

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079501.D
 Acq On : 27 May 2015 4:18
 Operator : TP/IZ
 Sample : G2371-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-022

Manual Integrations
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Quant Time: May 27 06:55:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	85227	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	355382	20.00	ng	0.00
38) Acenaphthene-d10	10.77	164	174669	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	336274	20.00	ng	0.01
75) Chrysene-d12	15.89	240	361626	20.00	ng	0.01
86) Perylene-d12	17.59	264	377976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	563831m	114.75	ng	0.00
7) Phenol-d6	6.62	99	762365	121.72	ng	0.00
23) Nitrobenzene-d5	7.71	82	408223	66.40	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	229052	119.39	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	815178	66.58	ng	0.00
78) Terphenyl-d14	14.59	244	971703	63.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.46	163	85869	6.67	ng	99
70) Phenanthrene	12.63	178	162324	8.80	ng	100
74) Fluoranthene	14.10	202	217506	10.99	ng	97
77) Pyrene	14.38	202	191514	8.55	ng	97
80) Benzo(a)anthracene	15.87	228	96613	4.64	ng	98
82) Chrysene	15.91	228	89777	4.54	ng	97
85) Indeno(1,2,3-cd)pyrene	18.91	276	58346	2.29	ng	99
87) Benzo(b)fluoranthene	17.15	252	133853m	6.21	ng	
88) Benzo(k)fluoranthene	17.19	252	38702m	2.01	ng	
89) Benzo(a)pyrene	17.53	252	90134	2.97	ng	97

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

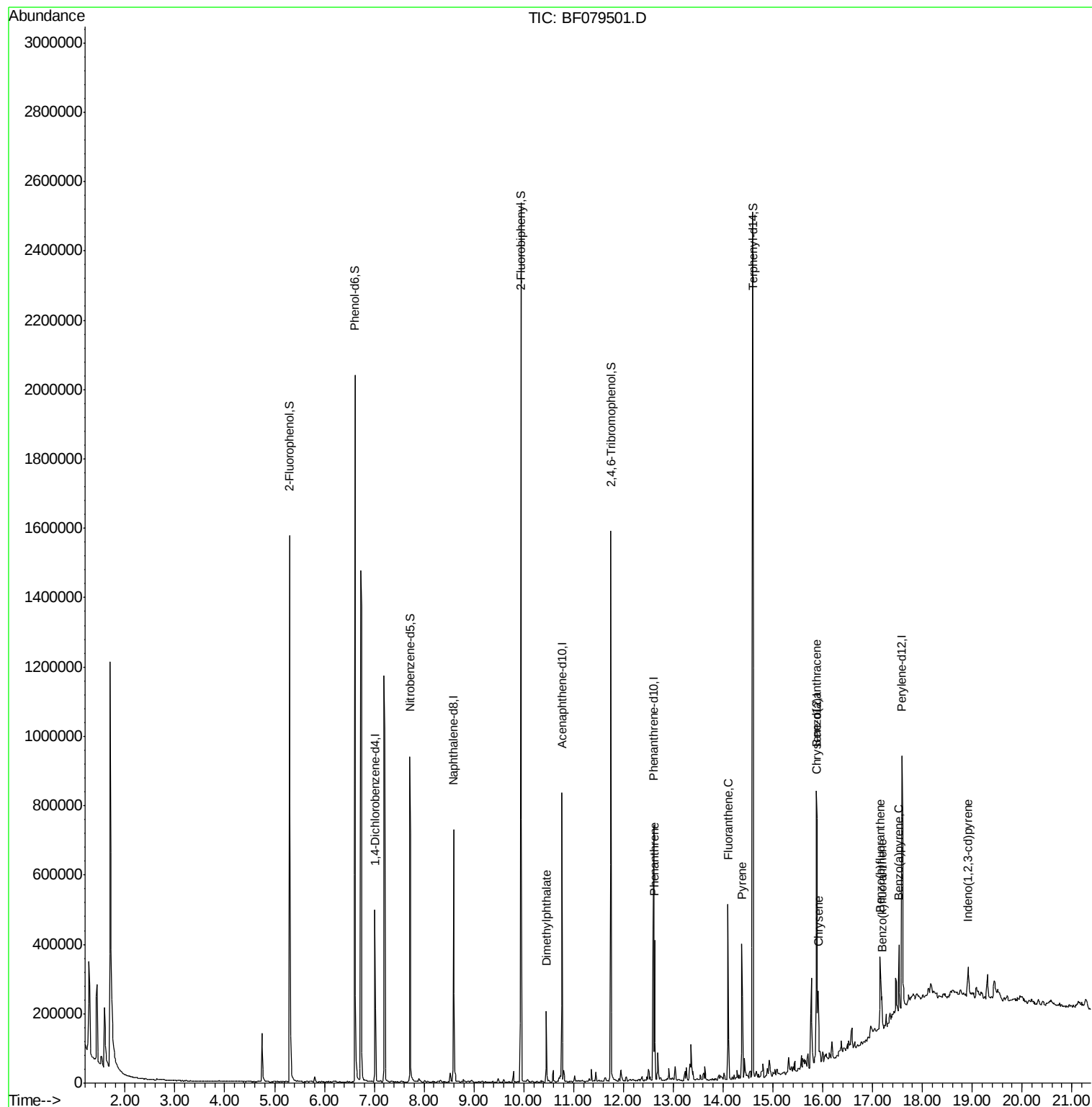
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079501.D
Acq On : 27 May 2015 4:18
Operator : TP/IZ
Sample : G2371-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

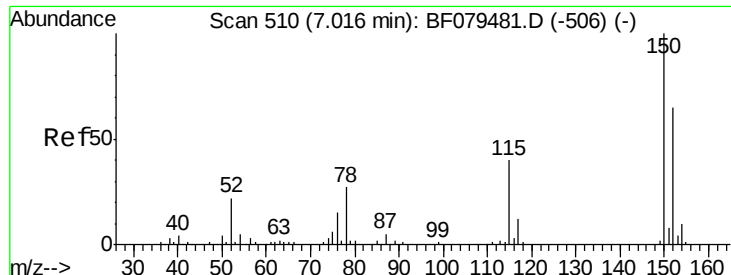
Instrument :
BNA_F
ClientSampleId :
SW-022

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Quant Time: May 27 06:55:13 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration





#1

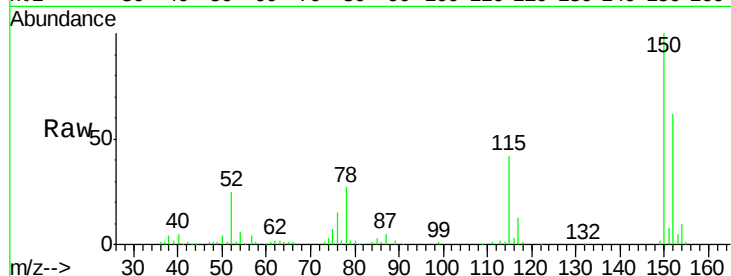
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Instrument :
BNA_F
ClientSampleId :
SW-022

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.0	186.0
115	67.5	49.6	74.4

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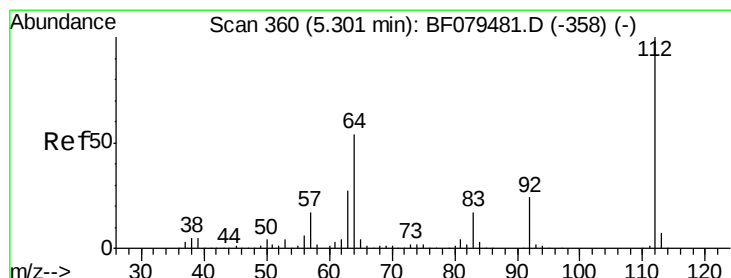
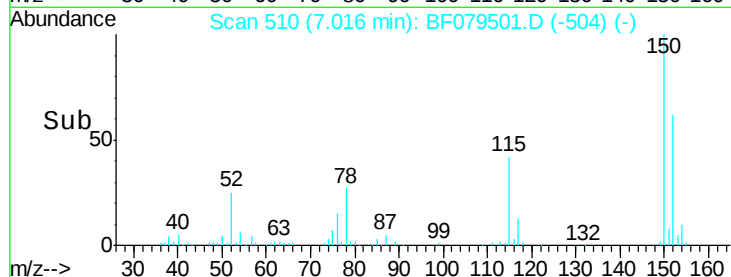
Abundance

