

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092910.D
 Acq On : 11 Feb 2017 6:59
 Operator : SJ/MA
 Sample : I1766-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020717-PR-E-D-M

Manual Integrations
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Quant Time: Feb 13 03:09:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	155572m	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	620059	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	374866	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	629527	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	421129	20.00	ng	-0.09
86) Perylene-d12	15.51	264	330768	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	412674	45.51	ng	-0.08
7) Phenol-d6	6.52	99	322577	27.65	ng	-0.08
23) Nitrobenzene-d5	7.46	82	1037932	93.22	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	245063	90.39	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1867734	90.26	ng	-0.07
78) Terphenyl-d14	13.01	244	1718626	95.89	ng	-0.07

Target Compounds Qvalue

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

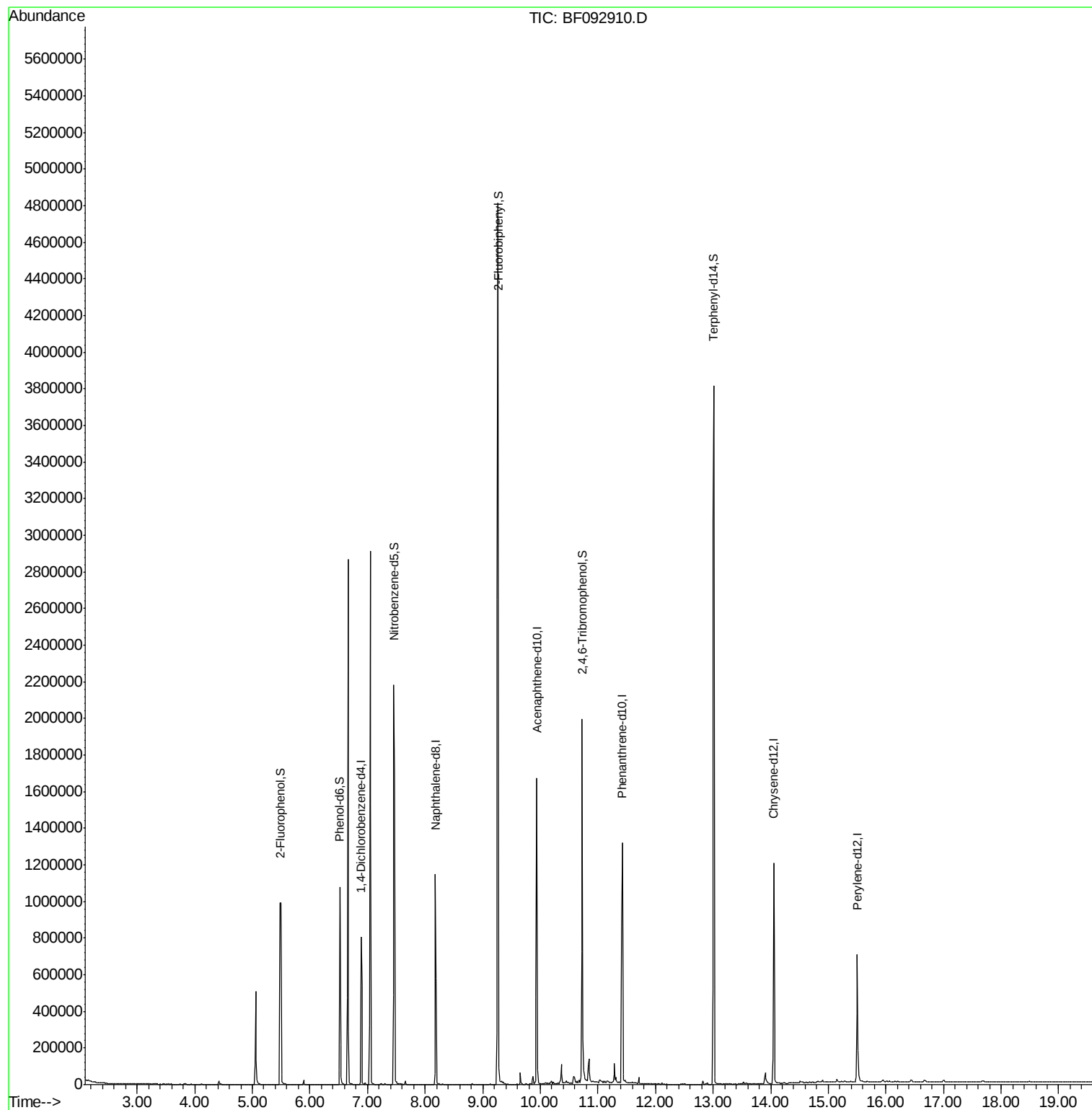
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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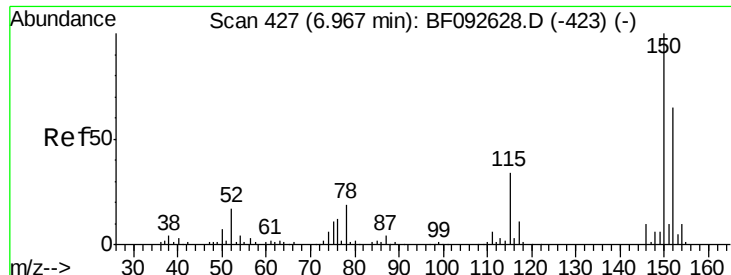
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.89 min Scan# 420

