

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092660.D
 Acq On : 31 Jan 2017 3:27
 Operator : SJ/MA
 Sample : I1593-09 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8

Manual Integrations
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Quant Time: Jan 31 06:57:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	145435	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	526343	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	262880	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	339946	20.00	ng	0.00
75) Chrysene-d12	14.13	240	280075	20.00	ng	-0.01
86) Perylene-d12	15.62	264	210226	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	707819	83.50	ng	0.00
7) Phenol-d6	6.60	99	833119	76.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	509382	53.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	111569	58.68	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	719845	49.61	ng	-0.01
78) Terphenyl-d14	13.08	244	449804	37.74	ng	0.00
Target Compounds						
10) Phenol	6.61	94	77592	6.08	ng	# 70
49) Dimethylphthalate	9.72	163	65253	3.69	ng	# 98
73) Di-n-butylphthalate	12.05	149	44665	2.21	ng	# 95
74) Fluoranthene	12.72	202	82180	4.09	ng	96
77) Pyrene	12.93	202	98615m	4.70	ng	
80) Benzo(a)anthracene	14.12	228	119790	6.99	ng	# 87
82) Chrysene	14.16	228	97143	6.06	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.11	149	168082	14.44	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.11	276	51130	4.12	ng	# 68
87) Benzo(b)fluoranthene	15.19	252	73316m	5.30	ng	
88) Benzo(k)fluoranthene	15.20	252	25482m	2.13	ng	
89) Benzo(a)pyrene	15.55	252	105911	8.85	ng	# 85
90) Dibenzo(a,h)anthracene	17.11	278	58066	6.00	ng	# 58
91) Benzo(a,h,i)perylene	17.55	276	74333	7.61	ng	# 80

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

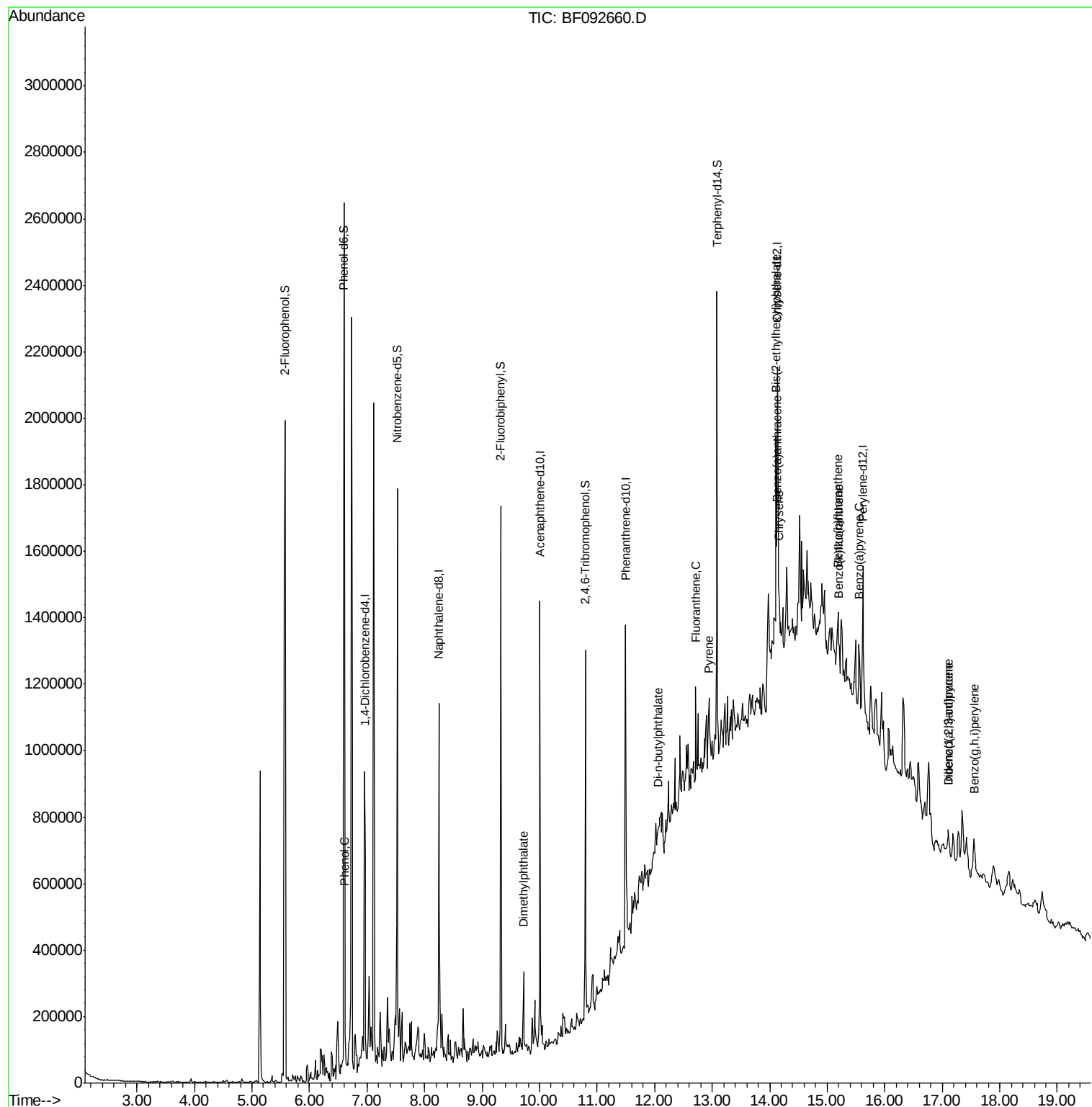
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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ALS Vial : 21 Sample Multiplier: 1

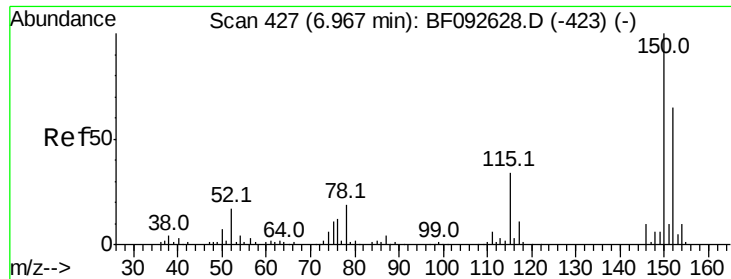
Instrument :
BNA_F
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B2-8

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#1

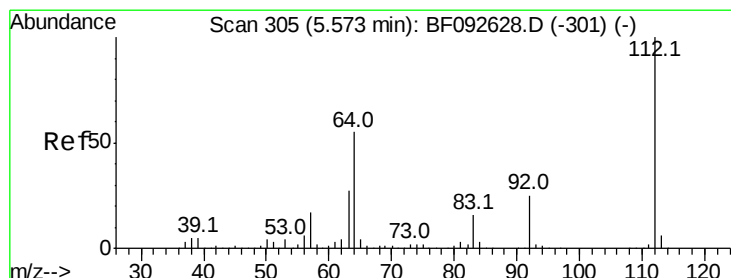
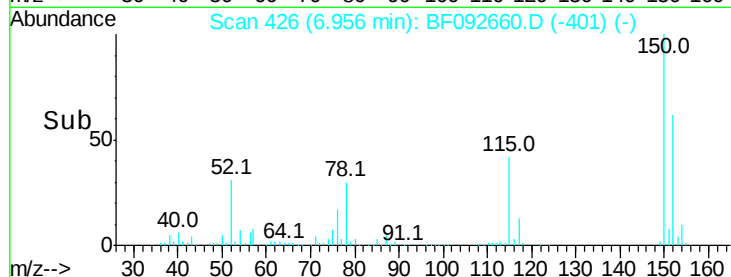
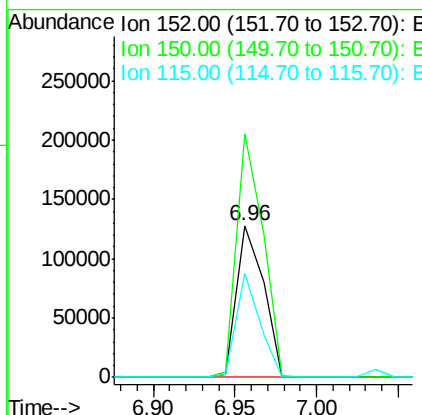
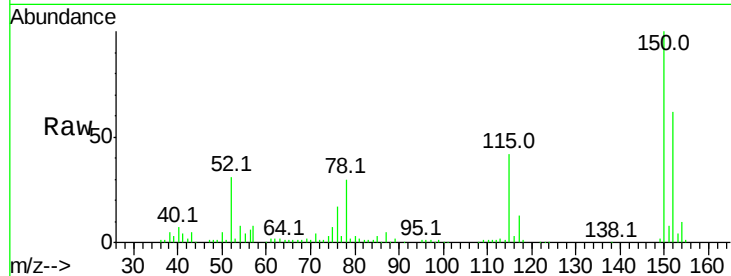
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampled :
B2-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	68.1	46.0	69.0