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

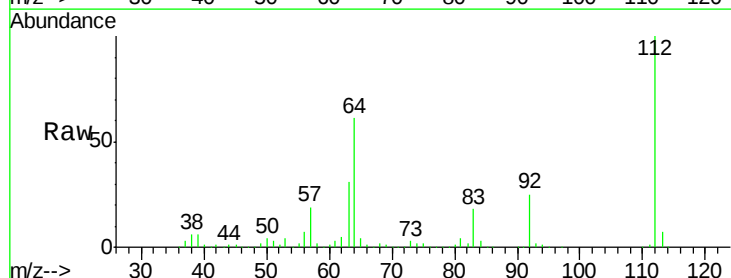
Time-->



#5

2-Fluorophenol
Concen: 114.75 ng m
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	43.5	65.3
63	30.8	21.8	32.8



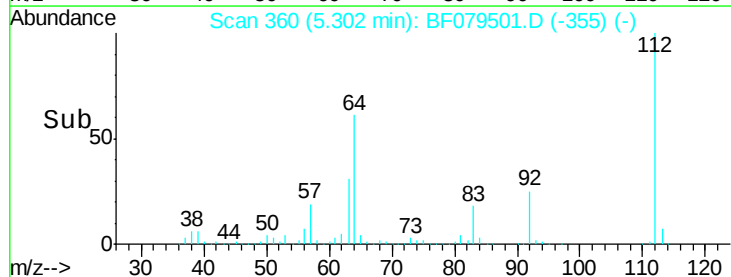
Abundance

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: 121.72 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Instrument :

BNA_F

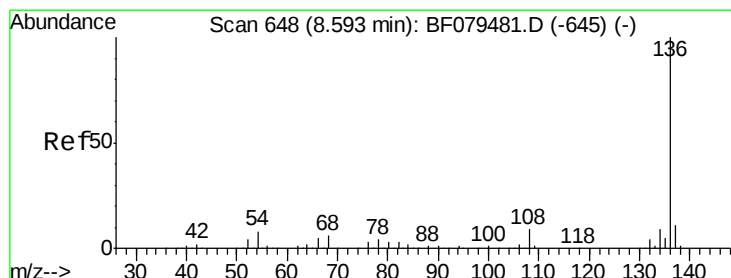
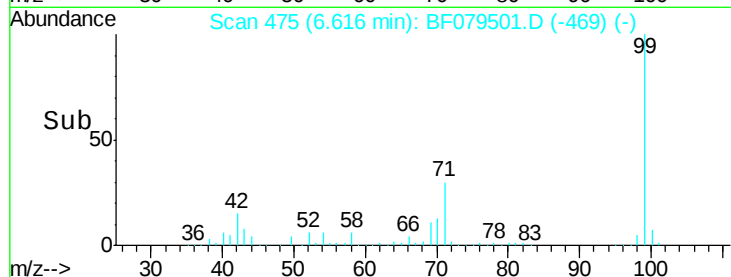
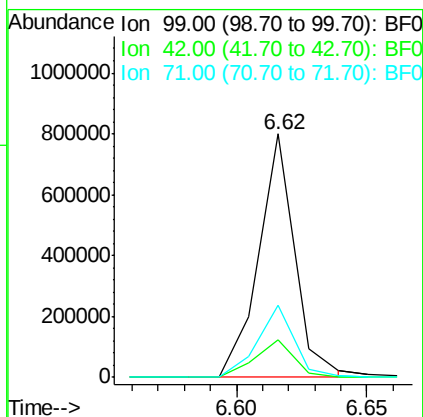
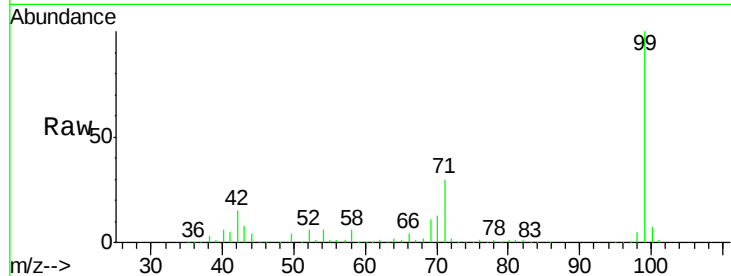
ClientSampleId :

SW-022

Tot Ion:	99	Resp:	762365
Ion Ratio	Lower	Upper	
99	100		
42	15.5	11.9	17.9
71	29.7	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

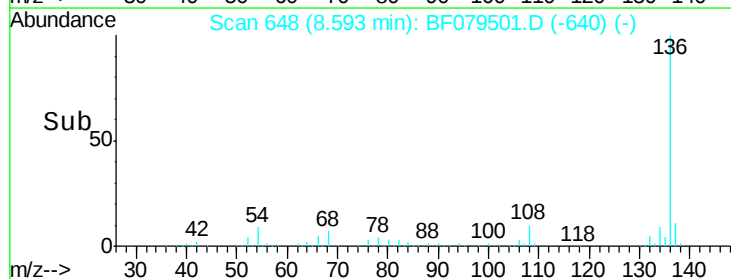
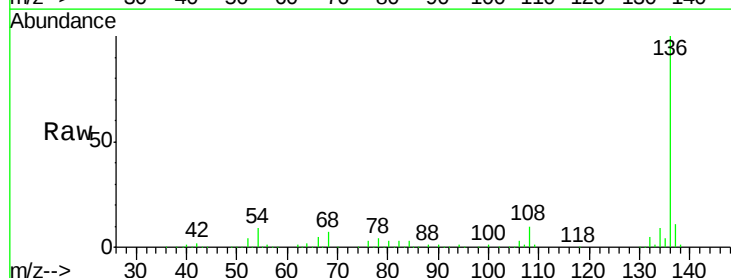
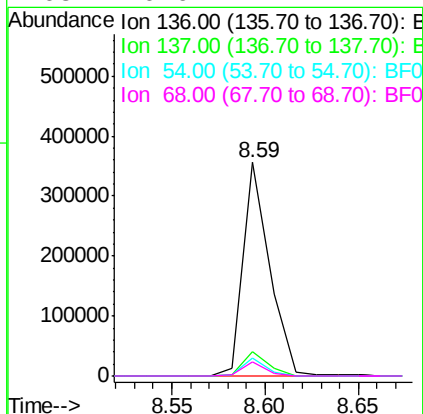
RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Tgt Ion:	136	Resp:	355382
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	8.7	6.6	9.8
68	6.6	4.7	7.1





