

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102442.D
 Acq On : 25 Jan 2018 23:45
 Operator : SJ/JU
 Sample : J1236-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33E-6RE

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:45 AM

Quant Time: Jan 26 02:52:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149330	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	599133	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	248313	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	356596	20.00	ng	0.00
75) Chrysene-d12	13.88	240	282271	20.00	ng	0.00
86) Perylene-d12	15.31	264	246212	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	215965	21.93	ng	0.01
7) Phenol-d6	6.36	99	949470	79.97	ng	0.00
23) Nitrobenzene-d5	7.29	82	724806	69.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	16022	6.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1084475	64.22	ng	0.00
78) Terphenyl-d14	12.82	244	745301	59.52	ng	0.00
Target Compounds						
10) Phenol	6.37	94	86831	6.699	ng	95
20) 3+4-Methylphenols	7.14	107	34277	3.250	ng	91
49) Dimethylphthalate	9.47	163	193303	9.418	ng	99
70) Phenanthrene	11.26	178	49226	2.369	ng	99
73) Di-n-butylphthalate	11.80	149	82480	3.189	ng	98
74) Fluoranthene	12.45	202	81048	3.825	ng	97
77) Pyrene	12.68	202	152618	6.993	ng	97
80) Benzo(a)anthracene	13.87	228	46508m	2.676	ng	
82) Chrysene	13.90	228	53299	3.020	ng	97
85) Indeno(1,2,3-cd)pyrene	16.70	276	33434	2.294	ng	96
87) Benzo(b)fluoranthene	14.90	252	65570m	4.109	ng	
89) Benzo(a)pyrene	15.24	252	56664	3.937	ng	# 95
91) Benzo(a,h,i)perylene	17.12	276	44993	3.908	ng	# 87

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

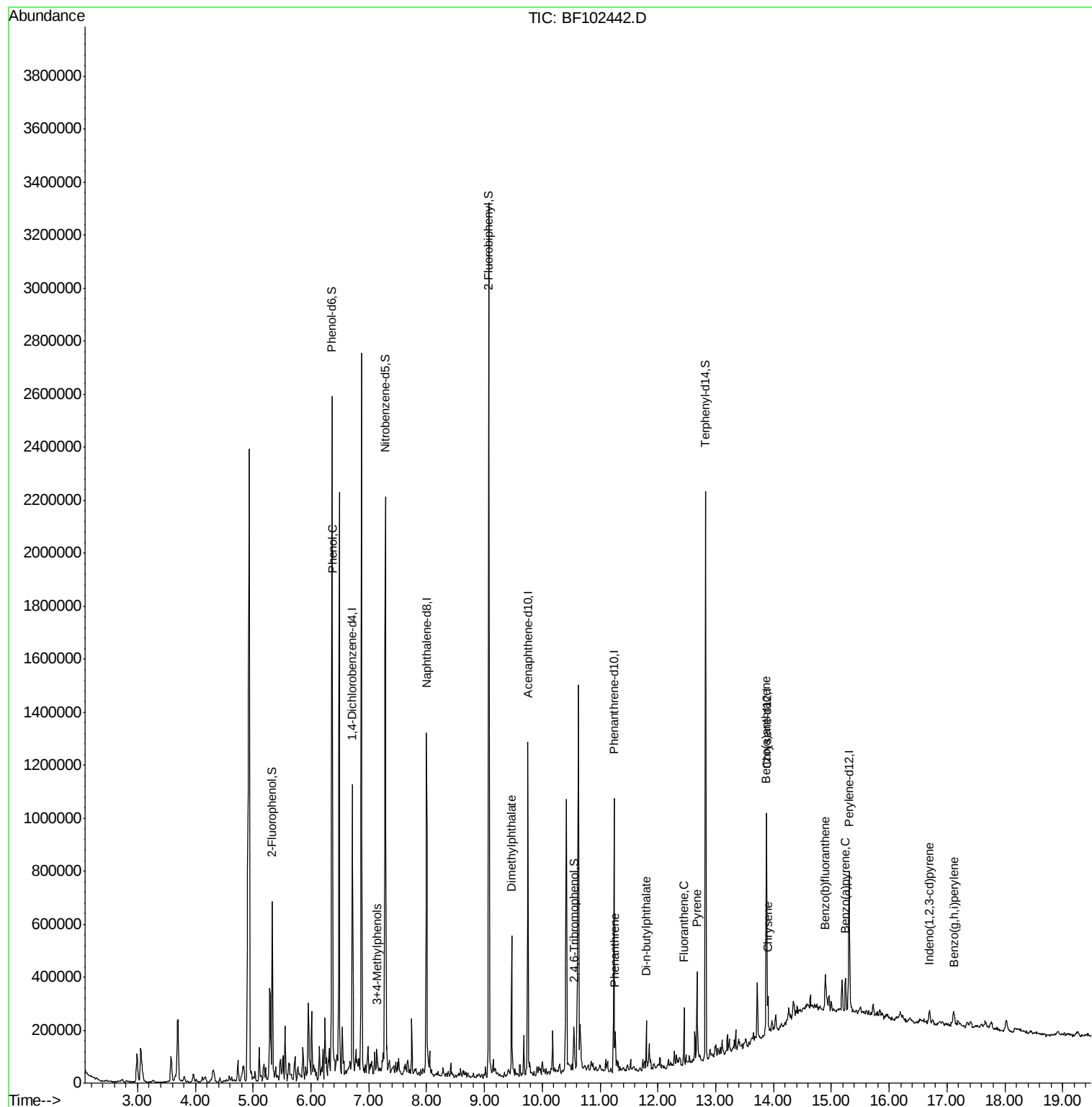
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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ALS Vial : 13 Sample Multiplier: 1

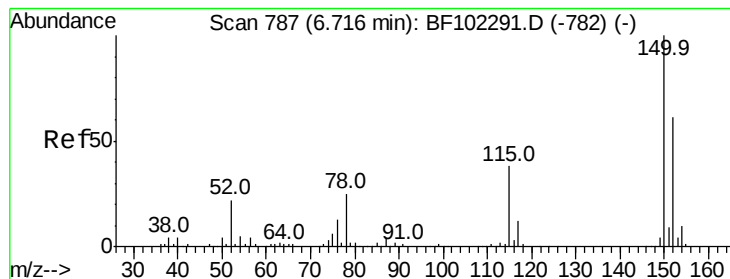
Instrument :
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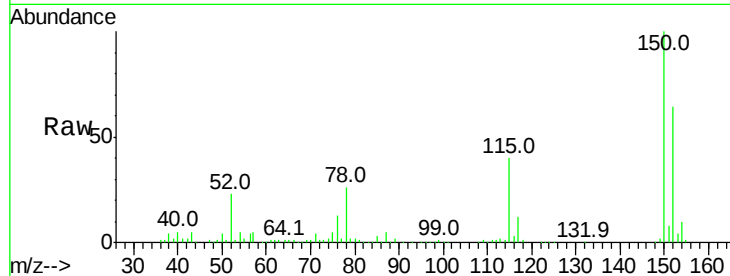
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 33E-6RE

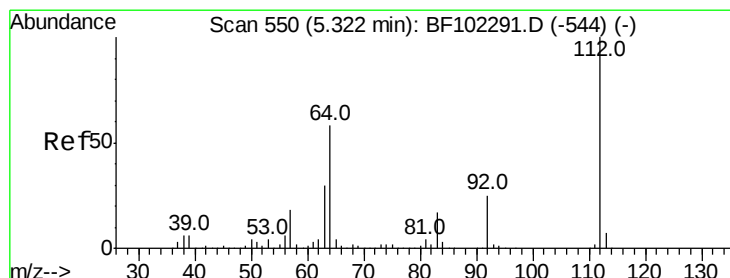
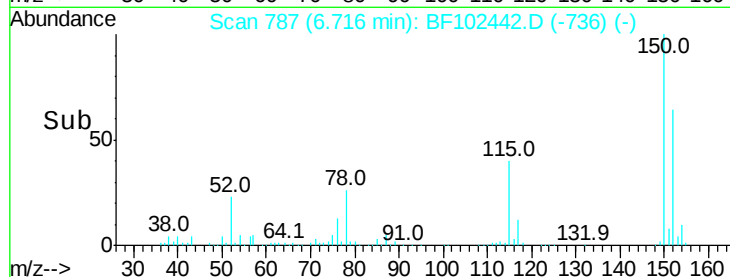
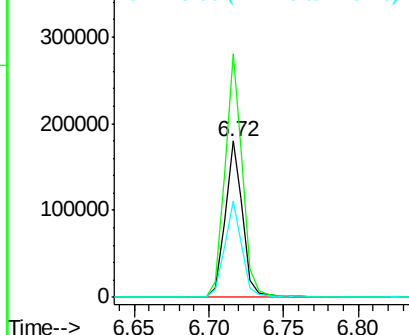
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.8	50.1	75.1

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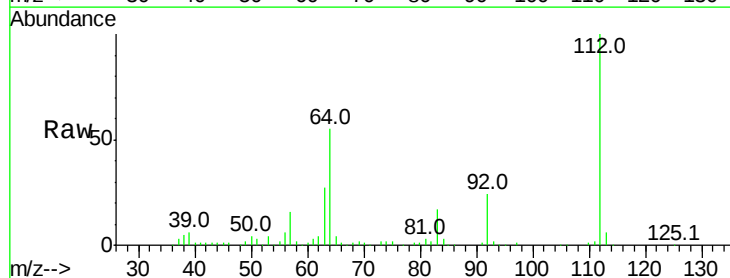


