

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085206.D
 Acq On : 4 Mar 2016 16:54
 Operator : SJ/IZ
 Sample : PB88703BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Manual Integrations
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 3/7/2016 9:32:09 AM

Quant Time: Mar 04 22:22:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165451	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	657498	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	319853	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	620140	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	422543	20.00	ng	-0.02
86) Perylene-d12	15.60	264	292354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1015583	102.96	ng	0.00
7) Phenol-d6	6.60	99	1342910	103.92	ng	-0.01
23) Nitrobenzene-d5	7.53	82	863206	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	305638	111.67	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1400934	66.61	ng	-0.02
78) Terphenyl-d14	13.09	244	1396560	76.73	ng	0.00

Target Compounds Qvalue

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

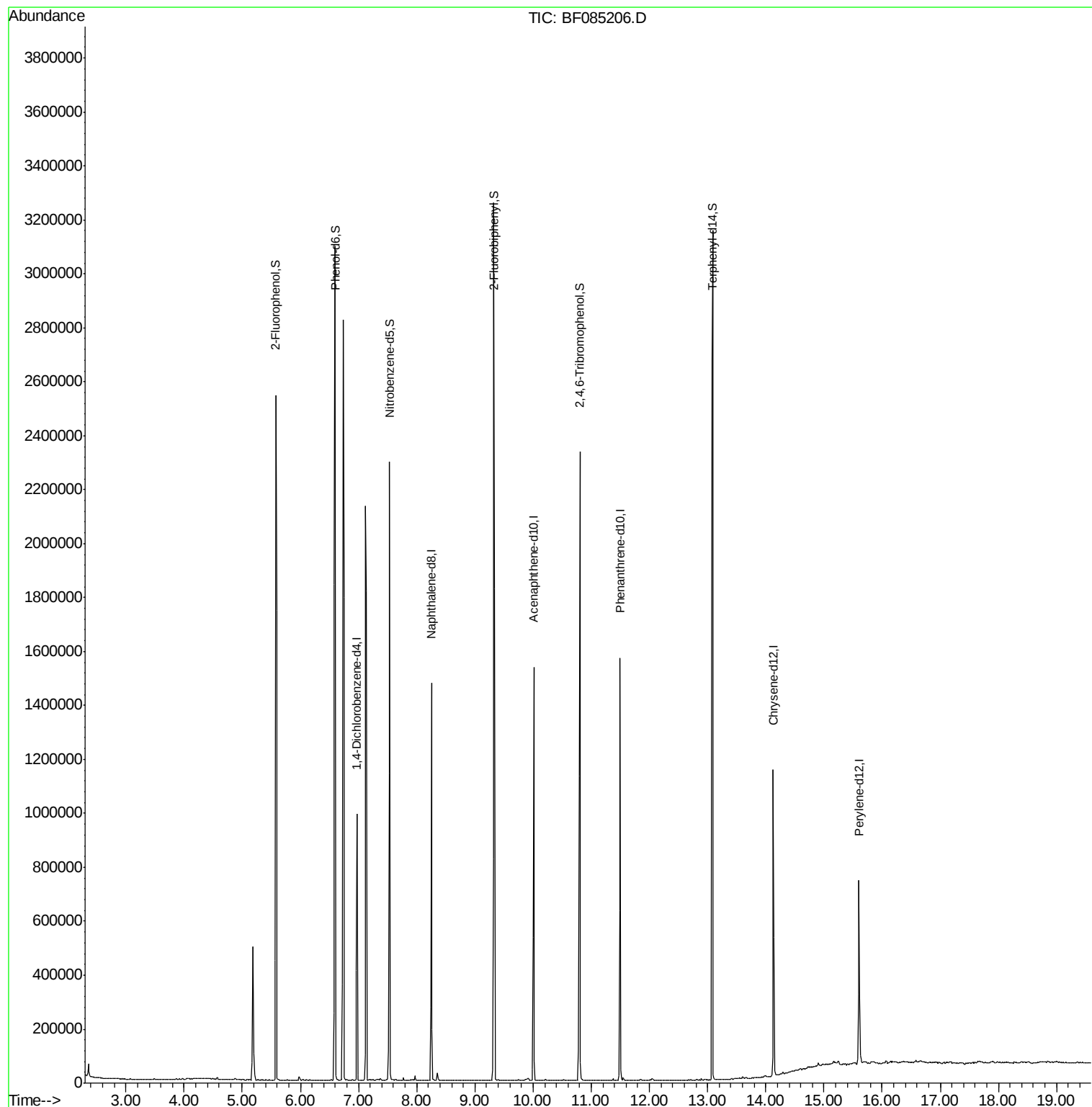
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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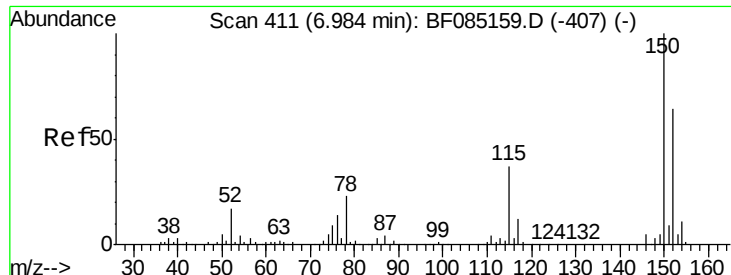
Instrument :
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#1

