

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085229.D
 Acq On : 5 Mar 2016 3:35
 Operator : SJ/IZ
 Sample : H1676-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)

Manual Integrations
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 3/7/2016 9:32:33 AM

Quant Time: Mar 05 04:40:35 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	156008	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	657025	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	306666	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	564919	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	395414	20.00	ng	-0.02
86) Perylene-d12	15.59	264	242240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1189157	127.86	ng	0.01
7) Phenol-d6	6.60	99	1369594	112.40	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1100669	89.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	436819	166.47	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1714820	85.04	ng	-0.02
78) Terphenyl-d14	13.09	244	1764198	103.57	ng	0.00

Target Compounds Qvalue

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

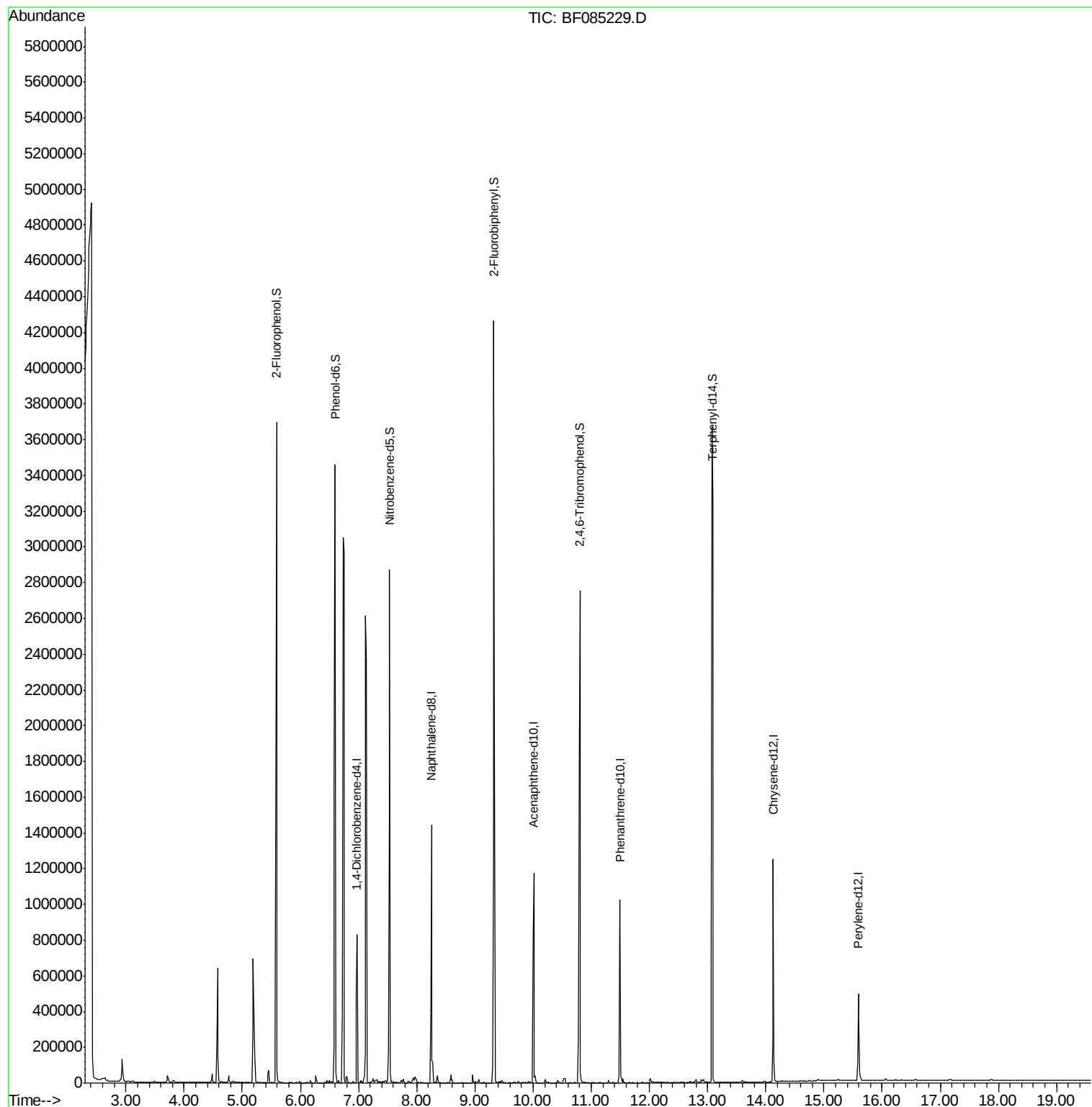
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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#1