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

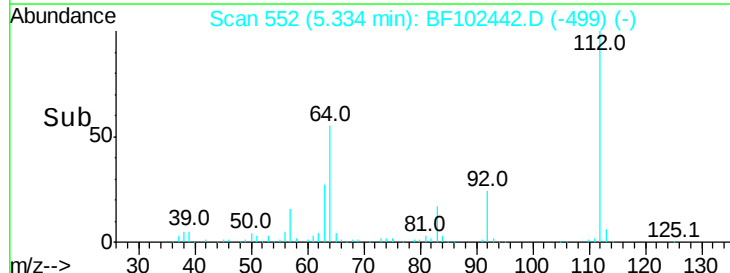
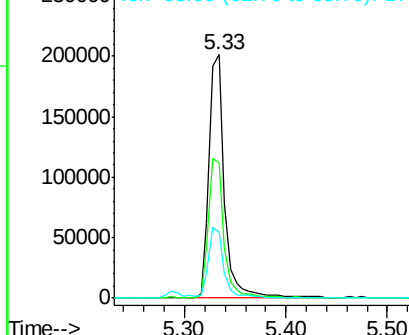


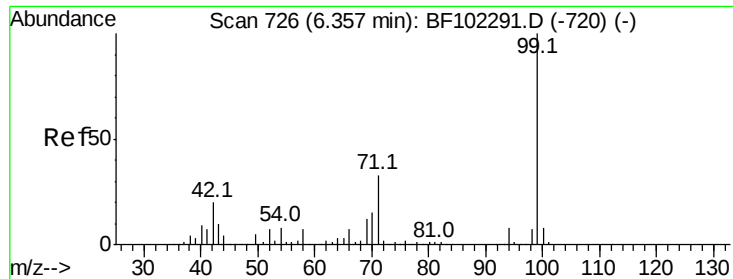
#5
 2-Fluorophenol
 Concen: 21.929 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.2	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





#7

Phenol-d6

Concen: 79.967 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Instrument :

BNA_F

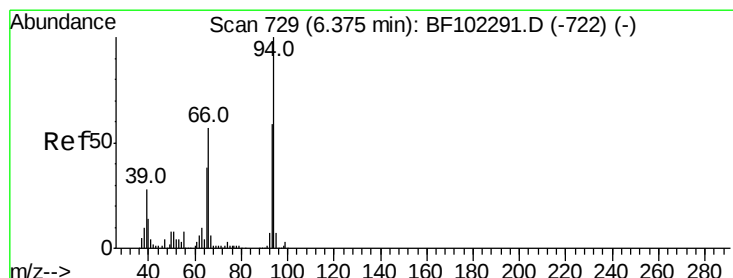
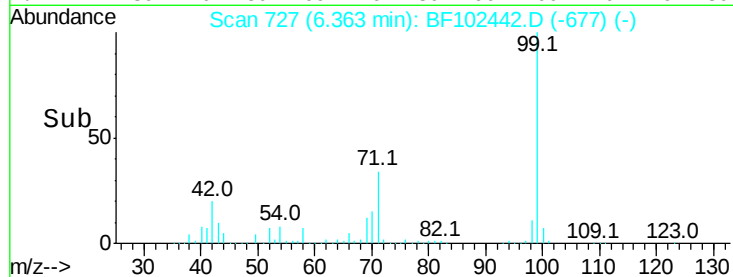
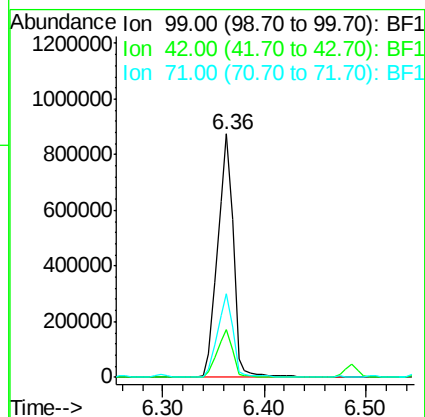
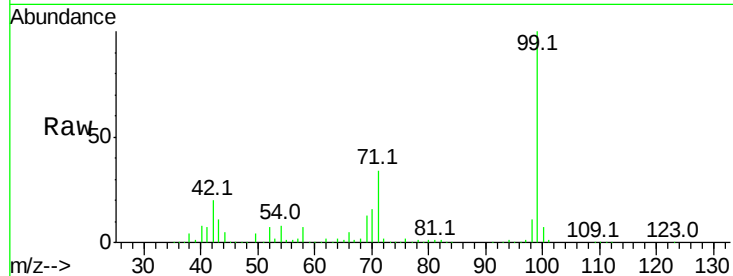
ClientSampled :

33E-6RE

Tot Ion:	99	Resp:	949470
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	34.2	25.4	38.0

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#10

Phenol

Concen: 6.699 ng

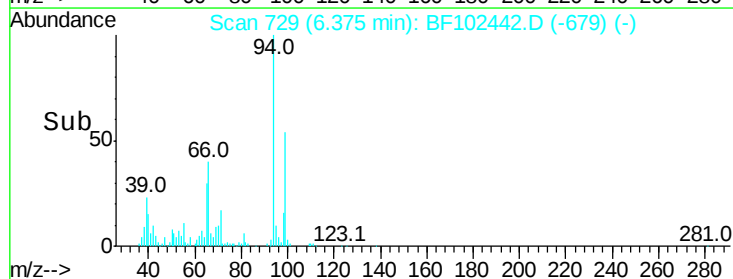
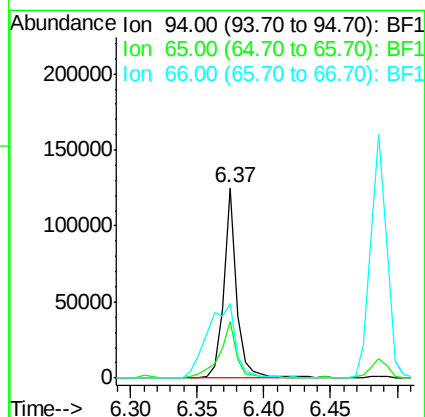
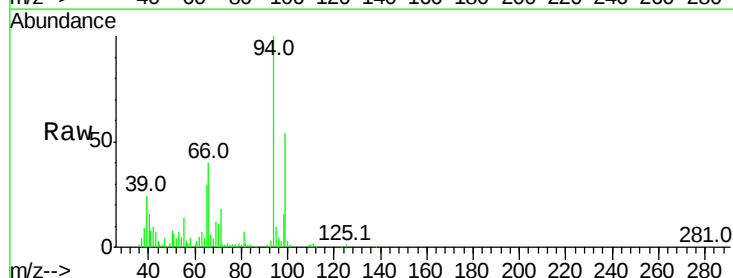
RT: 6.37 min Scan# 729

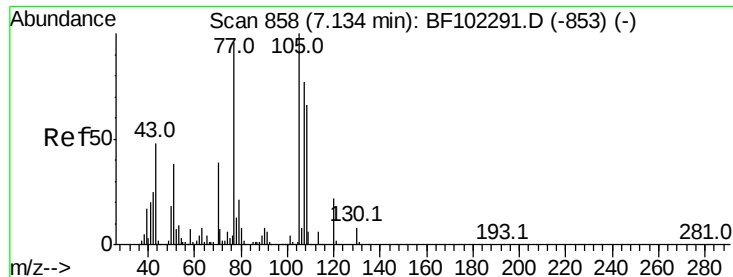
Delta R.T. -0.01 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Tgt Ion:	94	Resp:	86831
Ion Ratio	Lower	Upper	
94	100		
65	29.7	7.9	47.9
66	39.6	16.2	56.2