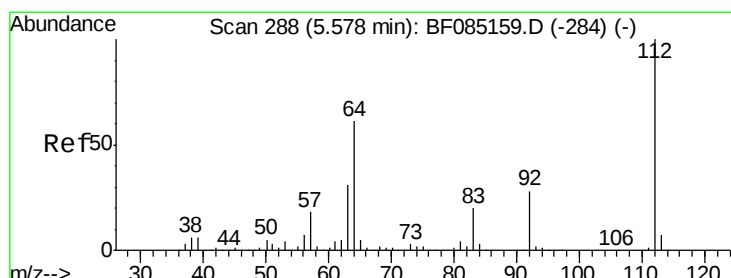
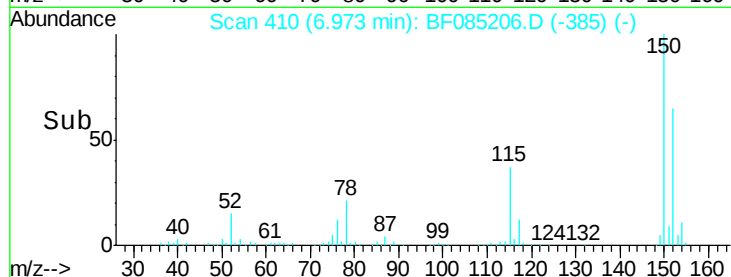
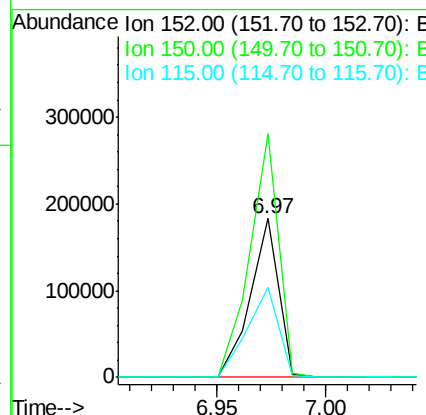
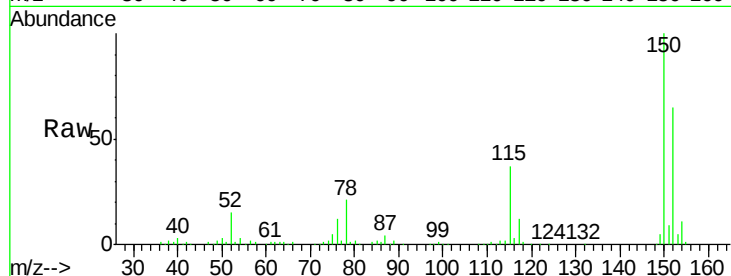
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB88703BL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	165451		
150	153.1	124.6	186.8	
115	56.3	46.6	70.0	

