

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092903.D
 Acq On : 11 Feb 2017 00:29
 Operator : SJ/MA
 Sample : I1777-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2

Manual Integrations
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 2/13/2017 12:41:21 PM

Quant Time: Feb 11 02:24:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	174864	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	720390	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	435057	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	647064	20.00	ng	0.00
75) Chrysene-d12	14.05	240	426936	20.00	ng	-0.01
86) Perylene-d12	15.51	264	333167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1195232	117.27	ng	0.01
7) Phenol-d6	6.53	99	1426627	108.78	ng	0.00
23) Nitrobenzene-d5	7.46	82	999315	77.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	290577	92.35	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1817799	75.70	ng	0.00
78) Terphenyl-d14	13.00	244	1344045	73.97	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	35879	2.34	ng	Qvalue 88
49) Dimethylphthalate	9.65	163	327366	11.17	ng	99
74) Fluoranthene	12.63	202	115258	3.01	ng	94
77) Pyrene	12.85	202	118756	3.72	ng	99
80) Benzo(a)anthracene	14.04	228	68639	2.63	ng	99
82) Chrysene	14.08	228	51406m	2.10	ng	
85) Indeno(1,2,3-cd)pyrene	16.93	276	38824	2.05	ng	96
87) Benzo(b)fluoranthene	15.08	252	65434m	2.98	ng	
89) Benzo(a)pyrene	15.44	252	50516	2.66	ng	# 94
91) Benzo(g,h,i)perylene	17.36	276	37505	2.42	ng	# 86

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

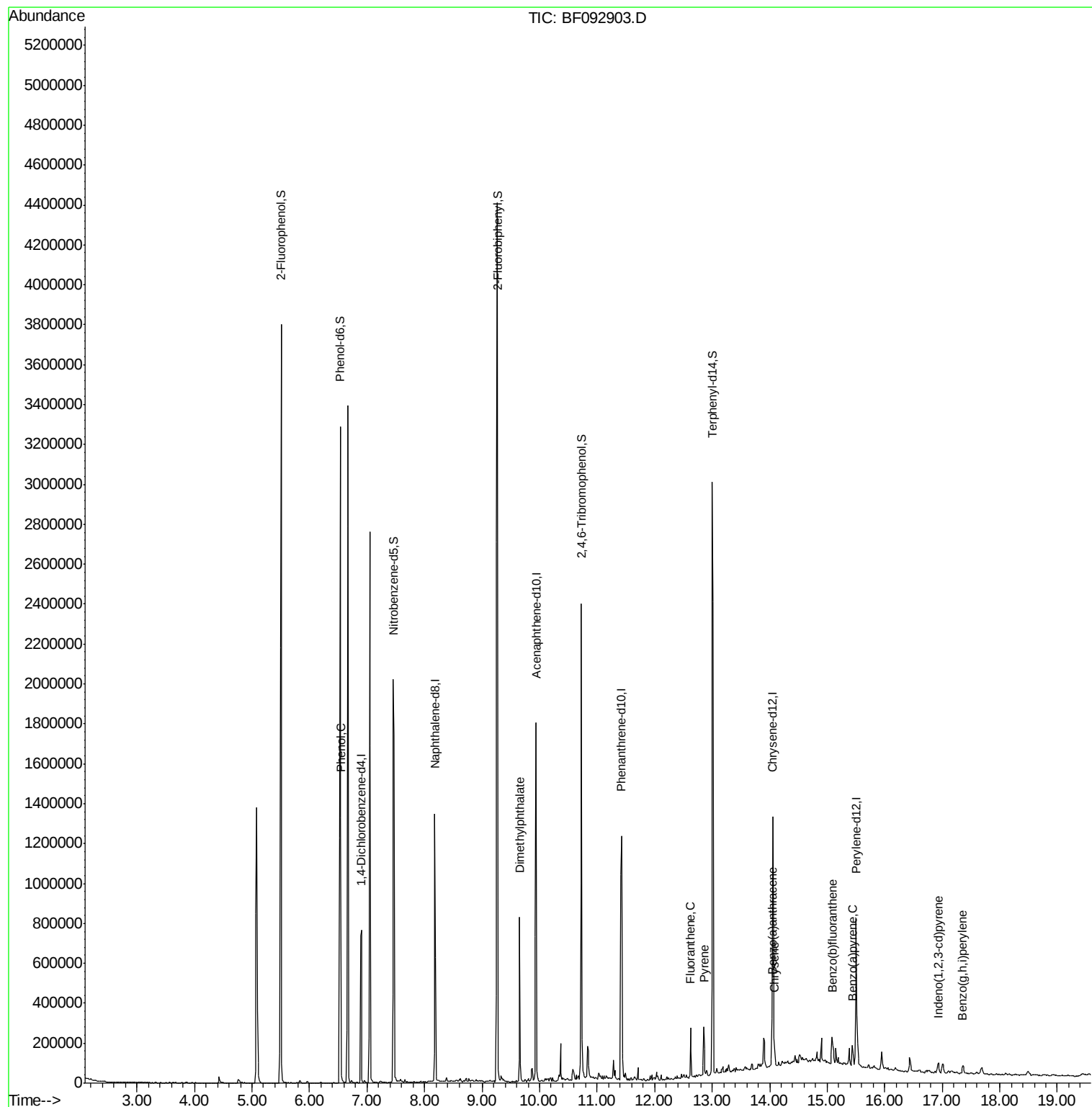
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092903.D
Acq On : 11 Feb 2017 00:29
Operator : SJ/MA
Sample : I1777-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

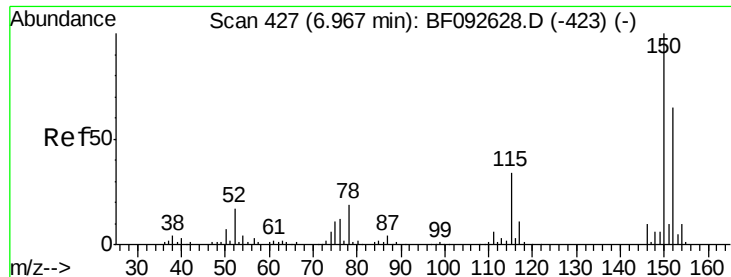
Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

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Quant Time: Feb 11 02:24:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration





#1

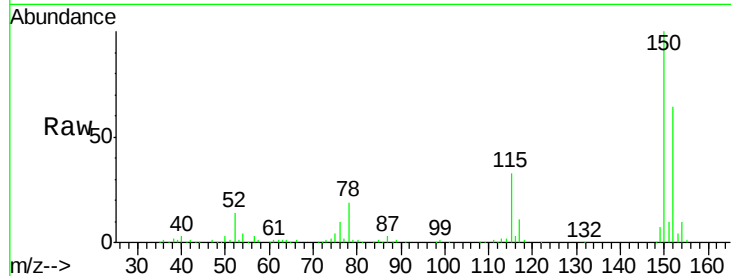
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	51.1	46.0	69.0

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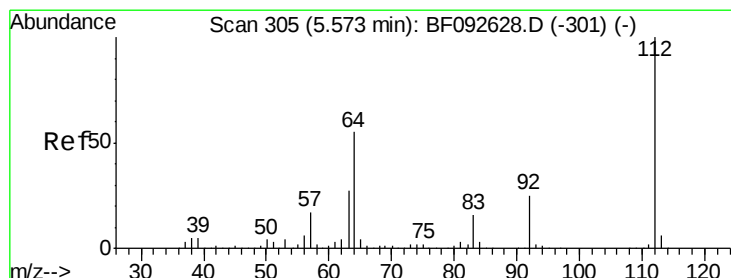
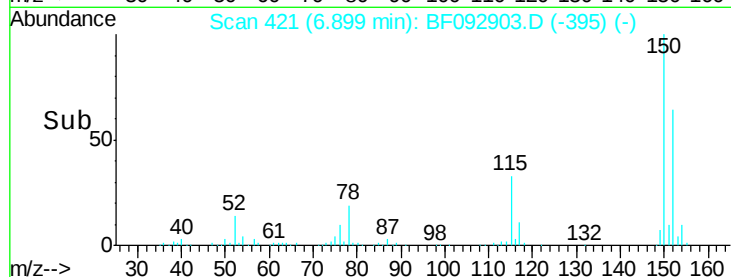
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

