

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090929.D
 Acq On : 31 Oct 2016 15:44
 Operator : UM/SJ
 Sample : PB94407BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BL

Manual Integrations
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Quant Time: Nov 01 13:01:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145904m	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	623844	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	318019	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	531825	20.00	ng	0.00
75) Chrysene-d12	13.91	240	473451	20.00	ng	0.00
86) Perylene-d12	15.30	264	341947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1302496	156.08	ng	0.02
7) Phenol-d6	6.40	99	1468168	130.41	ng	0.00
23) Nitrobenzene-d5	7.31	82	1013421	106.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	462979	141.66	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1846013	101.93	ng	0.00
78) Terphenyl-d14	12.85	244	2017369	107.35	ng	0.00

Target Compounds Qvalue

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

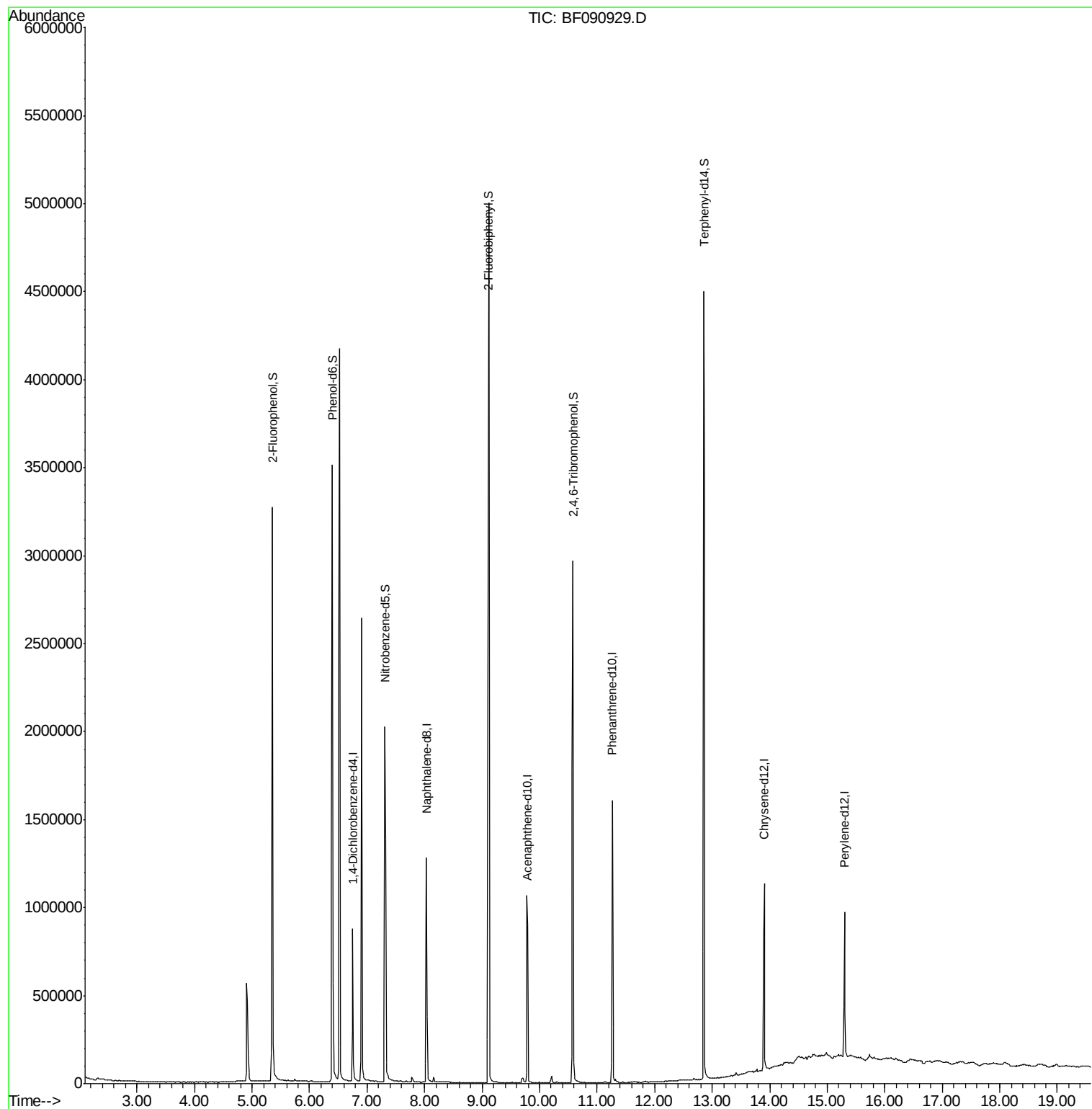
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090929.D
Acq On : 31 Oct 2016 15:44
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ALS Vial : 9 Sample Multiplier: 1