Delta R.T. -0.08 min

Lab File: BF092910.D

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Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 155572

Ion Ratio Lower Upper

152 100

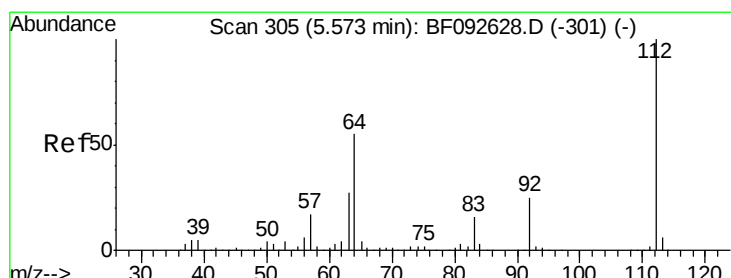
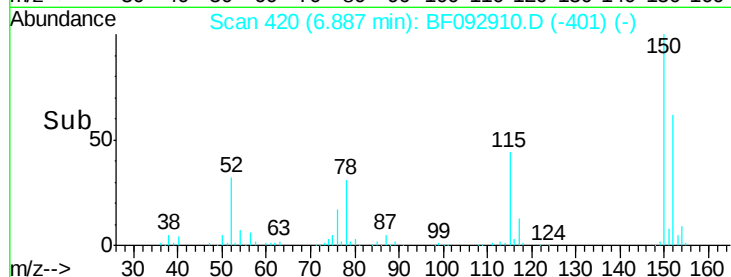
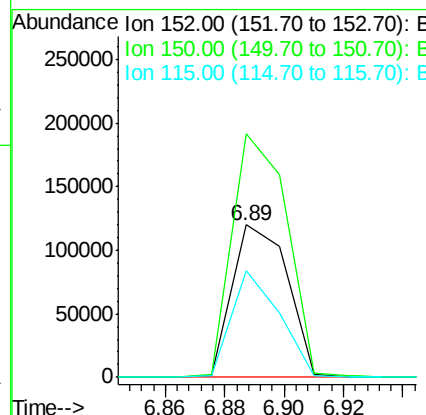
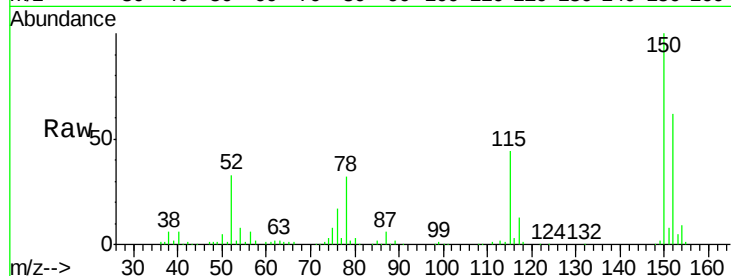
150 160.1 124.9 187.3