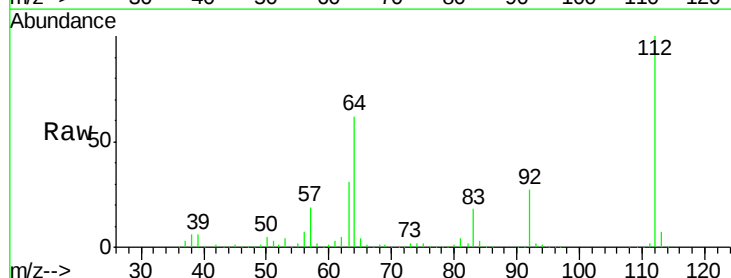
Time-->



#5

2-Fluorophenol
Concen: 117.27 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.1	69.1
63	31.1	23.8	35.6



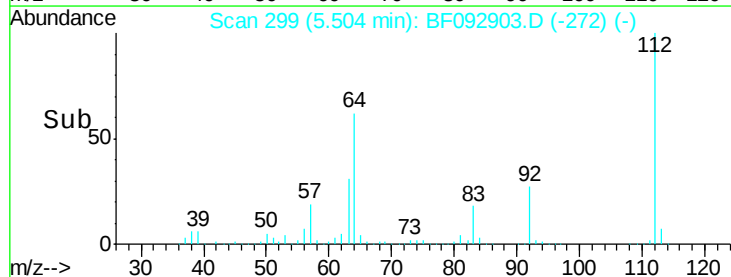
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 108.78 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Instrument :

BNA_F

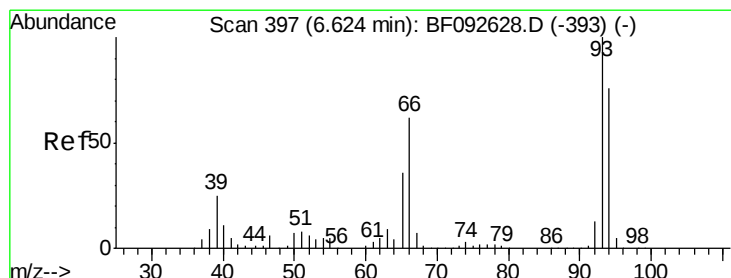
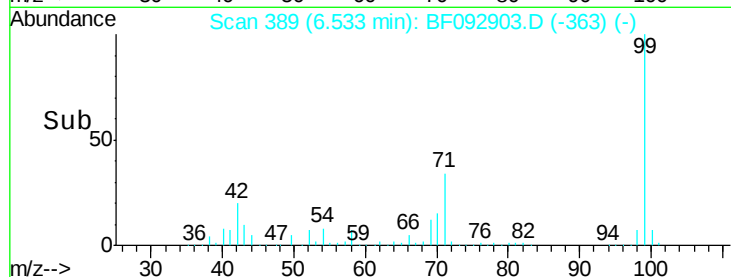
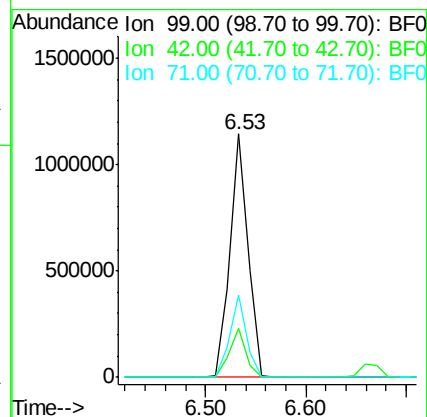
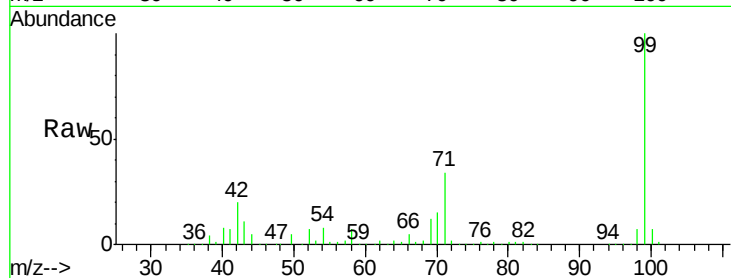
ClientSampleId :

38-SB-02-0-2

Tgt Ion:	99	Resp:	1426627
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.6	27.5	41.3

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#10

Phenol

Concen: 2.34 ng

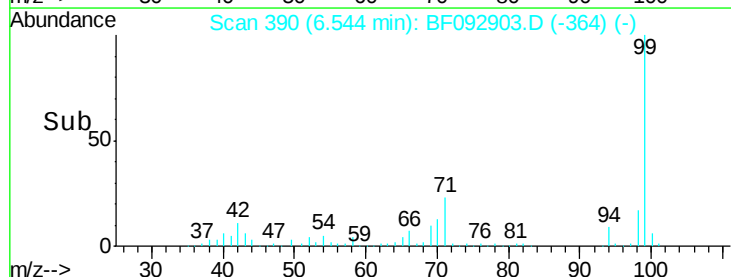
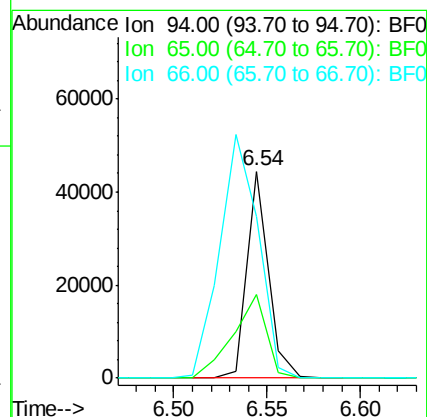
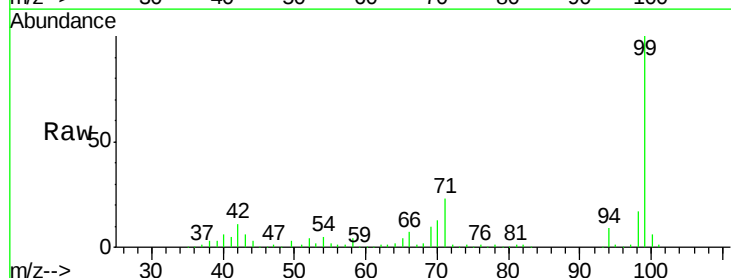
RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Tgt Ion:	94	Resp:	35879
Ion	Ratio	Lower	Upper
94	100		
65	40.3	21.4	61.4
66	78.1	44.0	84.0





