

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093177.D
 Acq On : 25 Feb 2017 7:56
 Operator : SJ/MA
 Sample : I1973-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW

Manual Integrations
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 2/27/2017 1:08:16 PM

Quant Time: Feb 27 00:41:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	155789	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	582768	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	251289	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	357409	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	310359	20.00	ng	-0.01
86) Perylene-d12	15.44	264	255763	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1380574	152.04	ng	-0.01
7) Phenol-d6	6.48	99	1694589	145.04	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1088139	103.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	238027	130.97	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1510773	108.92	ng	-0.01
78) Terphenyl-d14	12.96	244	872855	66.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	77360	5.66	ng	91
49) Dimethylphthalate	9.60	163	130812	7.73	ng	100
74) Fluoranthene	12.58	202	82685	3.91	ng	94
77) Pyrene	12.81	202	92790	4.00	ng	96
80) Benzo(a)anthracene	14.00	228	66374	3.50	ng	96
82) Chrysene	14.03	228	58951m	3.32	ng	
87) Benzo(b)fluoranthene	15.03	252	69673m	4.14	ng	
89) Benzo(a)pyrene	15.38	252	54418	3.74	ng	100
91) Benzo(g,h,i)perylene	17.27	276	25412	2.14	ng	# 94

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

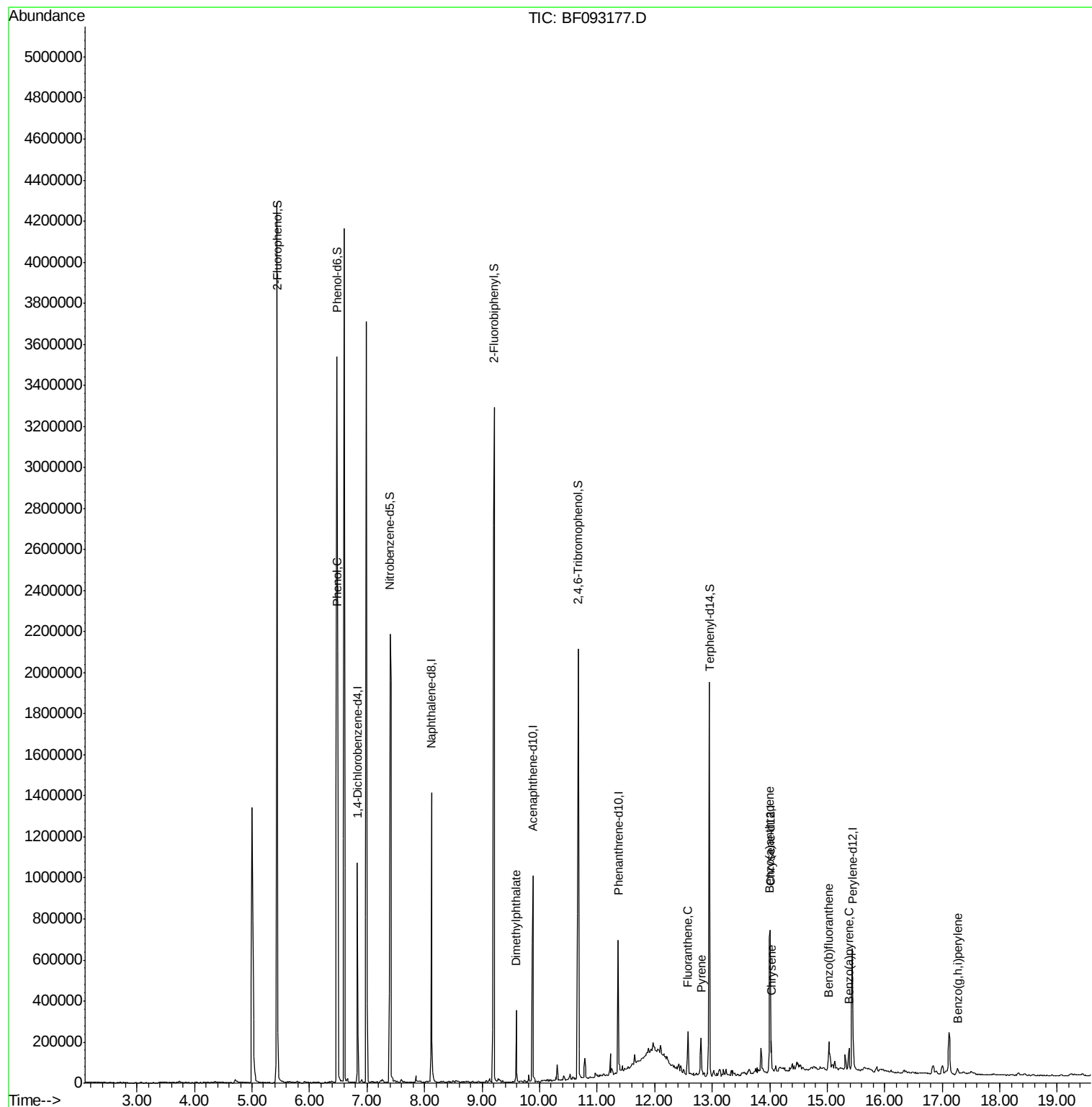
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093177.D
Acq On : 25 Feb 2017 7:56
Operator : SJ/MA
Sample : I1973-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

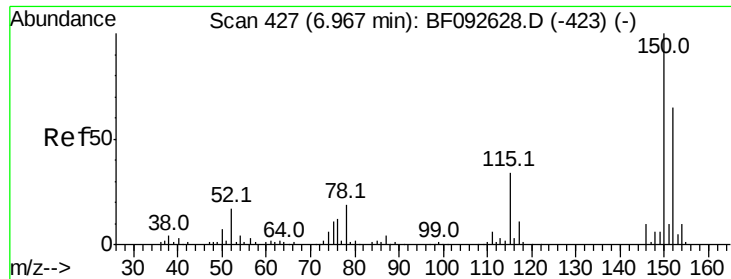
Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Instrument :

BNA_F

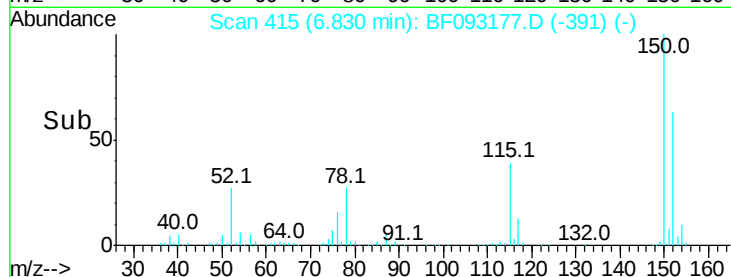
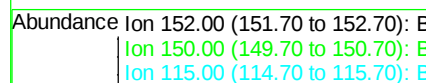
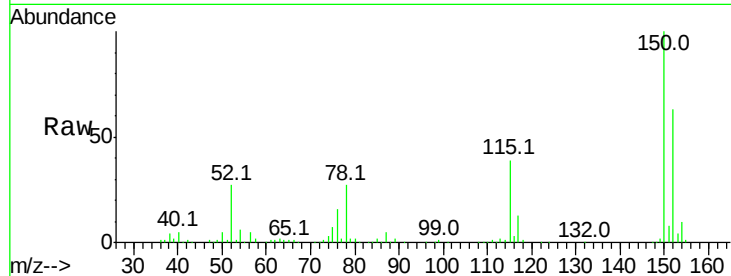
ClientSampleId :

