

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087035.D
 Acq On : 14 May 2016 22:36
 Operator : UM/SJ
 Sample : PB90536TB
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90536TB

Manual Integrations
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Quant Time: May 16 05:28:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	127963m	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	542567	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	265804	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	499150	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	346546	20.00	ng	-0.01
86) Perylene-d12	15.11	264	282844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	956054	126.53	ng	0.01
7) Phenol-d6	6.28	99	1385393	137.19	ng	0.00
23) Nitrobenzene-d5	7.19	82	977926	90.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	300022	106.62	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1547797	97.87	ng	0.00
78) Terphenyl-d14	12.71	244	1241963	76.04	ng	0.00

Target Compounds Qvalue

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

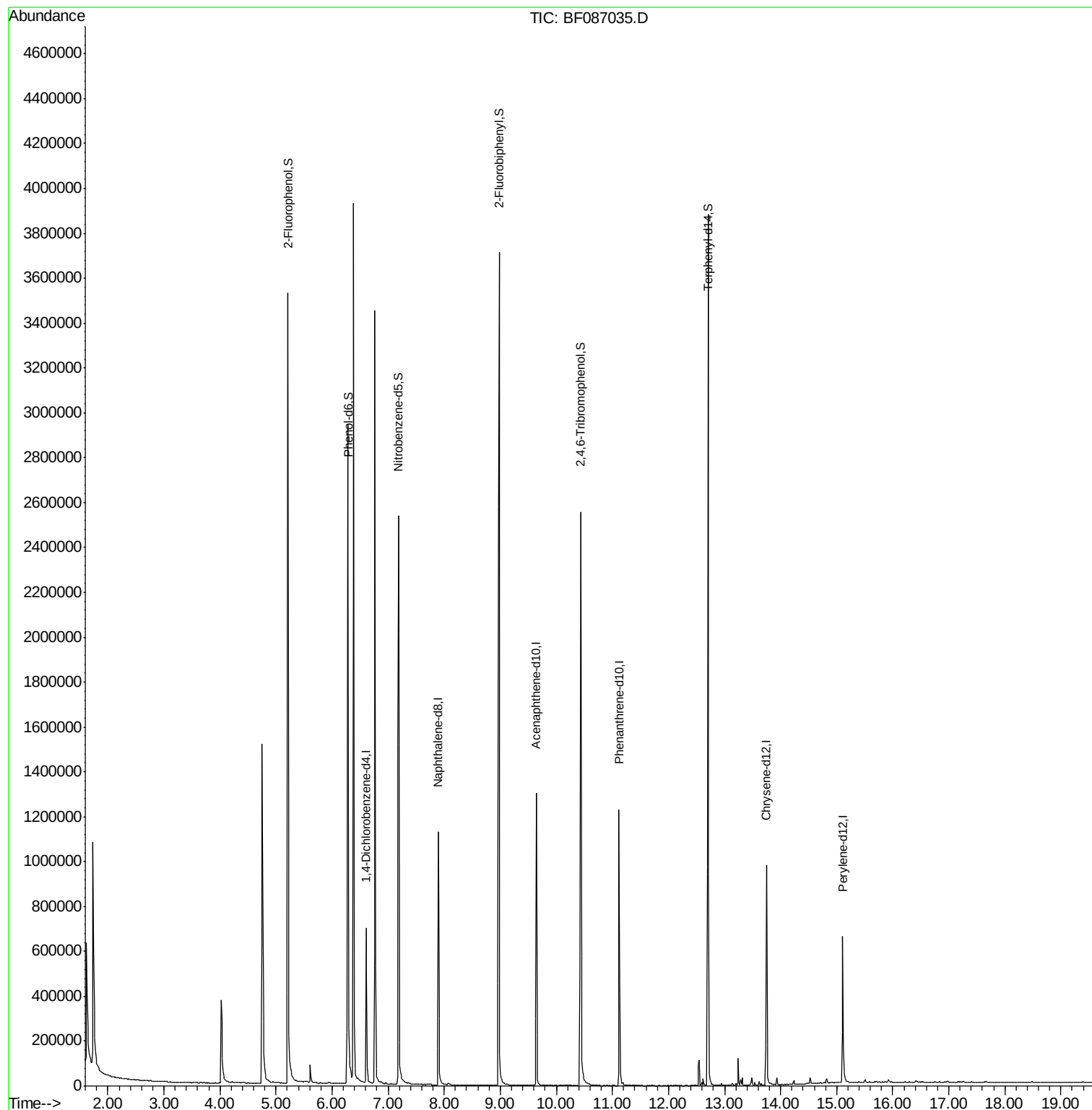
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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ALS Vial : 57 Sample Multiplier: 1