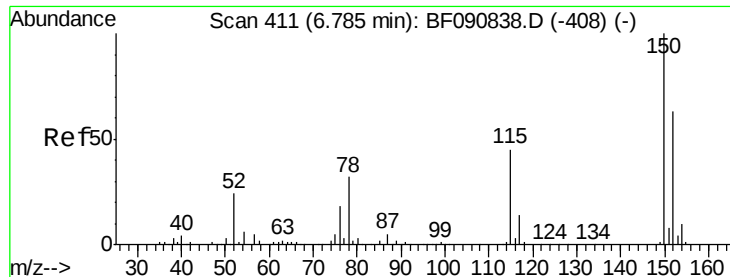
Instrument :
BNA_F
ClientSampleId :
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#1

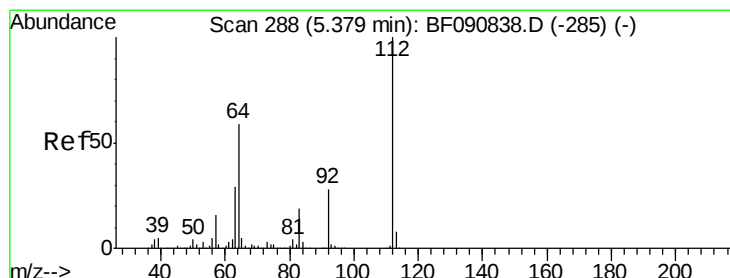
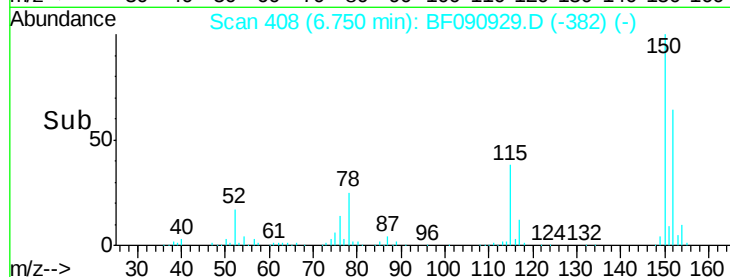
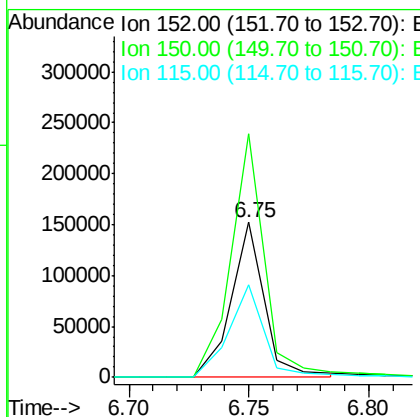
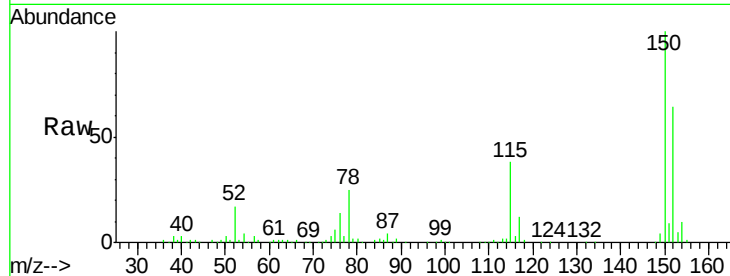
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090929.D
Acq: 31 Oct 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94407BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	59.9	39.0	58.4