115 70.4 46.0 69.0#

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#5

2-Fluorophenol

Concen: 45.51 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092910.D

Acq: 11 Feb 2017 6:59

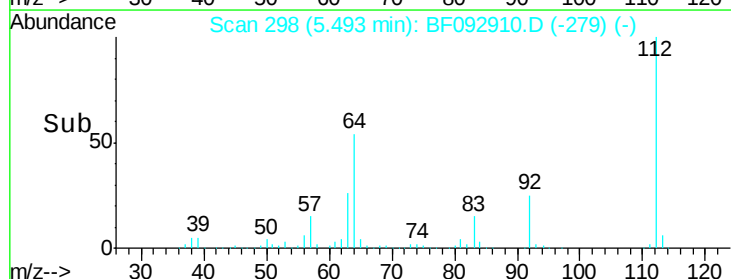
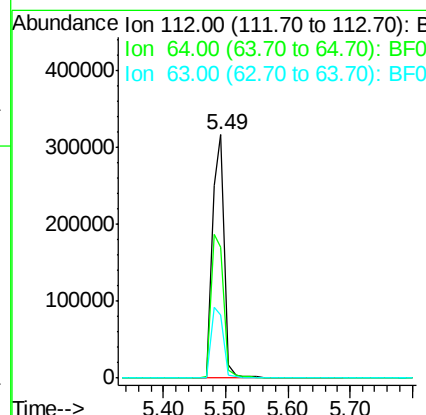
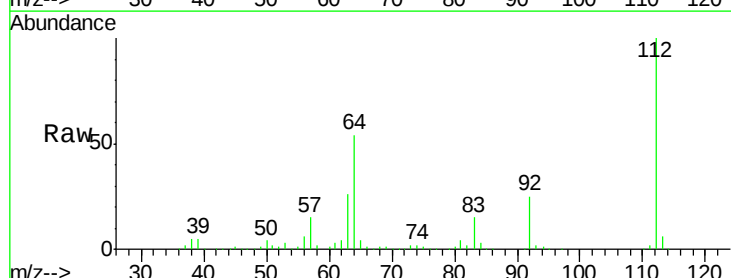
Tgt Ion:112 Resp: 412674

Ion Ratio Lower Upper

112 100

64 53.9 46.1 69.1

63 25.8 23.8 35.6





#7

Phenol-d6

Concen: 27.65 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092910.D

Acq: 11 Feb 2017 6:59

Instrument :

BNA_F

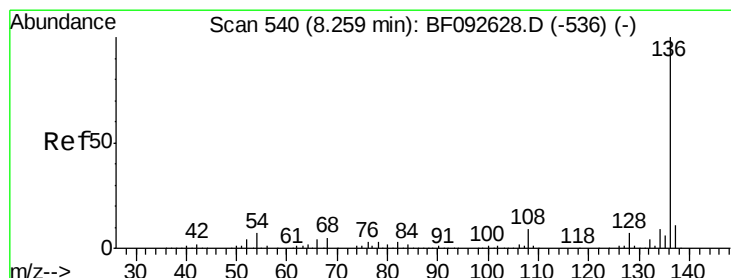
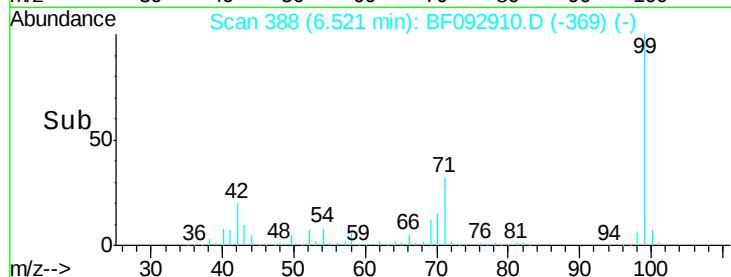
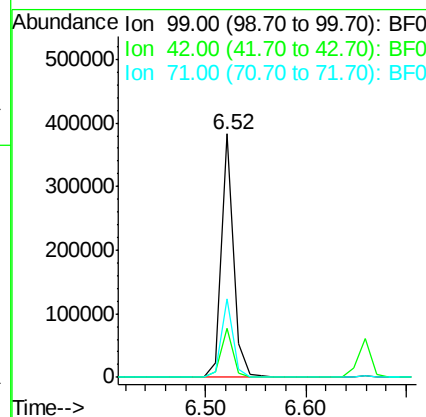
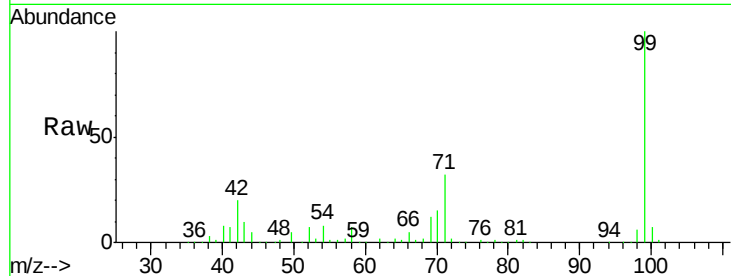
ClientSampleId :

