

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092812.D
 Acq On : 6 Feb 2017 22:49
 Operator : SJ/MA
 Sample : I1692-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Manual Integrations
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Quant Time: Feb 07 01:53:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	148125	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	567520	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	306905	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	452105	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	339664	20.00	ng	-0.01
86) Perylene-d12	15.53	264	299574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1253068	145.13	ng	0.01
7) Phenol-d6	6.56	99	1482263	133.43	ng	0.00
23) Nitrobenzene-d5	7.48	82	1064768	104.48	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	326831	147.24	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1561940	92.20	ng	0.00
78) Terphenyl-d14	13.03	244	1040313	71.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	579797	28.05	ng	99
70) Phenanthrene	11.46	178	93814	3.62	ng	98
74) Fluoranthene	12.65	202	111515	4.17	ng	96
77) Pyrene	12.88	202	99027	3.90	ng	98
80) Benzo(a)anthracene	14.07	228	53440	2.57	ng	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	33001	2.34	ng	99
87) Benzo(b)fluoranthene	15.11	252	53283m	2.70	ng	

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

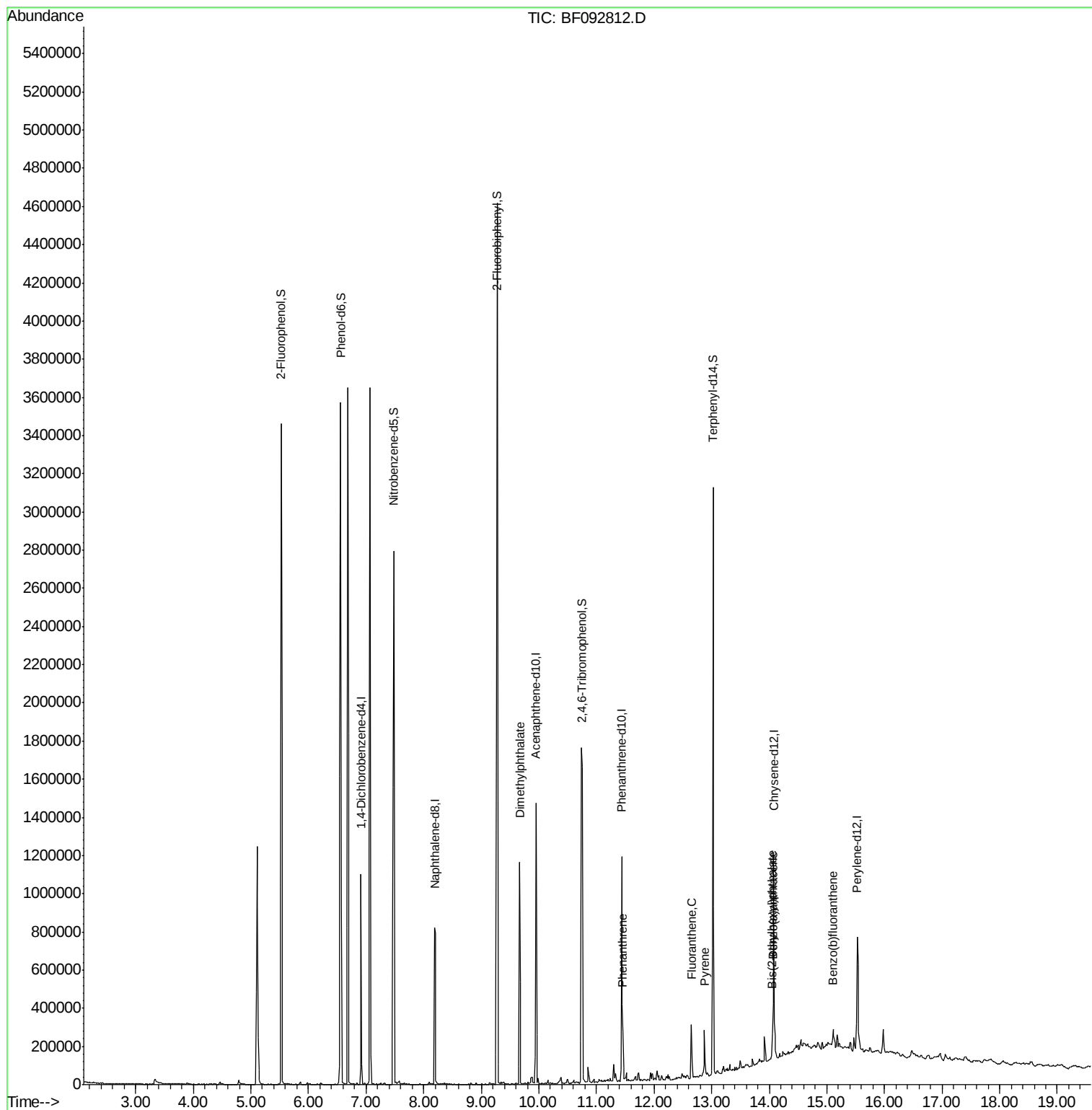
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
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#1

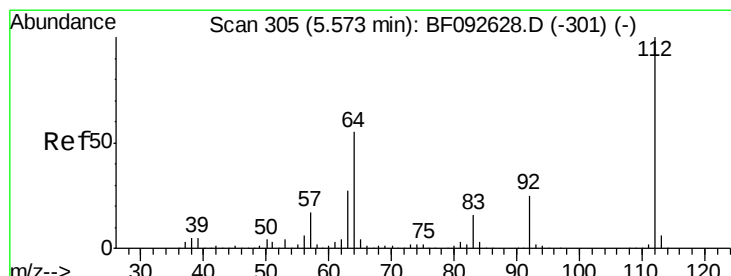
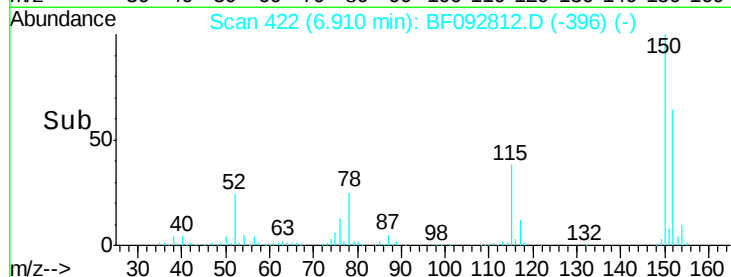
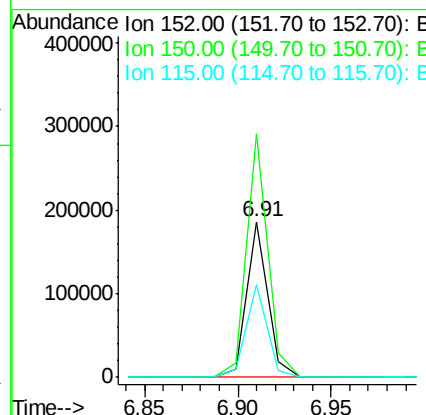
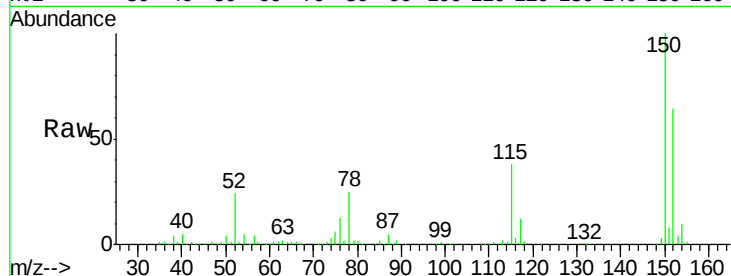
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.9	187.3
115	59.8	46.0	69.0

