

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100231.D
 Acq On : 5 Nov 2017 18:33
 Operator : SJ/JU
 Sample : I6174-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7(0-10)COMP

Manual Integrations
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 11/6/2017 2:33:33 PM

Quant Time: Nov 06 07:12:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91159	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	355260	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	139765	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	202414	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	184292	20.00	ng	-0.01
86) Perylene-d12	15.40	264	158822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	430593	74.16	ng	0.00
7) Phenol-d6	6.42	99	553896	80.45	ng	-0.01
23) Nitrobenzene-d5	7.33	82	299130	54.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	91176	71.58	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	607081	67.01	ng	-0.01
78) Terphenyl-d14	12.86	244	415625	49.29	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	24828	3.285	ng	Qvalue # 65
49) Dimethylphthalate	9.52	163	90841	8.207	ng	100
70) Phenanthrene	11.32	178	75789	6.635	ng	97
71) Anthracene	11.37	178	27044	2.332	ng	97
74) Fluoranthene	12.50	202	172937	14.568	ng	98
77) Pyrene	12.74	202	195933	13.982	ng	98
80) Benzo(a)anthracene	13.93	228	113866	9.746	ng	97
82) Chrysene	13.96	228	99201	9.032	ng	97
85) Indeno(1,2,3-cd)pyrene	16.88	276	41564	4.122	ng	94
87) Benzo(b)fluoranthene	14.98	252	117811m	11.747	ng	
88) Benzo(k)fluoranthene	15.00	252	36384m	3.847	ng	
89) Benzo(a)pyrene	15.34	252	83794	9.301	ng	97
91) Benzo(a,h,i)perylene	17.33	276	38910	4.968	ng	97

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

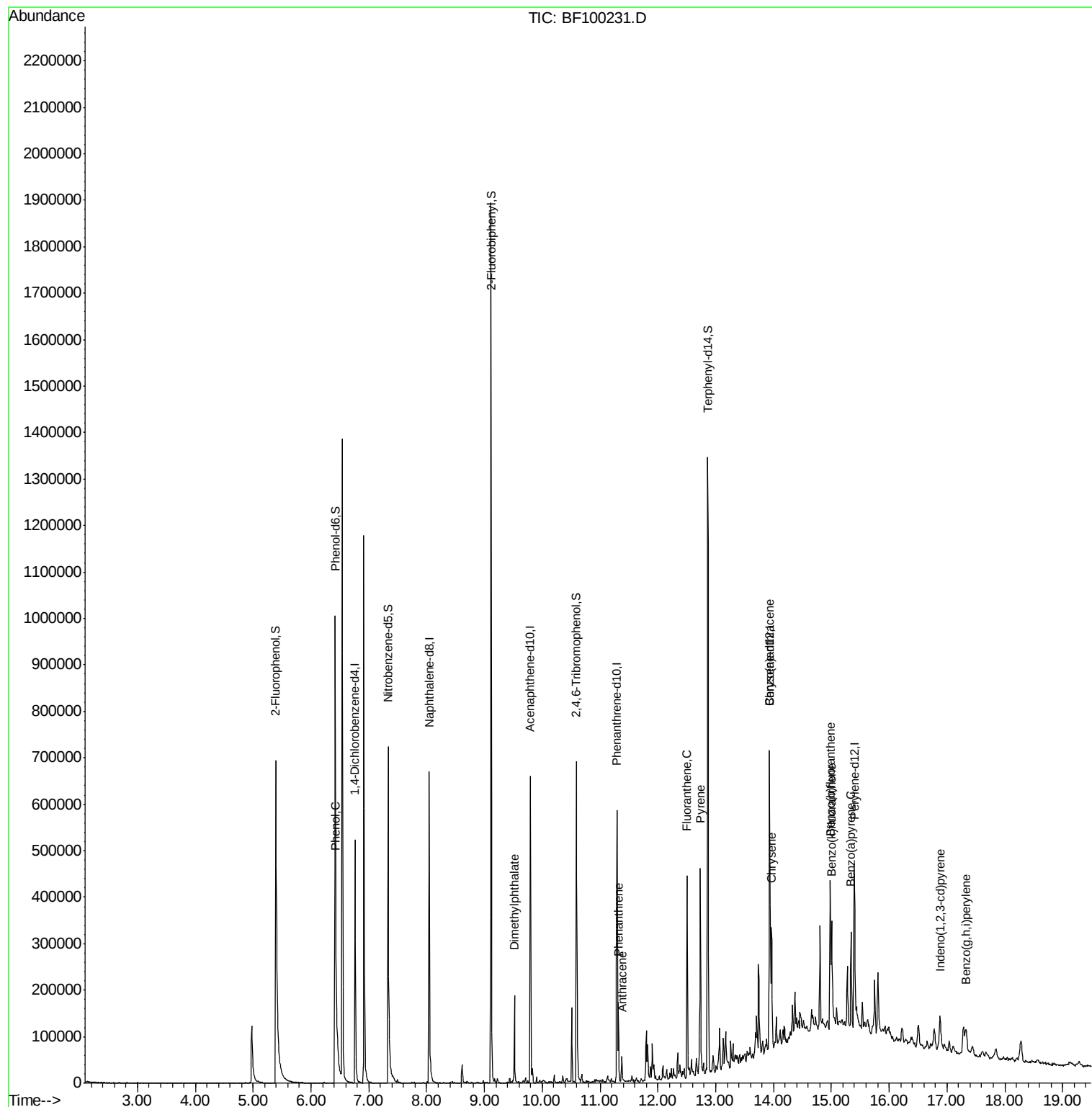
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Data File : BF100231.D
Acq On : 5 Nov 2017 18:33
Operator : SJ/JU
Sample : I6174-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

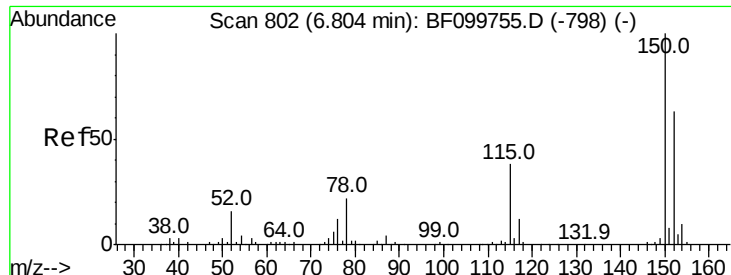
Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

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11/6/2017 2:33:33 PM

Quant Time: Nov 06 07:12:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

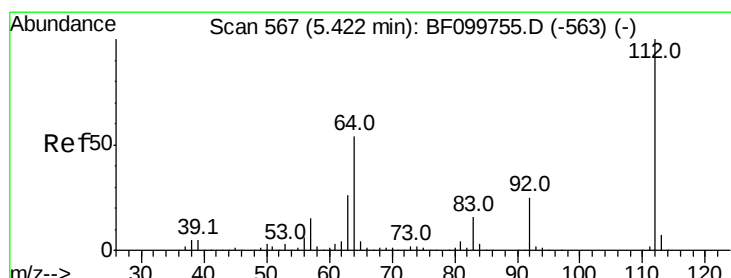
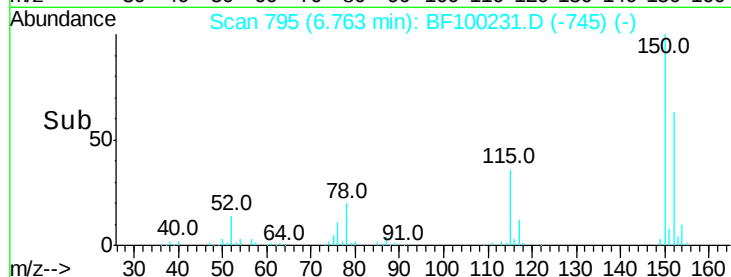
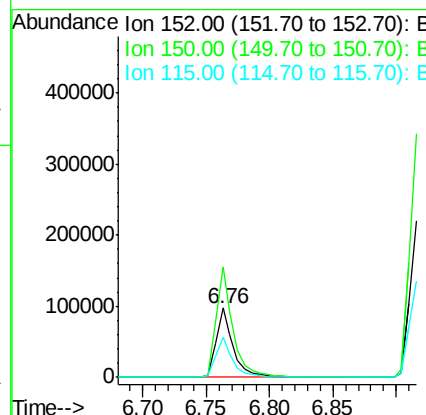
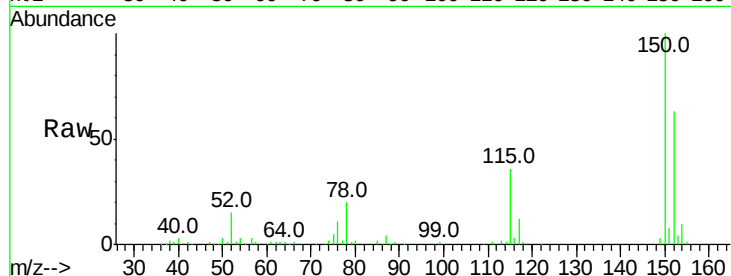
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	57.8	50.1	75.1

