

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093921.D
 Acq On : 24 Mar 2017 22:03
 Operator : SJ/MA
 Sample : I2367-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC10-SSW

Manual Integrations
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mohammad
 3/27/2017 12:56:21 PM

Quant Time: Mar 25 00:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	188166	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	820511	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	330571	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	536762	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	343219	20.00	ng	-0.04
86) Perylene-d12	16.32	264	313136	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	1282448	115.11	ng	-0.01
7) Phenol-d6	5.56	99	1663457	120.70	ng	0.00
23) Nitrobenzene-d5	6.61	82	1114104	77.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	311196	119.13	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1560727	72.01	ng	-0.04
78) Terphenyl-d14	13.41	244	975957	63.74	ng	-0.03
Target Compounds						Qvalue
10) Phenol	5.57	94	75697	4.83	ng	93
20) 3+4-Methylphenols	6.43	107	45037	3.55	ng	# 59
29) 2,4-Dichlorophenol	7.29	162	42095	3.86	ng	99
49) Dimethylphthalate	9.28	163	272209	11.58	ng	99
70) Phenanthrene	11.46	178	260340	8.72	ng	99
74) Fluoranthene	12.95	202	311877	10.20	ng	98
77) Pyrene	13.20	202	266963	10.72	ng	98
80) Benzo(a)anthracene	14.67	228	98774	4.94	ng	99
82) Chrysene	14.71	228	104462	5.62	ng	97
85) Indeno(1,2,3-cd)pyrene	17.69	276	54727	3.40	ng	93
87) Benzo(b)fluoranthene	15.90	252	128454m	6.69	ng	
89) Benzo(a)pyrene	16.25	252	87254	4.94	ng	96
91) Benzo(a,h,i)perylene	18.09	276	50892	3.37	ng	92

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

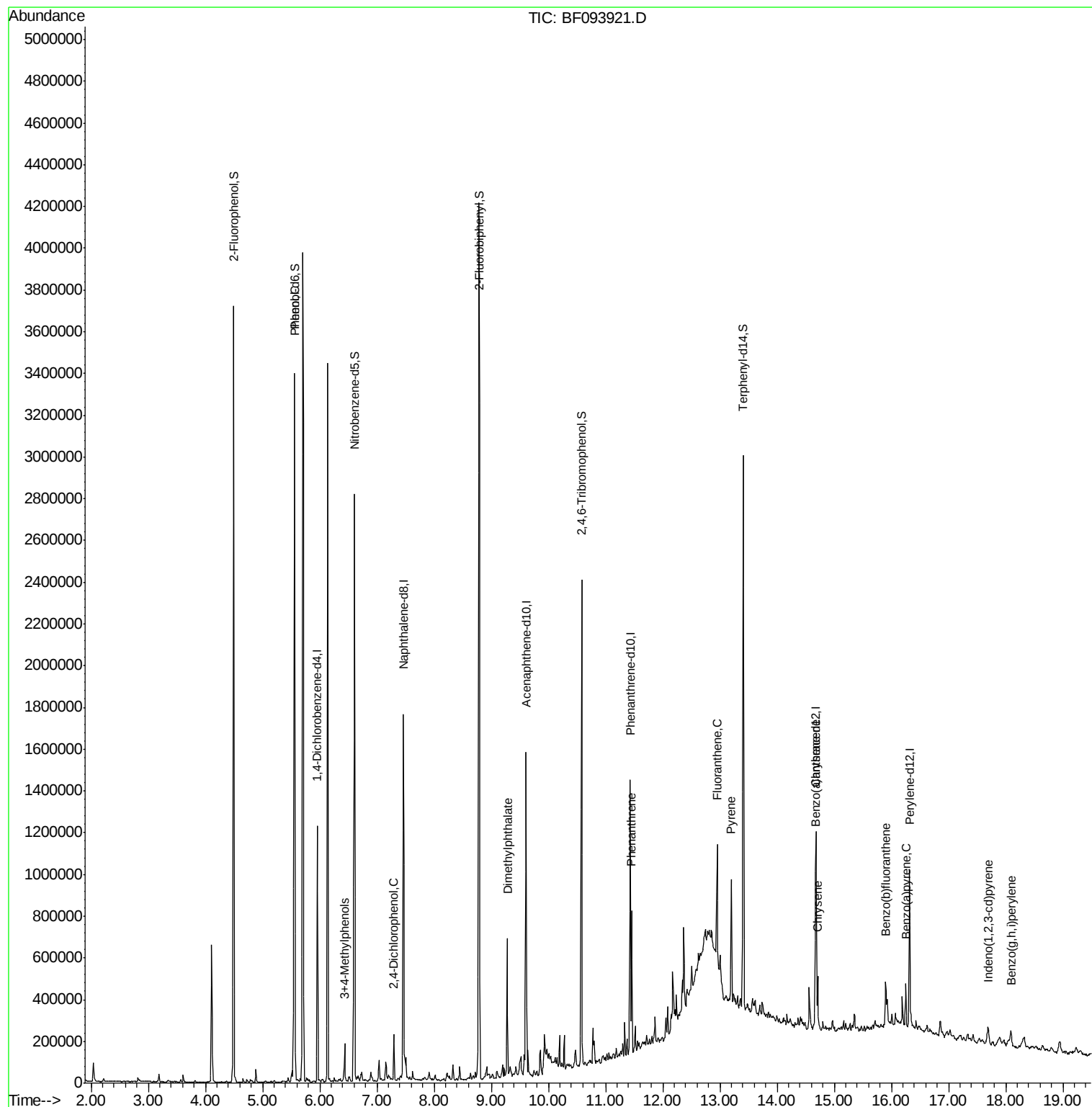
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093921.D
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Sample : I2367-06
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ALS Vial : 11 Sample Multiplier: 1

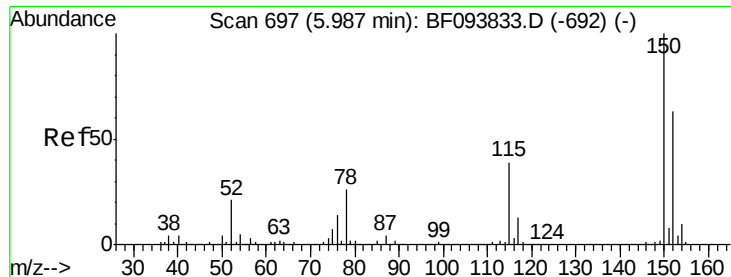
Instrument :
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Quant Time: Mar 25 00:48:01 2017
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#1

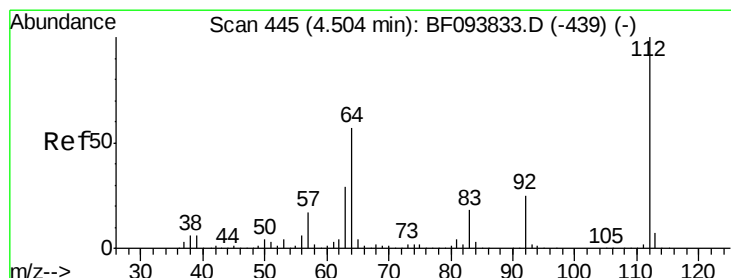
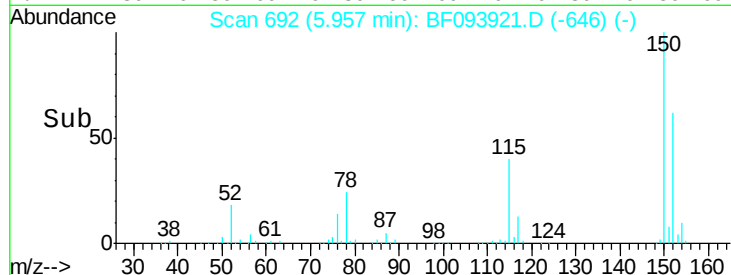
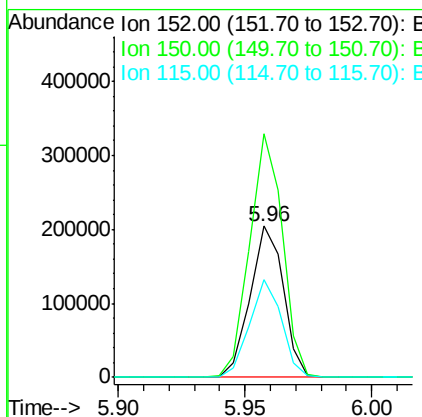
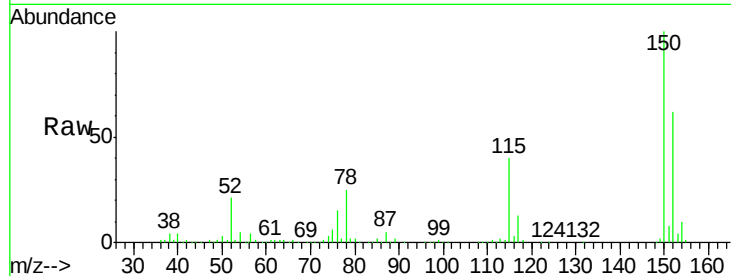
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	64.3	52.2	78.2