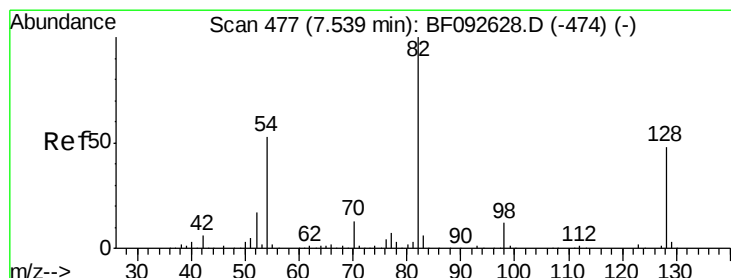
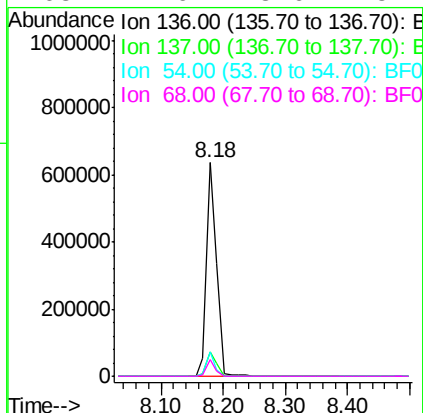
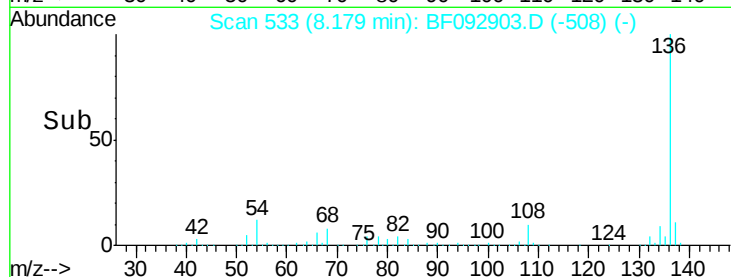
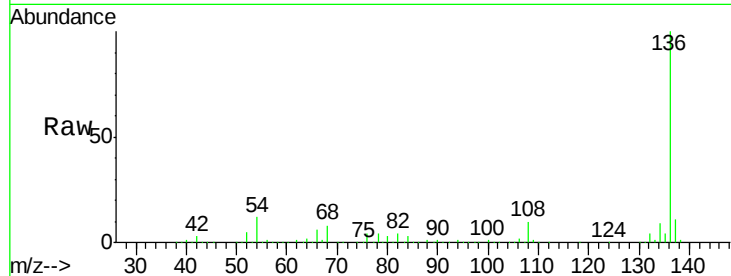
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	720390		
137	11.4	8.4	12.6	
54	11.7	4.5	6.7#	
68	7.6	3.6	5.4#	

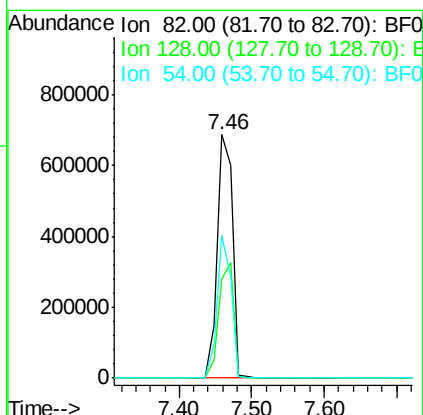
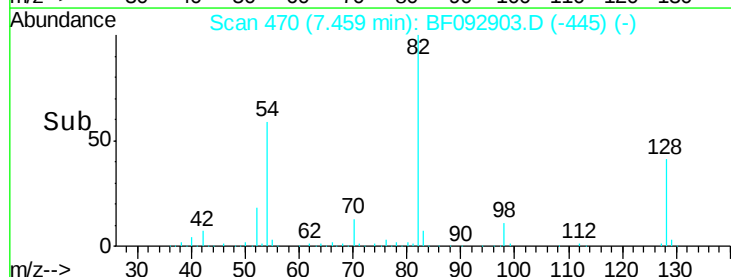
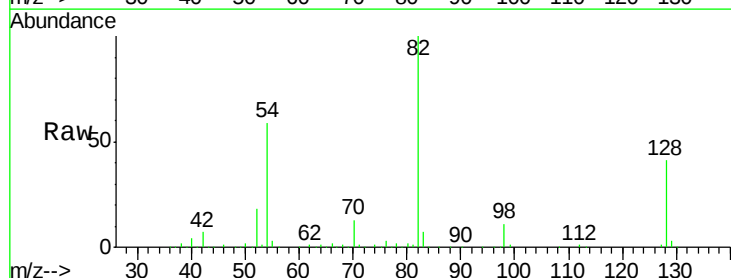
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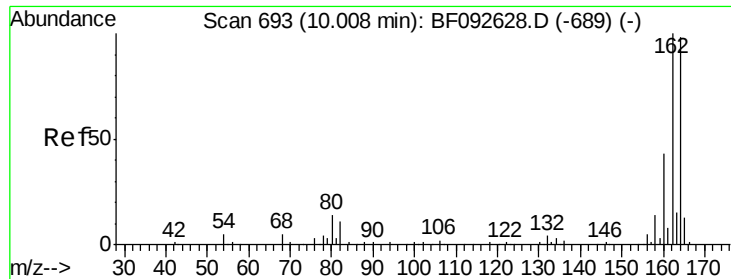
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#23
Nitrobenzene-d5
Concen: 77.25 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	999315		
128	40.7	34.6	52.0	
54	58.5	39.5	59.3	





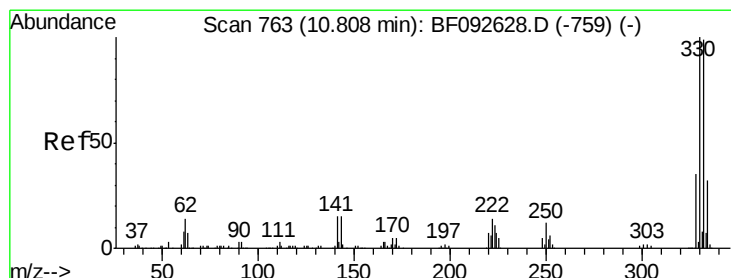
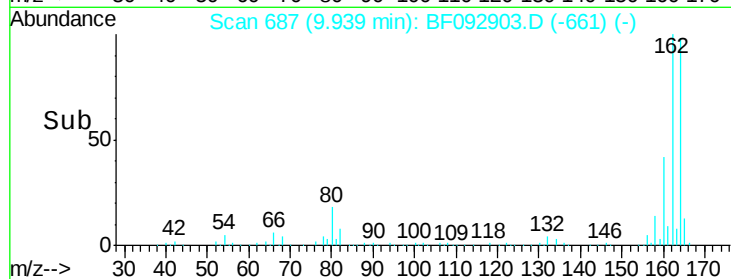
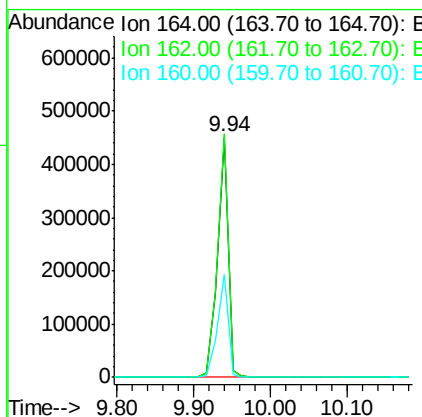
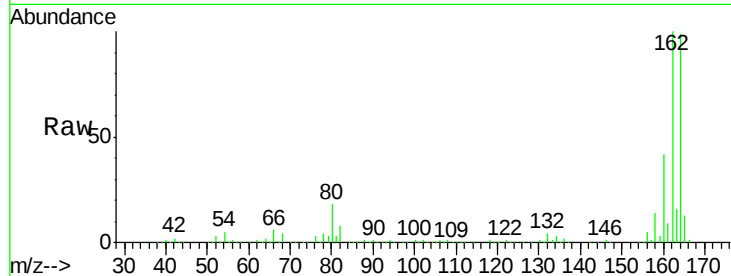
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	435057		
162	101.5	80.2	120.2	
160	43.0	36.9	55.3	