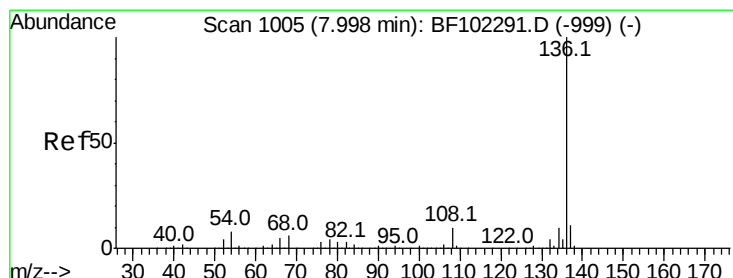
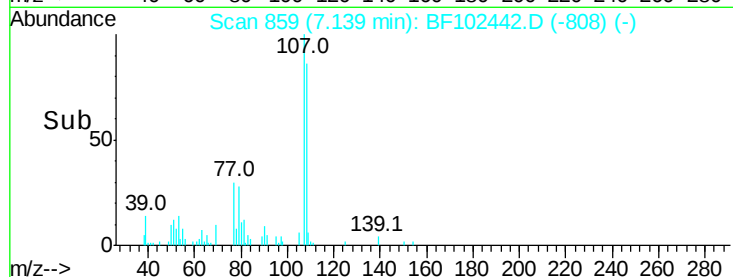
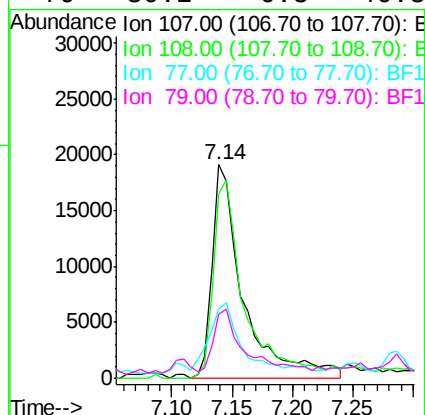
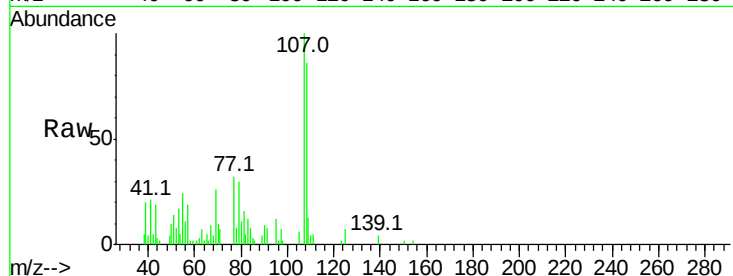
#20
3+4-Methylphenols
Concen: 3.250 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion:	107	Resp:	34277
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	32.2	26.7	66.7
79	30.2	6.3	46.3

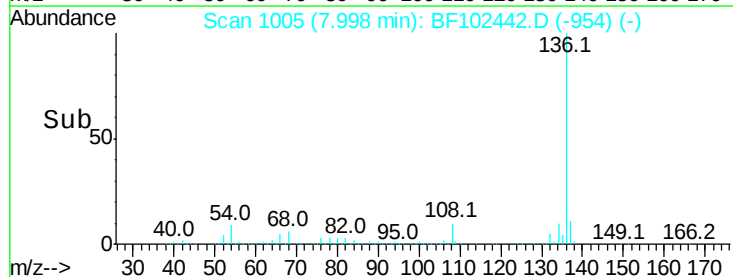
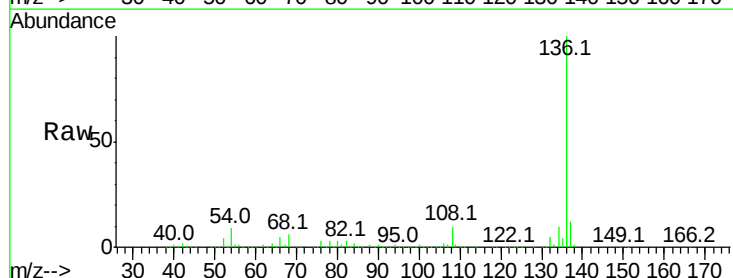
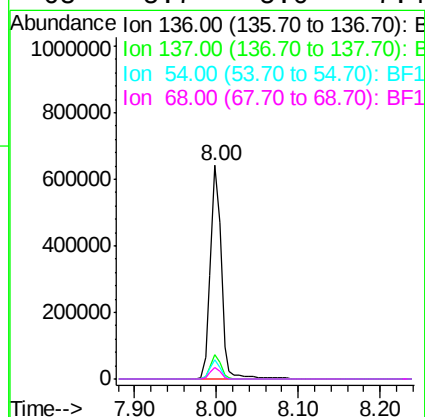
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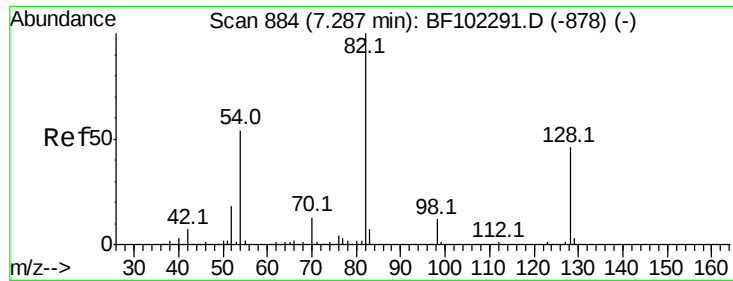
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion:	136	Resp:	599133
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	5.7	5.0	7.4





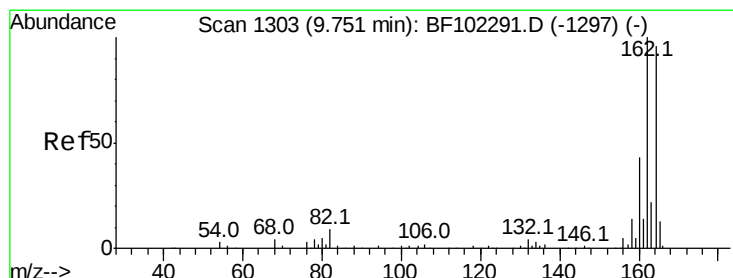
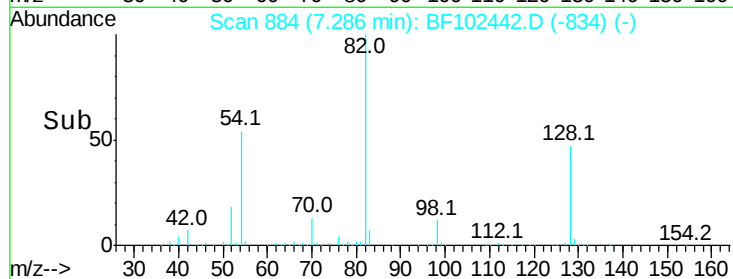
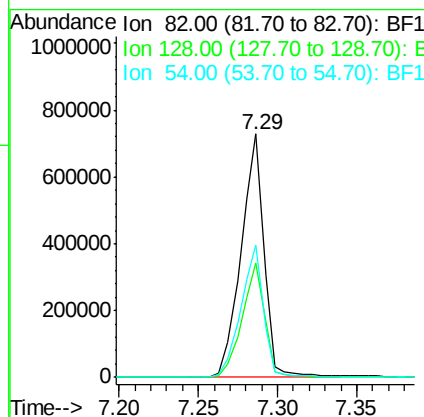
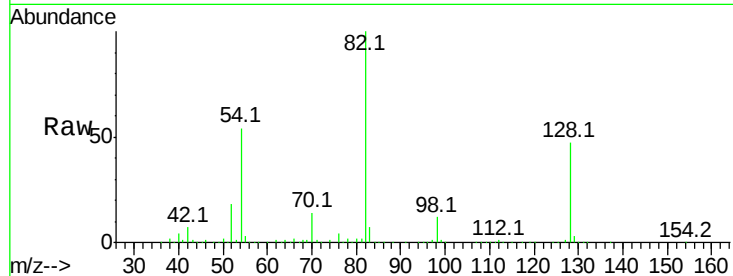
#23
Nitrobenzene-d5
Concen: 69.521 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	54.1	41.4	62.2

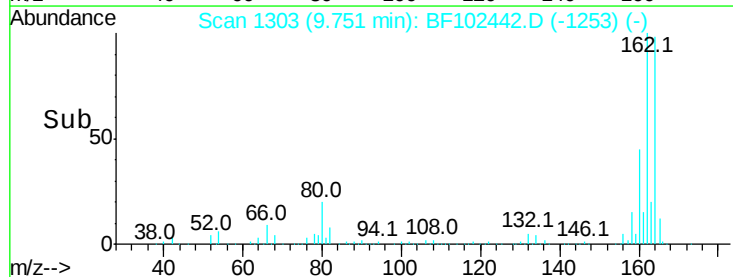
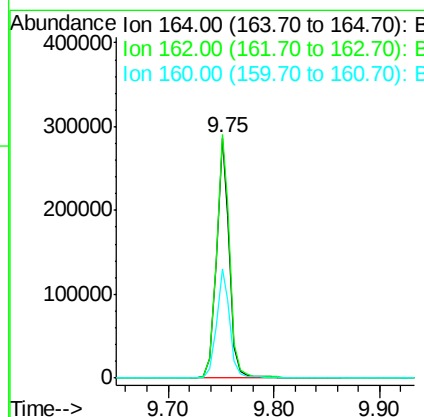
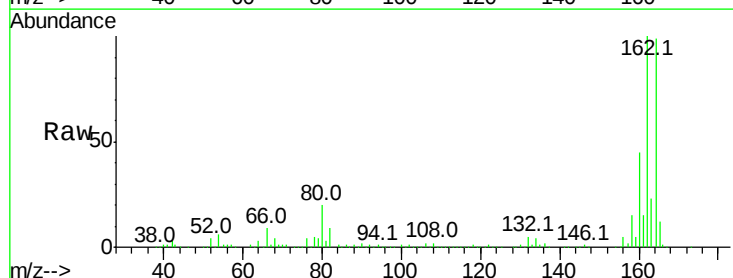
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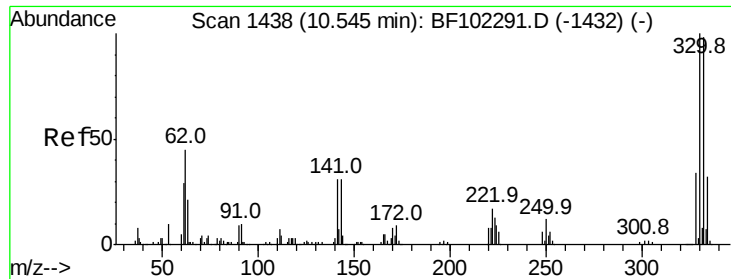
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	45.5	38.3	57.5