E2-Y5N-SW

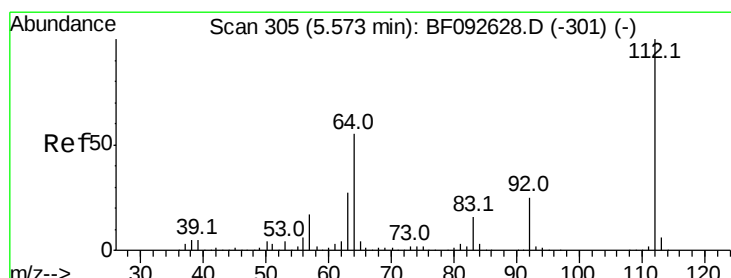
Tot Ion:	152	Resp:	155789
Ion Ratio	Lower	Upper	
152	100		
150	157.9	124.9	187.3
115	62.3	46.0	69.0

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Time-->



#5

2-Fluorophenol

Concen: 152.04 ng

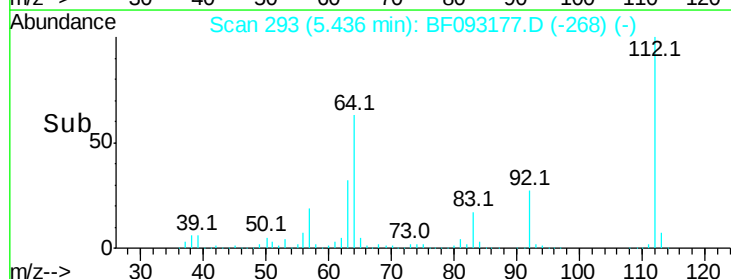
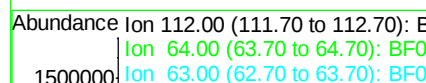
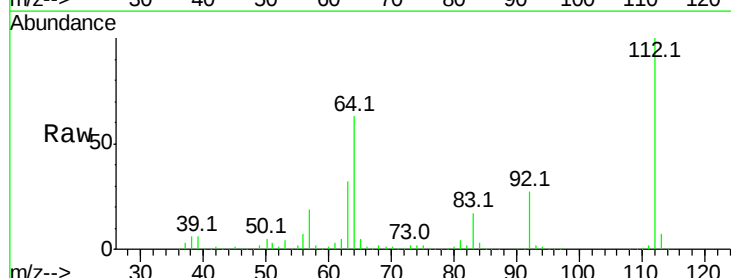
RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

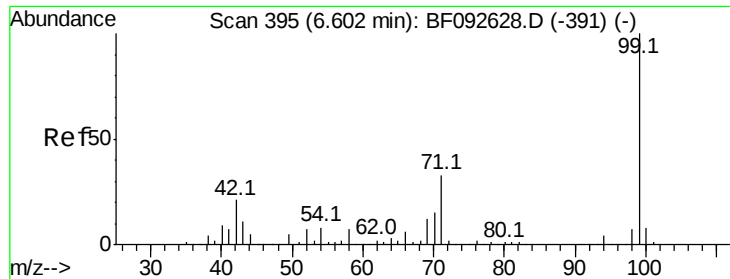
Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Tgt Ion:	112	Resp:	1380574
Ion Ratio	Lower	Upper	
112	100		
64	62.7	46.1	69.1
63	31.6	23.8	35.6



Time-->



#7

Phenol-d6

Concen: 145.04 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW

Tot Ion: 99 Resp: 1694589

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

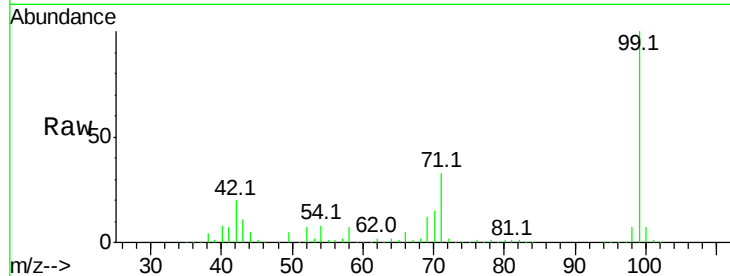
71 33.2 27.5 41.3

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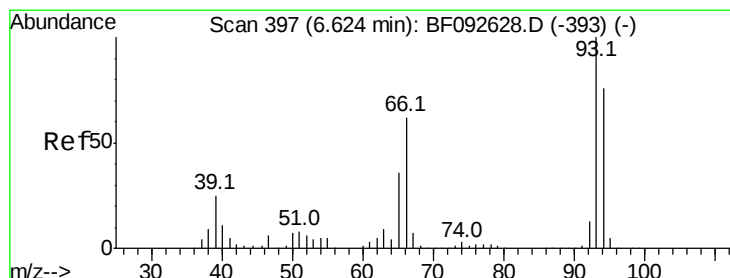
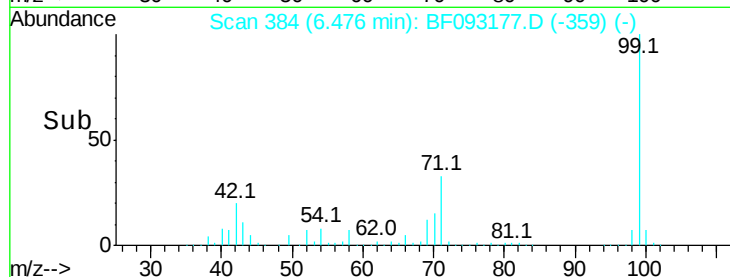
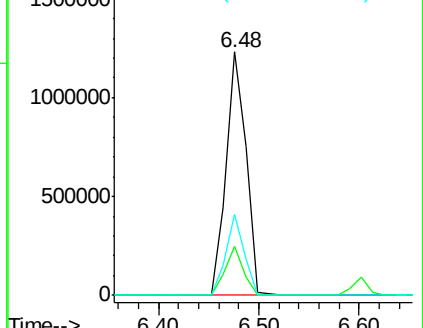
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.66 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

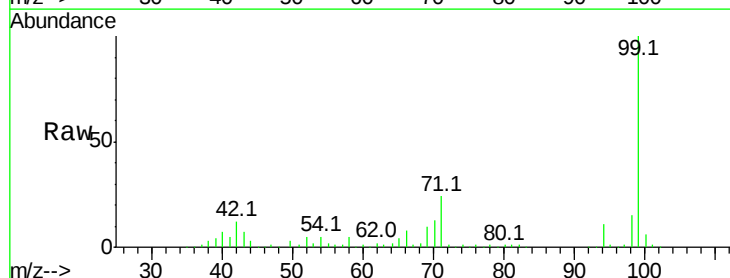
Tgt Ion: 94 Resp: 77360

Ion Ratio Lower Upper

94 100

65 37.2 21.4 61.4

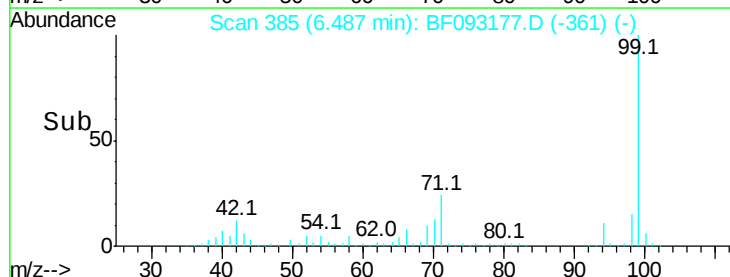
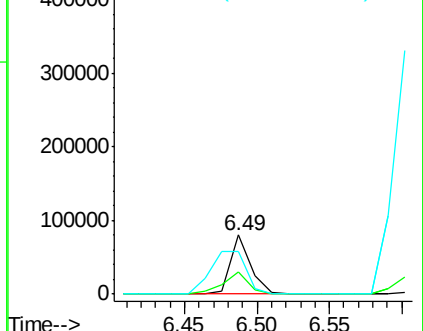
66 71.6 44.0 84.0