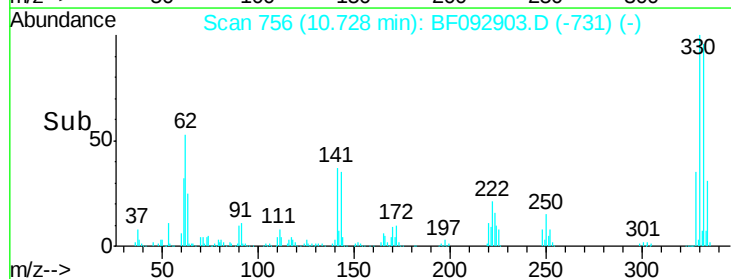
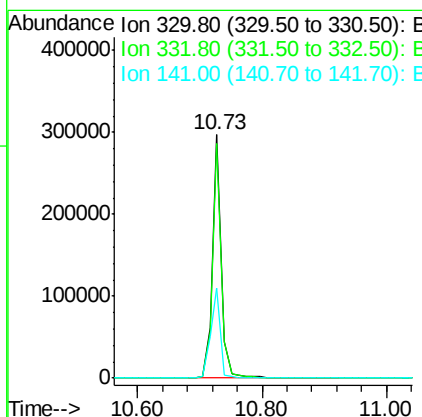
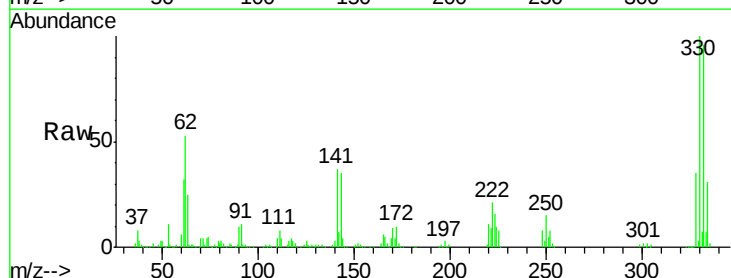
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#41
2,4,6-Tribromophenol
Concen: 92.35 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290577		
332	96.4	77.4	116.2	
141	40.9	34.1	51.1	





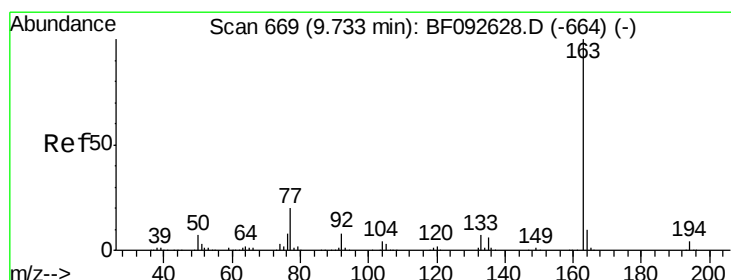
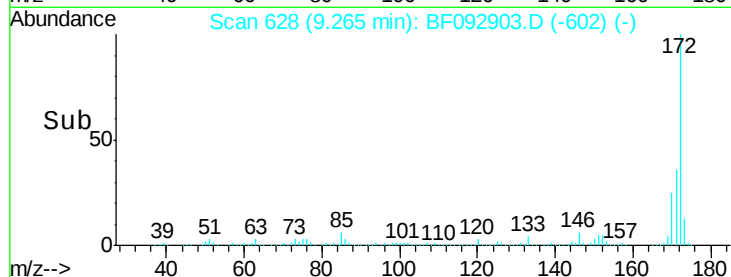
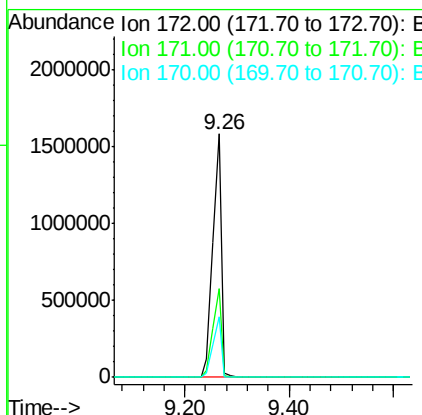
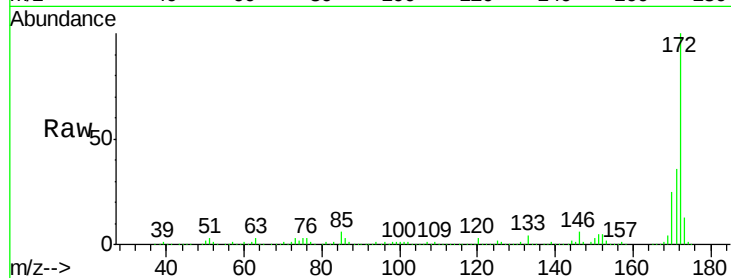
#44
2-Fluorobiphenyl
Concen: 75.70 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:172 Resp: 1817799
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.8 20.2 30.4

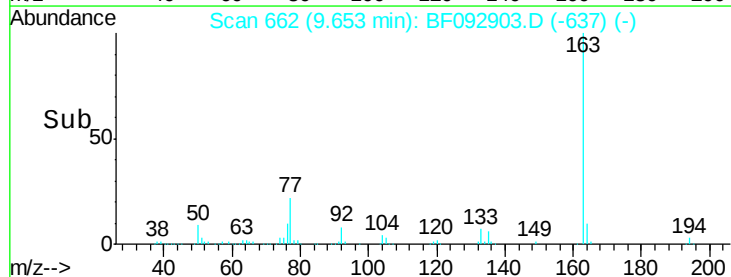
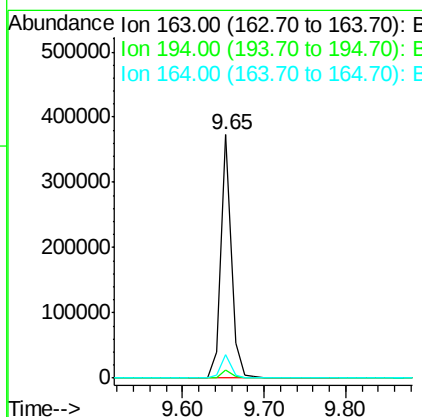
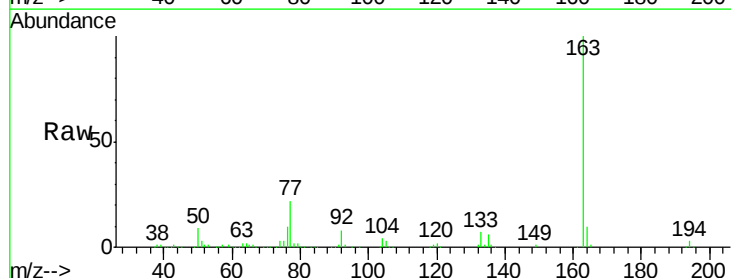
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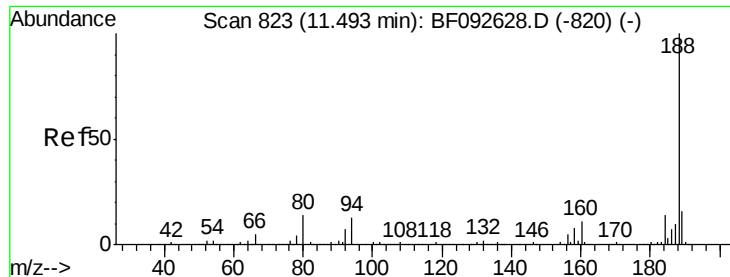
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#49
Dimethylphthalate
Concen: 11.17 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:163 Resp: 327366
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.8 8.0 12.0