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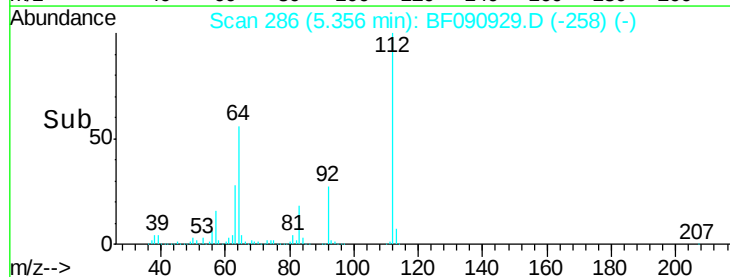
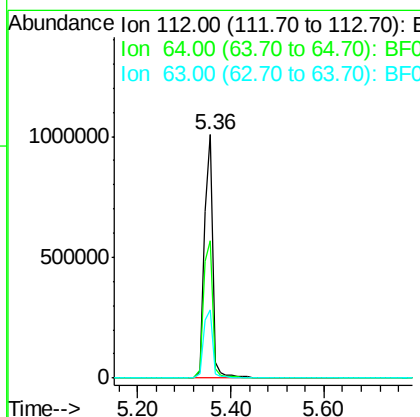
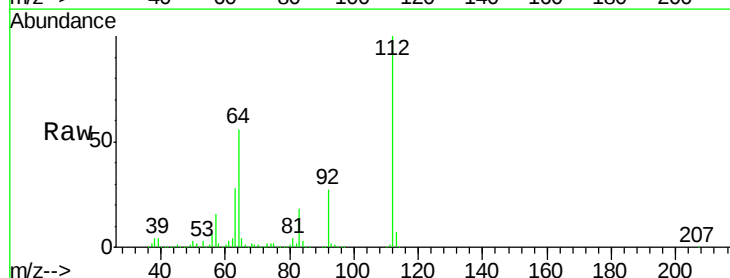
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#5

2-Fluorophenol
Concen: 156.08 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.02 min
Lab File: BF090929.D
Acq: 31 Oct 2016 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.7	59.5
63	27.9	17.4	26.0





#7

Phenol-d6

Concen: 130.41 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090929.D

Acq: 31 Oct 2016 15:44

Instrument :

BNA_F

ClientSampleId :

PB94407BL

Tgt Ion: 99 Resp: 1468168

Ion Ratio Lower Upper

99 100

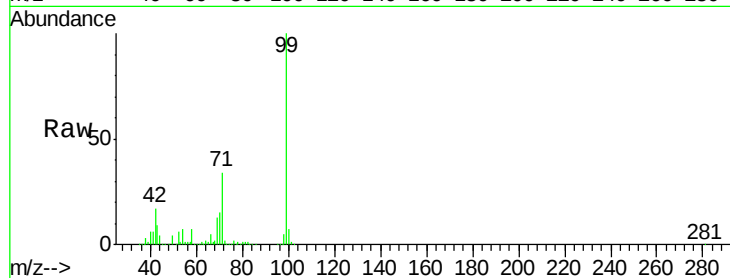
42 16.8 13.7 20.5

71 34.2 14.2 21.2#

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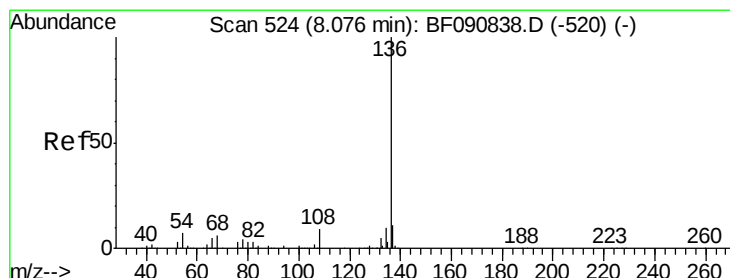
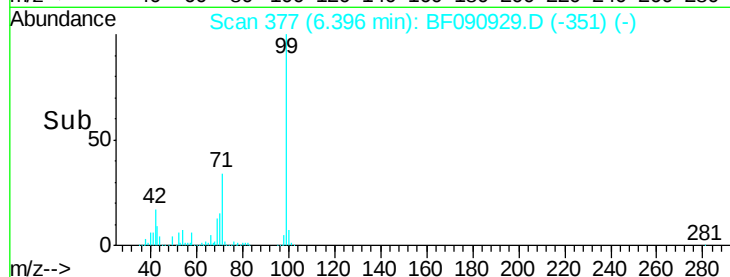
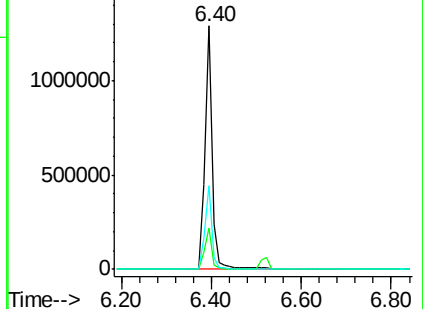
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090929.D