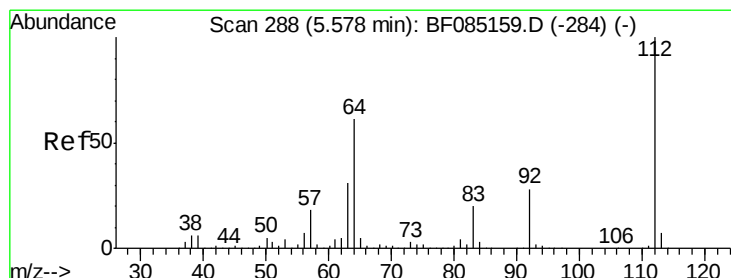
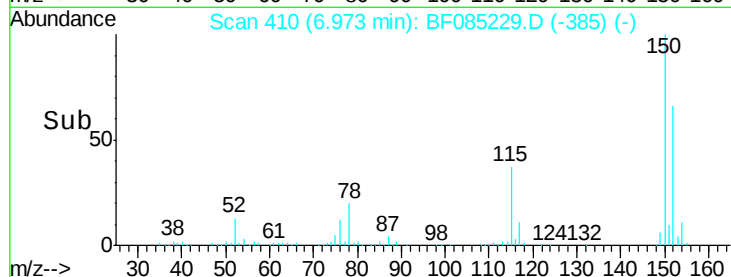
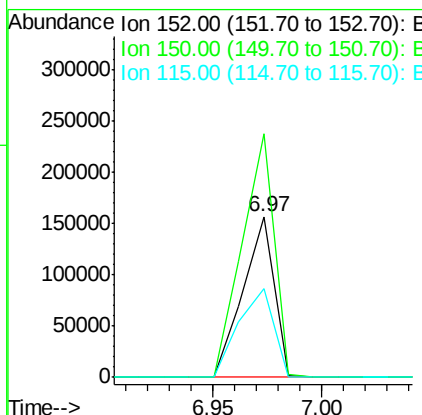
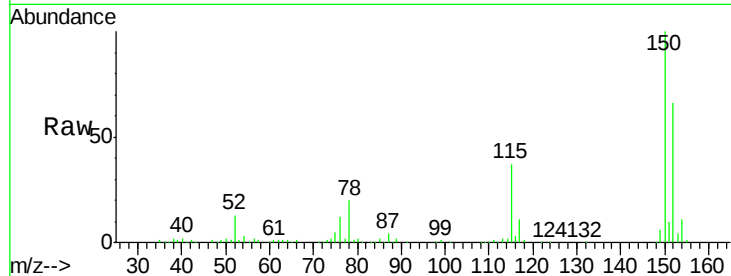
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085229.D
Acq: 5 Mar 2016 3:35

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.6	186.8
115	55.2	46.6	70.0

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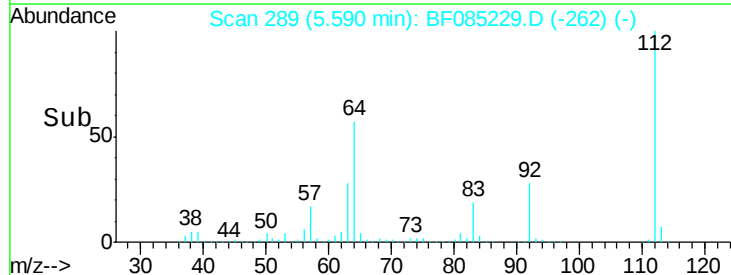
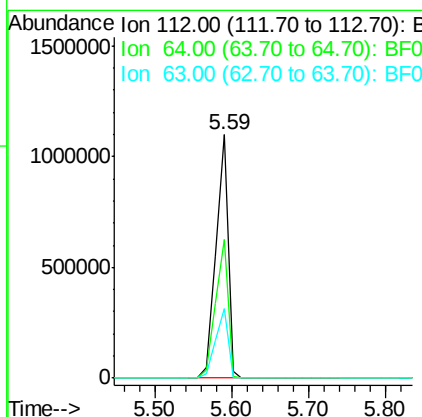
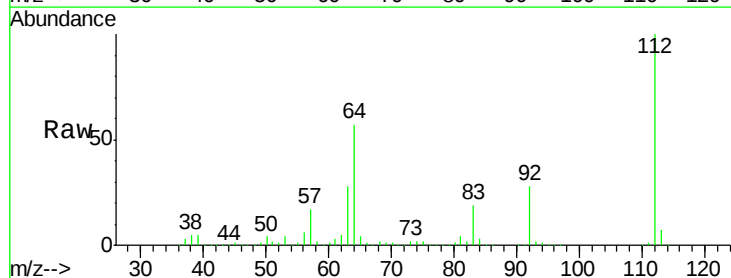
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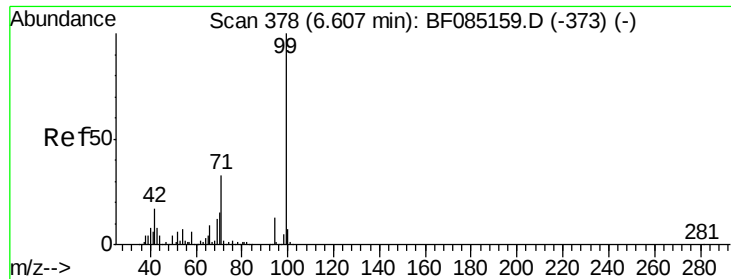