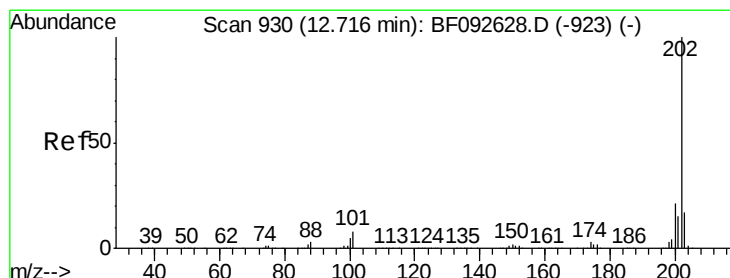
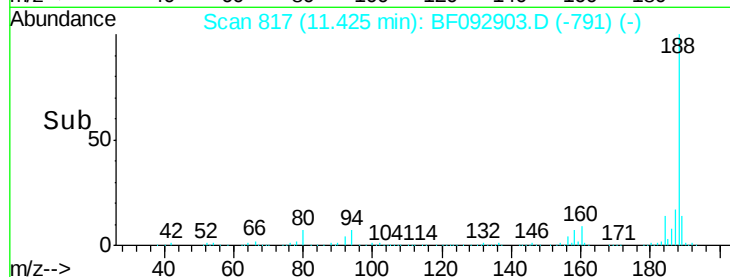
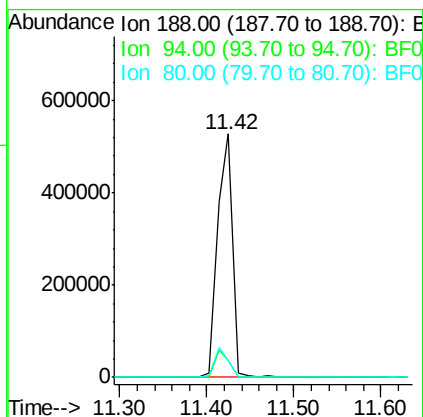
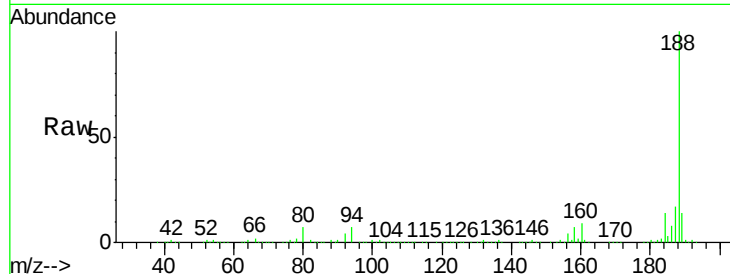
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	647064		
94	6.9	10.0	15.0#	
80	7.1	11.2	16.8#	

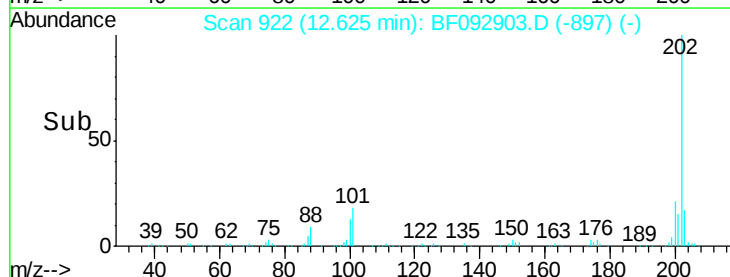
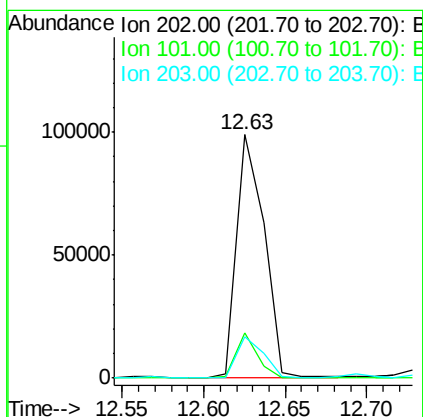
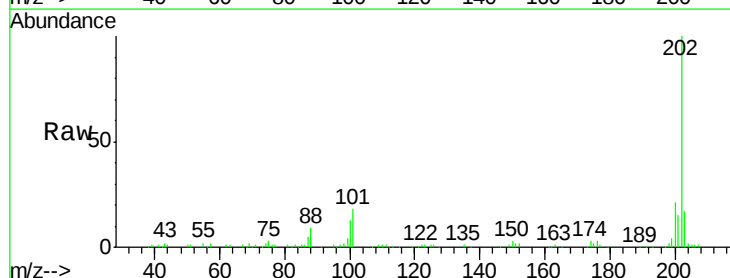
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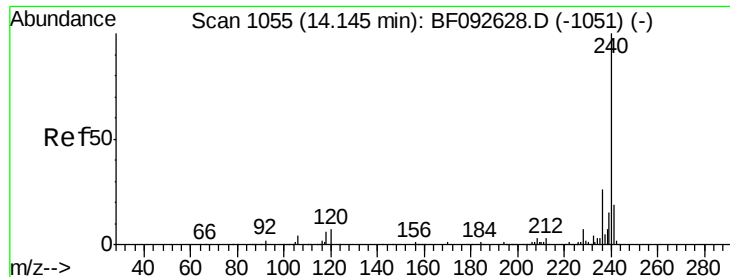
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#74
Fluoranthene
Concen: 3.01 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	115258		
101	18.3	0.0	34.6	
203	17.2	0.0	38.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Instrument :

BNA_F

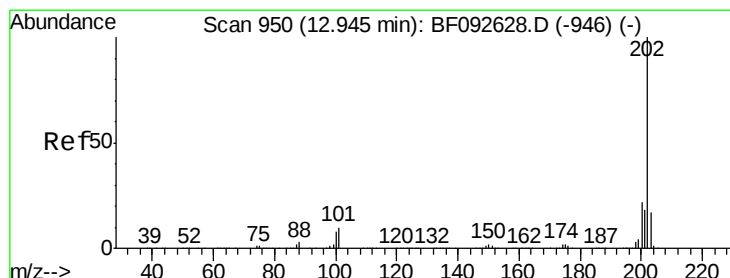
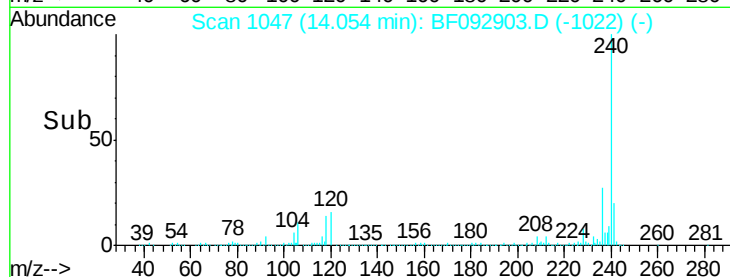
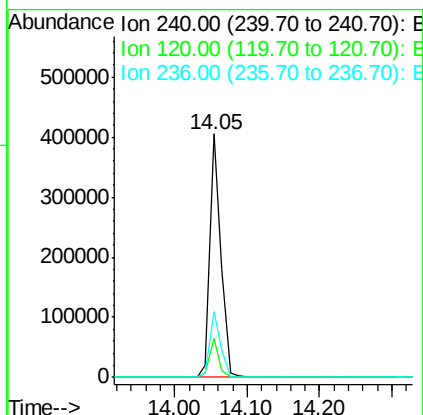
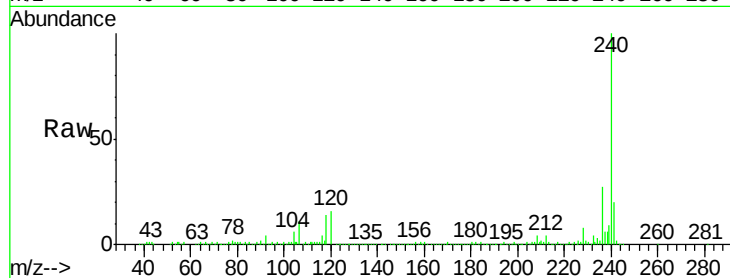
ClientSampleId :