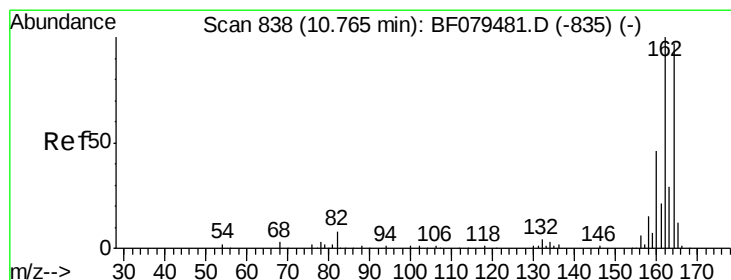
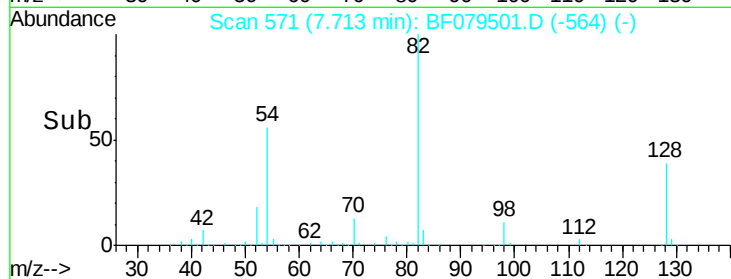
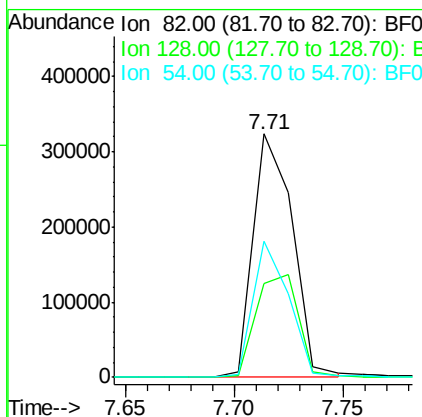
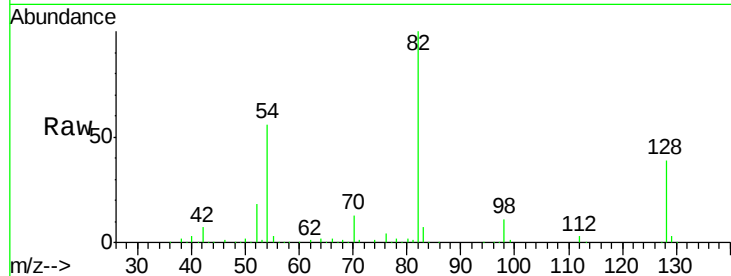
#23
 Nitrobenzene-d5
 Concen: 66.40 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Instrument :
 BNA_F
 ClientSampled :
 SW-022

Tot Ion	Ratio	Resp	Lower	Upper
82	100	408223		
128	38.5		30.8	46.2
54	55.8		42.8	64.2

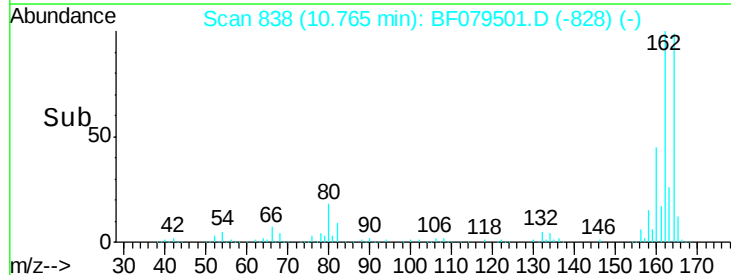
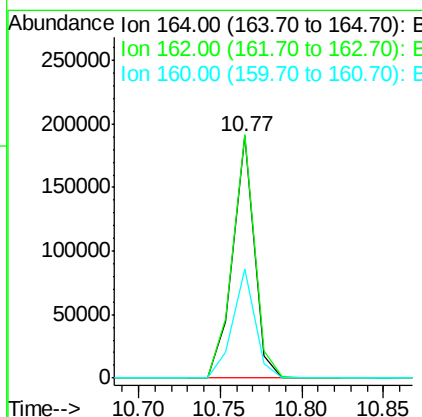
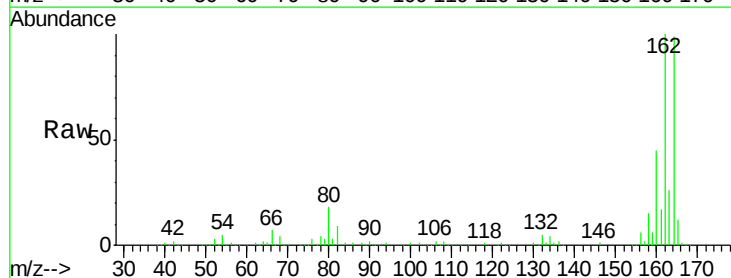
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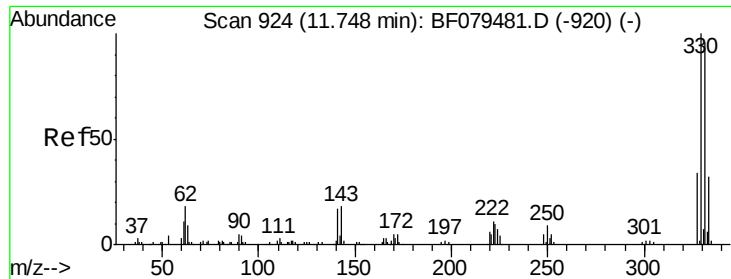
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.77 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174669		
162	100.5		82.6	124.0
160	45.0		37.7	56.5





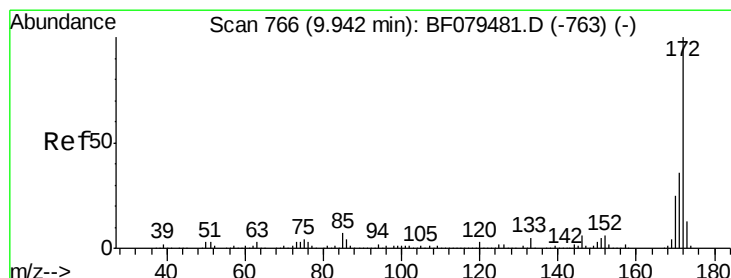
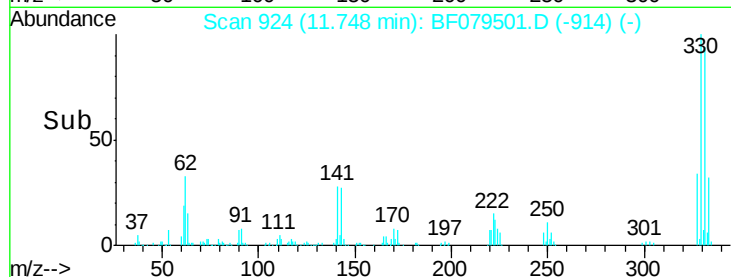
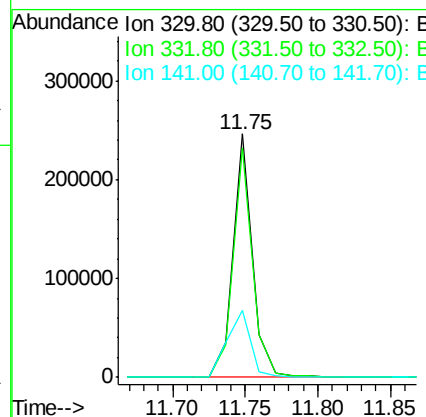
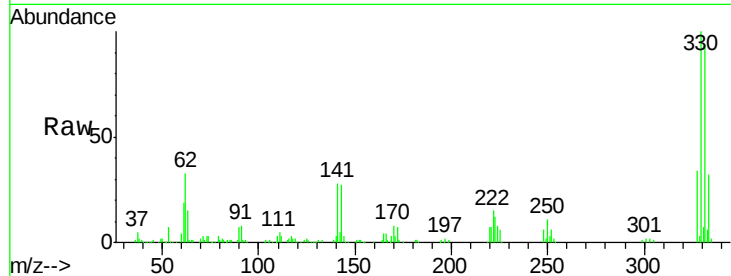
#41
 2,4,6-Tribromophenol
 Concen: 119.39 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Instrument :
 BNA_F
 ClientSampleId :
 SW-022