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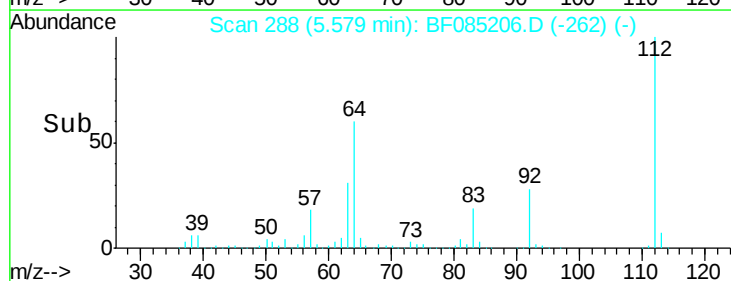
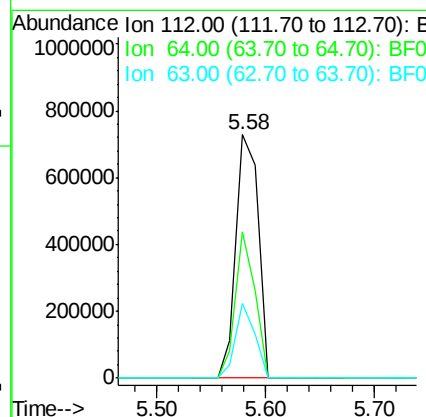
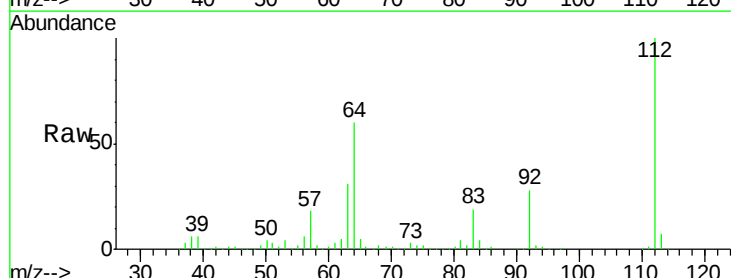
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#5

2-Fluorophenol
Concen: 102.96 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1015583		
64	60.3	49.0	73.4	
63	30.5	24.8	37.2	





#7

Phenol-d6

Concen: 103.92 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

Tot Ion: 99 Resp: 1342910

Ion Ratio Lower Upper

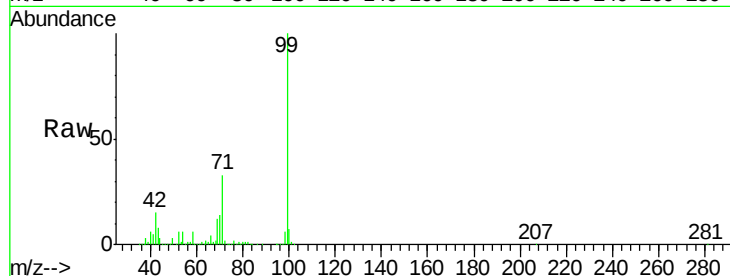
99 100

42 15.3 13.6 20.4

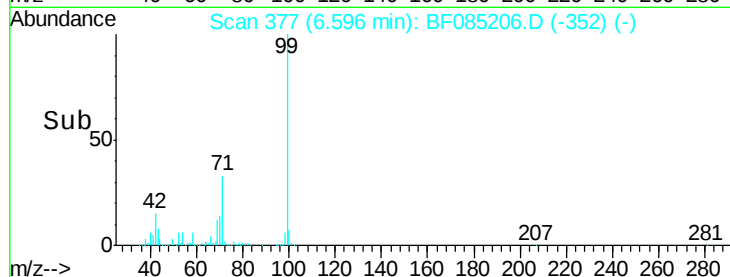
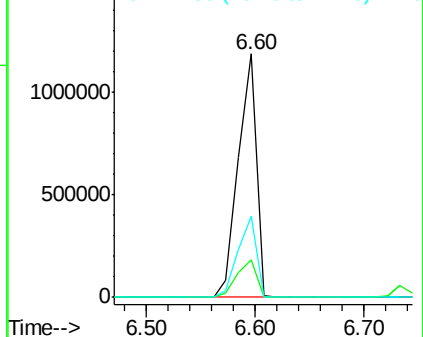
71 33.1 26.7 40.1