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Tgt Ion:	99	Resp:	322577
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.6	23.4
71	32.2	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

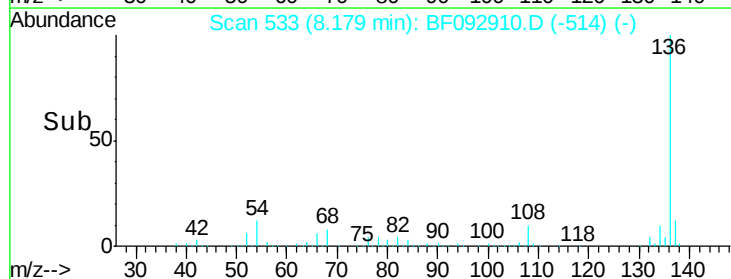
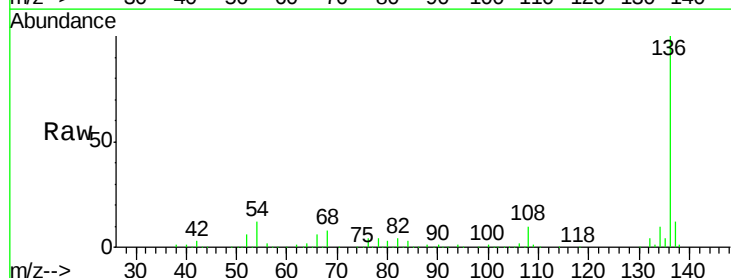
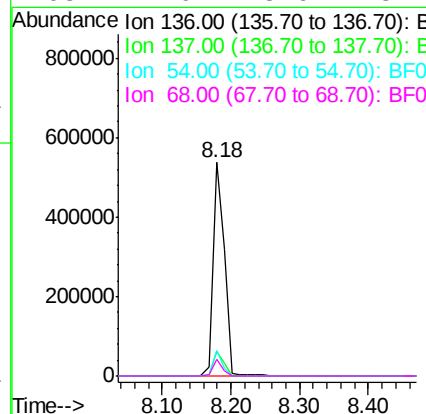
RT: 8.18 min Scan# 533

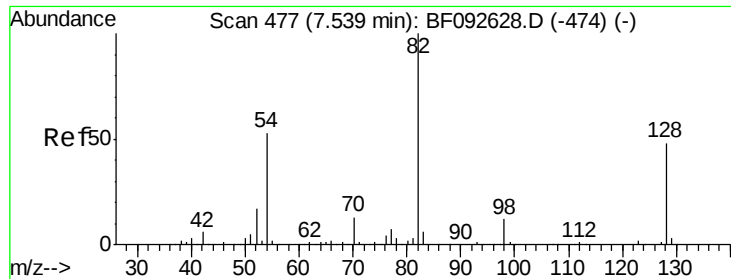
Delta R.T. -0.08 min

Lab File: BF092910.D

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Tgt Ion:	136	Resp:	620059
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.4	12.6
54	12.0	4.5	6.7#
68	7.9	3.6	5.4#





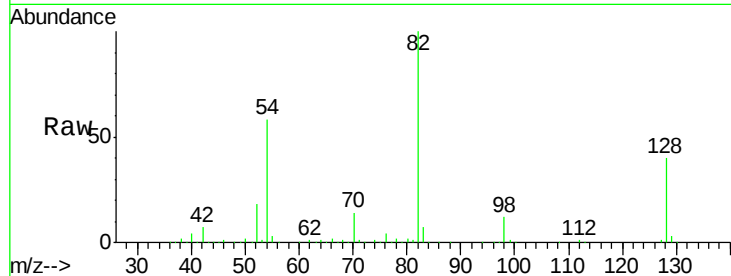
#23
 Nitrobenzene-d5
 Concen: 93.22 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092910.D
 Acq: 11 Feb 2017 6:59

Instrument :
 BNA_F
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 020717-PR-E-D-M

