

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102358.D
 Acq On : 23 Jan 2018 22:39
 Operator : SJ/JU
 Sample : J1241-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-2(0-5)

Manual Integrations
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Sohil
 1/24/2018 2:47:10 PM

Quant Time: Jan 24 03:04:46 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151280	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	619341	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262605	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	388358	20.00	ng	0.00
75) Chrysene-d12	13.87	240	274818	20.00	ng	0.00
86) Perylene-d12	15.30	264	227751	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1012372	101.47	ng	0.01
7) Phenol-d6	6.36	99	1237072	102.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	768237	71.28	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	211487	81.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1220388	68.33	ng	0.00
78) Terphenyl-d14	12.82	244	780812	64.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	44655	3.401	ng	99
31) Naphthalene	8.02	128	156183	5.051	ng	98
37) 2-Methylnaphthalene	8.71	142	43214	2.098	ng	96
49) Dimethylphthalate	9.47	163	250042	11.520	ng	99
70) Phenanthrene	11.26	178	264878	11.704	ng	98
71) Anthracene	11.31	178	49516	2.144	ng	98
74) Fluoranthene	12.45	202	301209	13.052	ng	96
77) Pyrene	12.67	202	282745	13.307	ng	99
80) Benzo(a)anthracene	13.87	228	160073	9.461	ng	98
82) Chrysene	13.90	228	154355	8.984	ng	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	46240	3.259	ng	98
87) Benzo(b)fluoranthene	14.89	252	147840m	10.015	ng	
88) Benzo(k)fluoranthene	14.92	252	56583m	4.057	ng	
89) Benzo(a)pyrene	15.24	252	98170	7.374	ng	# 92
91) Benzo(g,h,i)perylene	17.11	276	42250	3.968	ng	# 93

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

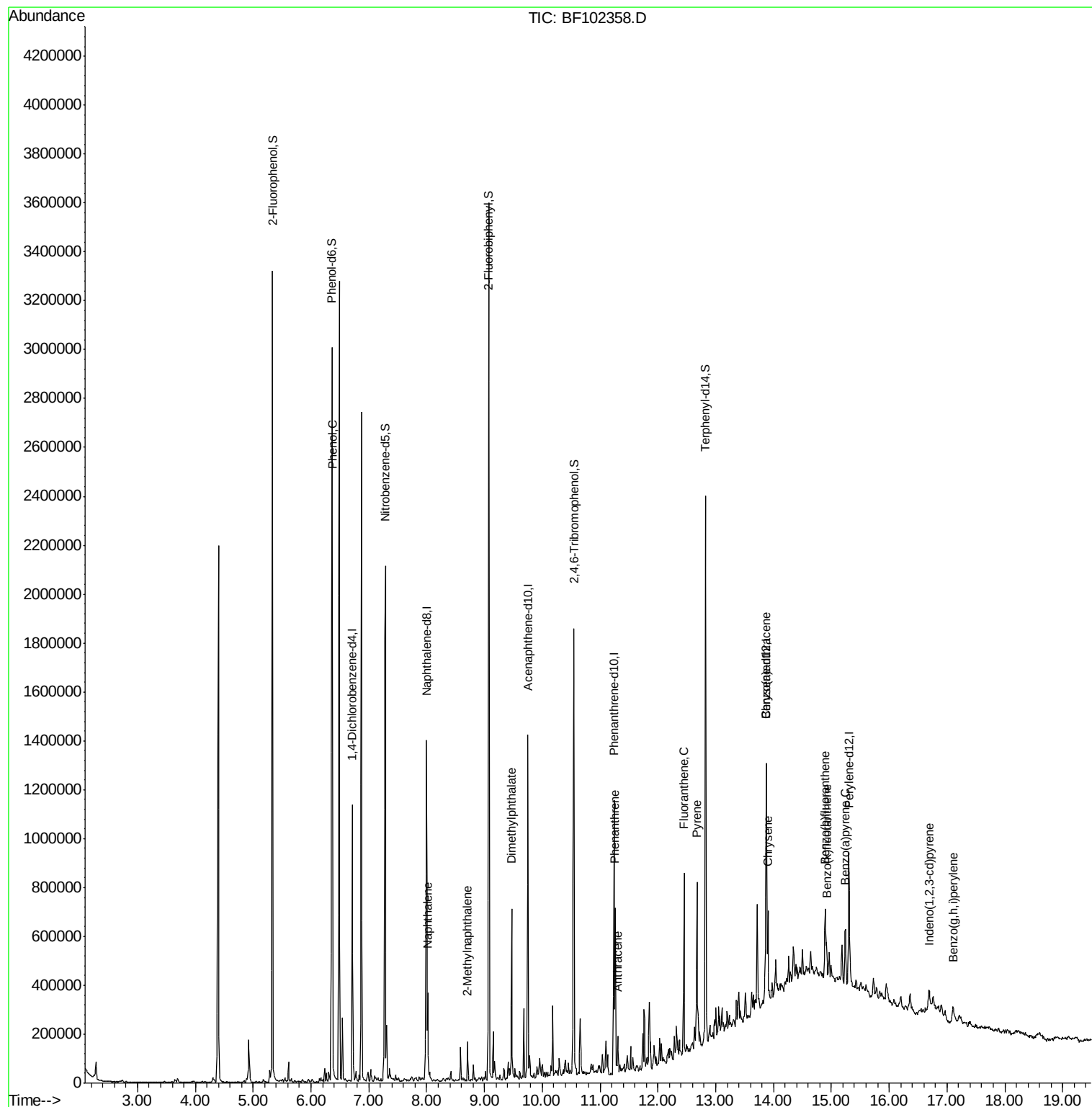
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102358.D
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ALS Vial : 12 Sample Multiplier: 1

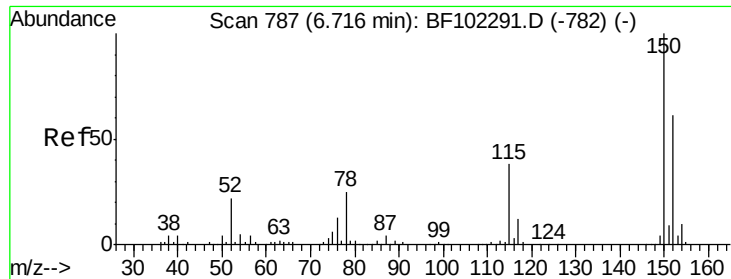
Instrument :
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EPE-121-2(0-5)

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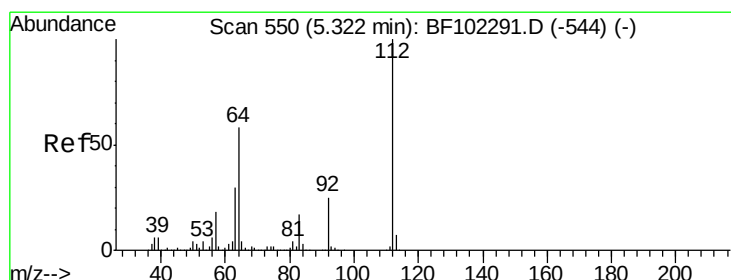
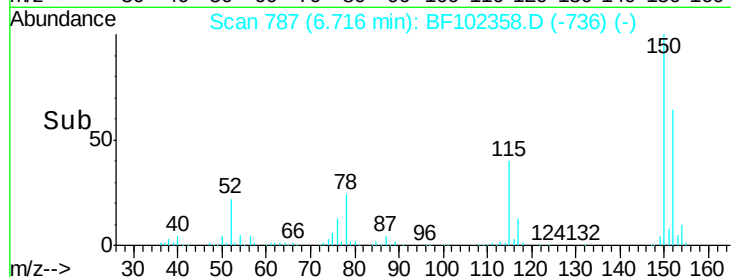
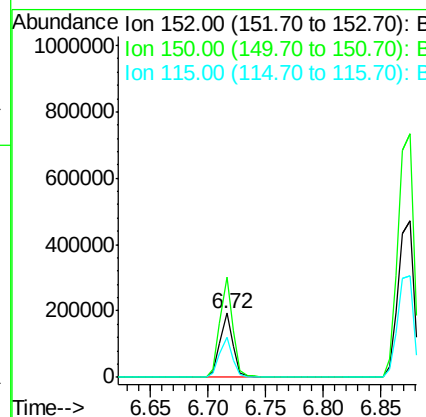
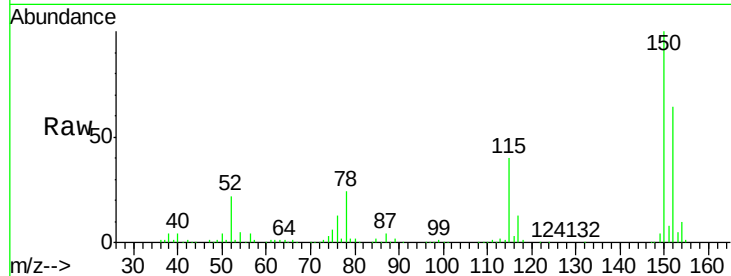
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102358.D
 Acq: 23 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-2(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.3	50.1	75.1