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	33.6	0.0	0.0#

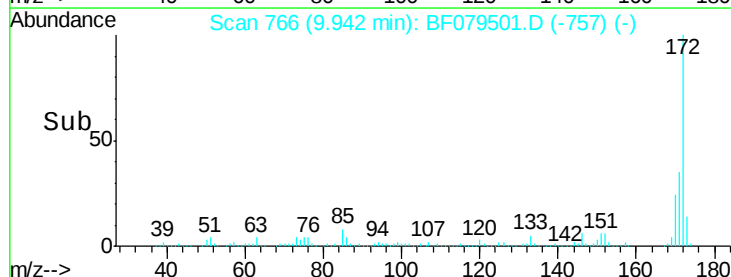
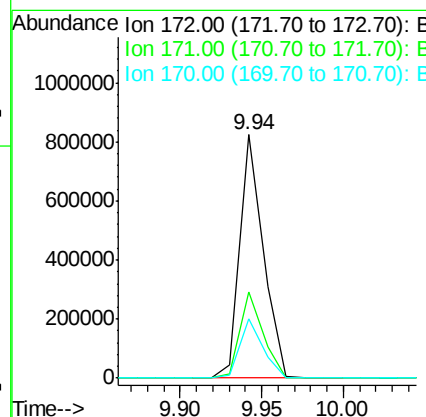
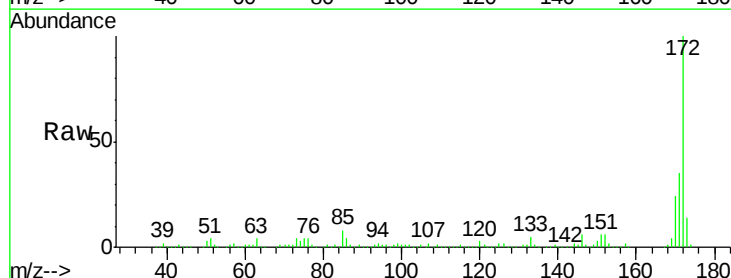
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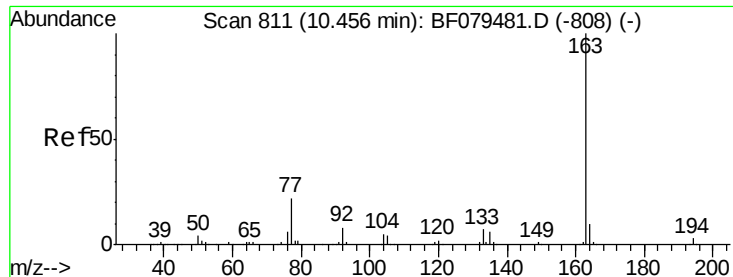
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#44
 2-Fluorobiphenyl
 Concen: 66.58 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.3	19.7	29.5





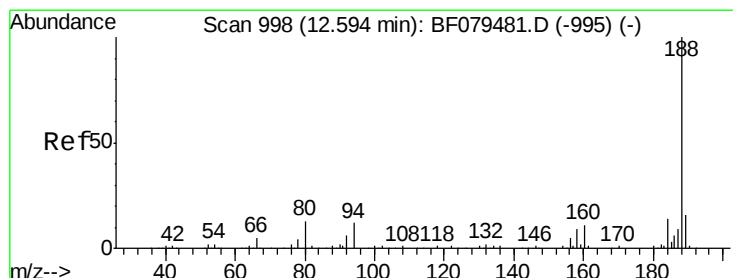
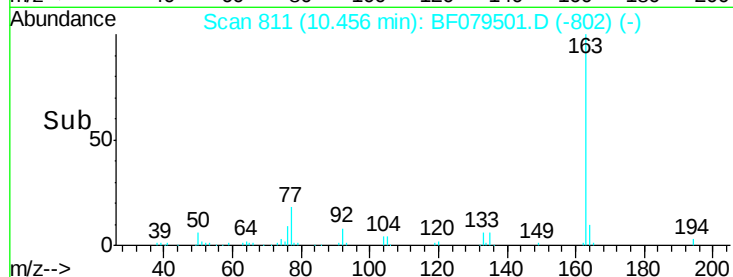
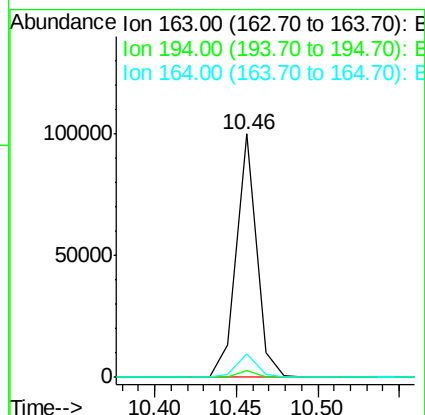
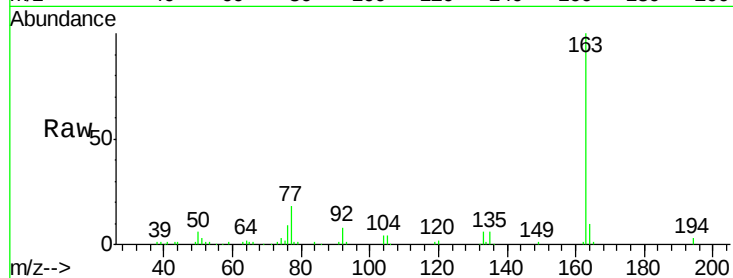
#49
Dimethylphthalate
Concen: 6.67 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Instrument :
BNA_F
ClientSampleId :
SW-022

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.4	3.6
164	9.9	8.2	12.4

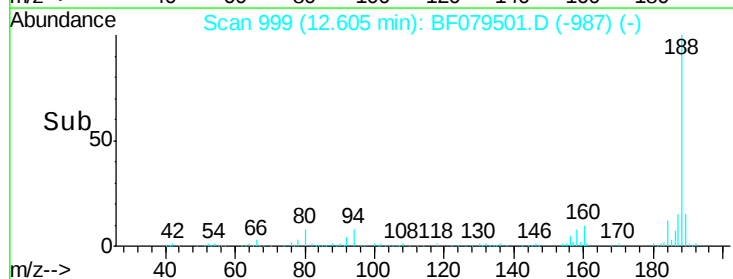
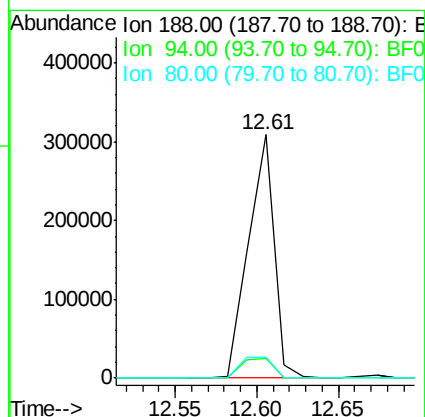
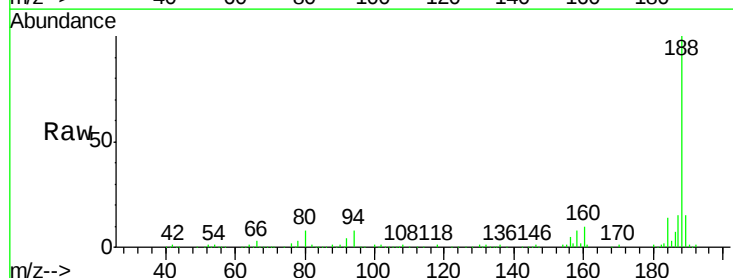
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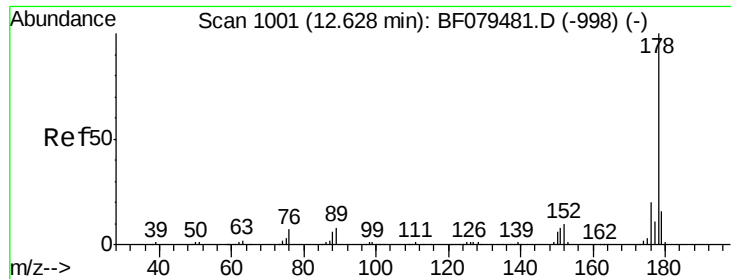
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	9.8	14.6#
80	8.4	10.5	15.7#





