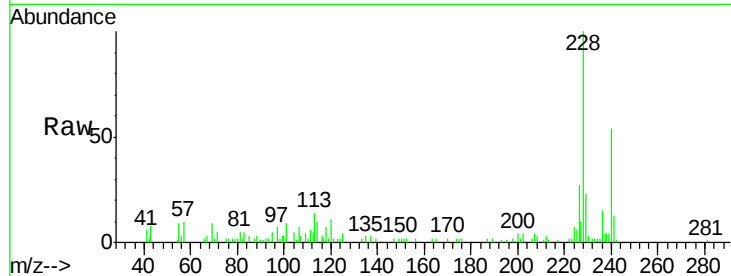
#80
Benzo(a)anthracene
Concen: 3.163 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampled :
SB-1(13-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	23.4	15.8	23.6

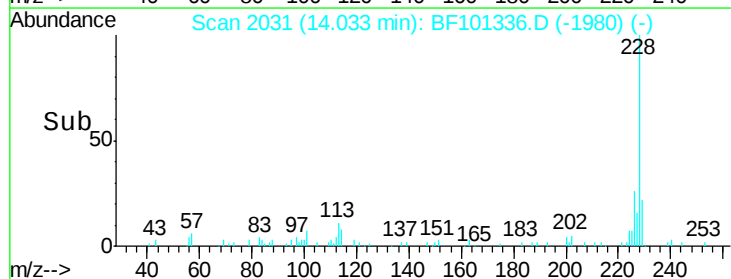
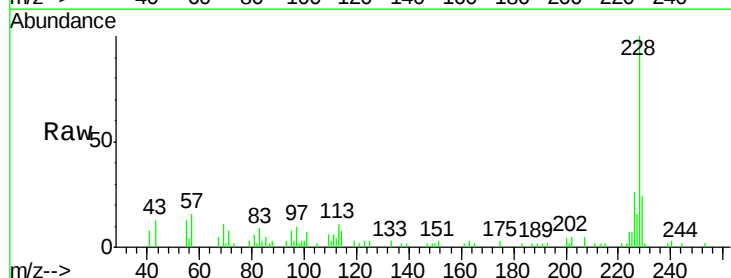
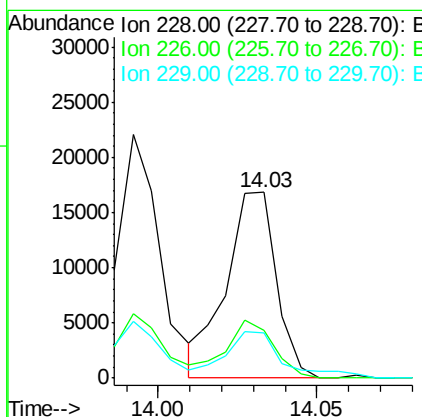
Manual Integrations
APPROVED

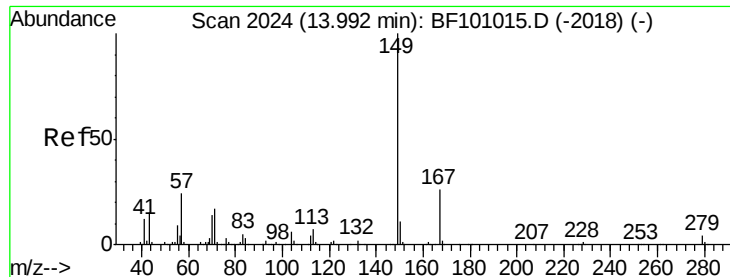
Sohil
12/13/2017 12:07:40 PM



#82
Chrysene
Concen: 3.007 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	25.0	37.6
229	24.2	16.2	24.4





