

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077267.D
 Acq On : 11 Feb 2015 22:45
 Operator : TP/IZ
 Sample : PB81706TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB81706TB

Manual Integrations
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Quant Time: Feb 12 03:28:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	69676	40.00	ng	-0.06
21) Naphthalene-d8	10.45	136	288748m	40.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	137780	40.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	249899	40.00	ng	-0.03
75) Chrysene-d12	20.98	240	234208	40.00	ng	-0.03
86) Perylene-d12	22.61	264	223719	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	227367	107.30	ng	-0.05
7) Phenol-d6	6.97	99	287223	107.45	ng	-0.05
23) Nitrobenzene-d5	8.85	82	177885	68.26	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	60790	108.71	ng	-0.03
44) 2-Fluorobiphenyl	13.11	172	376789	83.23	ng	-0.06
78) Terphenyl-d14	19.72	244	354690	69.73	ng	-0.03

Target Compounds Qvalue

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

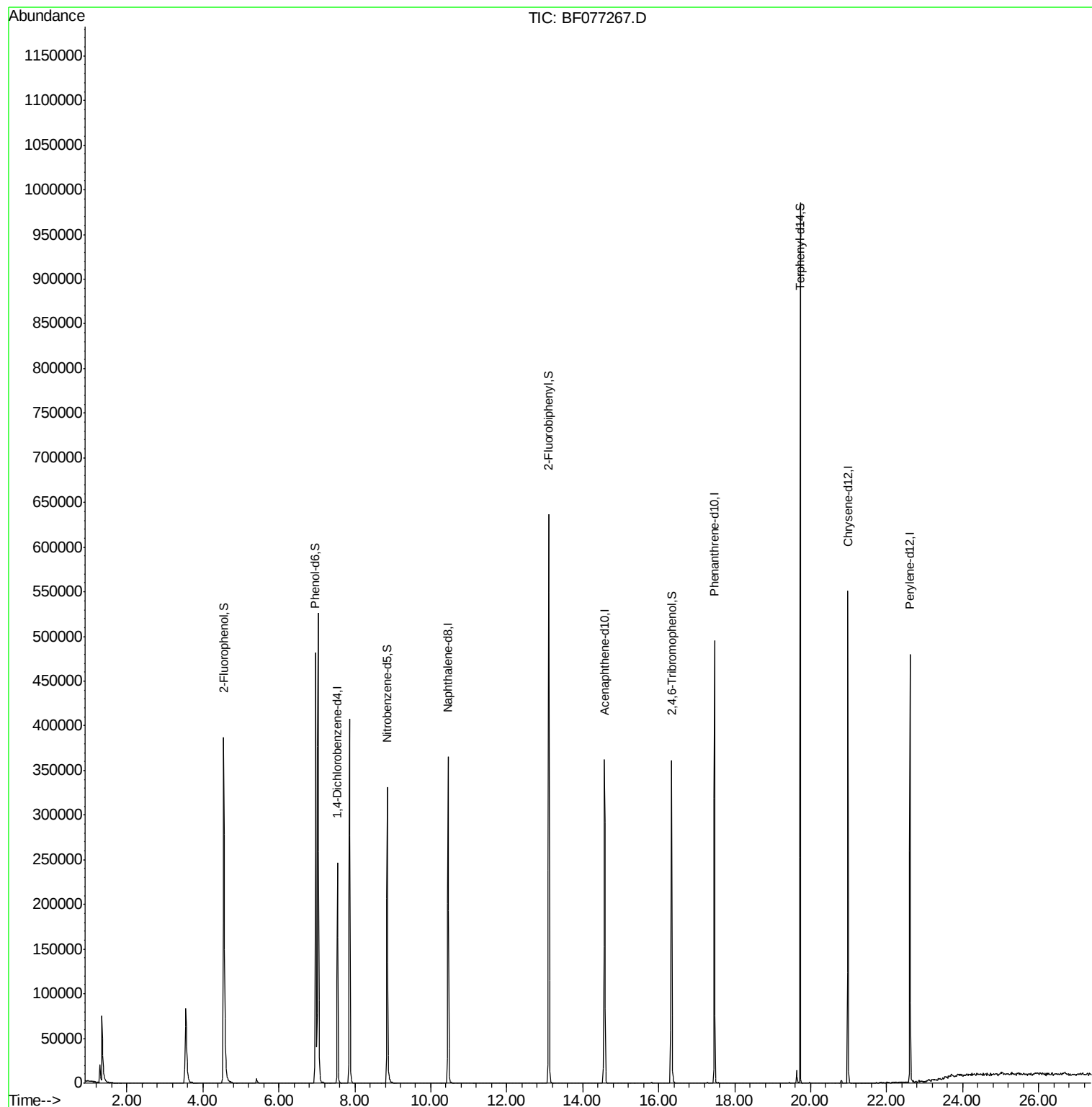
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
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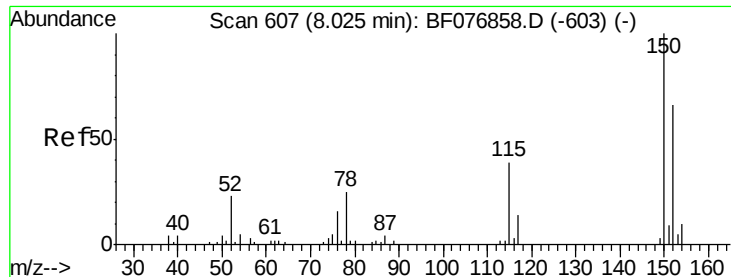
Instrument :
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#1