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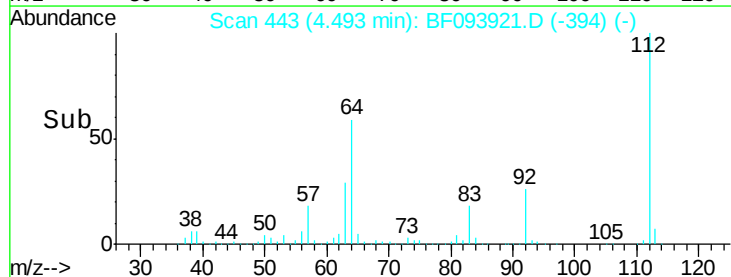
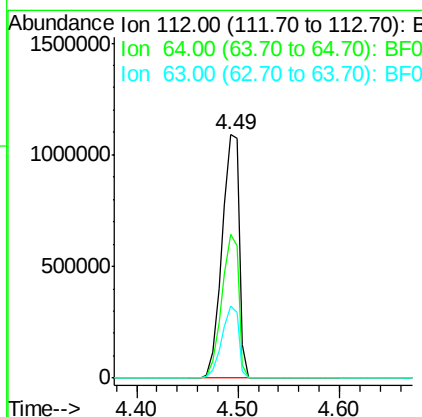
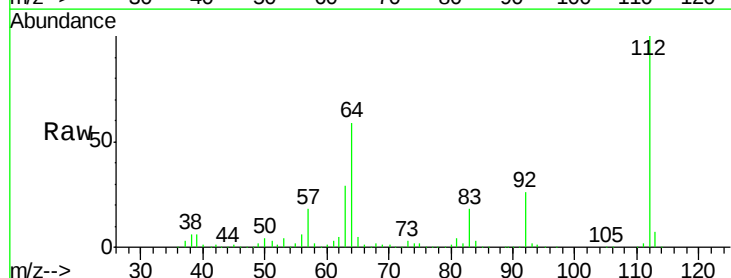
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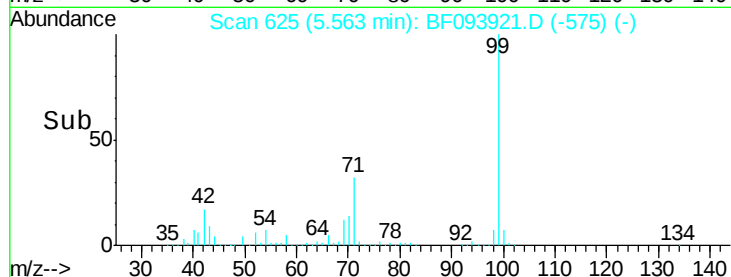
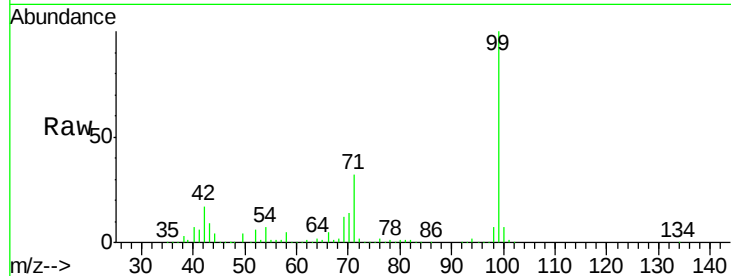
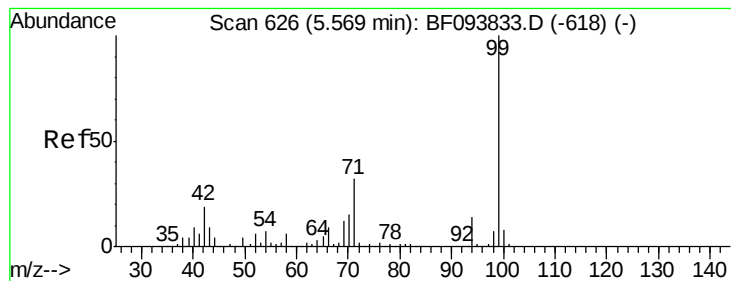


#5

2-Fluorophenol
Concen: 115.11 ng
RT: 4.49 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.0	69.0
63	29.4	23.4	35.0





#7

Phenol-d6

Concen: 120.70 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Tot Ion:	99	Resp:	1663457
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.4	24.5	36.7

Instrument :

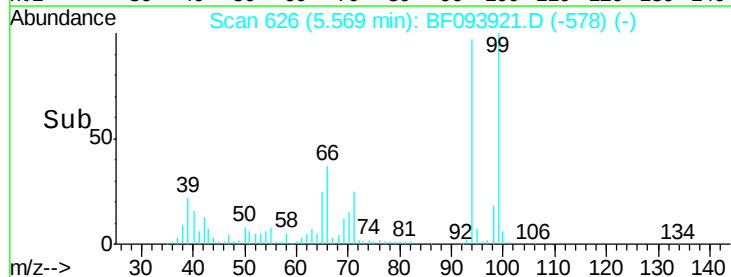
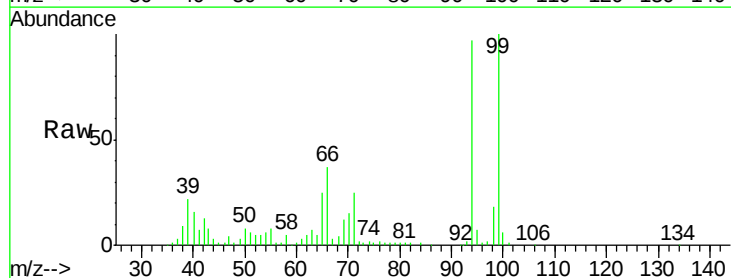
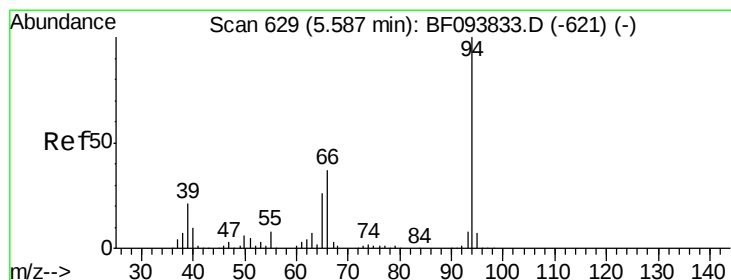
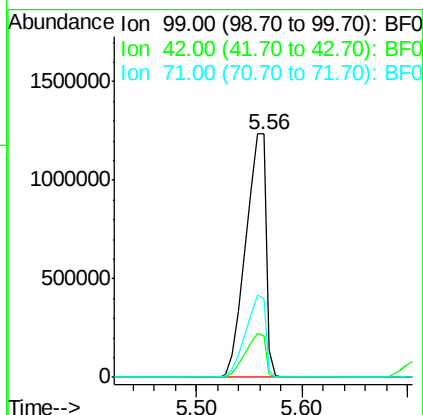
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 4.83 ng

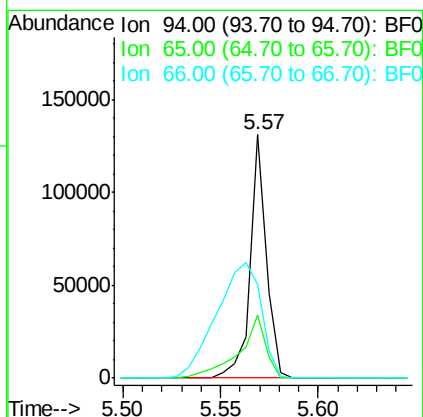
RT: 5.57 min Scan# 626

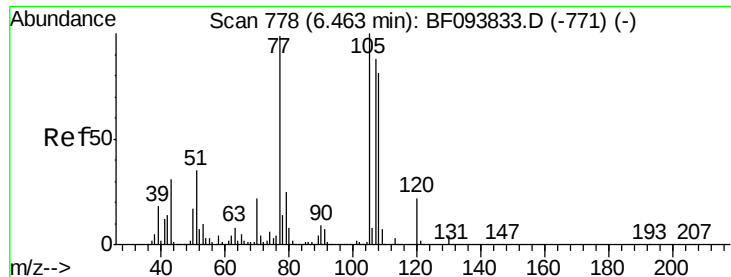
Delta R.T. -0.02 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Tgt Ion:	94	Resp:	75697
Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	38.6	23.1	63.1