#5

2-Fluorophenol
Concen: 127.86 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085229.D
Acq: 5 Mar 2016 3:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	49.0	73.4
63	28.4	24.8	37.2





#7

Phenol-d6

Concen: 112.40 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085229.D

Acq: 5 Mar 2016 3:35

Instrument :

BNA_F

ClientSampleId :

SP-004(0-2)

Tot Ion: 99 Resp: 1369594

Ion Ratio Lower Upper

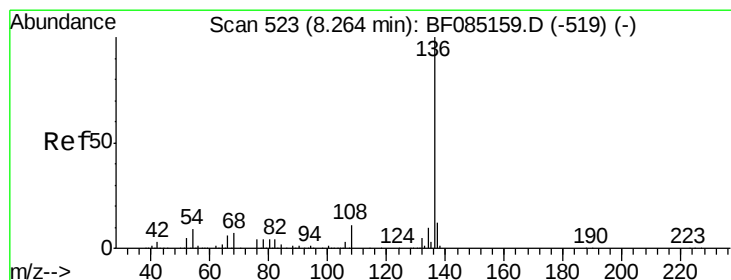
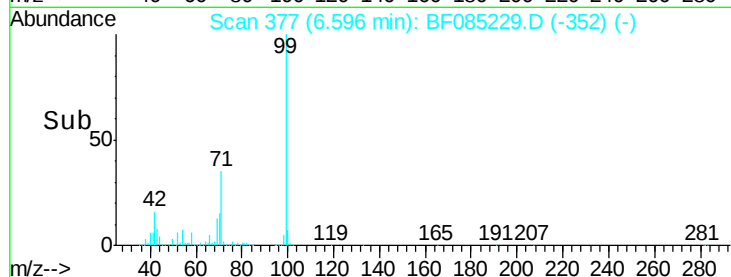
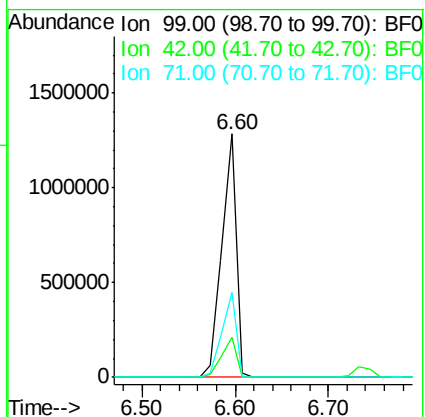
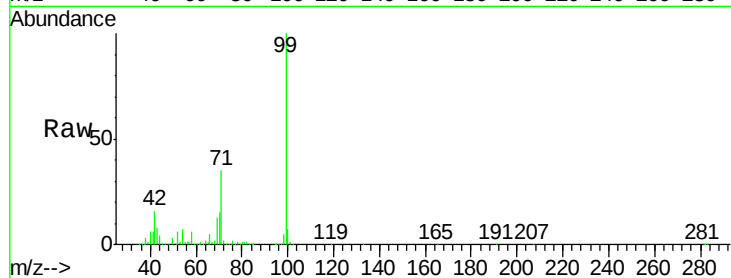
99 100