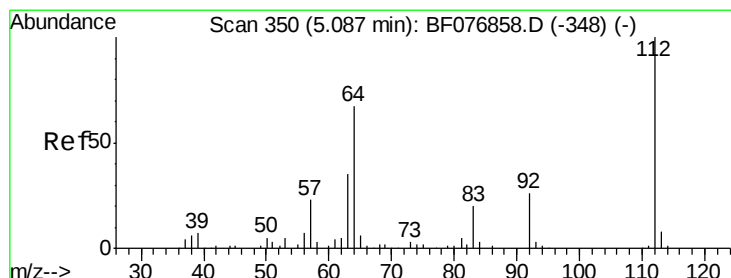
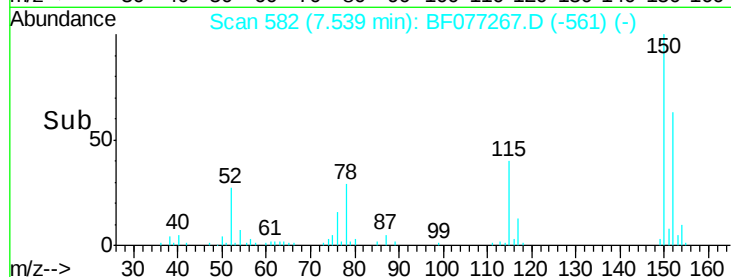
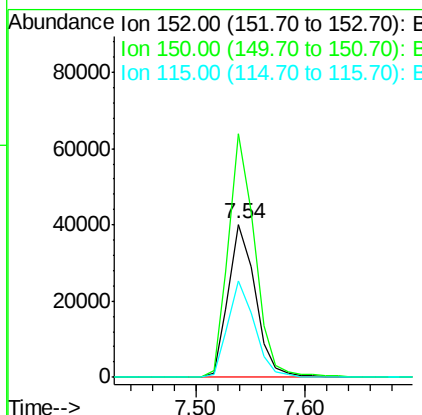
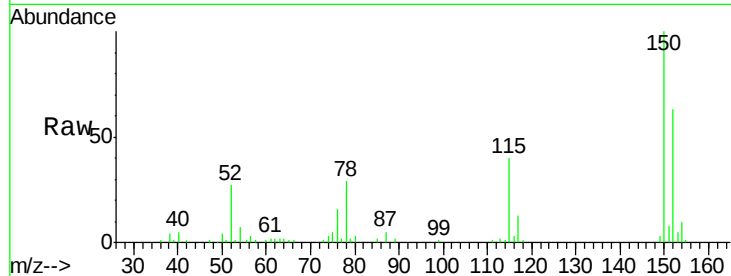
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077267.D
Acq: 11 Feb 2015 22:45