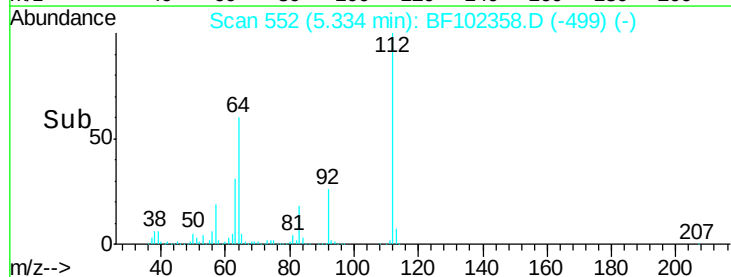
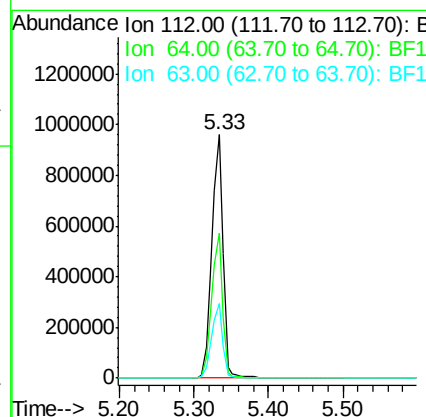
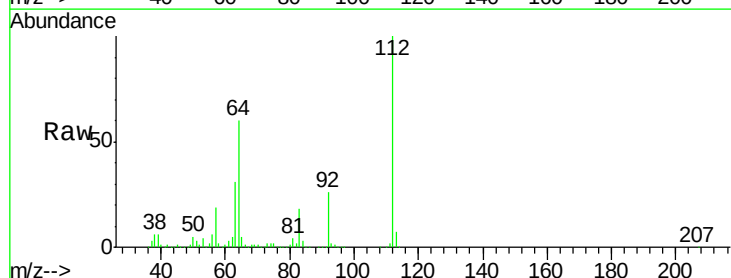
Manual Integrations
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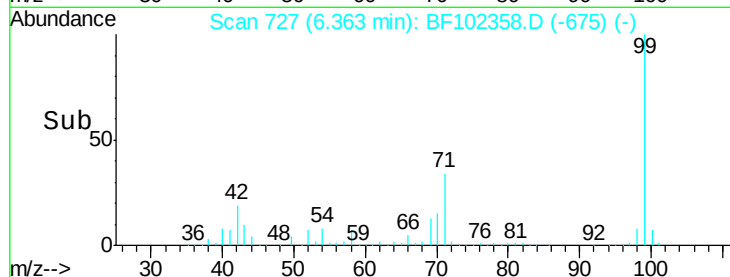
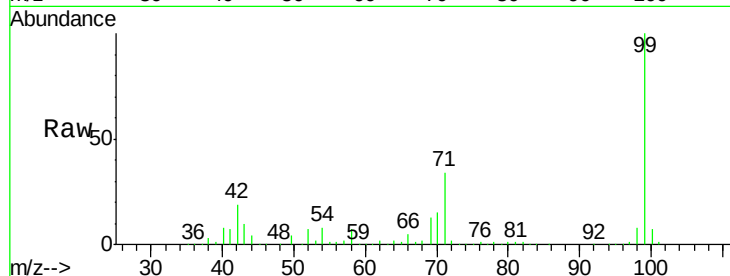
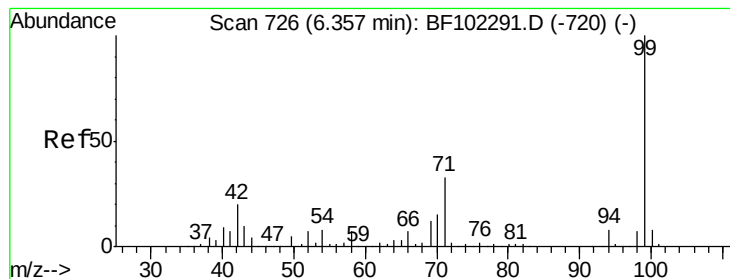
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#5
 2-Fluorophenol
 Concen: 101.469 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102358.D
 Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 102.846 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Tgt Ion: 99 Resp: 1237072

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.0 25.4 38.0

Instrument :

BNA_F

ClientSampled :

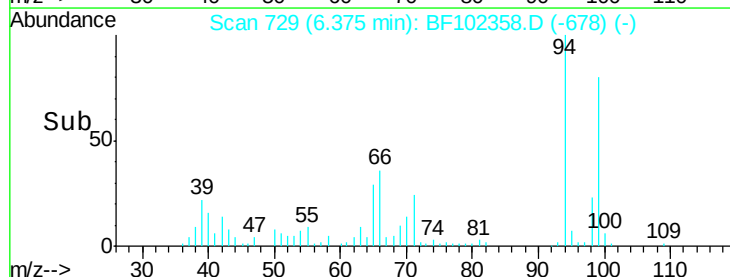
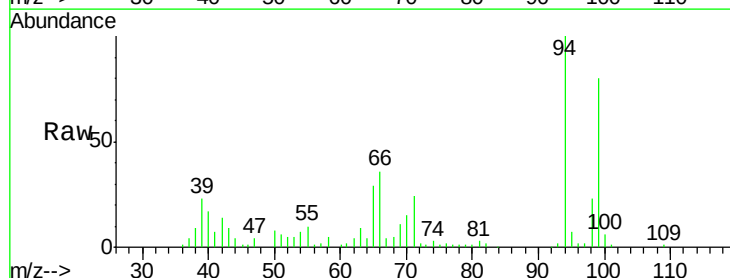
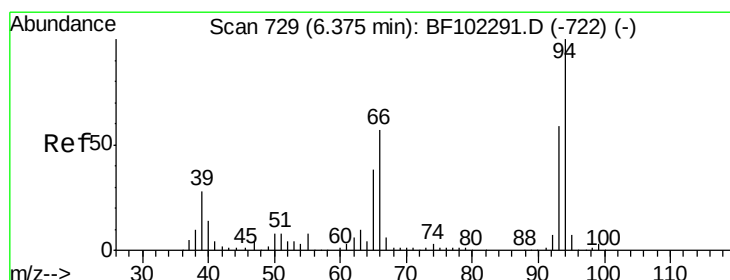
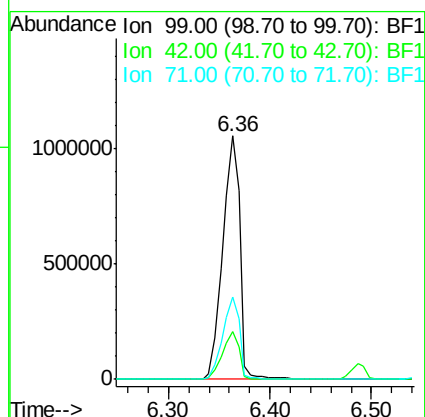
EPE-121-2(0-5)

Manual Integrations

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#10

Phenol

Concen: 3.401 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

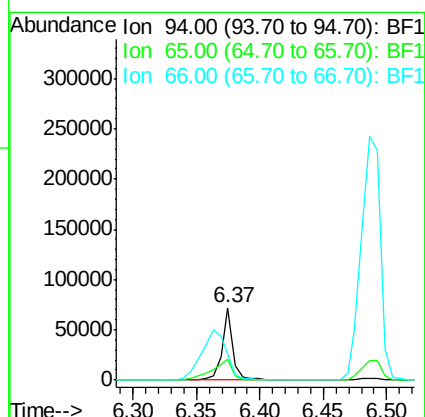
Tgt Ion: 94 Resp: 44655

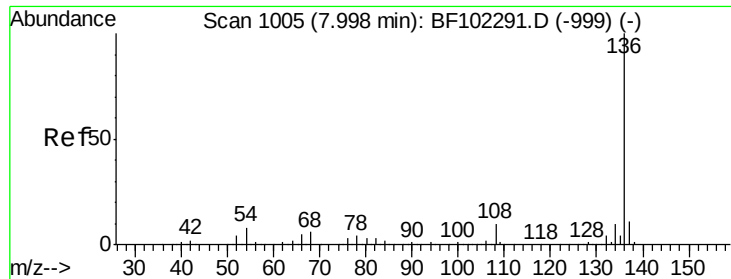
Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

66 35.8 16.2 56.2





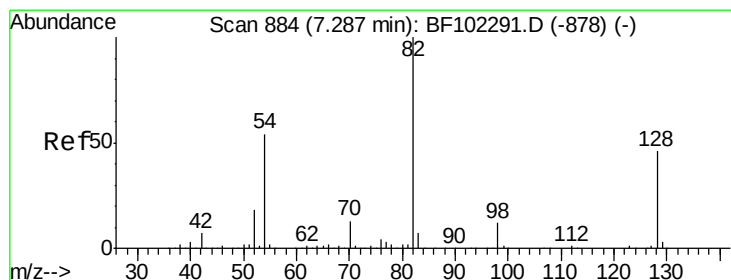
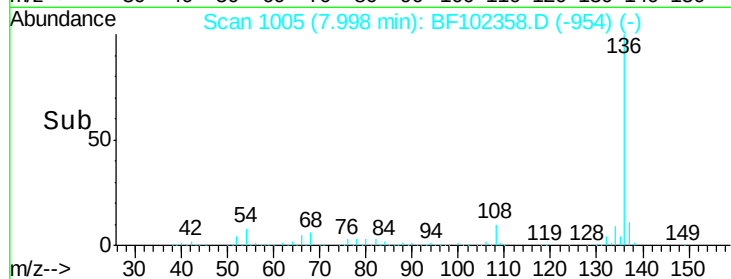
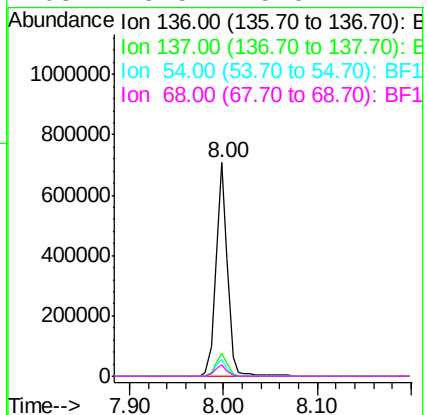
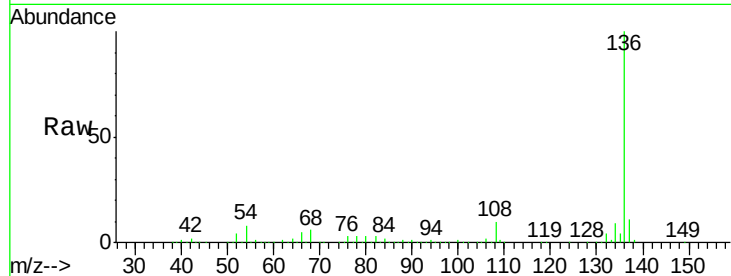
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	619341		
137	10.9	8.9	13.3	
54	7.8	6.6	9.8	
68	5.5	5.0	7.4	