Manual Integrations
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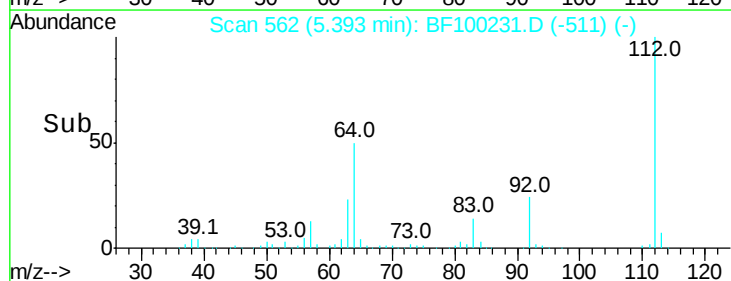
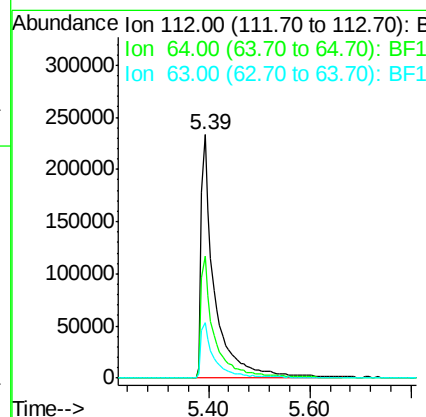
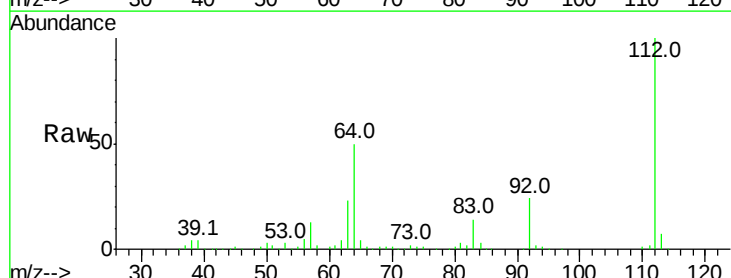
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#5

2-Fluorophenol
Concen: 74.158 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	22.7	23.7	35.5





#7

Phenol-d6

Concen: 80.452 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100231.D

Acq: 5 Nov 2017 18:33

Instrument :

BNA_F

ClientSampleId :

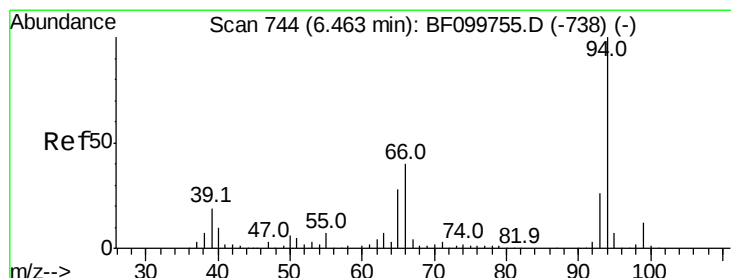
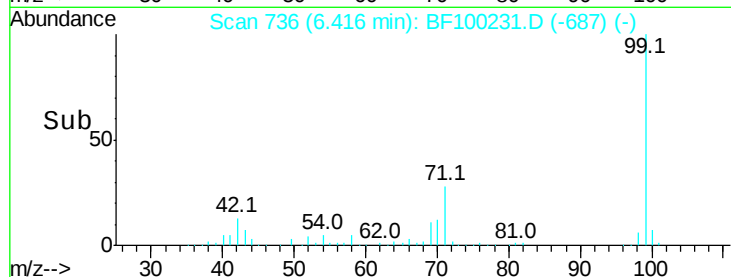
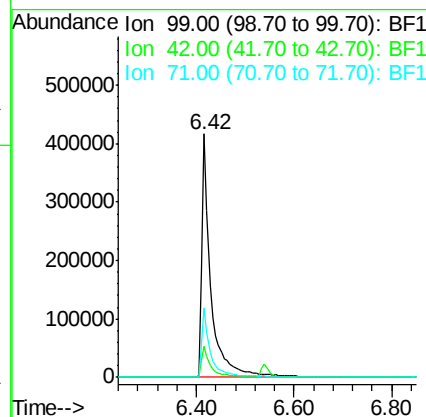
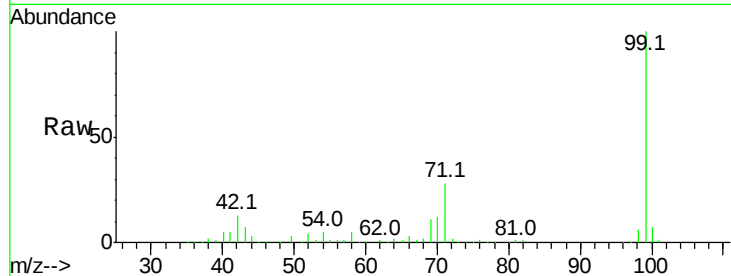
B7(0-10)COMP

Tot Ion: 99 Resp: 553896

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: 3.285 ng

RT: 6.43 min Scan# 739

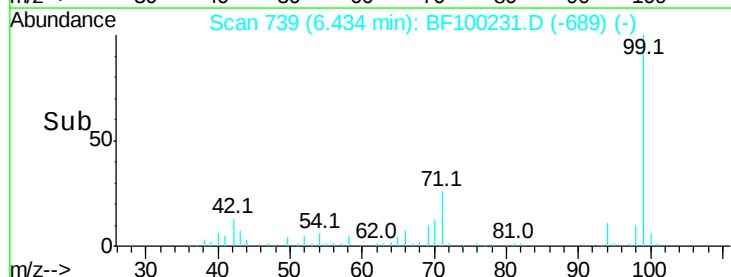
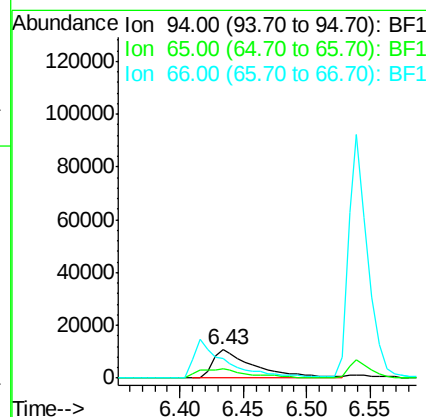
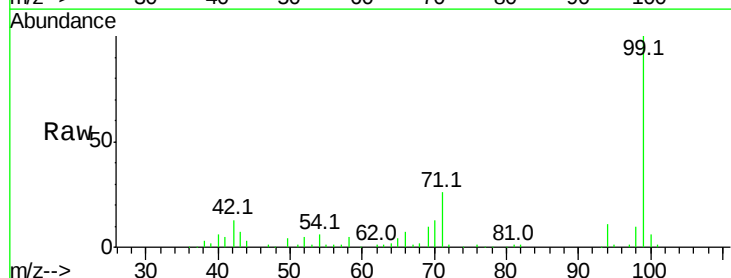
Delta R.T. -0.01 min