Instrument :
BNA_F
ClientSampleId :
PB81706TB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	121.7	182.5
115	63.0	47.0	70.6

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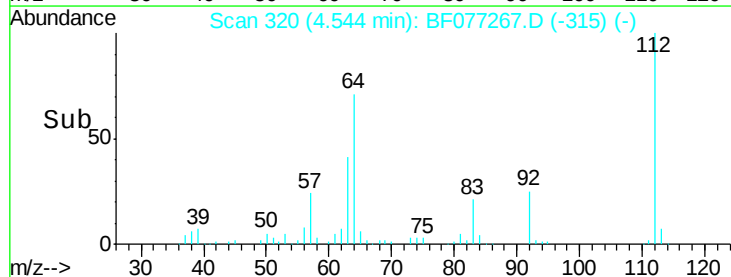
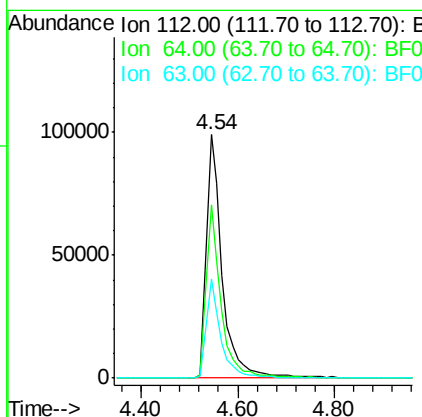
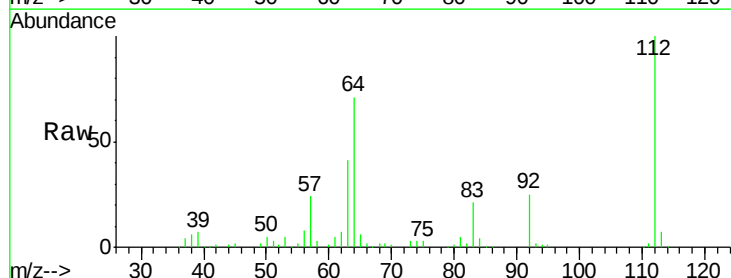
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#5

2-Fluorophenol
Concen: 107.30 ng
RT: 4.54 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF077267.D
Acq: 11 Feb 2015 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	54.2	81.4
63	40.5	28.4	42.6





#7

Phenol-d6

Concen: 107.45 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077267.D

Acq: 11 Feb 2015 22:45

Instrument :

BNA_F

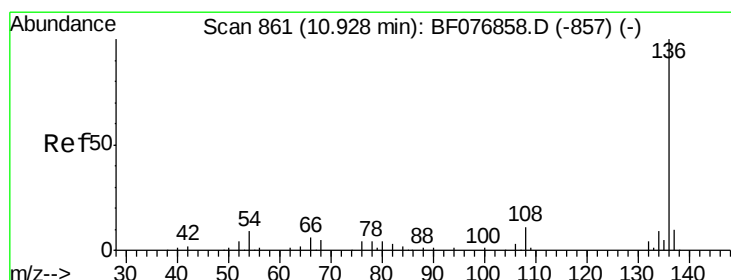
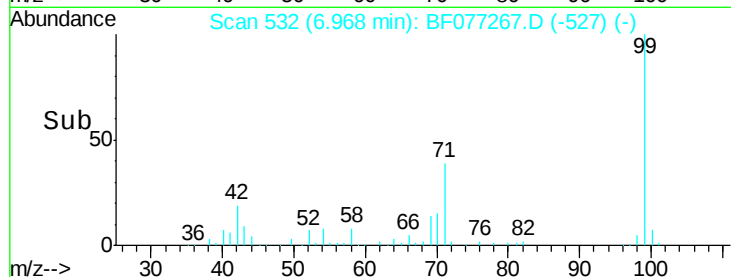
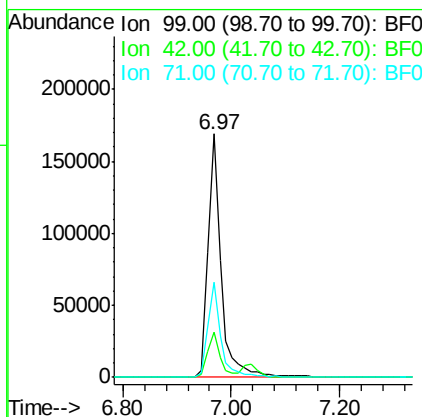
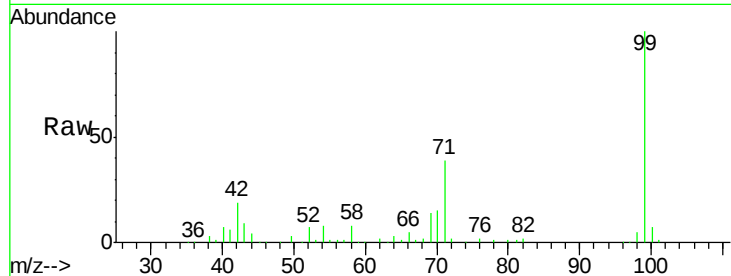
ClientSampleId :