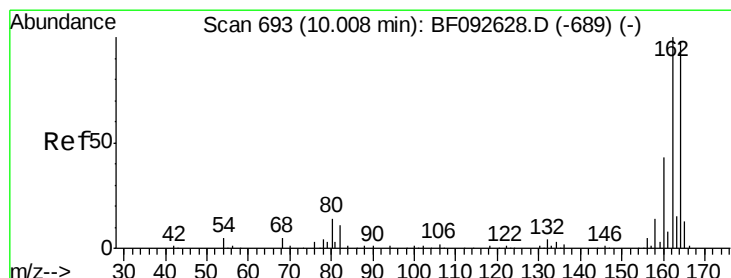
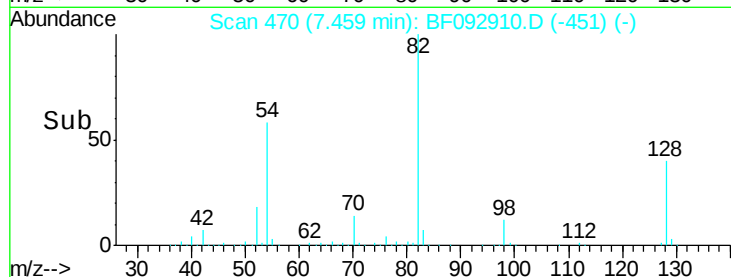
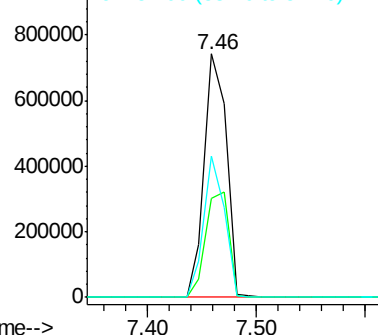
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	58.3	39.5	59.3

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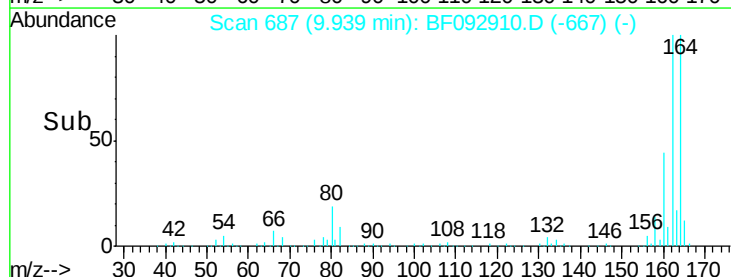
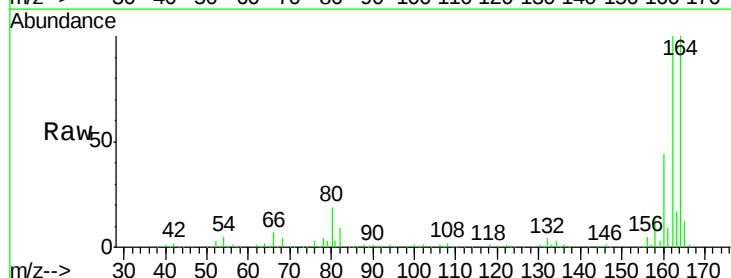
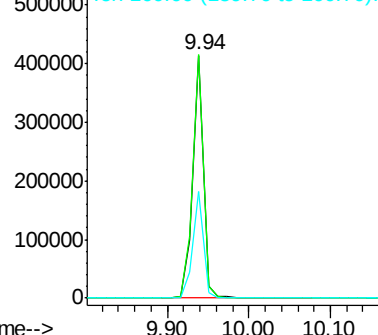
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092910.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	43.7	36.9	55.3