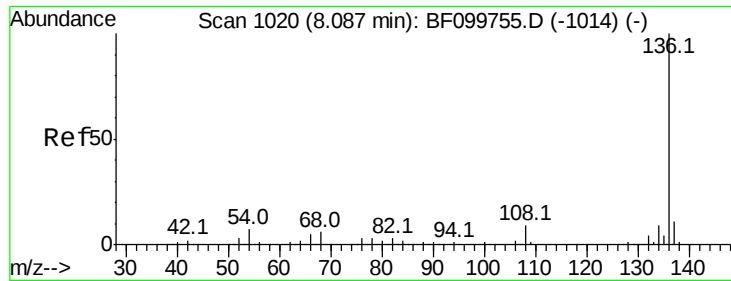
Lab File: BF100231.D

Acq: 5 Nov 2017 18:33

Tgt Ion: 94 Resp: 24828

Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	68.3	16.2	56.2#





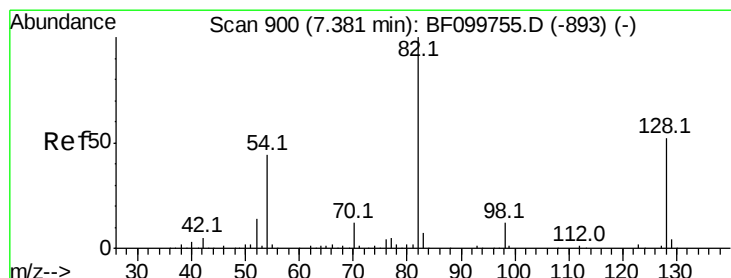
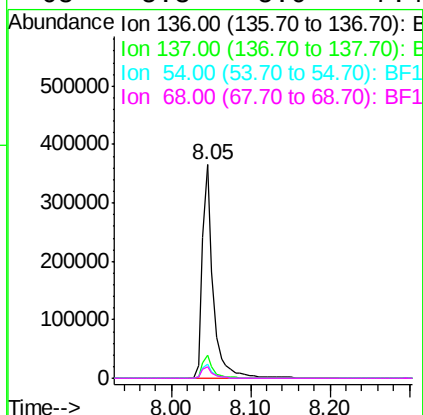
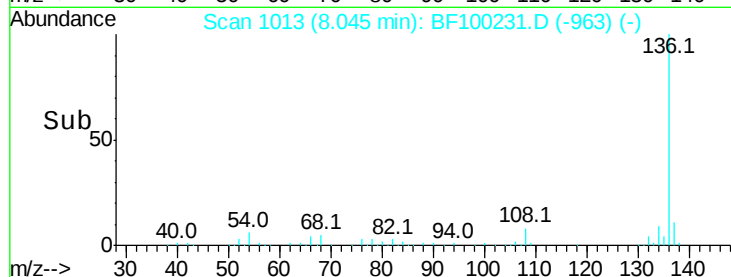
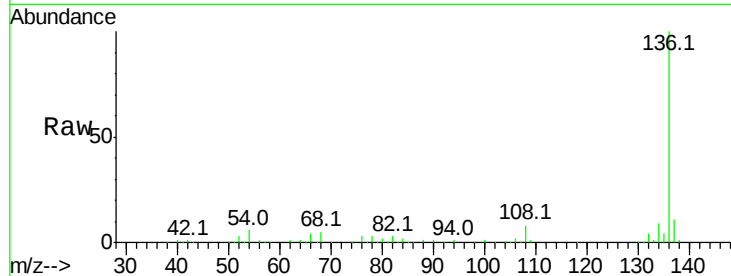
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.3	6.6	9.8	
68	5.3	5.0	7.4	

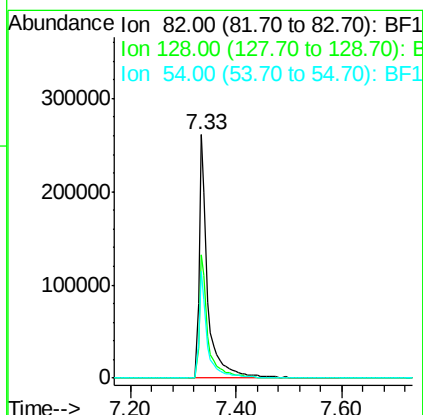
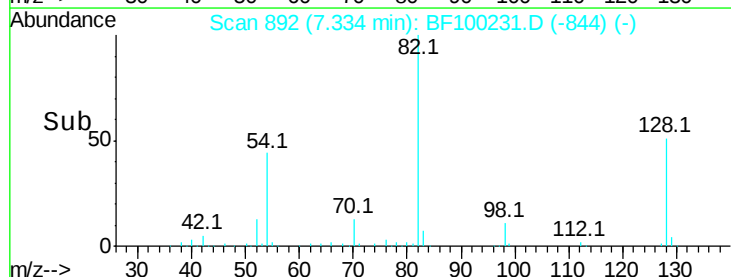
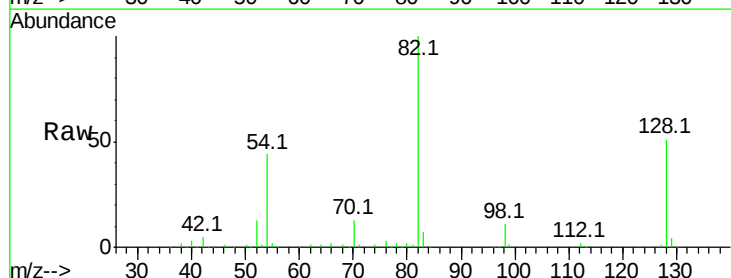
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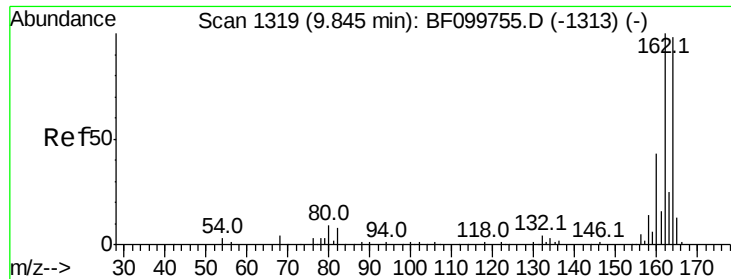
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#23
Nitrobenzene-d5
Concen: 54.209 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.7	36.1	54.1	
54	44.0	41.4	62.2	





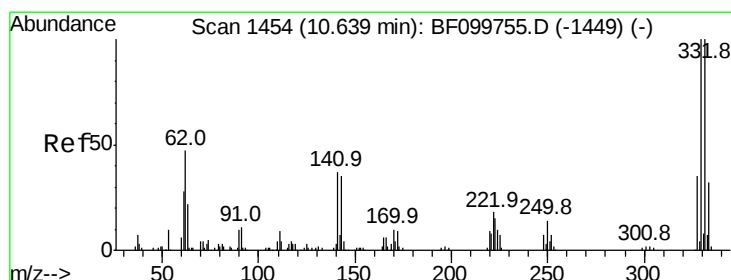
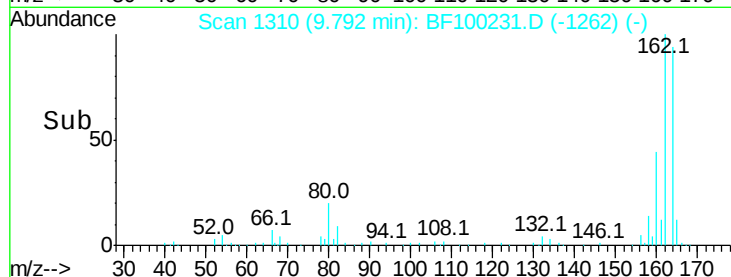
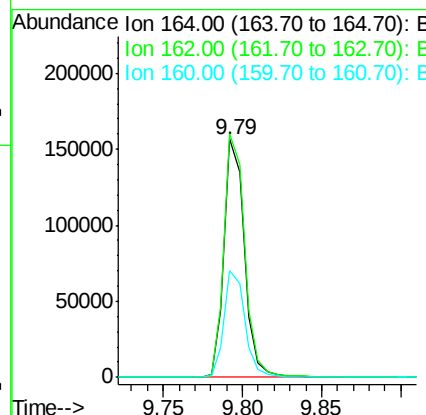
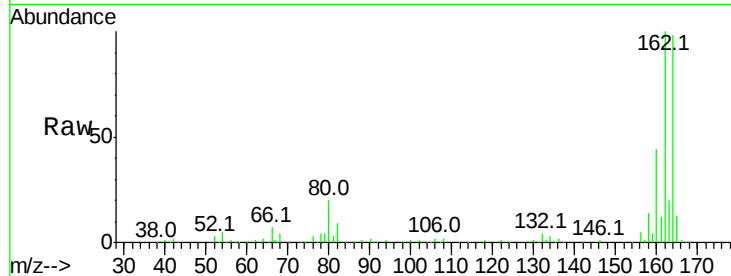
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.6	38.3	57.5

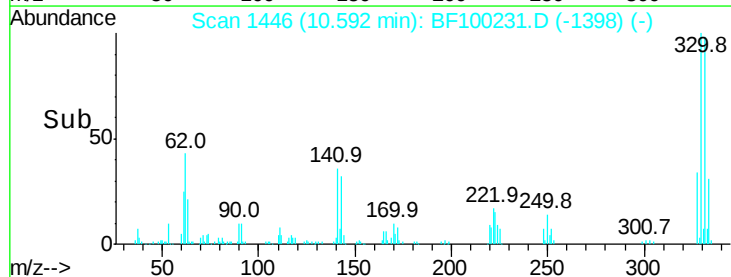
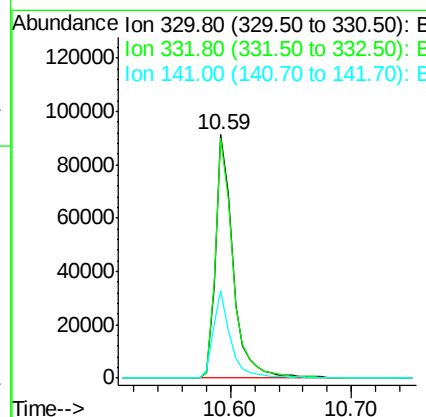
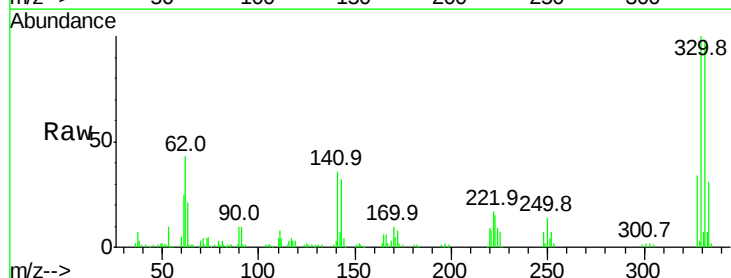
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#41
2,4,6-Tribromophenol
Concen: 71.583 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	35.6	29.9	44.9