PB81706TB

Tgt Ion:	99	Resp:	287223
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.0	22.4
71	38.8	30.5	45.7

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#21

Naphthalene-d8

Concen: 40.00 ng m

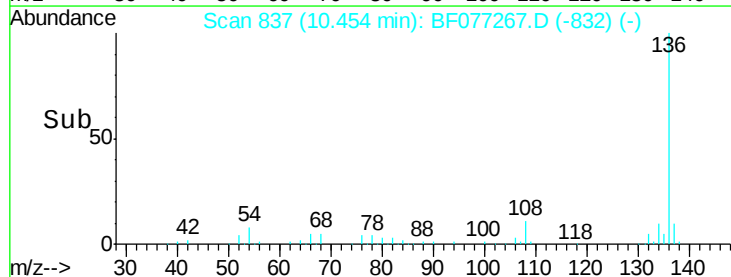
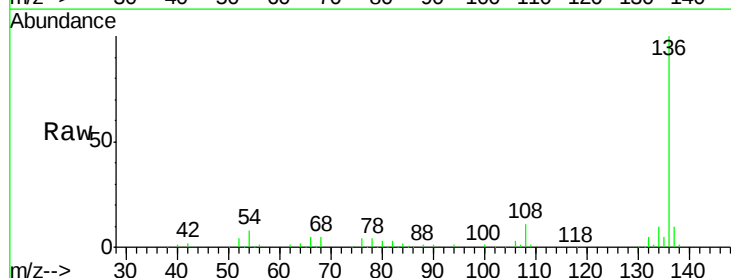
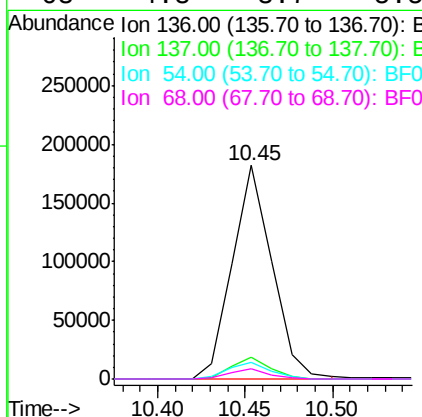
RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077267.D

Acq: 11 Feb 2015 22:45

Tgt Ion:	136	Resp:	288748
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.1	12.1
54	7.6	7.0	10.4
68	4.8	3.7	5.5





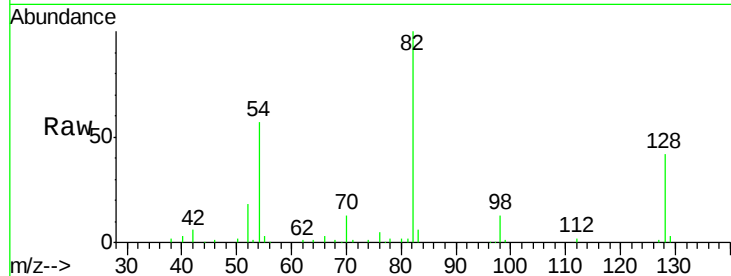
#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81706TB