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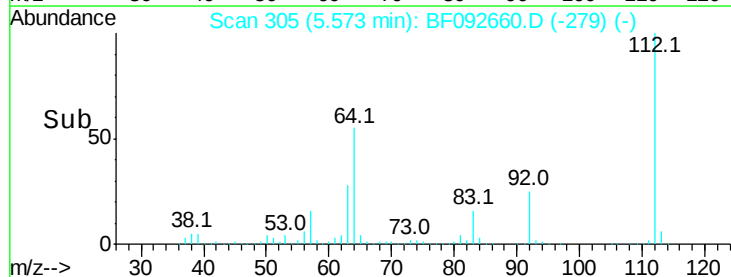
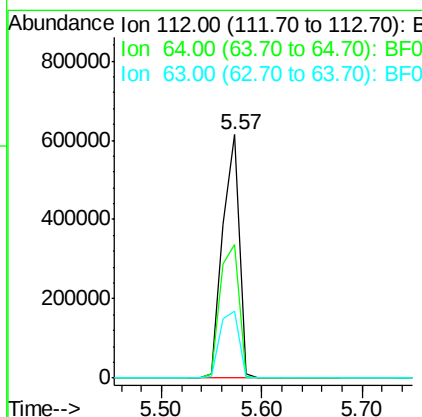
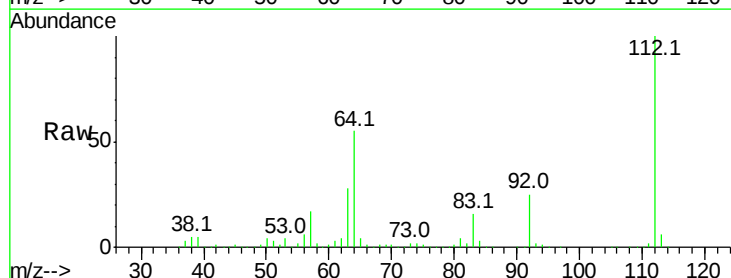
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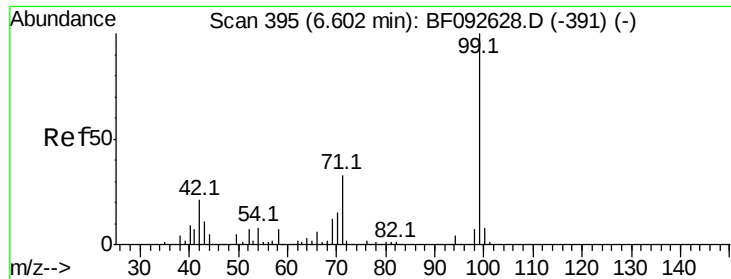


#5

2-Fluorophenol
Concen: 83.50 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.1	69.1
63	27.6	23.8	35.6





#7

Phenol-d6

Concen: 76.38 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Instrument :

BNA_F

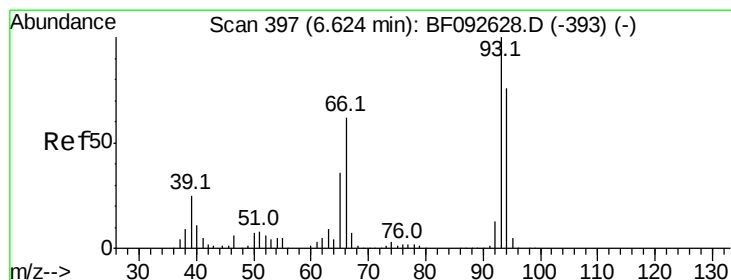
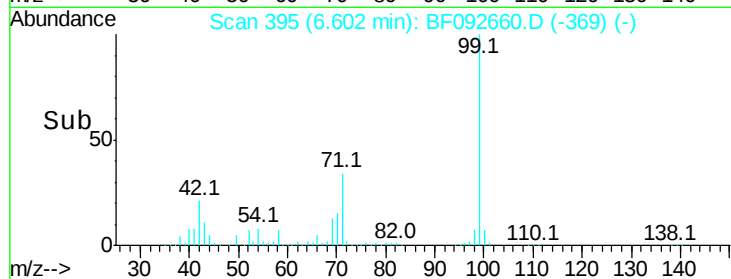
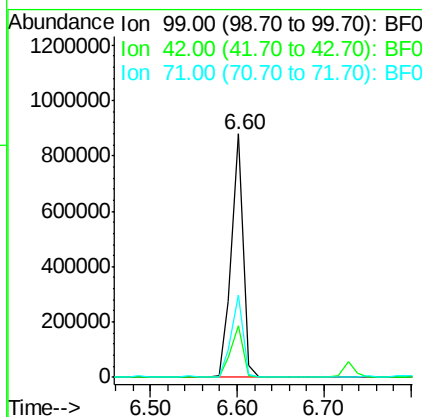
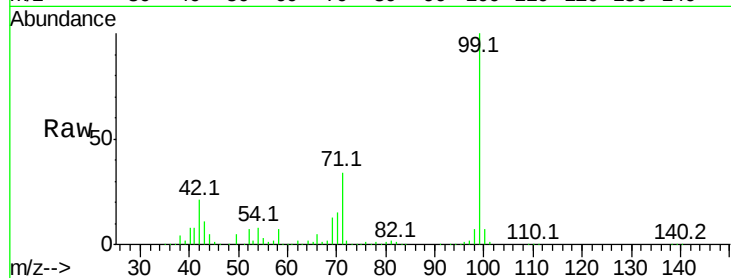
ClientSampled :

B2-8

Tot Ion:	99	Resp:	833119
Ion Ratio	Lower	Upper	
99	100		
42	21.3	15.6	23.4
71	33.8	27.5	41.3

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#10

Phenol

Concen: 6.08 ng

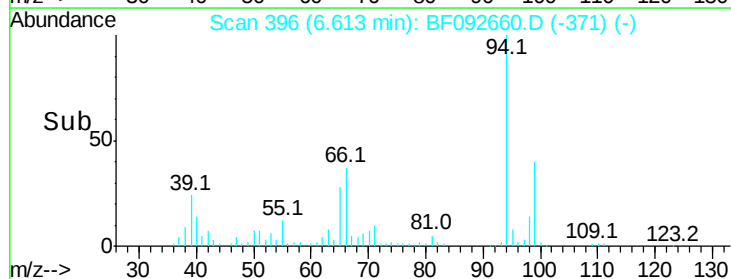
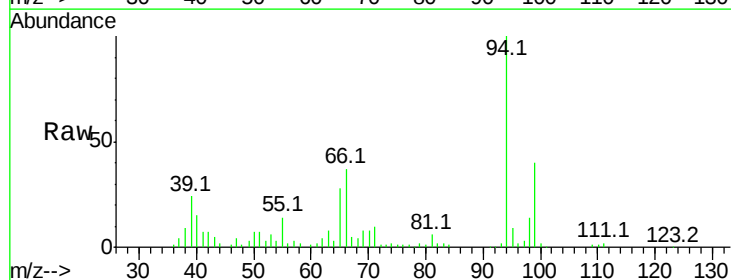
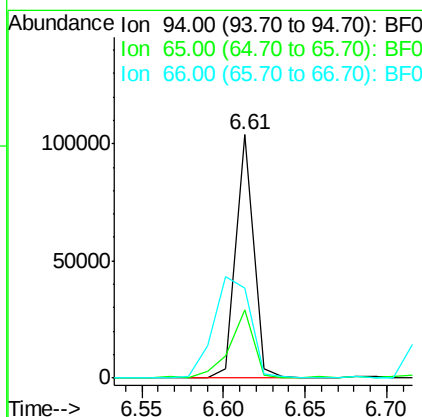
RT: 6.61 min Scan# 396

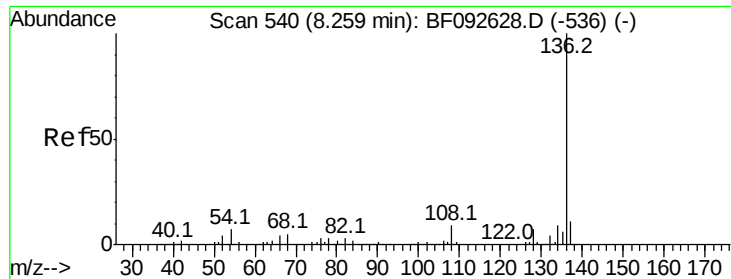
Delta R.T. -0.01 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Tgt Ion:	94	Resp:	77592
Ion Ratio	Lower	Upper	
94	100		
65	28.0	21.4	61.4
66	36.8	44.0	84.0#