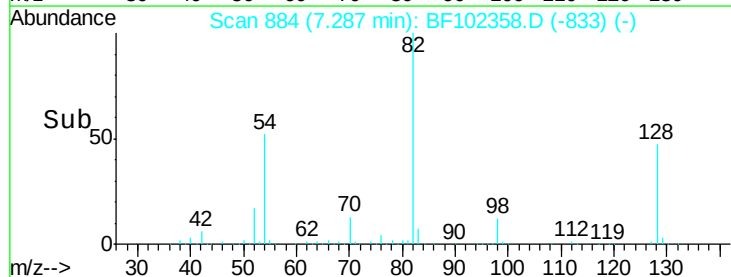
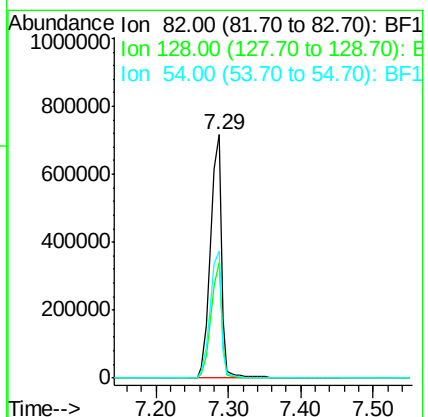
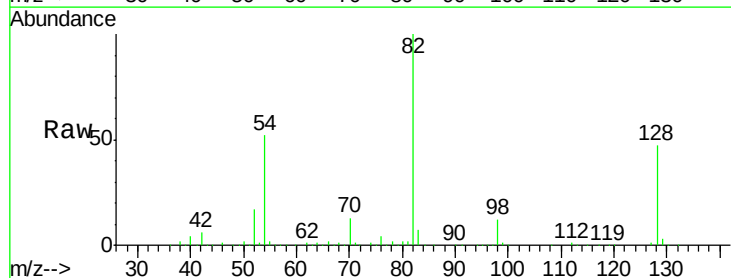
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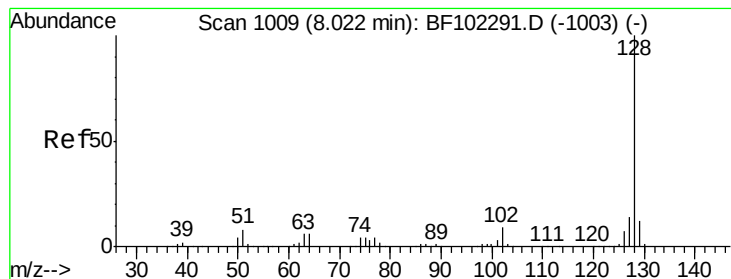
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#23
Nitrobenzene-d5
Concen: 71.283 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	768237		
128	47.3	36.1	54.1	
54	52.0	41.4	62.2	





#31

Naphthalene

Concen: 5.051 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Instrument :

BNA_F

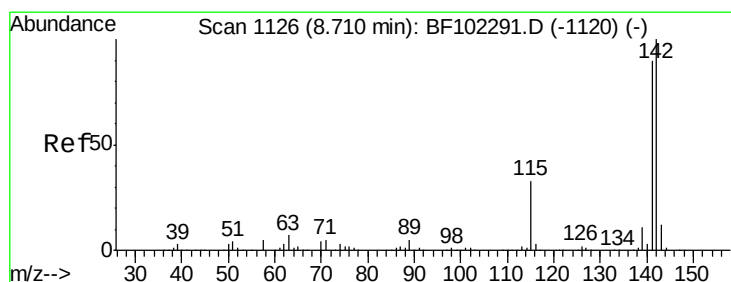
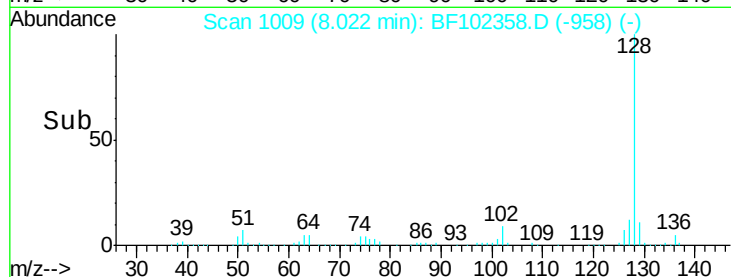
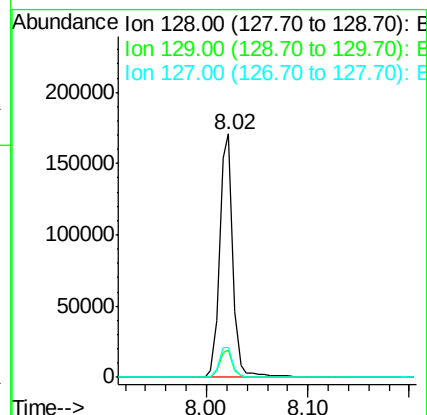
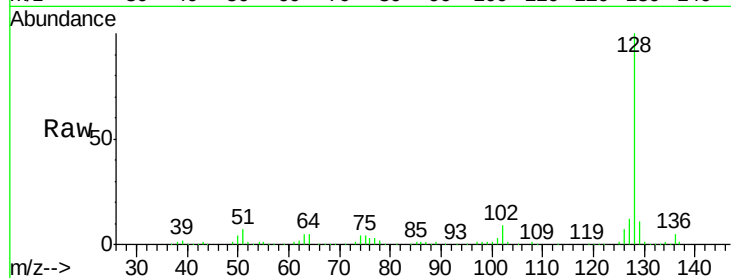
ClientSampleId :

EPE-121-2(0-5)

Tgt Ion:	128	Resp:	156183
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.1	10.9	16.3

Manual Integrations
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#37

2-Methylnaphthalene

Concen: 2.098 ng

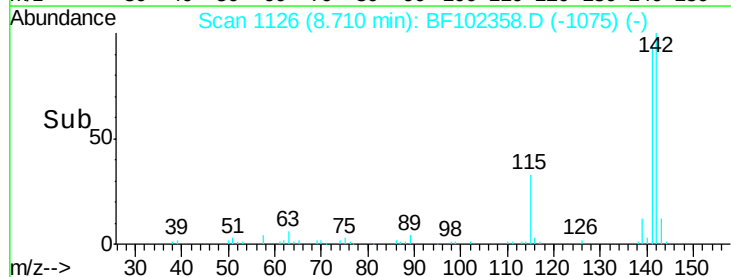
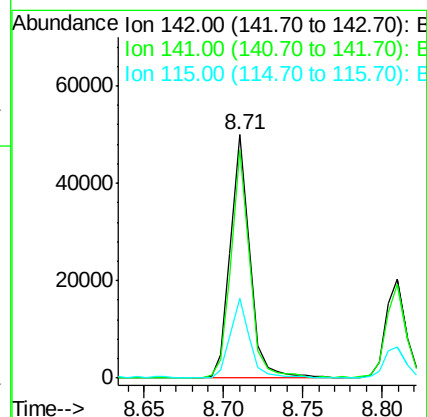
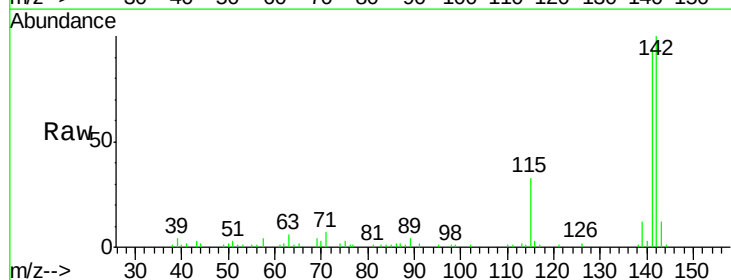
RT: 8.71 min Scan# 1126

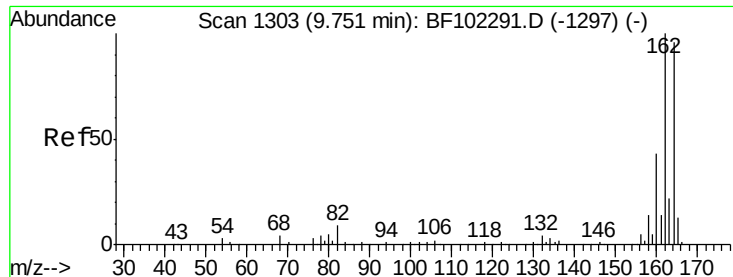
Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Tgt Ion:	142	Resp:	43214
Ion Ratio	Lower	Upper	
142	100		
141	93.8	70.8	106.2
115	32.9	26.1	39.1