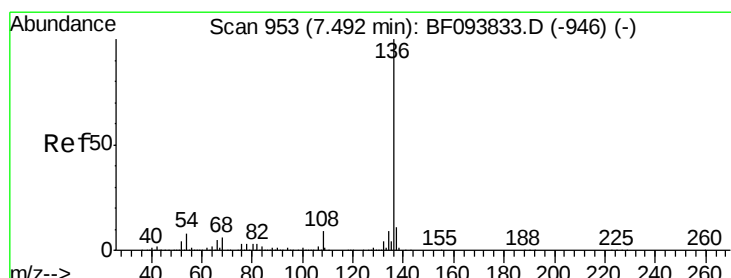
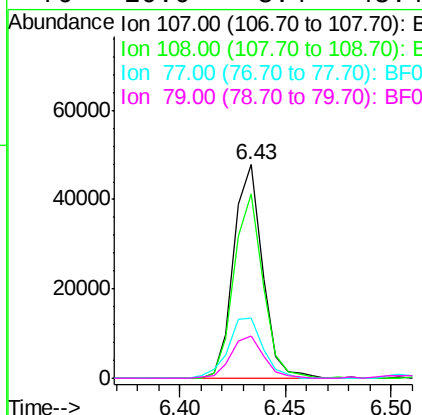
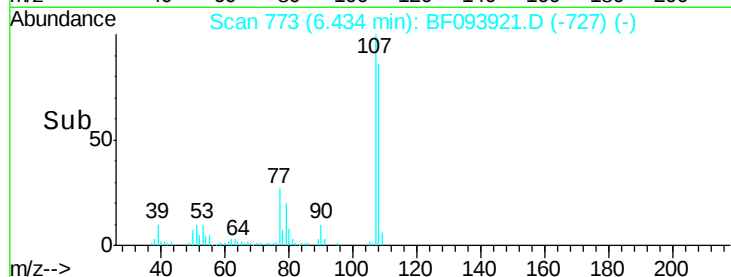
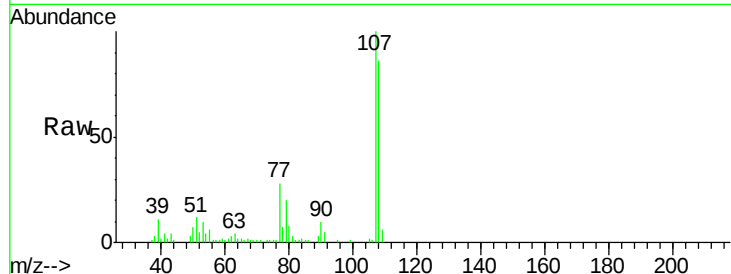
#20
3+4-Methylphenols
Concen: 3.55 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	27.9	90.5	130.5#
79	20.0	8.4	48.4

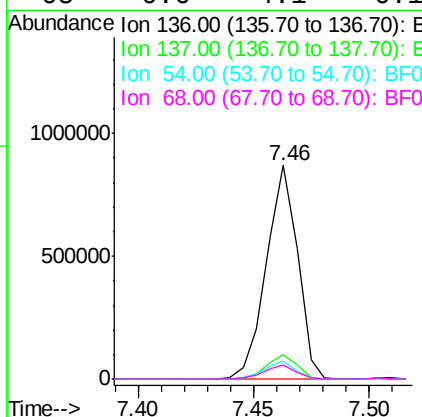
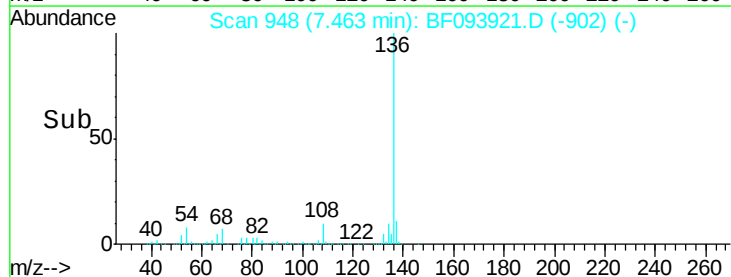
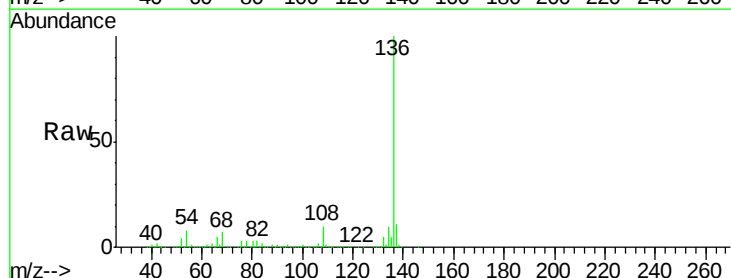
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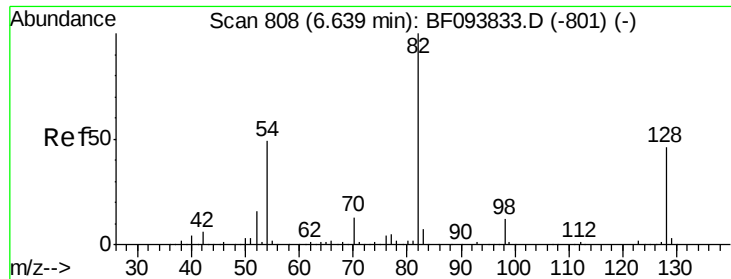
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.1	4.9	7.3#
68	6.6	4.1	6.1#





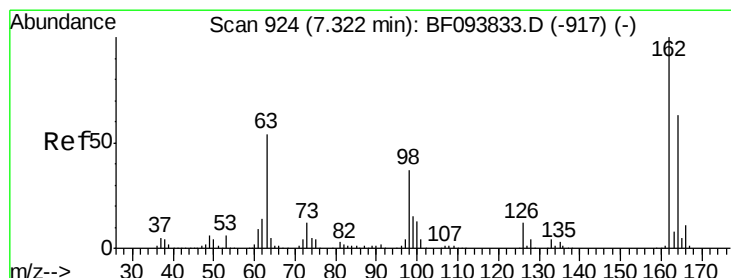
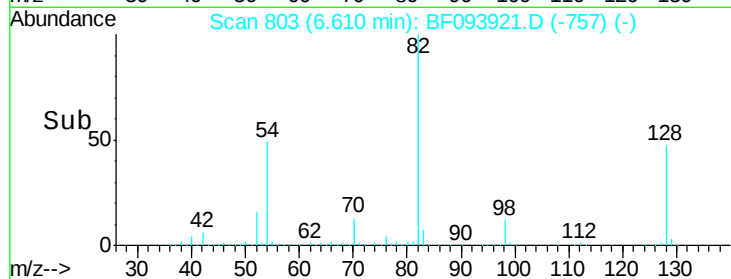
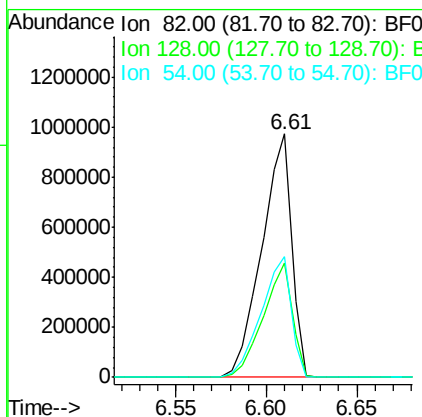
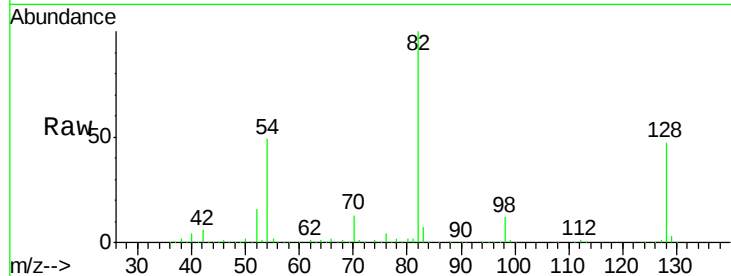
#23
Nitrobenzene-d5
Concen: 77.49 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion: 82 Resp: 1114104
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.4 42.2 63.2

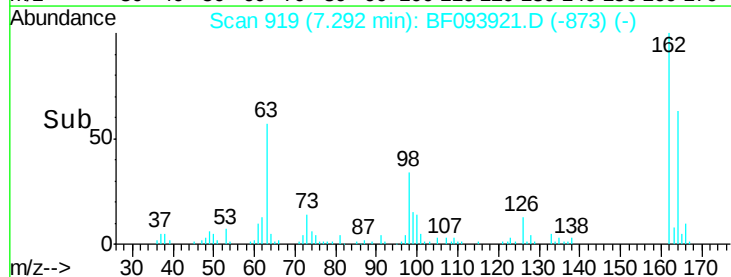
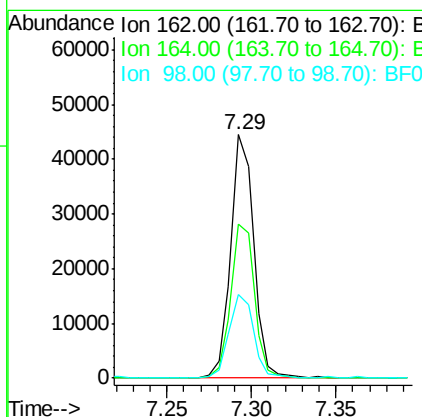
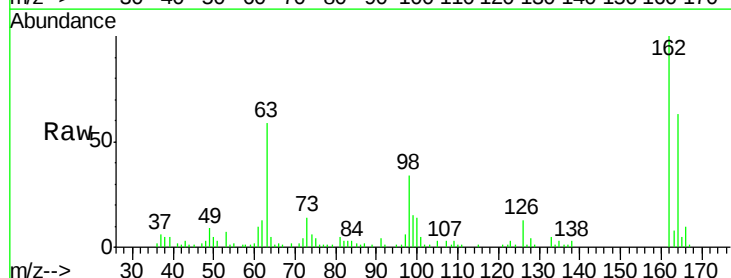
Manual Integrations
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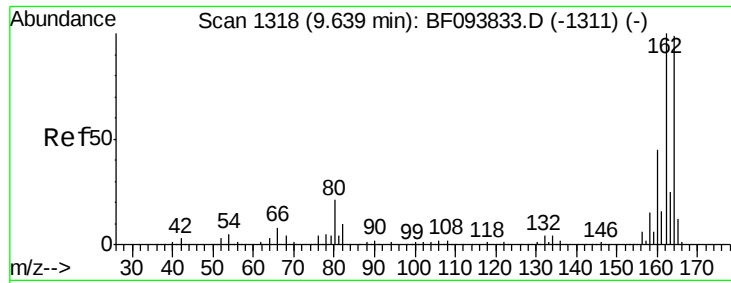
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#29
2,4-Dichlorophenol
Concen: 3.86 ng
RT: 7.29 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion: 162 Resp: 42095
Ion Ratio Lower Upper
162 100
164 63.5 44.6 84.6
98 34.5 14.8 54.8