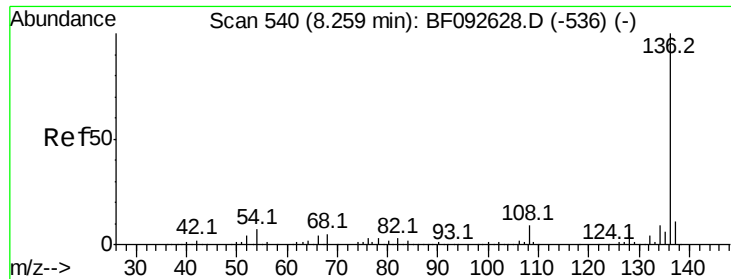


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





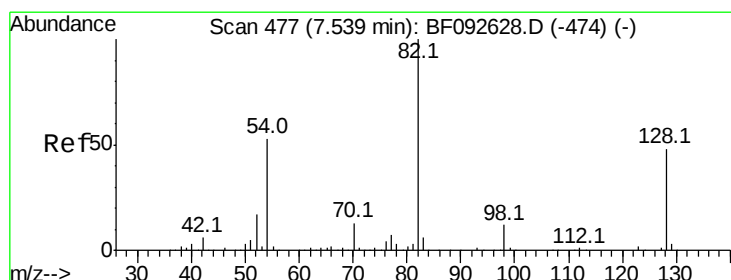
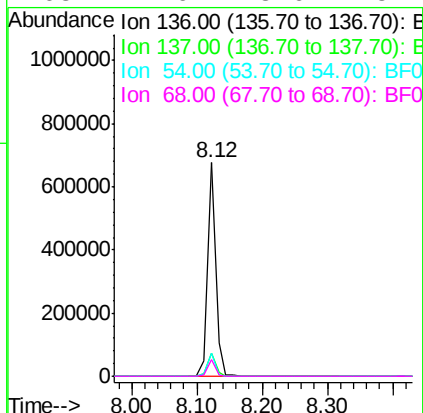
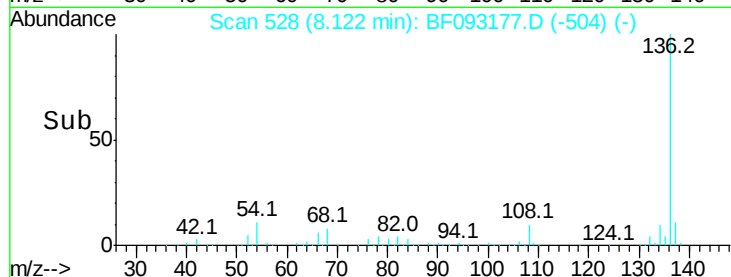
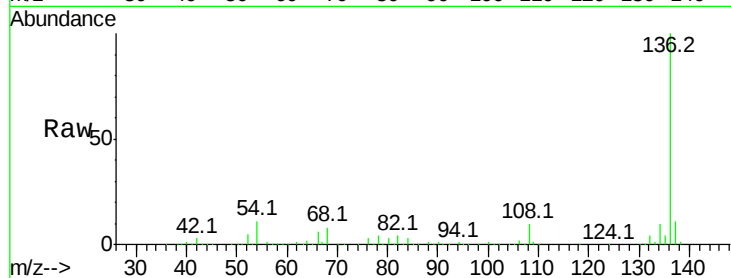
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	10.9	4.5	6.7	
68	7.6	3.6	5.4	

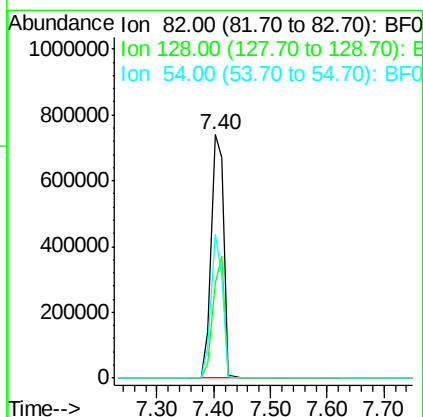
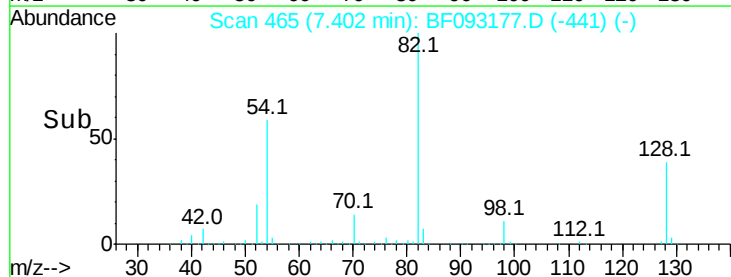
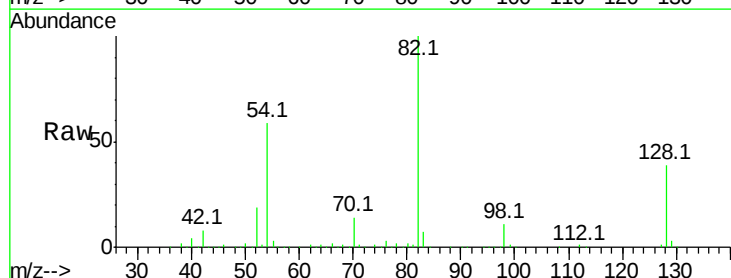
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#23
Nitrobenzene-d5
Concen: 103.98 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093177.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.3	34.6	52.0	
54	59.0	39.5	59.3	





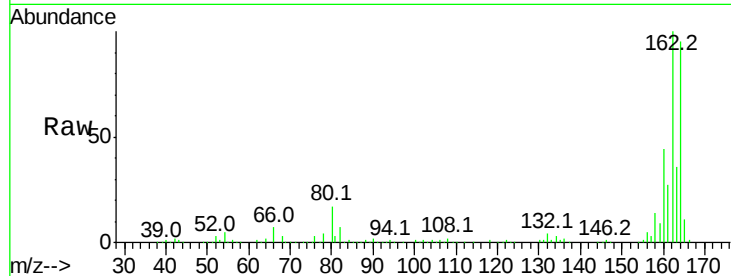
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