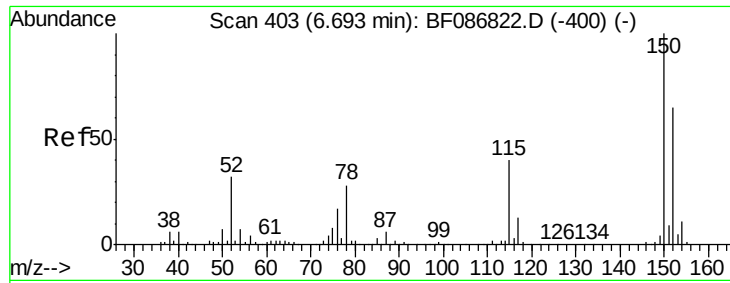
Instrument :
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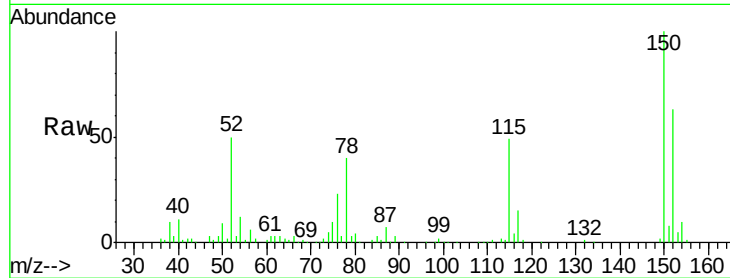




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF087035.D
Acq: 14 May 2016 22:36

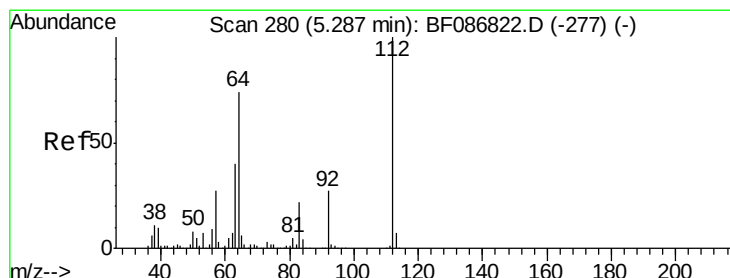
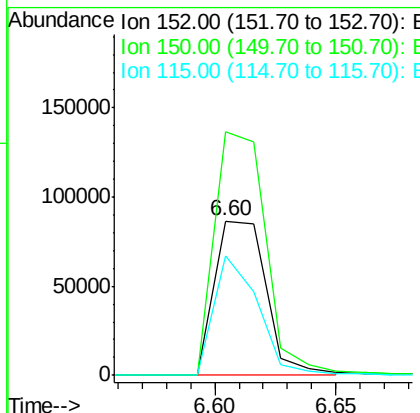
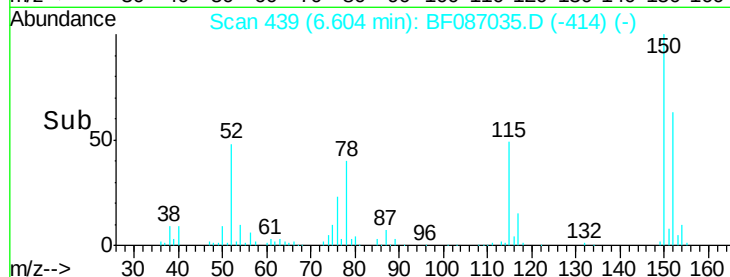
Instrument :
BNA_F
ClientSampleId :
PB90536TB



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.8	188.6
115	77.4	51.5	77.3#