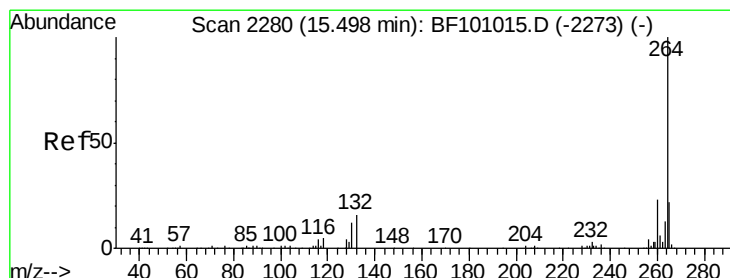
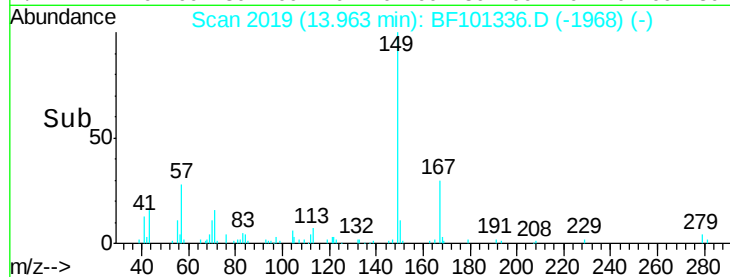
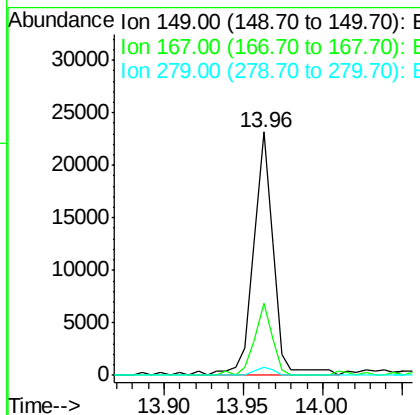
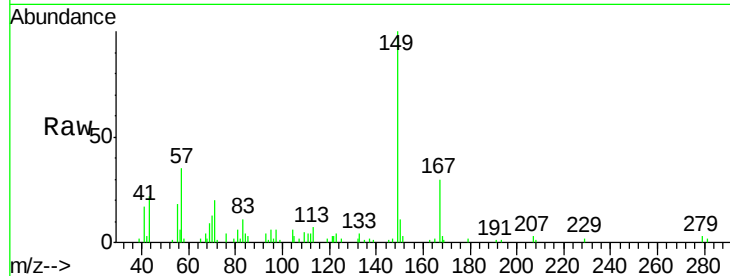
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.448 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Instrument :
BNA_F
ClientSampleId :
SB-1(13-15)

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.3	31.9
279	3.5	3.0	4.4

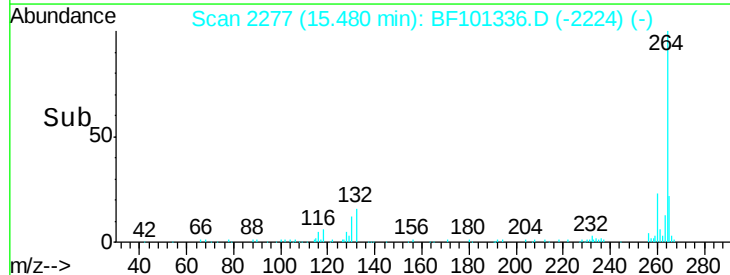
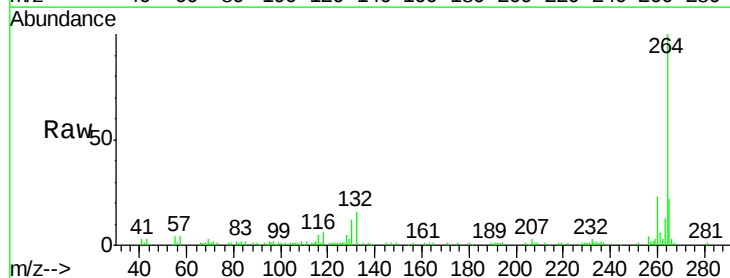
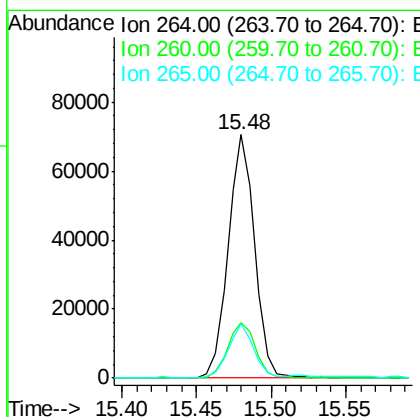
Manual Integrations
APPROVED