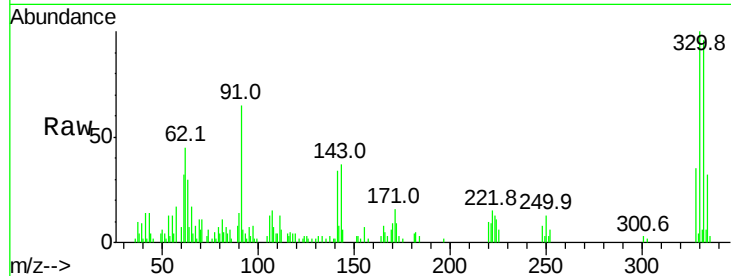
#41
 2,4,6-Tribromophenol
 Concen: 6.512 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 33E-6RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	53.0	29.9	44.9

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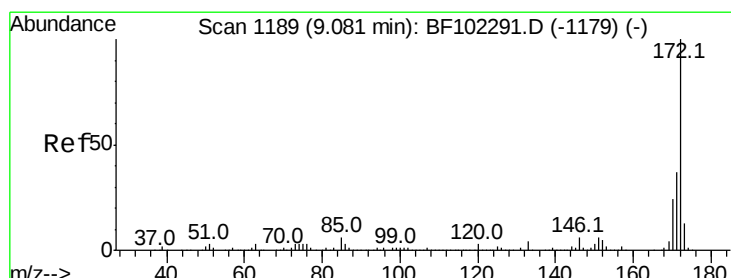
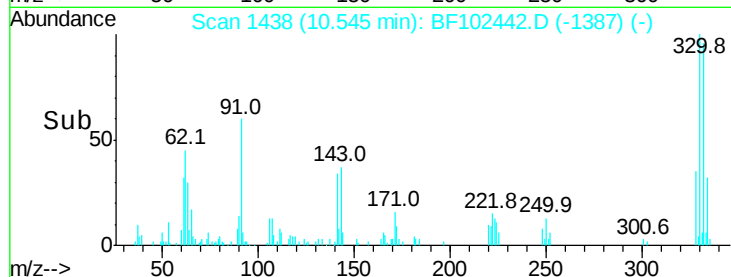
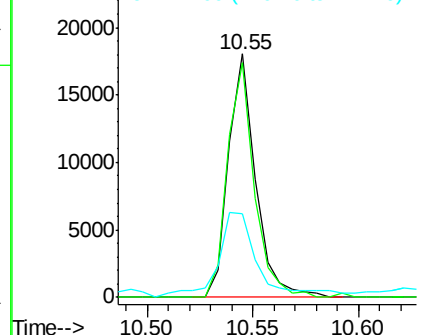


Abundance

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: 64.216 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

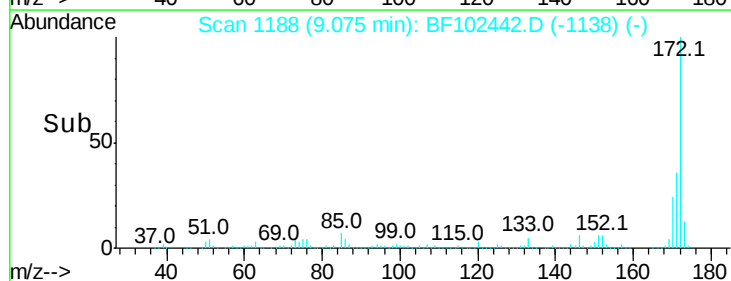
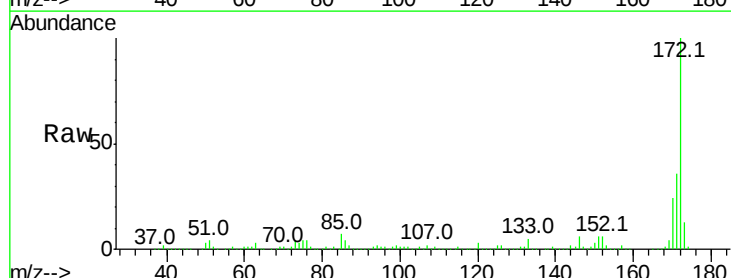
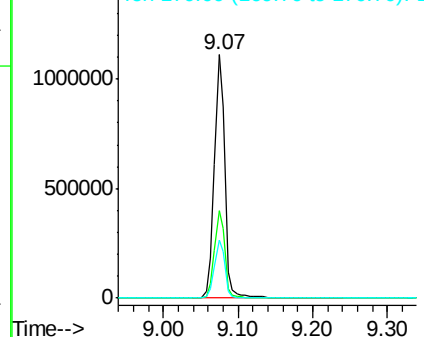
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

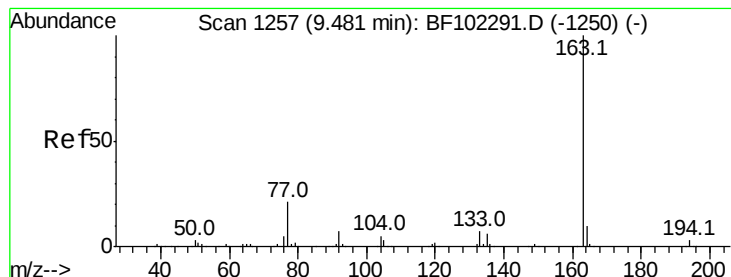
Abundance

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: 9.418 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Instrument :

BNA_F

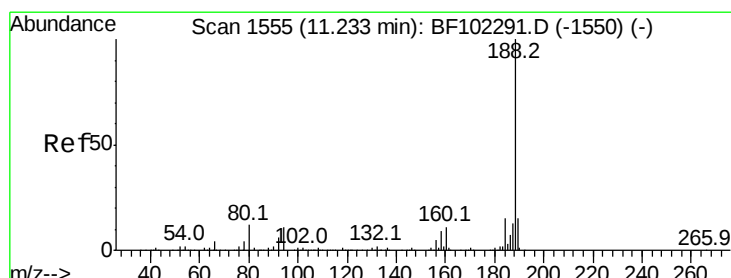
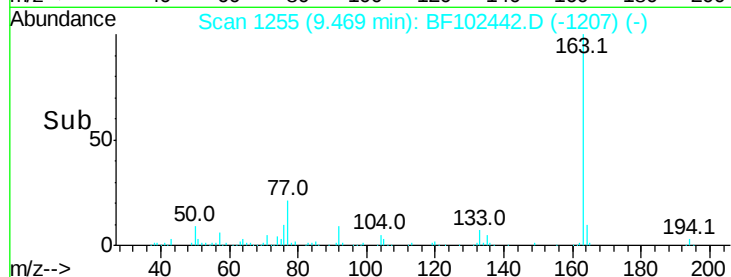
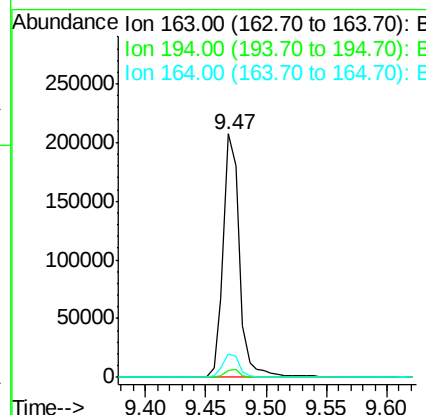
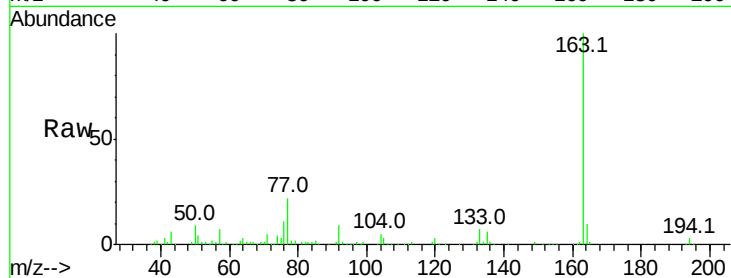
ClientSampleId :

33E-6RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	193303		
194	3.0		2.7	4.1
164	9.9		8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

