

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100030.D
 Acq On : 1 Nov 2017 6:28
 Operator : SJ/JU
 Sample : I6201-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Manual Integrations
 APPROVED

Sohil
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Quant Time: Nov 01 08:47:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87459	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362658	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	168361	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	290407	20.00	ng	0.00
75) Chrysene-d12	13.98	240	170079	20.00	ng	0.00
86) Perylene-d12	15.48	264	152381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	508816	91.34	ng	0.00
7) Phenol-d6	6.43	99	616118	93.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	337780	59.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	130264	84.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	704048	64.52	ng	0.00
78) Terphenyl-d14	12.90	244	536549	68.94	ng	0.00
Target Compounds						
10) Phenol	6.45	94	34772	4.795	ng	90
49) Dimethylphthalate	9.54	163	119711	8.979	ng	99
70) Phenanthrene	11.35	178	74962	4.574	ng	97
74) Fluoranthene	12.54	202	118270	6.944	ng	99
77) Pyrene	12.77	202	91388	7.066	ng	98
80) Benzo(a)anthracene	13.97	228	44651	4.141	ng	95
82) Chrysene	14.01	228	37936	3.743	ng	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	23296	2.503	ng	99
87) Benzo(b)fluoranthene	15.06	252	47884m	4.976	ng	
89) Benzo(a)pyrene	15.43	252	34063	3.941	ng	100
91) Benzo(g,h,i)perylene	17.46	276	22570	3.004	ng	96

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

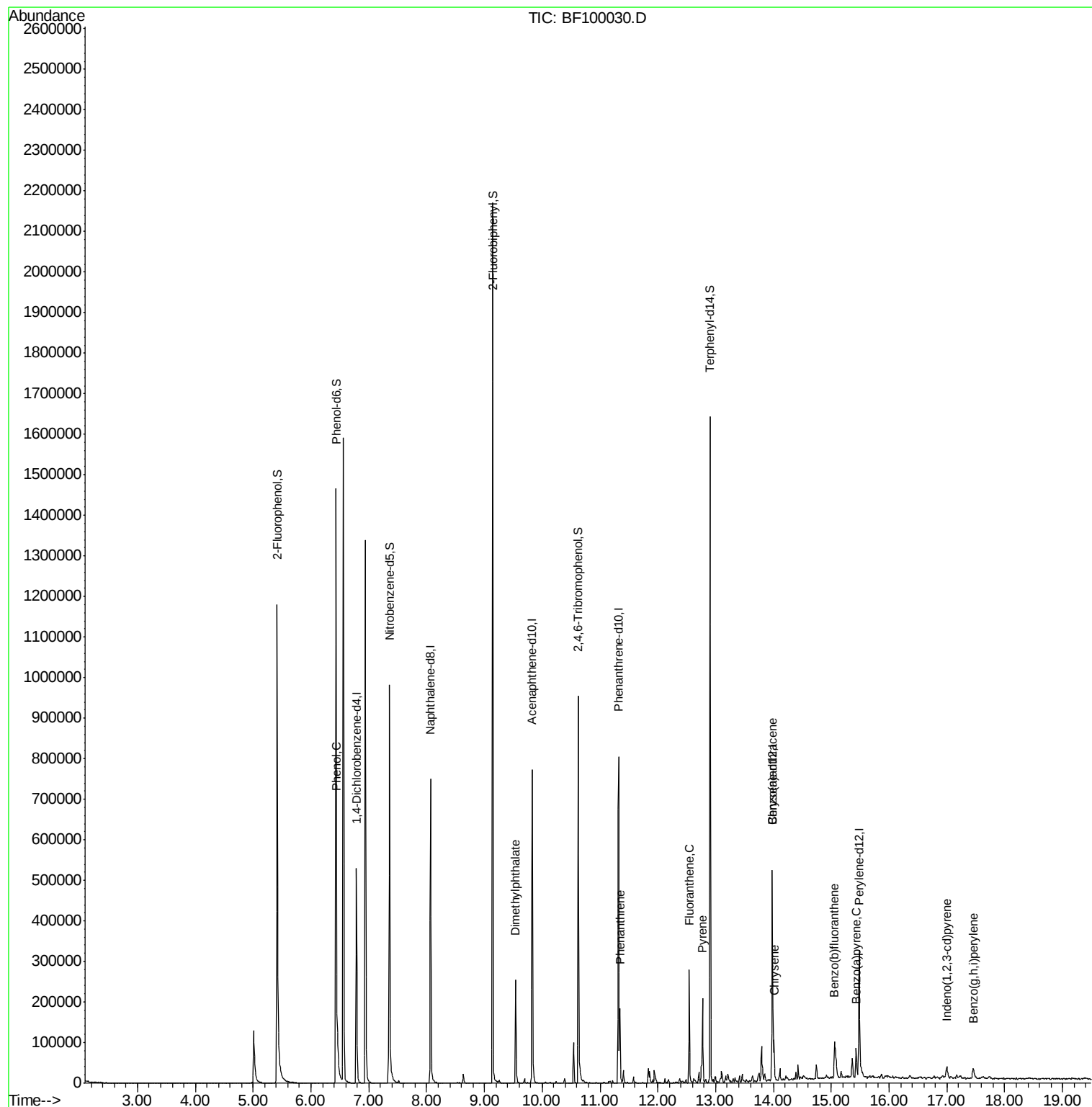
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100030.D
Acq On : 1 Nov 2017 6:28
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Sample : I6201-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

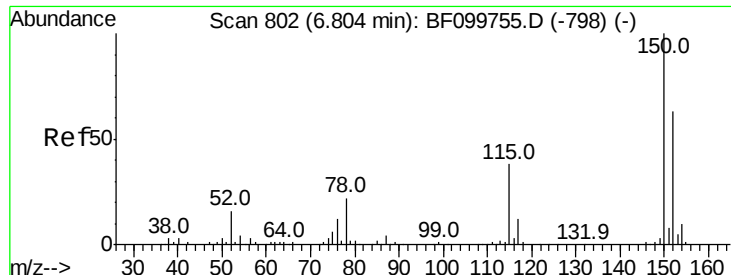
Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

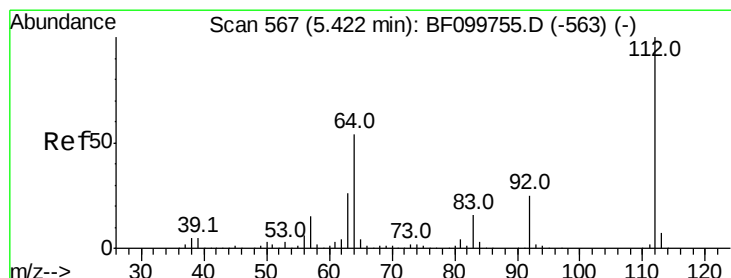
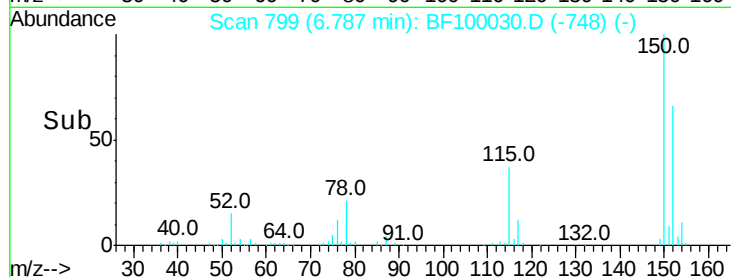
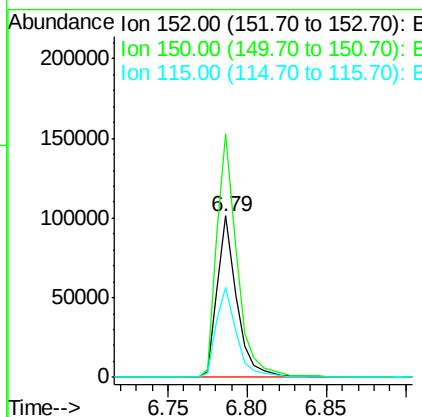
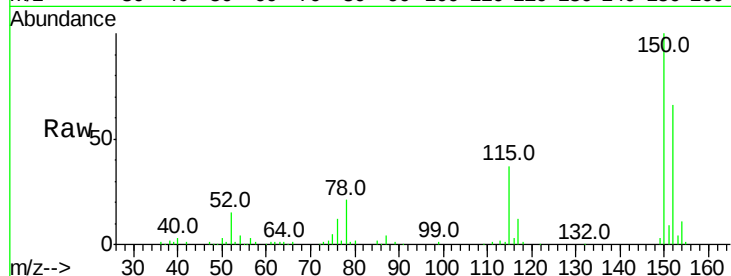
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	55.8	50.1	75.1