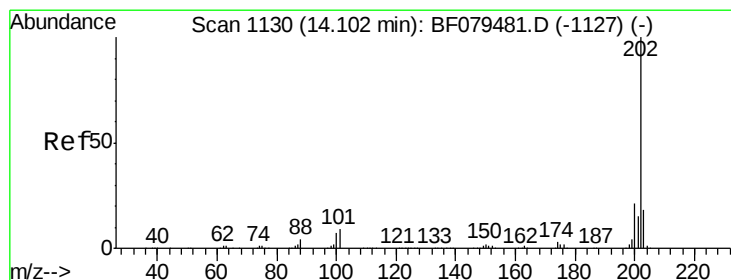
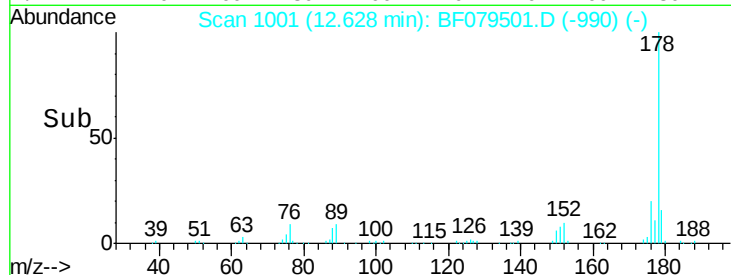
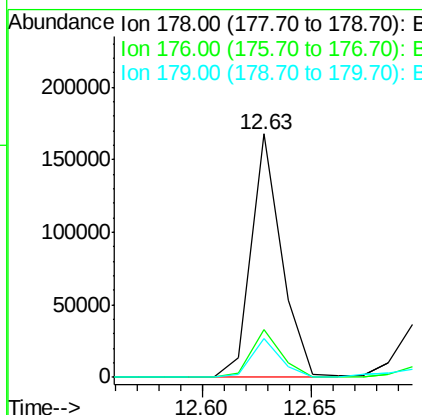
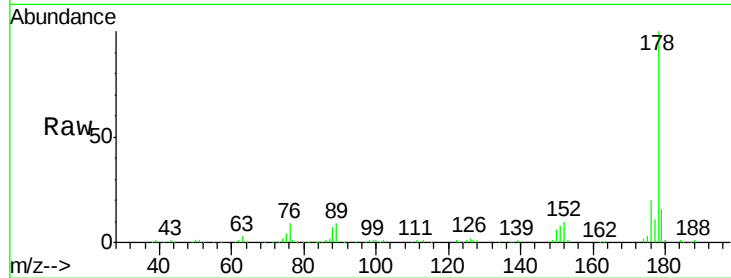
#70
 Phenanthrene
 Concen: 8.80 ng
 RT: 12.63 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Instrument :
 BNA_F
 ClientSampleId :
 SW-022

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.8	12.4	18.6

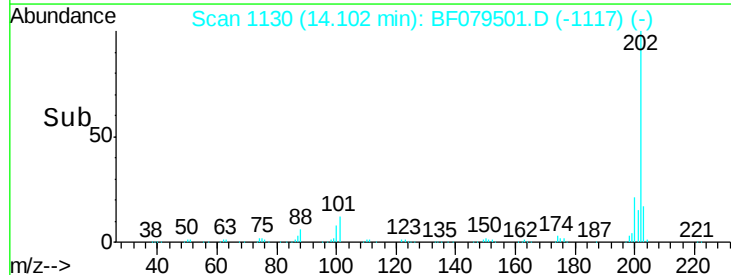
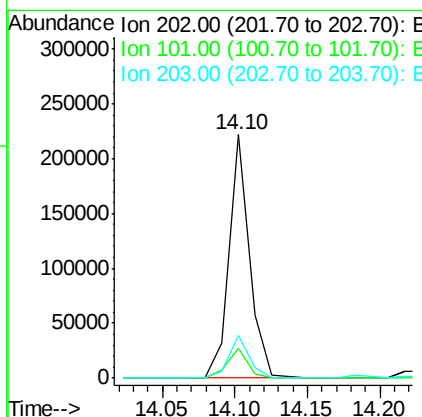
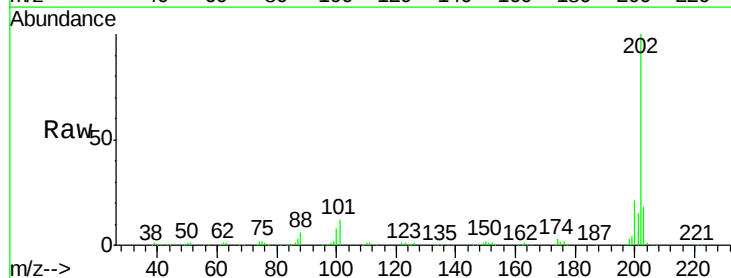
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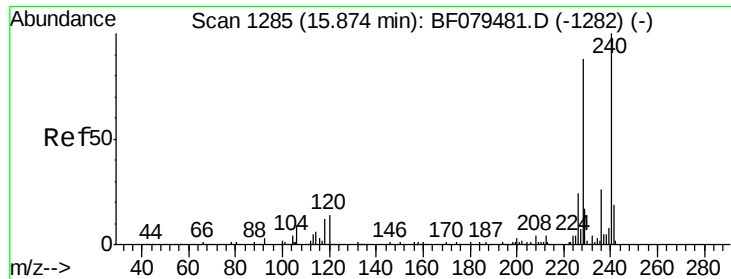
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#74
 Fluoranthene
 Concen: 10.99 ng
 RT: 14.10 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF079501.D
 Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	29.3
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Instrument :

BNA_F

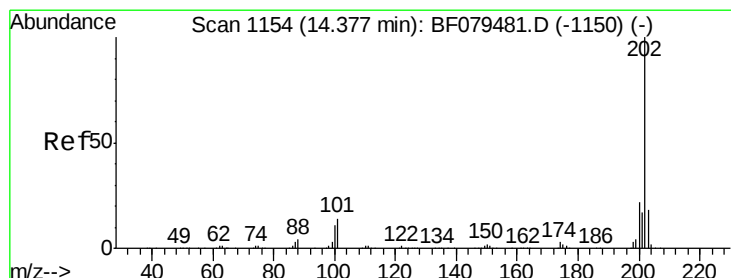
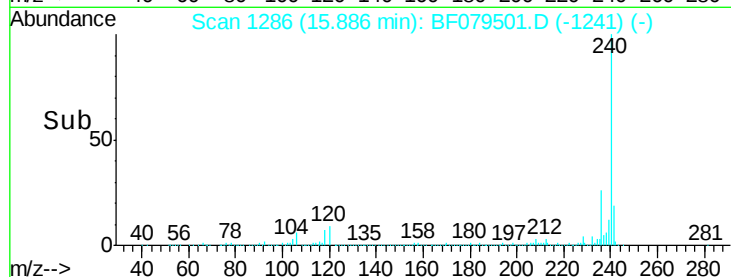
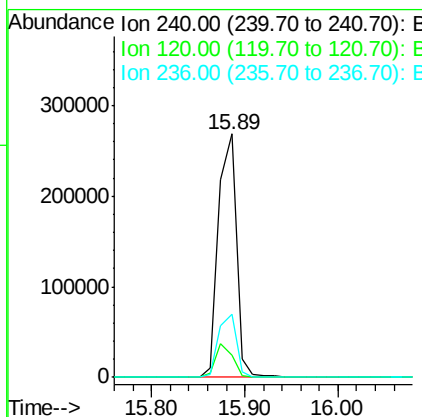
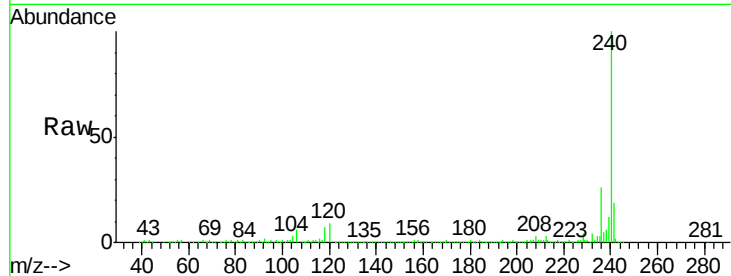
ClientSampleId :