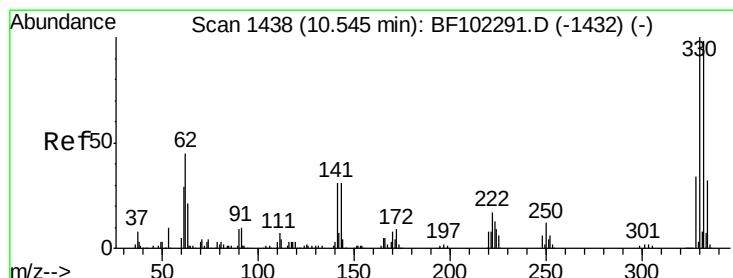
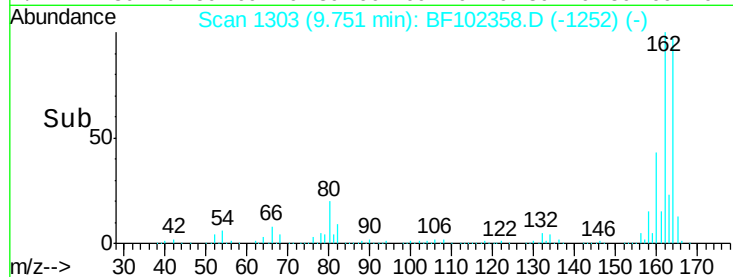
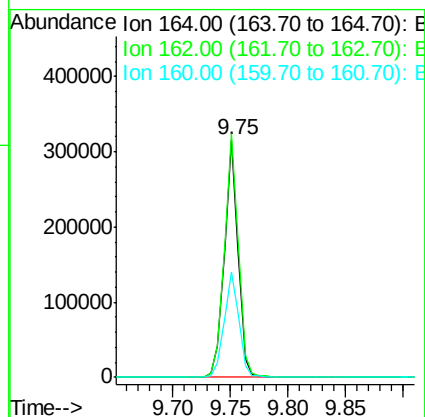
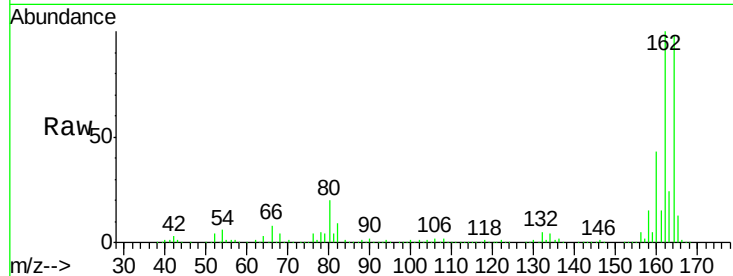
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102358.D
 Acq: 23 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262605		
162	102.5	86.1	129.1	
160	44.2	38.3	57.5	

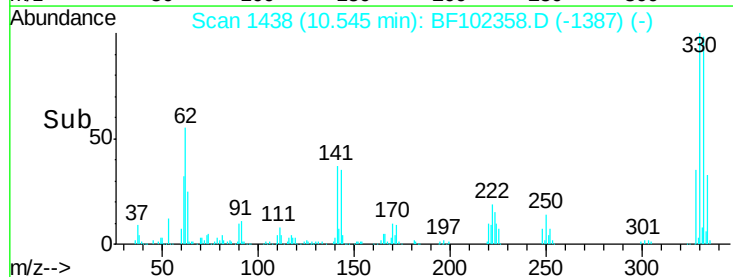
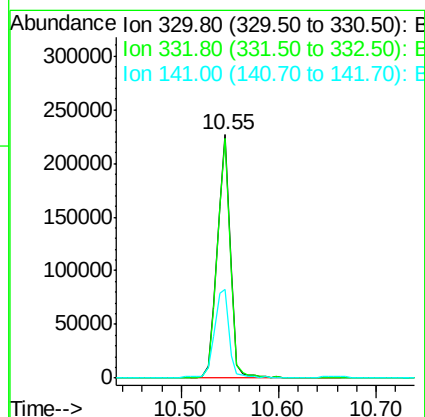
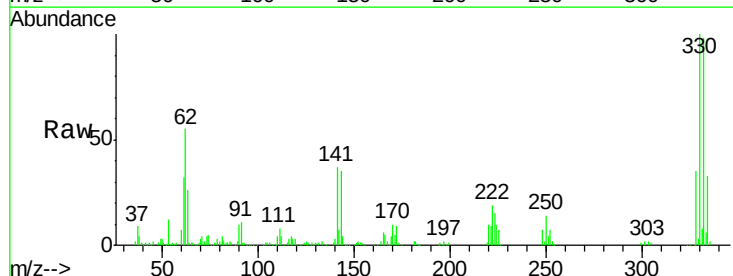
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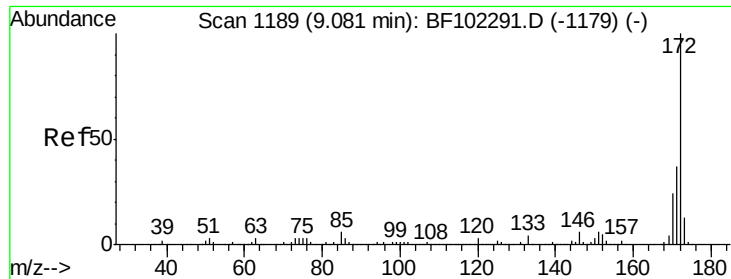
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#41
 2,4,6-Tribromophenol
 Concen: 81.277 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102358.D
 Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	211487		
332	98.4	77.0	115.6	
141	40.8	29.9	44.9	





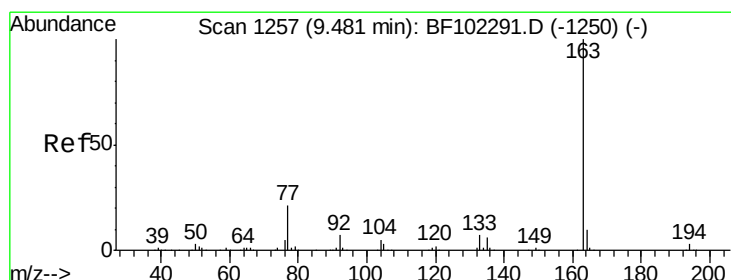
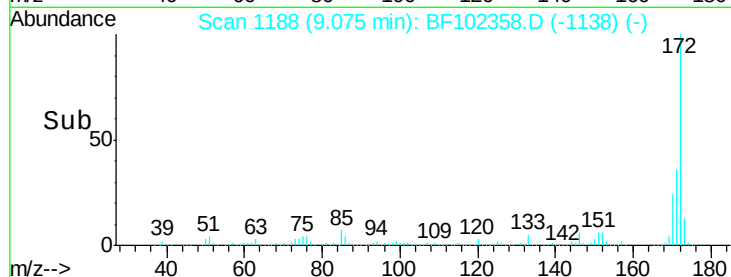
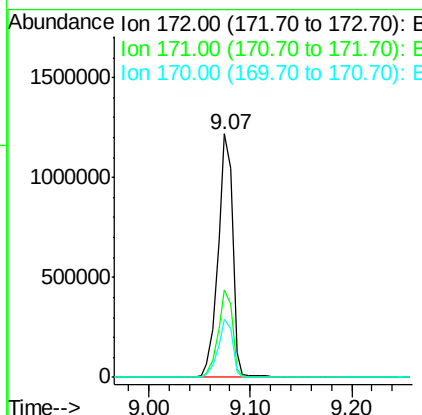
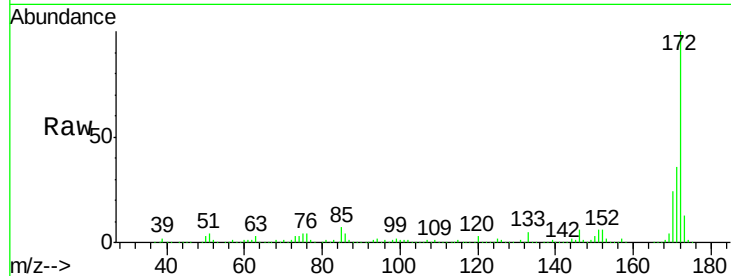
#44
2-Fluorobiphenyl
Concen: 68.331 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

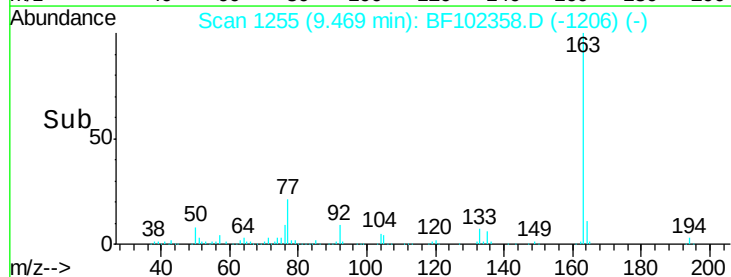
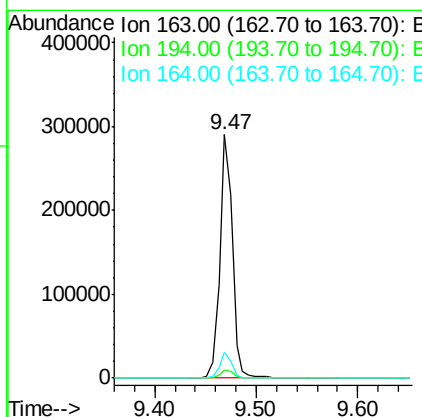
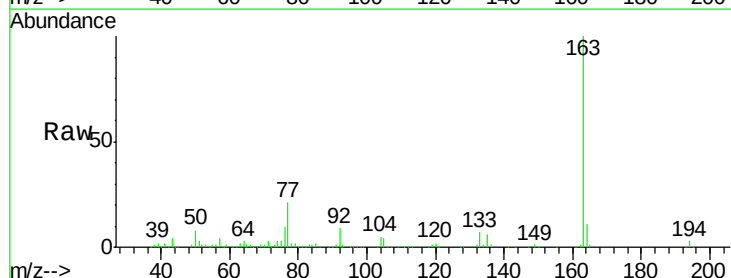
Manual Integrations
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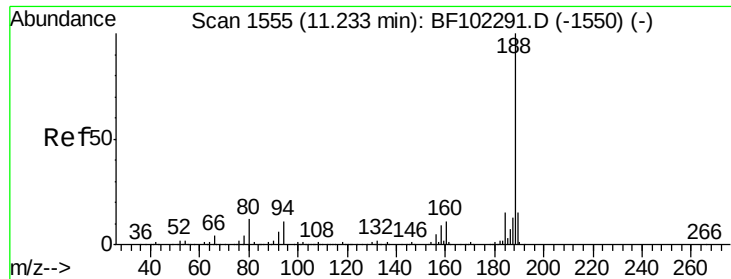
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#49
Dimethylphthalate
Concen: 11.520 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.6	8.2	12.2