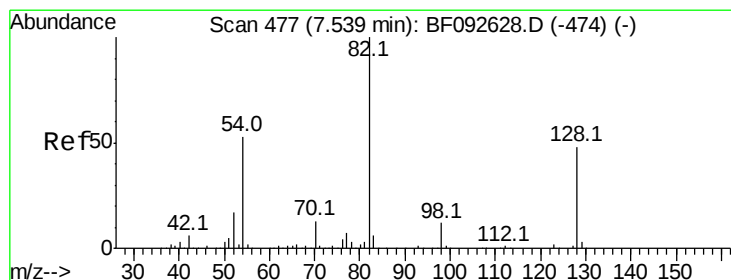
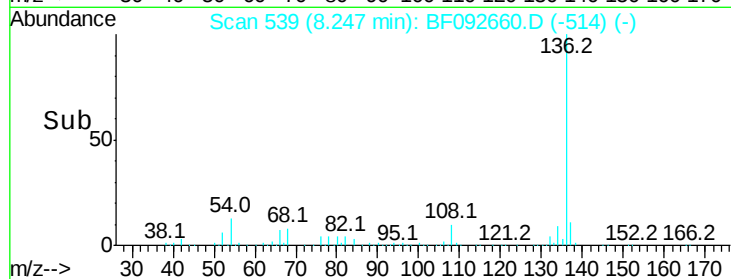
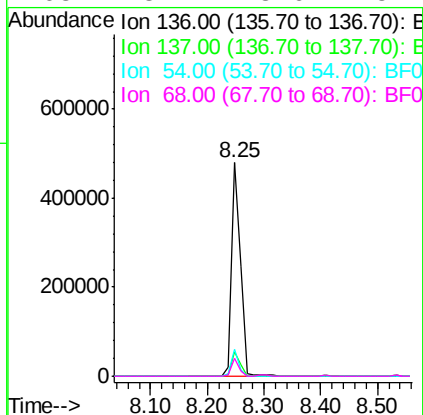
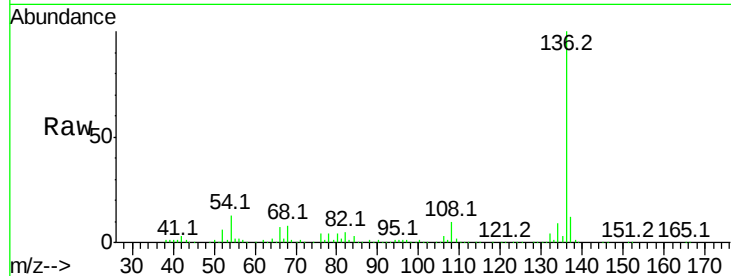
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	8.4	12.6
54	12.8	4.5	6.7#
68	8.1	3.6	5.4#

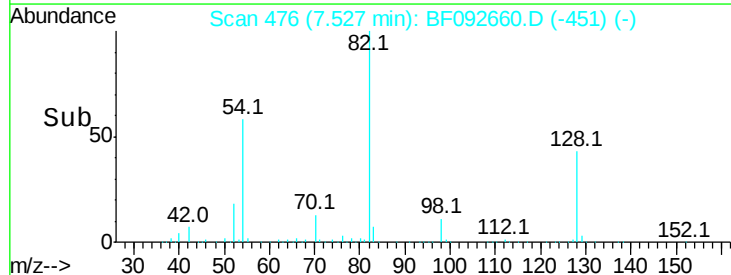
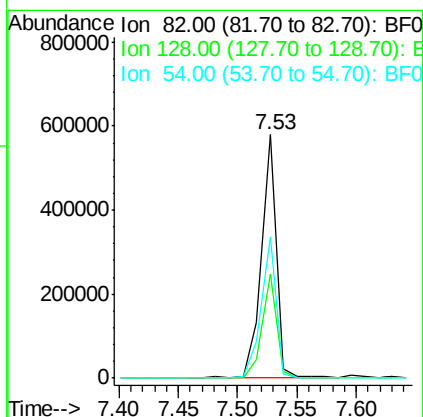
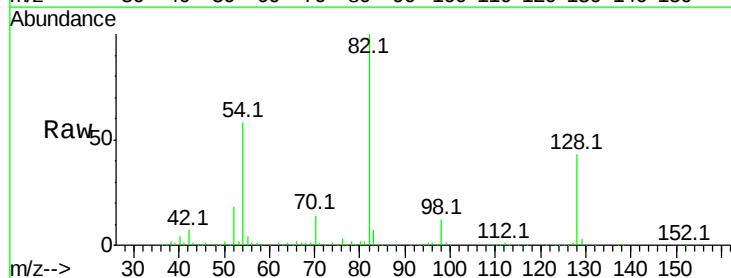
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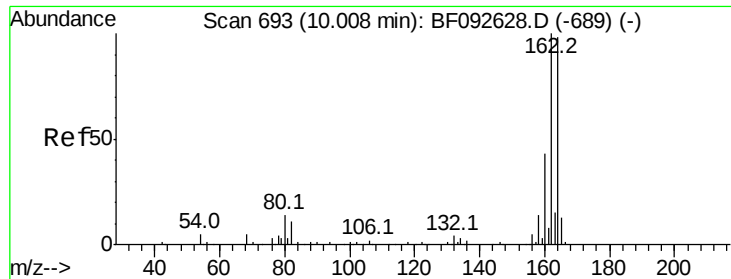
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#23
Nitrobenzene-d5
Concen: 53.89 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.6	34.6	52.0
54	57.9	39.5	59.3





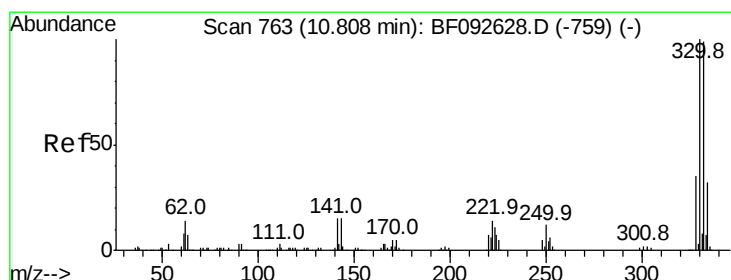
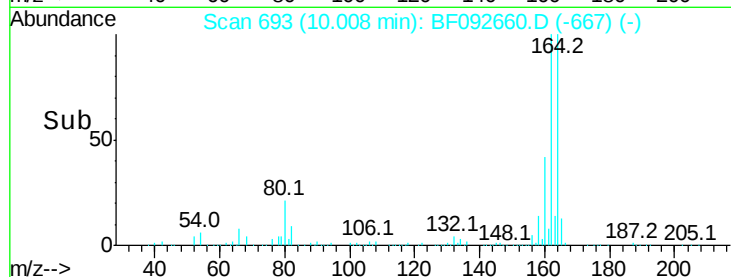
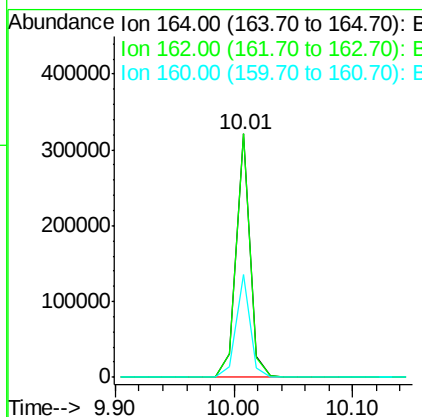
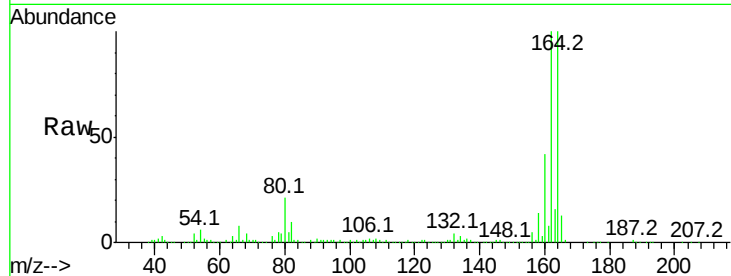
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion	Ratio	Resp	Lower	Upper
164	100	262880		
162	100.1	80.2	120.2	
160	42.2	36.9	55.3	

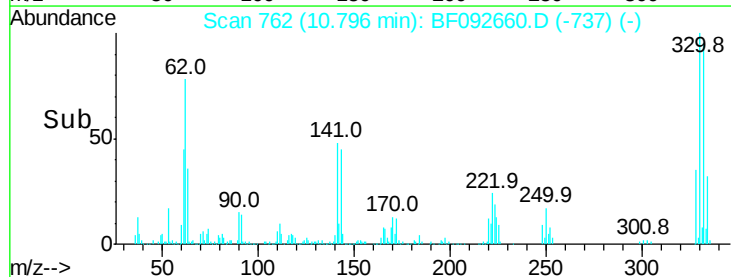
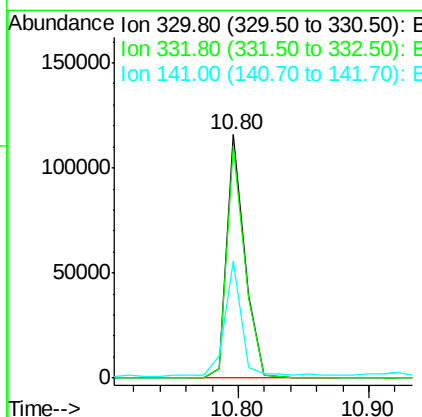
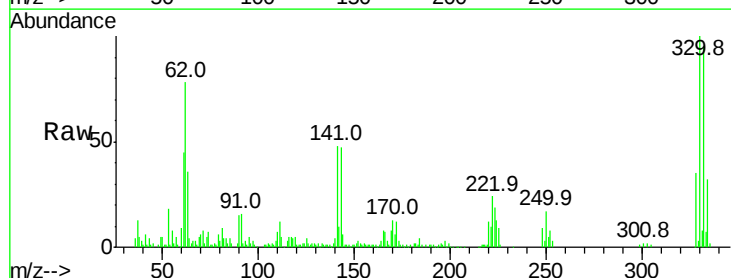
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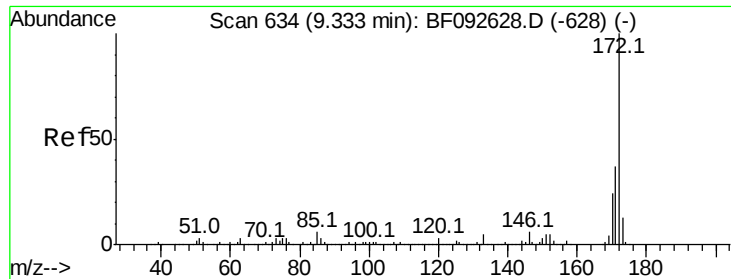
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#41
2,4,6-Tribromophenol
Concen: 58.68 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111569		
332	95.4	77.4	116.2	
141	44.8	34.1	51.1	