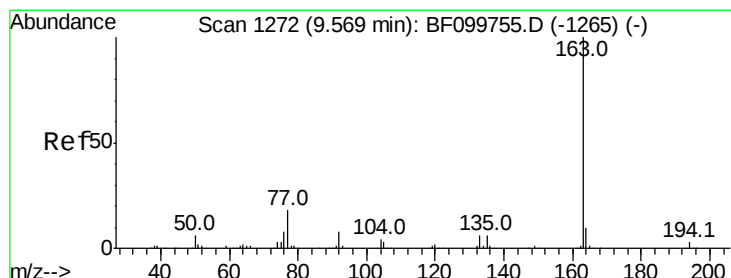
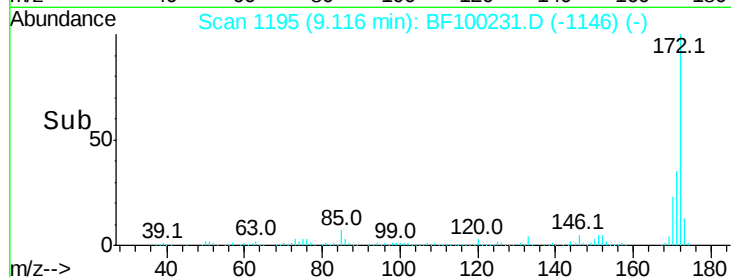
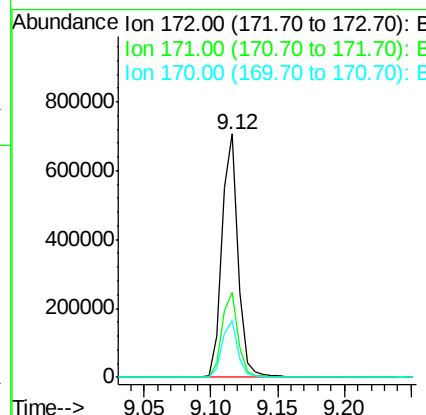
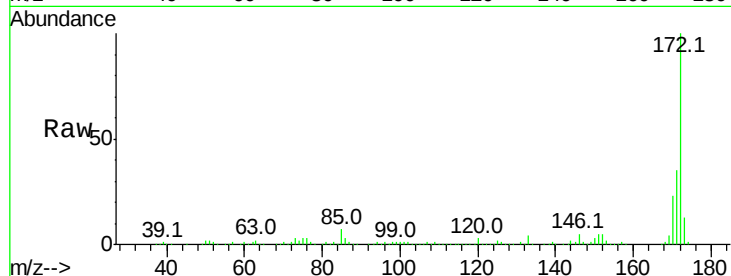
#44
2-Fluorobiphenyl
Concen: 67.015 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	607081		
171	35.1		29.7	44.5
170	23.2		19.6	29.4

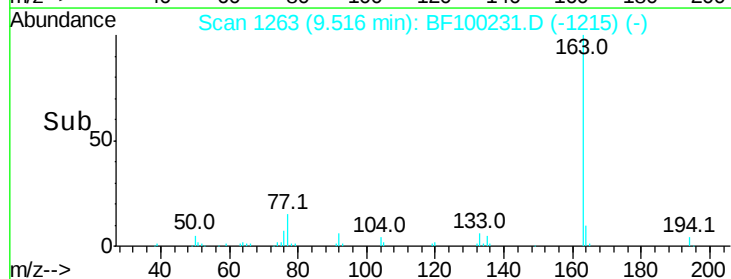
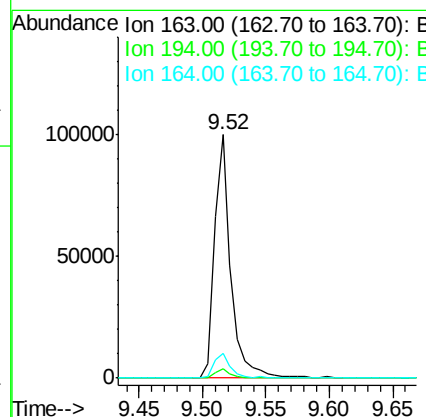
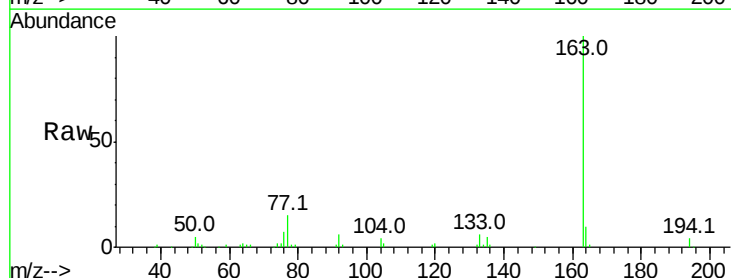
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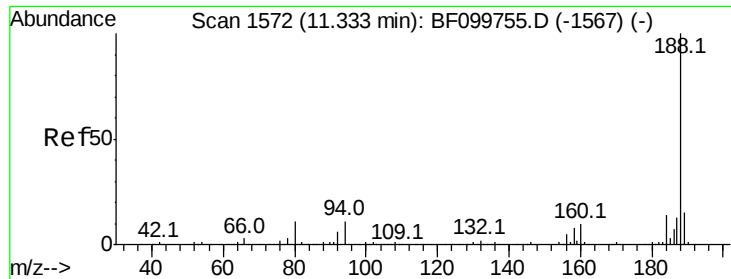
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#49
Dimethylphthalate
Concen: 8.207 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	90841		
194	3.8		2.7	4.1
164	10.2		8.2	12.2





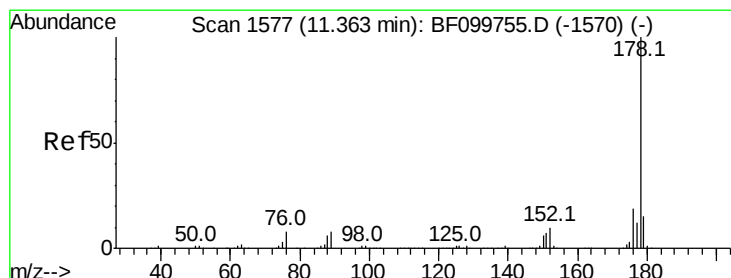
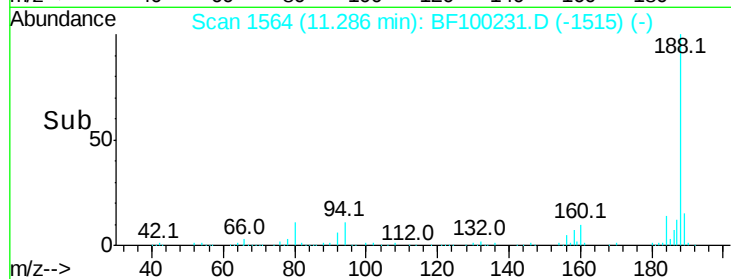
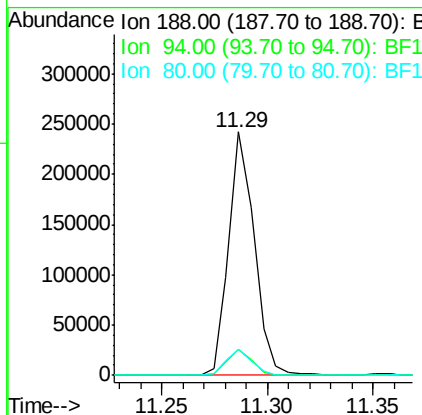
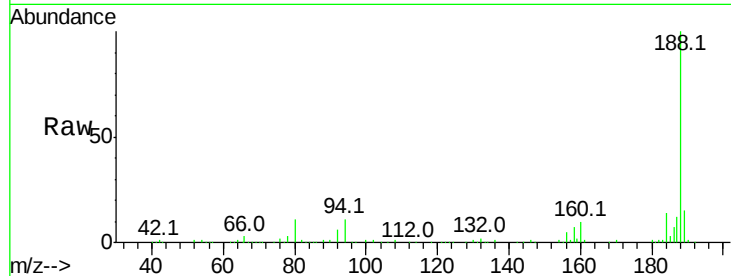
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	202414		
94	10.8		8.5	12.7
80	10.5		9.2	13.8