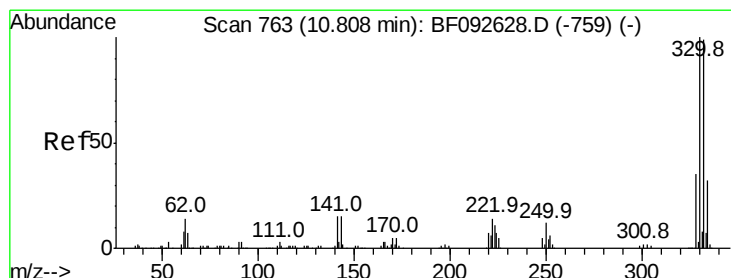
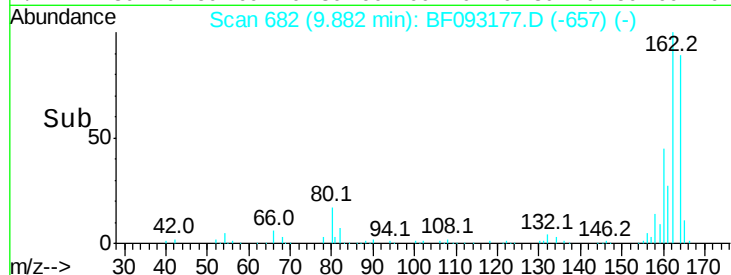
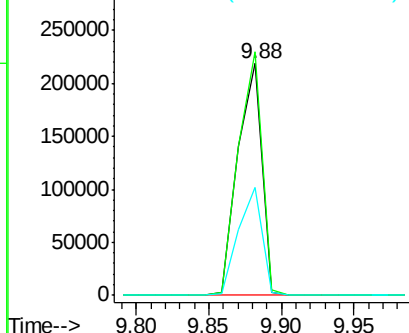
Tot Ion	Ratio	Resp	Lower	Upper
164	100	251289		
162	105.1	80.2	120.2	
160	46.7	36.9	55.3	

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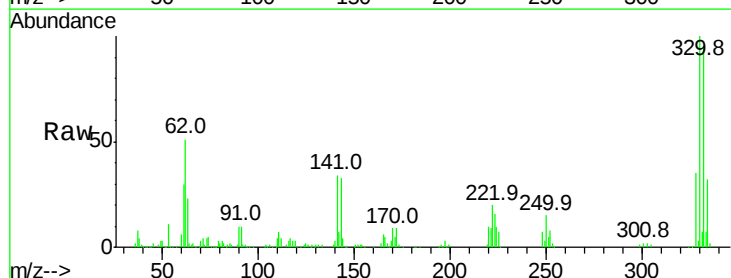


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

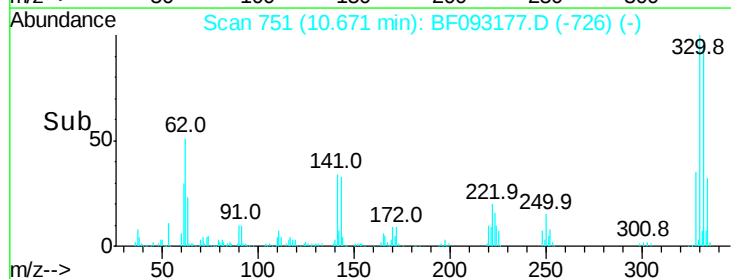
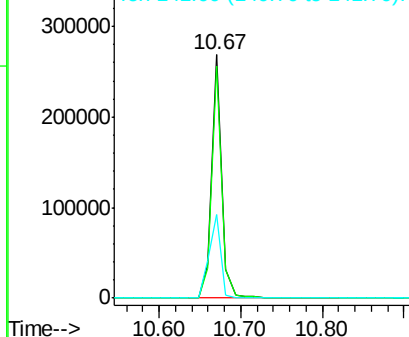


#41
2,4,6-Tribromophenol
Concen: 130.97 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238027		
332	95.4	77.4	116.2	
141	40.5	34.1	51.1	



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





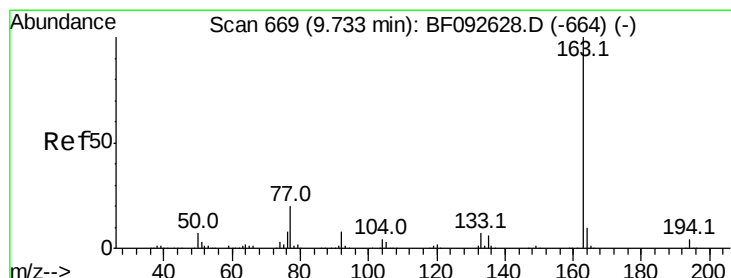
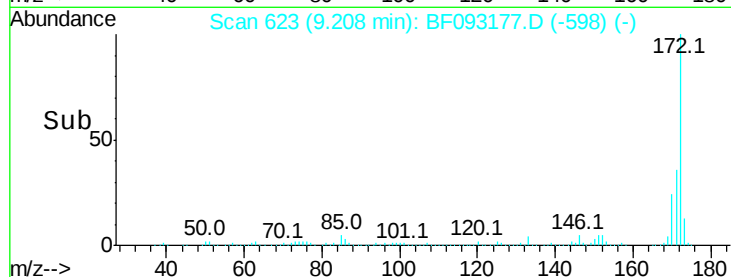
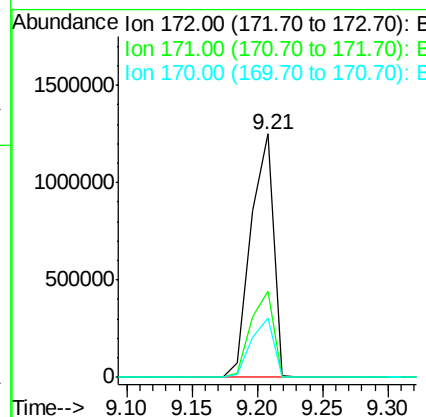
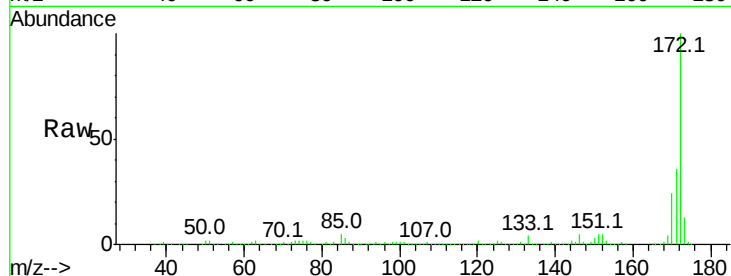
#44
 2-Fluorobiphenyl
 Concen: 108.92 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093177.D
 Acq: 25 Feb 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.2	20.2	30.4