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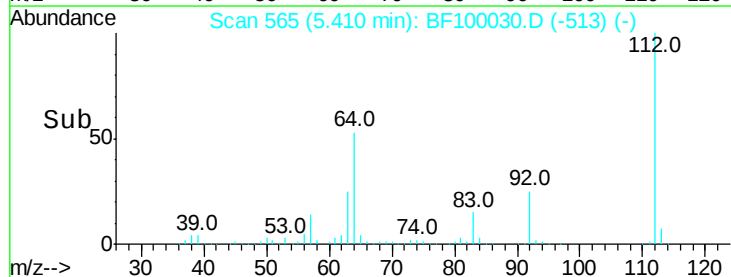
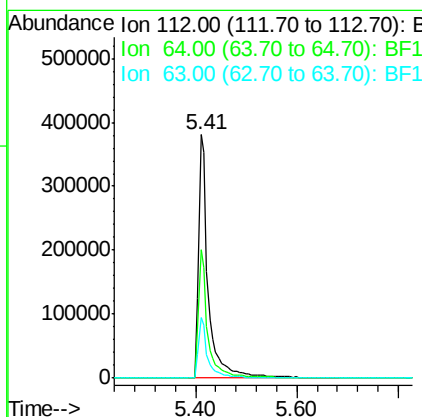
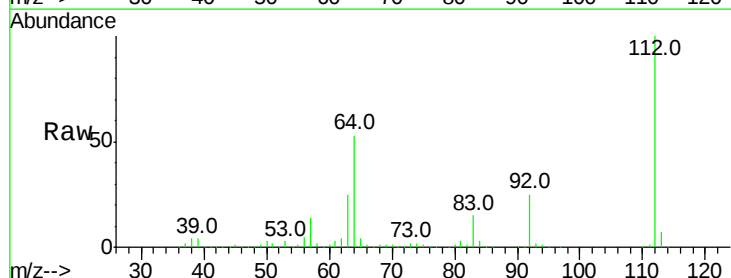
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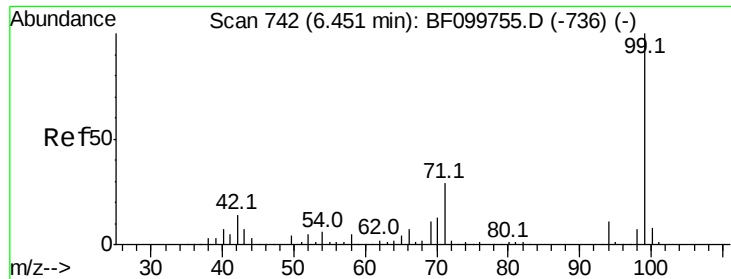


#5

2-Fluorophenol
Concen: 91.337 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	25.1	23.7	35.5





#7

Phenol-d6

Concen: 93.276 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100030.D

Acq: 1 Nov 2017 6:28

Instrument :

BNA_F

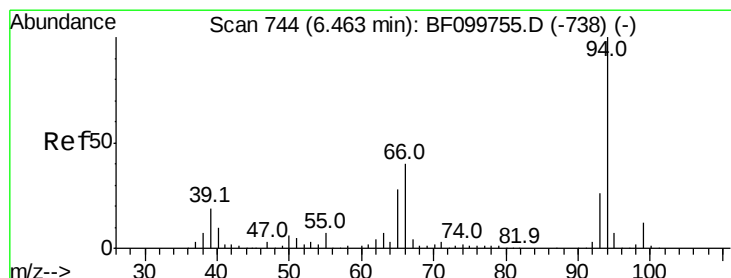
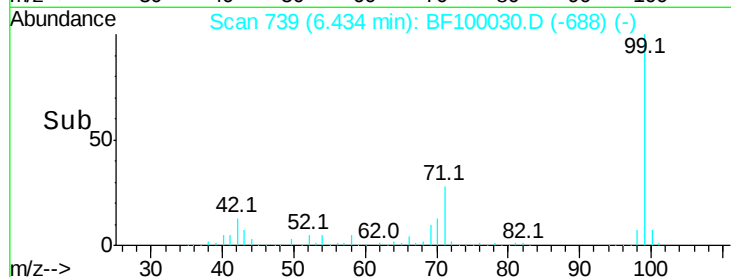
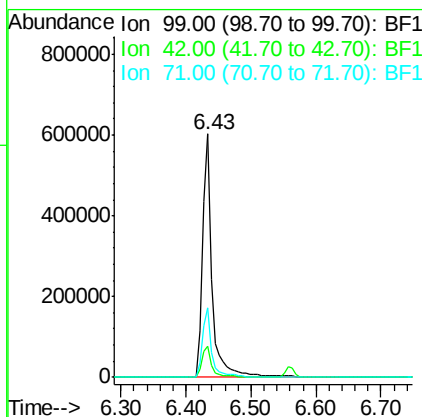
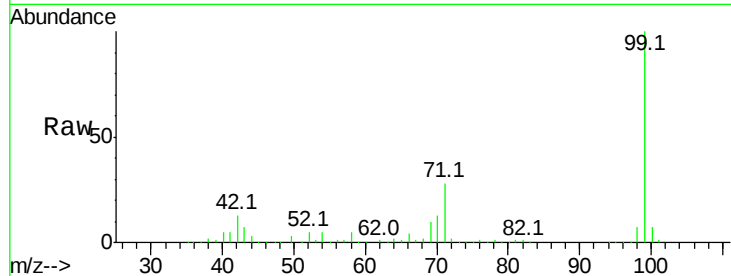
ClientSampleId :

CF-1B(1-2)

Tot Ion:	99	Resp:	616118
Ion Ratio	Lower	Upper	
99	100		
42	12.9	14.5	21.7#
71	28.3	25.4	38.0

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#10

Phenol

Concen: 4.795 ng

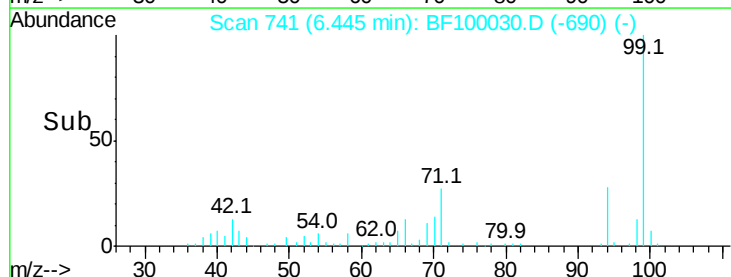
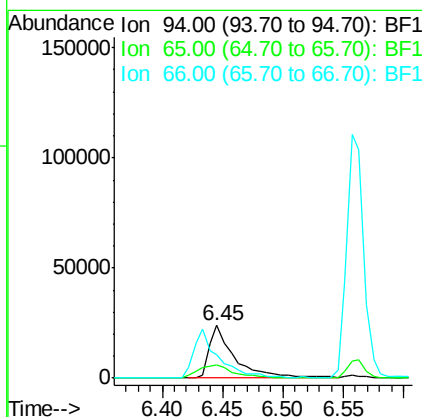
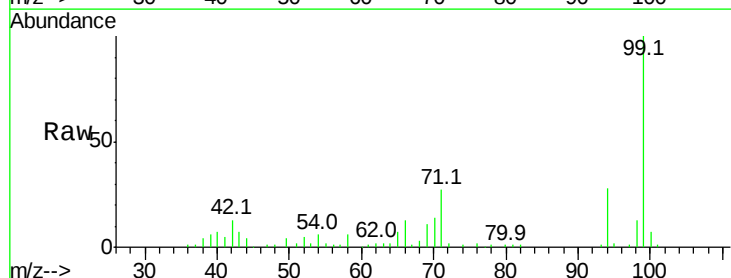
RT: 6.45 min Scan# 741