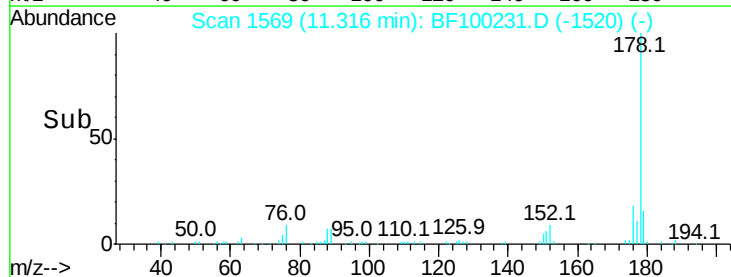
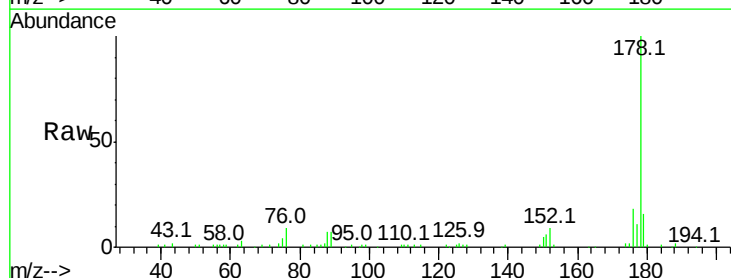
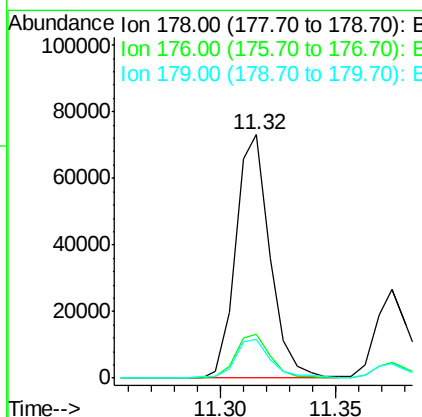
Manual Integrations
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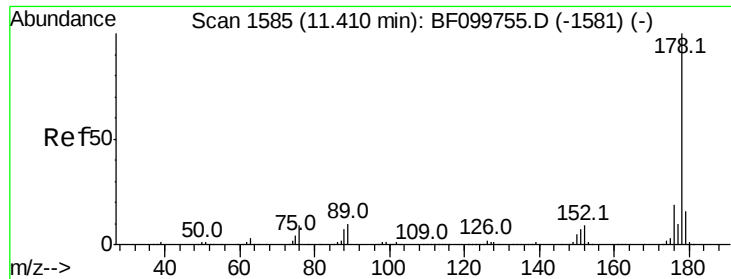
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#70
Phenanthrene
Concen: 6.635 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	75789		
176	17.9		15.8	23.8
179	15.9		13.0	19.6





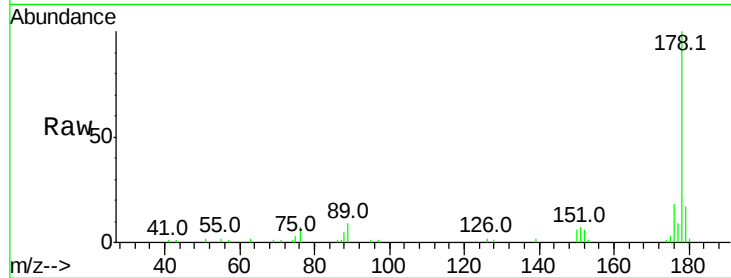
#71
 Anthracene
 Concen: 2.332 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF100231.D
 Acq: 5 Nov 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.7	12.6	19.0

Manual Integrations
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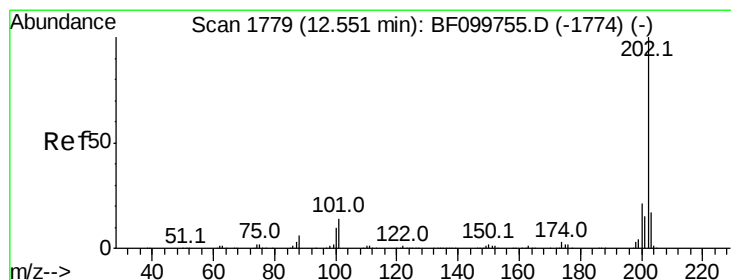
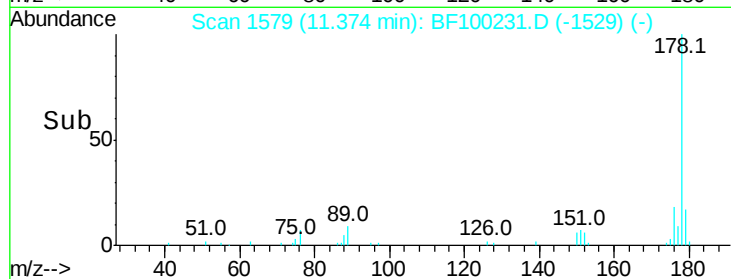
Abundance

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

Time-->



#74
 Fluoranthene
 Concen: 14.568 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF100231.D
 Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	16.9	0.0	38.1

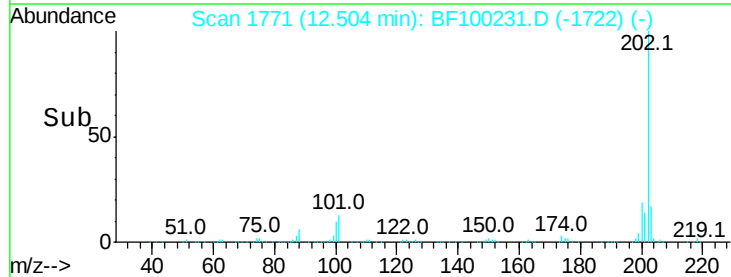
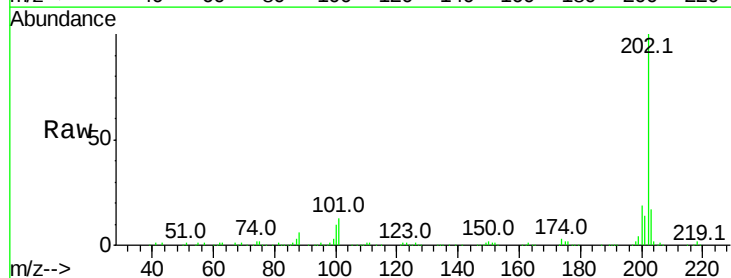
Abundance

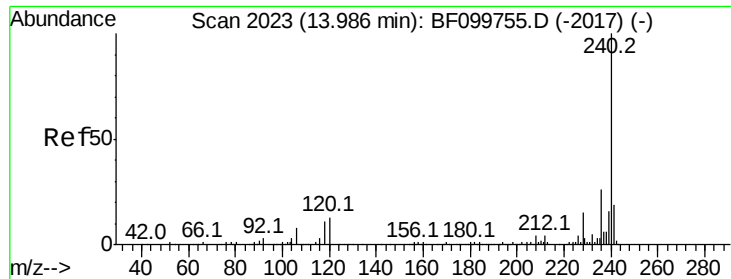
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100231.D

Acq: 5 Nov 2017 18:33

Instrument :

BNA_F

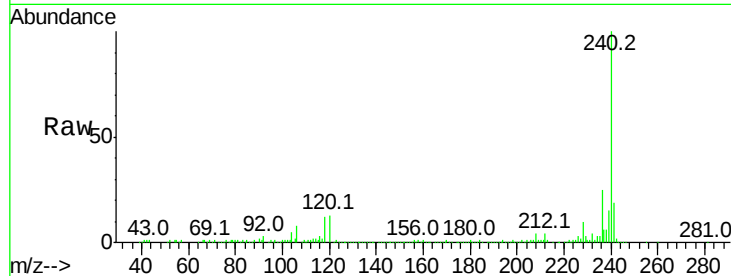
ClientSampleId :

B7(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.7	9.5	14.3	
236	24.9	20.7	31.1	