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Tgt Ion: 136 Resp: 657498

Ion Ratio Lower Upper

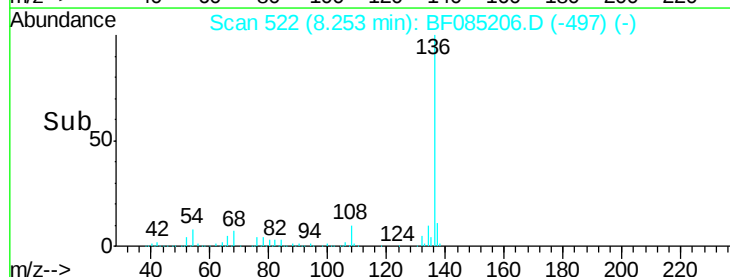
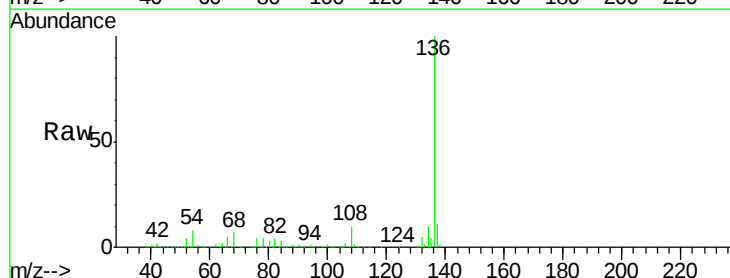
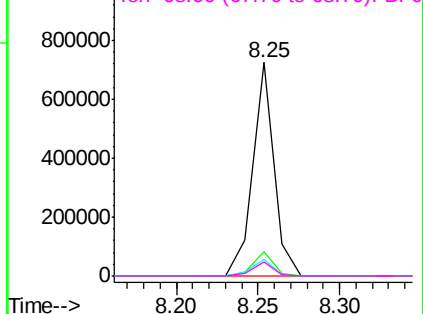
136 100

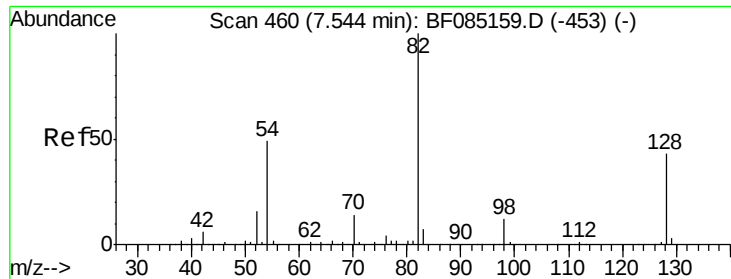
137 11.3 9.3 13.9

54 8.0 7.4 11.2

68 6.9 6.0 9.0

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





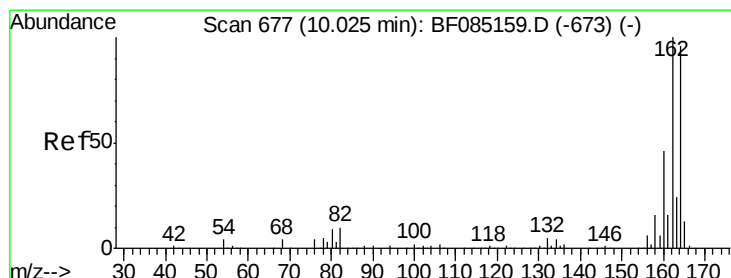
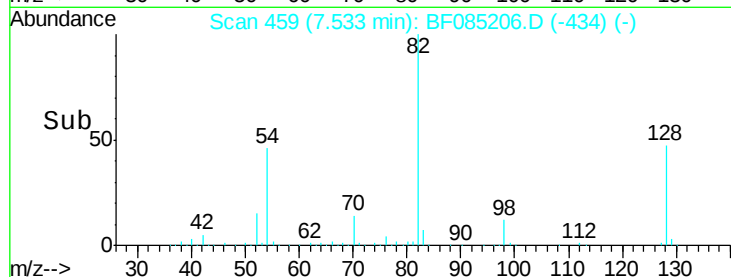
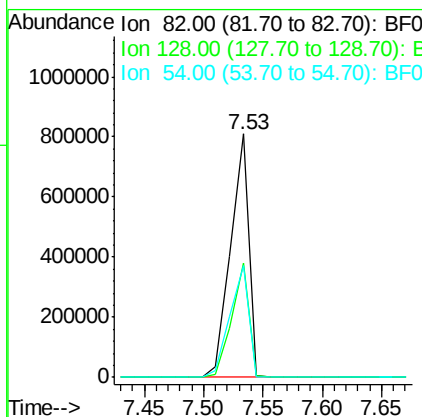
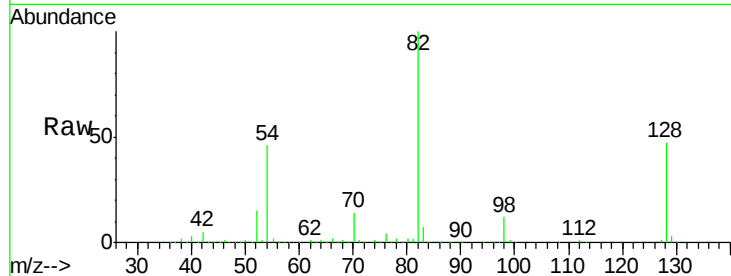
#23
 Nitrobenzene-d5
 Concen: 70.25 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.5	51.7
54	45.7	39.3	58.9