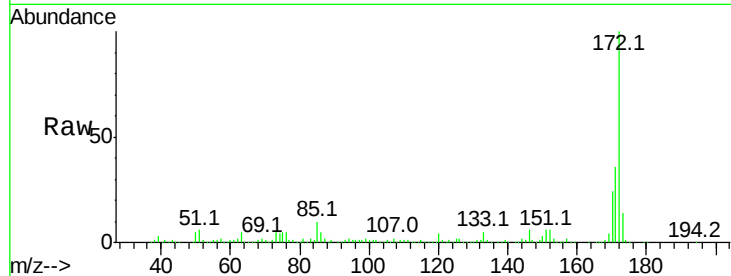
#44
2-Fluorobiphenyl
Concen: 49.61 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

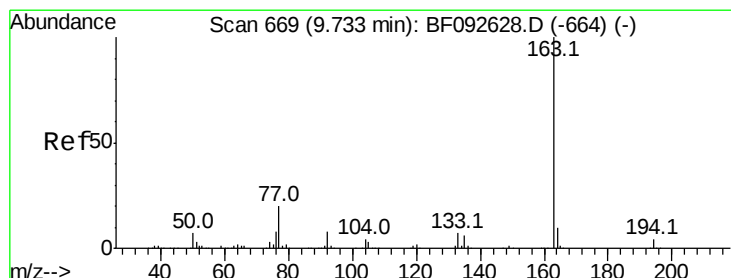
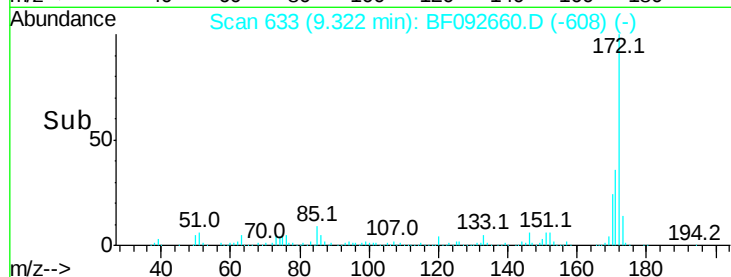
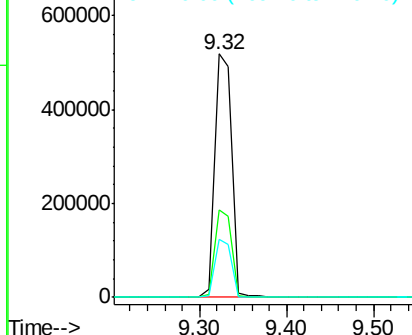
Tot Ion	Ratio	Resp	Lower	Upper
172	100	719845		
171	35.7		29.4	44.0
170	23.9		20.2	30.4

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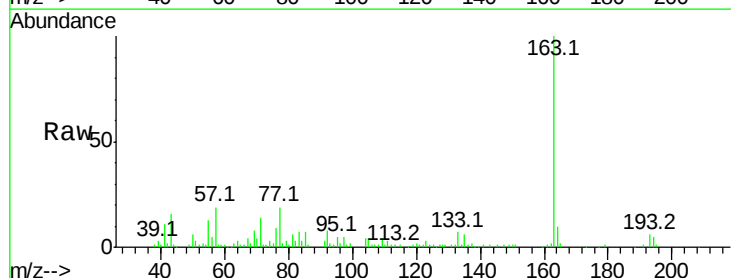


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

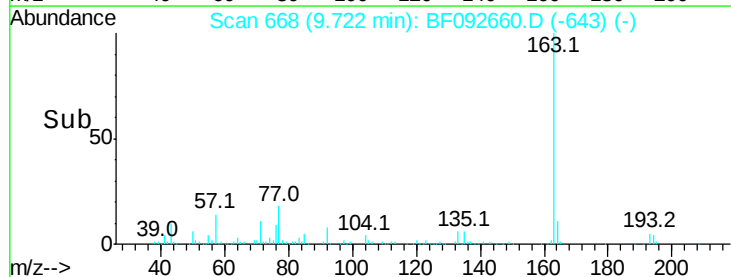
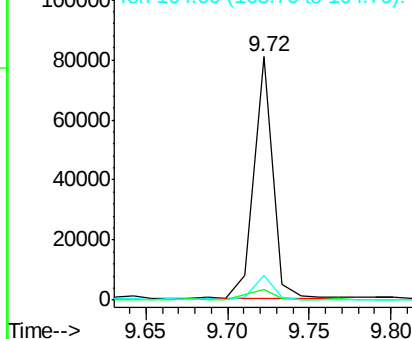


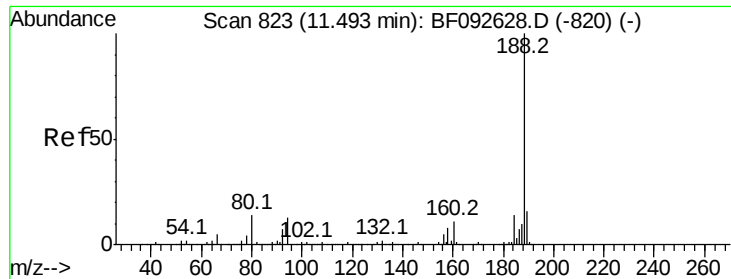
#49
Dimethylphthalate
Concen: 3.69 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	65253		
194	4.5		3.0	4.4#
164	10.4		8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Instrument :

BNA_F

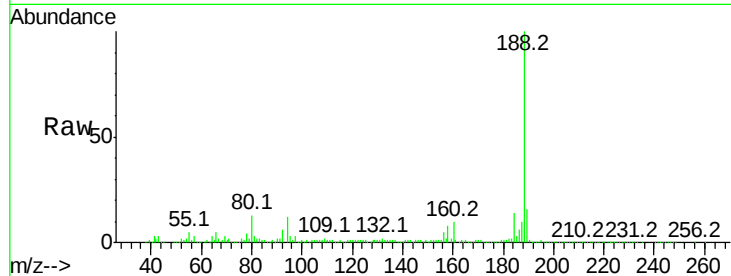
ClientSampled :

B2-8

Tot Ion:	188	Resp:	339946
Ion Ratio	Lower	Upper	
188	100		
94	12.5	10.0	15.0
80	13.0	11.2	16.8

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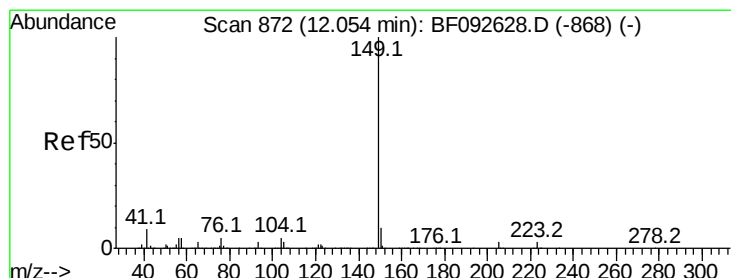
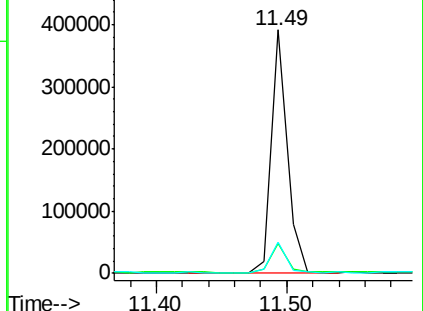
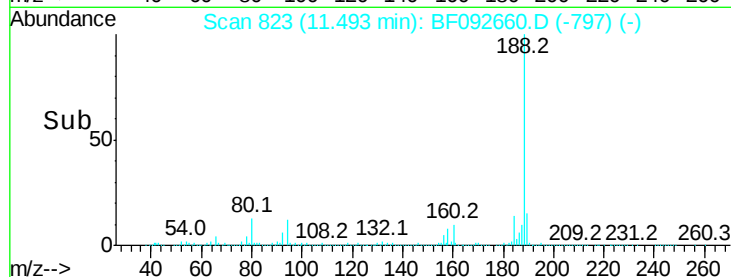
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#73

Di-n-butylphthalate

Concen: 2.21 ng

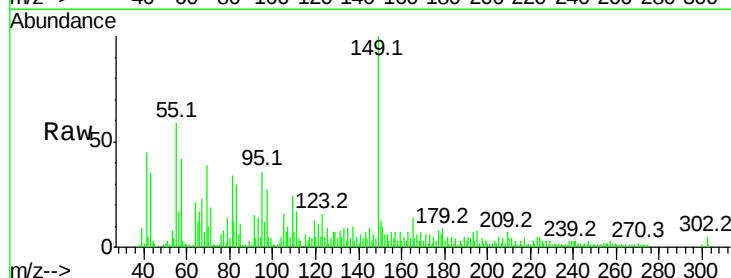
RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