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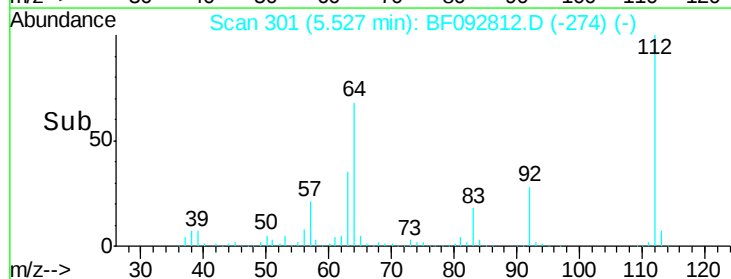
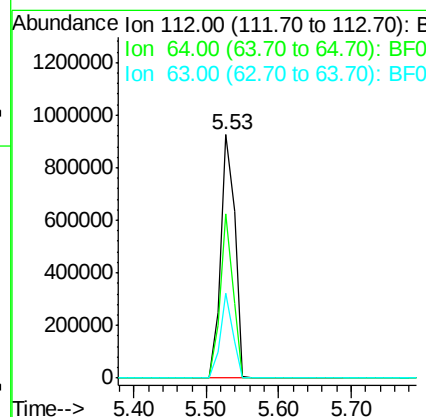
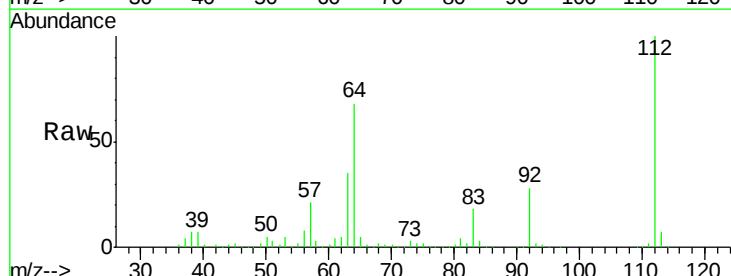
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#5

2-Fluorophenol
Concen: 145.13 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.1	69.1
63	34.6	23.8	35.6





#7

Phenol-d6

Concen: 133.43 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF092812.D

Acq: 6 Feb 2017 22:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-20-41-COMP

Tot Ion: 99 Resp: 1482263

Ion Ratio Lower Upper

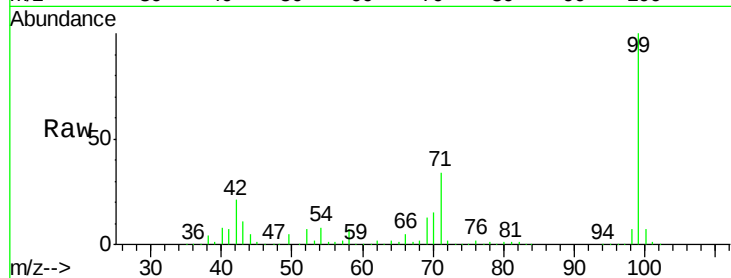
99 100

42 21.1 15.6 23.4

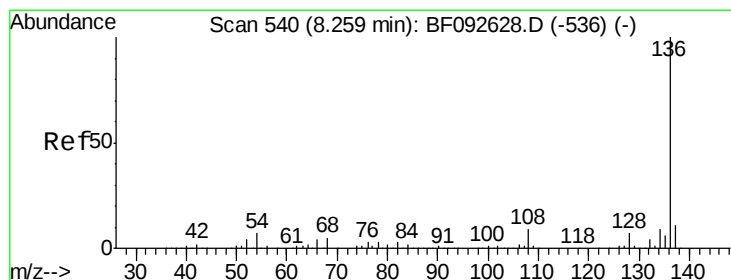
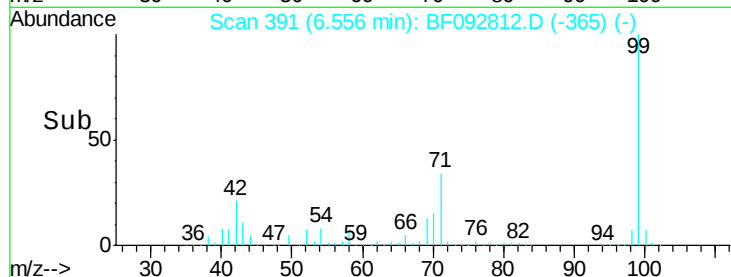
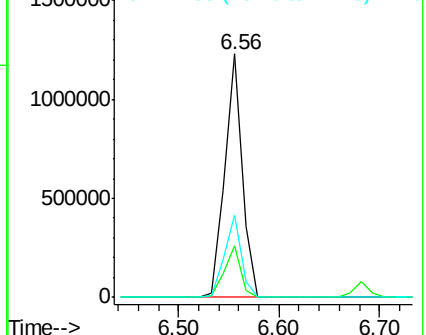
71 33.8 27.5 41.3

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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: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092812.D