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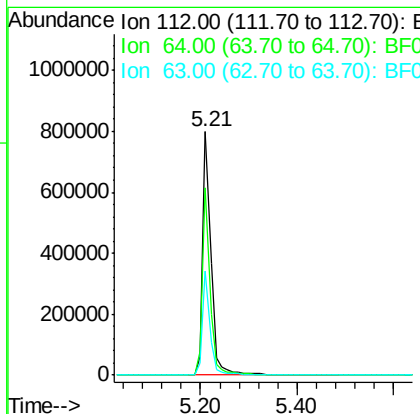
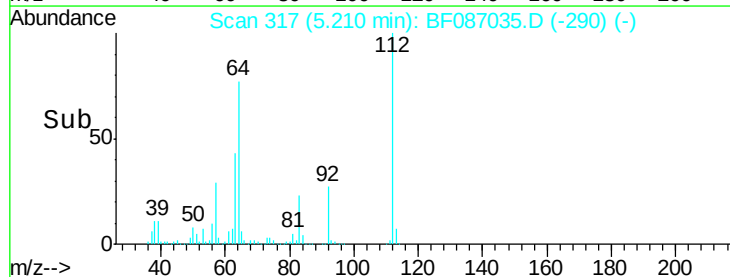
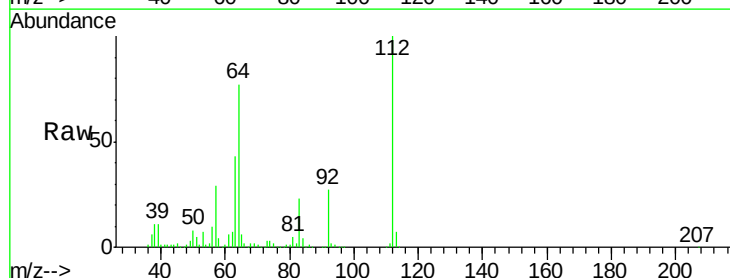
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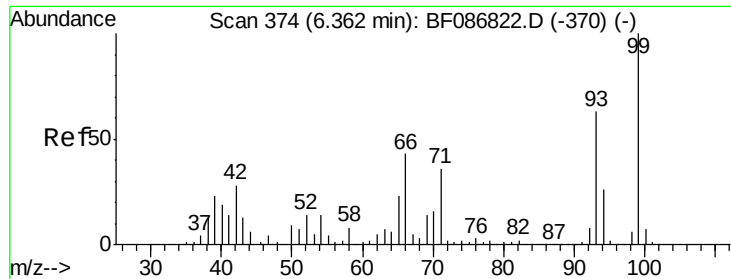


#5

2-Fluorophenol
Concen: 126.53 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF087035.D
Acq: 14 May 2016 22:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.1	52.1	78.1
63	42.7	25.7	38.5#





#7

Phenol-d6

Concen: 137.19 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087035.D

Acq: 14 May 2016 22:36

Instrument :

BNA_F

ClientSampleId :

PB90536TB

Tgt Ion: 99 Resp: 1385393

Ion Ratio Lower Upper

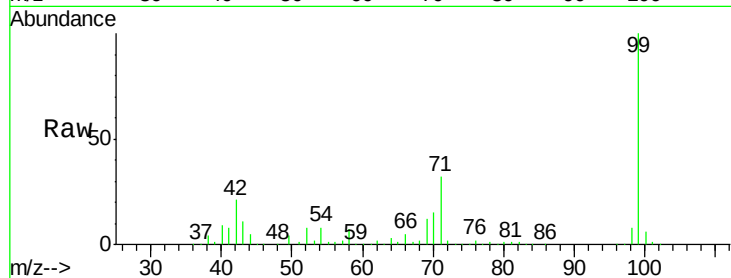
99 100

42 21.1 13.6 20.4#

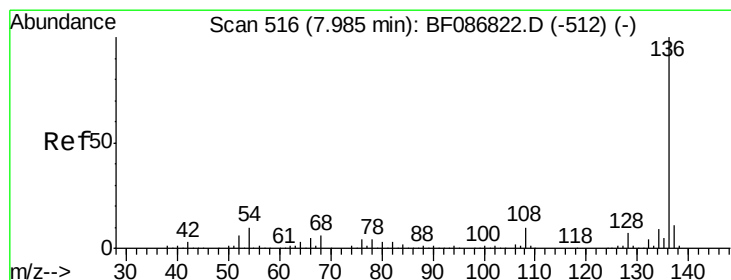
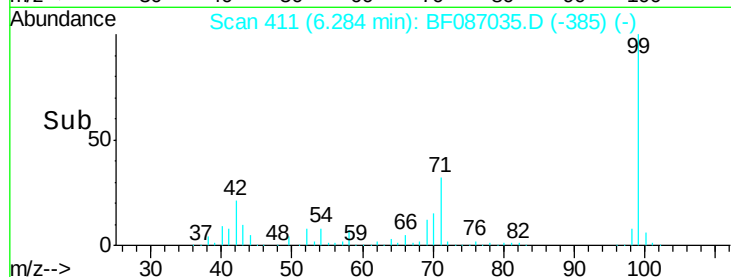
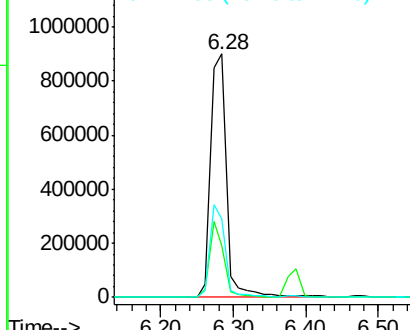
71 32.3 24.6 36.8