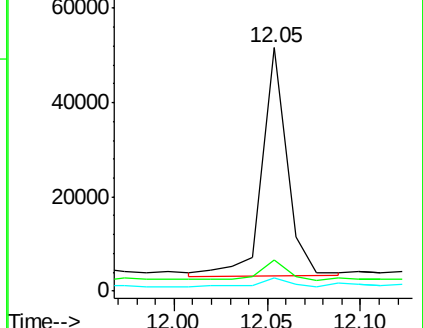
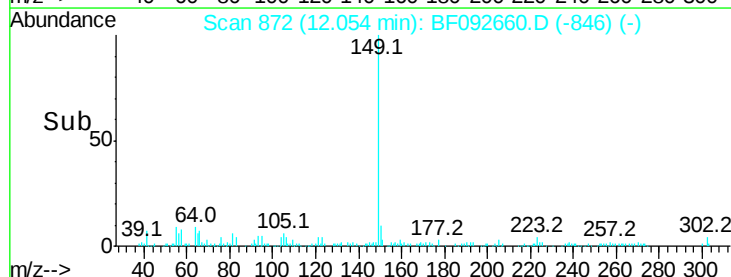
Tgt Ion:	149	Resp:	44665
Ion Ratio	Lower	Upper	
149	100		
150	12.9	8.1	12.1#
104	5.4	4.6	7.0

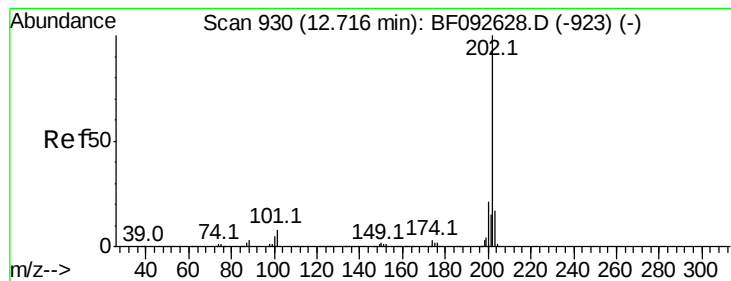


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.09 ng

RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Instrument :

BNA_F

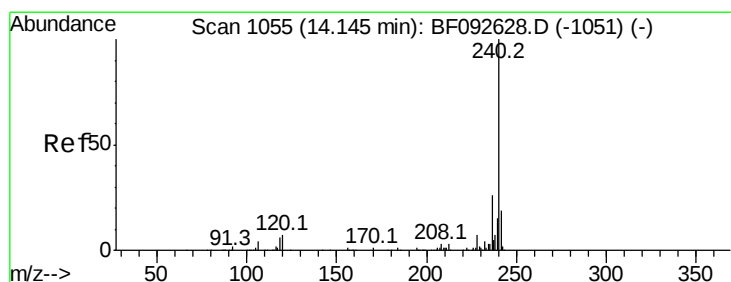
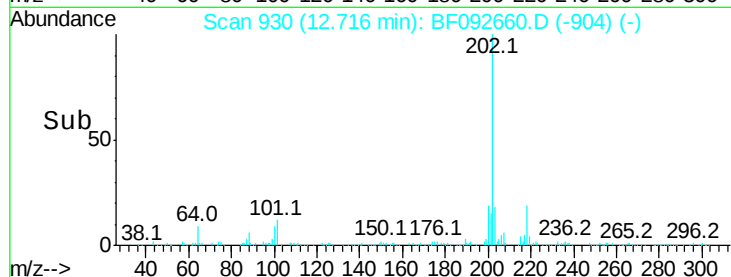
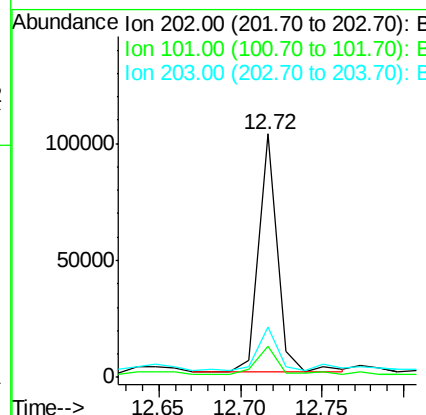
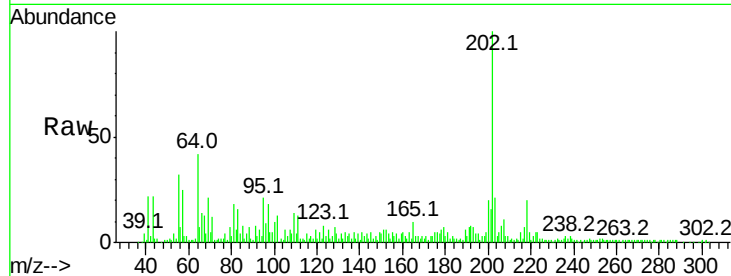
ClientSampleId :

B2-8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.6
203	20.7	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

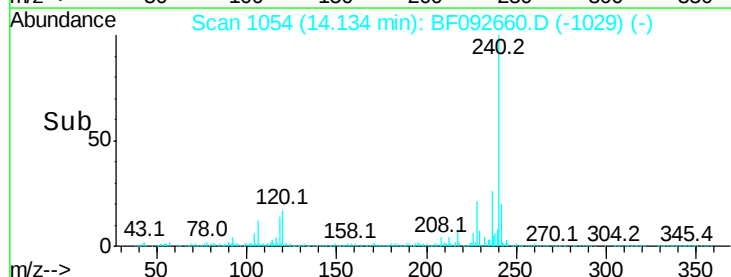
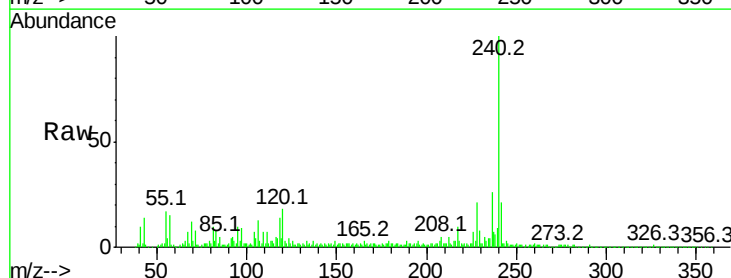
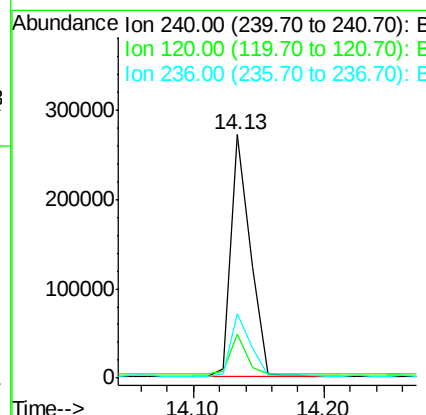
RT: 14.13 min Scan# 1054

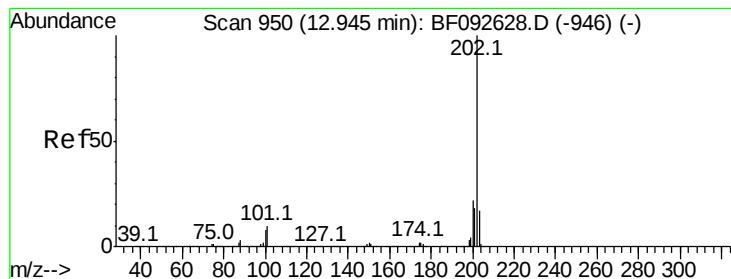
Delta R.T. -0.01 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.0	12.9	19.3
236	26.5	20.9	31.3





#77

Pvrene

Concen: 4.70 ng/mL

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Instrument :

BNA_F

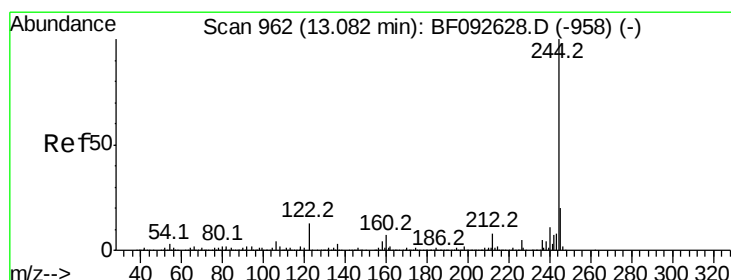
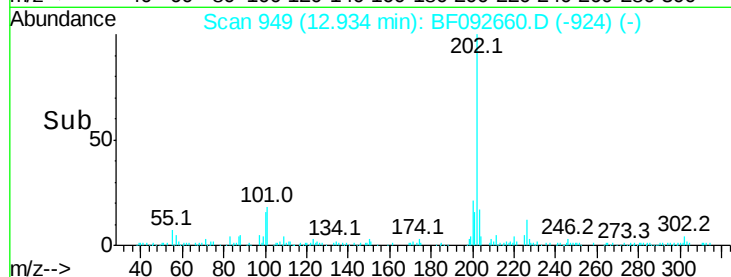
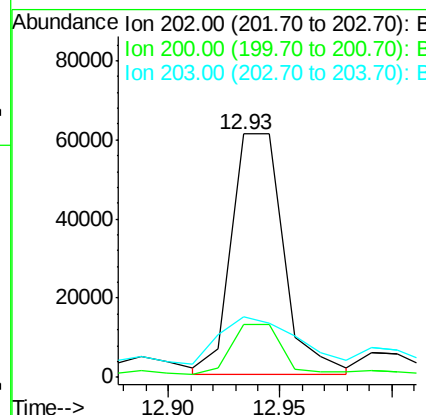
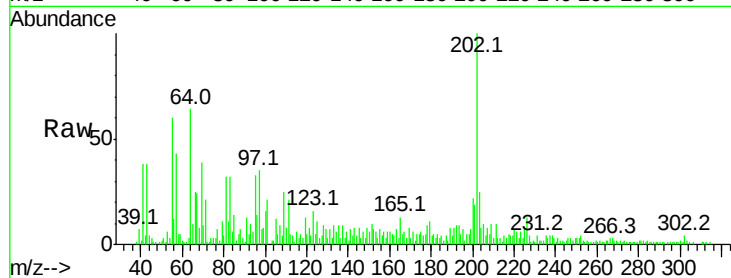
ClientSampleId :