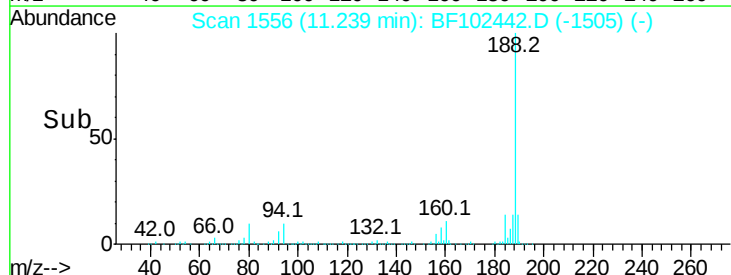
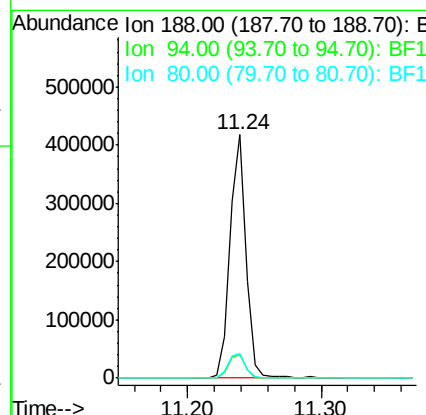
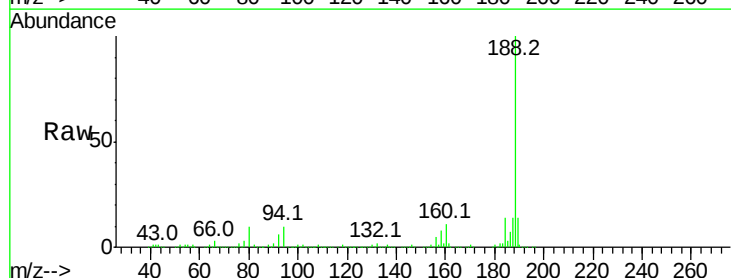
RT: 11.24 min Scan# 1556

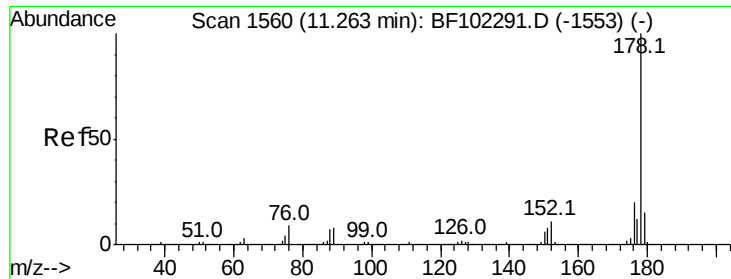
Delta R.T. 0.00 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356596		
94	9.7		8.5	12.7
80	10.1		9.2	13.8





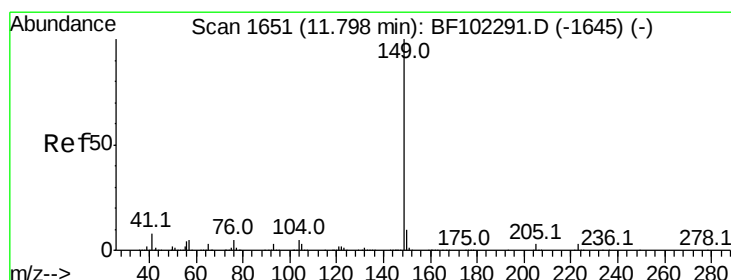
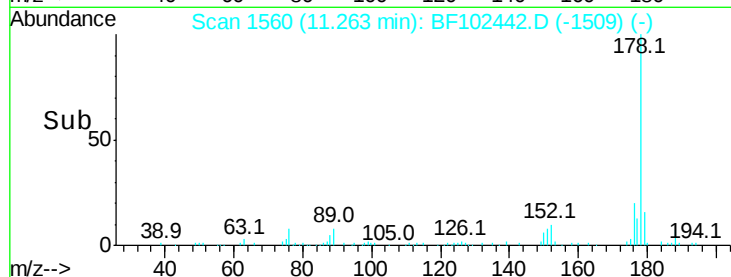
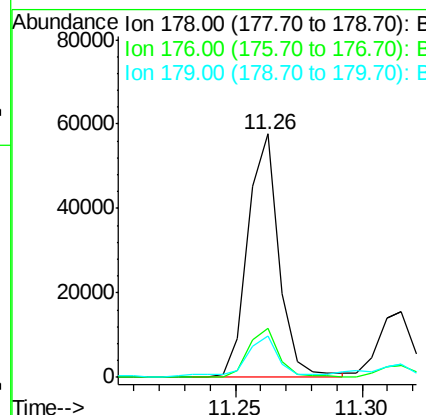
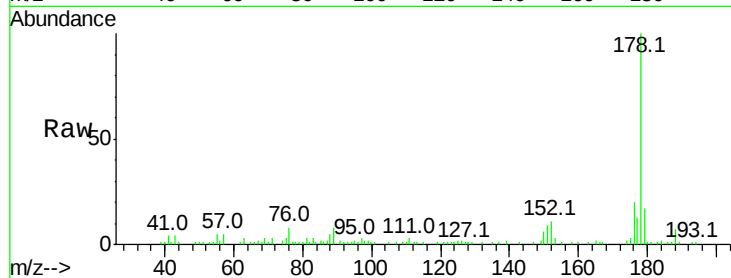
#70
Phenanthrene
Concen: 2.369 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.8	13.0	19.6

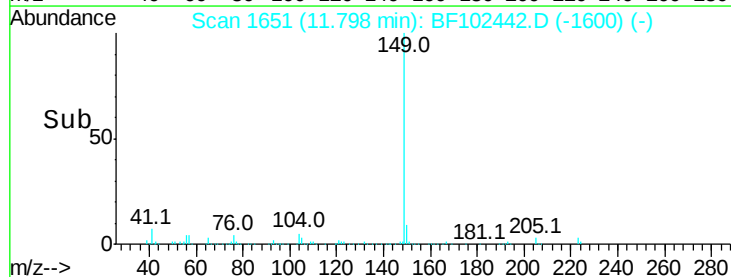
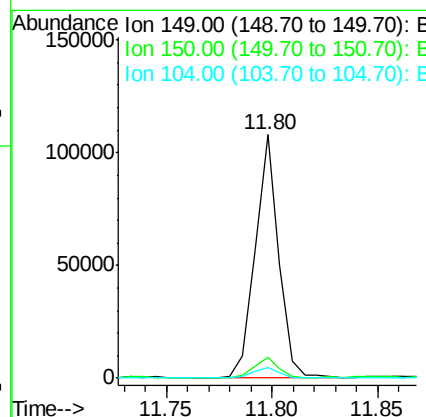
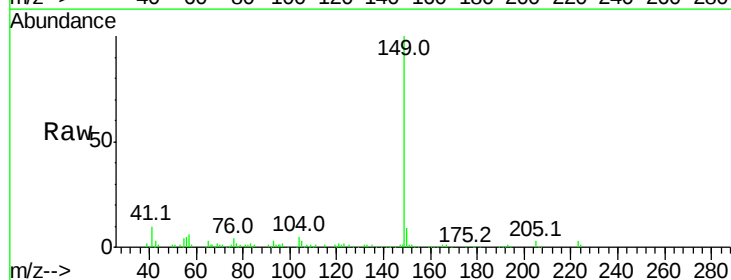
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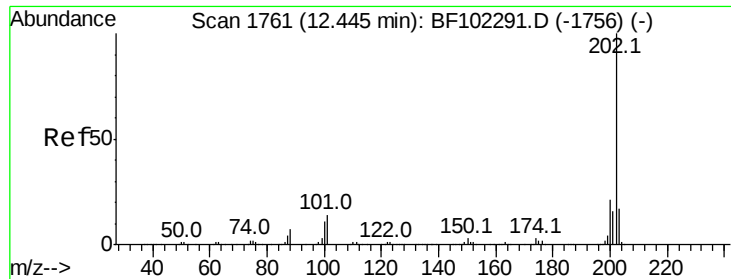
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#73
Di-n-butylphthalate
Concen: 3.189 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	4.6	3.8	5.8





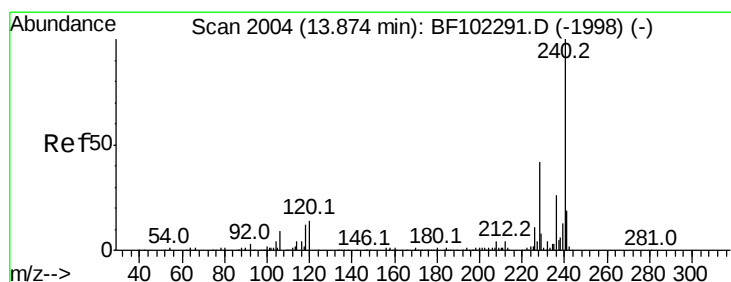
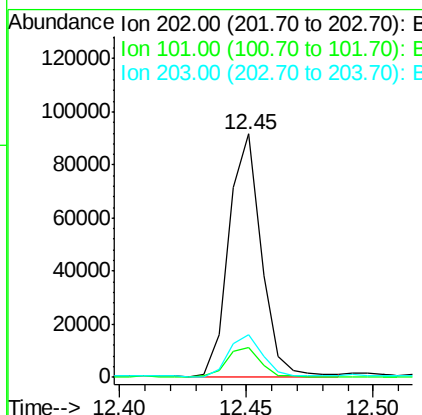
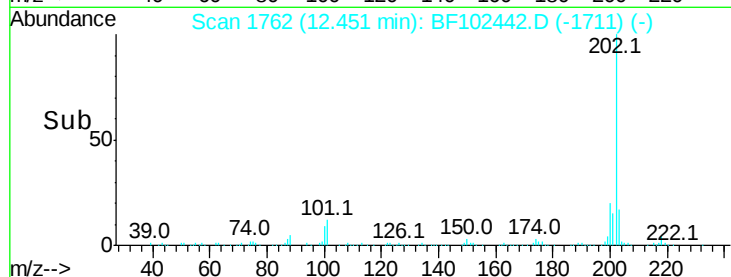
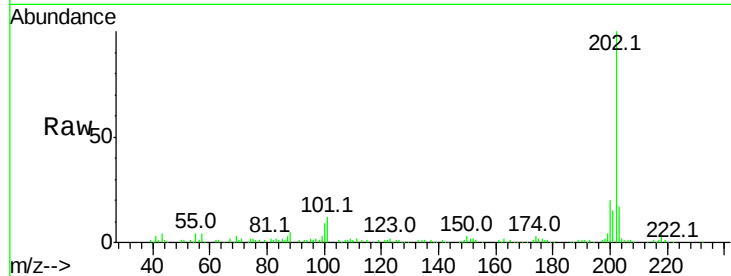
#74
Fluoranthene
Concen: 3.825 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.4	0.0	38.1