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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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087035.D

Acq: 14 May 2016 22:36

Tgt Ion: 136 Resp: 542567

Ion Ratio Lower Upper

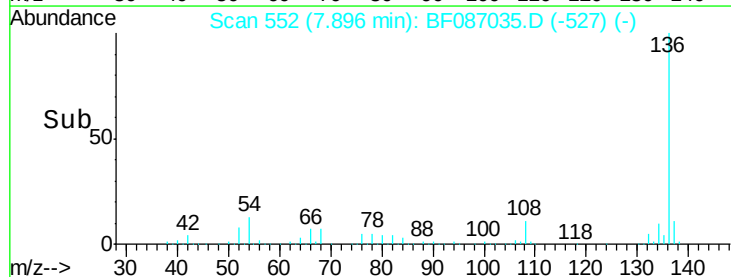
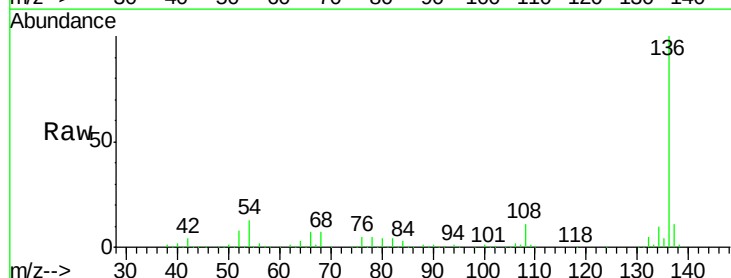
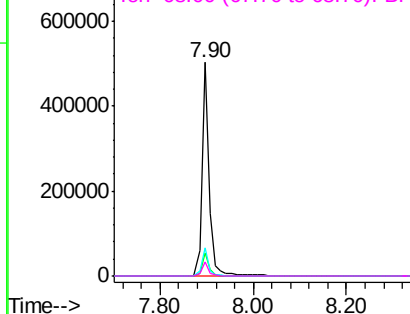
136 100