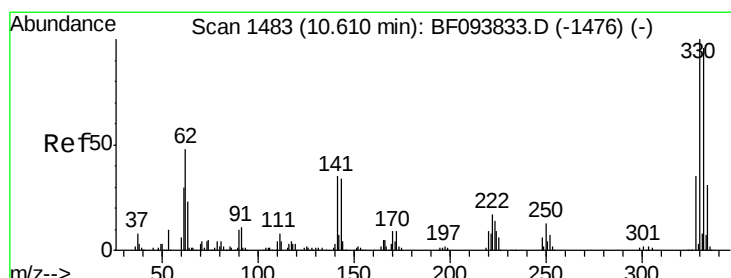
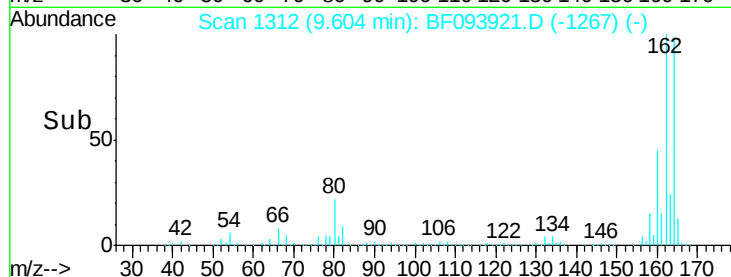
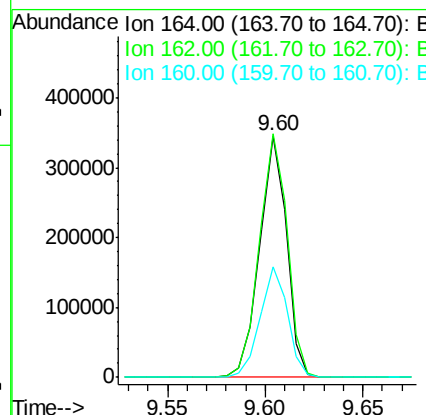
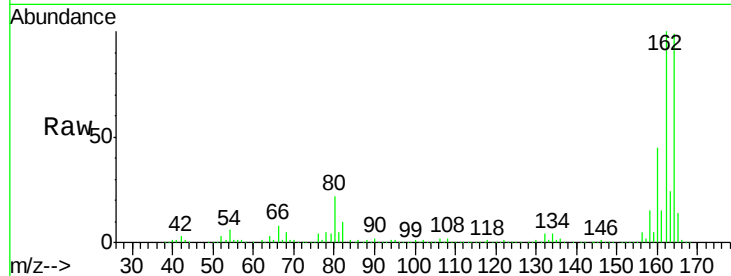
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	123.8	
160	45.5	36.2	54.2	

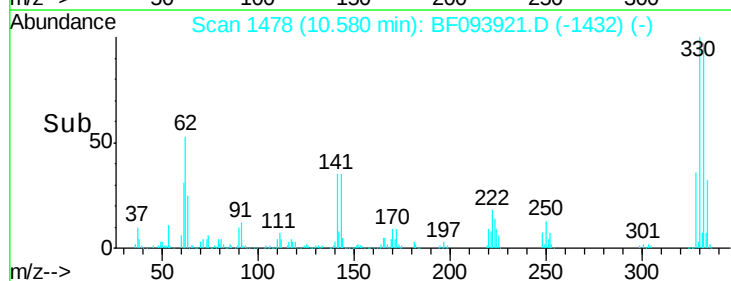
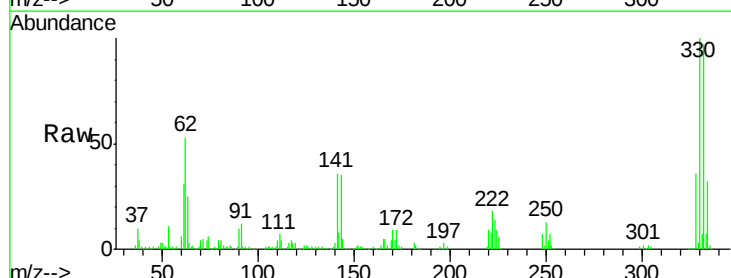
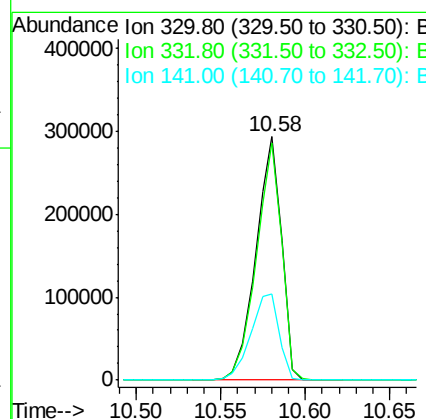
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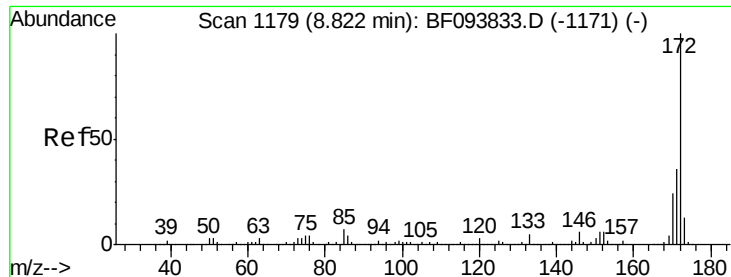
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#41
2,4,6-Tribromophenol
Concen: 119.13 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.6	115.0	
141	39.1	31.4	47.2	





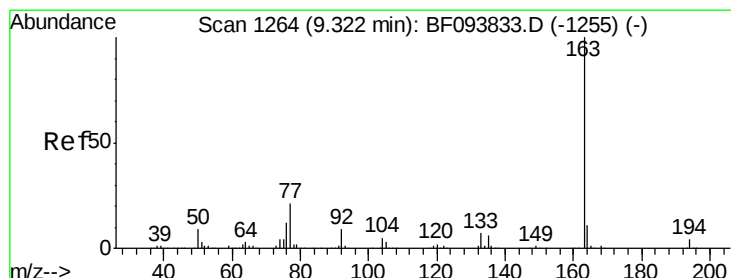
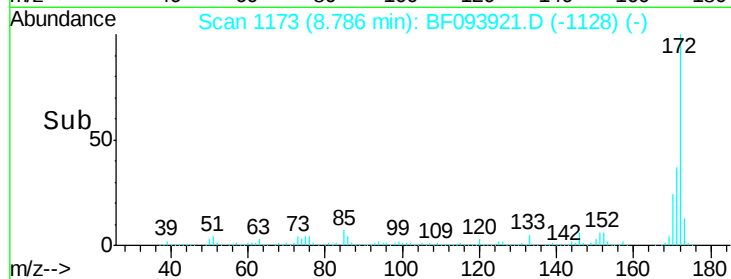
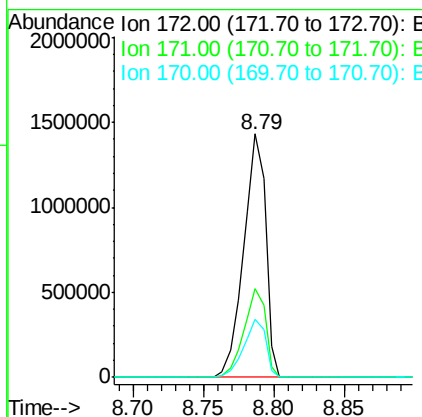
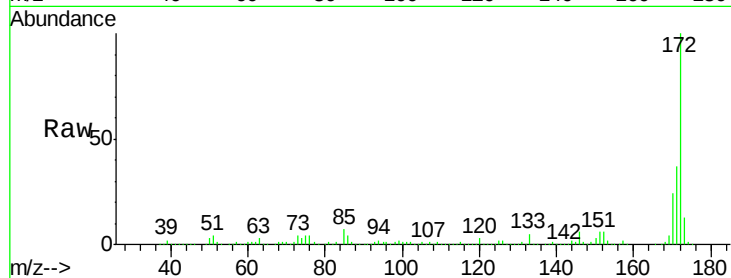
#44
2-Fluorobiphenyl
Concen: 72.01 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8