42 16.3 13.6 20.4

71 34.8 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085229.D

Acq: 5 Mar 2016 3:35

Tgt Ion: 136 Resp: 657025

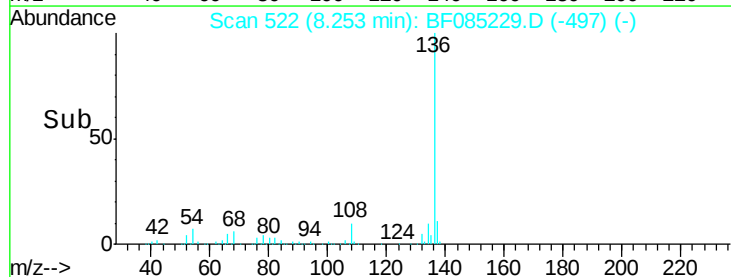
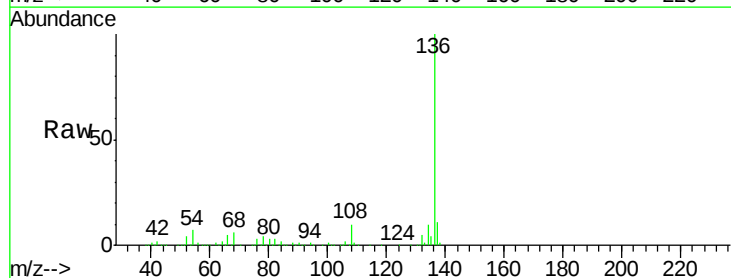
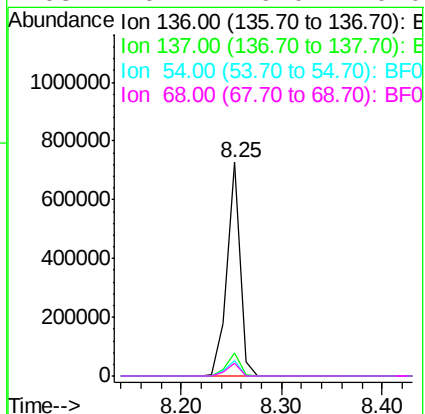
Ion Ratio Lower Upper

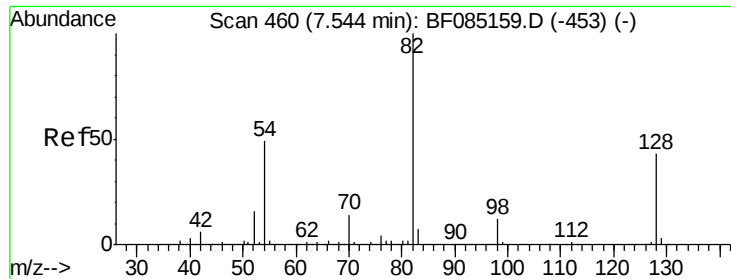
136 100

137 11.1 9.3 13.9

54 7.2 7.4 11.2#

68 6.1 6.0 9.0





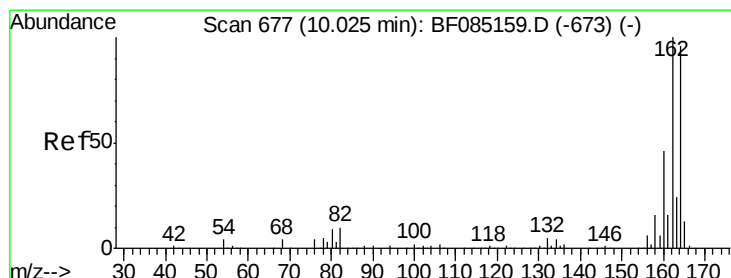
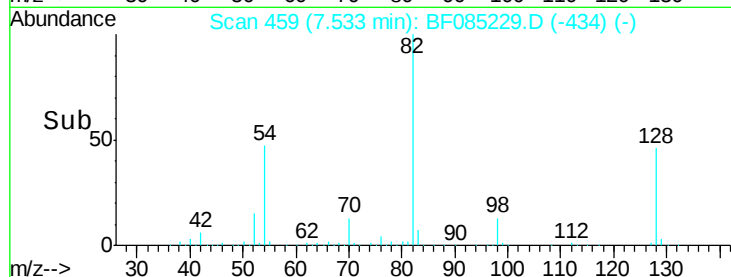
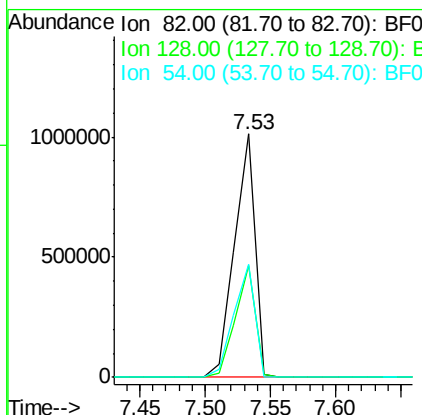
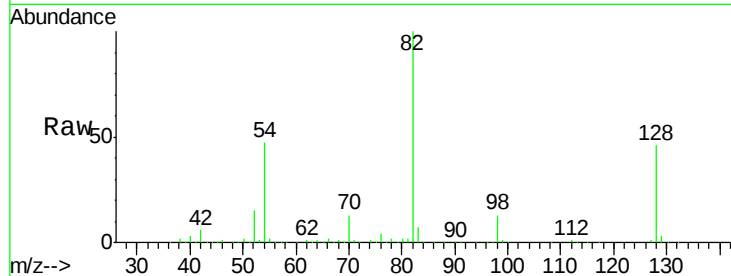
#23
 Nitrobenzene-d5
 Concen: 89.64 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)