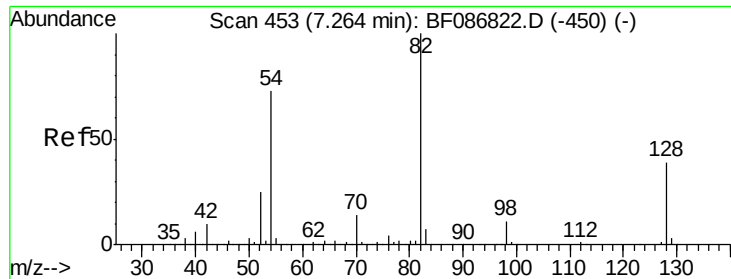
137 10.8 8.8 13.2

54 13.0 5.0 7.4#

68 6.6 4.4 6.6

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





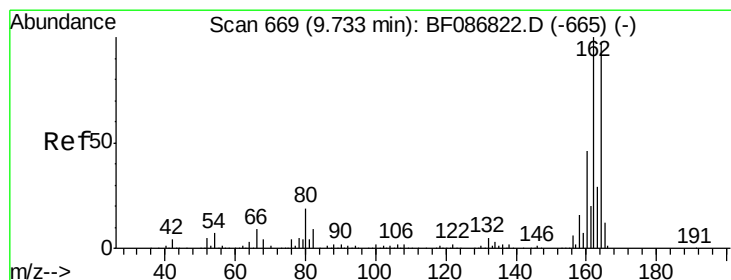
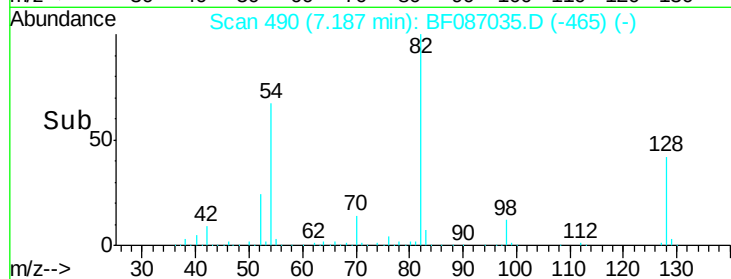
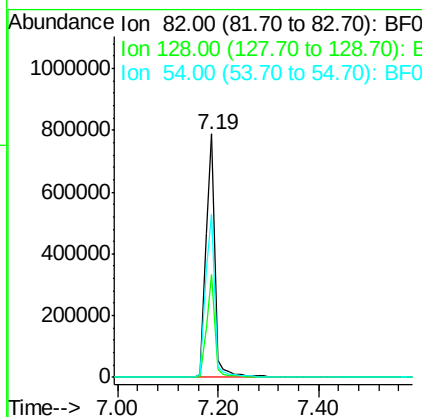
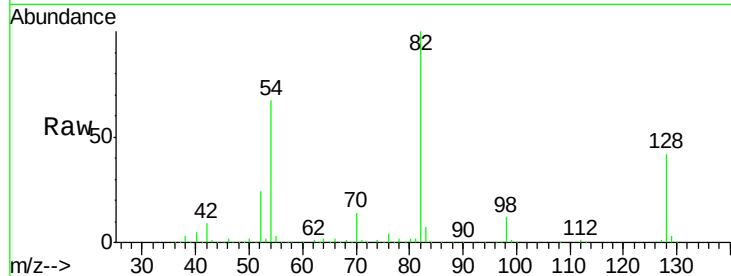
#23
 Nitrobenzene-d5
 Concen: 90.50 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90536TB

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	977926		
128	42.5	40.6	61.0	
54	66.9	38.1	57.1	

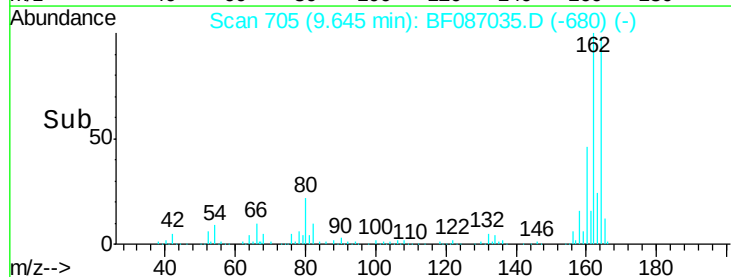
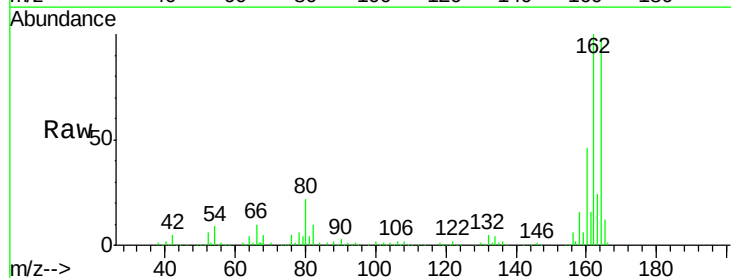
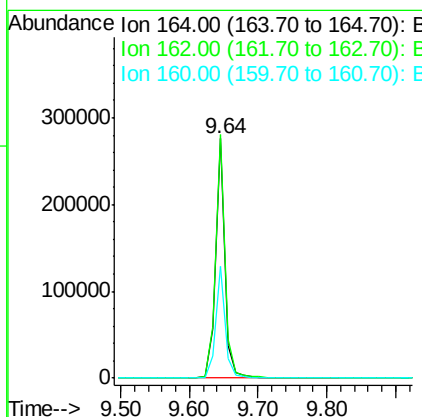
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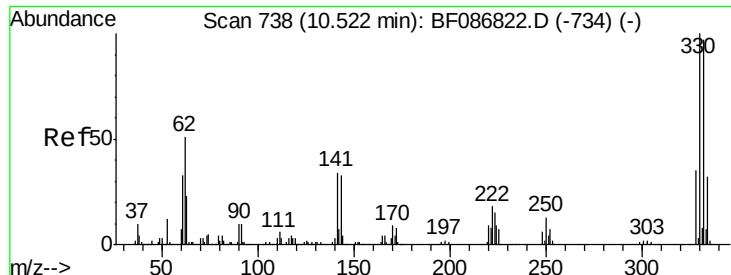
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265804		
162	101.8	82.8	124.2	
160	46.7	36.9	55.3	