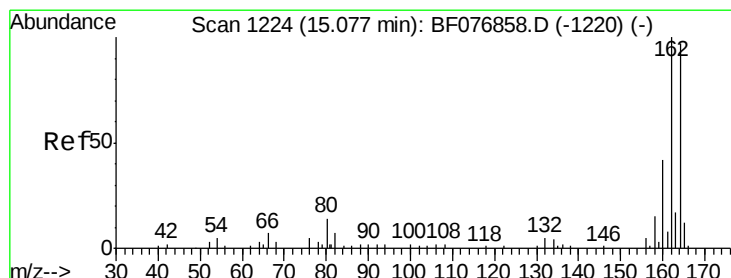
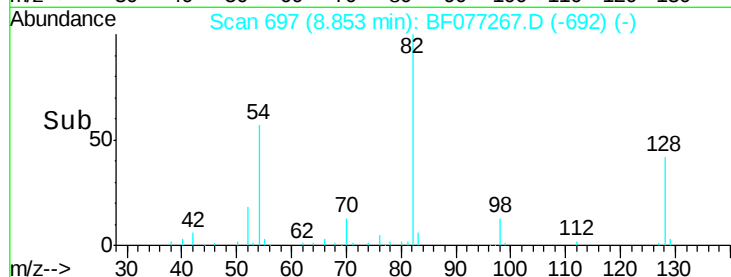
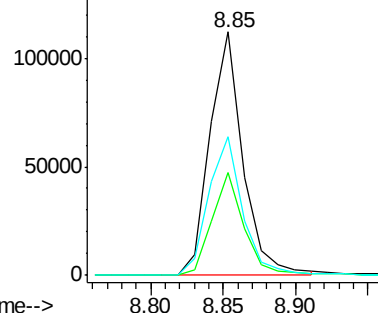
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.5	33.1	49.7
54	56.7	48.3	72.5

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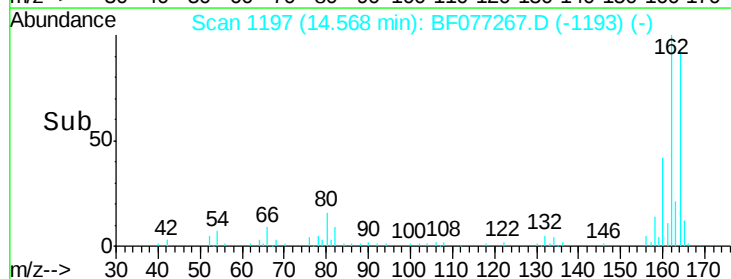
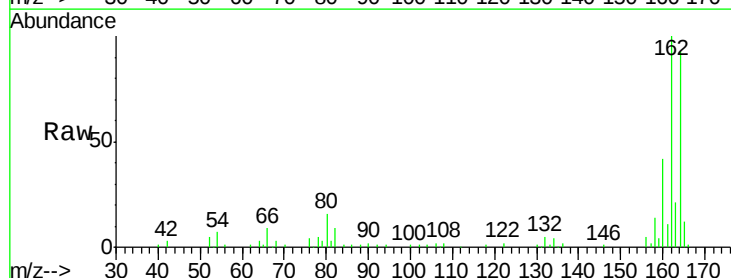
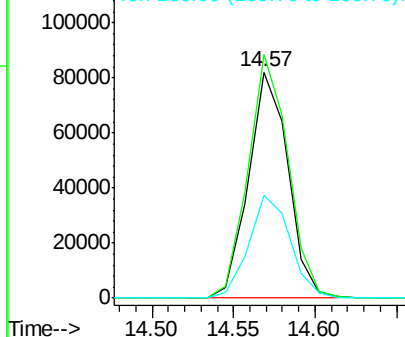
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	107.6	82.4	123.6
160	45.5	34.8	52.2