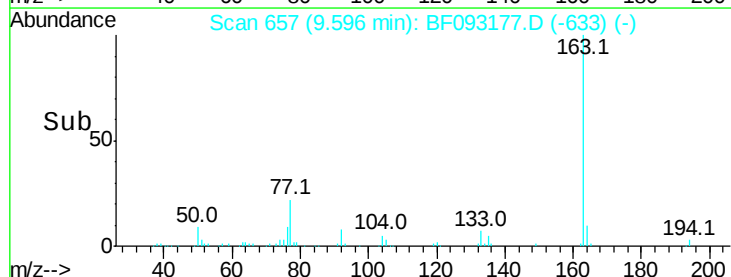
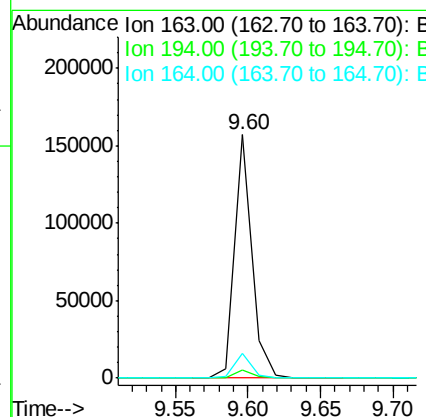
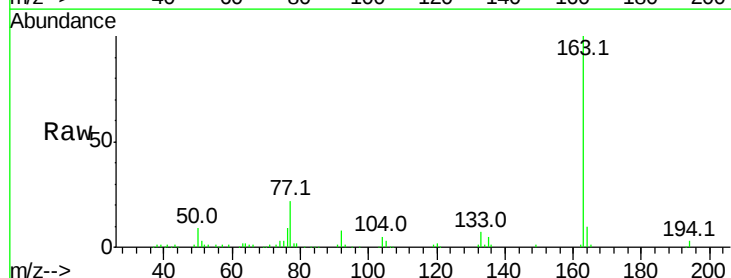
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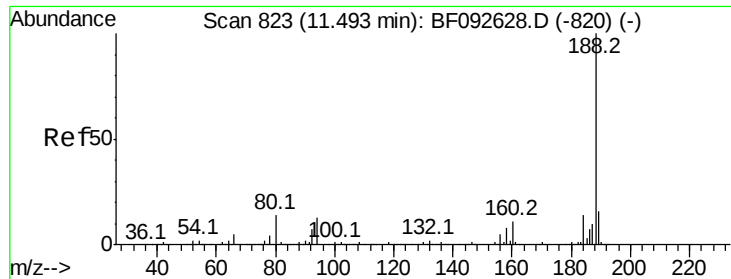
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#49
 Dimethylphthalate
 Concen: 7.73 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093177.D
 Acq: 25 Feb 2017 7:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0





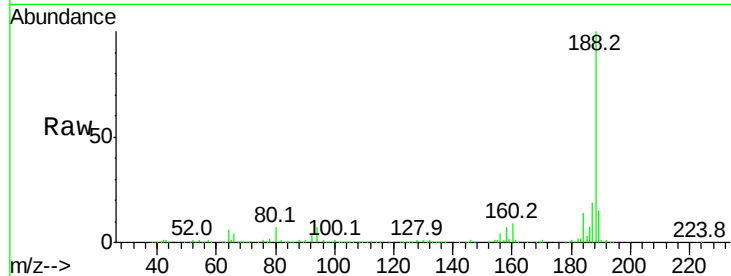
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.4	10.0	15.0#	
80	7.3	11.2	16.8#	

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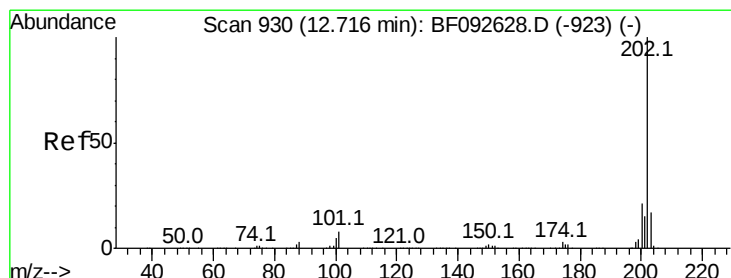
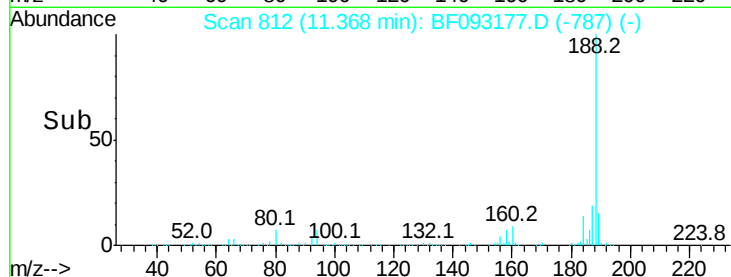
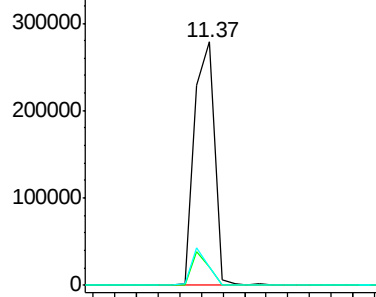
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Abundance Ion 188.00 (187.70 to 188.70): E

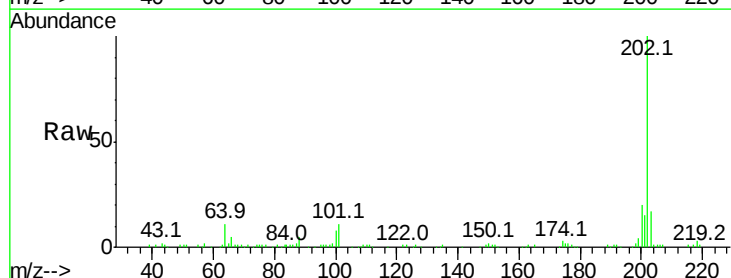
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74
Fluoranthene
Concen: 3.91 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

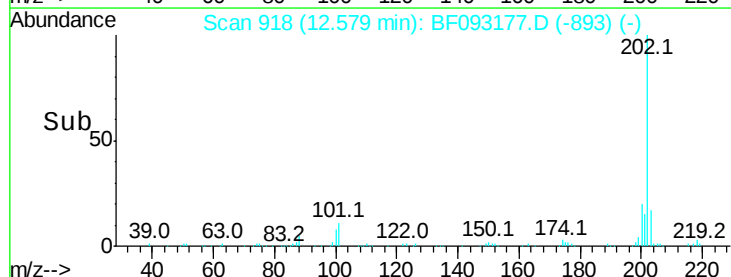
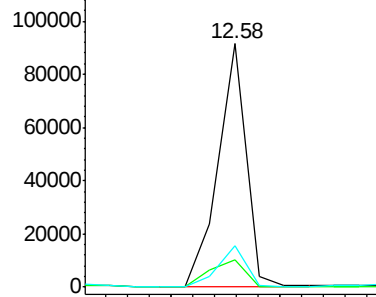
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.2	0.0	34.6	
203	17.0	0.0	38.7	

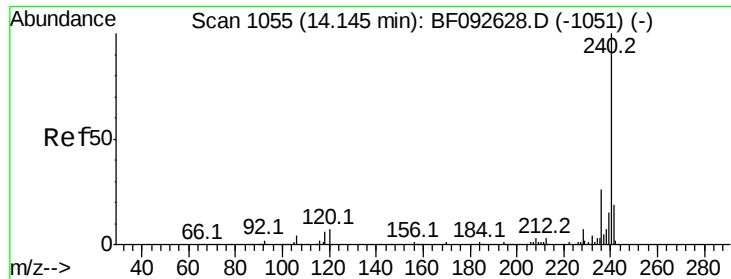


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Instrument :