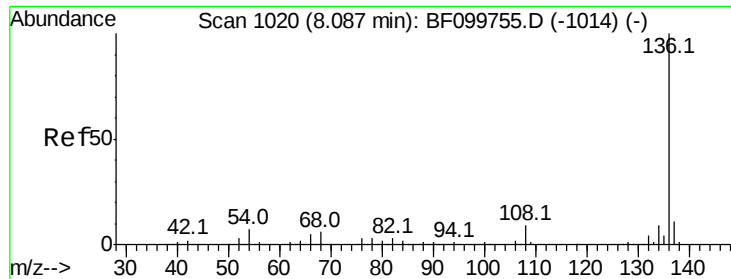
Delta R.T. 0.00 min

Lab File: BF100030.D

Acq: 1 Nov 2017 6:28

Tgt Ion:	94	Resp:	34772
Ion Ratio	Lower	Upper	
94	100		
65	25.3	7.9	47.9
66	44.6	16.2	56.2





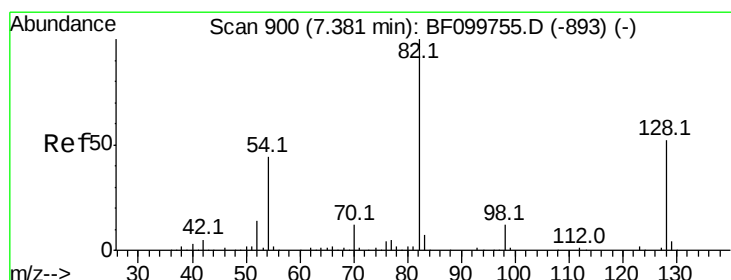
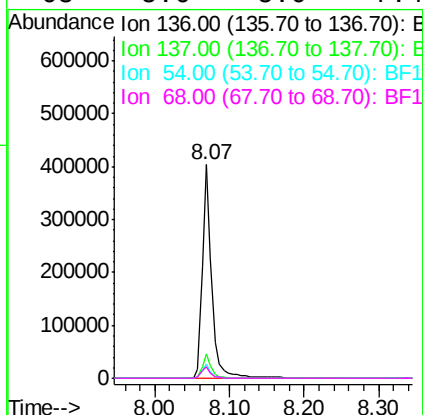
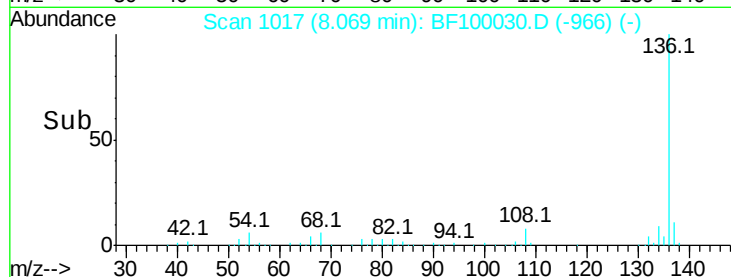
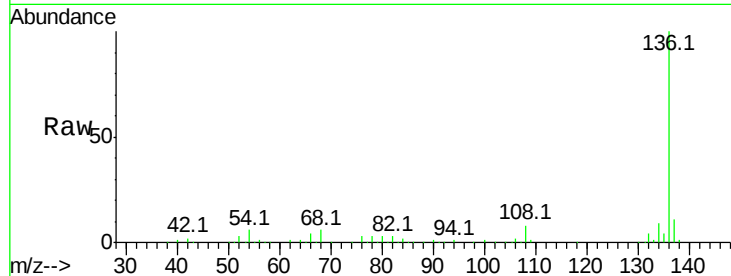
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8
68	5.6	5.0	7.4

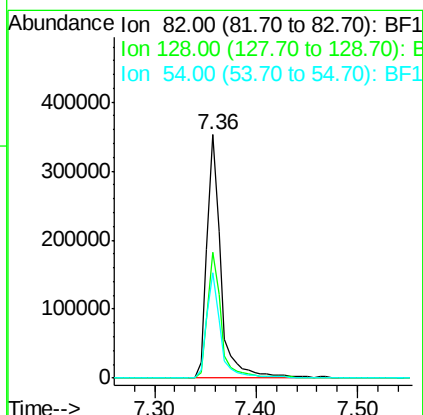
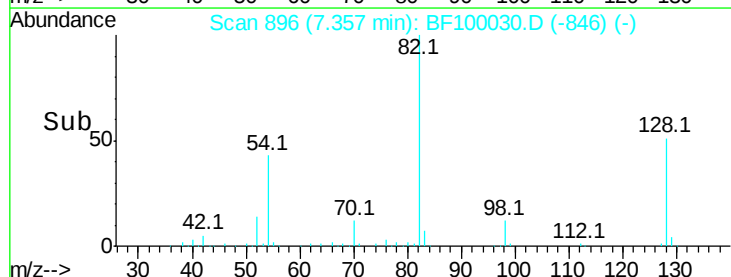
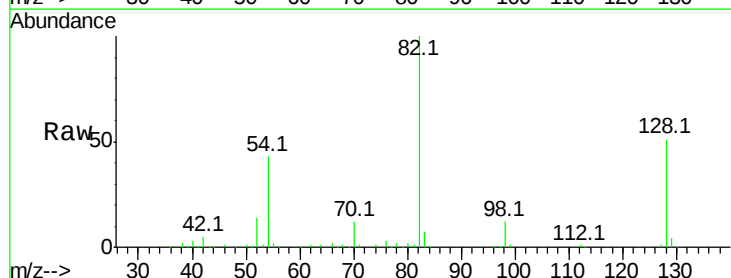
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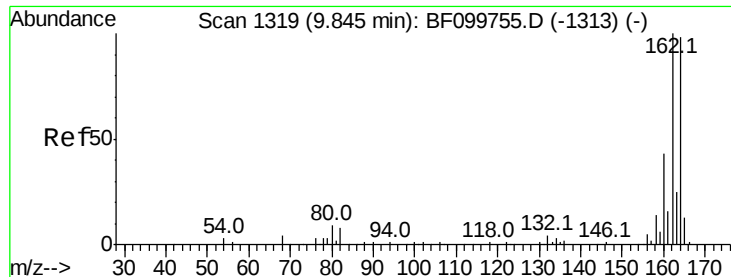
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#23
Nitrobenzene-d5
Concen: 59.964 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.3	41.4	62.2





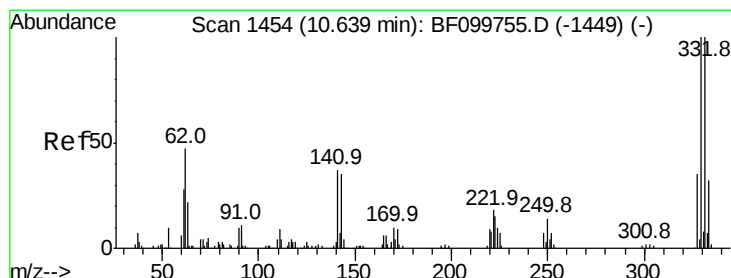
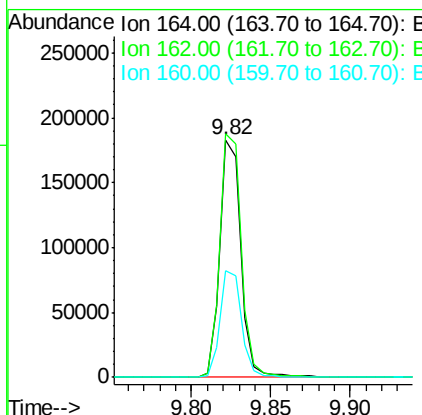
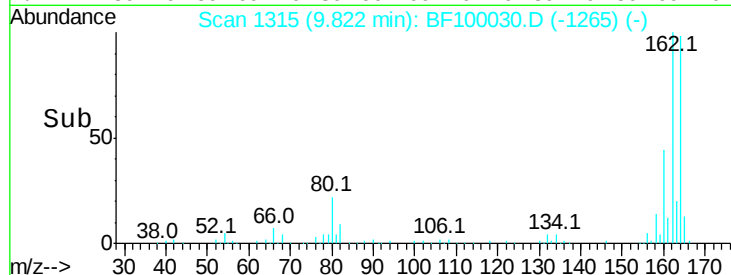
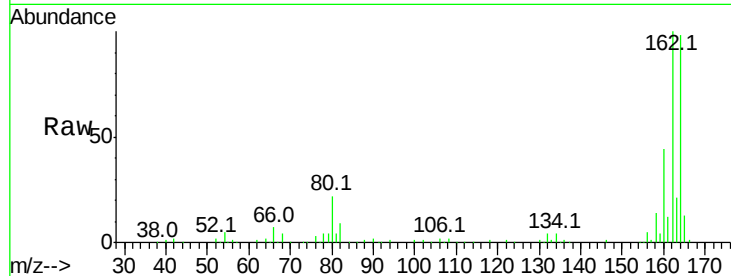
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	168361		
162	102.4	86.1	129.1	
160	44.7	38.3	57.5	