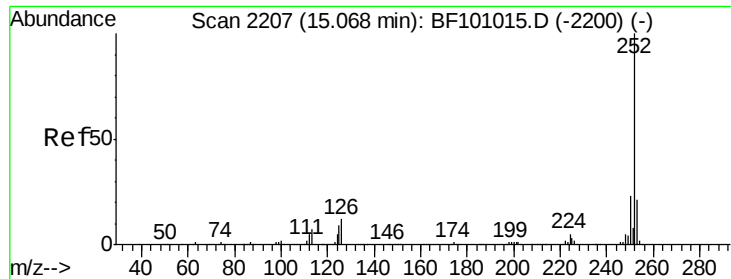
Sohil
12/13/2017 12:07:40 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101336.D
Acq: 12 Dec 2017 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.181 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Instrument :

BNA_F

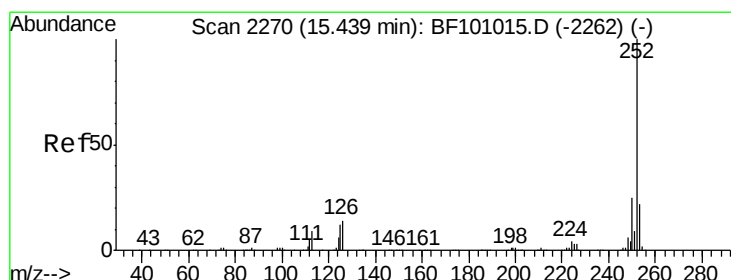
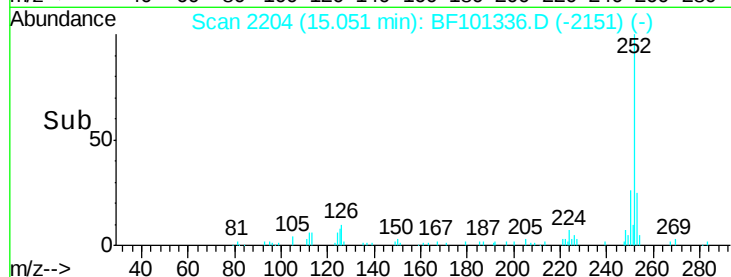
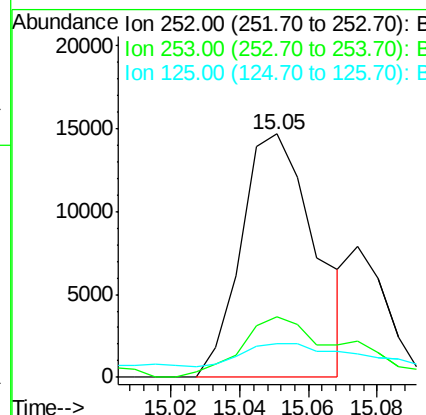
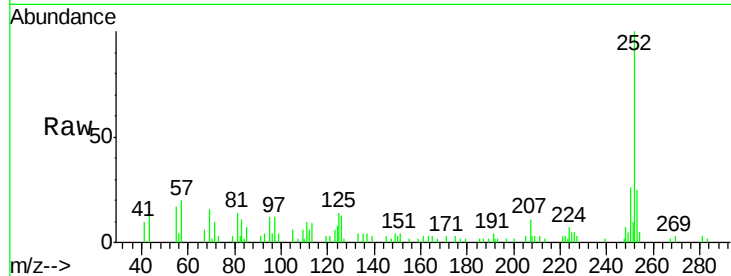
ClientSampled :

SB-1(13-15)