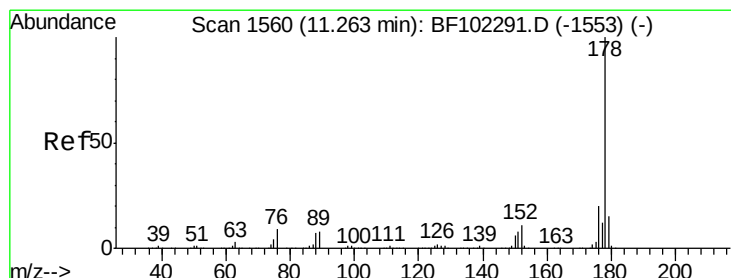
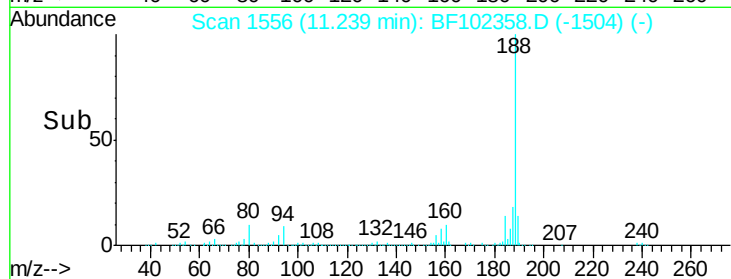
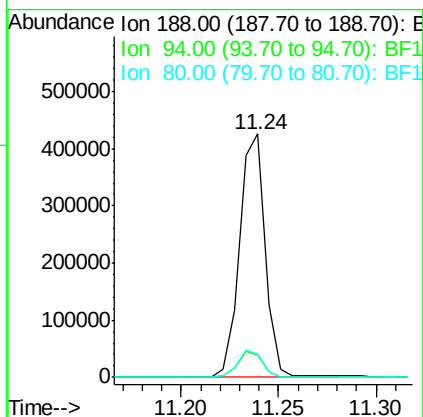
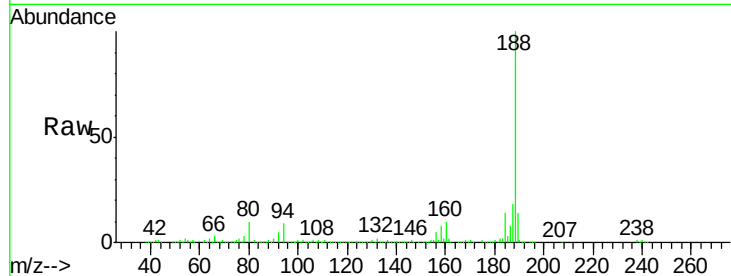
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

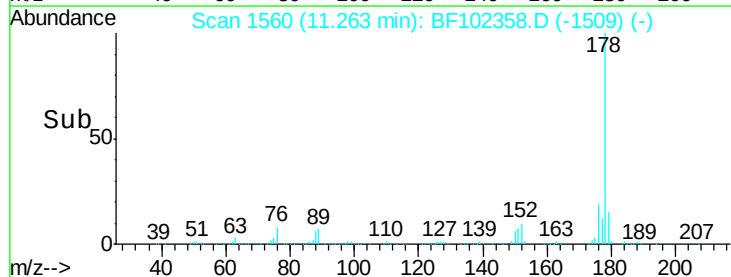
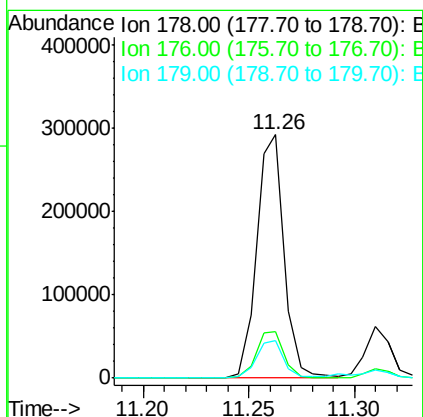
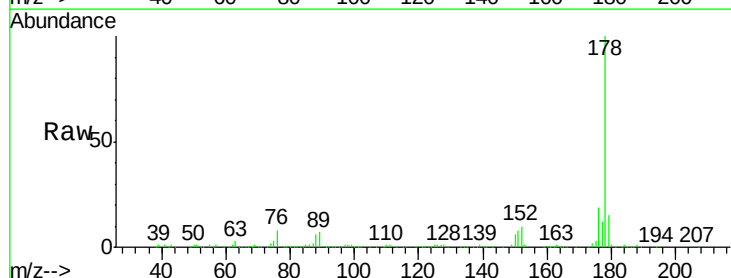
Manual Integrations
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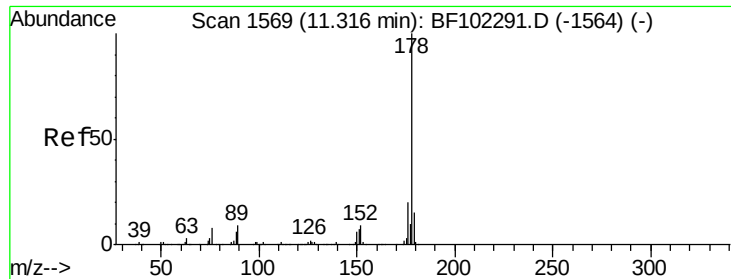
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#70
Phenanthrene
Concen: 11.704 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6





#71

Anthracene

Concen: 2.144 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Instrument :

BNA_F

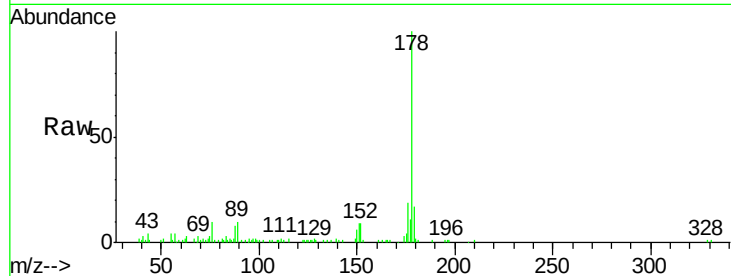
ClientSampleId :

EPE-121-2(0-5)

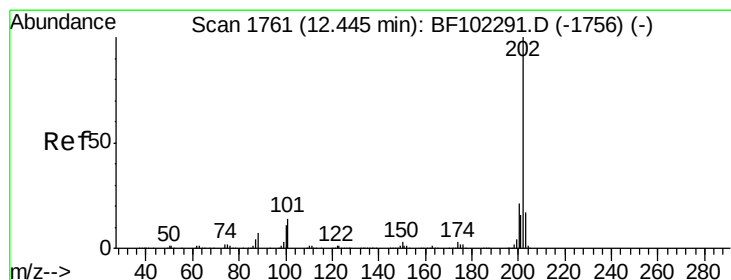
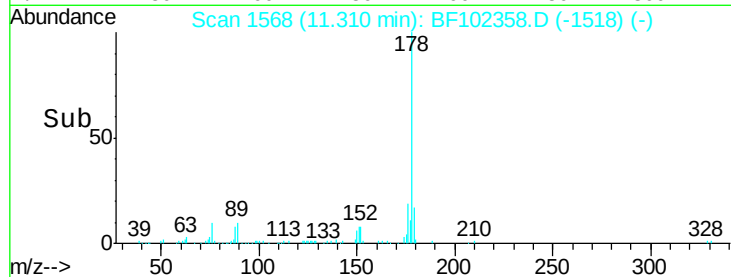
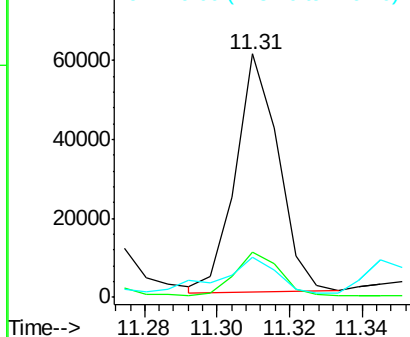
Tgt Ion:	178	Resp:	49516
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.2
179	16.7	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 13.052 ng

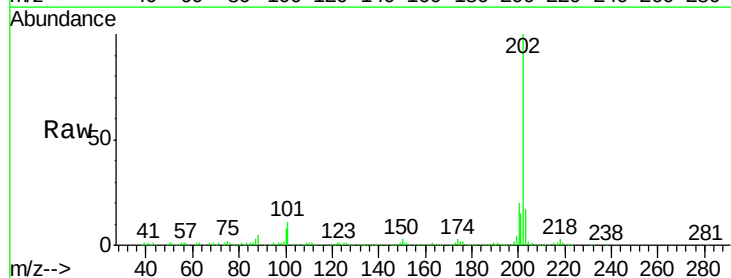
RT: 12.45 min Scan# 1762

Delta R.T. 0.01 min

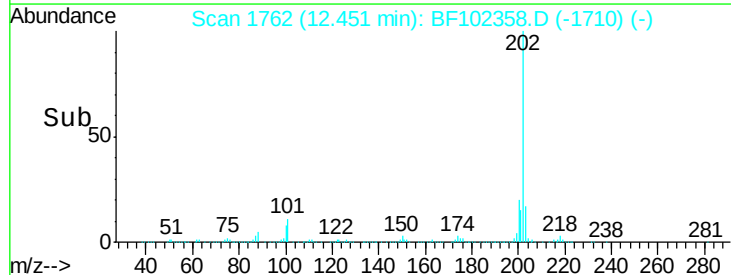
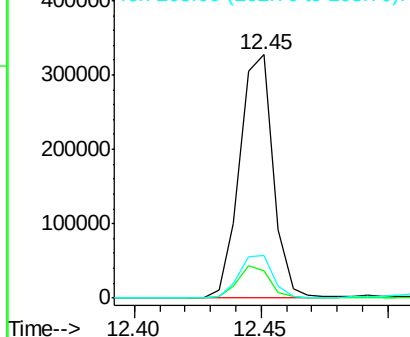
Lab File: BF102358.D