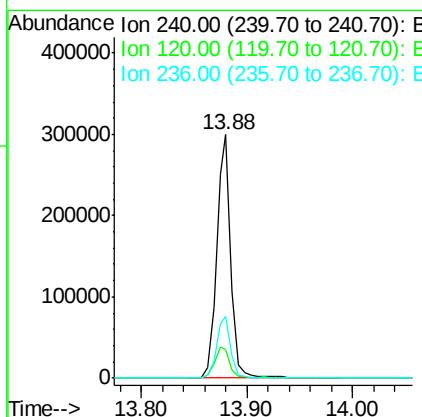
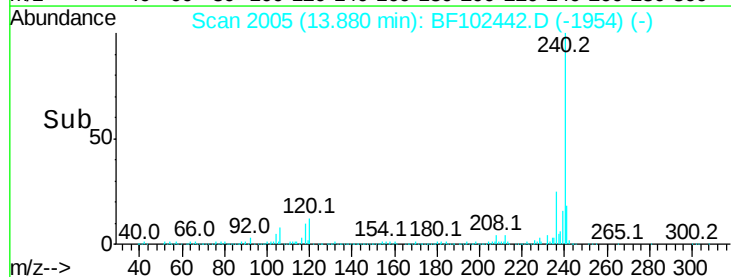
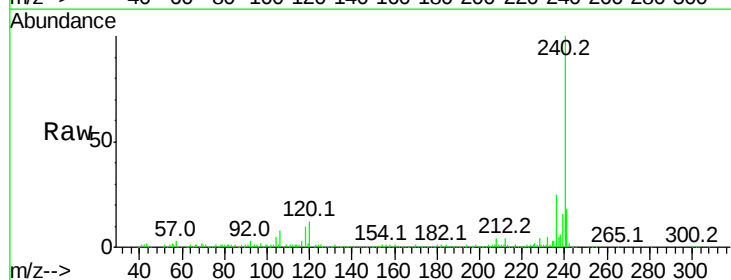
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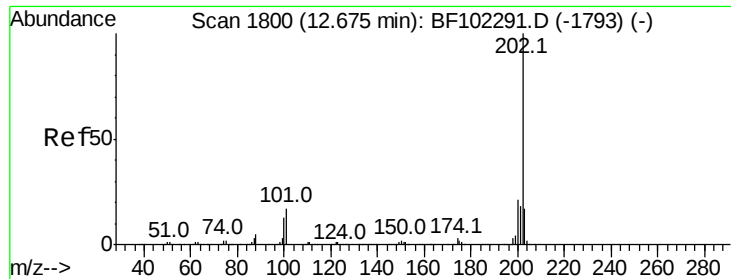
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.4	20.7	31.1





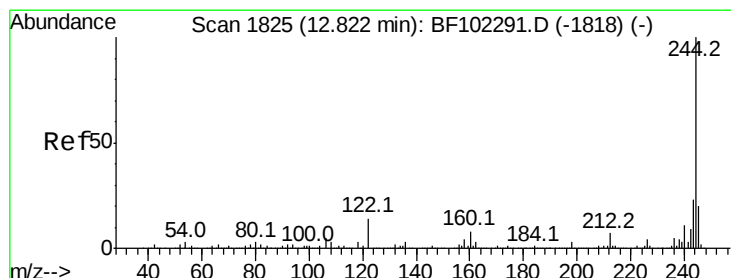
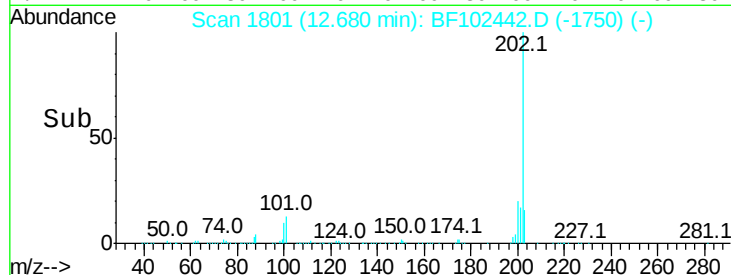
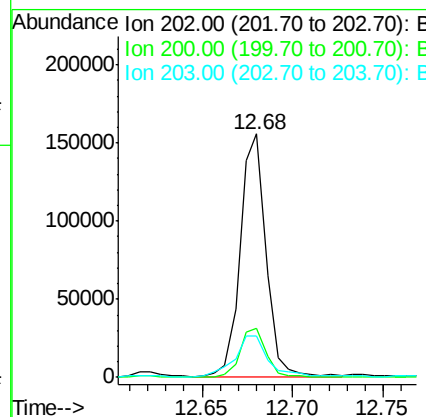
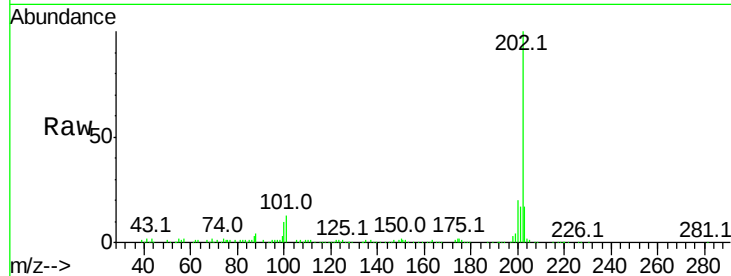
#77
Pvrene
Concen: 6.993 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.8	14.3	21.5

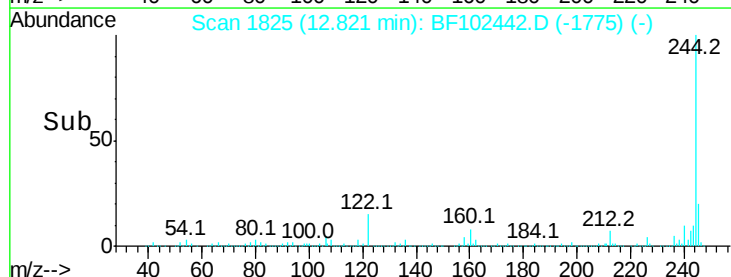
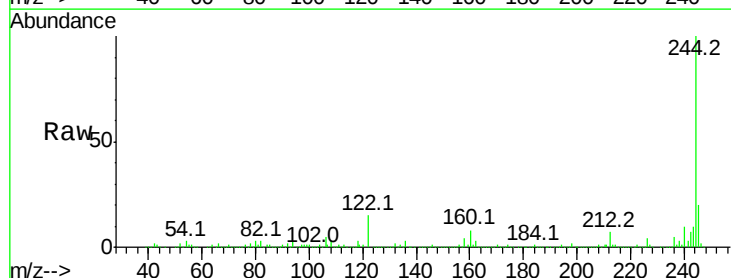
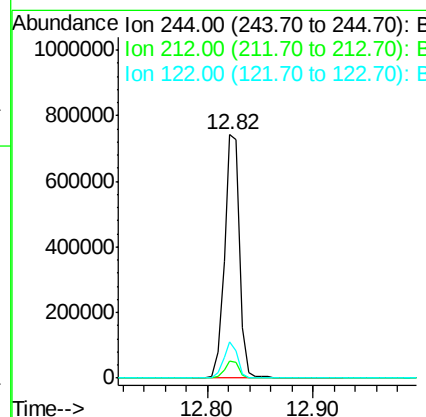
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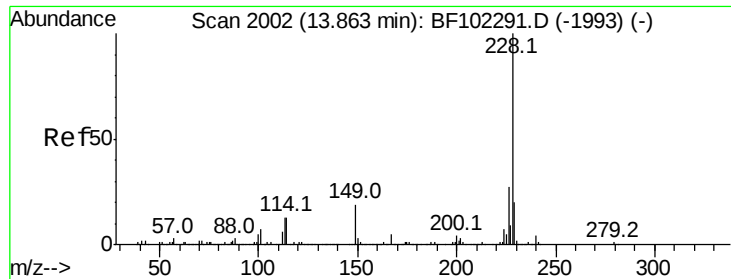
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#78
Terphenyl-d14
Concen: 59.524 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4





#80

Benzo(a)anthracene

Concen: 2.676 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Instrument :