Acq: 6 Feb 2017 22:49

Tgt Ion: 136 Resp: 567520

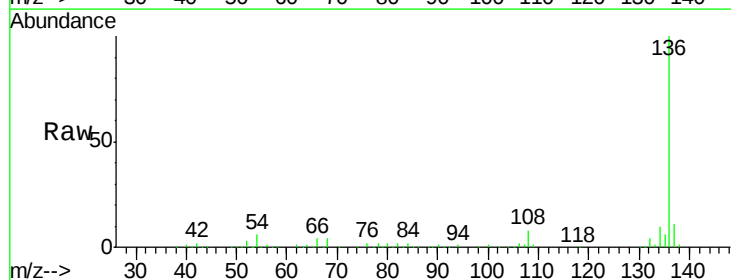
Ion Ratio Lower Upper

136 100

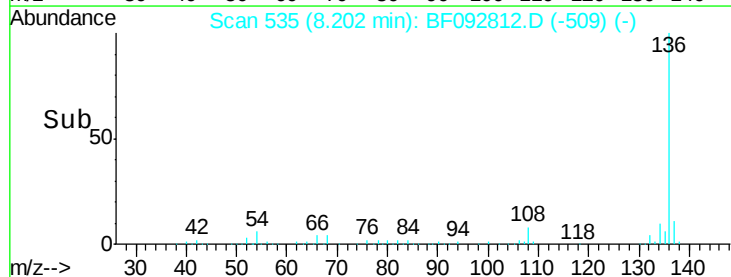
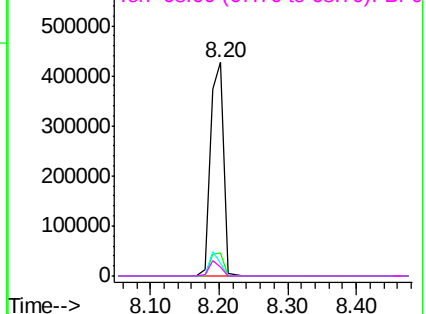
137 10.7 8.4 12.6

54 6.3 4.5 6.7

68 4.5 3.6 5.4



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





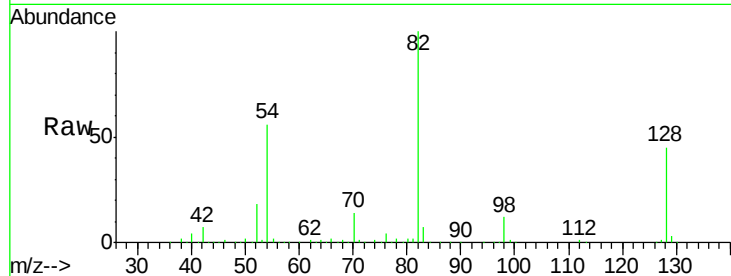
#23
 Nitrobenzene-d5
 Concen: 104.48 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

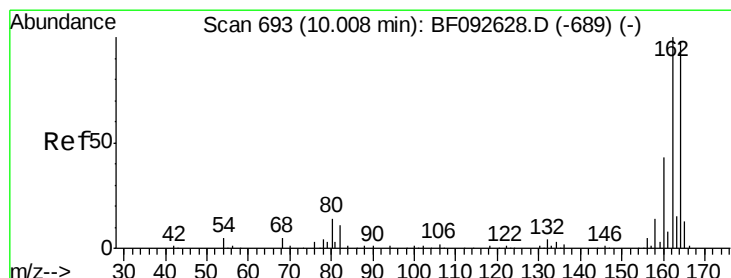
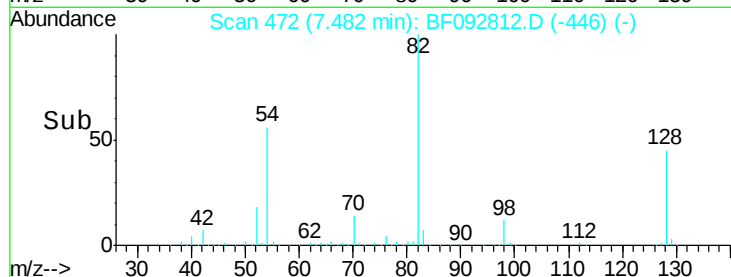
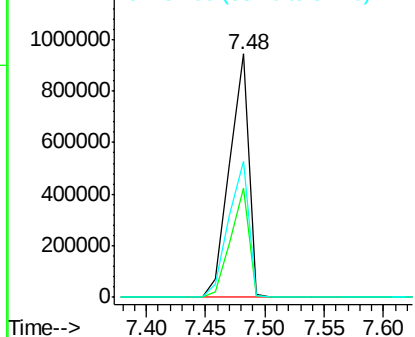
Tot Ion	82	Resp	1064768
Ion Ratio	100	Lower	Upper
82	100		
128	44.8	34.6	52.0
54	56.0	39.5	59.3

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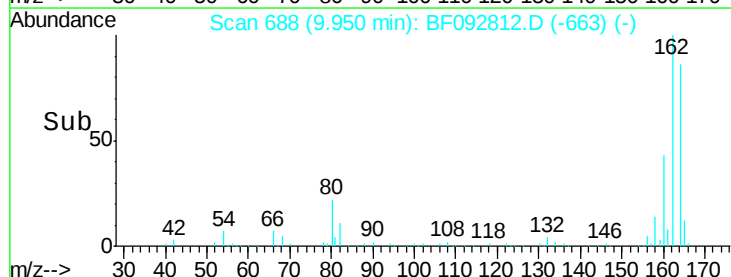
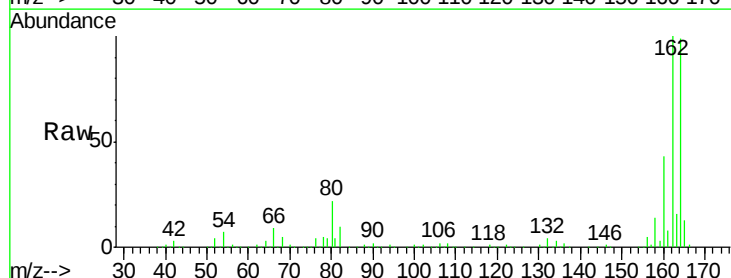
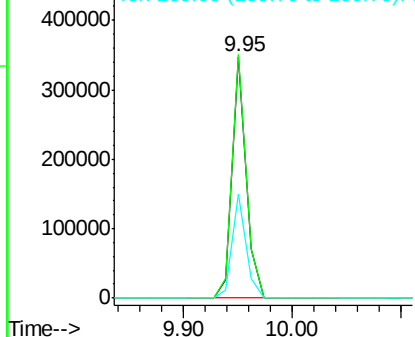
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

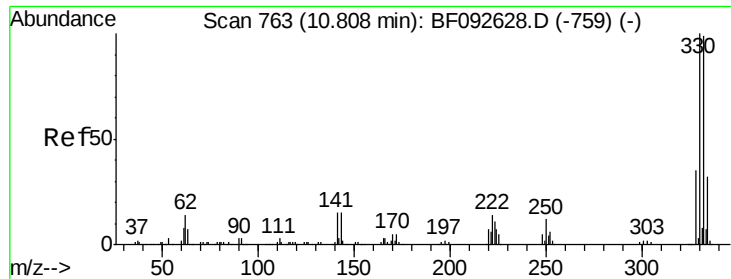


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Tgt Ion	164	Resp	306905
Ion Ratio	100	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.0	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