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





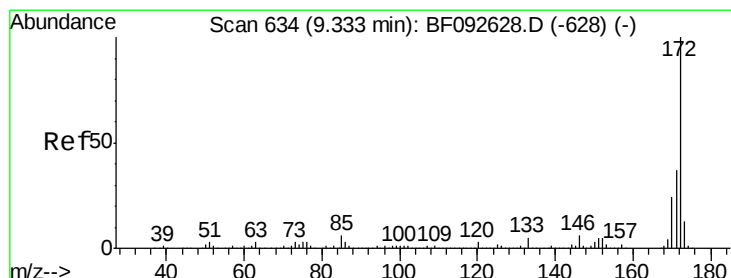
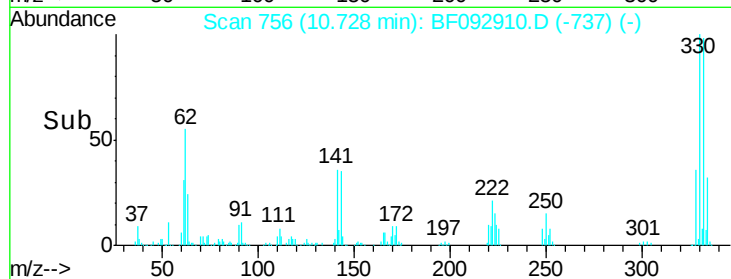
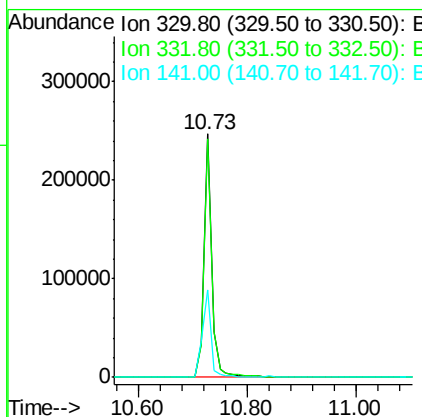
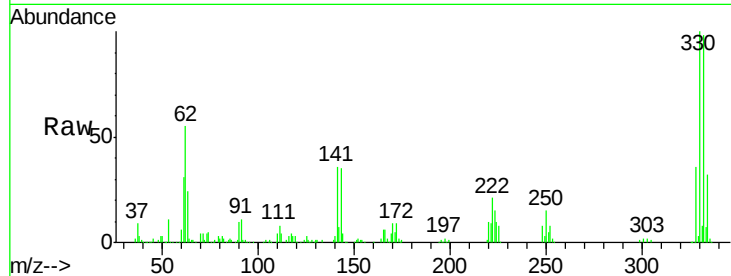
#41
 2,4,6-Tribromophenol
 Concen: 90.39 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092910.D
 Acq: 11 Feb 2017 6:59

Instrument :
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 ClientSampleId :
 020717-PR-E-D-M

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245063		
332	97.1	77.4	116.2	
141	39.2	34.1	51.1	

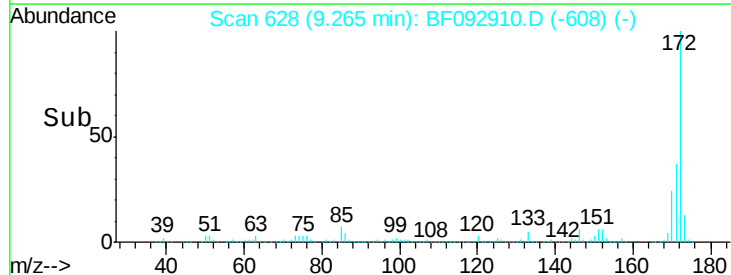
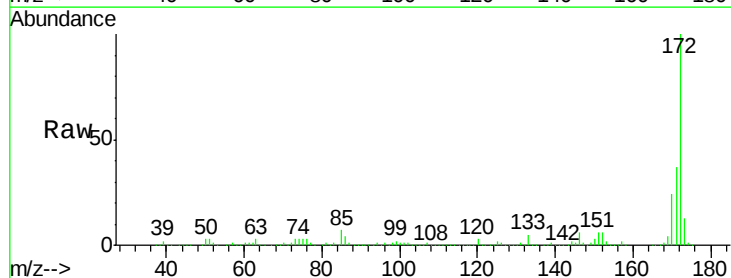
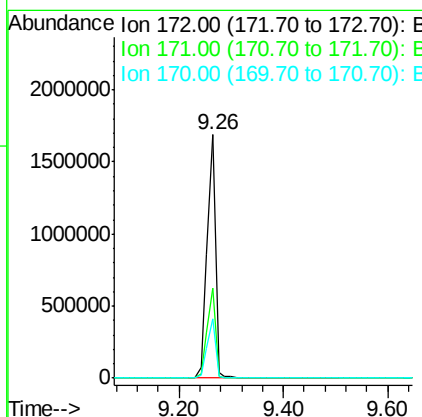
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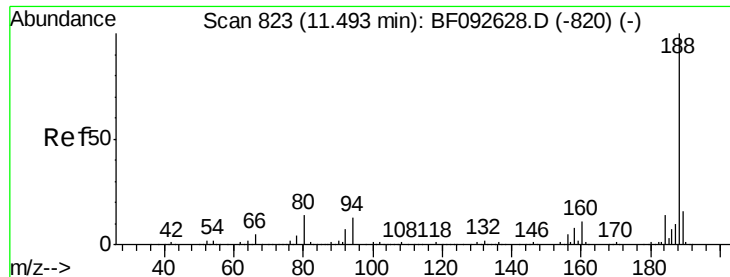
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#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092910.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1867734		
171	36.9	29.4	44.0	
170	24.5	20.2	30.4	