Acq: 31 Oct 2016 15:44

Tgt Ion: 136 Resp: 623844

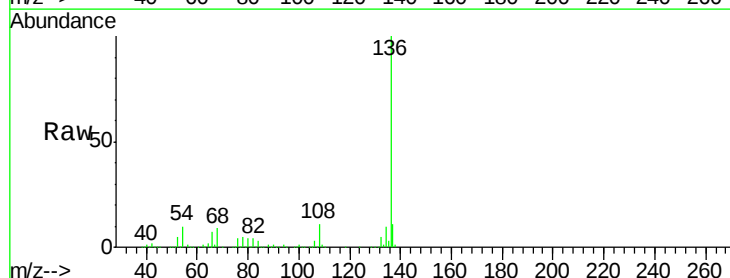
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 10.2 8.2 12.2

68 8.9 5.8 8.6#

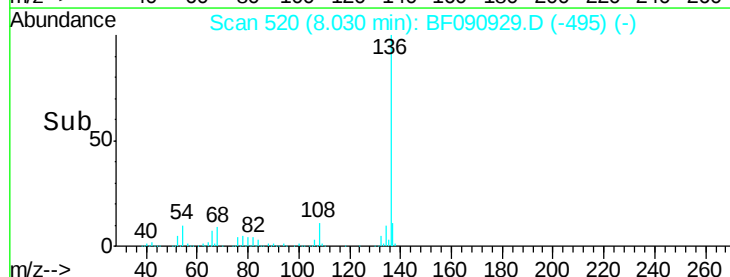
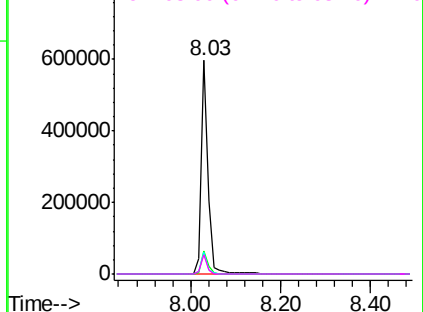


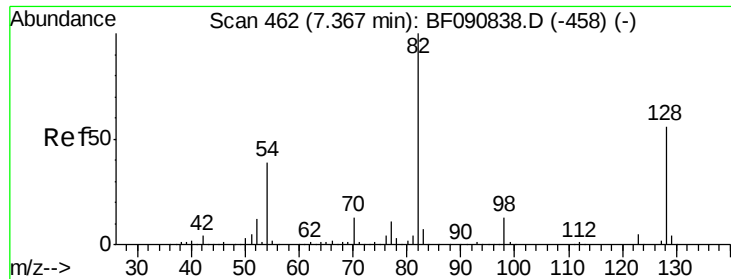
Abundance Ion 136.00 (135.70 to 136.70): E

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





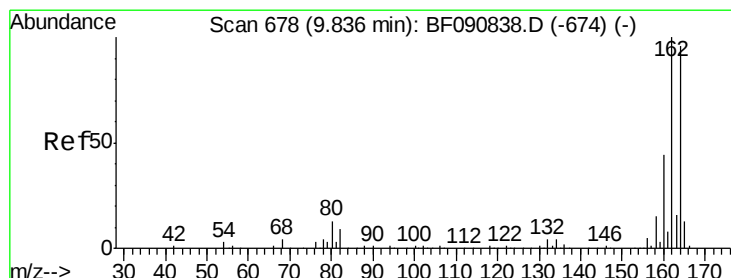
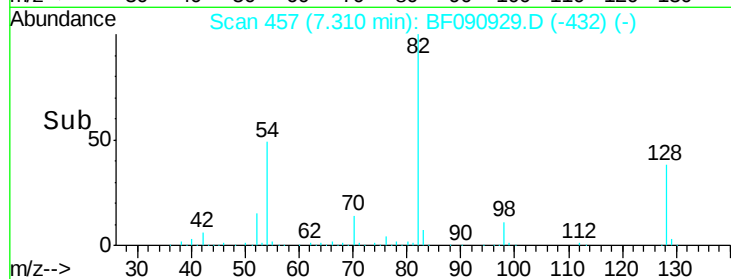
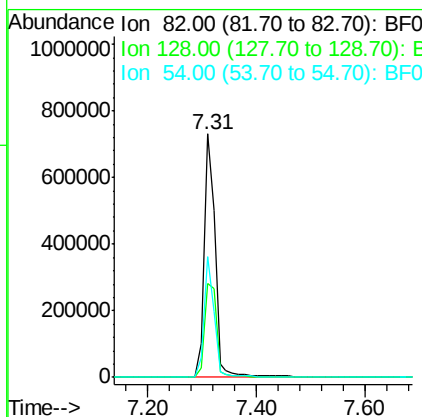
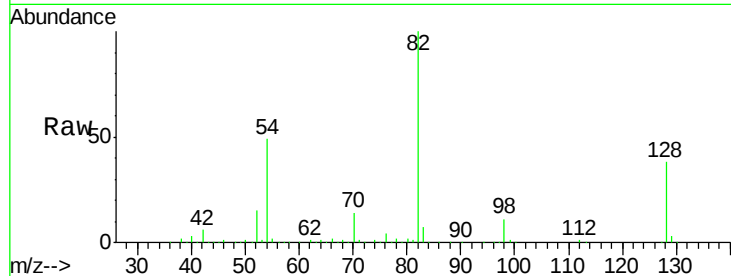
#23
 Nitrobenzene-d5
 Concen: 106.34 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090929.D
 Acq: 31 Oct 2016 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB94407BL