Tot Ion	82	Resp	1100669
Ion Ratio	100	Lower	Upper
82	100		
128	45.9	34.5	51.7
54	46.7	39.3	58.9

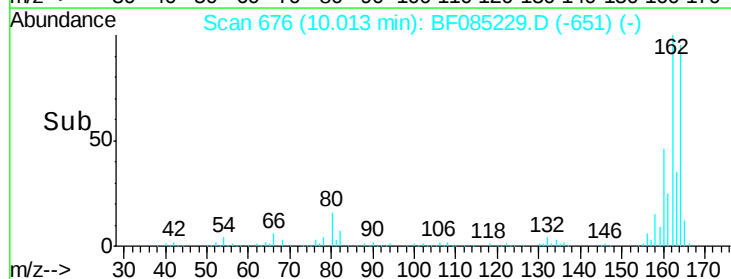
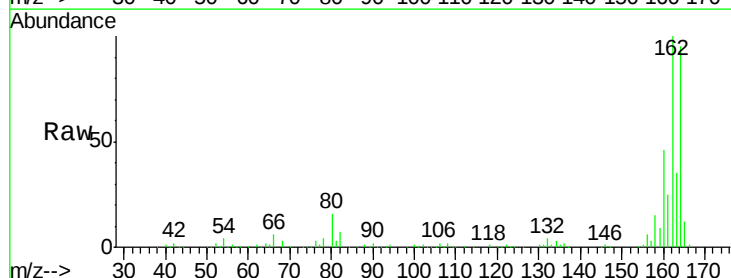
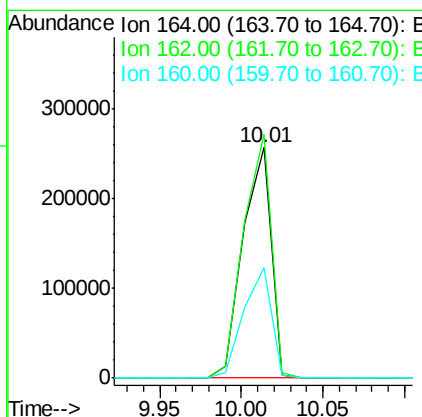
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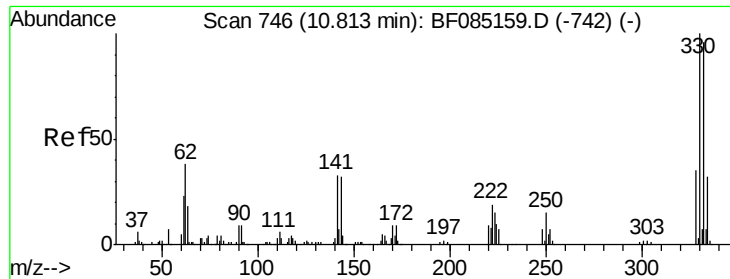
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Tgt Ion	164	Resp	306666
Ion Ratio	100	Lower	Upper
164	100		
162	105.6	83.3	124.9
160	48.2	37.9	56.9





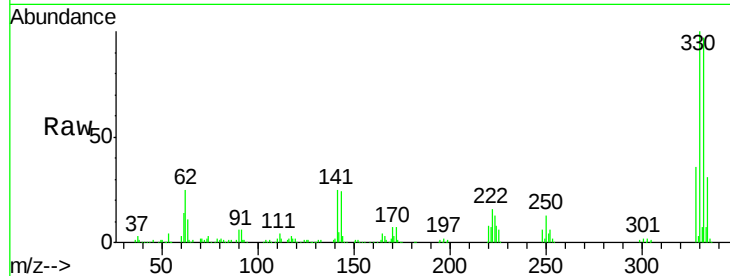
#41
 2,4,6-Tribromophenol
 Concen: 166.47 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)