BNA_F

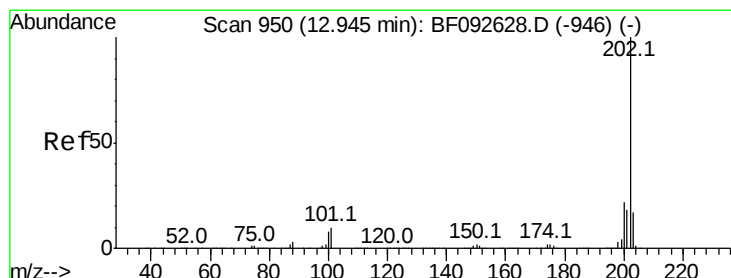
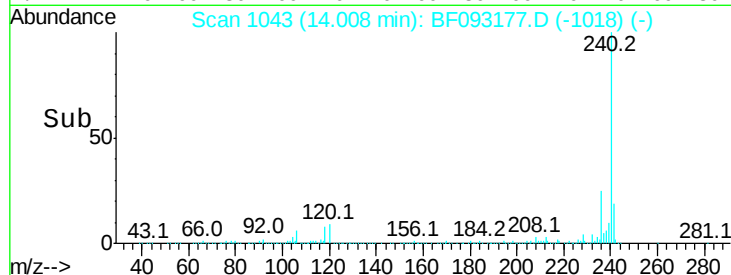
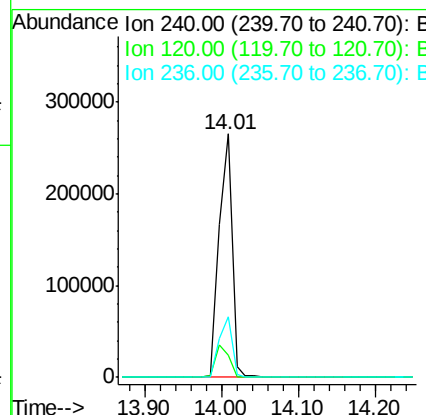
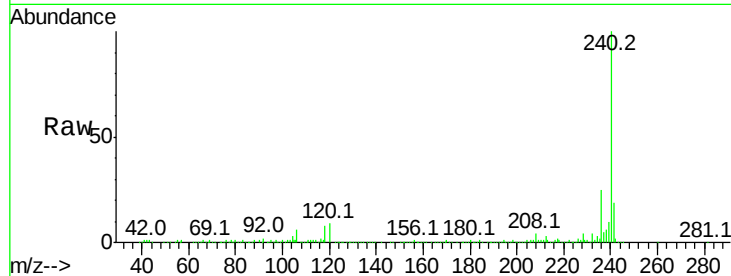
ClientSampleId :

E2-Y5N-SW

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	12.9	19.3#
236	25.1	20.9	31.3

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#77

Pyrene

Concen: 4.00 ng

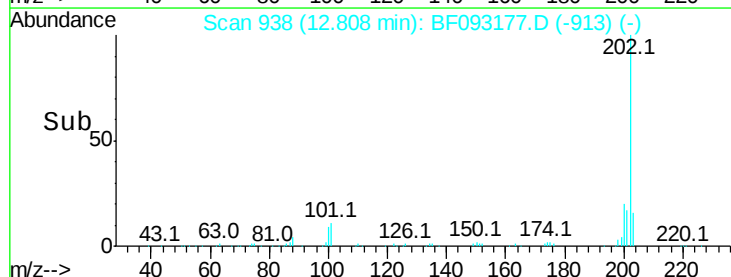
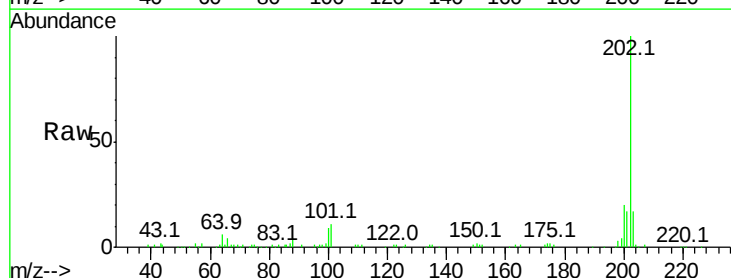
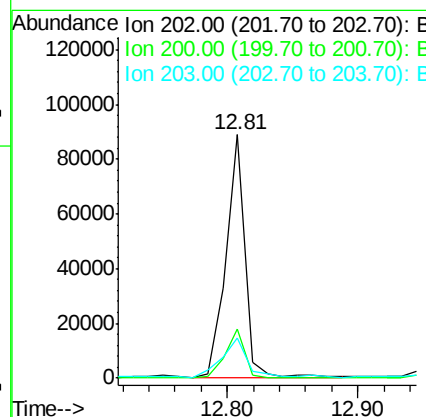
RT: 12.81 min Scan# 938

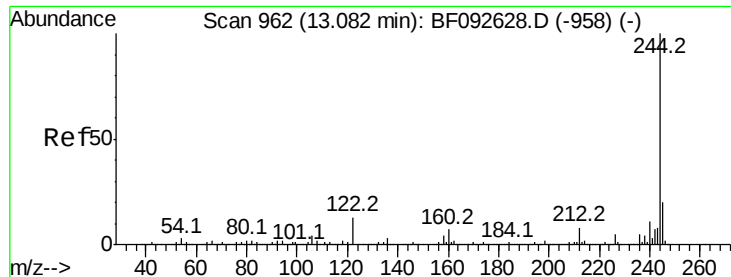
Delta R.T. -0.01 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	16.6	14.7	22.1





#78

Terphenyl-d14

Concen: 66.08 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Instrument :

BNA_F

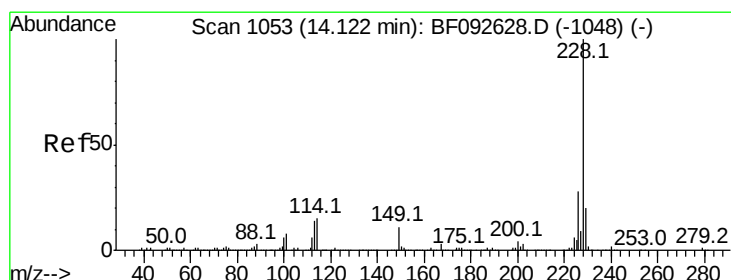
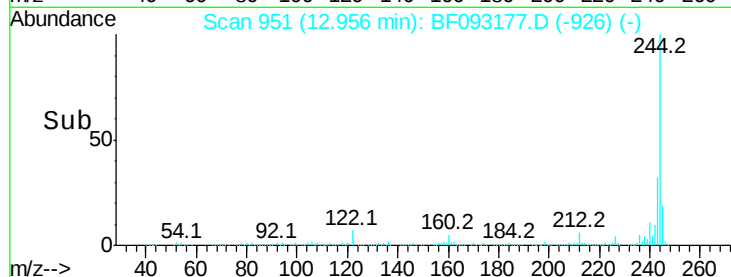
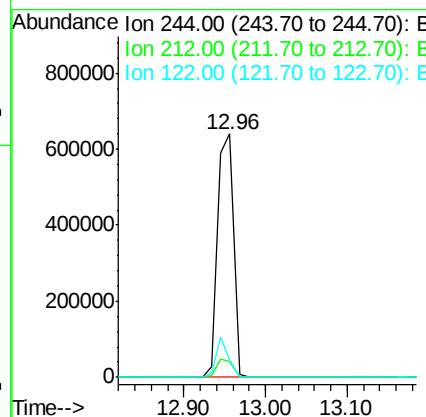
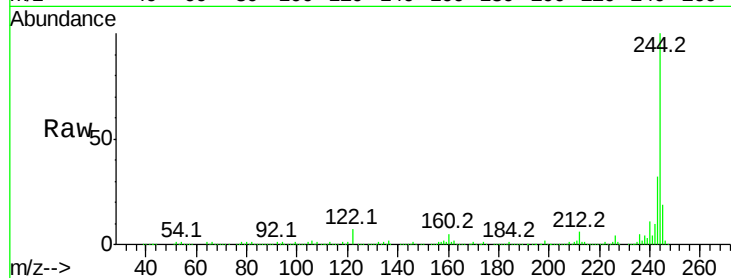
ClientSampleId :