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





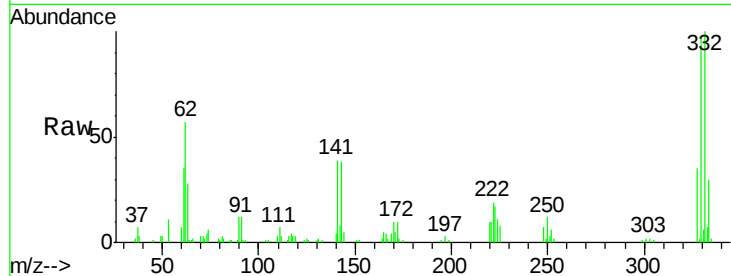
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81706TB

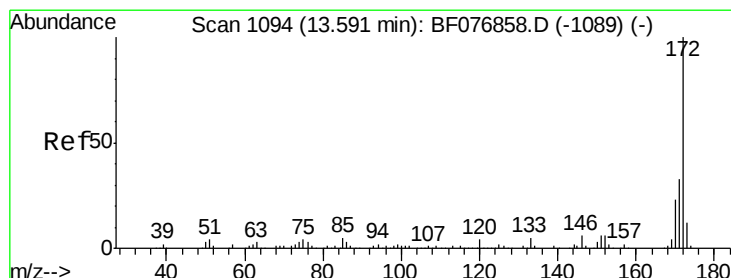
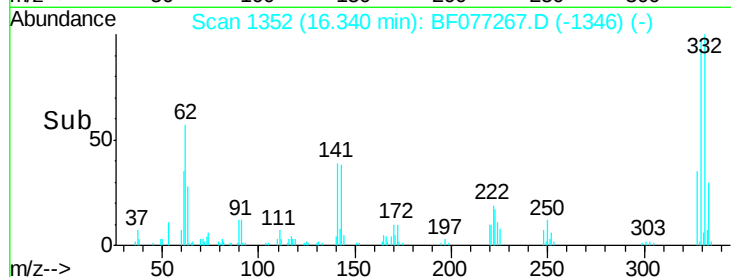
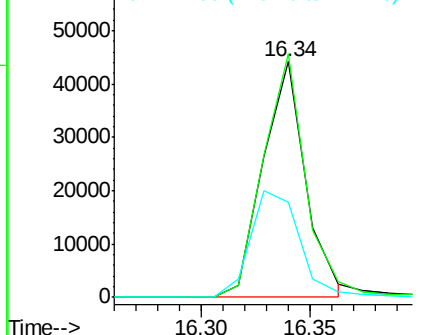
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60790		
332	101.9	77.8	116.6	
141	51.8	38.5	57.7	

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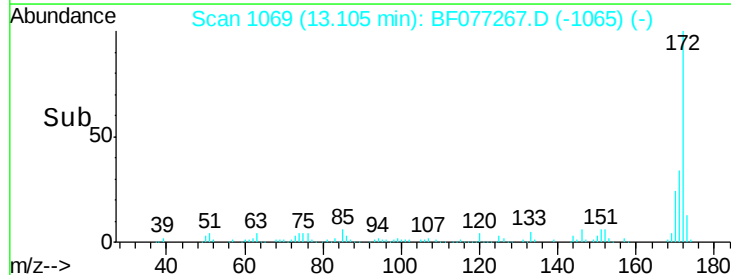
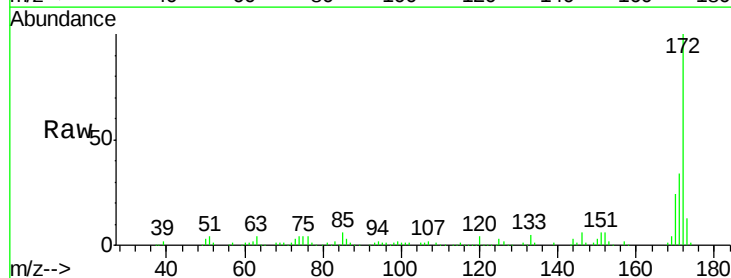
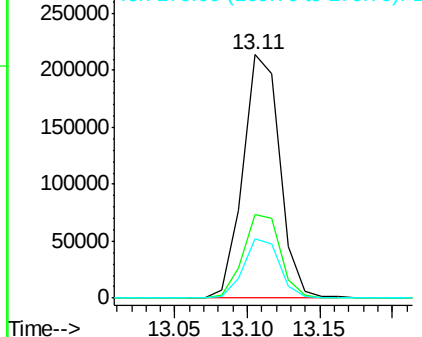
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.23 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.06 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	376789		
171	34.1	26.6	40.0	
170	24.3	18.0	27.0	