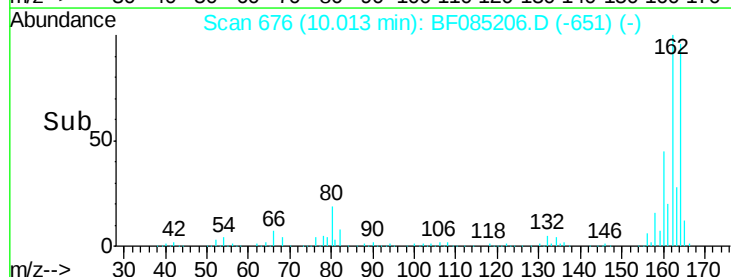
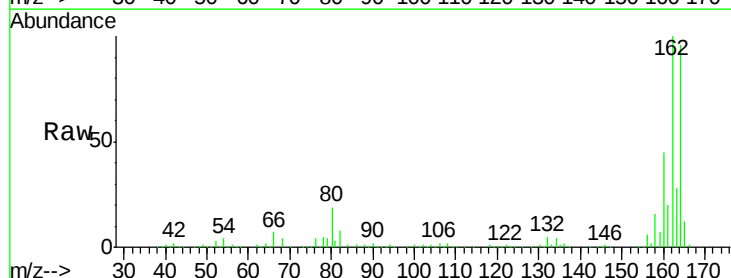
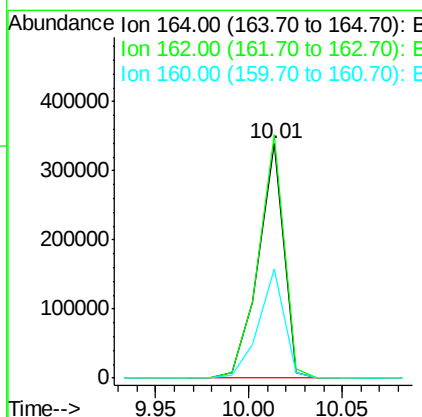
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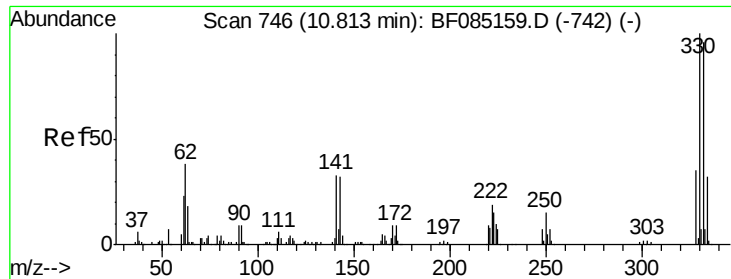
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.3	124.9
160	46.8	37.9	56.9