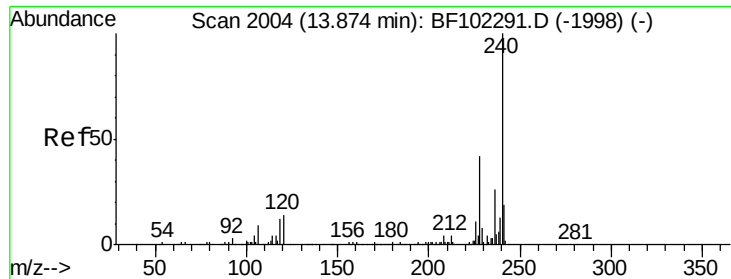
Acq: 23 Jan 2018 22:39

Tgt Ion:	202	Resp:	301209
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	17.5	0.0	38.1



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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Instrument :

BNA_F

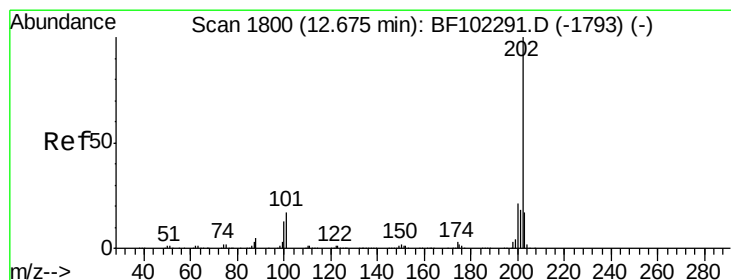
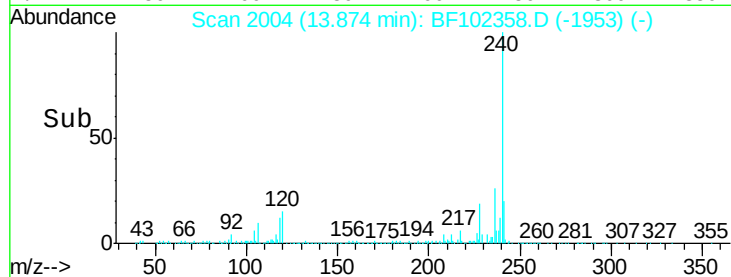
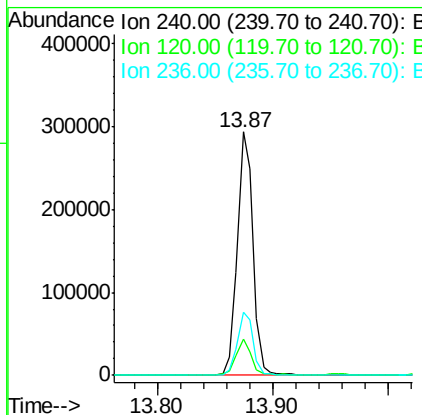
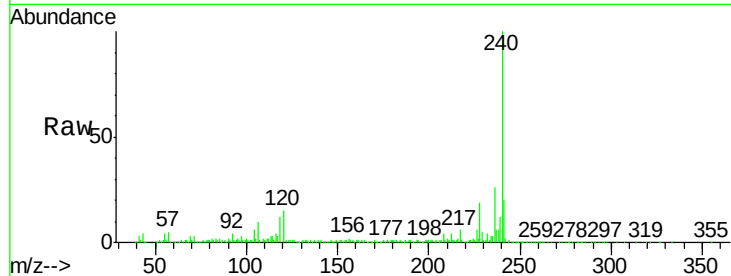
ClientSampleId :

EPE-121-2(0-5)

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		274818		
120	14.8	9.5	14.3#		
236	25.8	20.7	31.1		

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#77

Pyrene

Concen: 13.307 ng

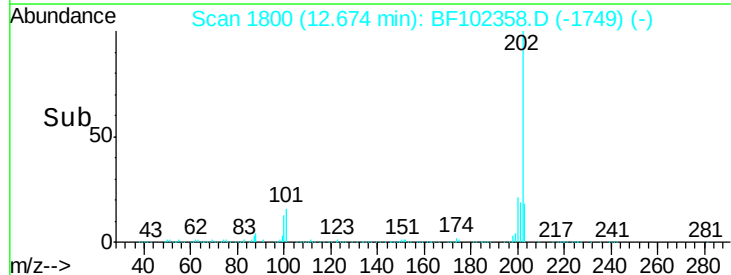
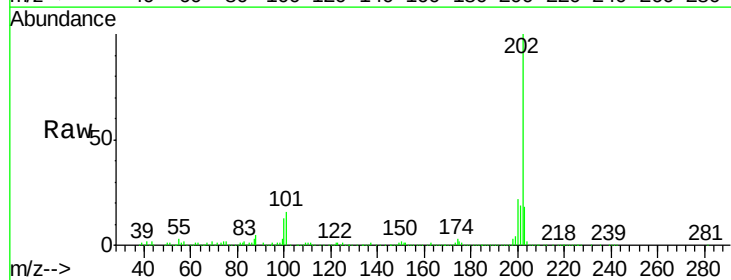
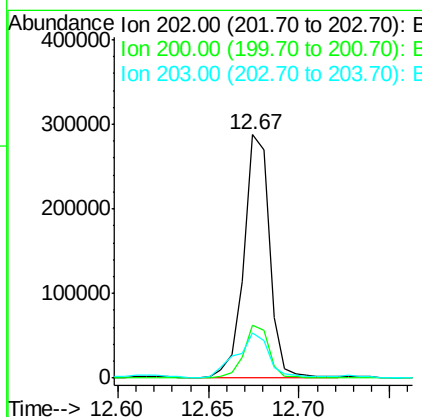
RT: 12.67 min Scan# 1800

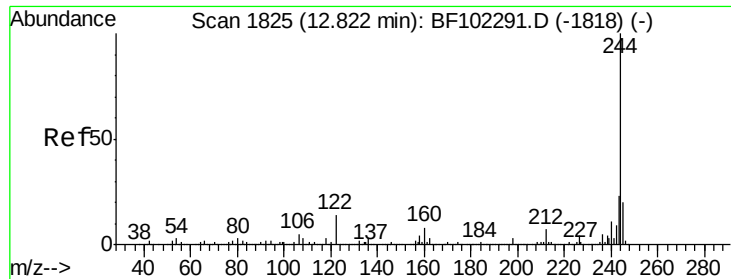
Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		282745		
200	21.5	17.4	26.2		
203	18.5	14.3	21.5		





#78

Terphenyl-d14

Concen: 64.051 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Instrument :

BNA_F

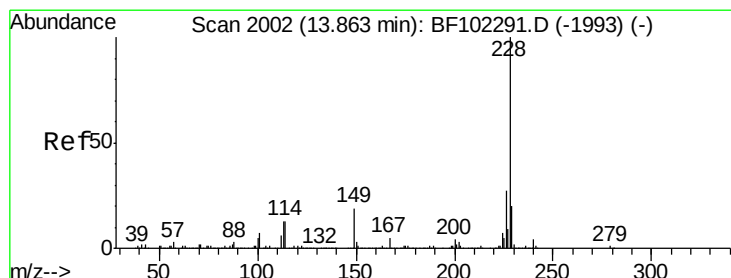
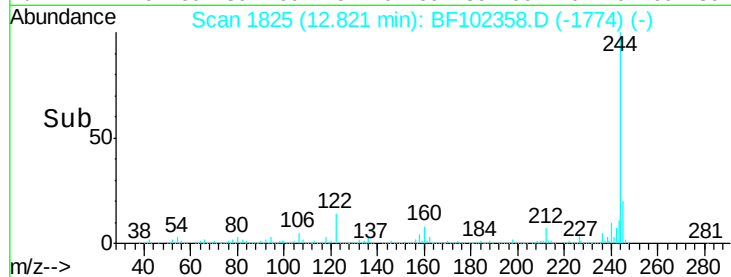
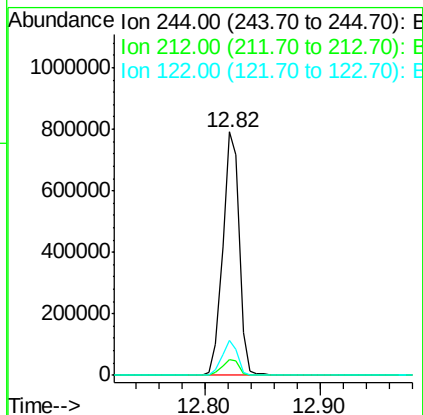
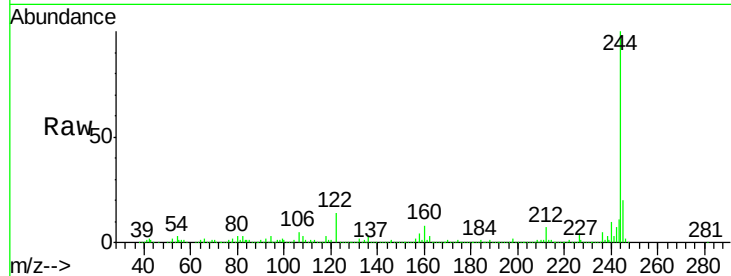
ClientSampleId :