Tgt Ion: 82 Resp: 1013421
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 49.4 47.5 71.3

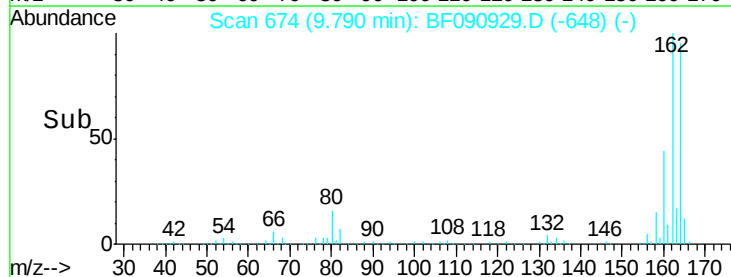
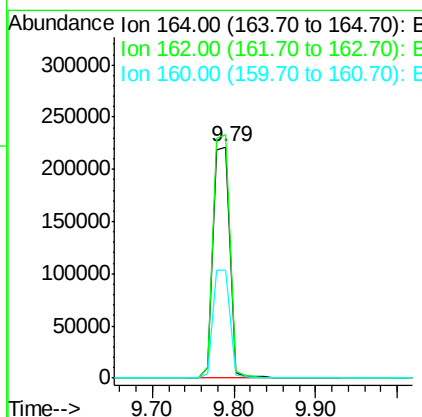
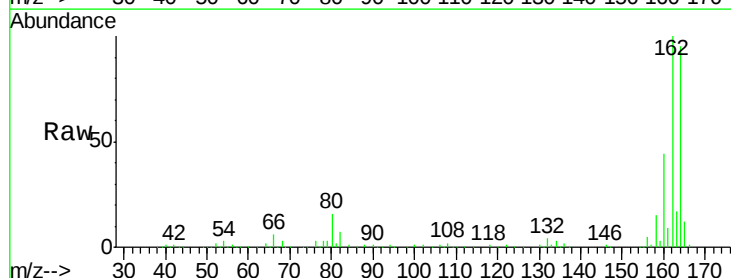
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF090929.D
 Acq: 31 Oct 2016 15:44

Tgt Ion: 164 Resp: 318019
 Ion Ratio Lower Upper
 164 100
 162 105.3 75.2 112.8
 160 46.5 31.5 47.3