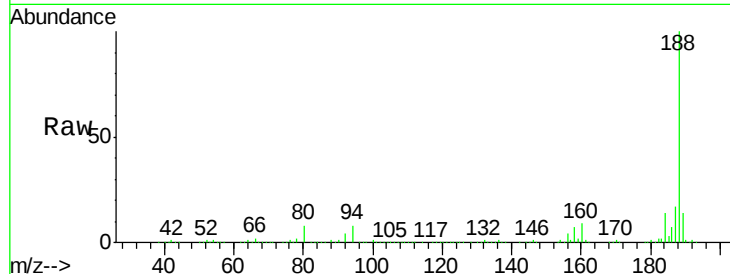
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-D-M

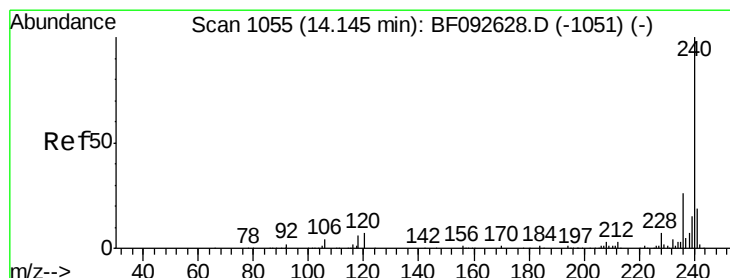
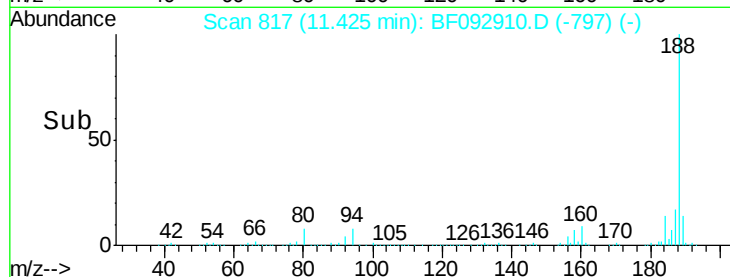
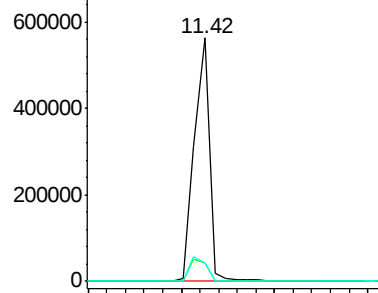
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	10.0	15.0#
80	7.7	11.2	16.8#

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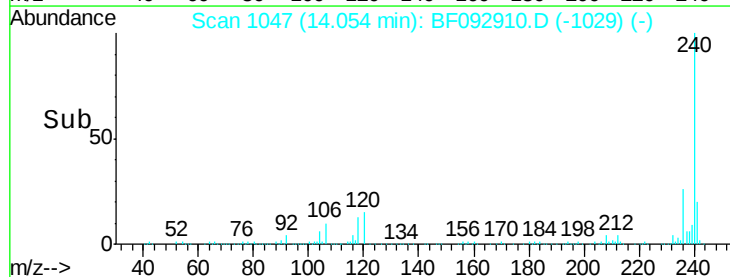
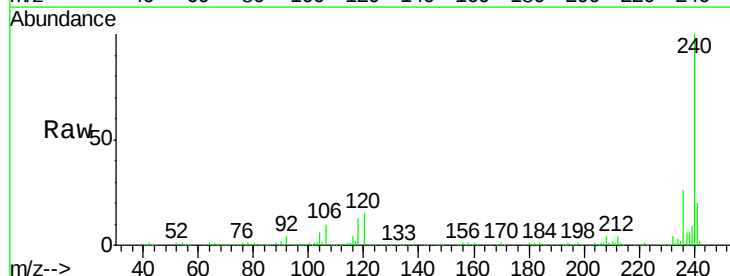
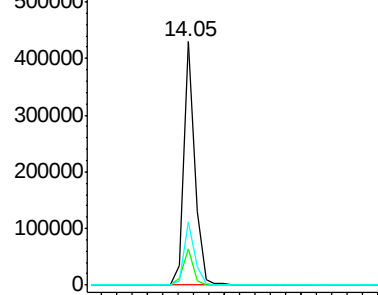
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