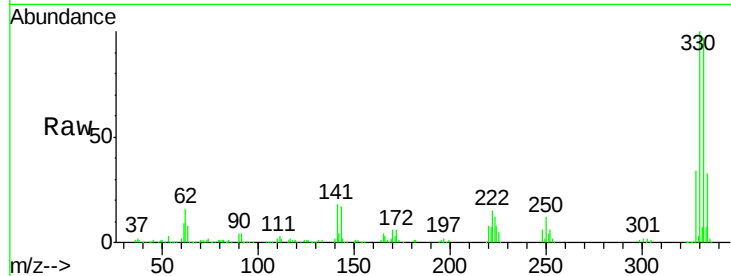
#41
 2,4,6-Tribromophenol
 Concen: 147.24 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

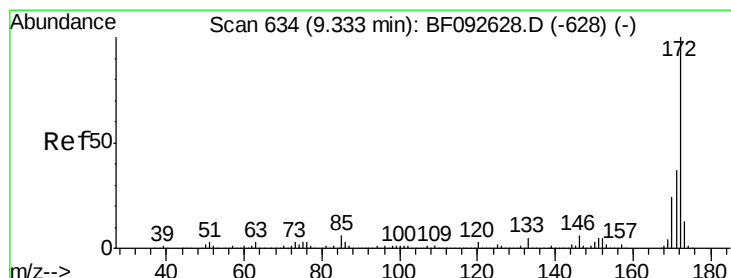
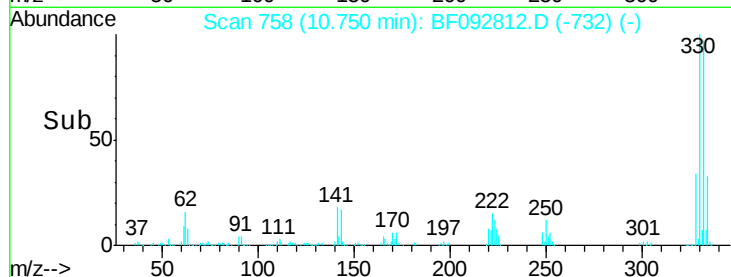
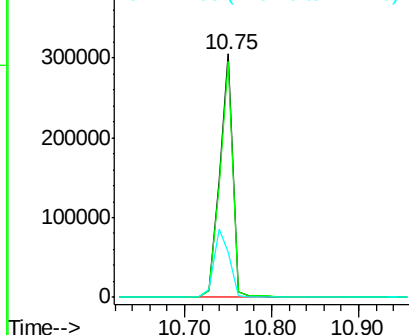
Tot Ion	Ratio	Resp	Lower	Upper
330	100	326831		
332	96.9		77.4	116.2
141	32.9		34.1	51.1#

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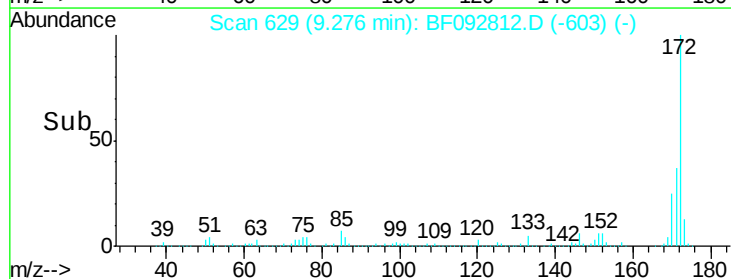
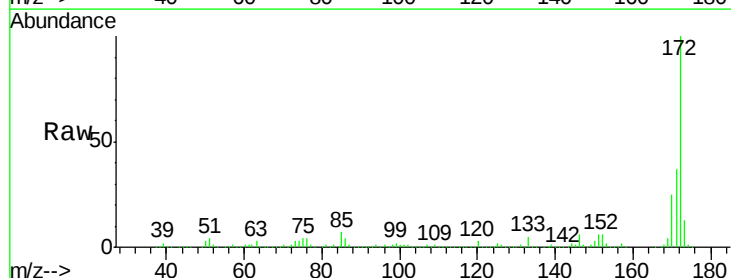
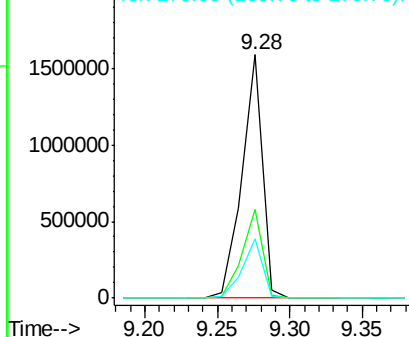
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

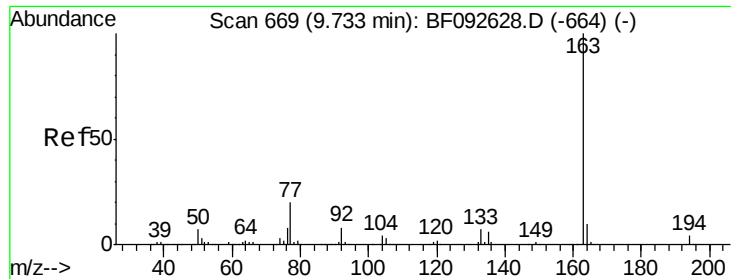


#44
 2-Fluorobiphenyl
 Concen: 92.20 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1561940		
171	36.6		29.4	44.0
170	24.6		20.2	30.4