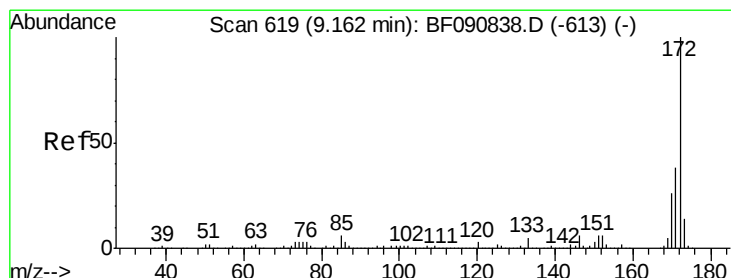
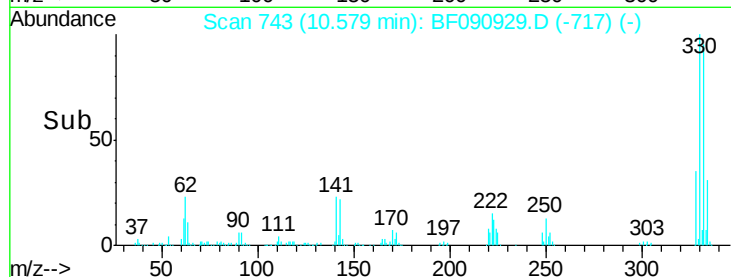
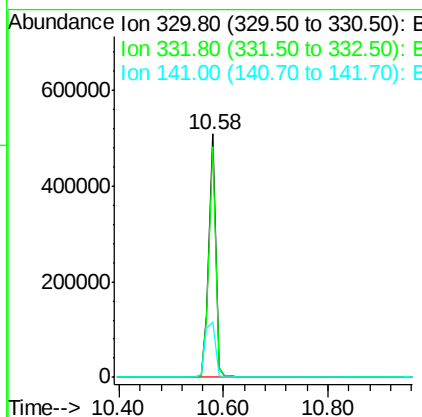
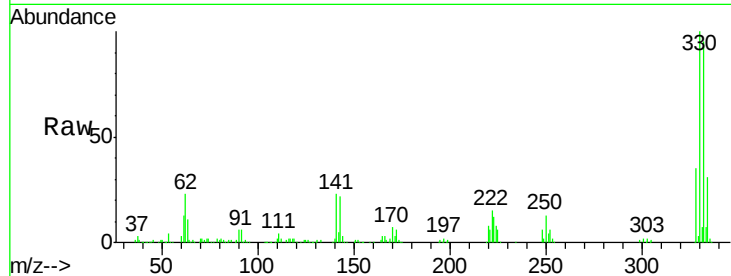
#41
 2,4,6-Tribromophenol
 Concen: 141.66 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090929.D
 Acq: 31 Oct 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	462979		
332	95.2	76.6	114.8	
141	34.9	29.7	44.5	

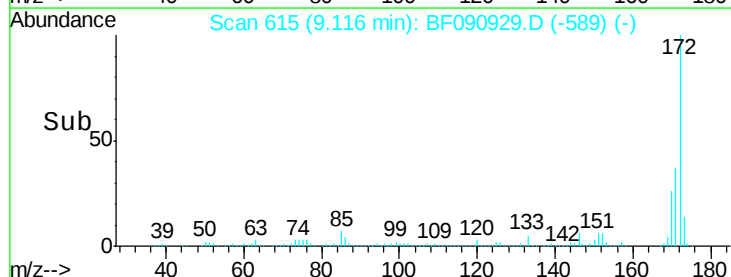
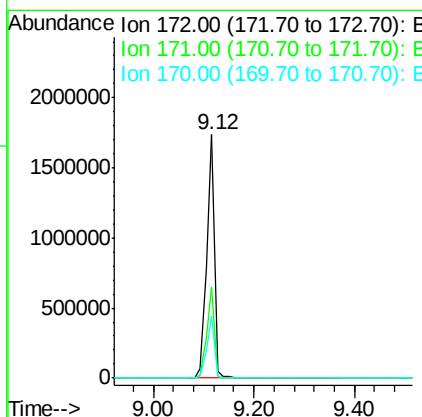
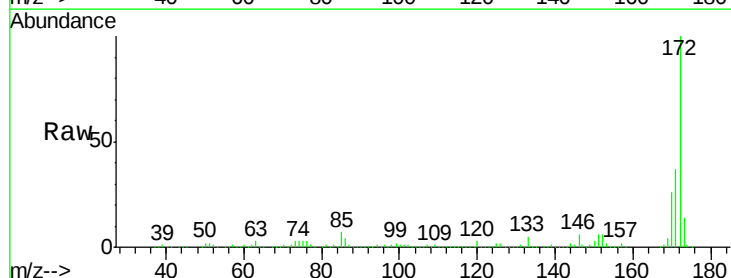
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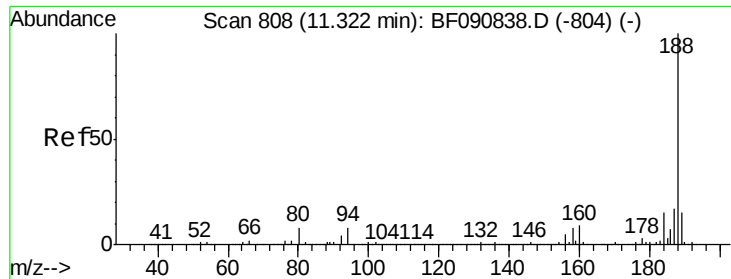
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#44
 2-Fluorobiphenyl
 Concen: 101.93 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090929.D
 Acq: 31 Oct 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1846013		
171	37.4	26.1	39.1	
170	25.6	17.4	26.2	