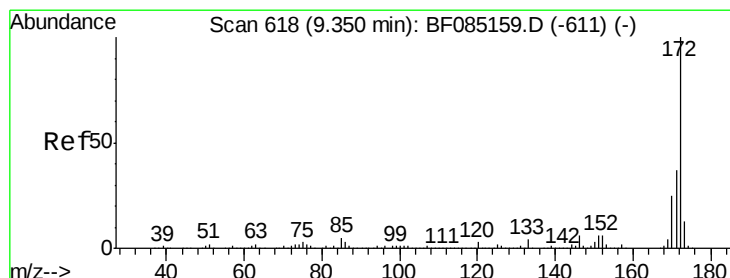
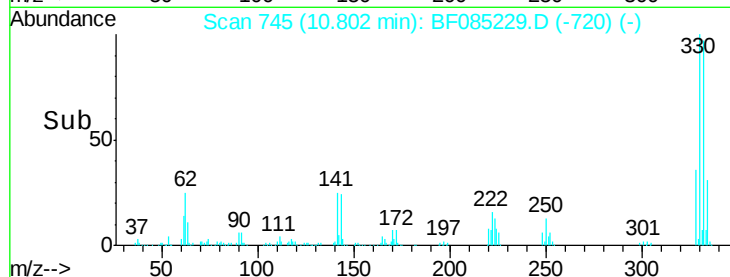
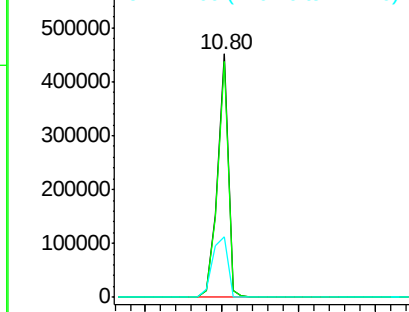
Tot Ion	Ratio	Resp	Lower	Upper
330	100	436819		
332	96.8	77.1	115.7	
141	35.9	35.0	52.6	

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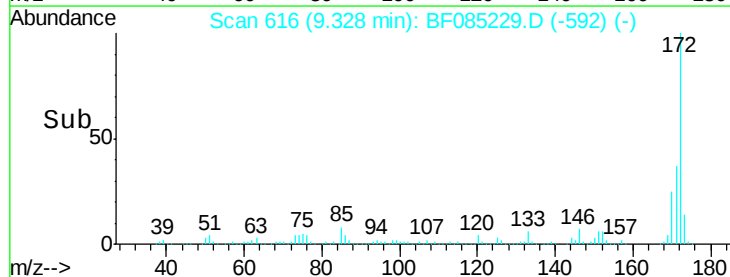
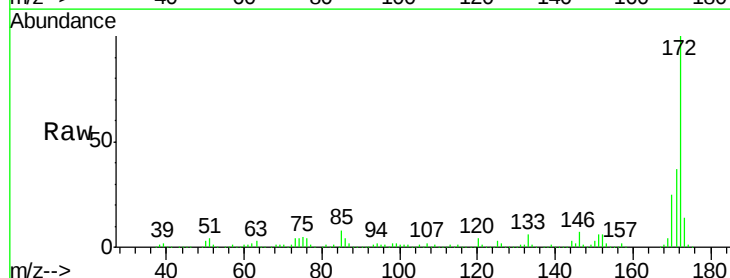
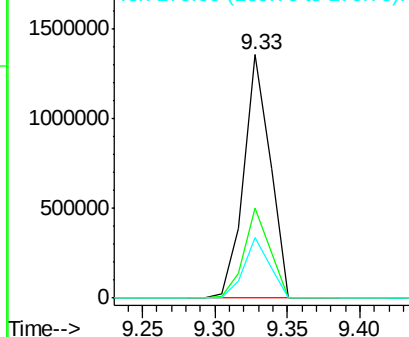
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

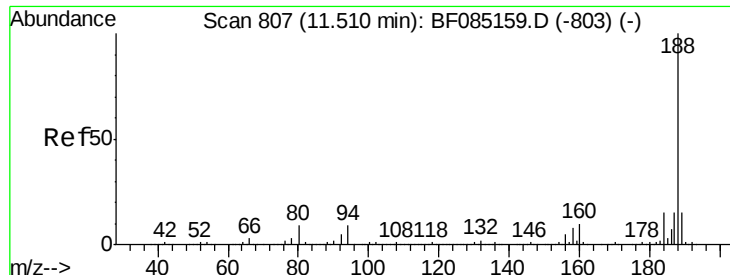


#44
 2-Fluorobiphenyl
 Concen: 85.04 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1714820		
171	37.2	29.3	43.9	
170	24.9	20.0	30.0	