Tot Ion:	252	Resp:	21987
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.6
125	13.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
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#89

Benzo(a)pyrene

Concen: 3.323 ng

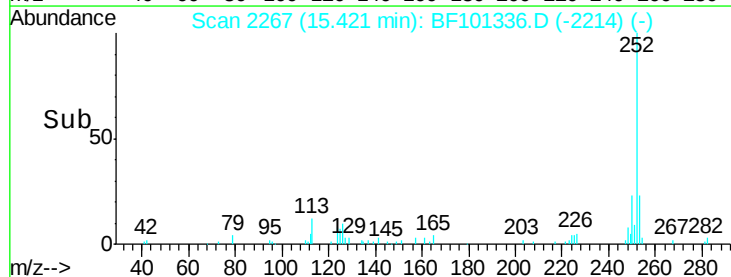
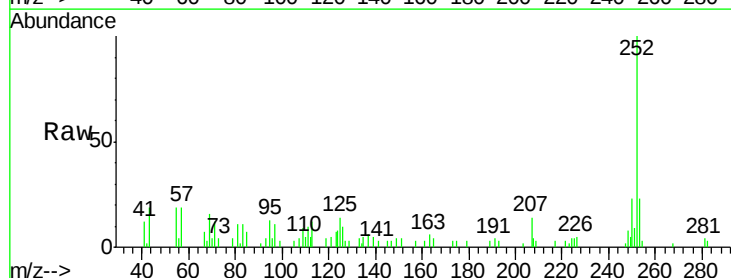
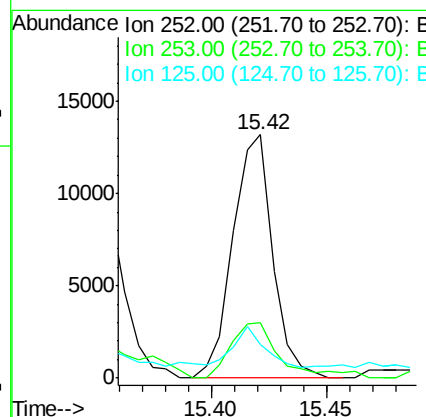
RT: 15.42 min Scan# 2267

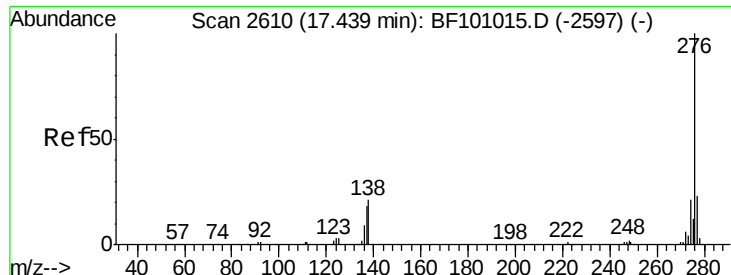
Delta R.T. 0.01 min

Lab File: BF101336.D

Acq: 12 Dec 2017 18:11

Tgt Ion:	252	Resp:	15887
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	13.9	9.8	14.6





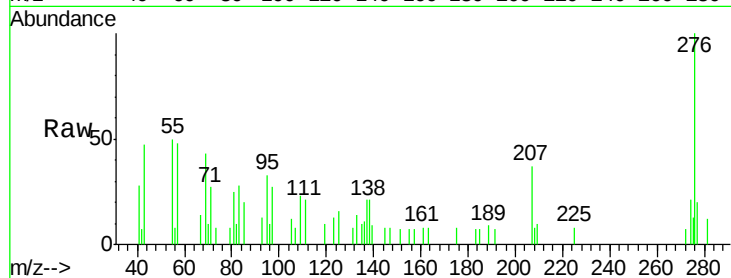
#91
 Benzo(a,h,i)perylene
 Concen: 2.168 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.02 min
 Lab File: BF101336.D
 Acq: 12 Dec 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(13-15)

Tot Ion	Ratio	Lower	Upper
276	100		
277	19.8	17.9	26.9
138	21.5	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