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





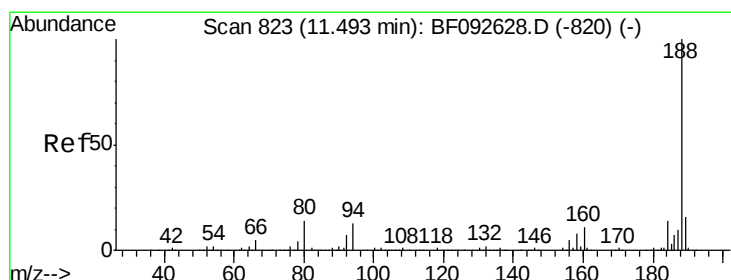
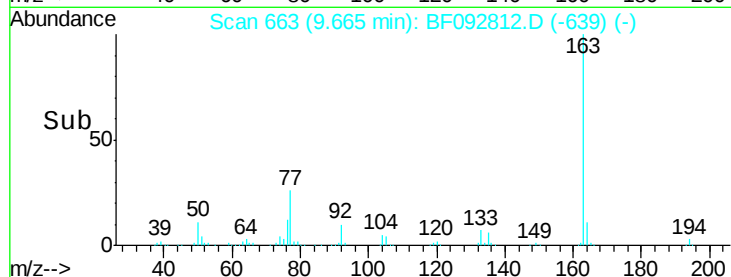
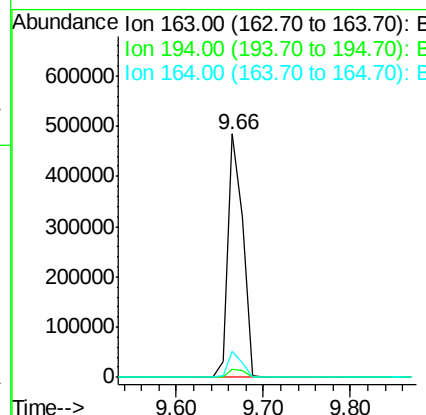
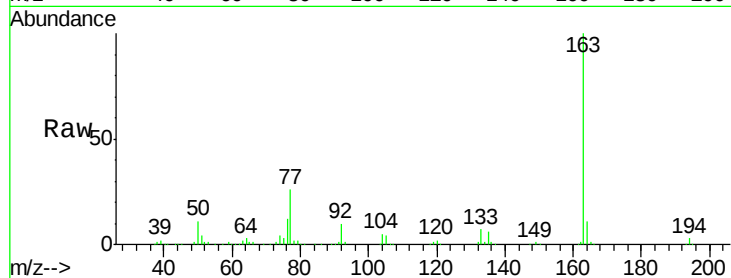
#49
Dimethylphthalate
Concen: 28.05 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	579797		
194	3.3		3.0	4.4
164	10.5		8.0	12.0

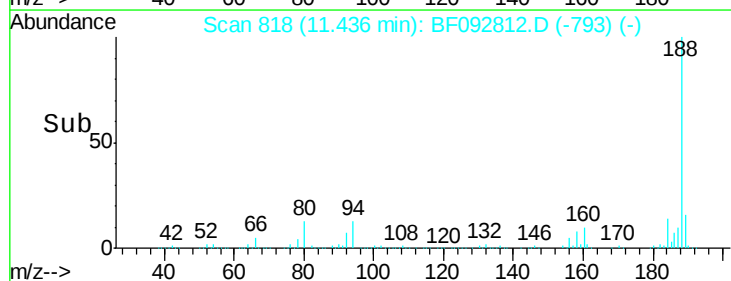
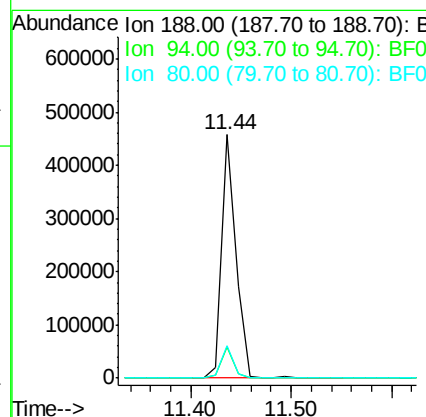
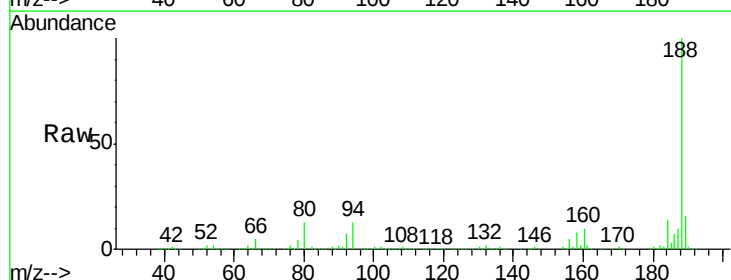
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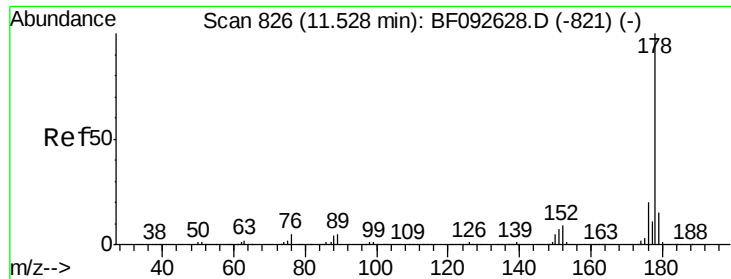
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	452105		
94	12.5		10.0	15.0
80	13.2		11.2	16.8





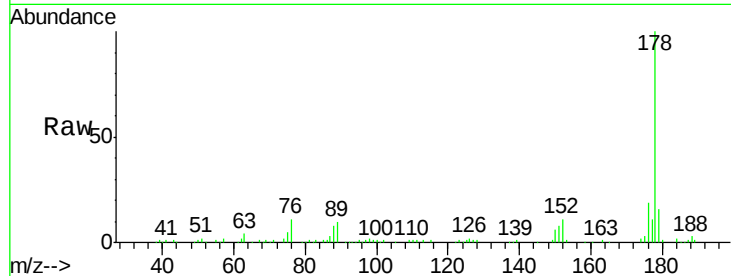
#70
Phenanthrene
Concen: 3.62 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

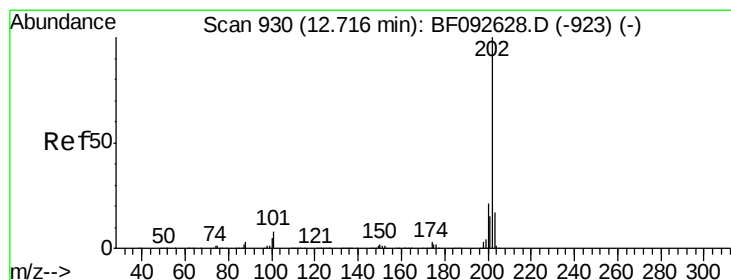
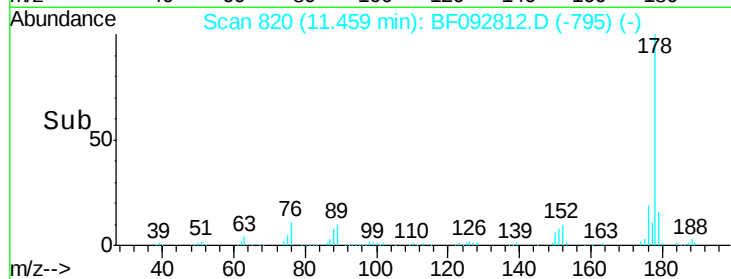
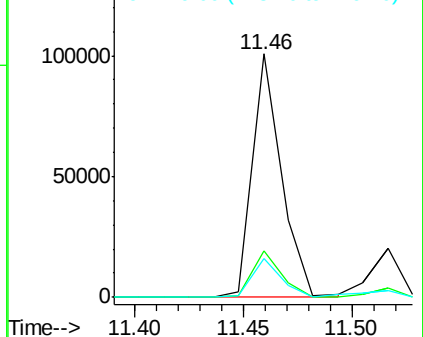
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.2	12.8	19.2