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





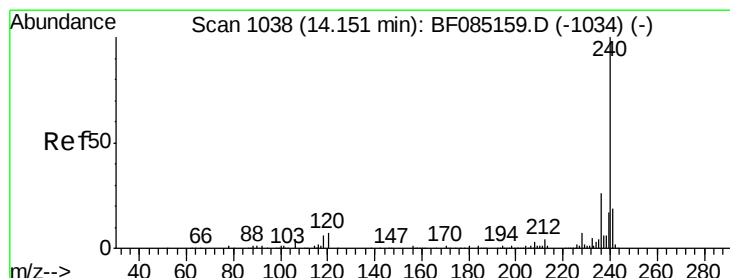
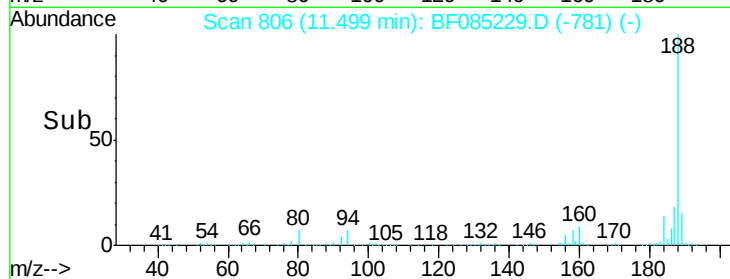
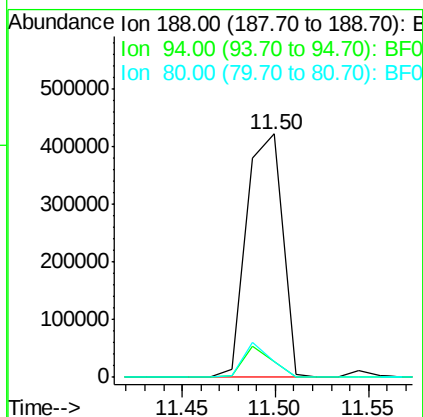
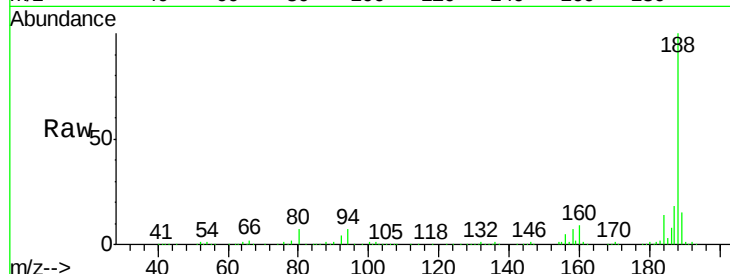
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085229.D
Acq: 5 Mar 2016 3:35

Instrument :
BNA_F
ClientSampleId :
SP-004(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	7.0	10.6#
80	6.6	7.4	11.0#

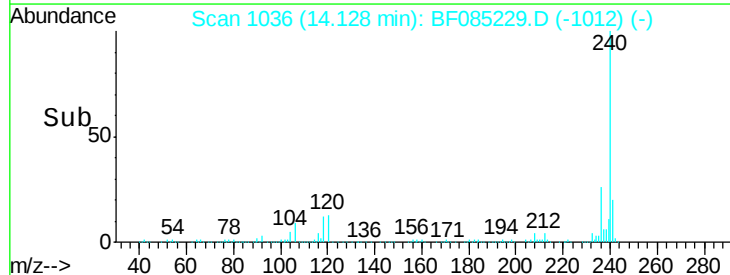
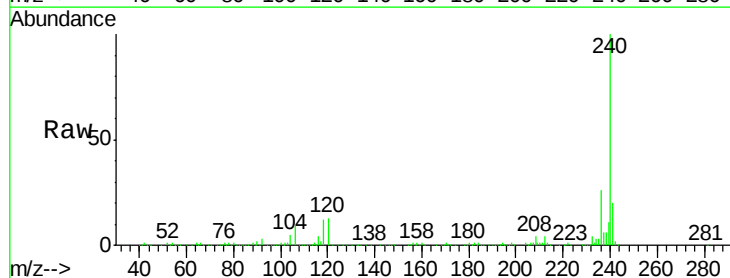
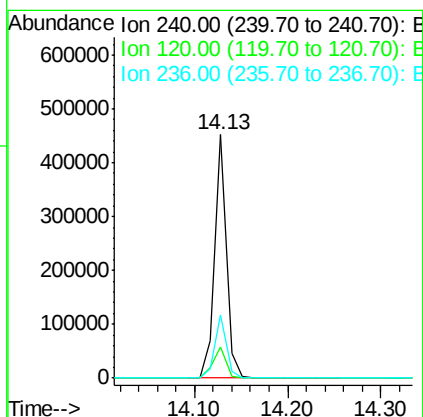
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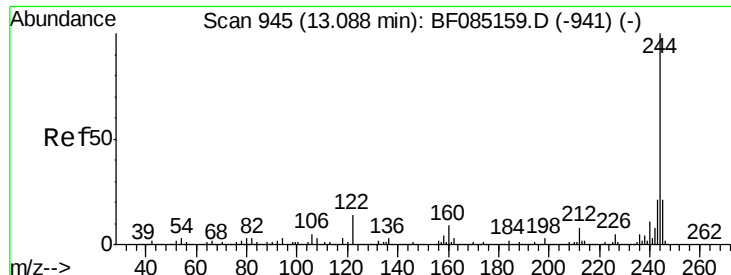
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085229.D
Acq: 5 Mar 2016 3:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	5.3	7.9#
236	26.1	20.7	31.1