38-SB-02-0-2

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	26.8	20.9	31.3

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#77

Pyrene

Concen: 3.72 ng

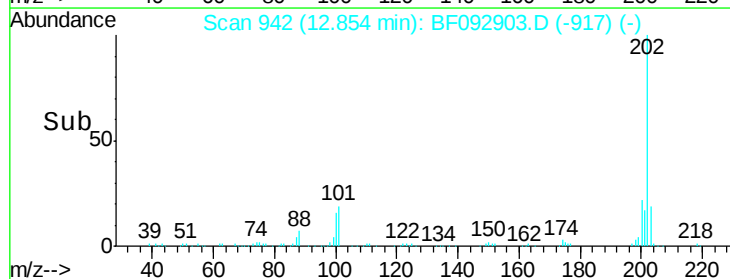
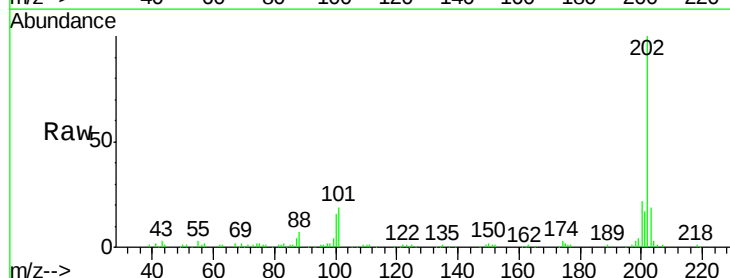
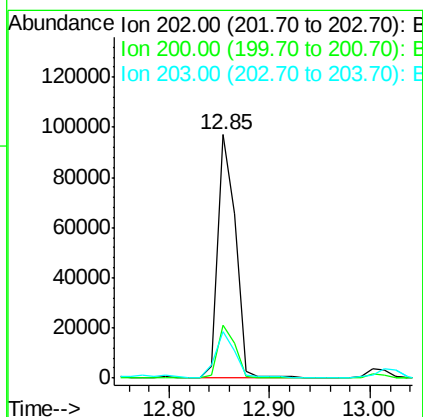
RT: 12.85 min Scan# 942

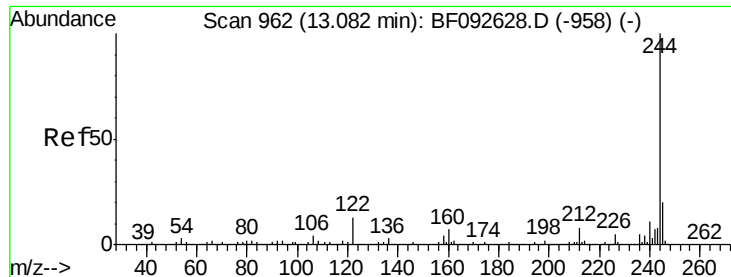
Delta R.T. -0.01 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	19.3	14.7	22.1





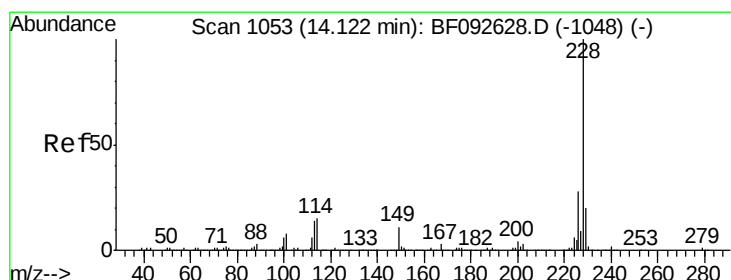
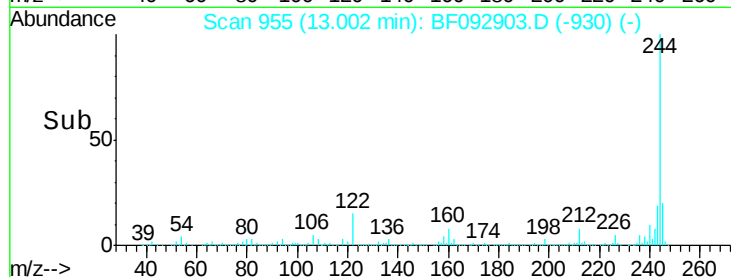
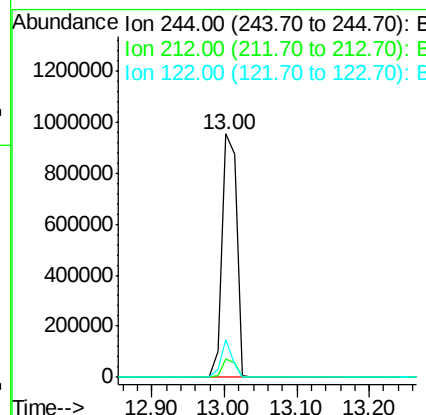
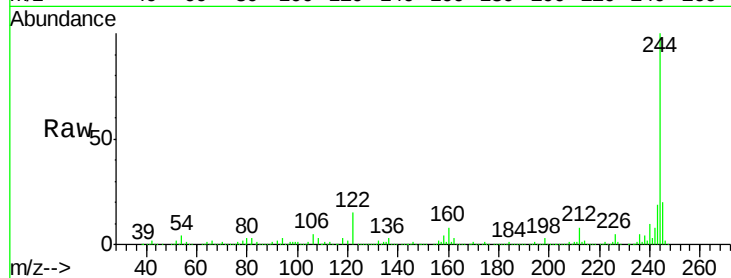
#78
 Terphenyl-d14
 Concen: 73.97 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF092903.D
 Acq: 11 Feb 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-0-2

Tgt Ion:244 Resp: 1344045
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 15.4 11.4 17.2

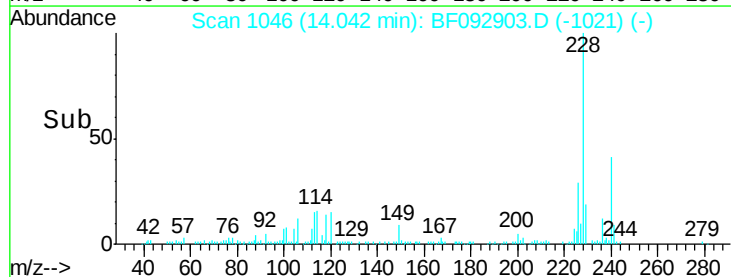
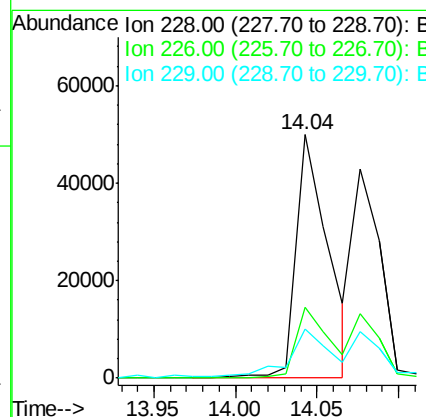
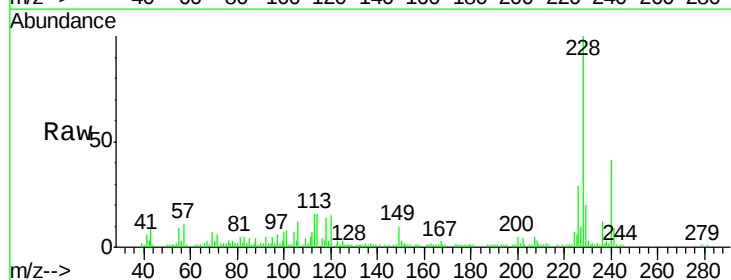
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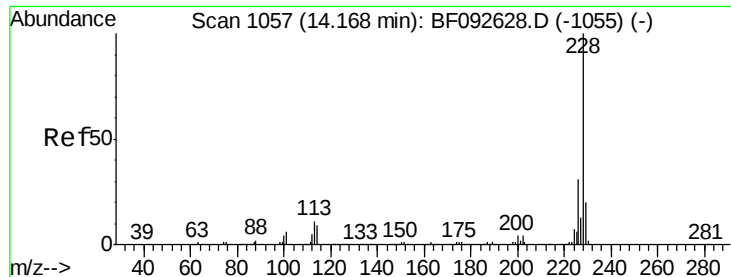
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.63 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092903.D
 Acq: 11 Feb 2017 00:29