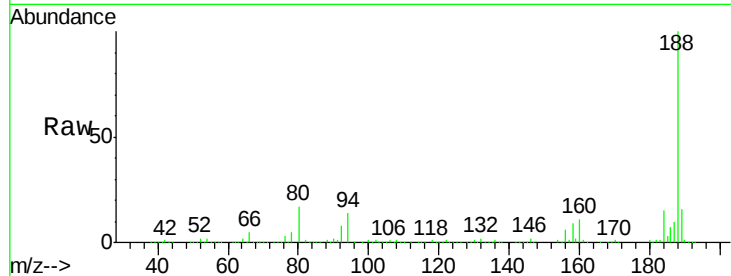
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090929.D
Acq: 31 Oct 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94407BL

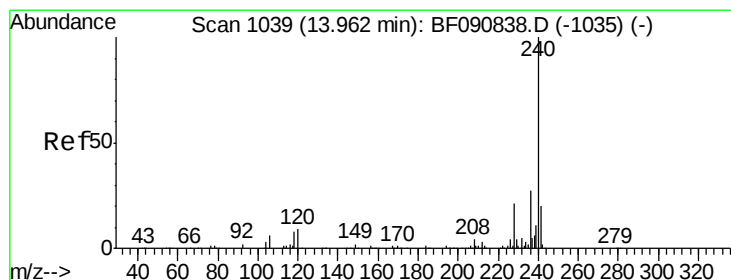
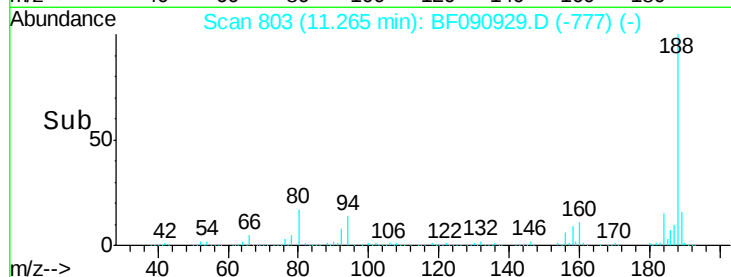
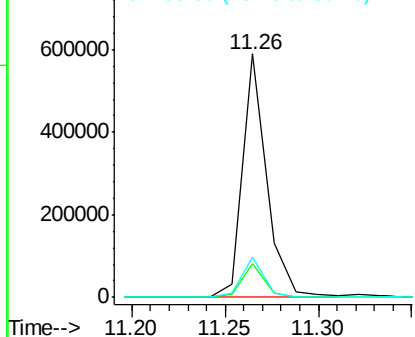
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.1	11.1	16.7
80	16.6	11.0	16.4

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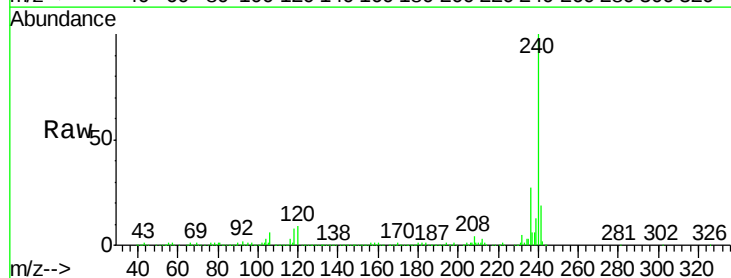


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

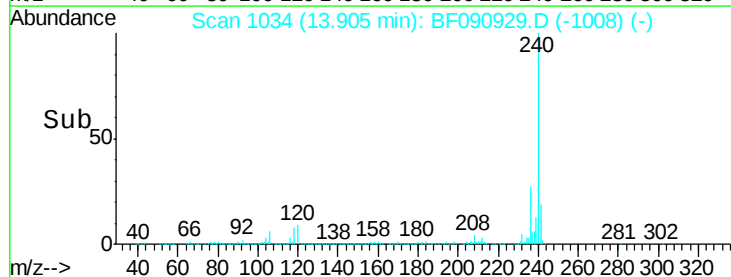
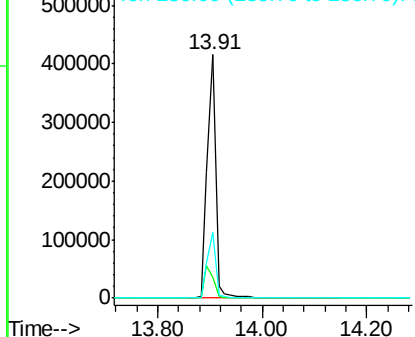