E2-Y5N-SW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	6.8	11.4	17.2#

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#80

Benzo(a)anthracene

Concen: 3.50 ng

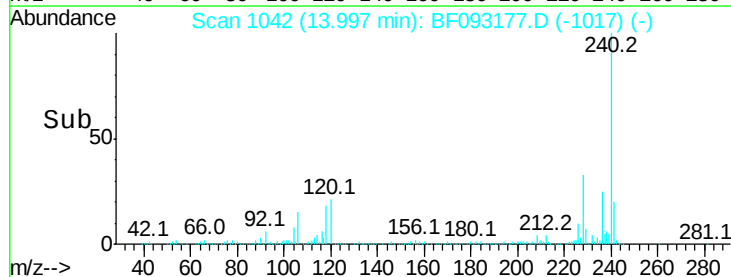
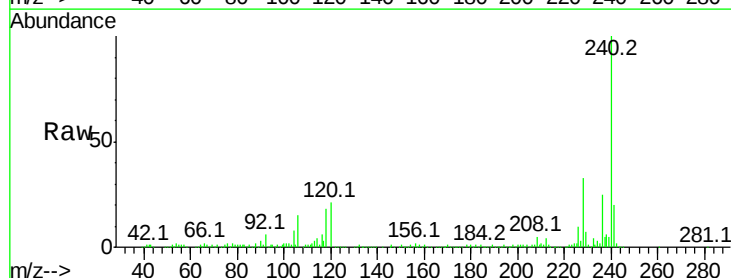
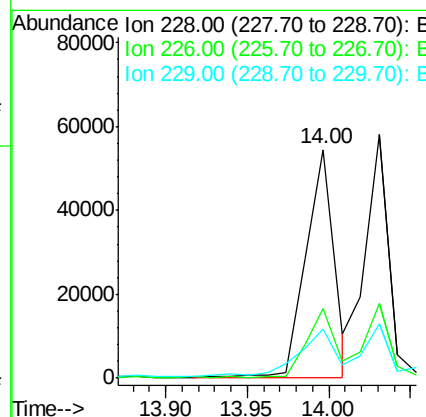
RT: 14.00 min Scan# 1042

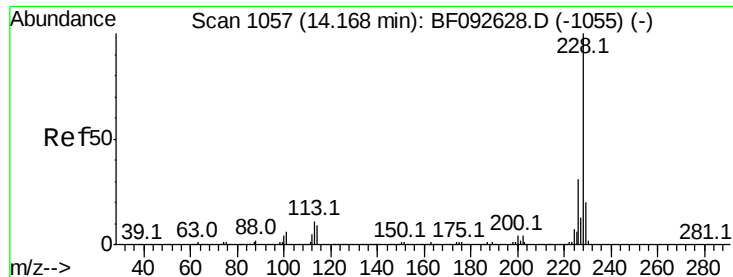
Delta R.T. -0.01 min

Lab File: BF093177.D

Acq: 25 Feb 2017 7:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.4	33.6
229	21.5	16.2	24.4





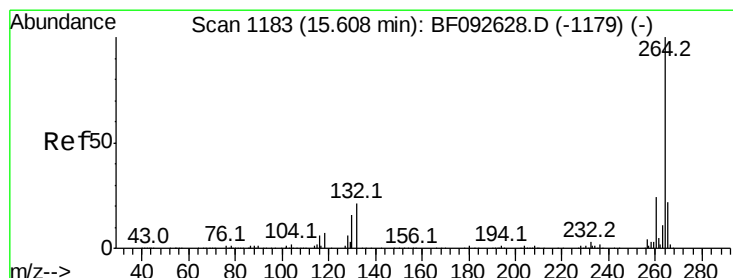
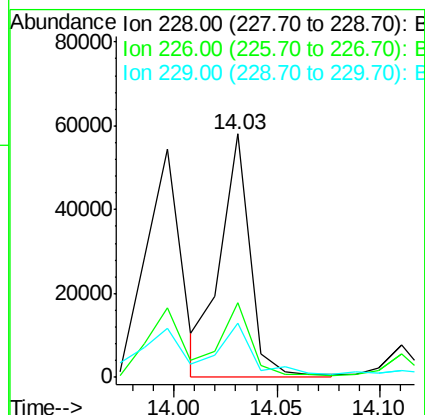
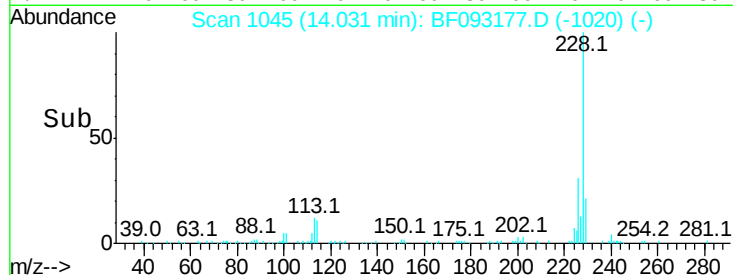
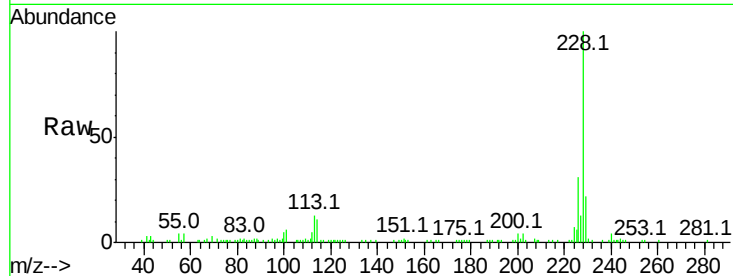
#82
Chrysene
Concen: 3.32 ng/ml
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

Tot Ion:	228	Resp:	58951
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.4	38.0
229	22.4	16.2	24.2

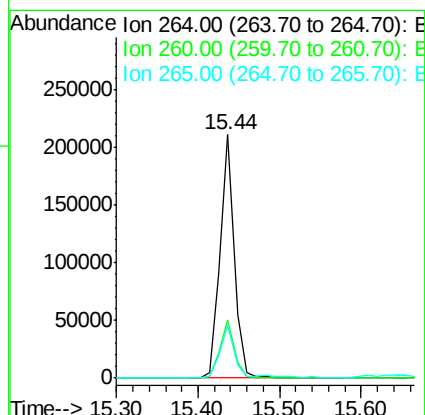
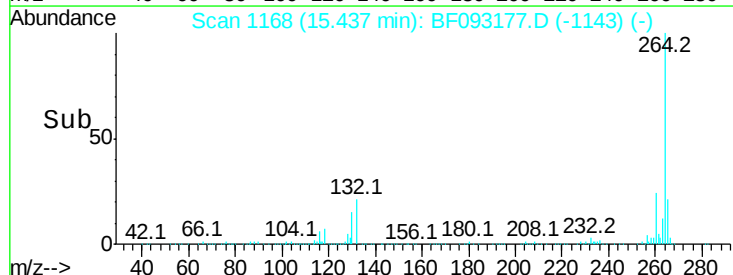
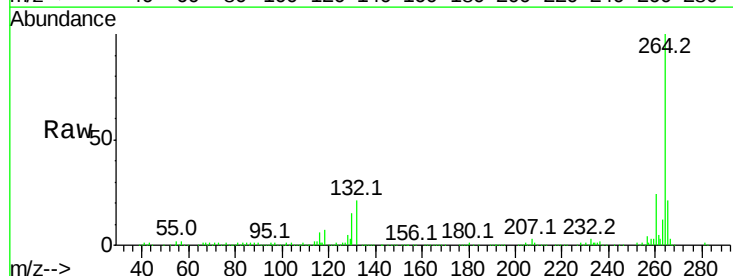
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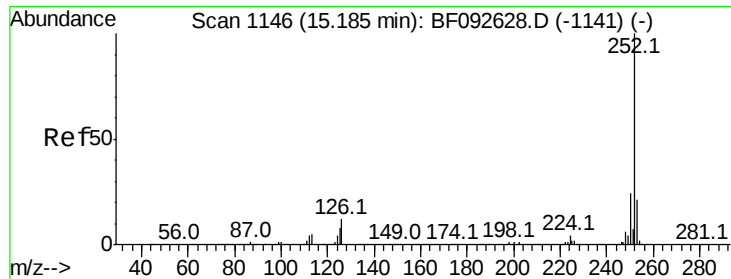
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Tgt Ion:	264	Resp:	255763
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.5	17.4	26.0