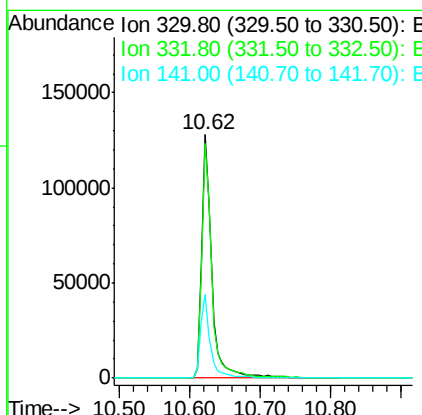
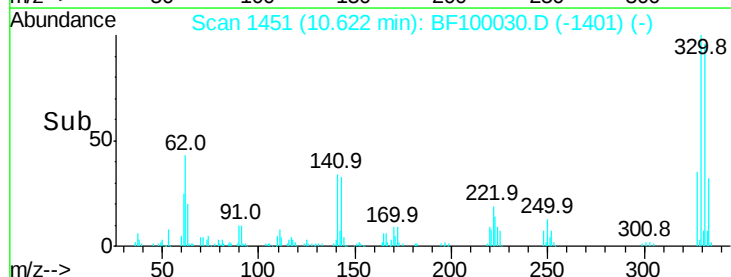
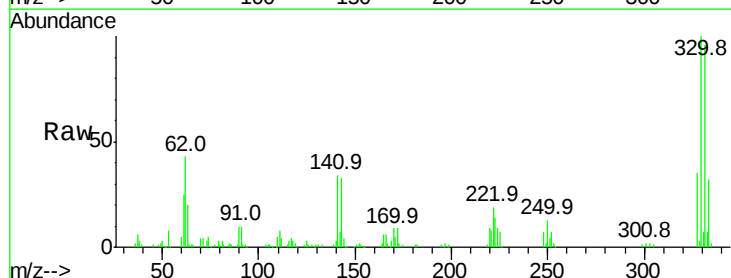
Manual Integrations
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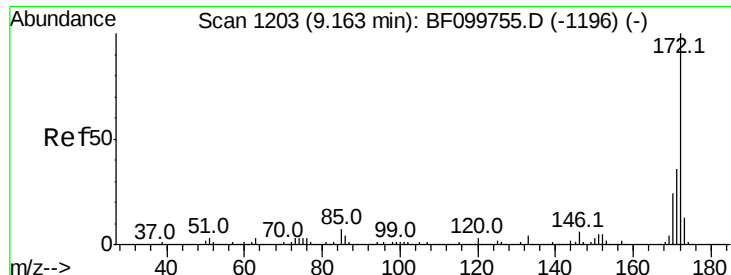
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#41
2,4,6-Tribromophenol
Concen: 84.901 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	130264		
332	96.6	77.0	115.6	
141	33.9	29.9	44.9	





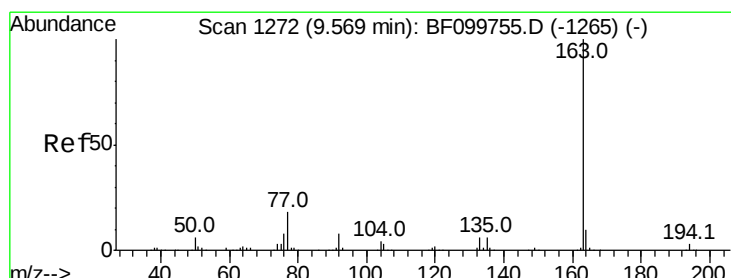
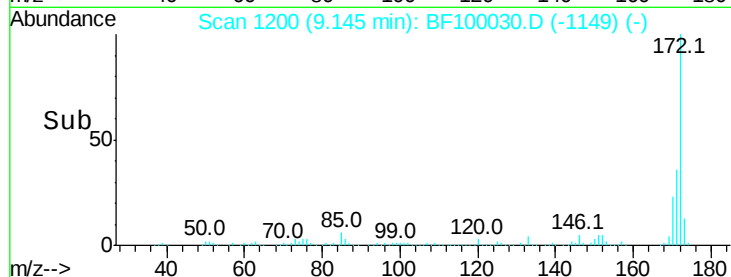
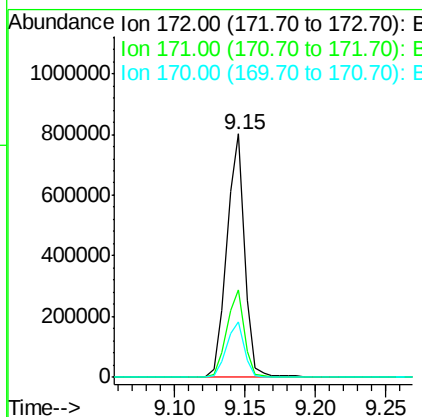
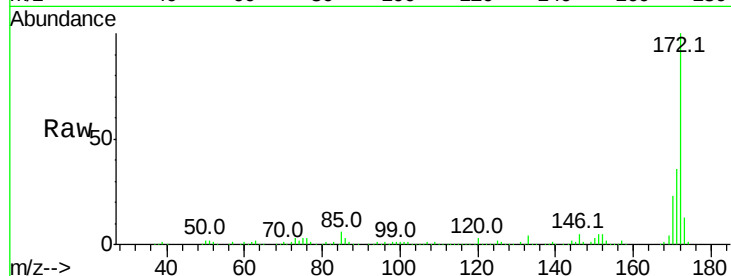
#44
 2-Fluorobiphenyl
 Concen: 64.518 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100030.D
 Acq: 1 Nov 2017 6:28

Instrument :
 BNA_F
 ClientSampled :
 CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.0	19.6	29.4

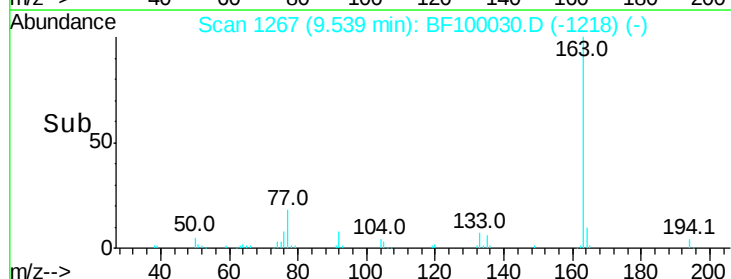
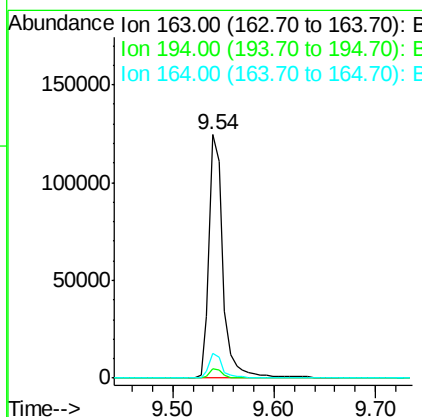
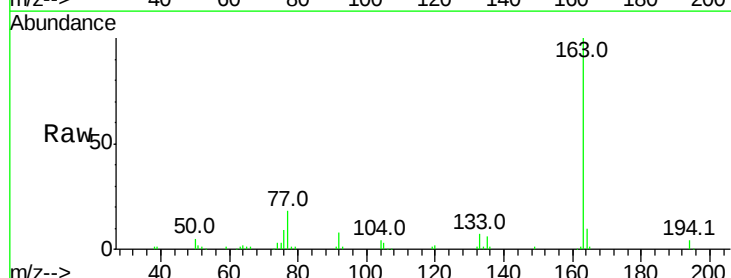
Manual Integrations
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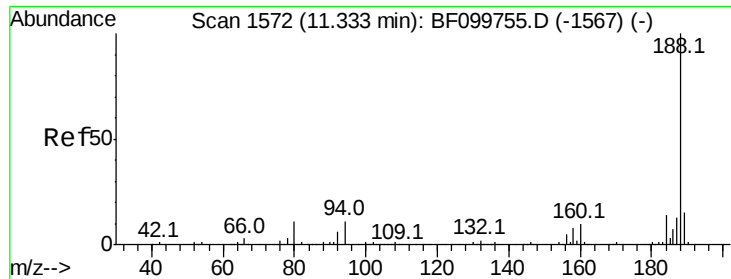
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#49
 Dimethylphthalate
 Concen: 8.979 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF100030.D
 Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2