B2-8

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	24.8	14.7	22.1

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#78

Terphenyl-d14

Concen: 37.74 ng/mL

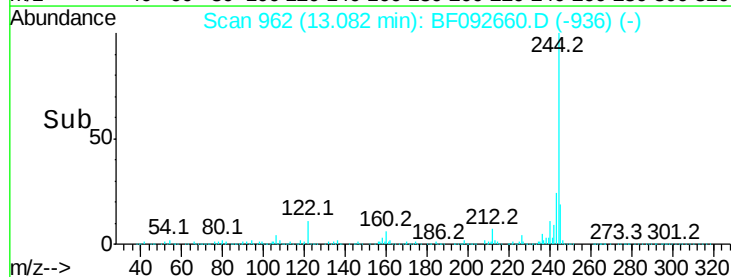
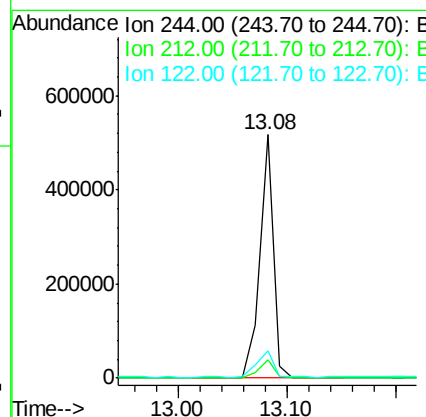
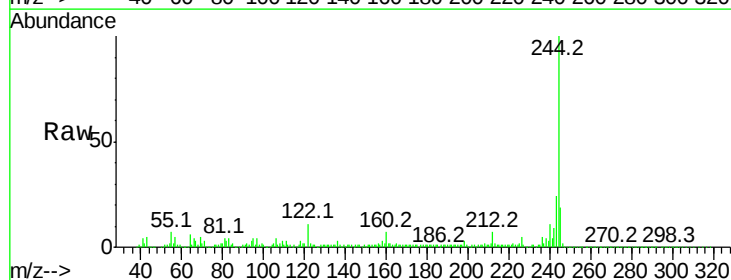
RT: 13.08 min Scan# 962

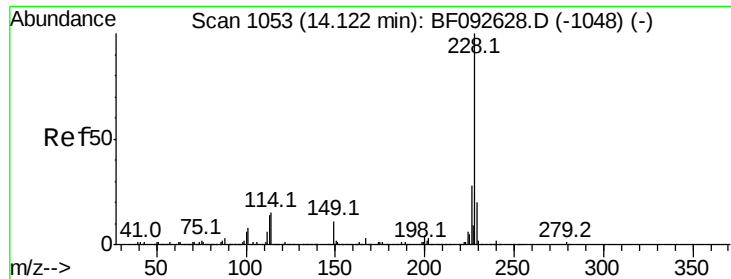
Delta R.T. 0.00 min

Lab File: BF092660.D

Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.1	11.4	17.2





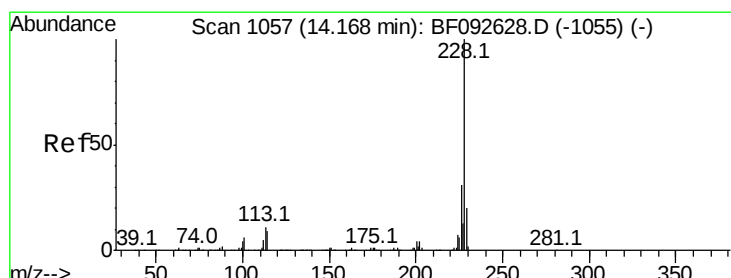
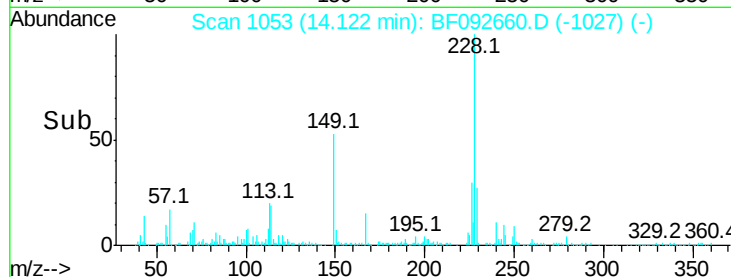
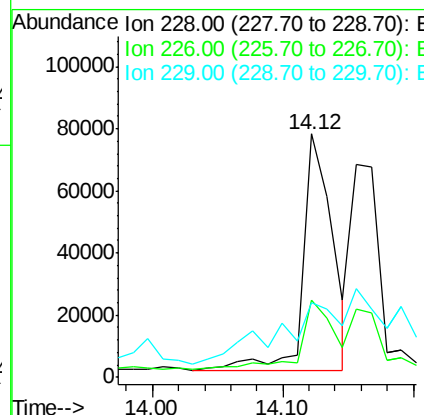
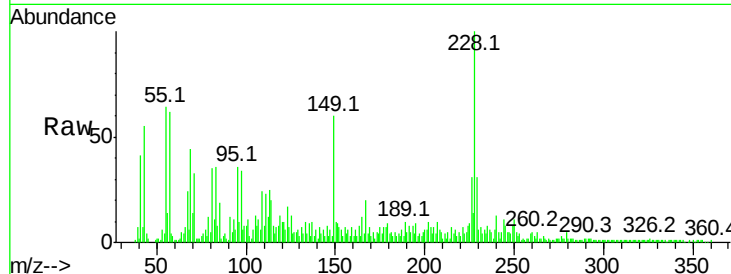
#80
Benzo(a)anthracene
Concen: 6.99 ng
RT: 14.12 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampled :
B2-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.4	33.6
229	30.8	16.2	24.4

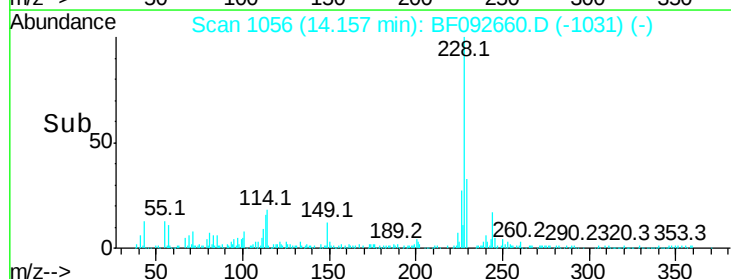
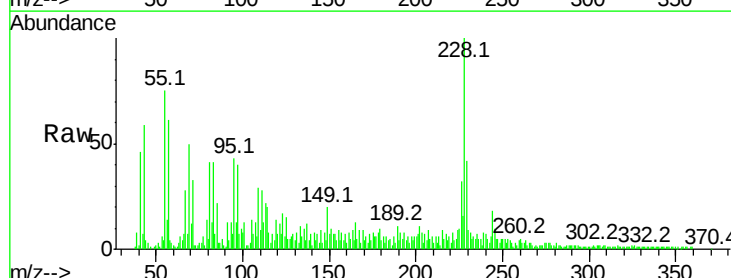
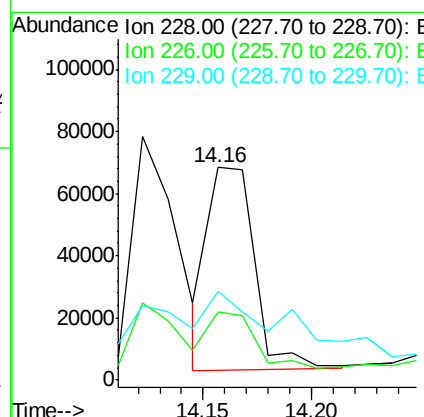
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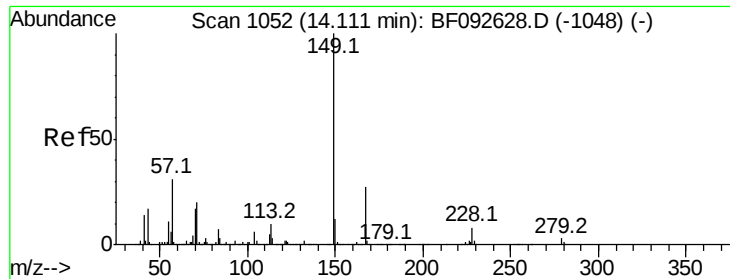
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#82
Chrysene
Concen: 6.06 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	41.7	16.2	24.2