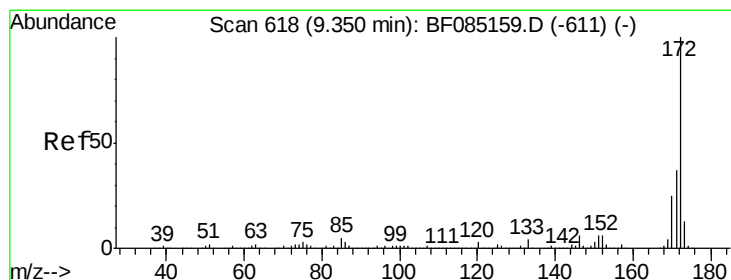
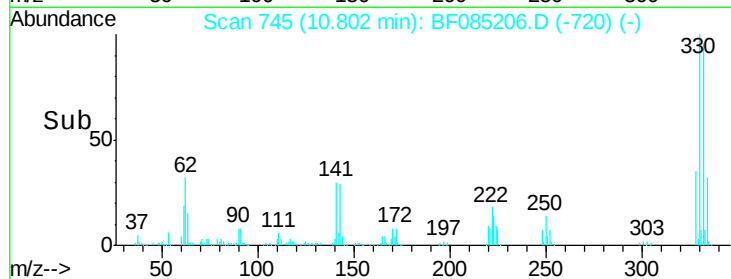
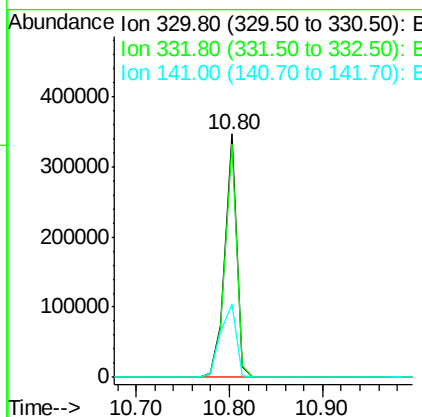
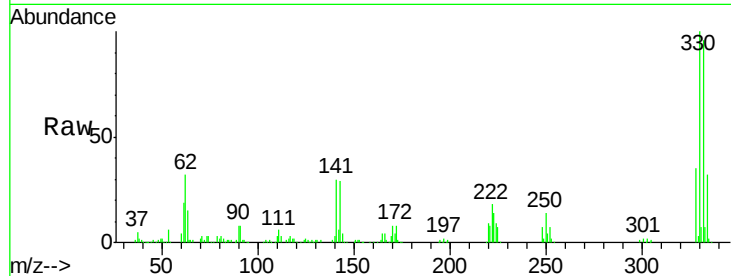
#41
 2,4,6-Tribromophenol
 Concen: 111.67 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	305638		
332	96.4	77.1	115.7	
141	39.7	35.0	52.6	

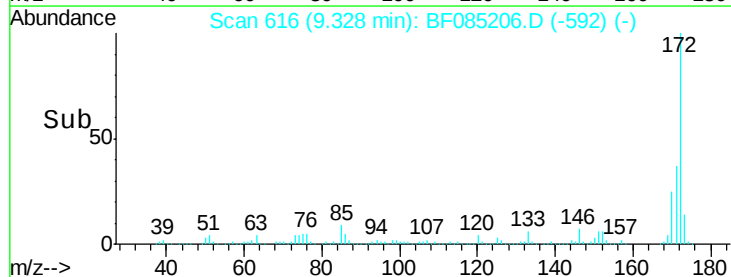
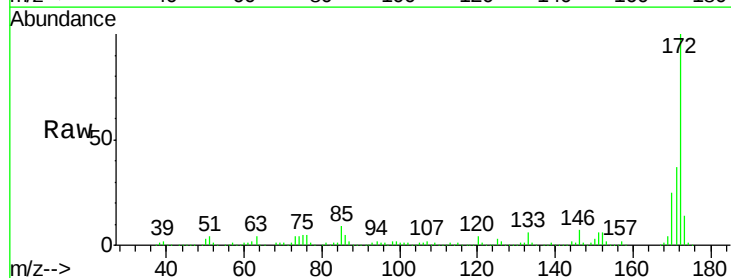
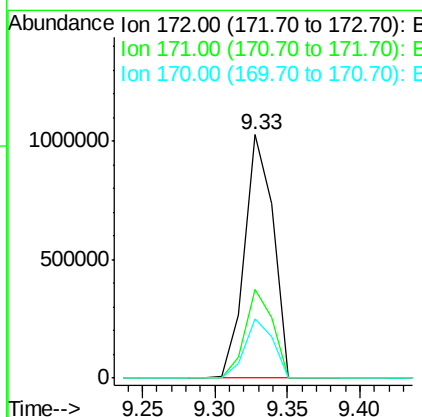
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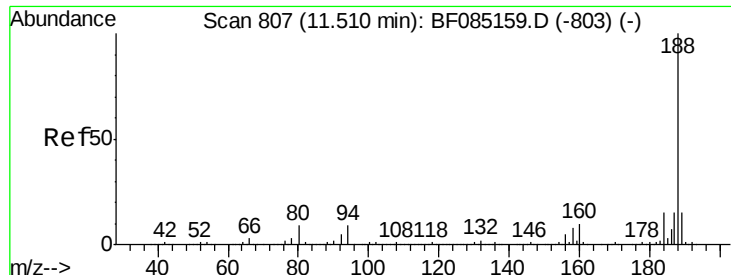
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#44
 2-Fluorobiphenyl
 Concen: 66.61 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1400934		
171	36.6	29.3	43.9	
170	24.5	20.0	30.0	