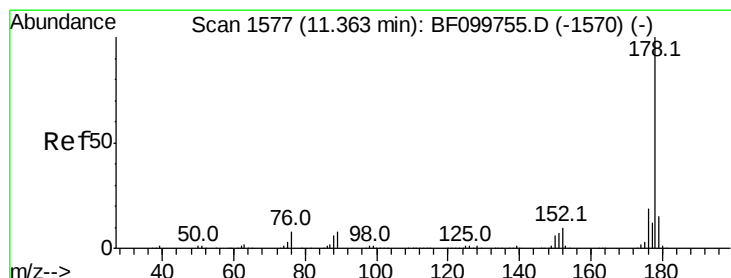
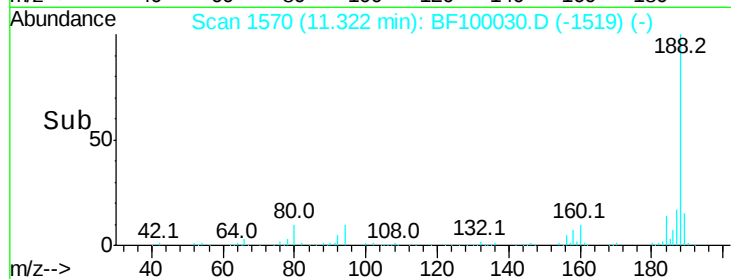
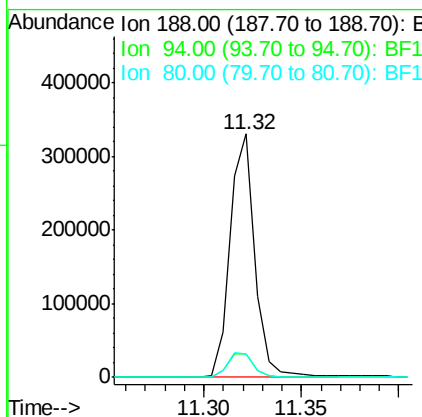
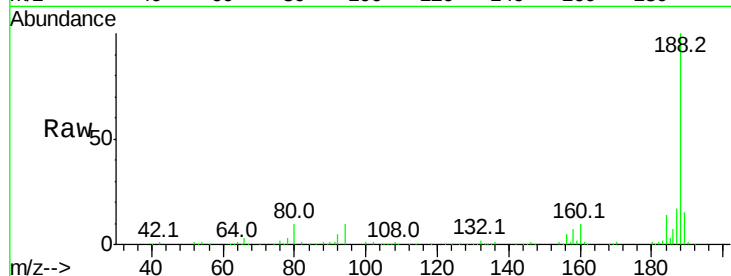
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.9	9.2	13.8

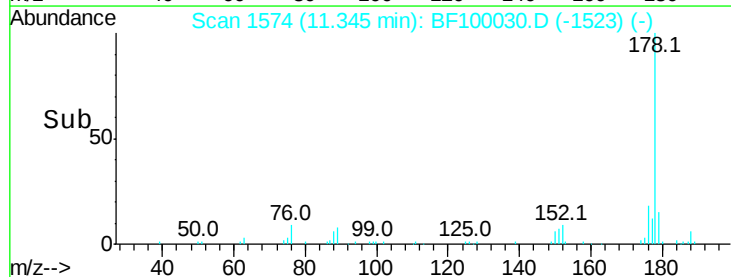
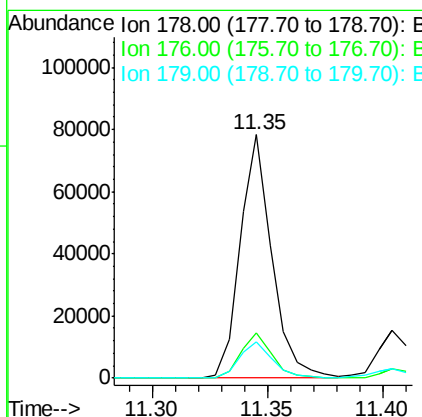
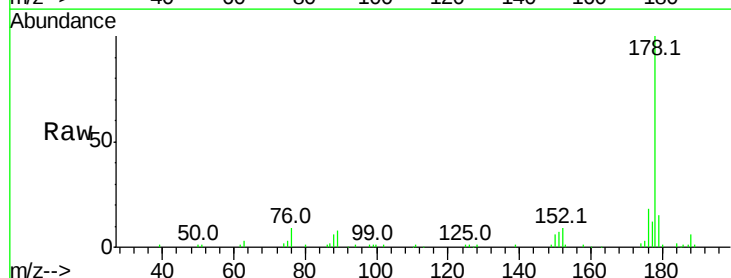
Manual Integrations
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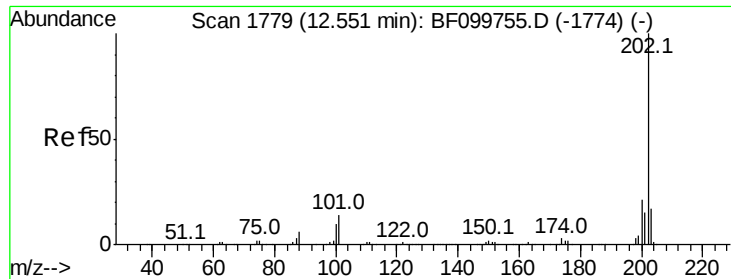
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#70
Phenanthrene
Concen: 4.574 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	13.0	19.6





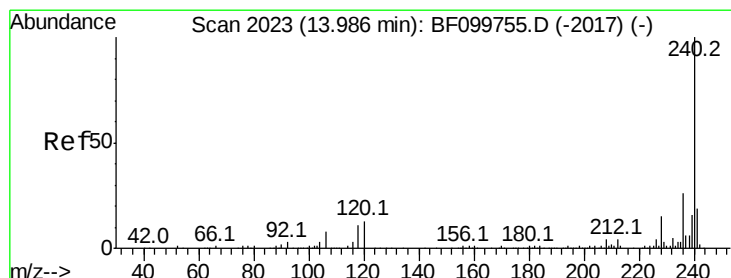
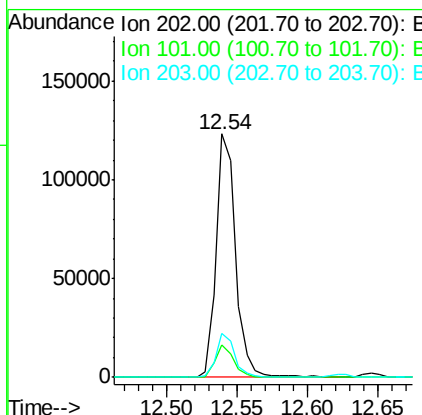
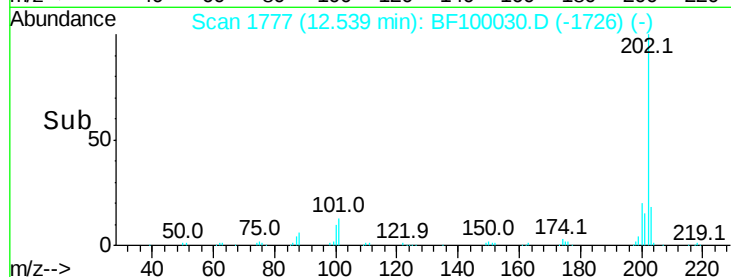
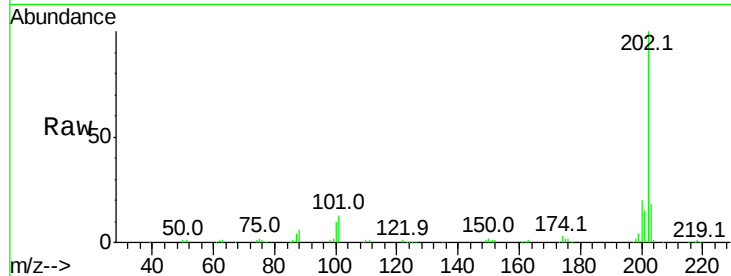
#74
 Fluoranthene
 Concen: 6.944 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF100030.D
 Acq: 1 Nov 2017 6:28