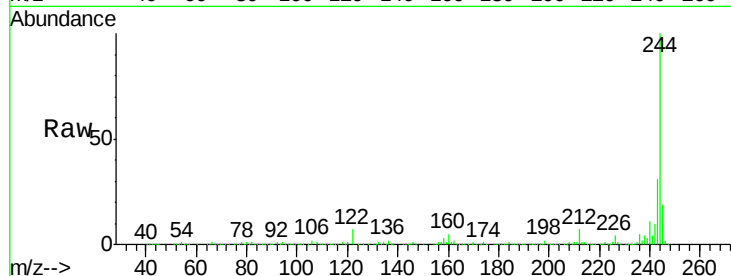
#78
 Terphenyl-d14
 Concen: 103.57 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-004(0-2)

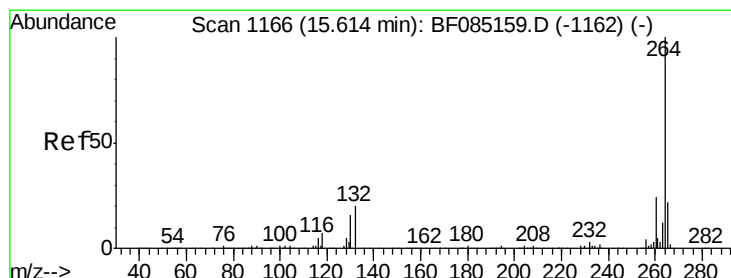
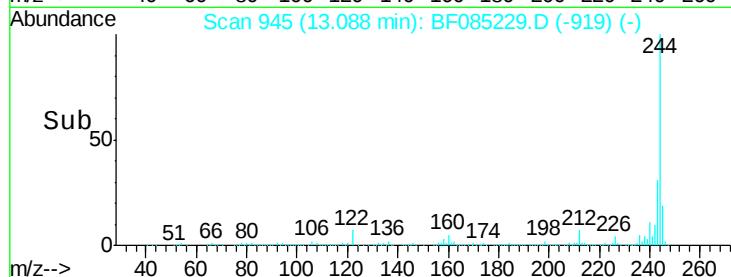
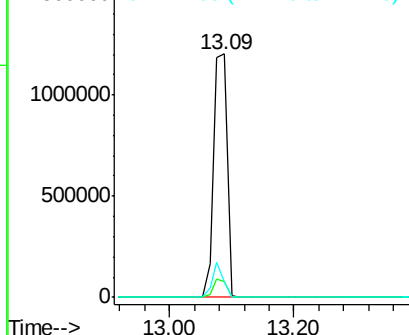
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	6.5	11.4	17.2#

Manual Integrations
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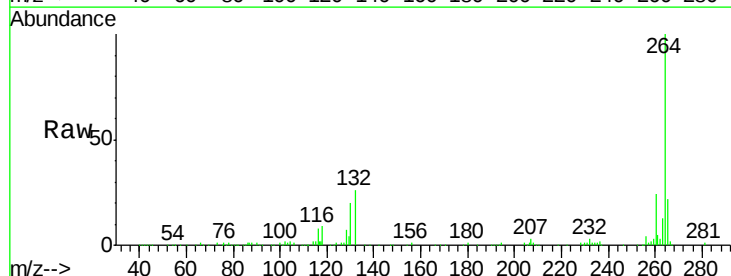


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085229.D
 Acq: 5 Mar 2016 3:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.3	25.9



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