BNA_F

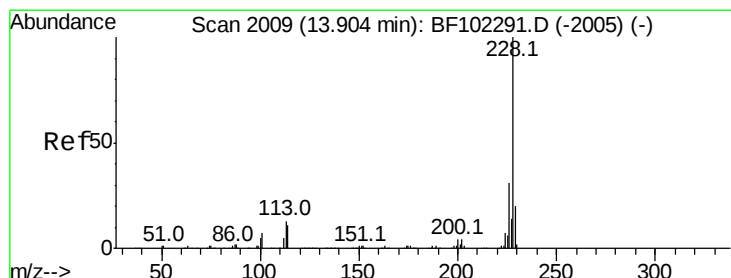
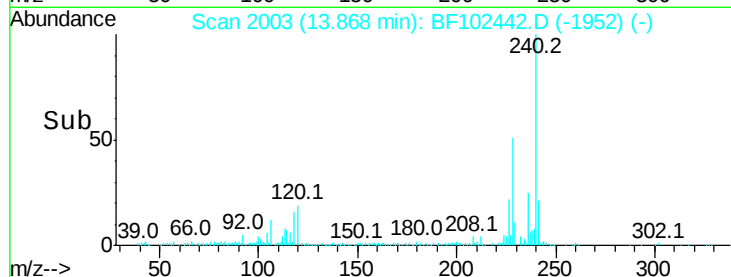
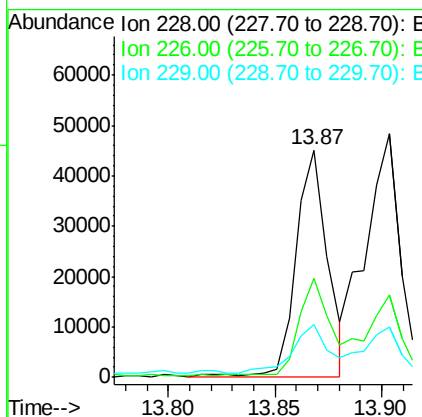
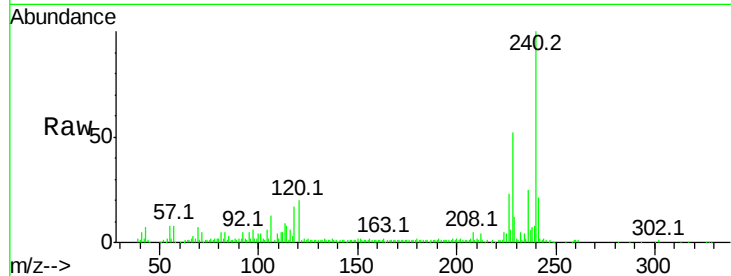
ClientSampleId :

33E-6RE

Tot Ion:	228	Resp:	46508
Ion	Ratio	Lower	Upper
228	100		
226	43.5	22.6	33.8#
229	23.4	15.8	23.6

Manual Integrations
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#82

Chrysene

Concen: 3.020 ng

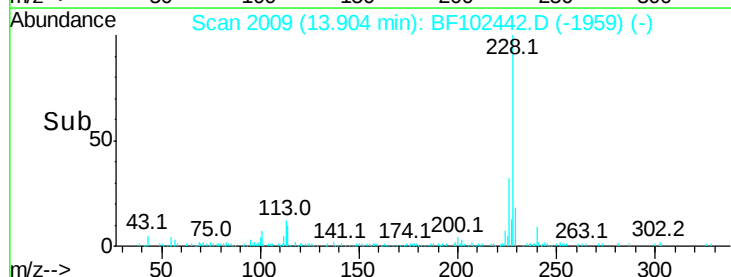
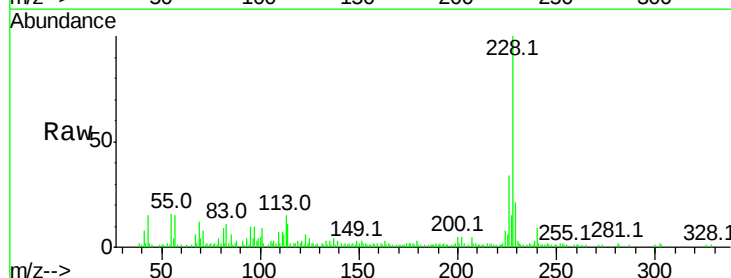
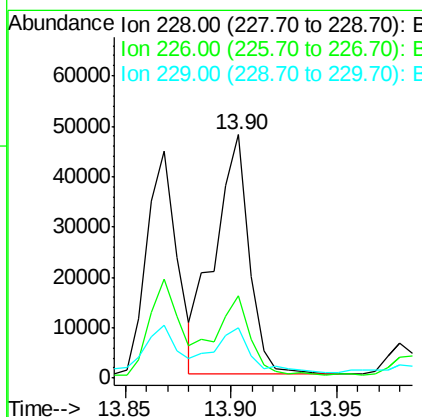
RT: 13.90 min Scan# 2009

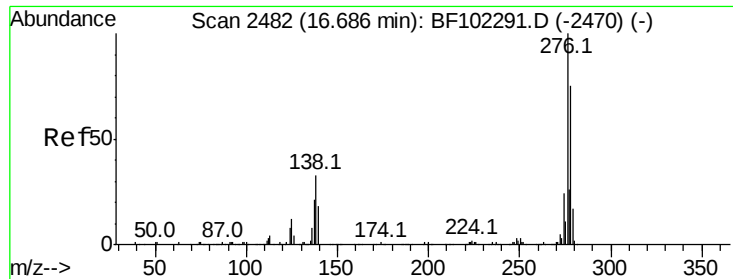
Delta R.T. -0.01 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Tgt Ion:	228	Resp:	53299
Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	20.9	16.2	24.4





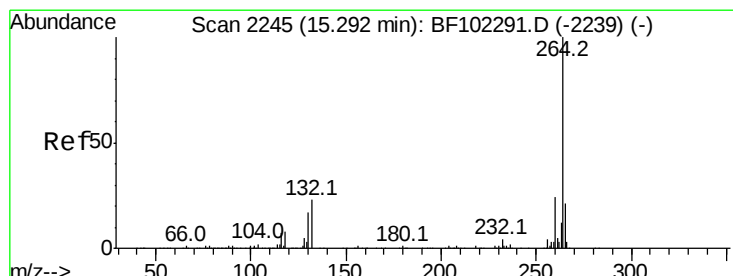
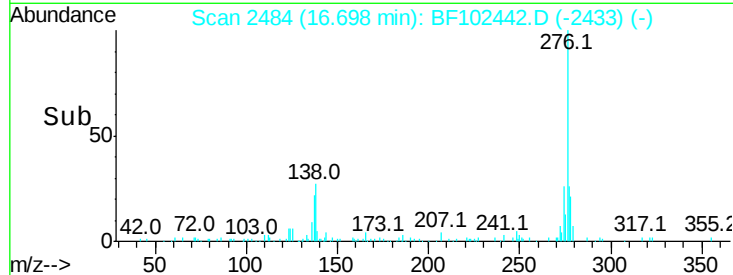
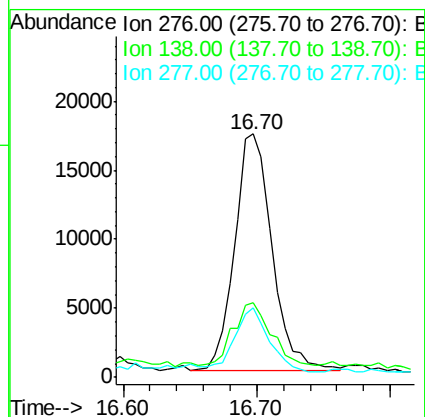
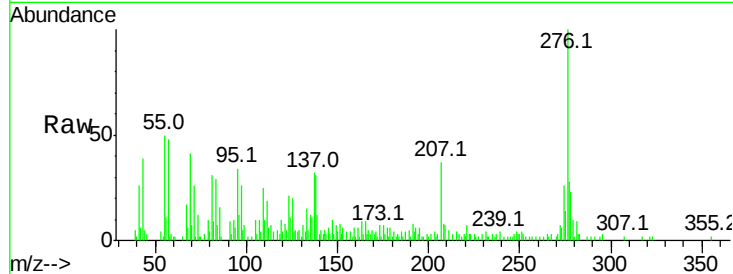
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.294 ng
 RT: 16.70 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 33E-6RE

Tot Ion:	276	Resp:	33434
Ion Ratio	Lower	Upper	
276	100		
138	27.0	25.0	37.6
277	25.3	20.1	30.1