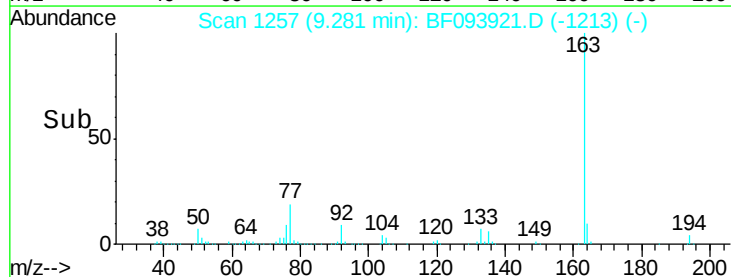
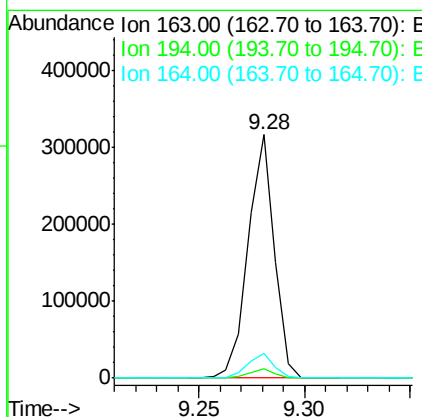
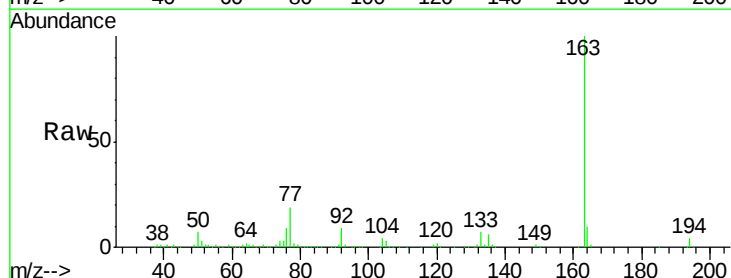
Manual Integrations
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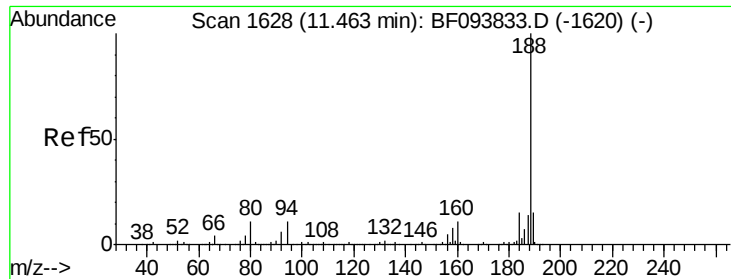
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#49
Dimethylphthalate
Concen: 11.58 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6





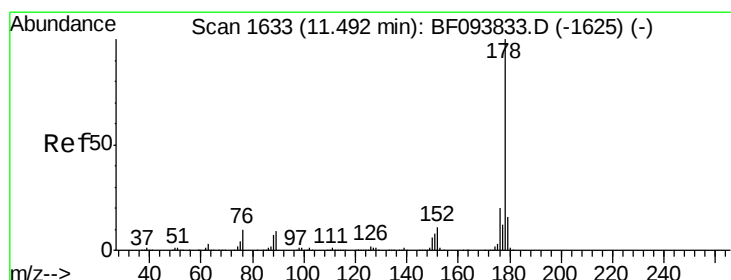
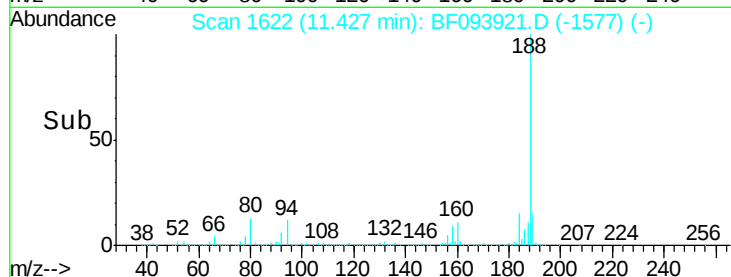
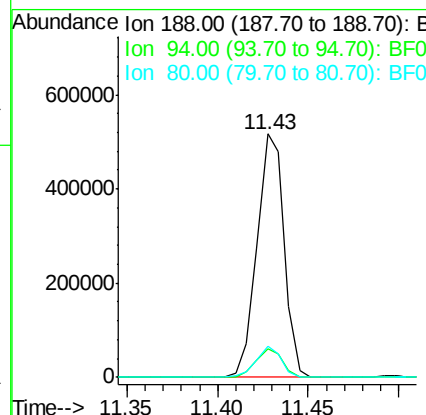
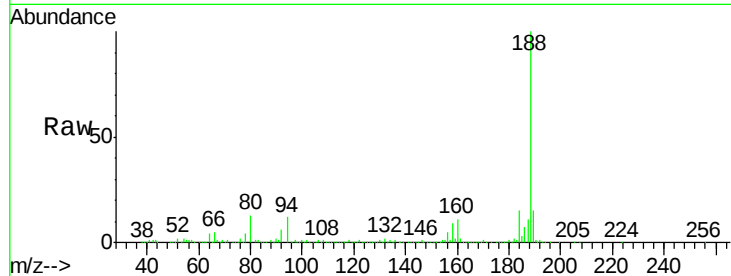
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	536762		
94	11.9		9.4	14.2
80	12.7		10.2	15.2

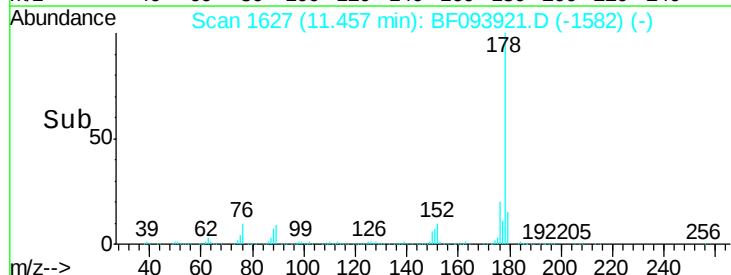
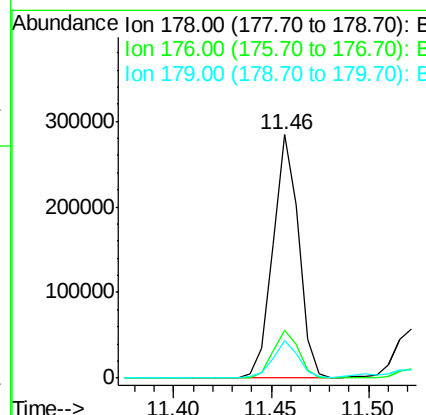
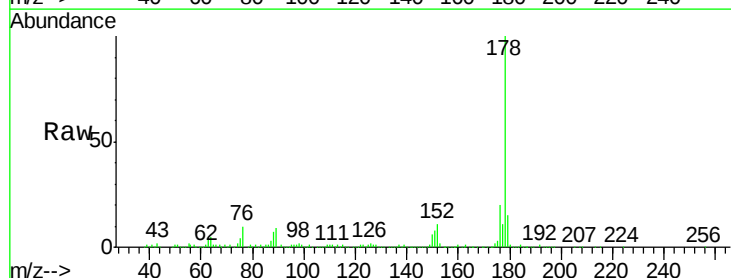
Manual Integrations
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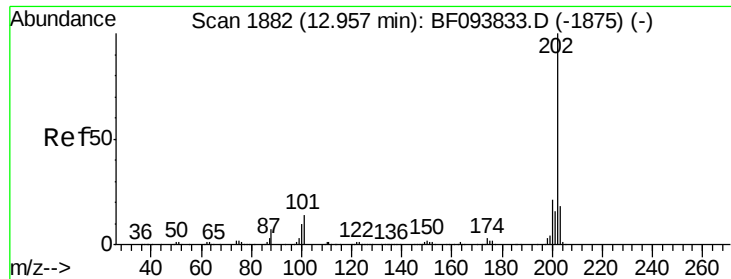
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#70
Phenanthrene
Concen: 8.72 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	260340		
176	19.5		16.2	24.4
179	15.4		12.6	19.0