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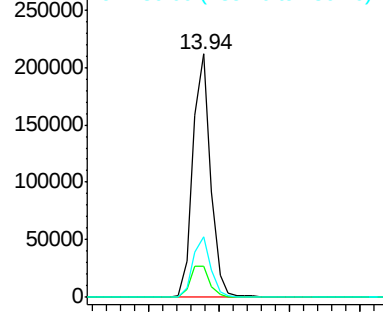
Sohil
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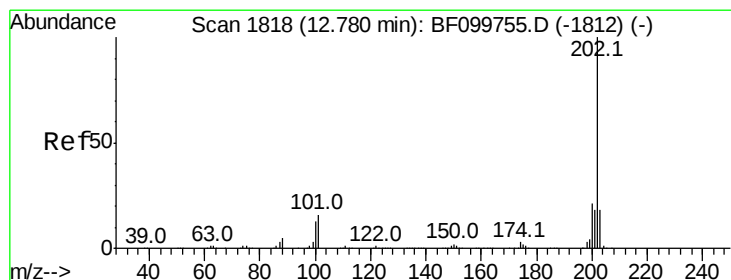
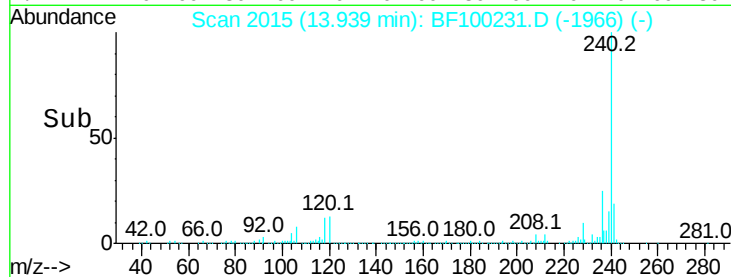
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 13.982 ng

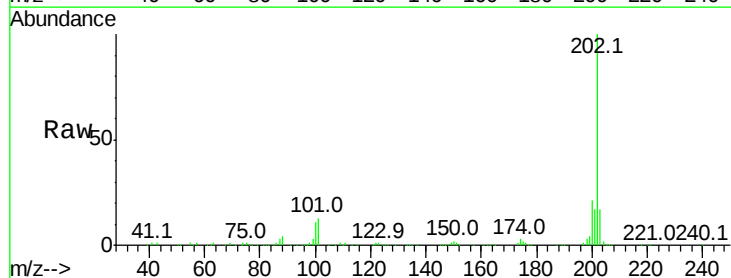
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF100231.D

Acq: 5 Nov 2017 18:33

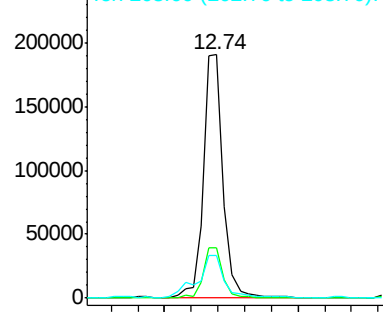
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.8	17.4	26.2	
203	17.5	14.3	21.5	



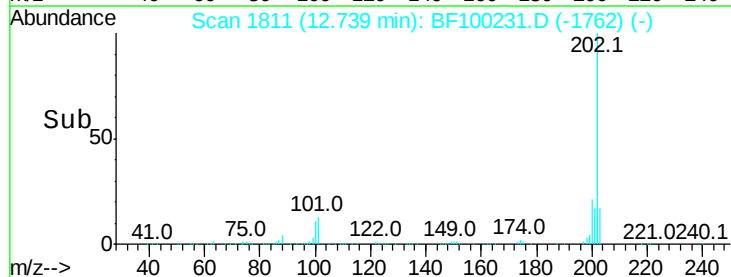
Abundance Ion 202.00 (201.70 to 202.70): E

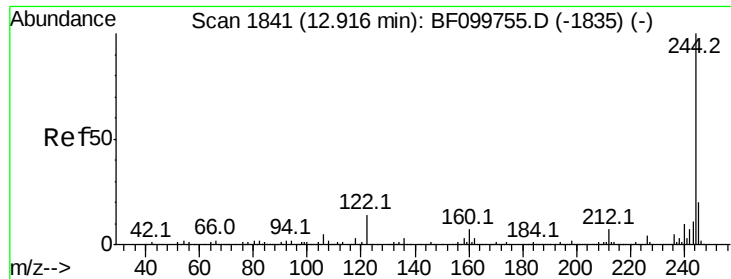
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





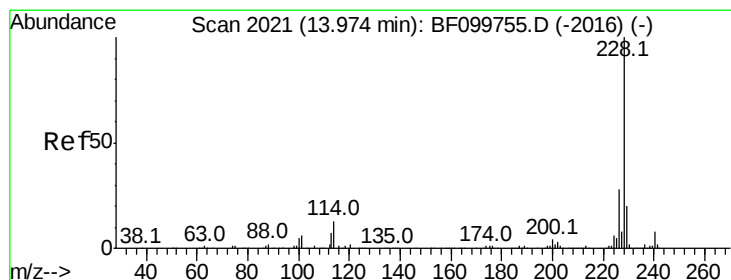
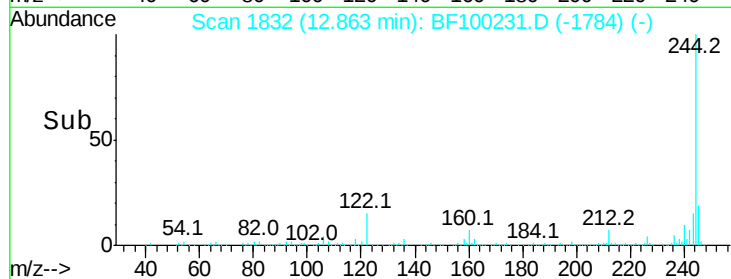
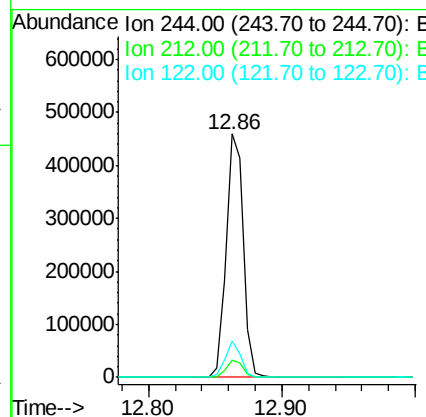
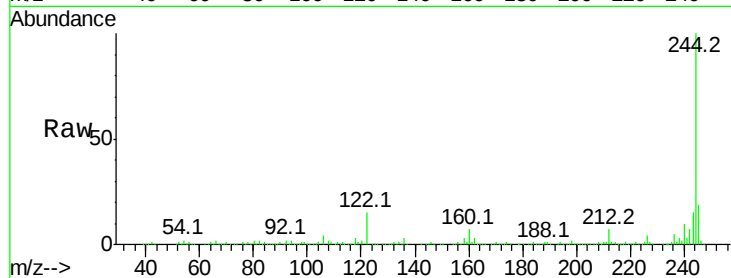
#78
 Terphenyl-d14
 Concen: 49.286 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF100231.D
 Acq: 5 Nov 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.9	11.0	16.4

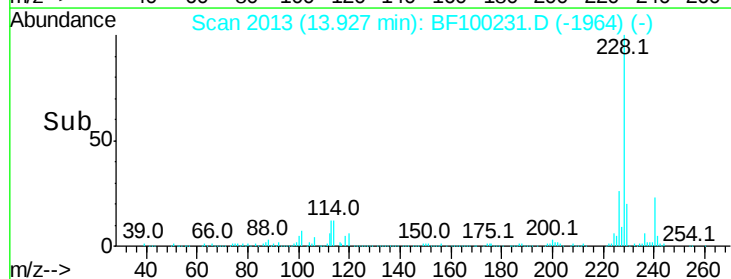
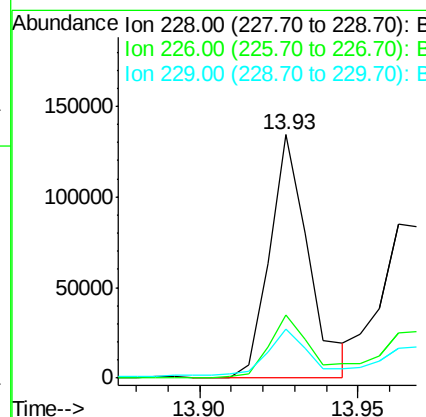
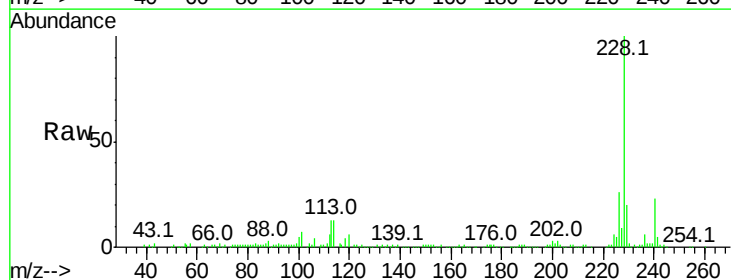
Manual Integrations
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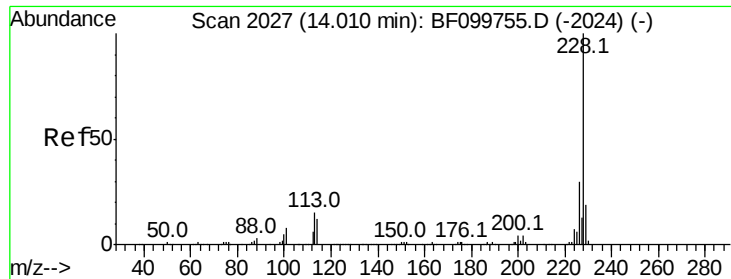
Sohil
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#80
 Benzo(a)anthracene
 Concen: 9.746 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF100231.D
 Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	20.4	15.8	23.6