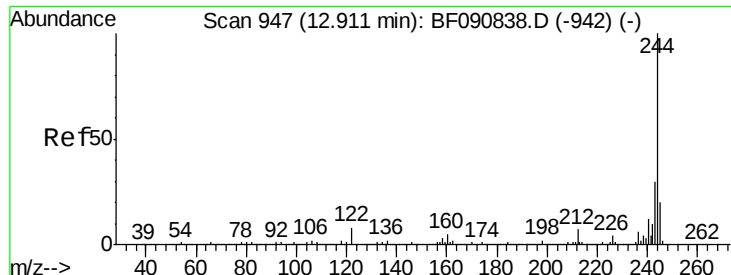
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF090929.D
Acq: 31 Oct 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.8	16.2	24.2
236	26.9	18.4	27.6



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: 107.35 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090929.D

Acq: 31 Oct 2016 15:44

Instrument :

BNA_F

ClientSampleId :

PB94407BL

Tgt Ion:244 Resp: 2017369

Ion Ratio Lower Upper

244 100

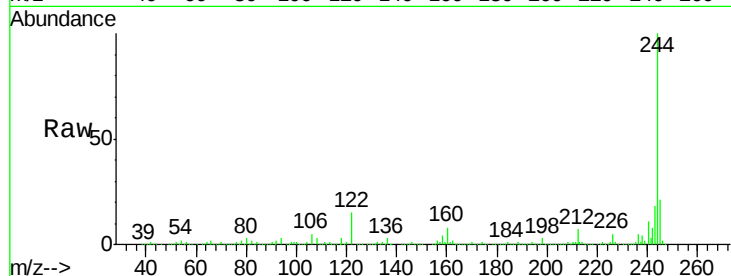
212 7.5 4.3 6.5#

122 14.7 17.4 26.2#

Manual Integrations
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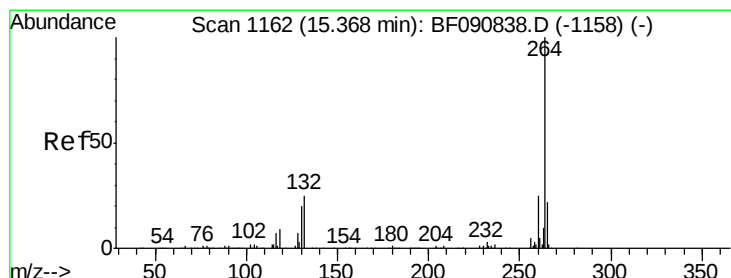
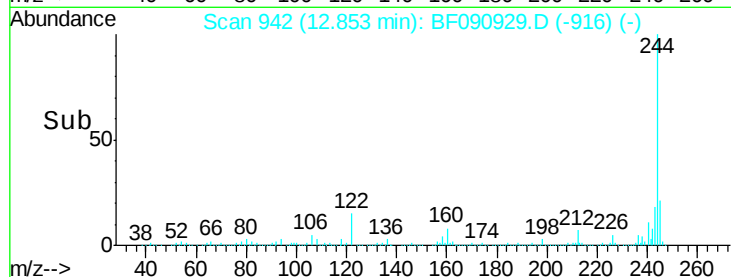
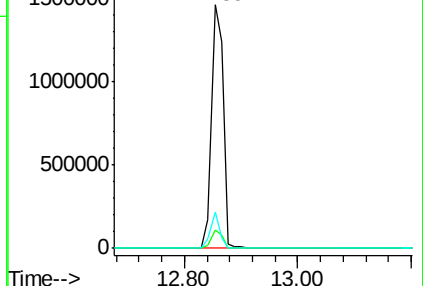
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090929.D

Acq: 31 Oct 2016 15:44

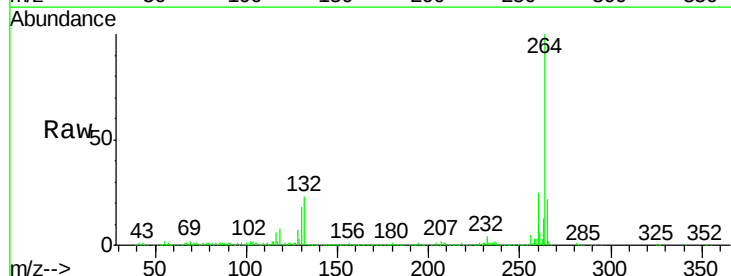
Tgt Ion:264 Resp: 341947

Ion Ratio Lower Upper

264 100

260 25.4 16.7 25.1#

265 21.8 17.2 25.8



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