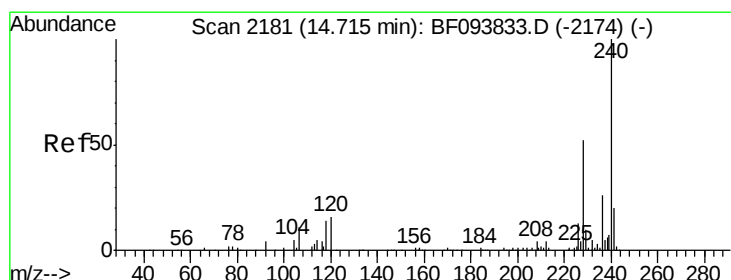
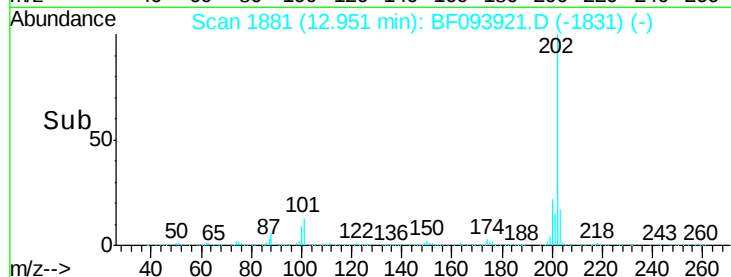
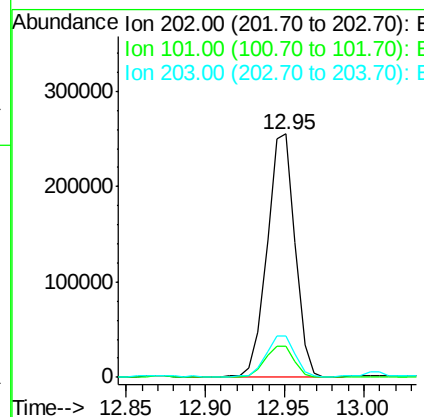
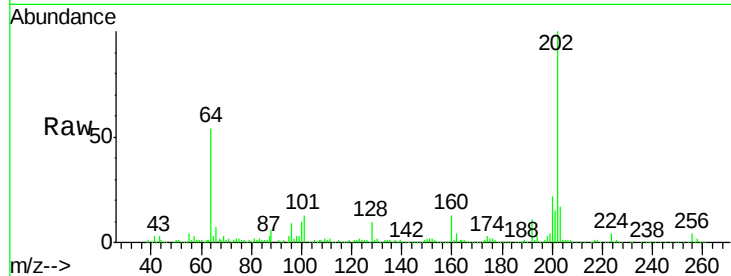
#74
Fluoranthene
Concen: 10.20 ng
RT: 12.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.0	0.0	38.1

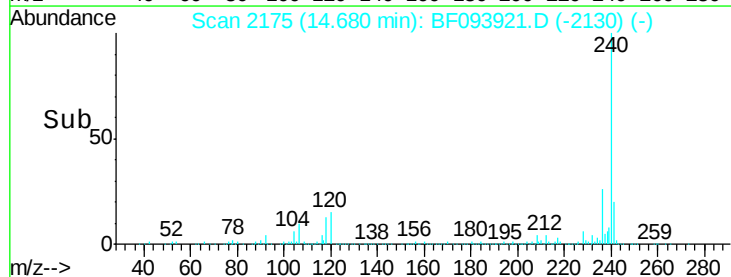
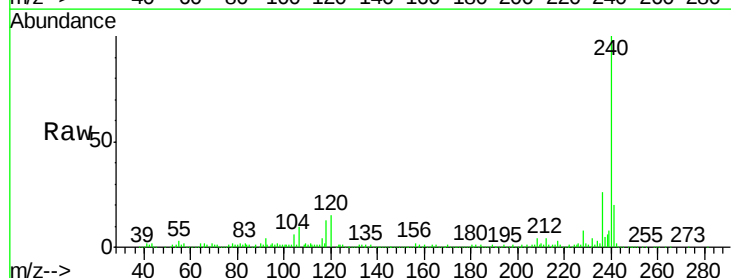
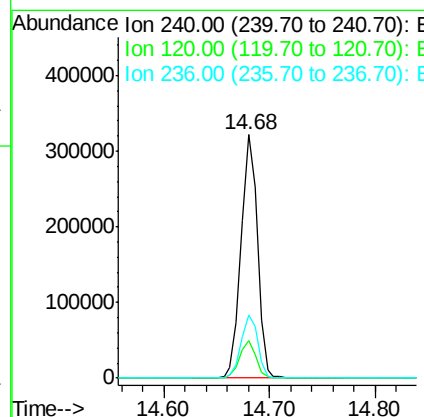
Manual Integrations
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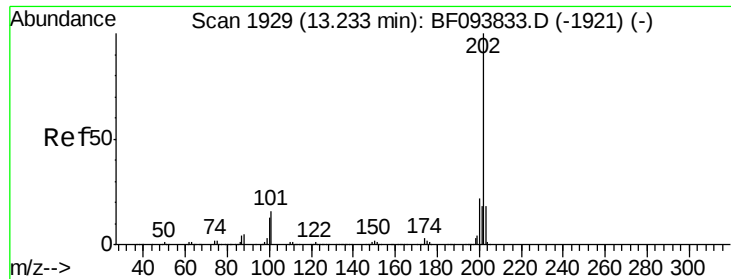
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.1	20.5	30.7





#77

Pvrene

Concen: 10.72 ng

RT: 13.20 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Instrument :

BNA_F

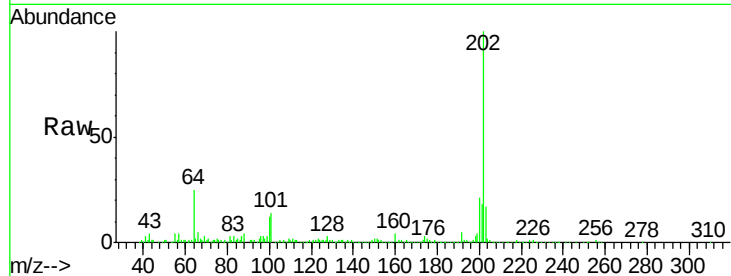
ClientSampleId :

E2-CC10-SSW

Tot Ion:	202	Resp:	266963
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

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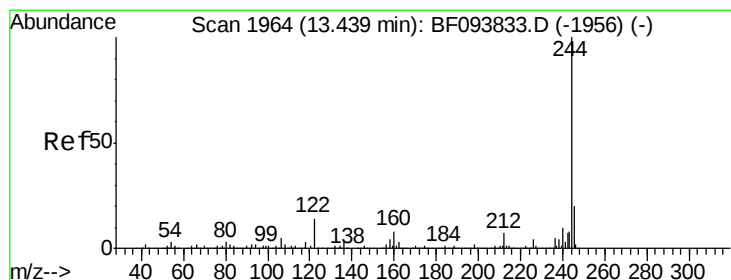
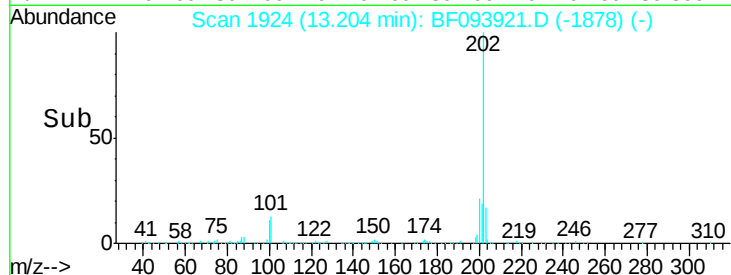
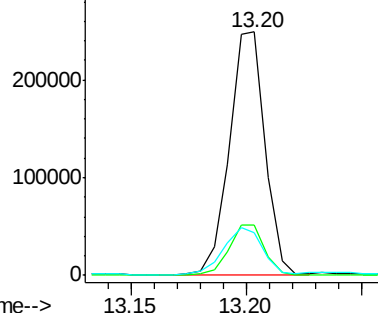


Abundance

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



#78

Terphenyl-d14

Concen: 63.74 ng

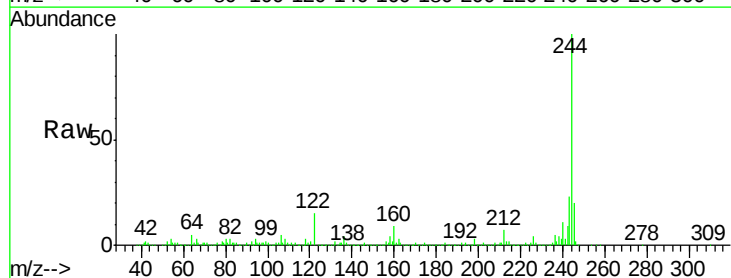
RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Tgt Ion:	244	Resp:	975957
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.2	10.3	15.5

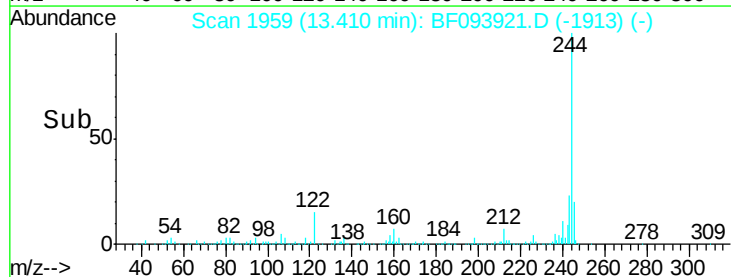
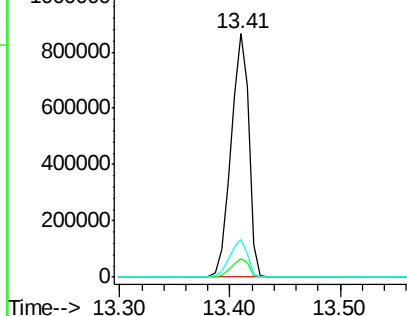