Tgt Ion:228 Resp: 68639
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.4 33.6
 229 20.2 16.2 24.4





#82

Chrysene

Concen: 2.10 ng m

RT: 14.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Instrument :

BNA_F

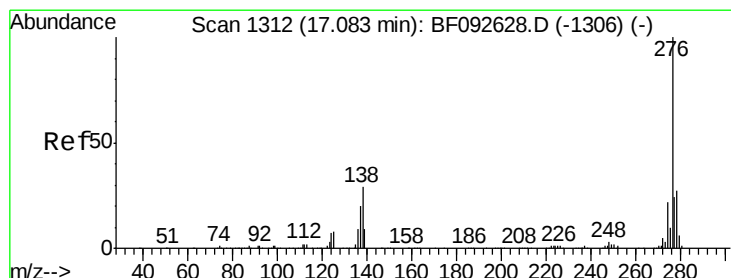
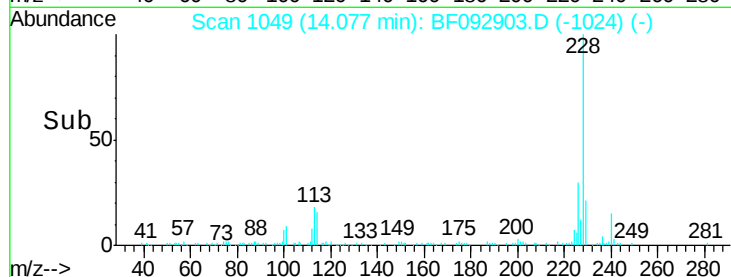
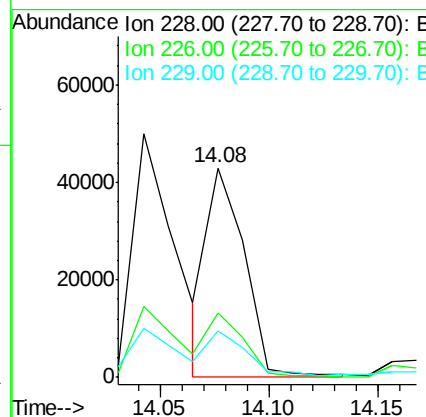
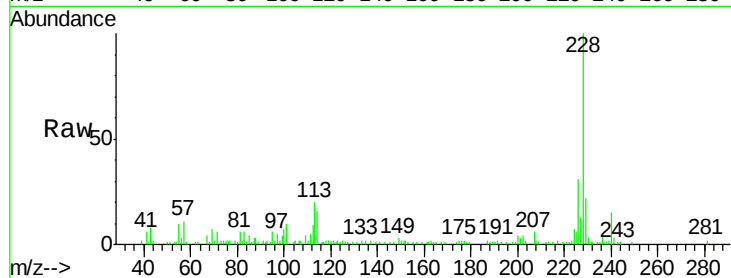
ClientSampleId :

38-SB-02-0-2

Tgt Ion:	228	Resp:	51406
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.4	38.0
229	22.4	16.2	24.2

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.05 ng

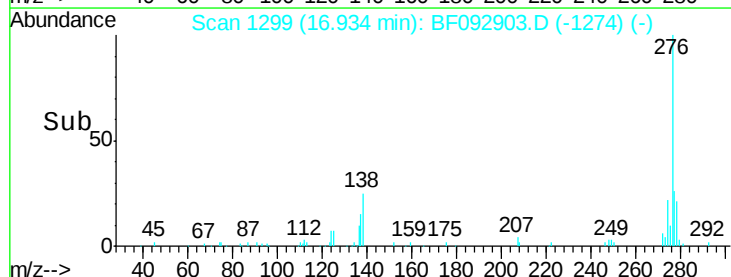
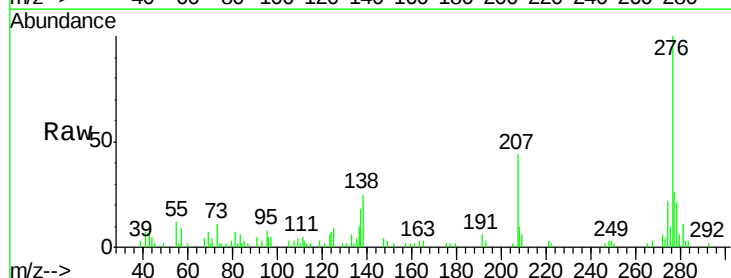
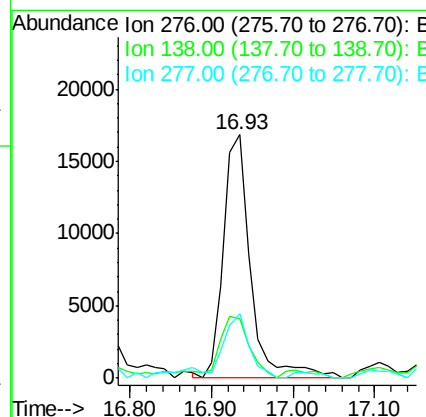
RT: 16.93 min Scan# 1299

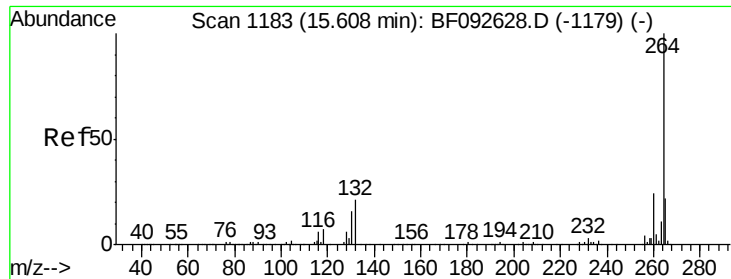
Delta R.T. -0.01 min

Lab File: BF092903.D

Acq: 11 Feb 2017 00:29

Tgt Ion:	276	Resp:	38824
Ion Ratio	Lower	Upper	
276	100		
138	27.2	21.8	32.6
277	29.4	20.2	30.4