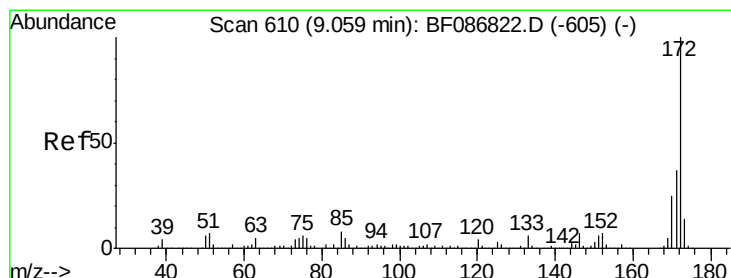
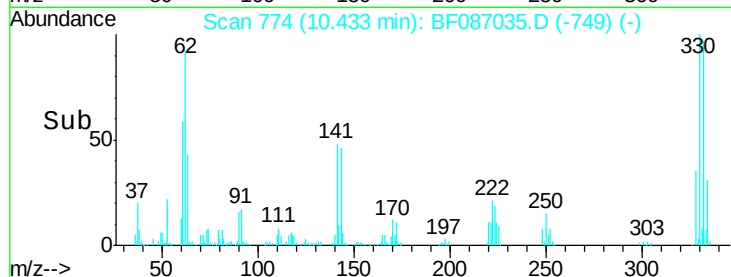
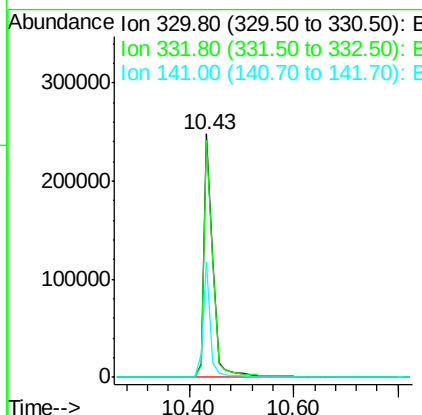
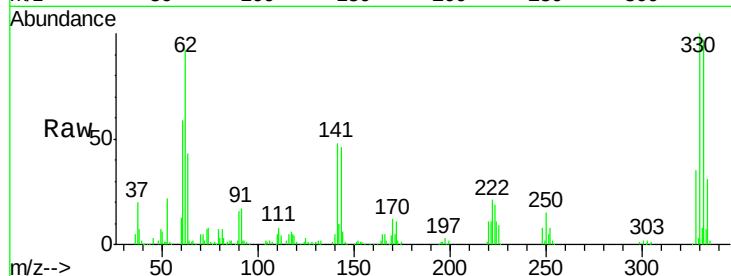
#41
 2,4,6-Tribromophenol
 Concen: 106.62 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90536TB

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	300022		
332	96.7	79.0	118.4	
141	40.2	31.2	46.8	

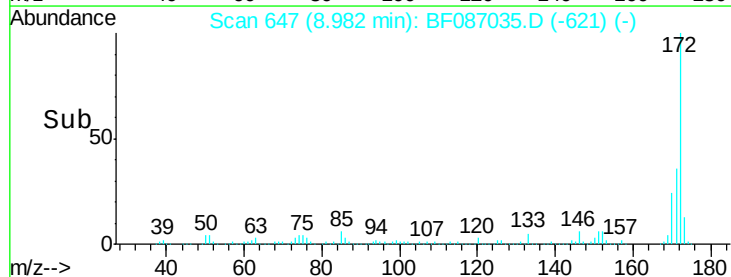
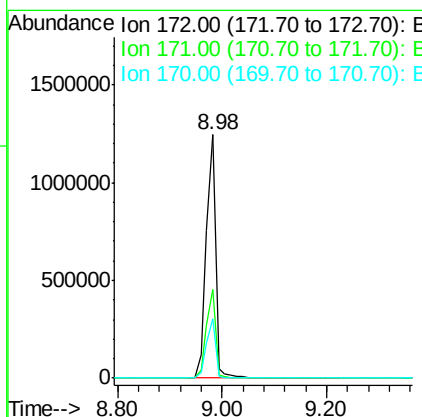
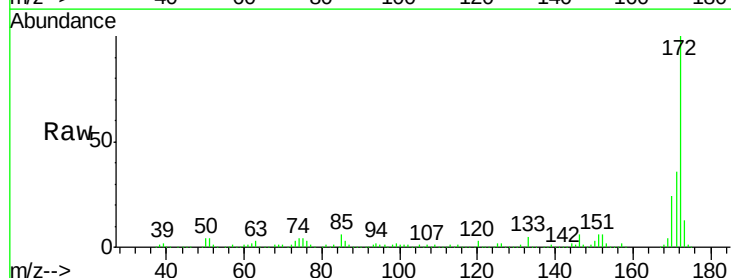
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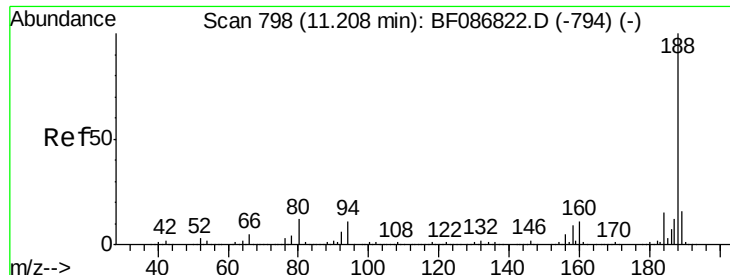
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#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1547797		
171	36.2	29.0	43.6	
170	24.4	19.8	29.8	