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.8	0.0	38.1

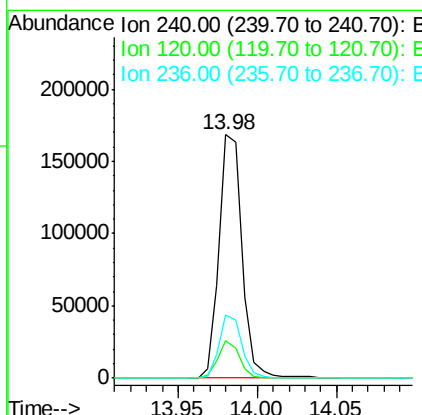
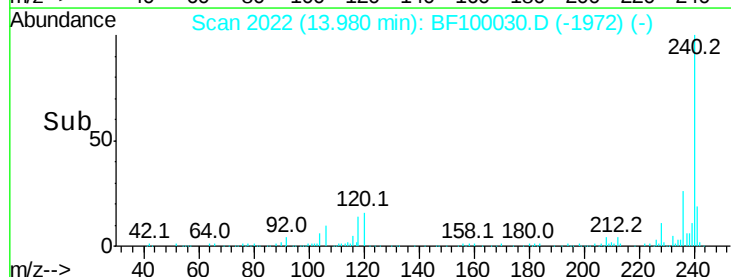
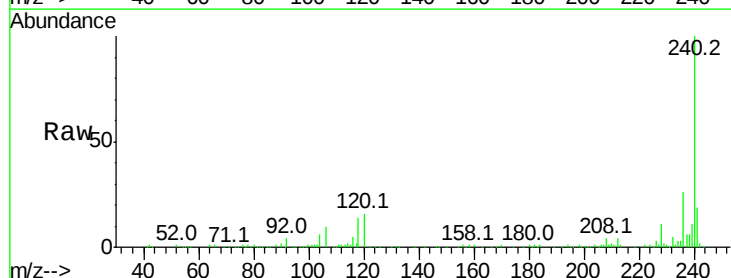
Manual Integrations
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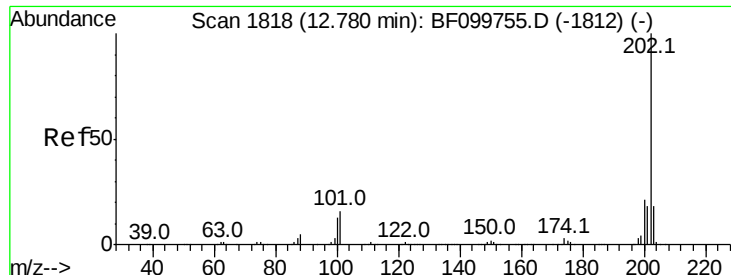
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100030.D
 Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.9	20.7	31.1





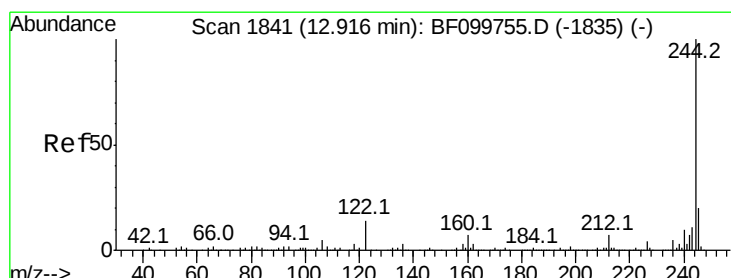
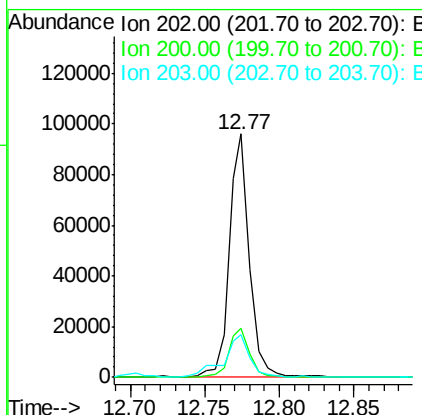
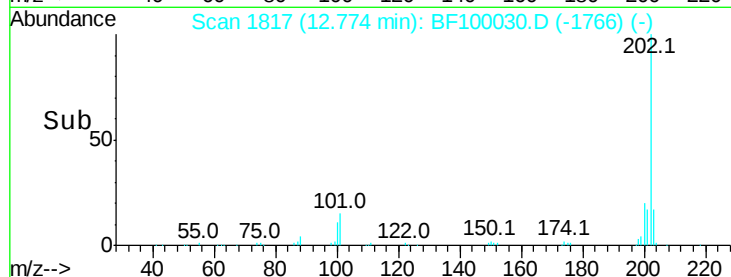
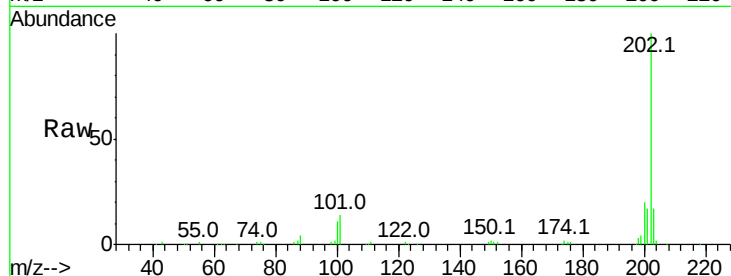
#77
Pvrene
Concen: 7.066 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.3	14.3	21.5

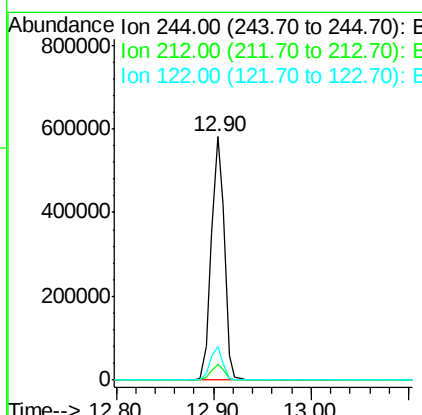
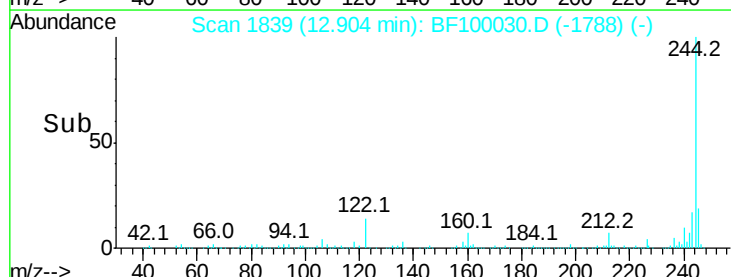
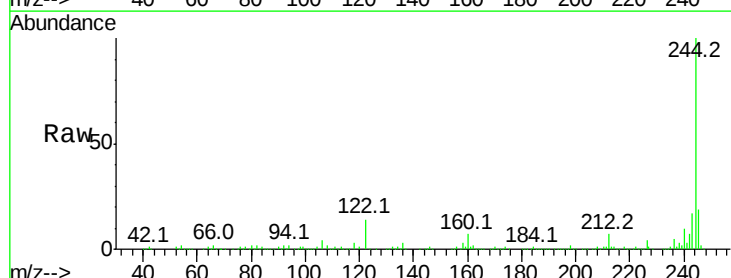
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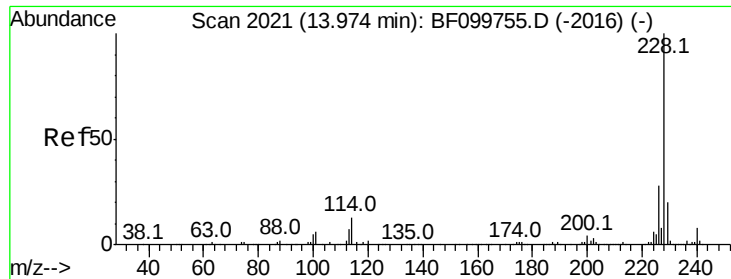
Sohil
11/1/2017 2:38:33 PM