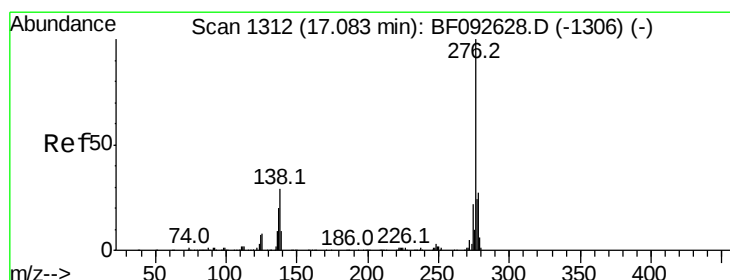
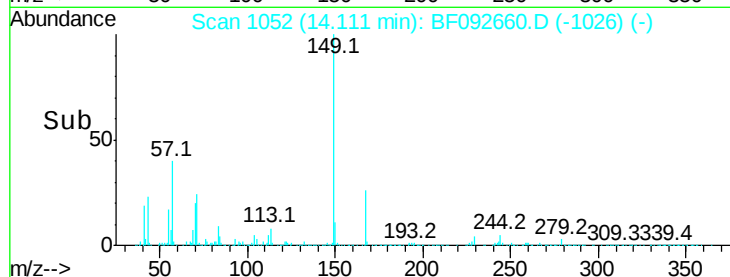
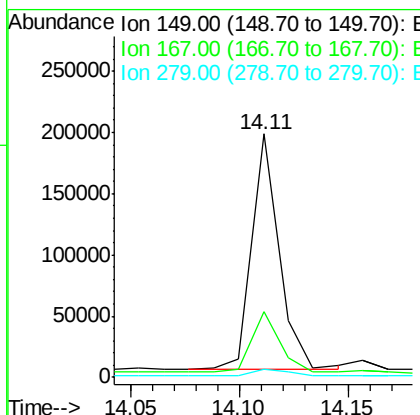
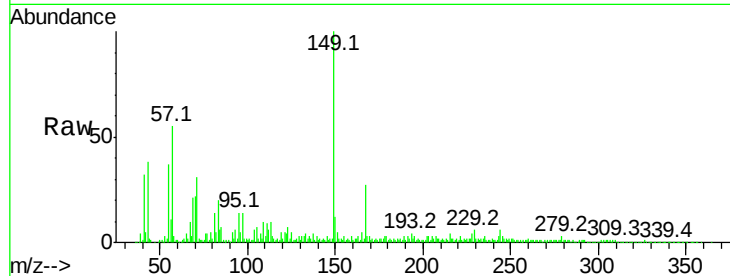
#83
Bis(2-ethylhexyl)phthalate
Concen: 14.44 ng
RT: 14.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.1	1.8	2.8

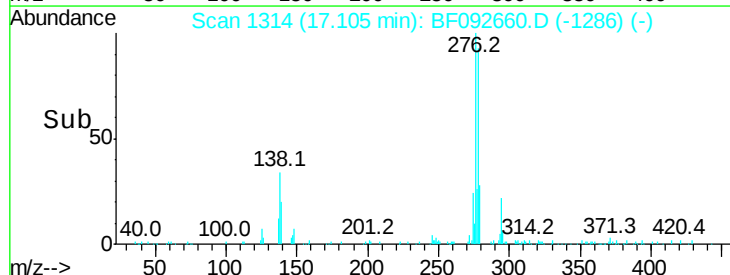
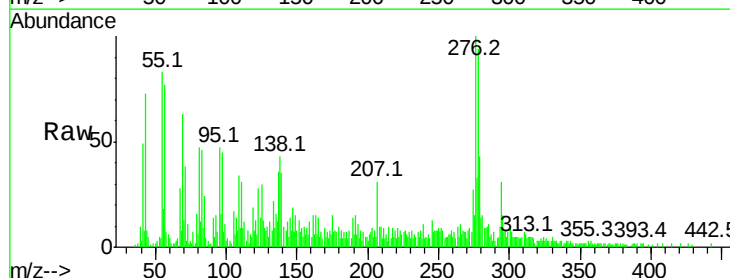
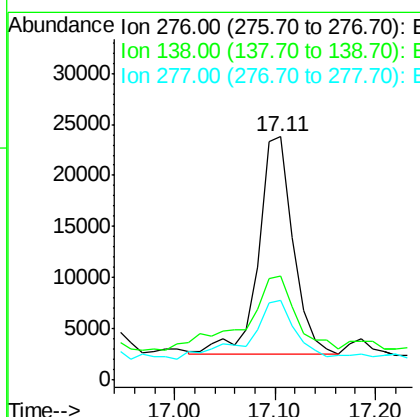
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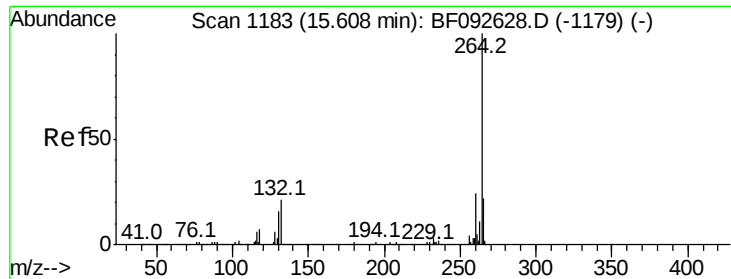
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.12 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	48.8	21.8	32.6
277	36.2	20.2	30.4





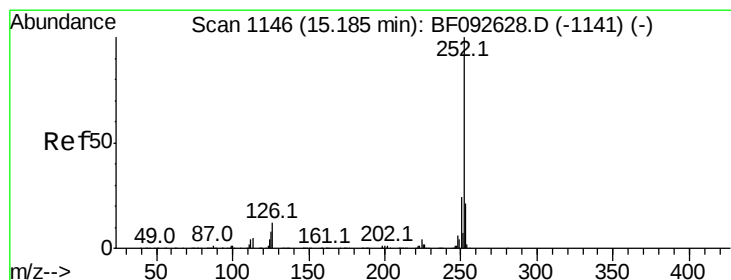
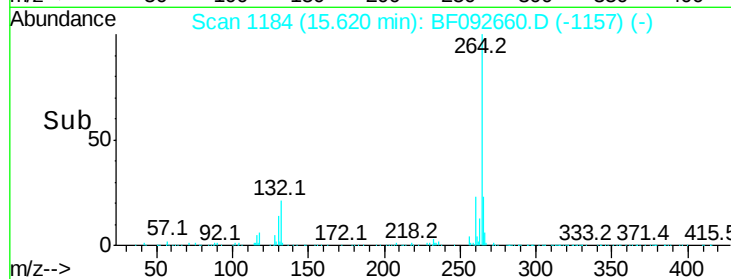
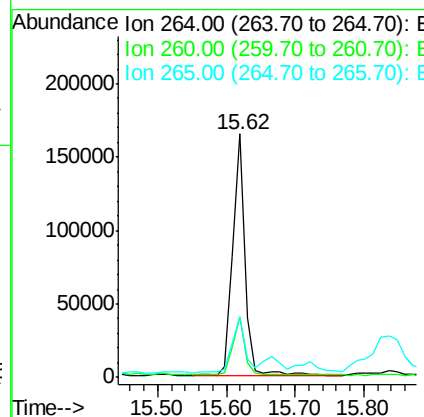
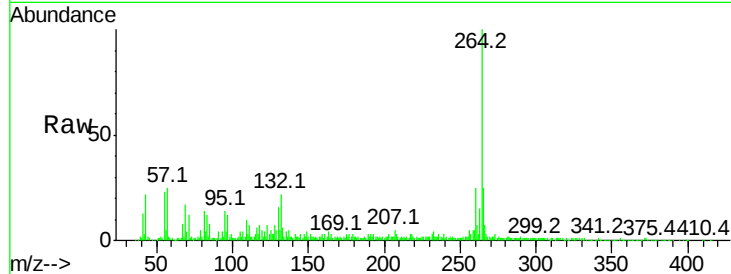
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	24.8	17.4	26.0

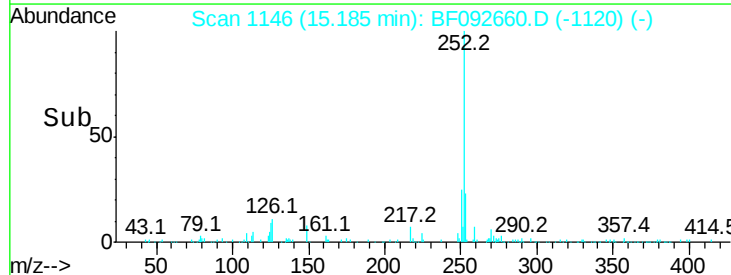
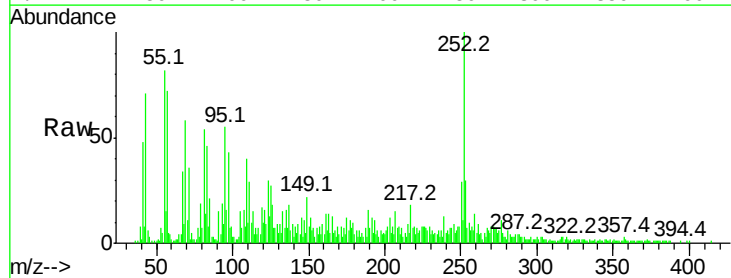
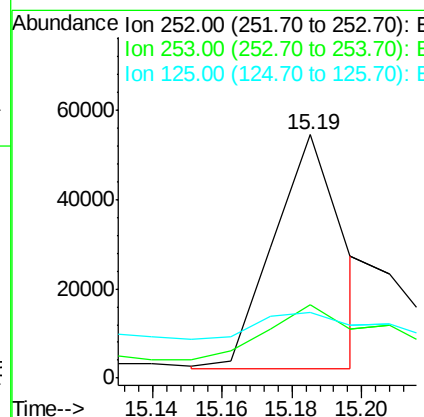
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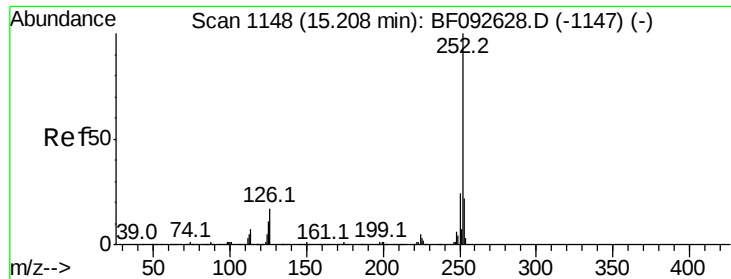
mohammad
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#87
Benzo(b)fluoranthene
Concen: 5.30 ng m
RT: 15.19 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.4#
125	26.9	9.8	14.6#