SW-022

Tot Ion	Ratio	Resp	Lower	Upper
240	100	361626		
120	9.0	10.8	16.2	
236	26.2	21.0	31.6	

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#77

Pyrene

Concen: 8.55 ng

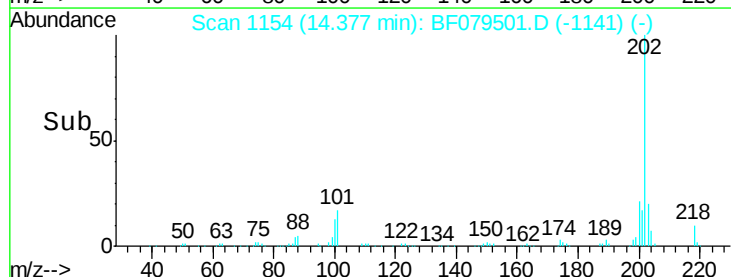
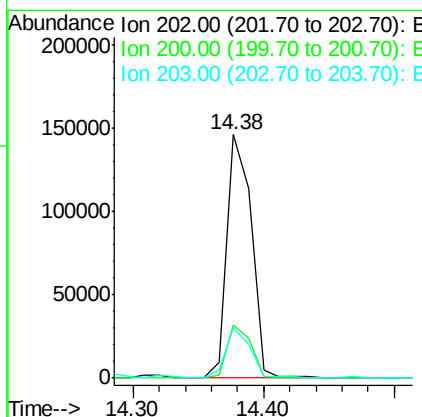
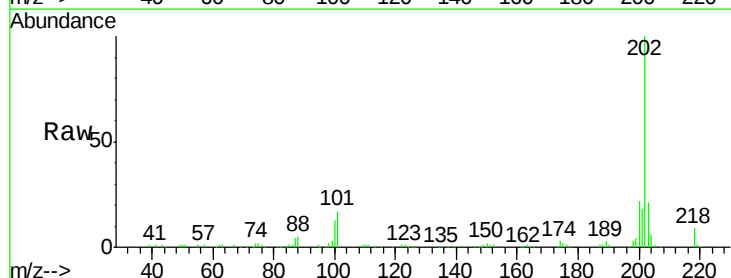
RT: 14.38 min Scan# 1154

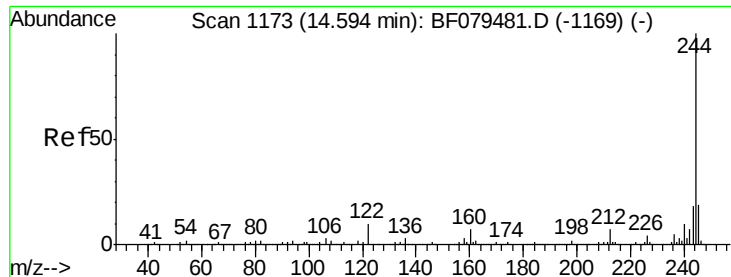
Delta R.T. 0.00 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	191514		
200	21.5	17.5	26.3	
203	20.7	14.4	21.6	





#78

Terphenyl-d14

Concen: 63.06 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Instrument :

BNA_F

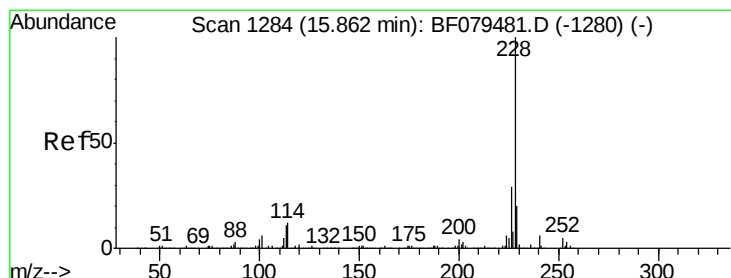
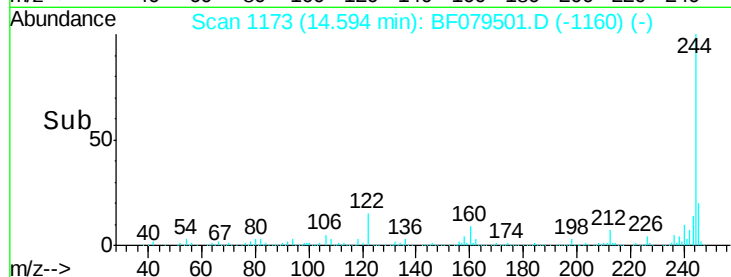
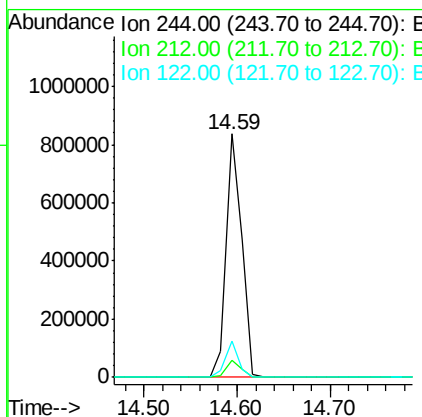
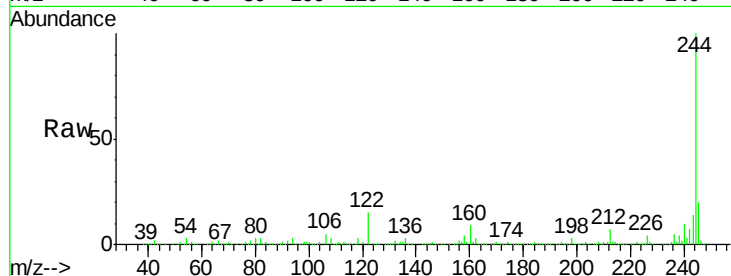
ClientSampled :

SW-022

Tot Ion	Ratio	Resp	Lower	Upper
244	100	971703		
212	7.2		5.2	7.8
122	15.0		8.0	12.0

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#80

Benzo(a)anthracene

Concen: 4.64 ng

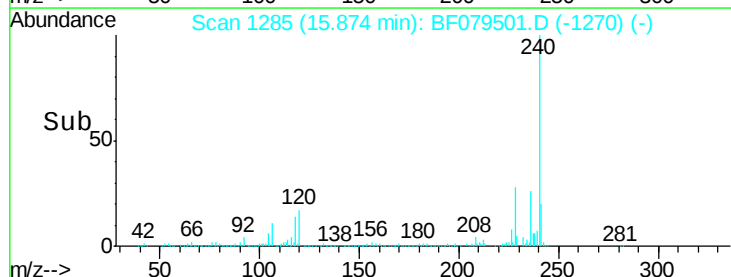
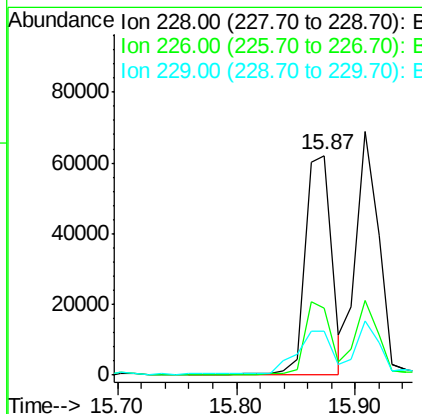
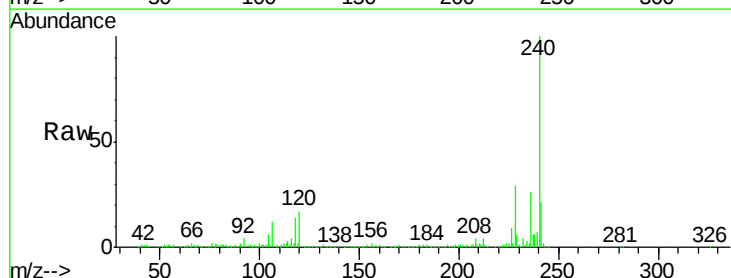
RT: 15.87 min Scan# 1285