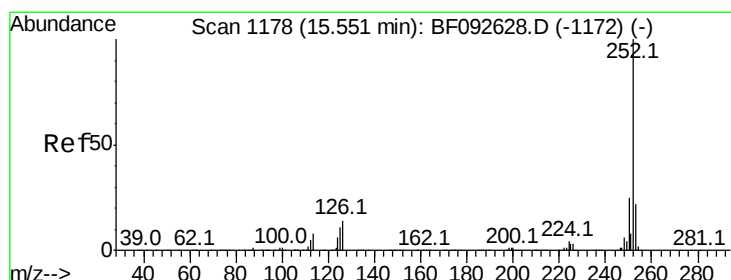
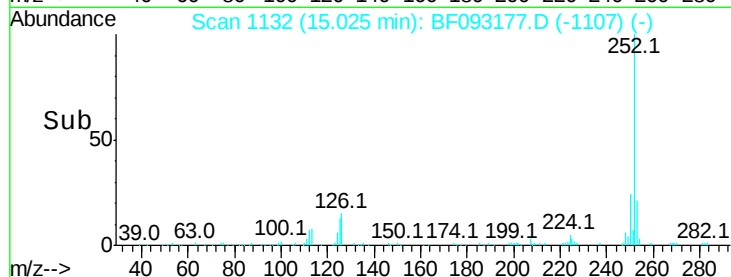
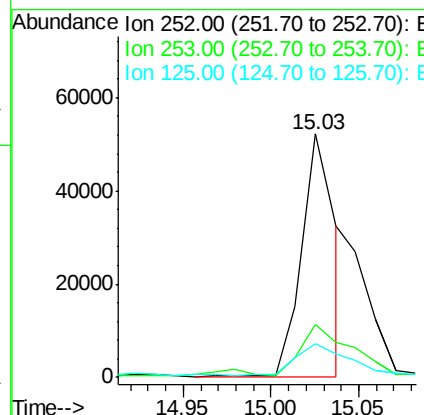
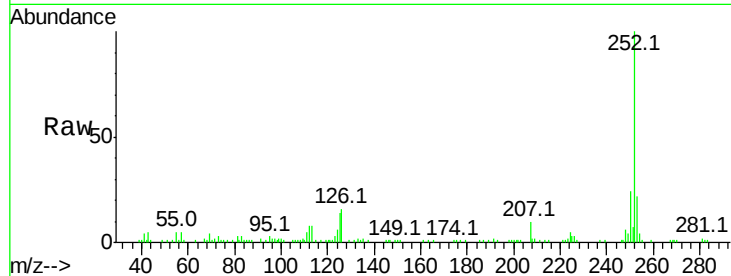
#87
Benzo(b)fluoranthene
Concen: 4.14 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	14.0	9.8	14.6

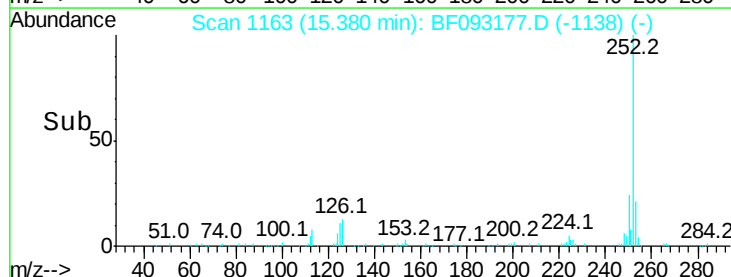
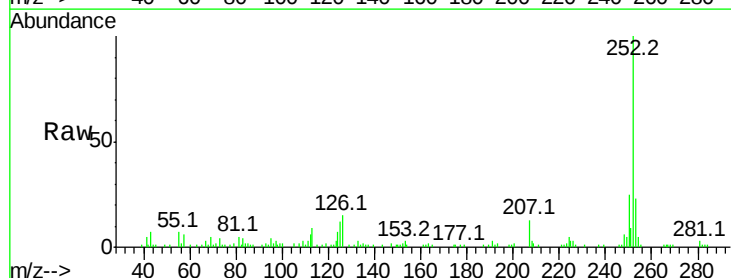
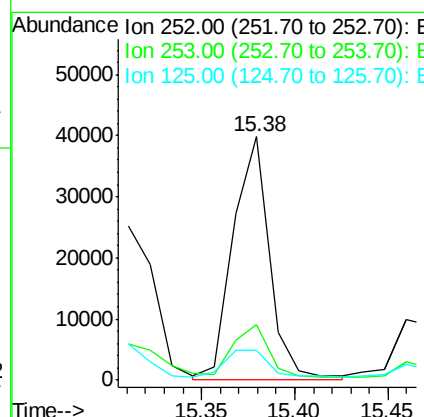
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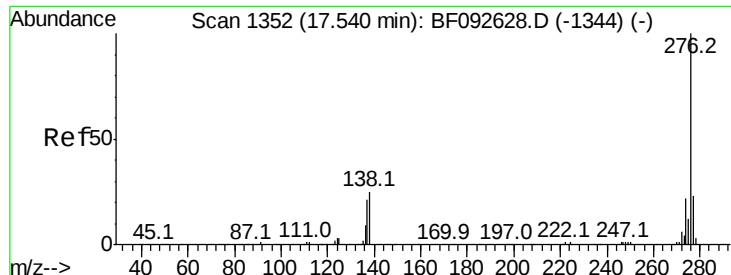
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#89
Benzo(a)pyrene
Concen: 3.74 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093177.D
Acq: 25 Feb 2017 7:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.5	10.0	15.0





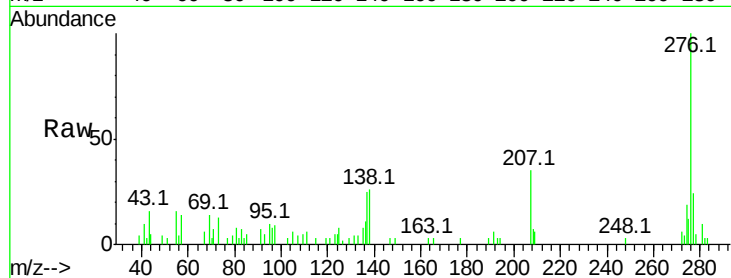
#91
 Benzo(a,h,i)perylene
 Concen: 2.14 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093177.D
 Acq: 25 Feb 2017 7:56

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.6	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