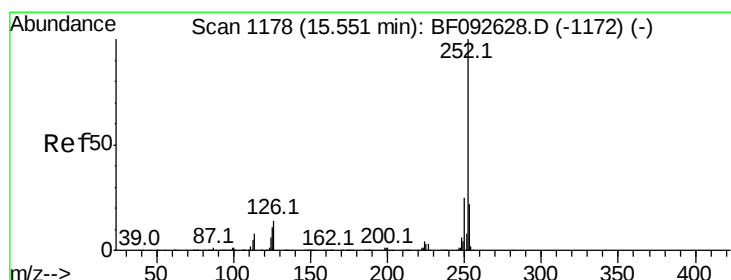
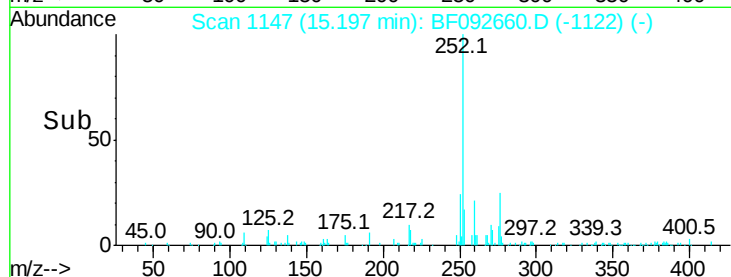
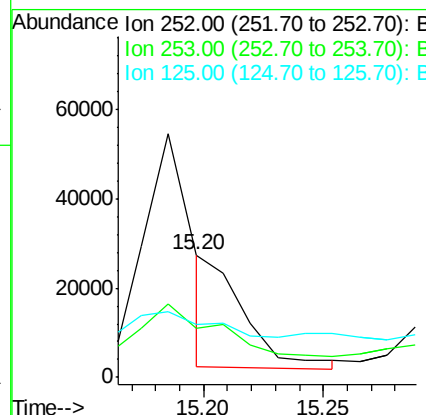
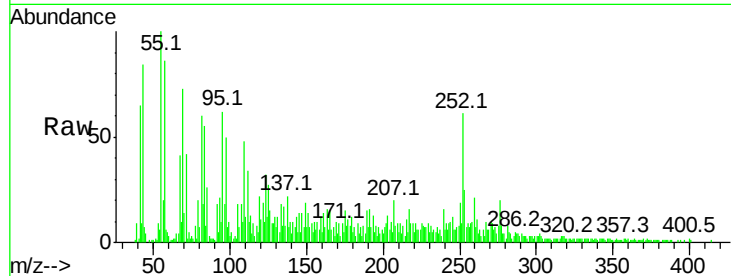
#88
Benzo(k)fluoranthene
Concen: 2.13 ng/ml
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampleId :
B2-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.4	18.5	27.7#
125	43.4	8.9	13.3#

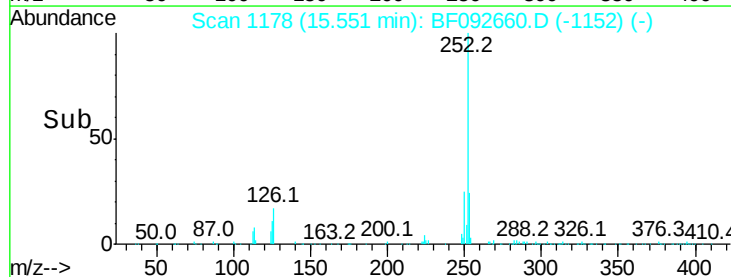
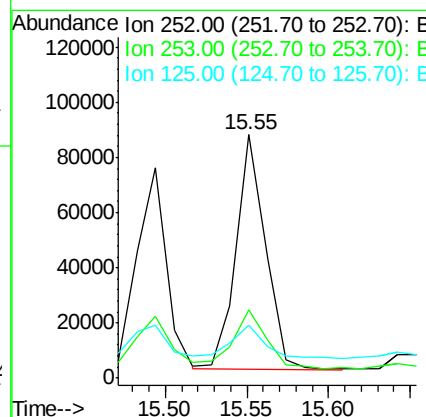
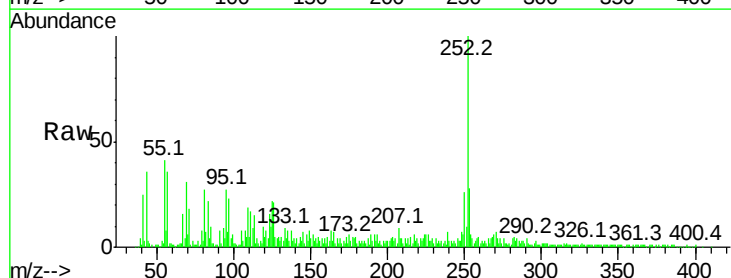
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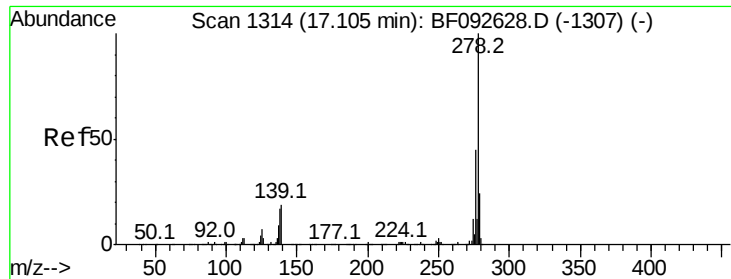
mohammad
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#89
Benzo(a)pyrene
Concen: 8.85 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.2#
125	21.5	10.0	15.0#





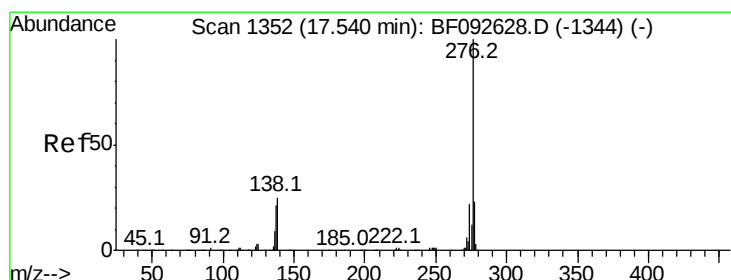
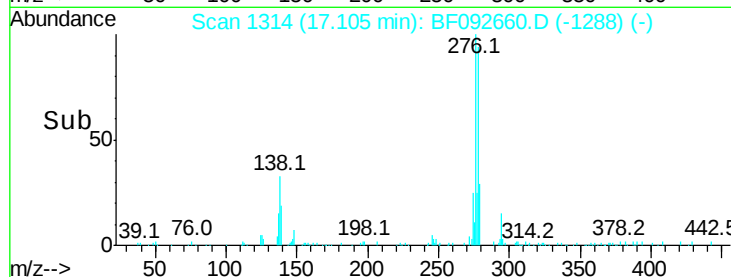
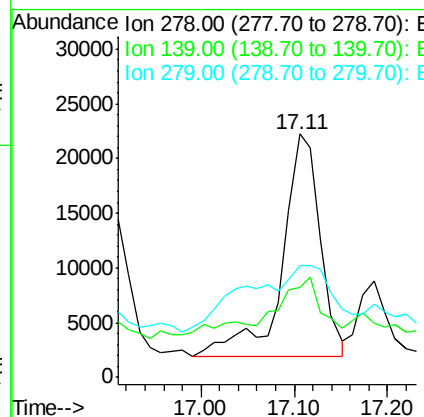
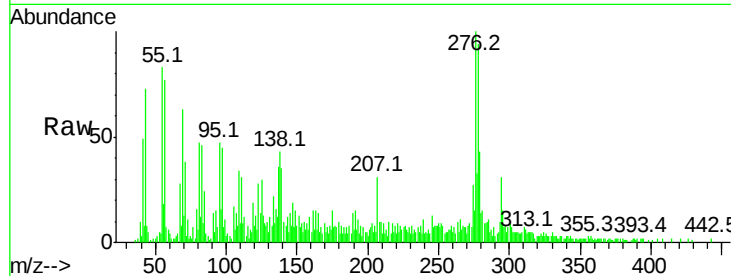
#90
Dibenzo(a,h)anthracene
Concen: 6.00 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Instrument :
BNA_F
ClientSampled :
B2-8

Tot Ion	Ratio	Lower	Upper
278	100		
139	37.1	14.8	22.2#
279	45.7	19.8	29.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.61 ng
RT: 17.55 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF092660.D
Acq: 31 Jan 2017 3:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.2	28.8#
138	33.0	16.0	24.0#