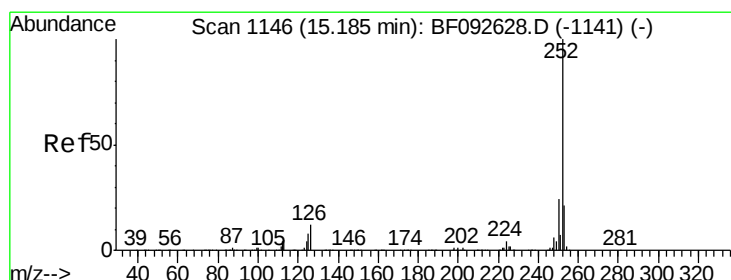
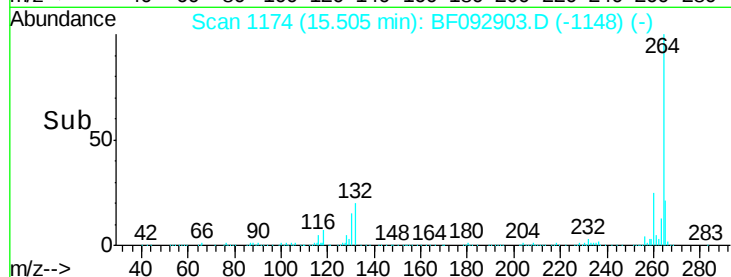
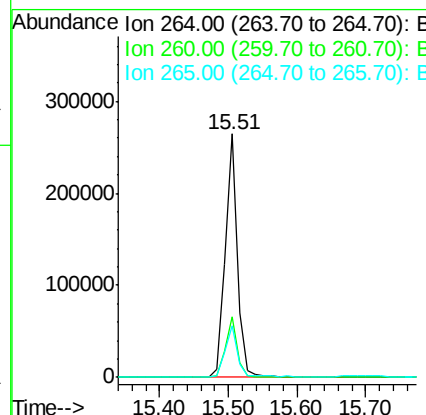
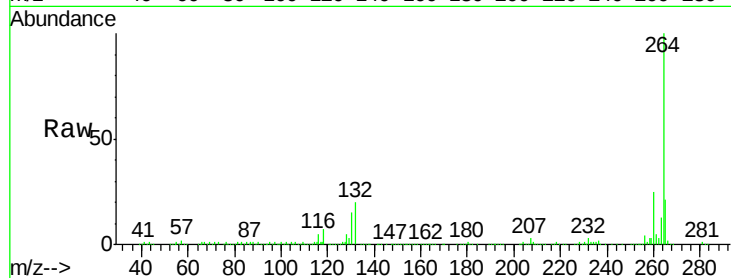
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.4	26.0

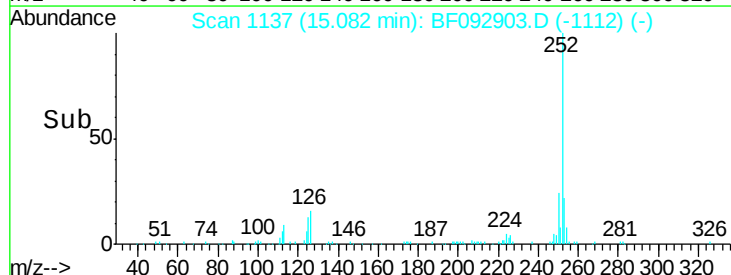
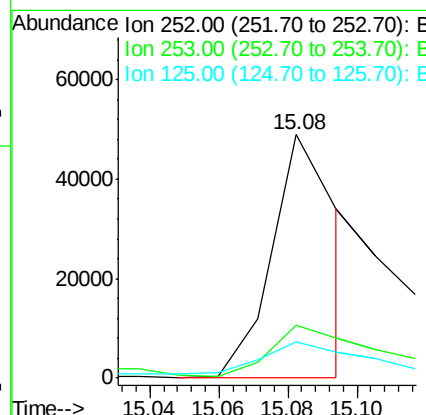
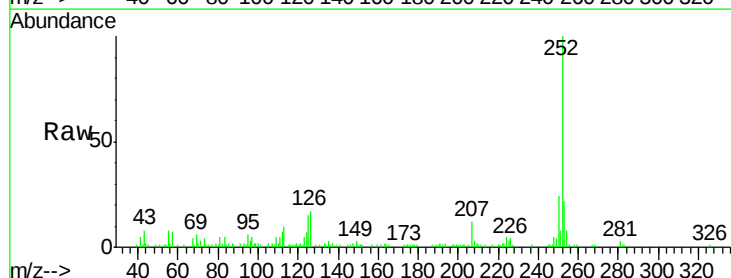
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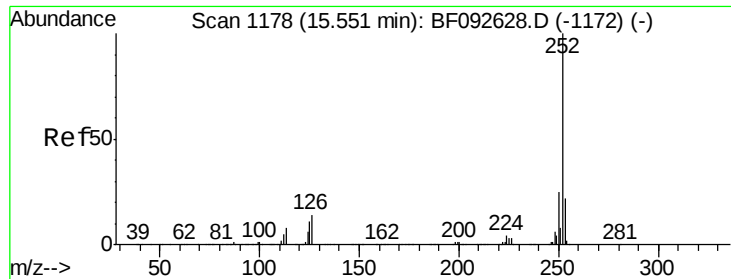
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#87
Benzo(b)fluoranthene
Concen: 2.98 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	15.1	9.8	14.6#





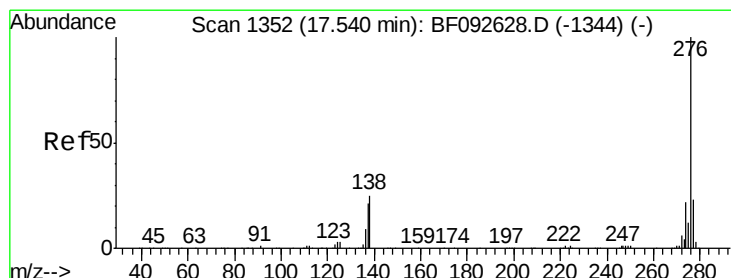
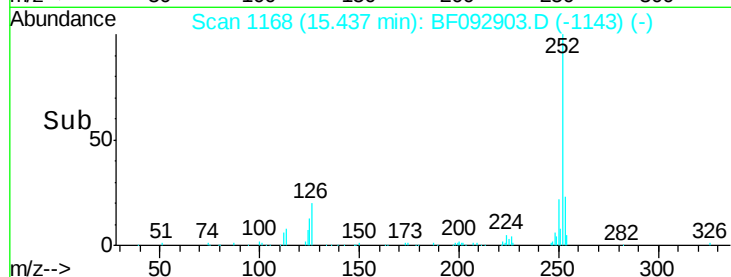
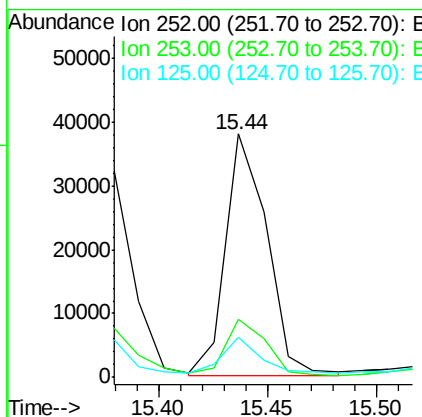
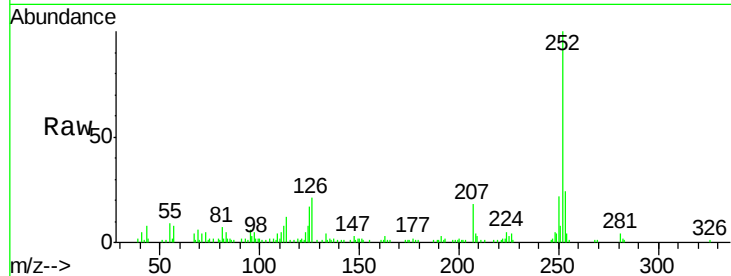
#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	16.6	10.0	15.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	33.8	16.0	24.0