#78
Terphenyl-d14
Concen: 68.942 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.1	11.0	16.4





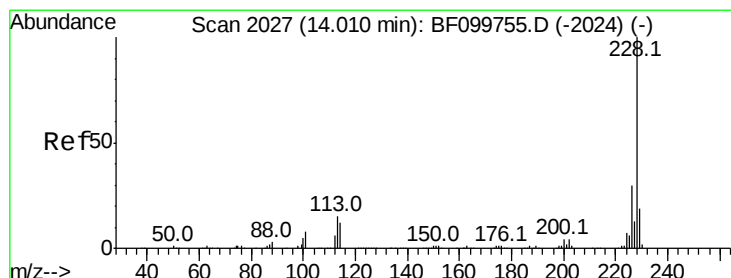
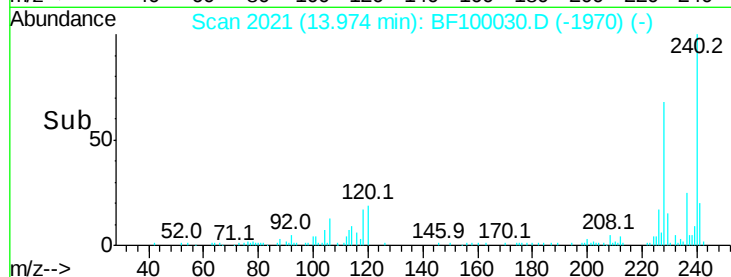
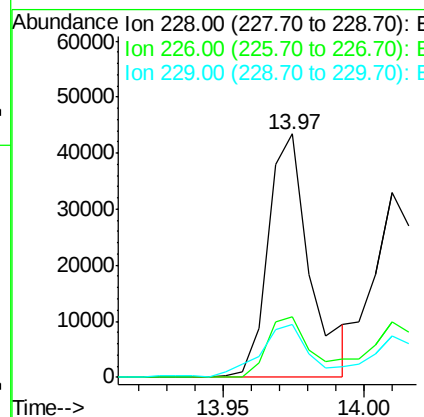
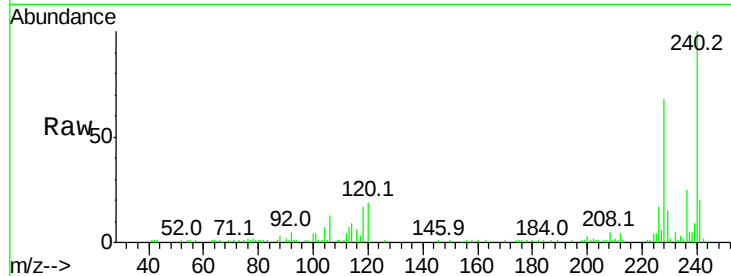
#80
Benzo(a)anthracene
Concen: 4.141 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampled :
CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.9	22.6	33.8
229	21.6	15.8	23.6

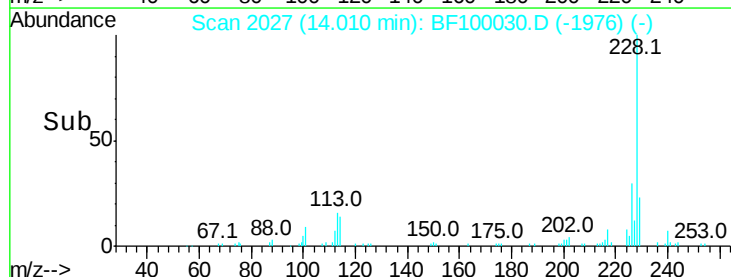
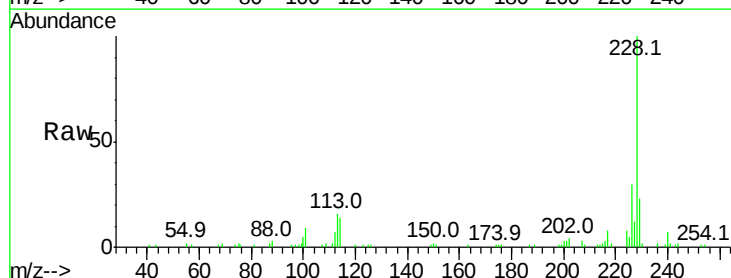
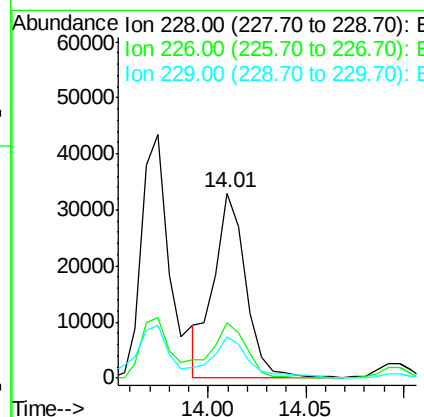
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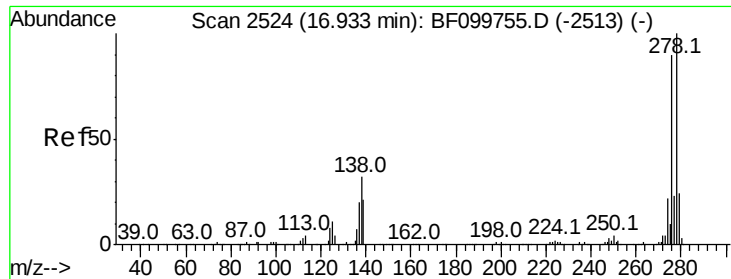
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#82
Chrysene
Concen: 3.743 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.7	16.2	24.4





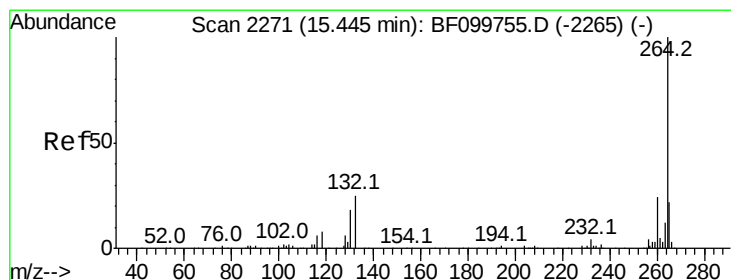
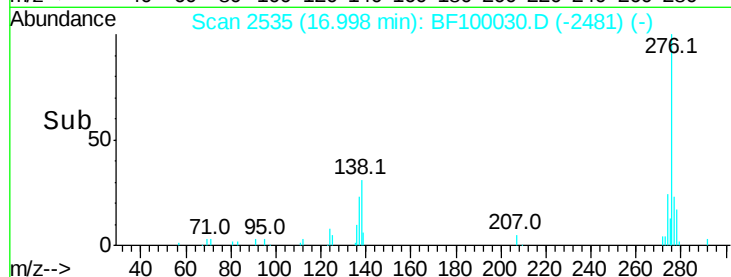
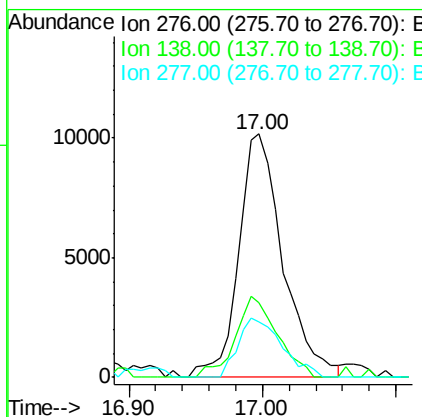
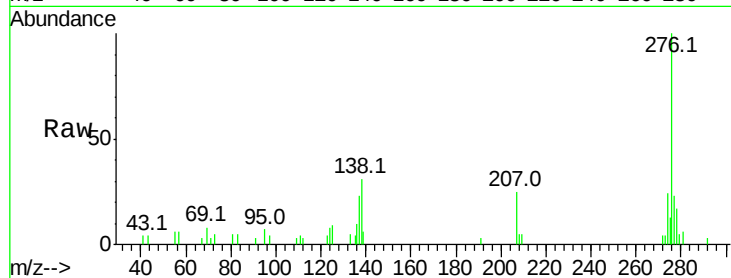
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.503 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampled :
CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	24.1	20.1	30.1