EPE-121-2(0-5)

Tgt Ion:	244	Resp:	780812
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 9.461 ng

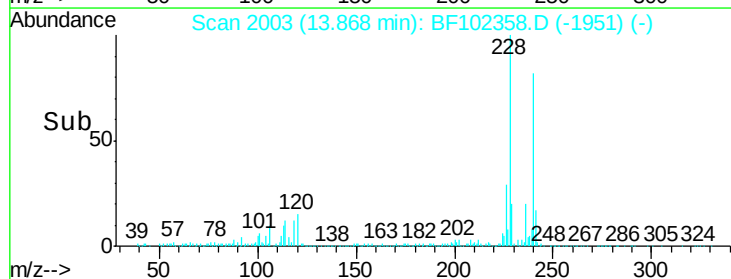
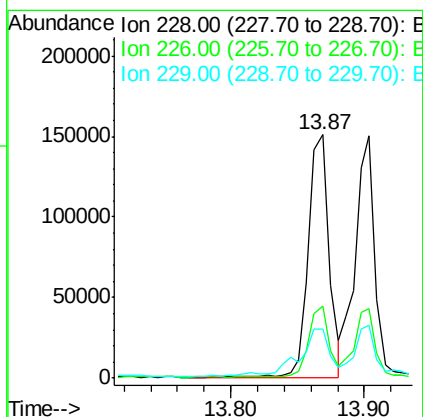
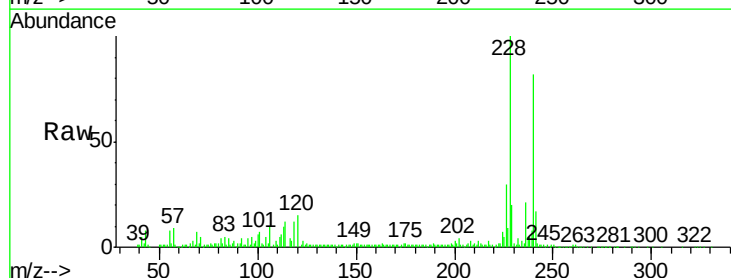
RT: 13.87 min Scan# 2003

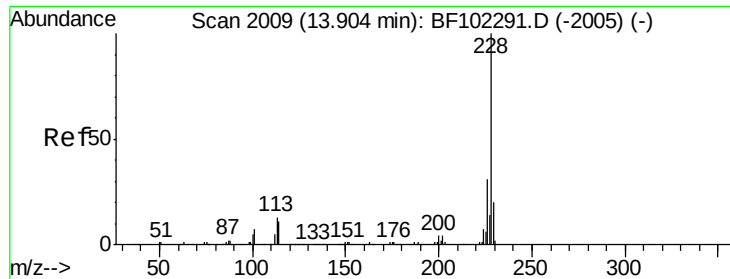
Delta R.T. 0.01 min

Lab File: BF102358.D

Acq: 23 Jan 2018 22:39

Tgt Ion:	228	Resp:	160073
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.6	33.8
229	20.2	15.8	23.6





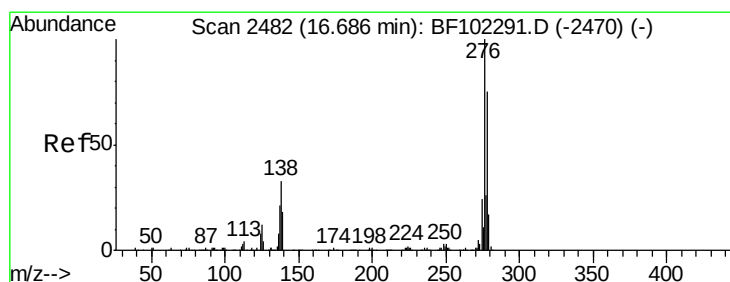
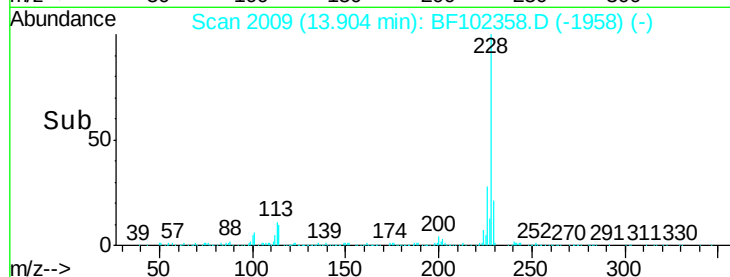
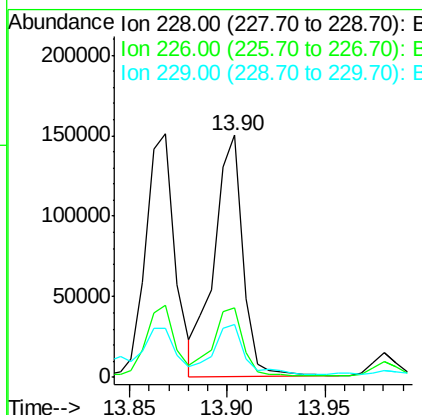
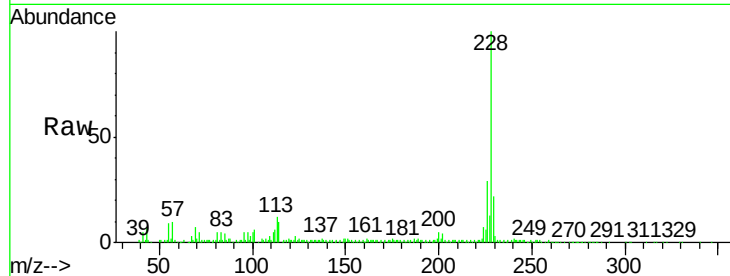
#82
Chrysene
Concen: 8.984 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	154355		
226	28.7	25.0	37.6	
229	21.7	16.2	24.4	

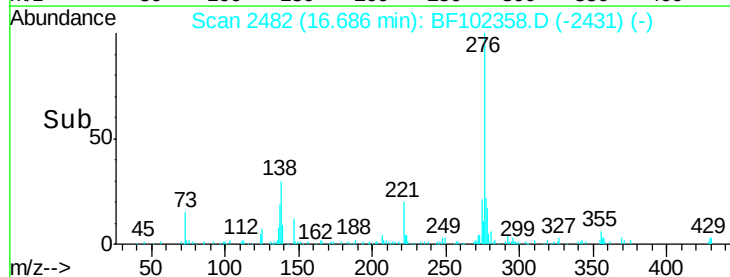
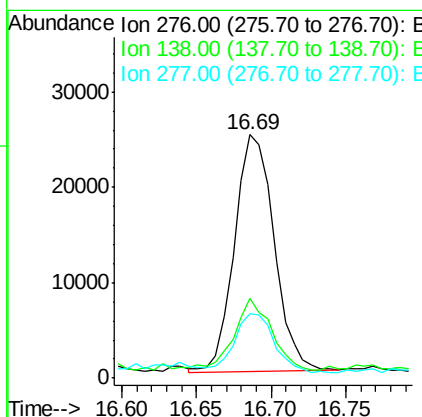
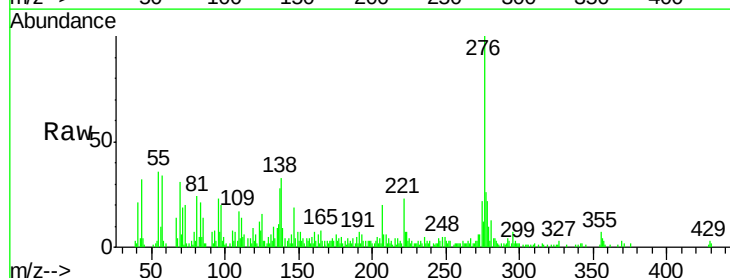
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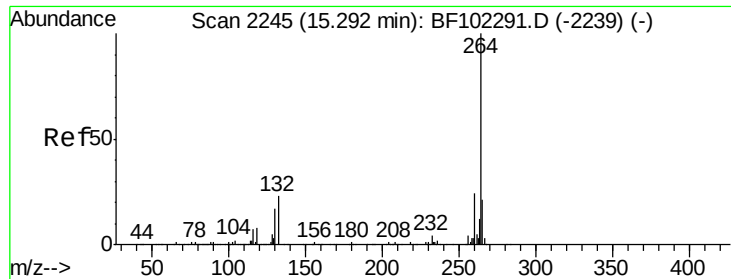
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1/24/2018 2:47:10 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.259 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	46240		
138	29.1	25.0	37.6	
277	25.3	20.1	30.1	