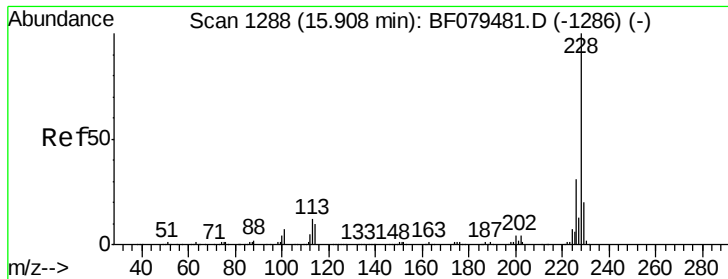
Delta R.T. 0.01 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	96613		
226	30.6		22.8	34.2
229	20.0		15.9	23.9





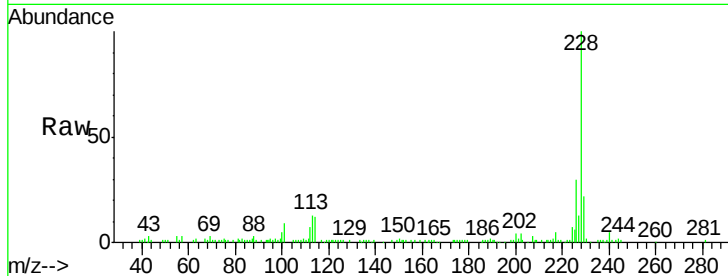
#82
Chrysene
Concen: 4.54 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Instrument :
BNA_F
ClientSampleId :
SW-022

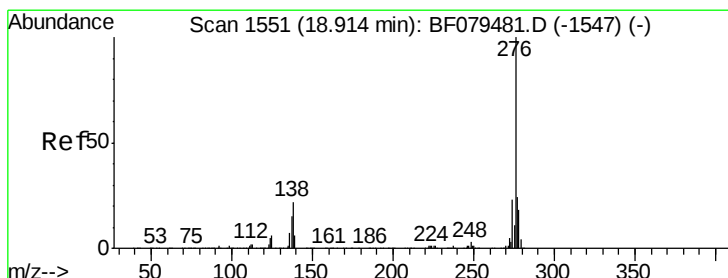
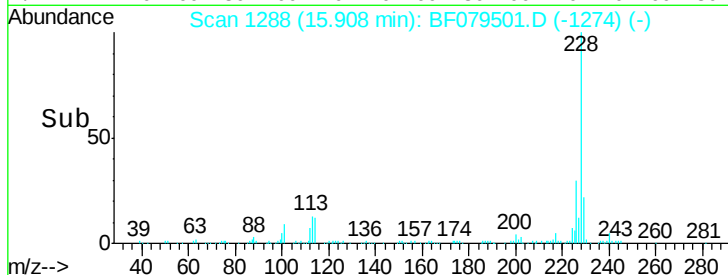
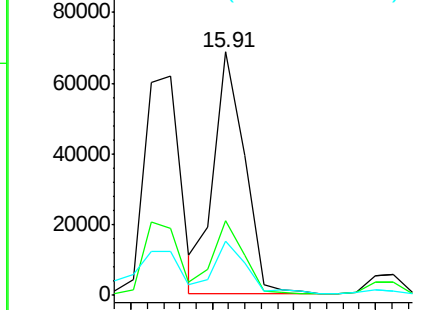
Tot Ion:228	Resp:	89777
Ion Ratio	Lower	Upper
228 100		
226 30.4	25.0	37.4
229 22.1	15.9	23.9

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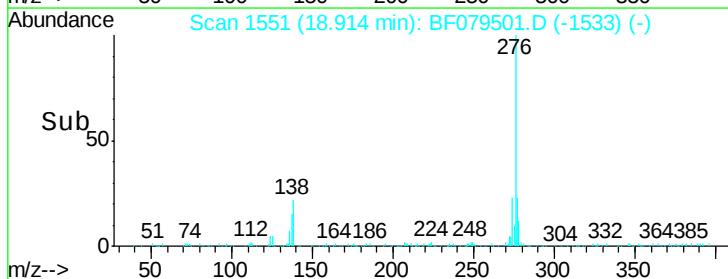
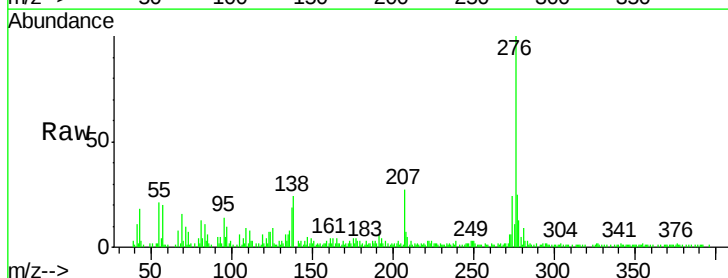
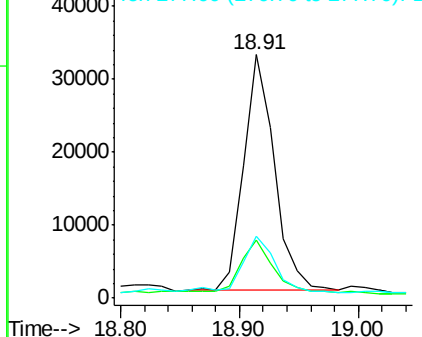
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

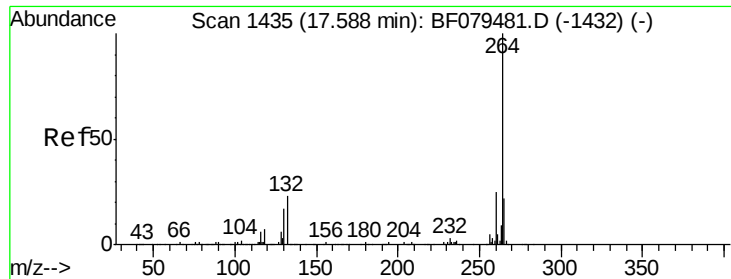


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng
RT: 18.91 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Tgt Ion:276	Resp:	58346
Ion Ratio	Lower	Upper
276 100		
138 26.7	21.4	32.2
277 26.1	19.8	29.6

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

Pervlene-d12

Concen: 20.00 ng

RT: 17.59 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF079501.D

Acq: 27 May 2015 4:18

Instrument :

BNA_F

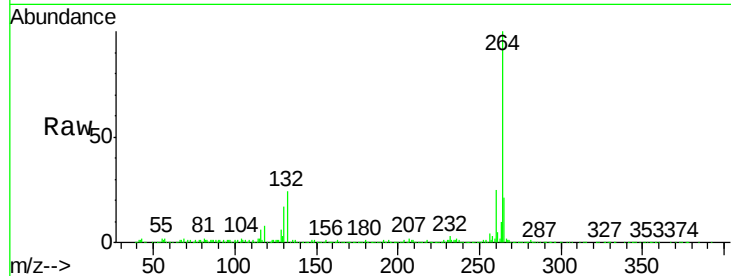
ClientSampleId :