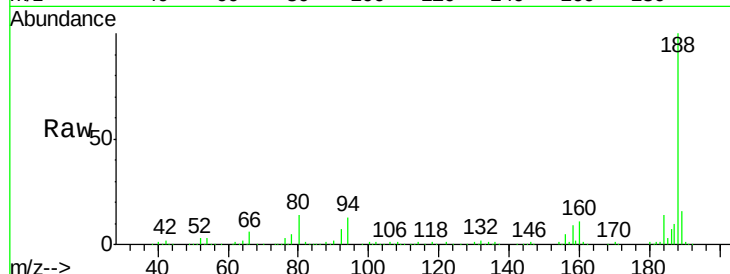
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087035.D
Acq: 14 May 2016 22:36

Instrument :
BNA_F
ClientSampleId :
PB90536TB

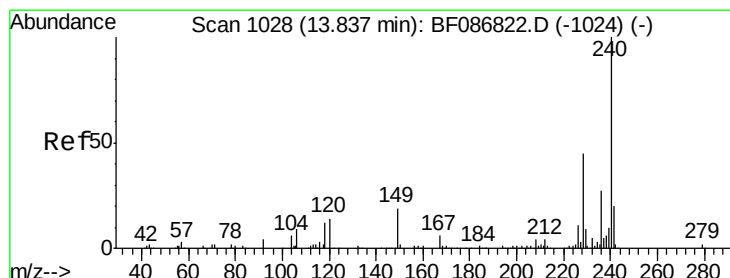
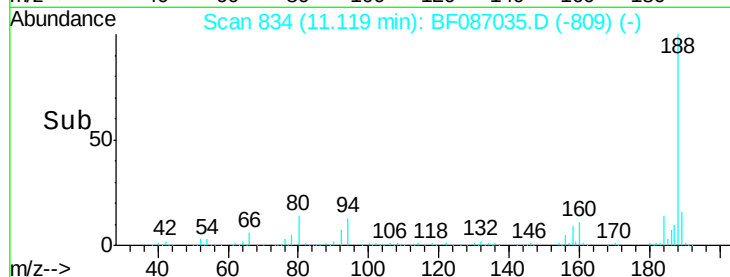
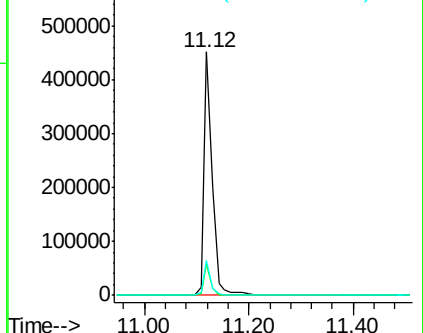
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.6	6.8	10.2#
80	14.1	7.1	10.7#

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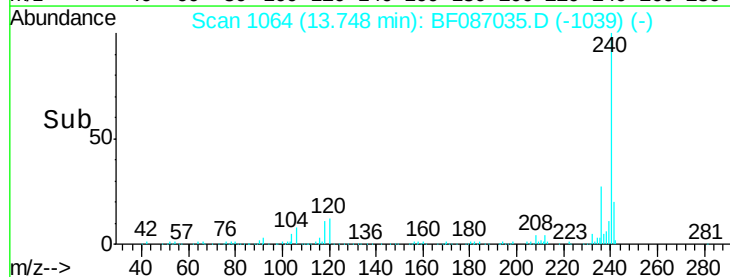
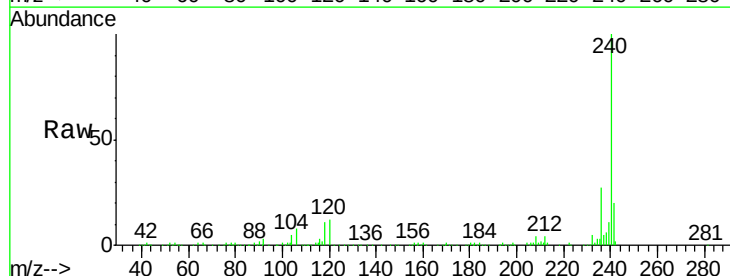
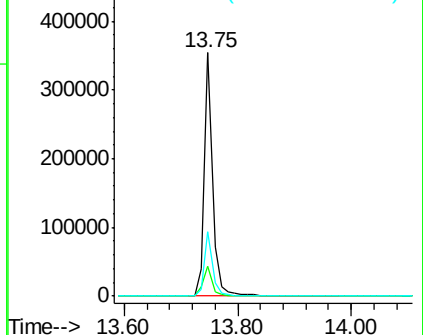
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