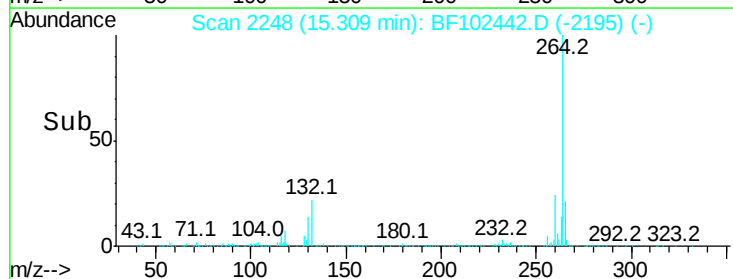
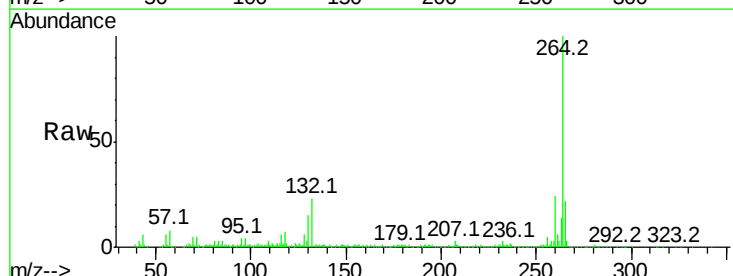
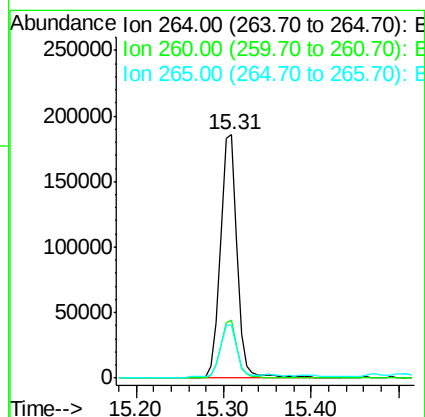
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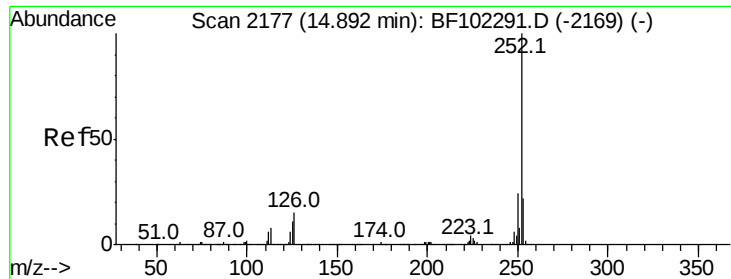
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102442.D
 Acq: 25 Jan 2018 23:45

Tgt Ion:	264	Resp:	246212
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





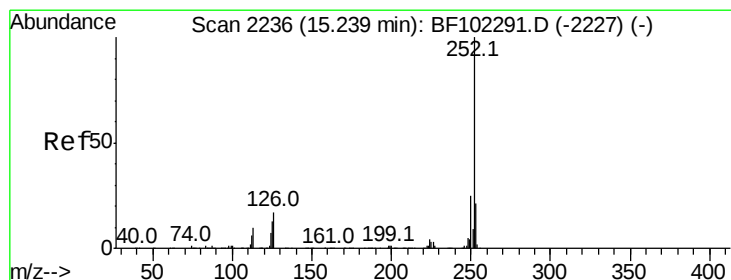
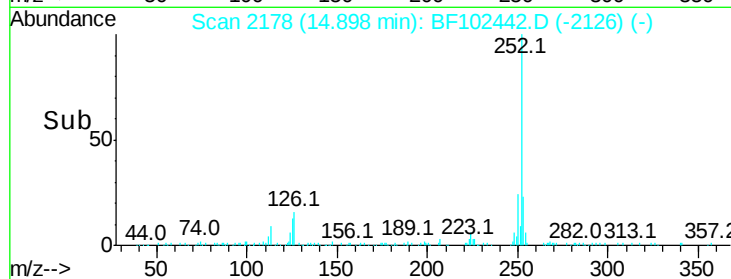
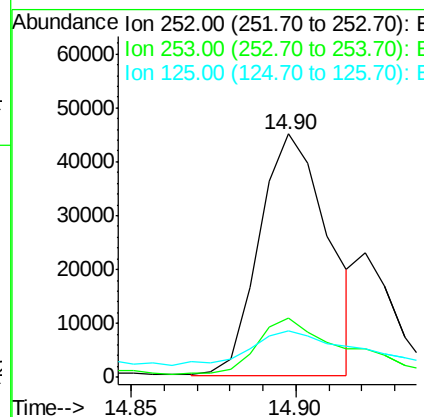
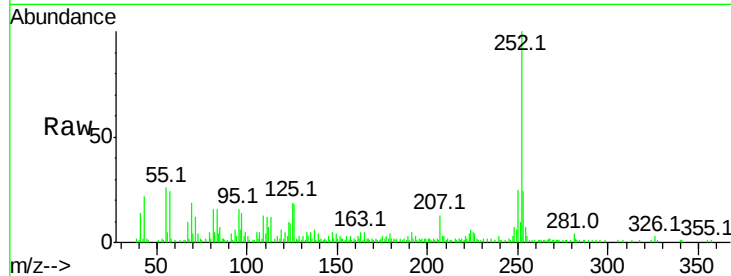
#87
Benzo(b)fluoranthene
Concen: 4.109 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
33E-6RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	19.2	9.0	13.6

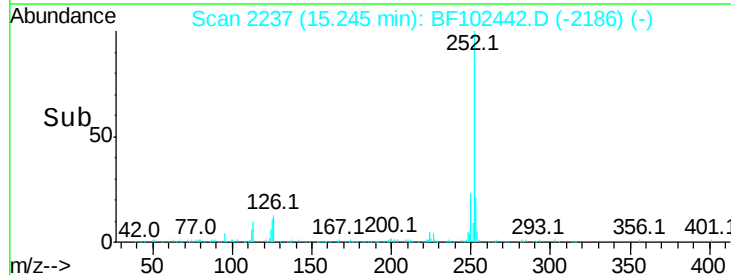
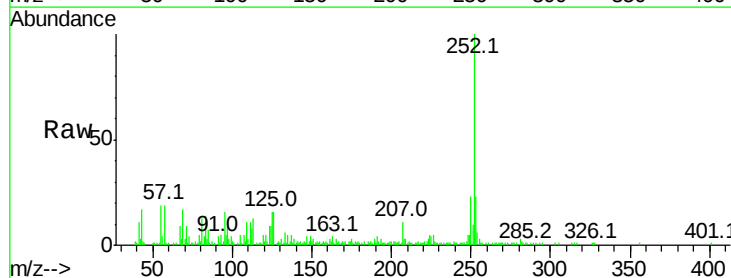
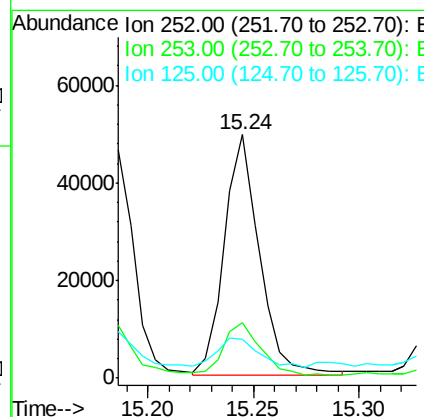
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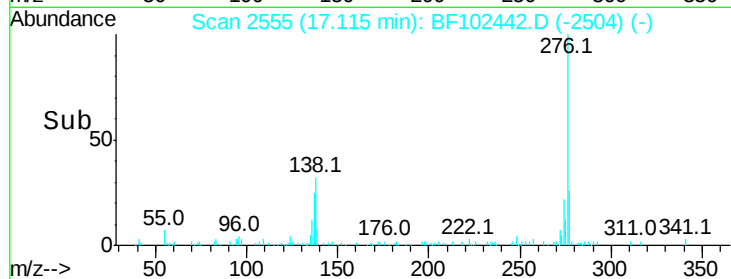
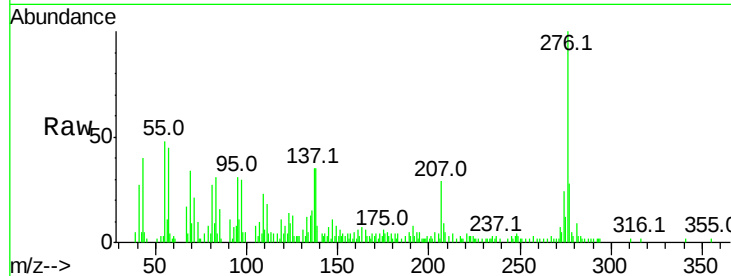
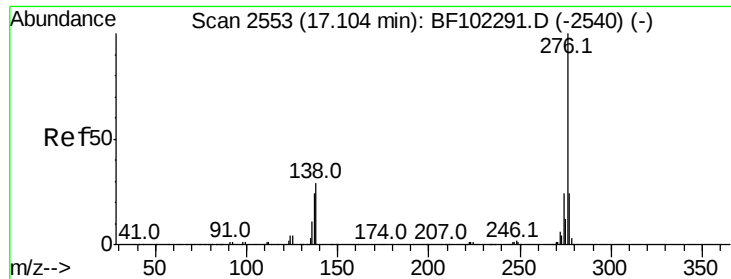
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#89
Benzo(a)pyrene
Concen: 3.937 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF102442.D
Acq: 25 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	15.8	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 3.908 ng

RT: 17.12 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BF102442.D

Acq: 25 Jan 2018 23:45

Instrument :

BNA_F

ClientSampleId :

33E-6RE

Tot Ion: 276 Resp: 44993

Ion Ratio Lower Upper

276 100

277 27.7 17.9 26.9#

138 34.5 21.8 32.8#

Manual Integrations

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