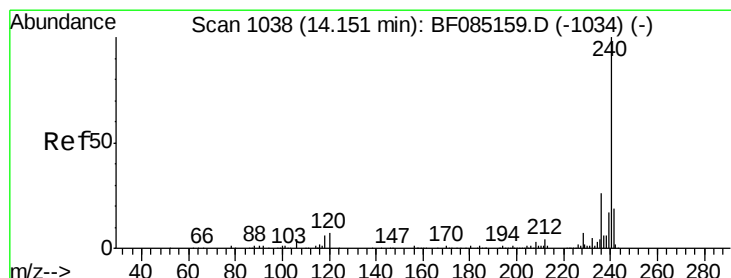
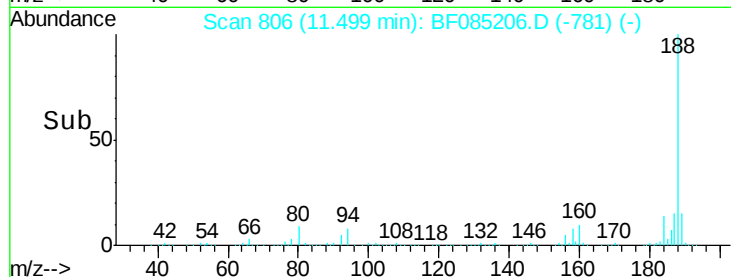
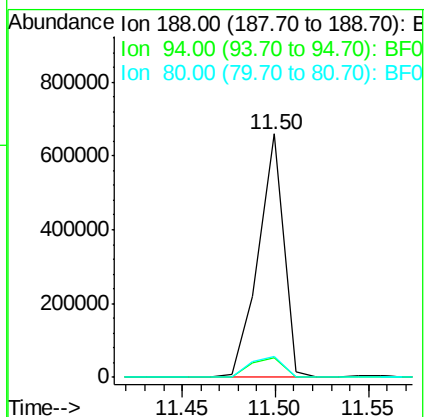
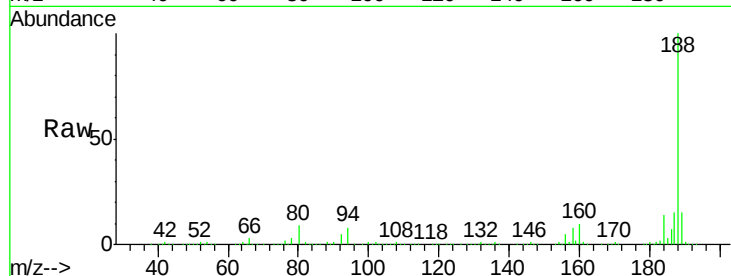
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB88703BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	7.0	10.6
80	8.6	7.4	11.0