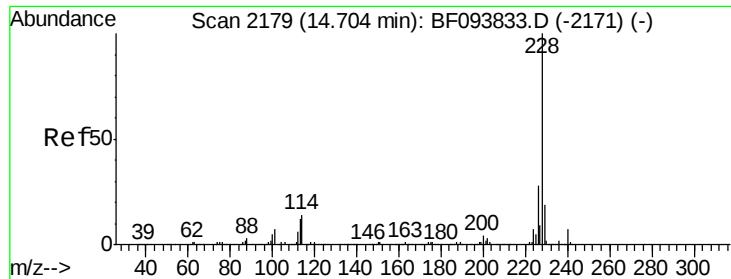
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





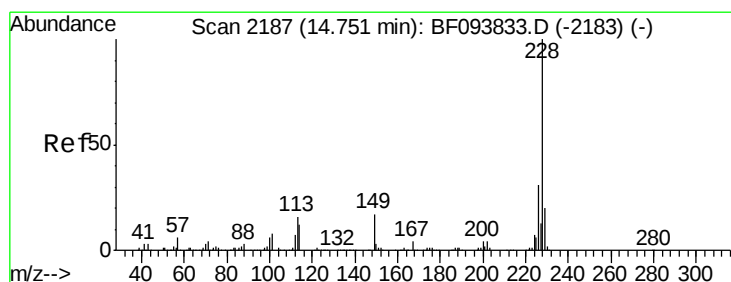
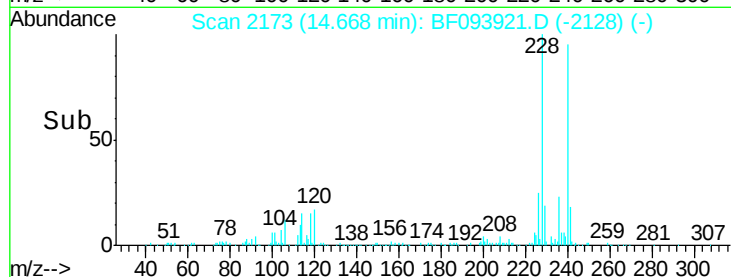
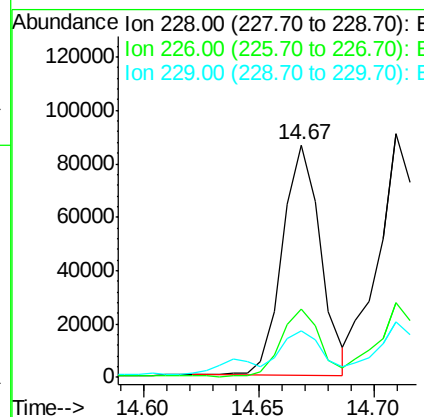
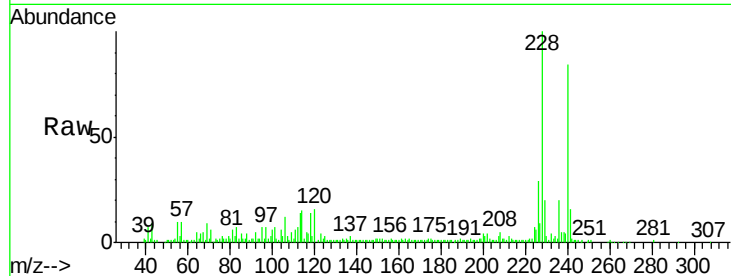
#80
Benzo(a)anthracene
Concen: 4.94 ng
RT: 14.67 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Instrument :
BNA_F
ClientSampleId :
E2-CC10-SSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.0	16.3	24.5

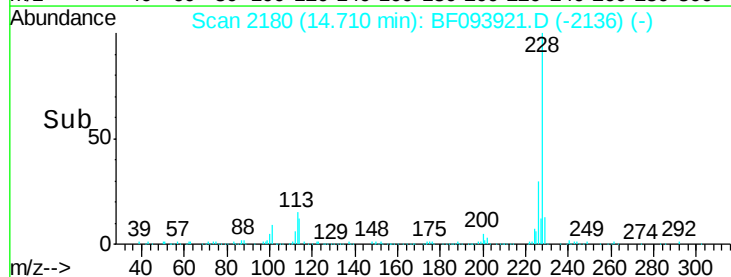
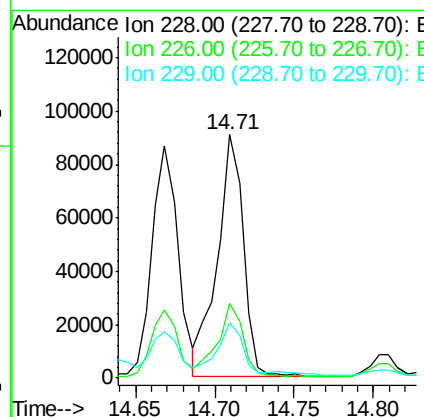
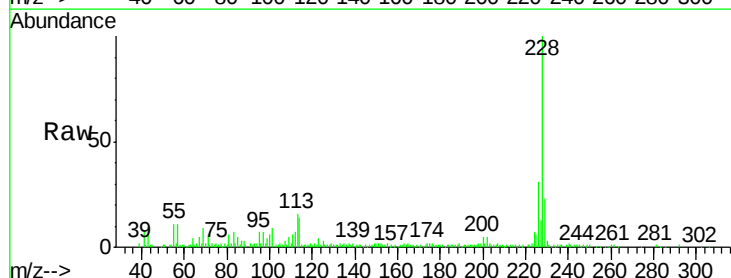
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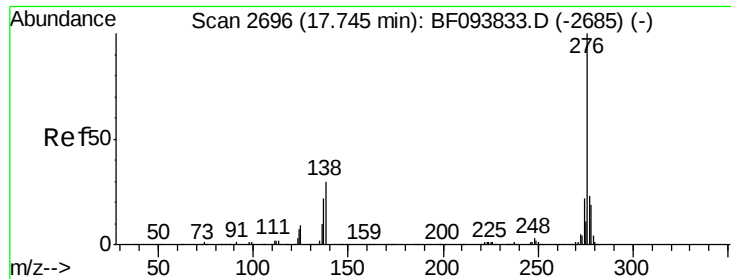
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#82
Chrysene
Concen: 5.62 ng
RT: 14.71 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BF093921.D
Acq: 24 Mar 2017 22:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	22.5	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.40 ng

RT: 17.69 min Scan# 2686

Delta R.T. -0.06 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Instrument :

BNA_F

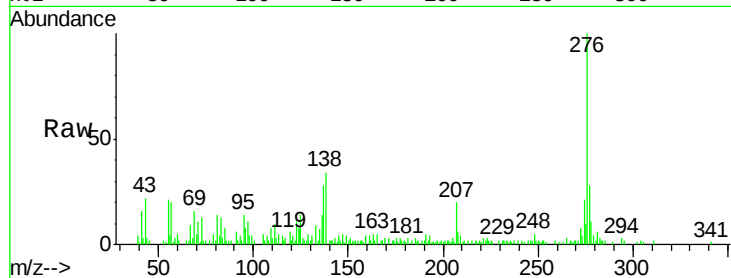
ClientSampleId :

E2-CC10-SSW

Tot Ion:	276	Resp:	54727
Ion Ratio	Lower	Upper	
276	100		
138	29.7	27.8	41.6
277	27.7	20.2	30.4

Manual Integrations
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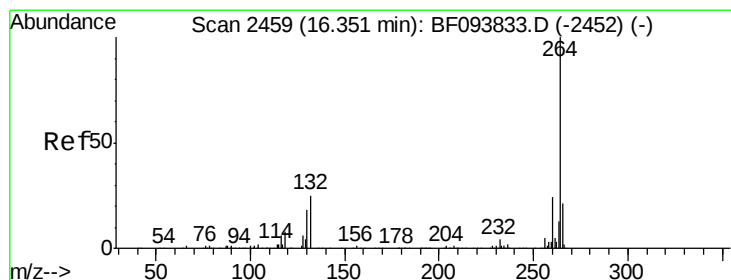
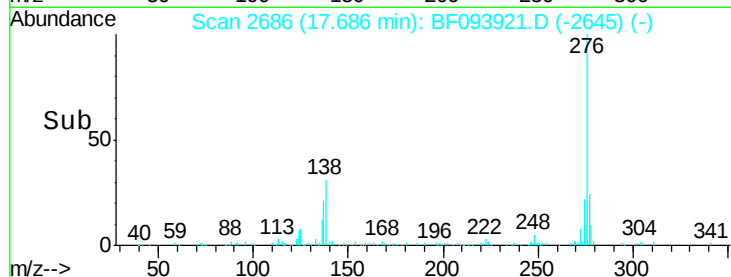
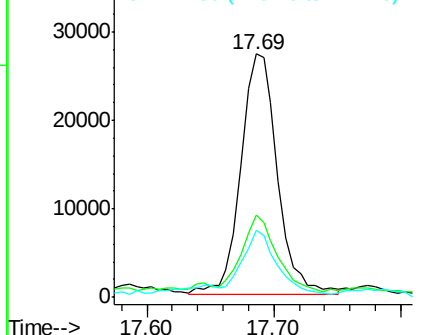
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