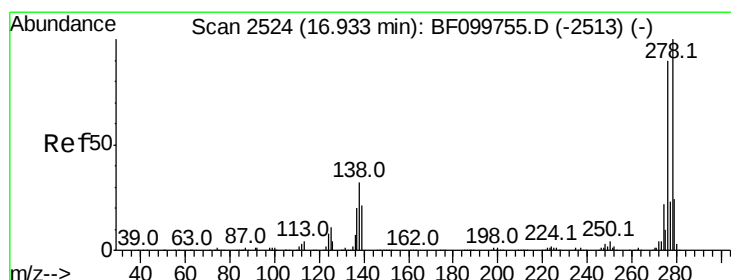
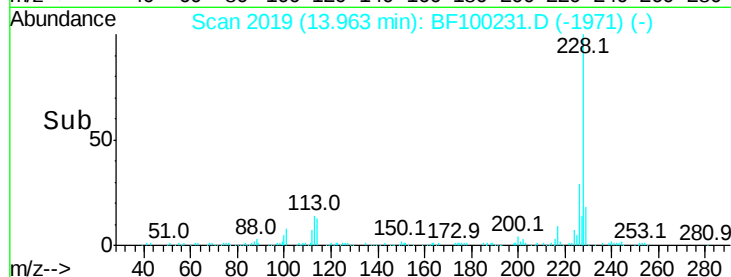
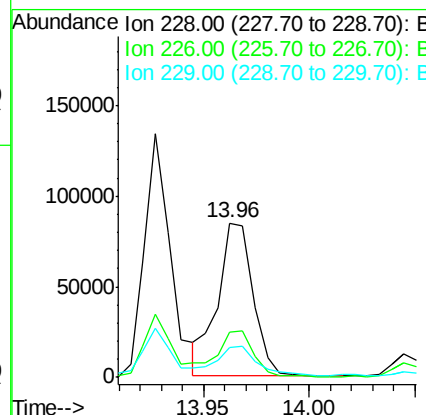
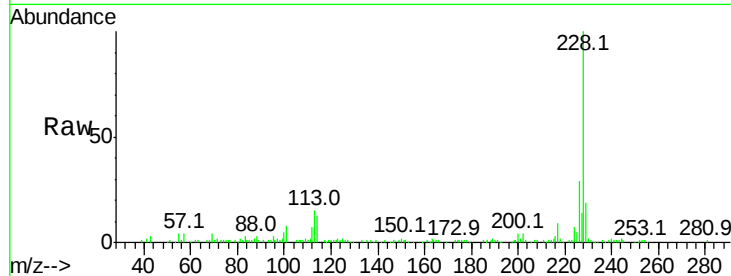
#82
Chrysene
Concen: 9.032 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.3	16.2	24.4

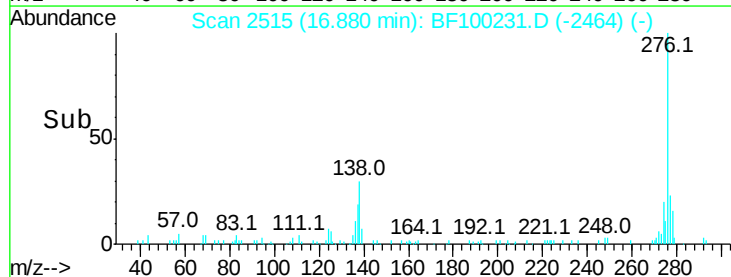
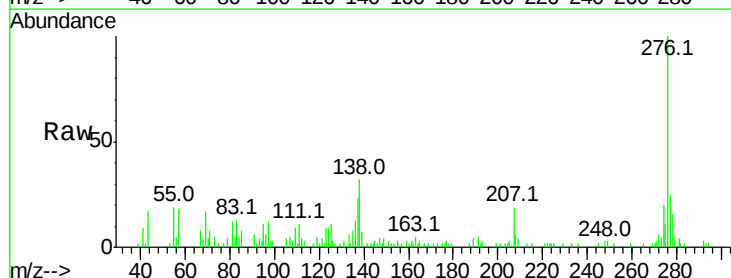
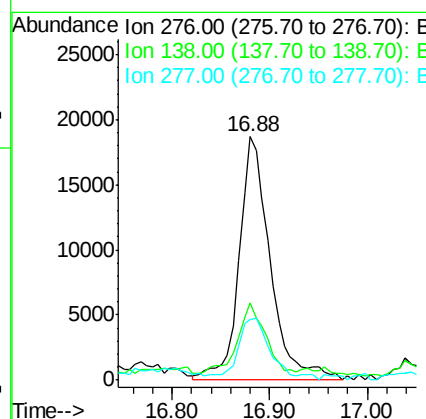
Manual Integrations
APPROVED

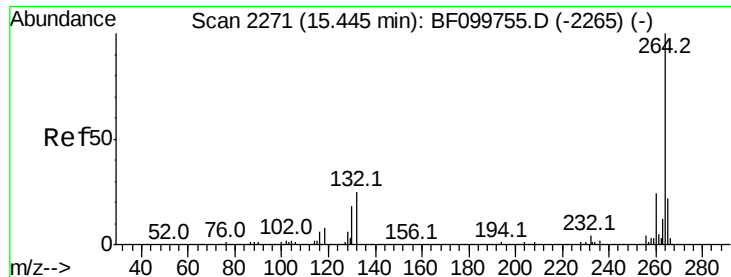
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.122 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	25.4	20.1	30.1





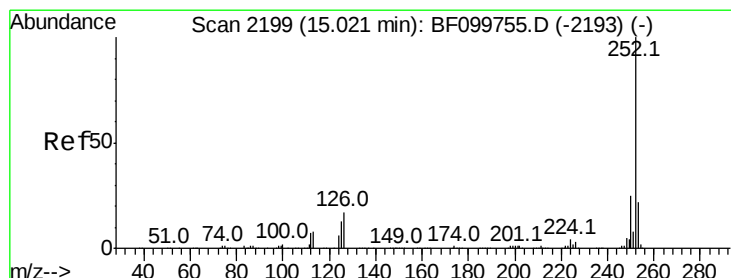
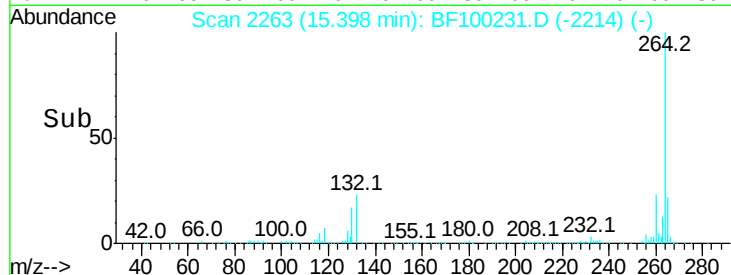
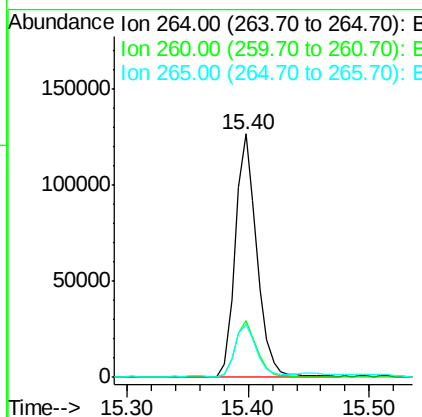
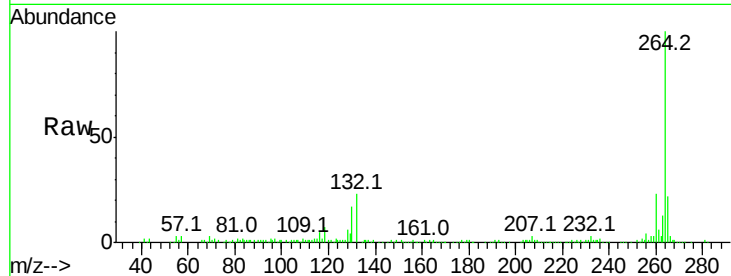
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