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





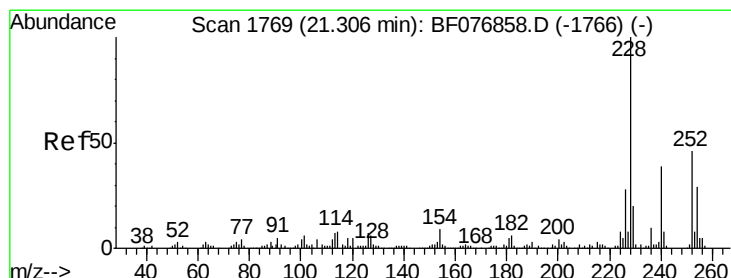
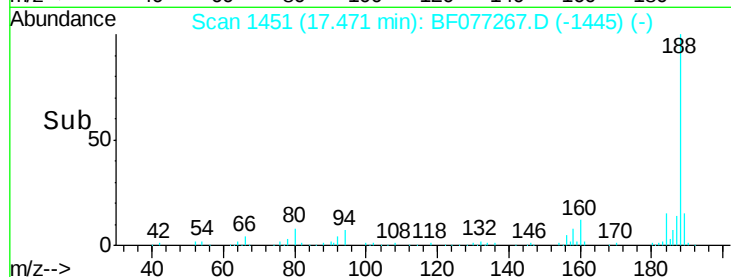
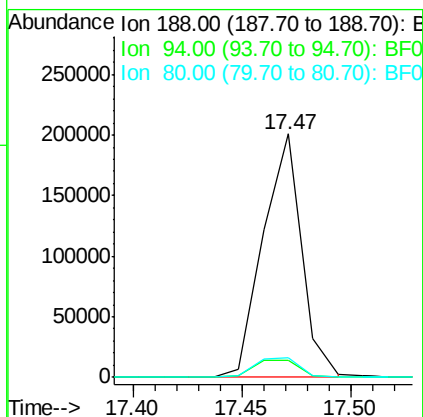
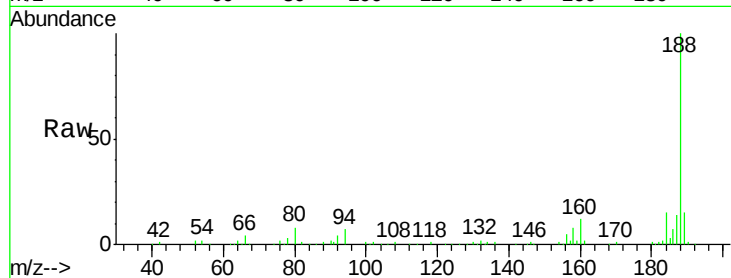
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077267.D
Acq: 11 Feb 2015 22:45