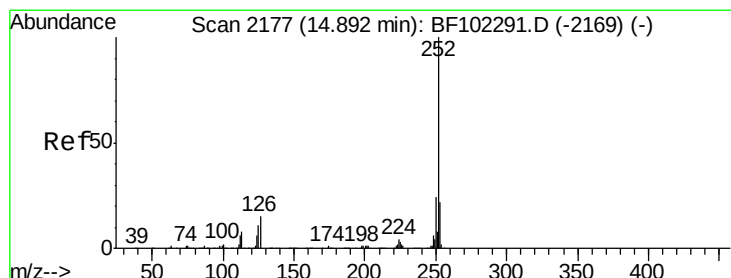
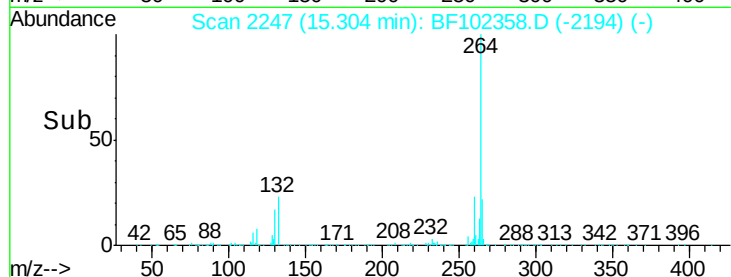
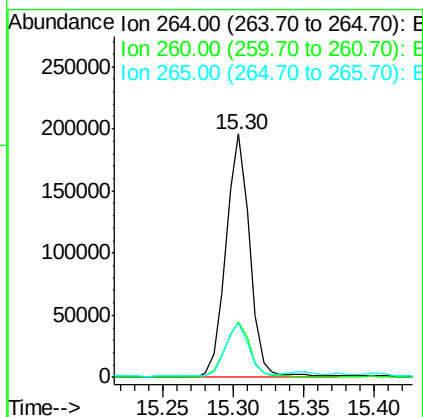
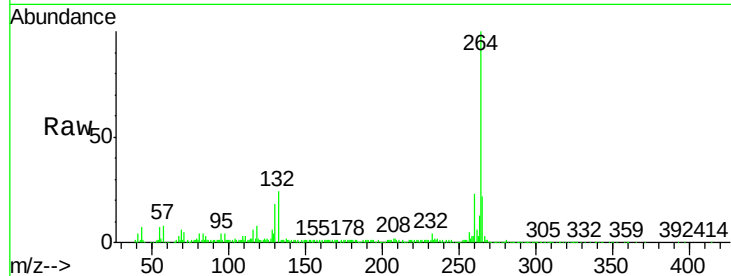
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.8	19.2	28.8
265	22.5	17.5	26.3

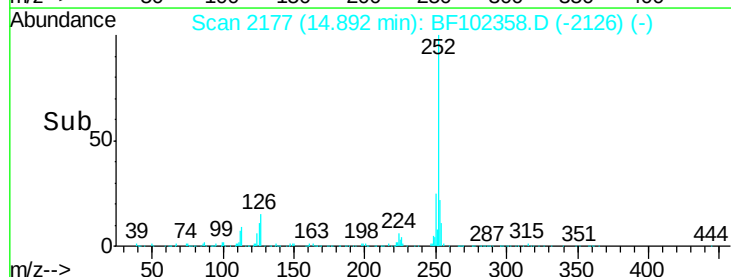
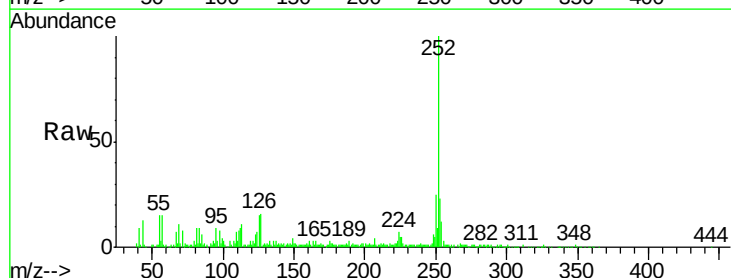
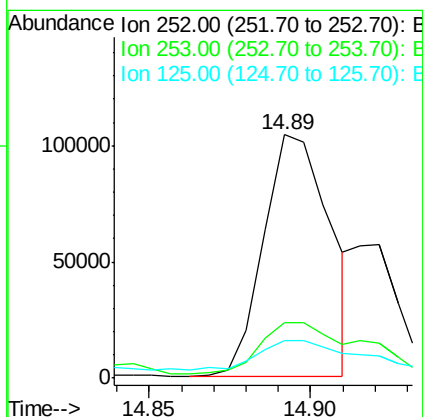
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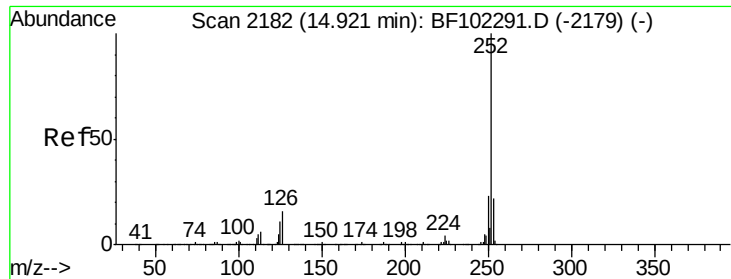
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#87
Benzo(b)fluoranthene
Concen: 10.015 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	17.0	25.6
125	15.4	9.0	13.6#





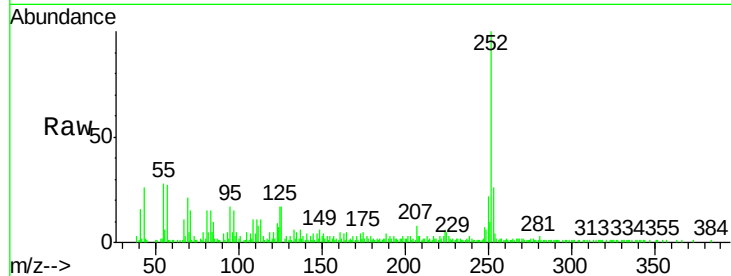
#88
Benzo(k)fluoranthene
Concen: 4.057 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
EPE-121-2(0-5)

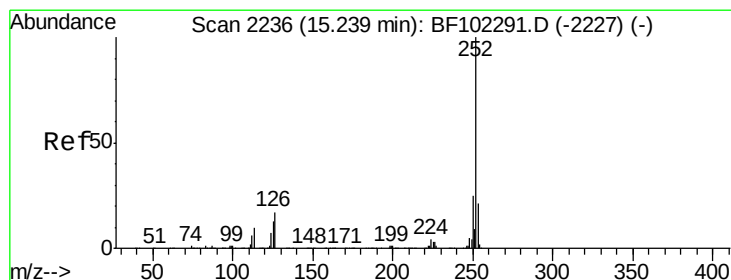
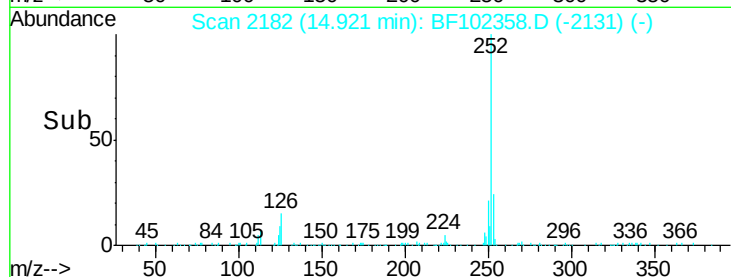
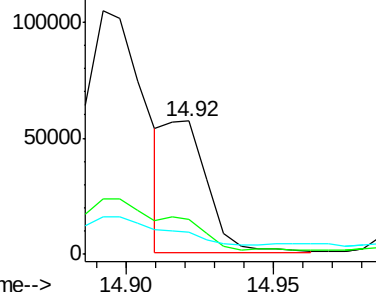
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	16.9	10.2	15.2

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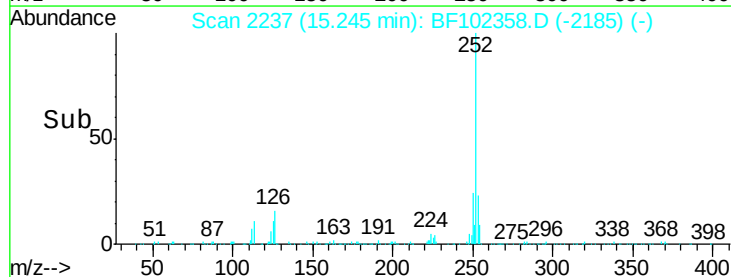
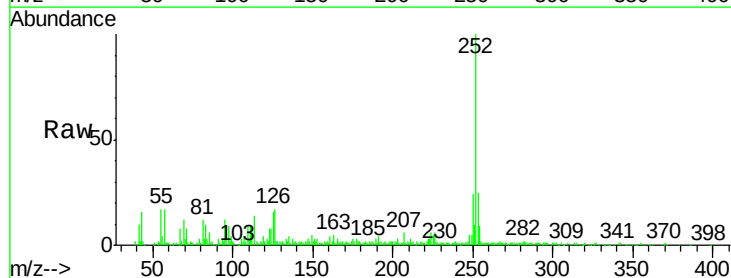
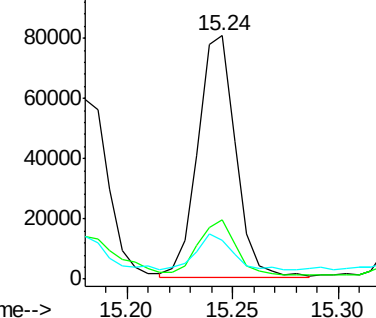
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

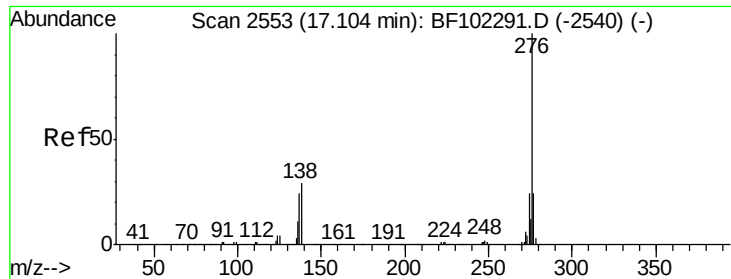


#89
Benzo(a)pyrene
Concen: 7.374 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102358.D
Acq: 23 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	15.9	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(g,h,i)perylene
 Concen: 3.968 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. 0.01 min
 Lab File: BF102358.D
 Acq: 23 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 EPE-121-2(0-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	29.3	21.8	32.8

Manual Integrations
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