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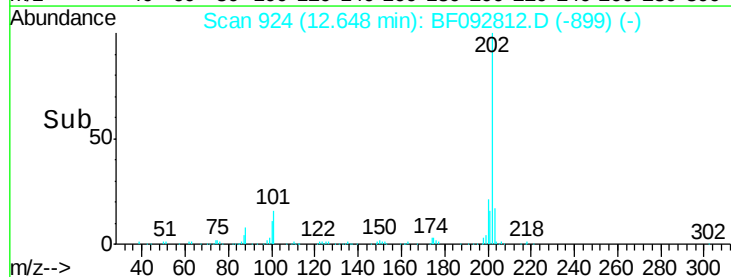
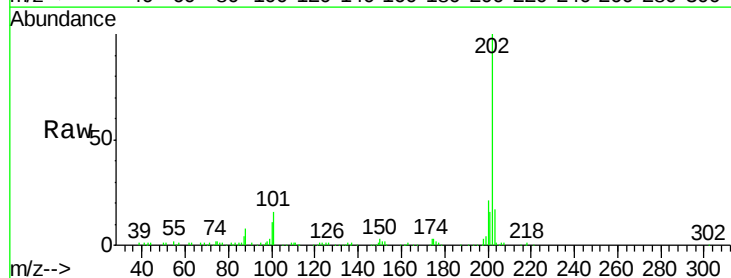
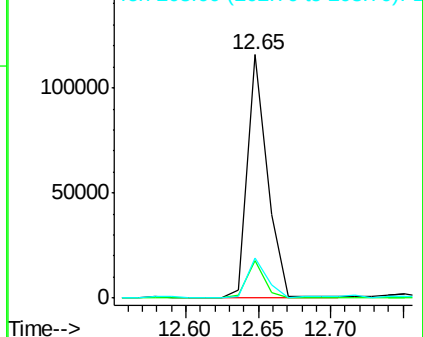
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

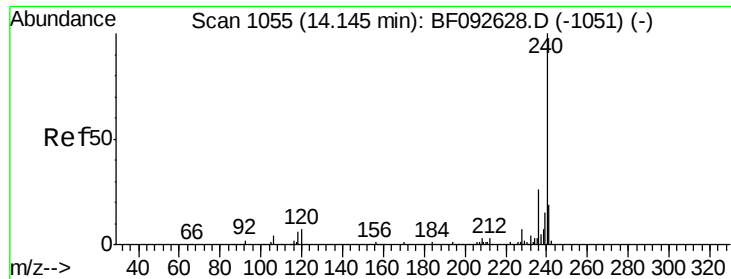


#74
Fluoranthene
Concen: 4.17 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.6
203	16.7	0.0	38.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





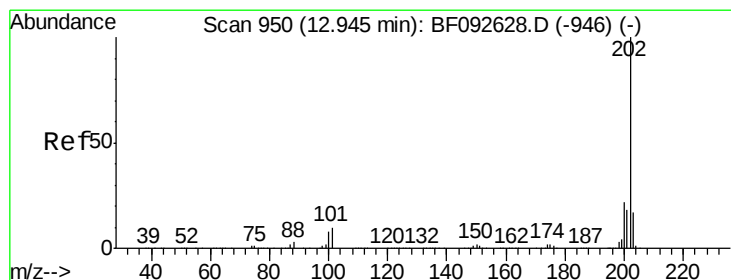
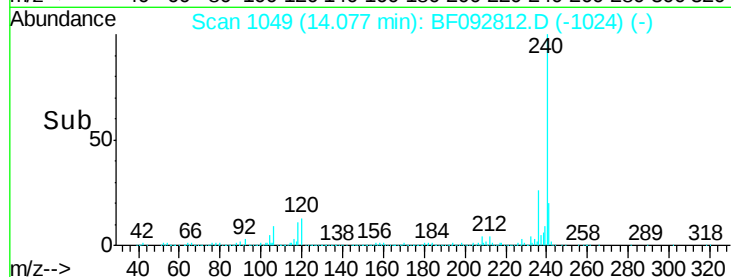
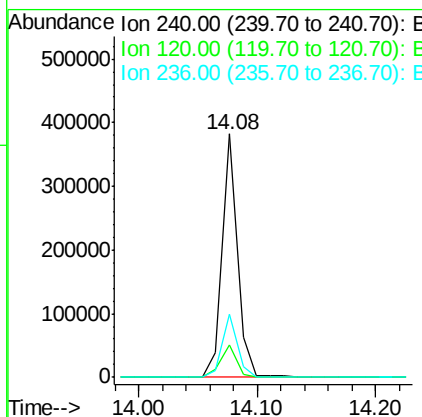
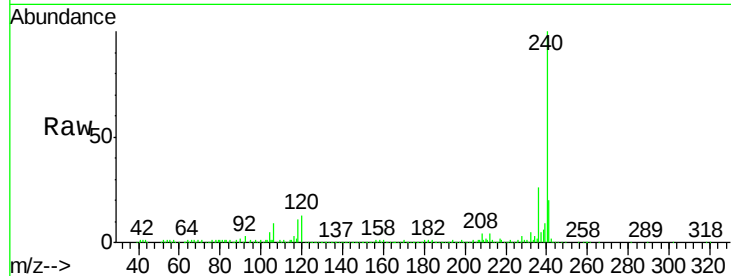
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.9	20.9	31.3