Instrument :
BNA_F
ClientSampleId :
PB81706TB

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	6.0	9.0
80	8.1	6.9	10.3

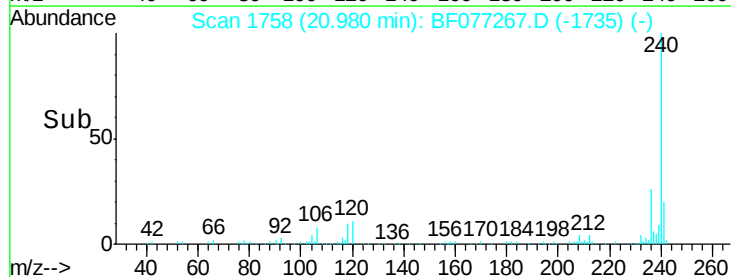
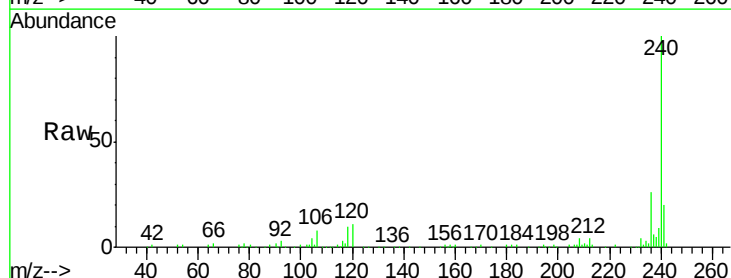
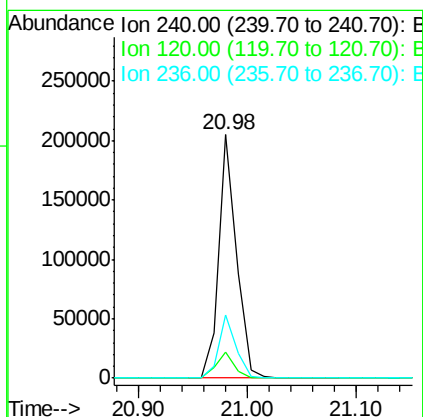
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#75
Chrysene-d12
Concen: 40.00 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF077267.D
Acq: 11 Feb 2015 22:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	10.4	15.6
236	25.8	20.2	30.2





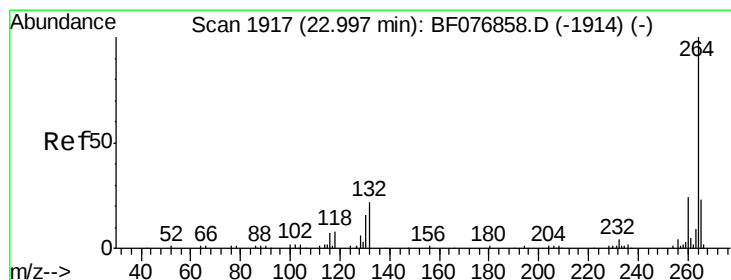
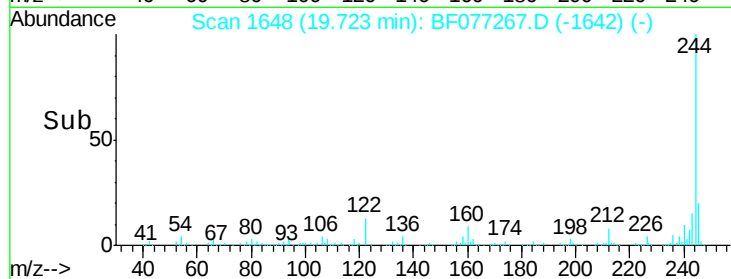
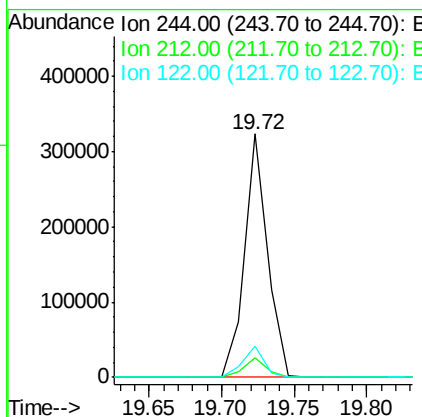
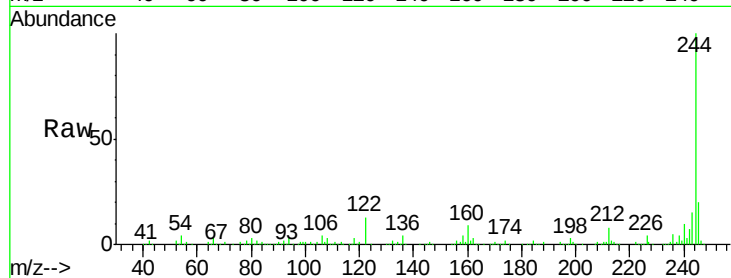
#78
 Terphenyl-d14
 Concen: 69.73 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81706TB

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	6.3	9.5
122	12.6	10.1	15.1

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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 22.61 min Scan# 1901
 Delta R.T. -0.05 min
 Lab File: BF077267.D
 Acq: 11 Feb 2015 22:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	19.0	28.4
265	21.0	18.1	27.1