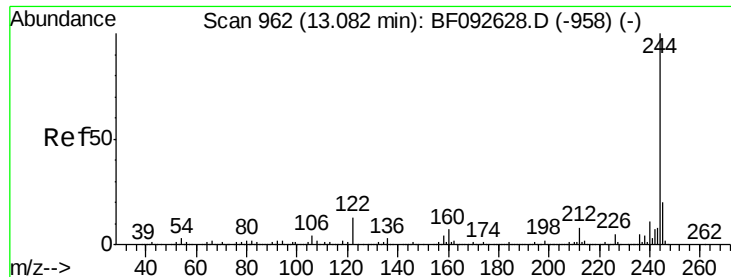


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092910.D
Acq: 11 Feb 2017 6:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	12.9	19.3
236	25.9	20.9	31.3

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





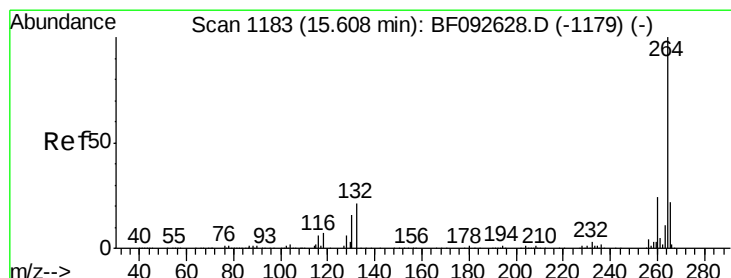
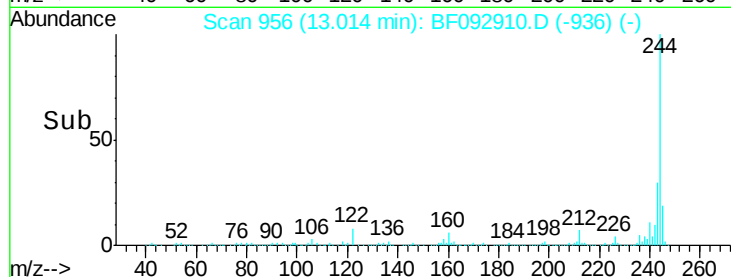
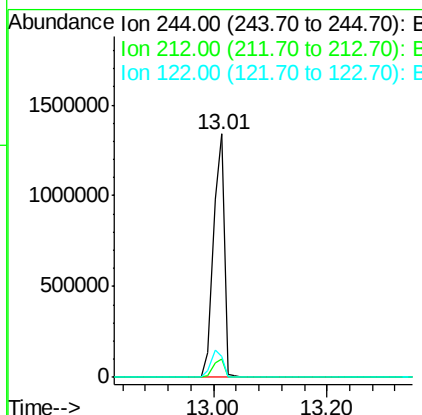
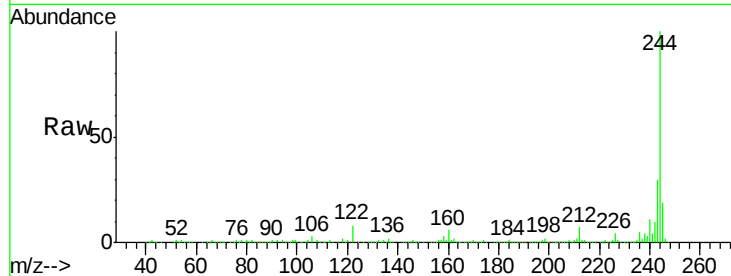
#78
 Terphenyl-d14
 Concen: 95.89 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092910.D
 Acq: 11 Feb 2017 6:59

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Tgt Ion: 244 Resp: 1718626
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.4 11.4 17.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092910.D
 Acq: 11 Feb 2017 6:59

Tgt Ion: 264 Resp: 330768
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.4 26.0