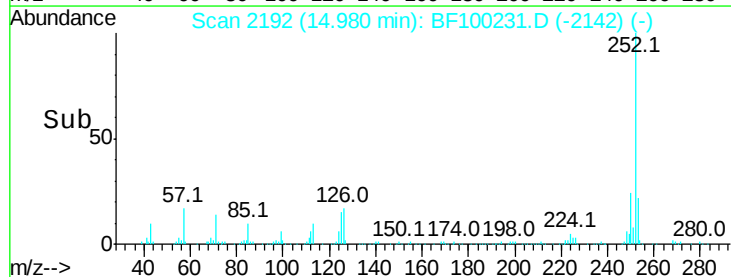
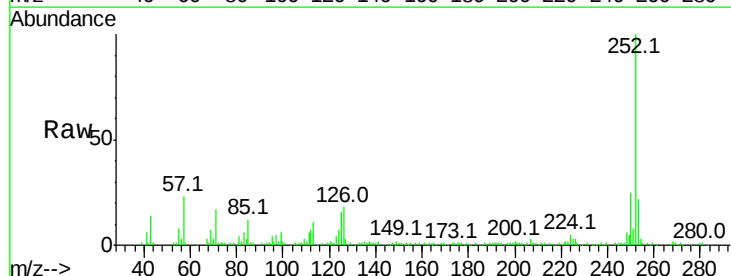
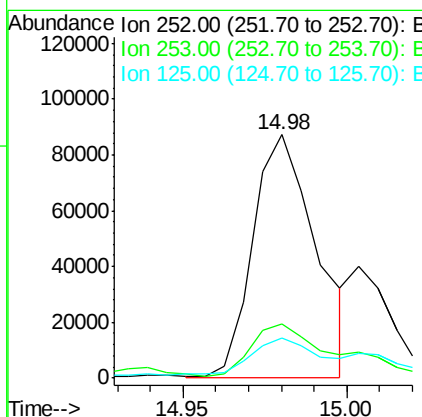
Manual Integrations
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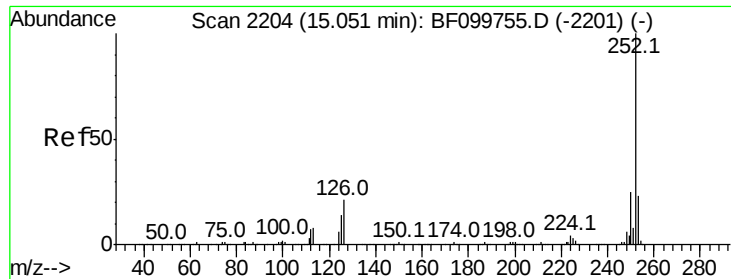
Sohil
11/6/2017 2:33:33 PM



#87
Benzo(b)fluoranthene
Concen: 11.747 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	16.2	9.0	13.6





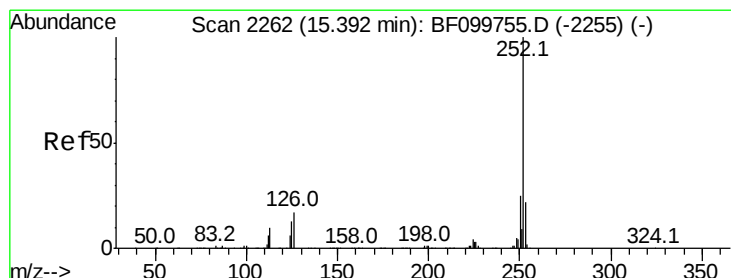
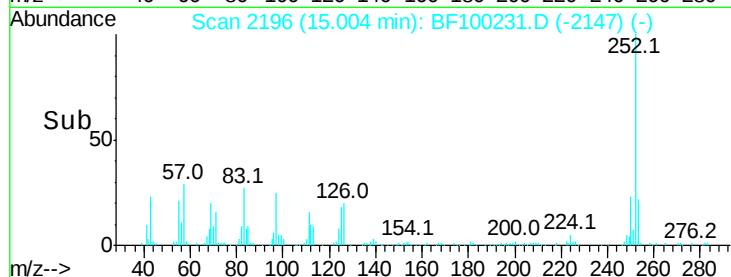
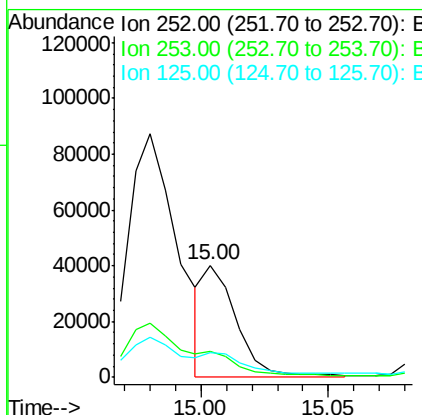
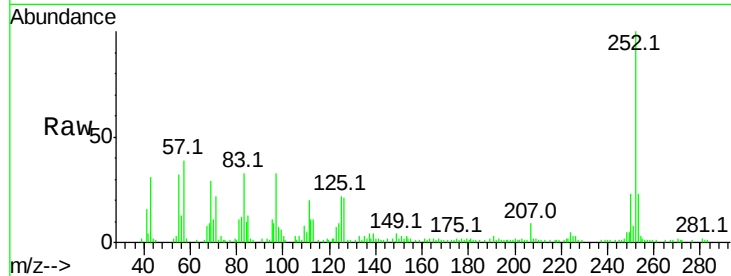
#88
Benzo(k)fluoranthene
Concen: 3.847 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Instrument :
BNA_F
ClientSampleId :
B7(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	21.6	10.2	15.2

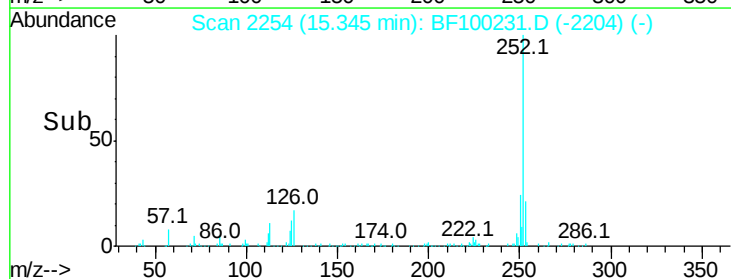
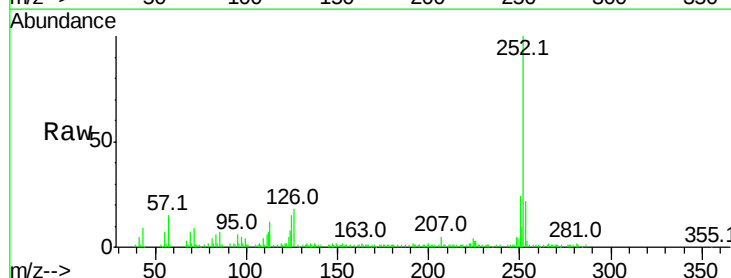
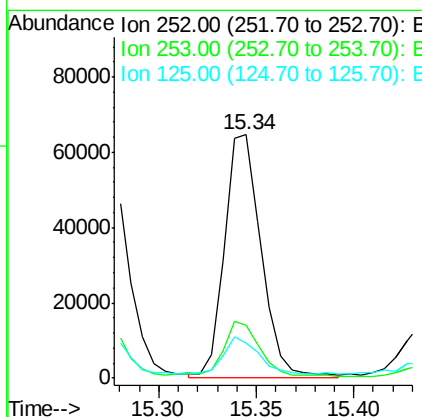
Manual Integrations
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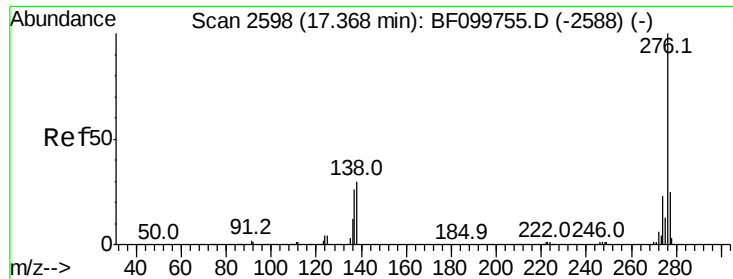
Sohil
11/6/2017 2:33:33 PM



#89
Benzo(a)pyrene
Concen: 9.301 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BF100231.D
Acq: 5 Nov 2017 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.968 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.01 min
 Lab File: BF100231.D
 Acq: 5 Nov 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :
 B7(0-10)COMP

Tot Ion:	276	Resp:	38910
Ion Ratio	Lower	Upper	
276	100		
277	25.8	17.9	26.9
138	27.3	21.8	32.8

Manual Integrations
 APPROVED

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 11/6/2017 2:33:33 PM