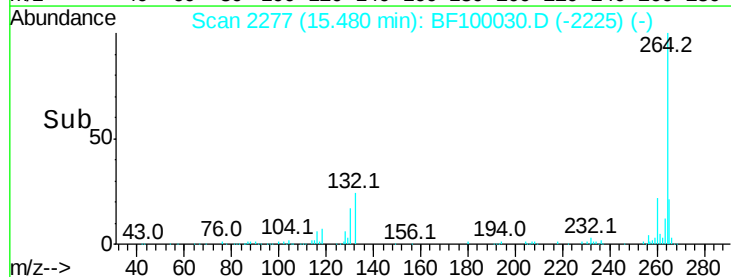
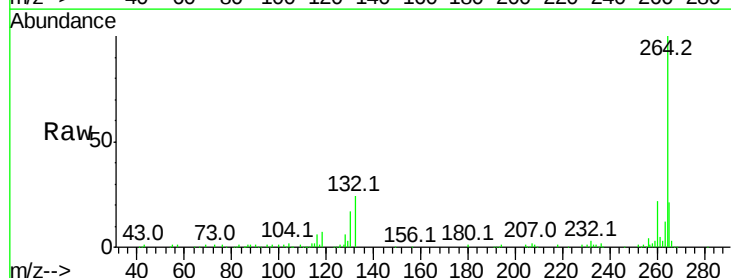
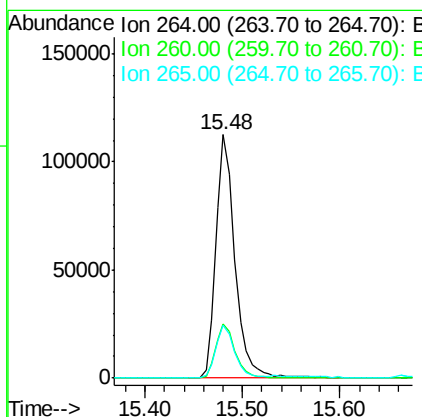
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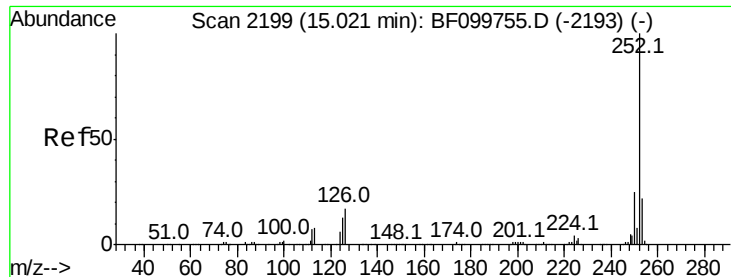
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.5	17.5	26.3





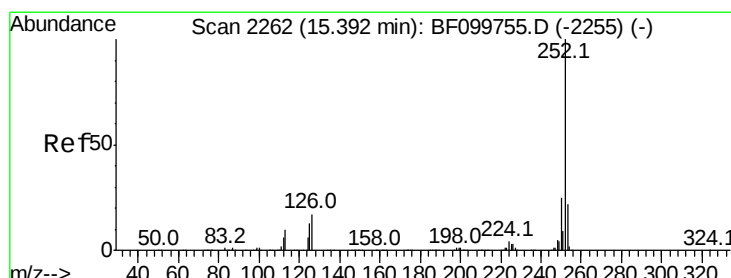
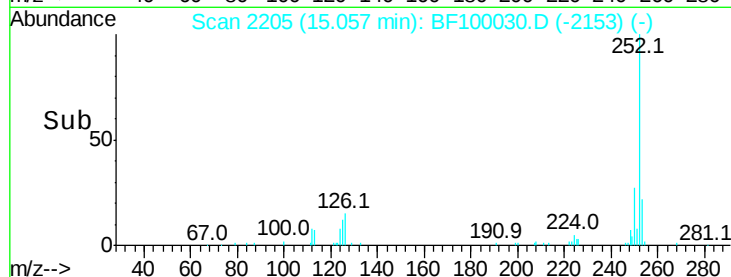
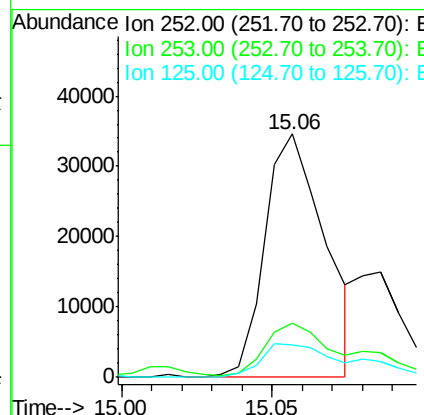
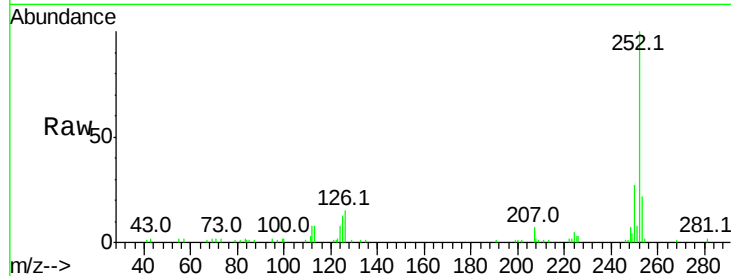
#87
Benzo(b)fluoranthene
Concen: 4.976 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.1	9.0	13.6

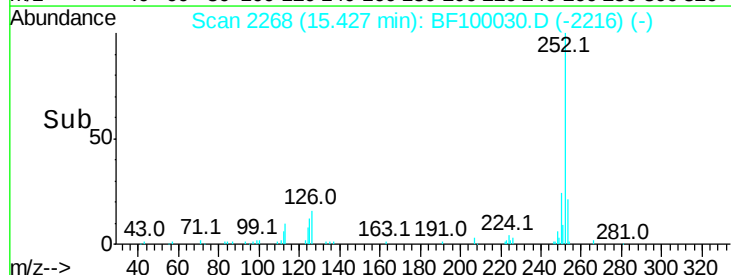
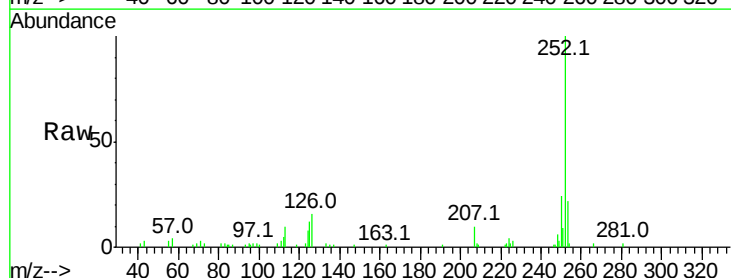
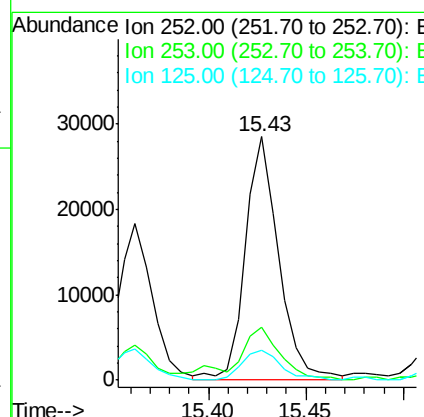
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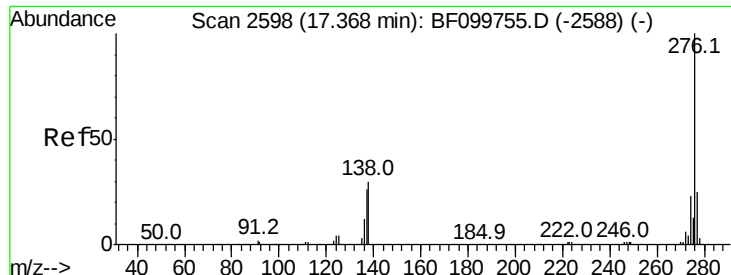
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#89
Benzo(a)pyrene
Concen: 3.941 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.004 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.04 min
 Lab File: BF100030.D
 Acq: 1 Nov 2017 6:28

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	28.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
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