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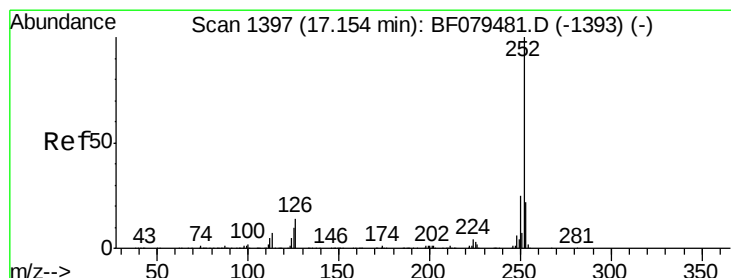
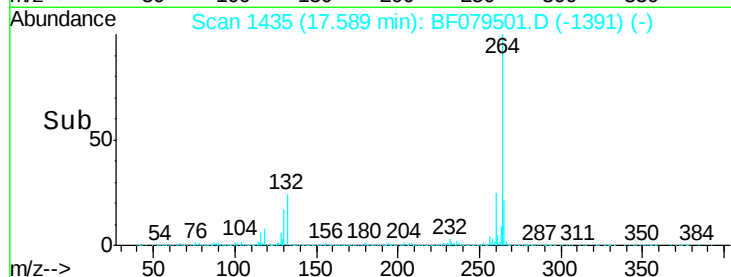
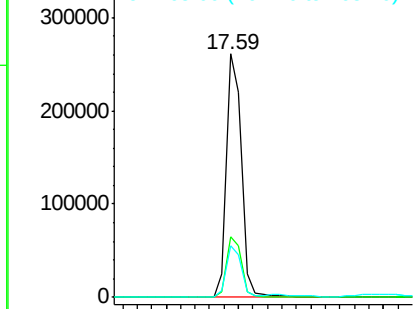
Tot Ion:	264	Resp:	377976
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.8	29.8
265	21.4	17.8	26.6

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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: 6.21 ng m

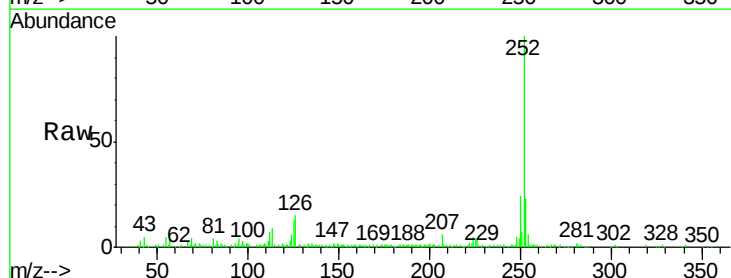
RT: 17.15 min Scan# 1397

Delta R.T. 0.00 min

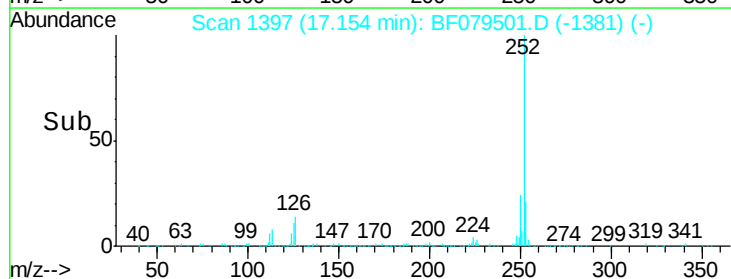
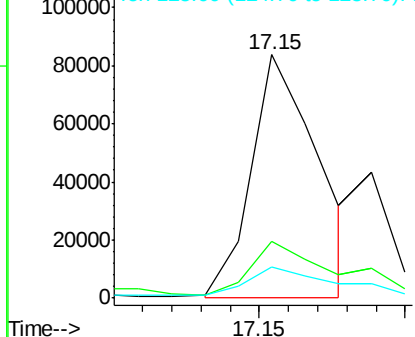
Lab File: BF079501.D

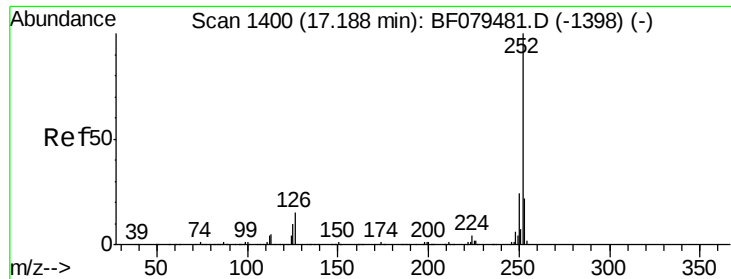
Acq: 27 May 2015 4:18

Tgt Ion:	252	Resp:	133853
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	12.6	7.8	11.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





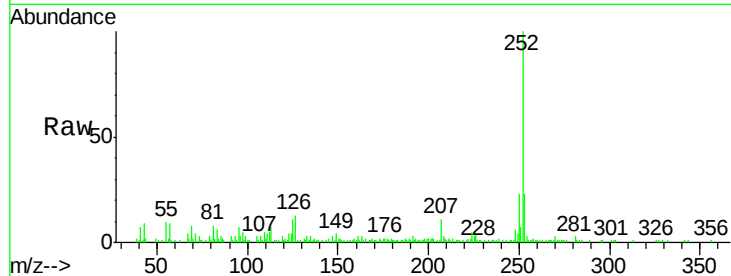
#88
Benzo(k)fluoranthene
Concen: 2.01 ng/mL
RT: 17.19 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Instrument :
BNA_F
ClientSampleId :
SW-022

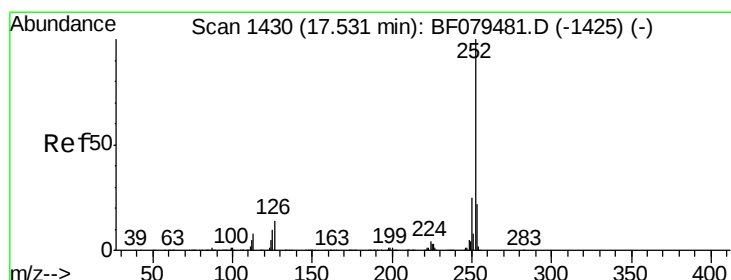
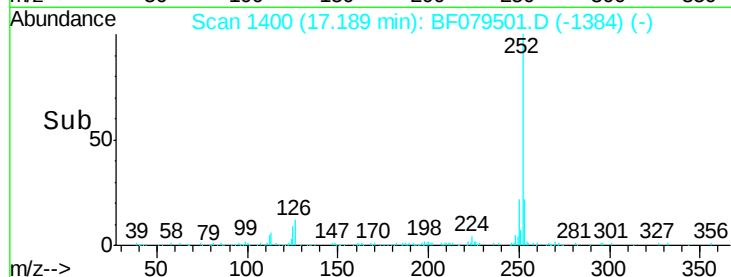
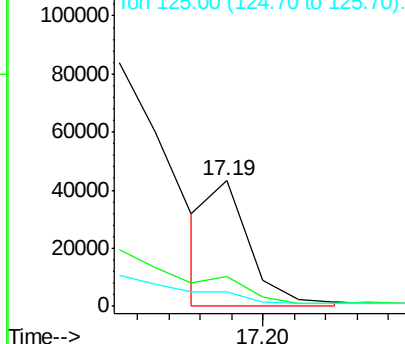
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.4	17.2	25.8	
125	11.3	6.8	10.2	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 2.97 ng/mL
RT: 17.53 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF079501.D
Acq: 27 May 2015 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.6	17.8	26.8	
125	11.2	7.9	11.9	

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