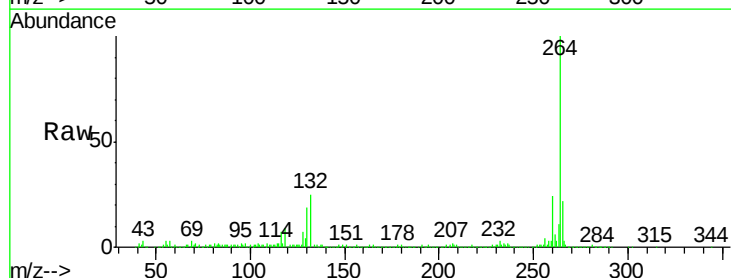
RT: 16.32 min Scan# 2453

Delta R.T. -0.04 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

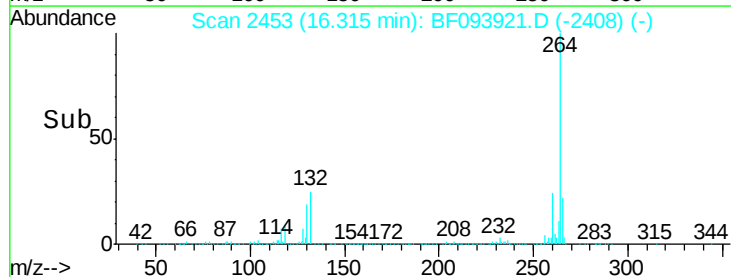
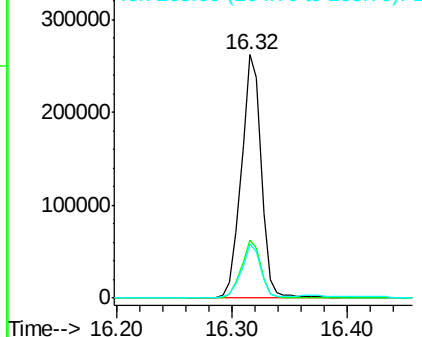
Tgt Ion:	264	Resp:	313136
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8

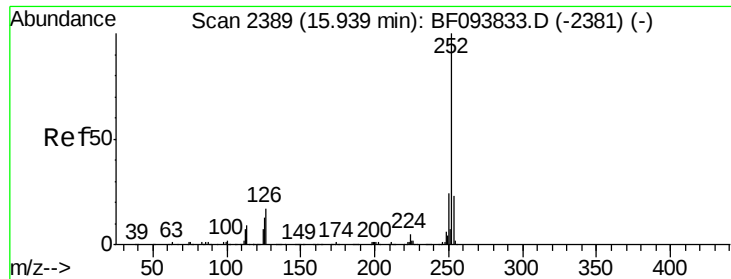


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.69 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.04 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Instrument :

BNA_F

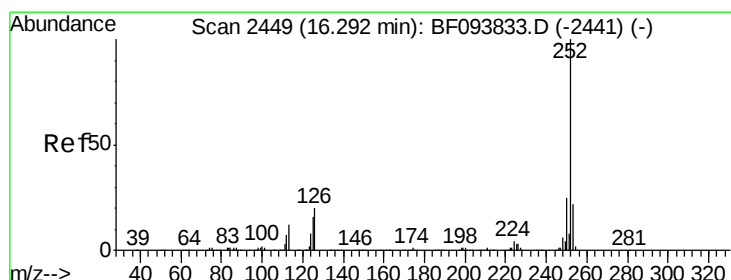
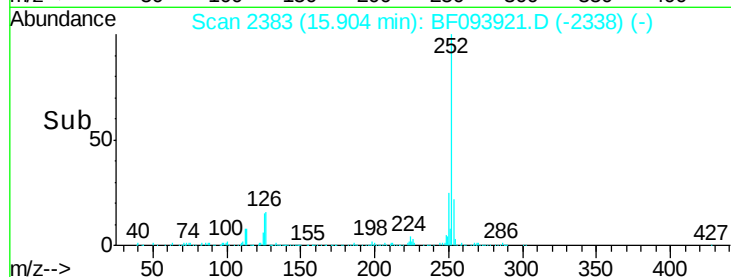
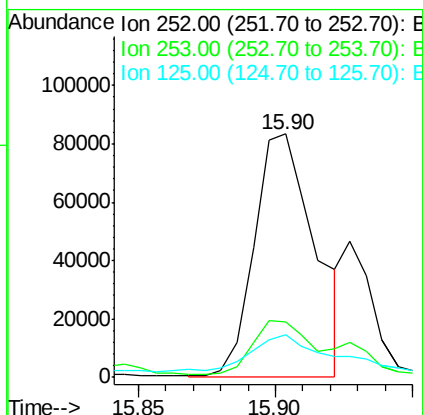
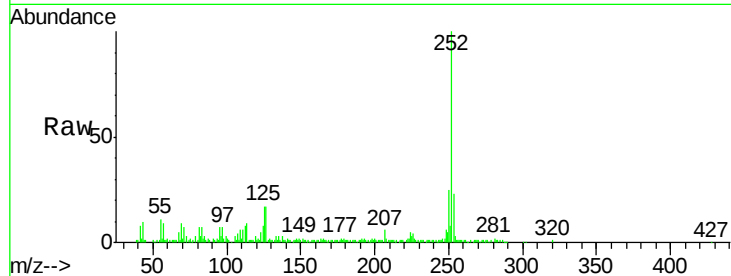
ClientSampleId :

E2-CC10-SSW

Tot Ion:	252	Resp:	128454
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	17.5	9.8	14.8

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 4.94 ng

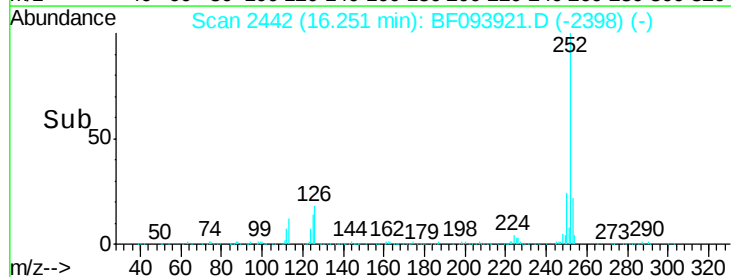
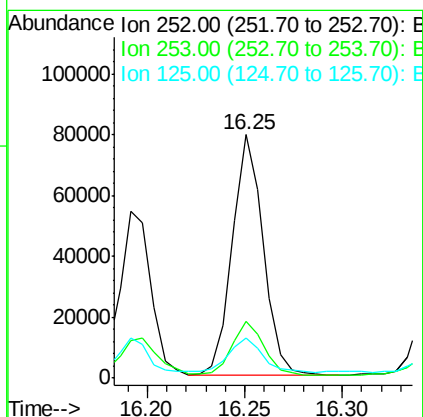
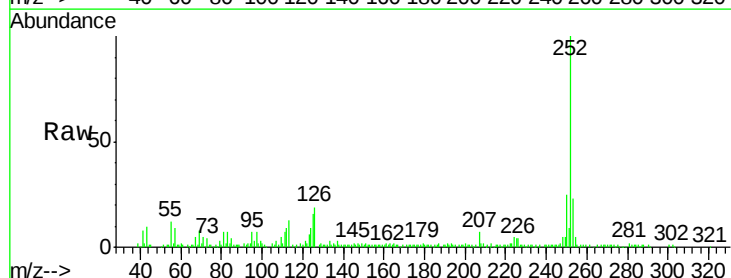
RT: 16.25 min Scan# 2442

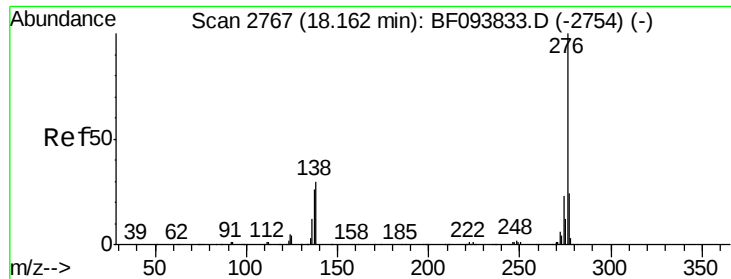
Delta R.T. -0.04 min

Lab File: BF093921.D

Acq: 24 Mar 2017 22:03

Tgt Ion:	252	Resp:	87254
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	16.4	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.37 ng
 RT: 18.09 min Scan# 2755
 Delta R.T. -0.07 min
 Lab File: BF093921.D
 Acq: 24 Mar 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC10-SSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	37.8	25.4	38.0

Manual Integrations
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