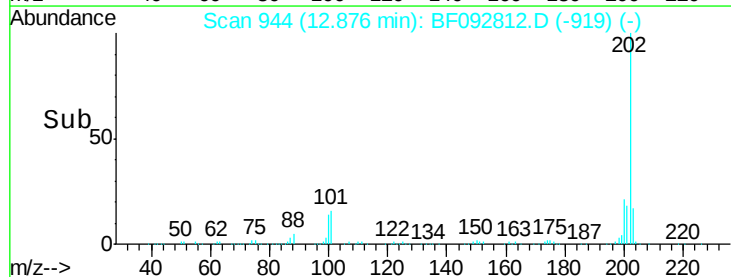
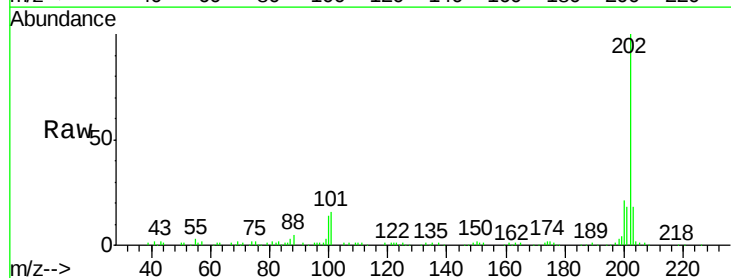
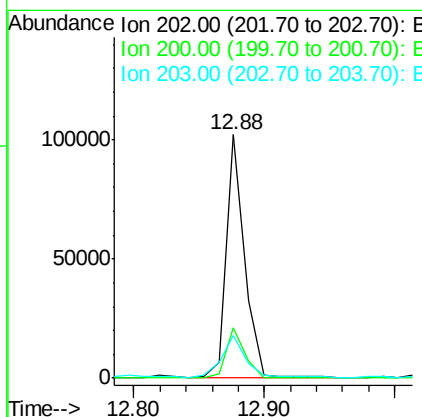
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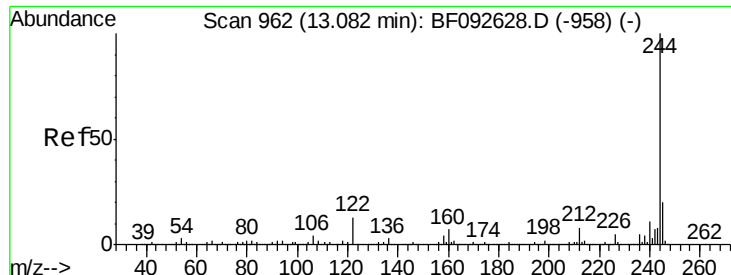
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#77
Pyrene
Concen: 3.90 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.7	14.7	22.1





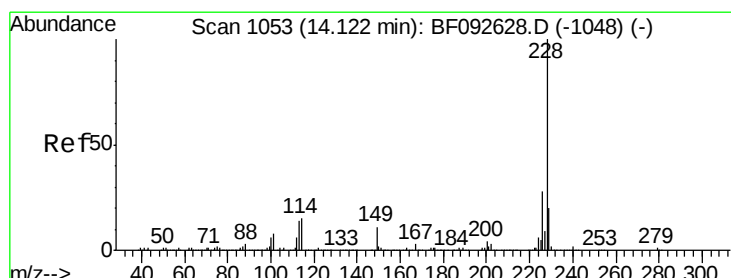
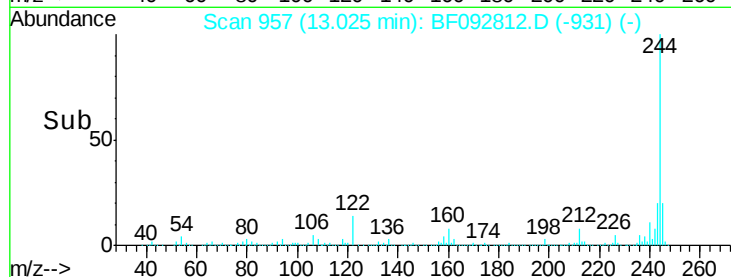
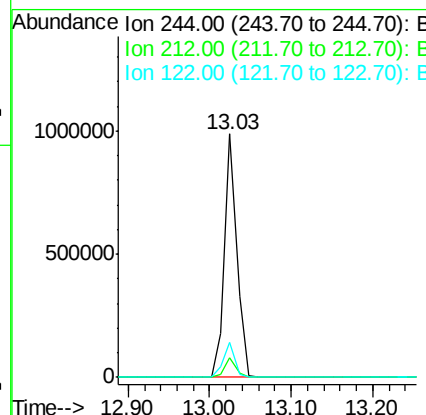
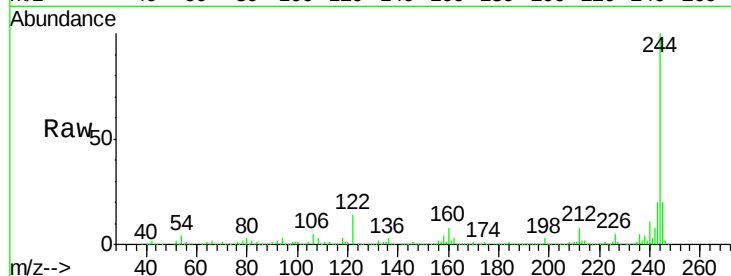
#78
 Terphenyl-d14
 Concen: 71.96 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Tot Ion:244 Resp: 1040313
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.2 11.4 17.2

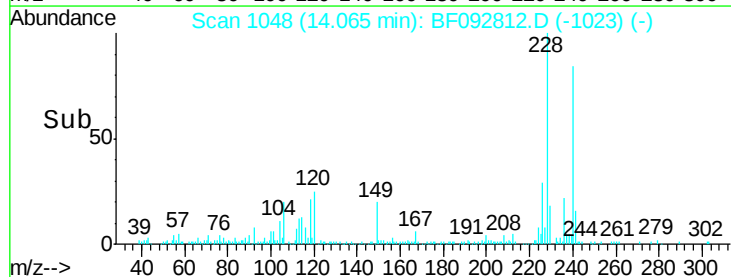
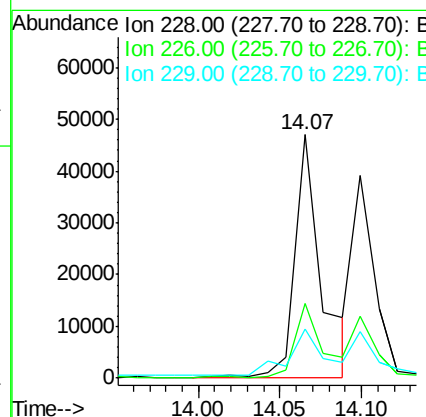
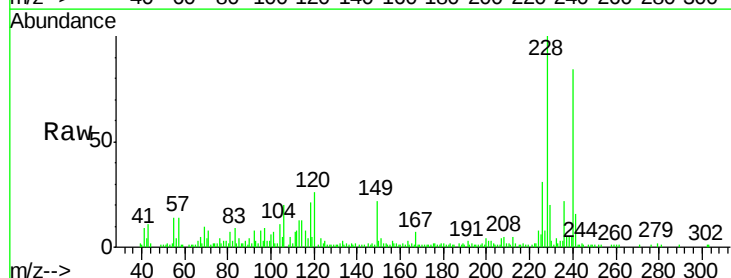
Manual Integrations
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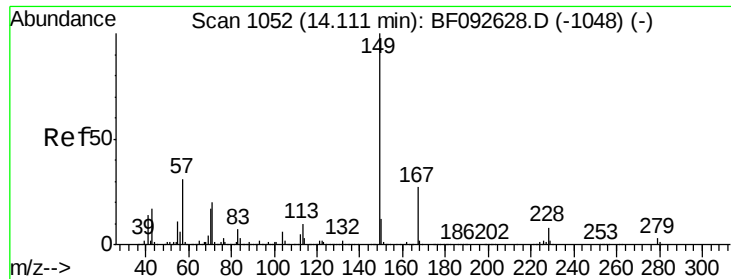
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.57 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Tgt Ion:228 Resp: 53440
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.4 33.6
 229 20.2 16.2 24.4