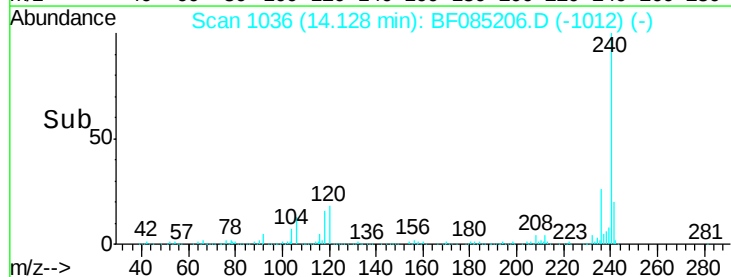
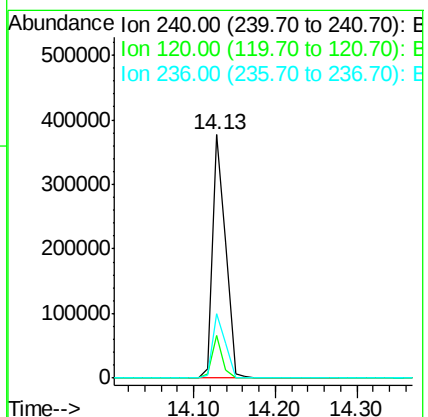
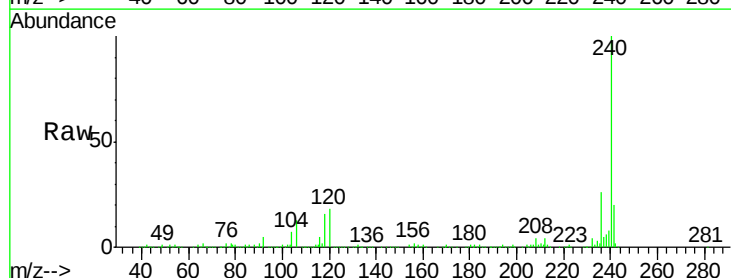
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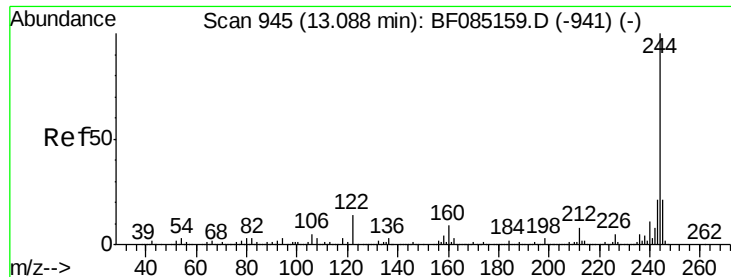
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.6	5.3	7.9#
236	26.4	20.7	31.1





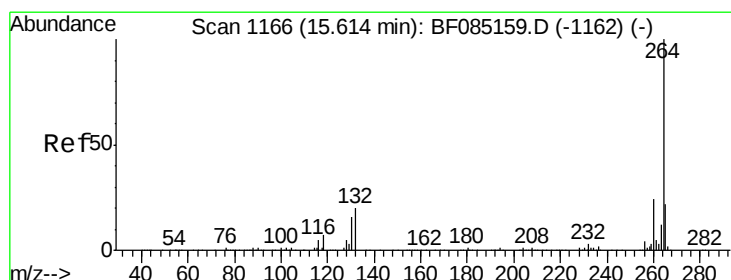
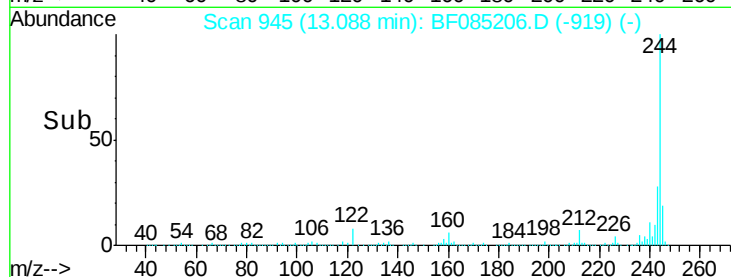
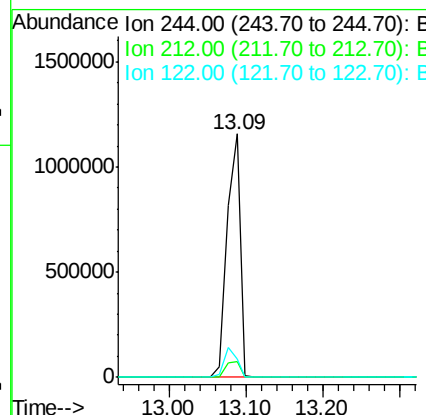
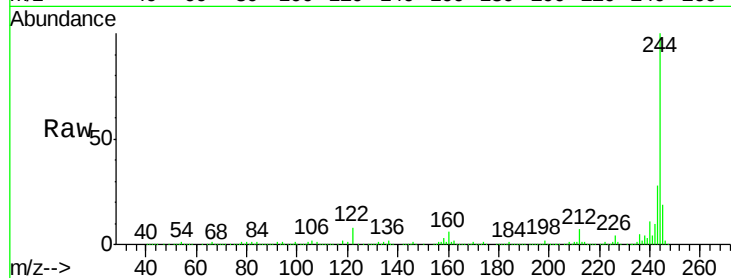
#78
 Terphenyl-d14
 Concen: 76.73 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	7.6	11.4	17.2

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.3	25.9