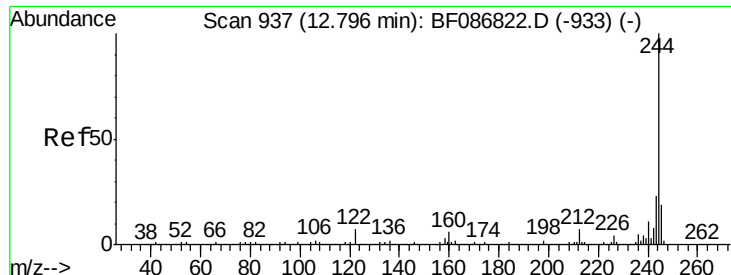


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087035.D
Acq: 14 May 2016 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.1	11.2	16.8
236	26.5	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





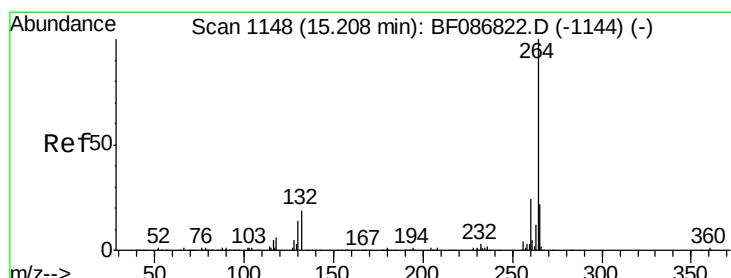
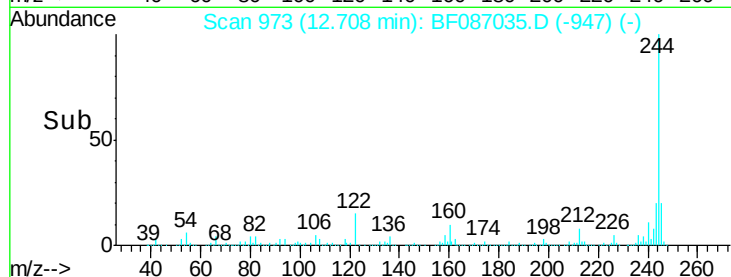
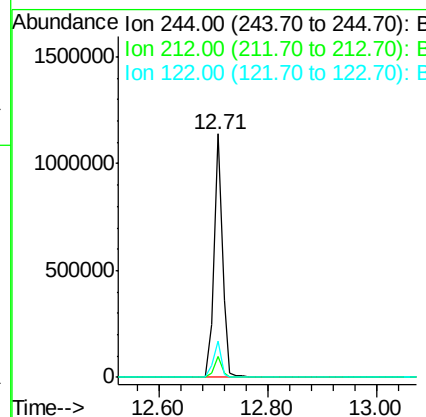
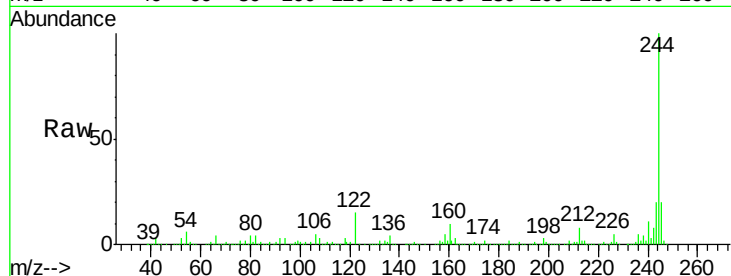
#78
 Terphenyl-d14
 Concen: 76.04 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90536TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.0	12.0	18.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087035.D
 Acq: 14 May 2016 22:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