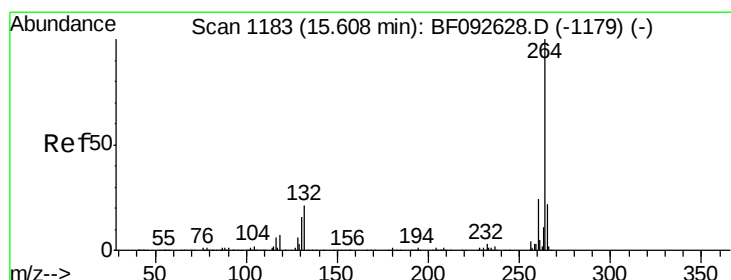
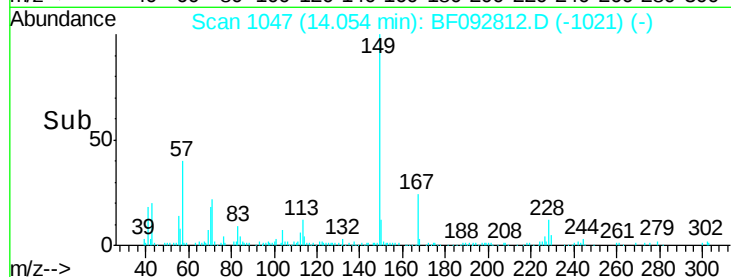
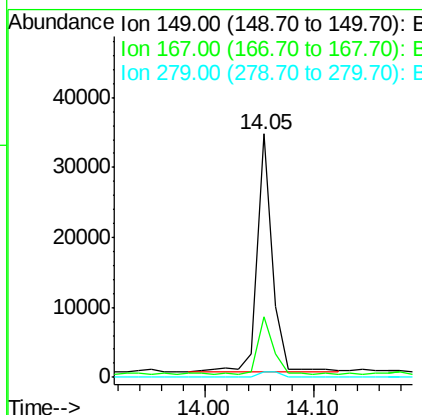
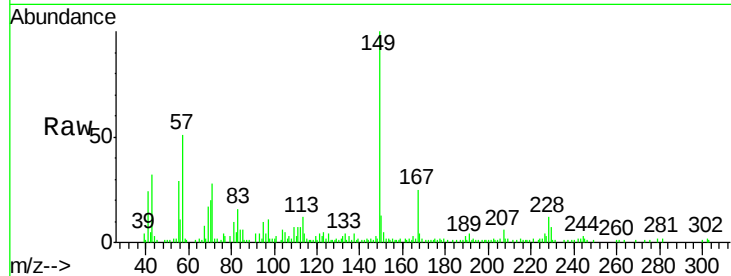
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.34 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.4
279	2.1	1.8	2.8

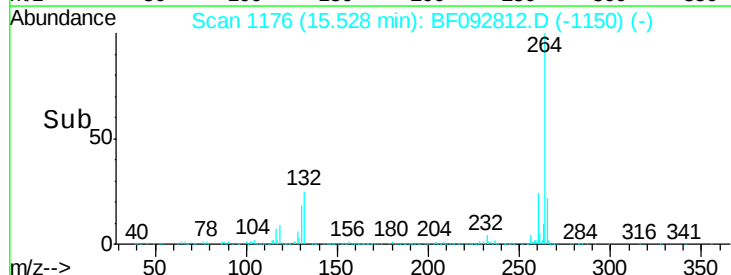
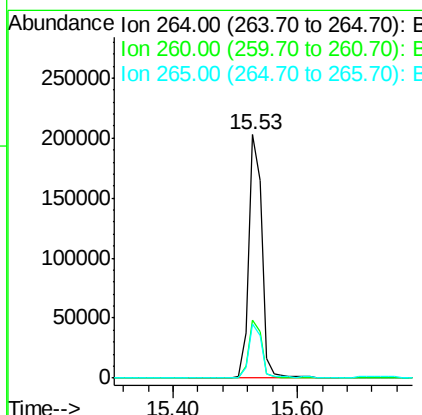
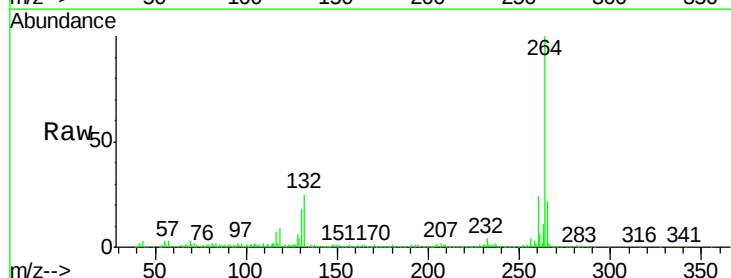
Manual Integrations
 APPROVED

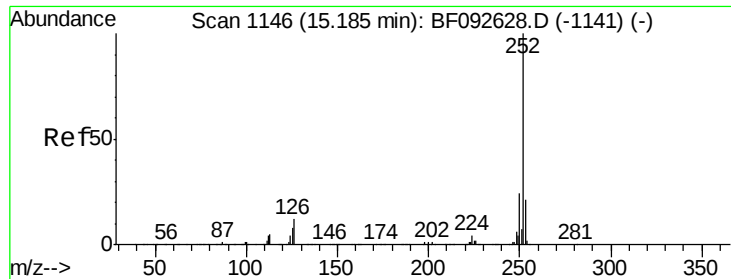
mohammad
 2/7/2017 3:14:35 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.4	26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.70 ng m
 RT: 15.11 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF092812.D
 Acq: 6 Feb 2017 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	18.3	9.8	14.6

Manual Integrations
 APPROVED

mohammad
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