

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
 Data File : BF093240.D
 Acq On : 28 Feb 2017 11:23
 Operator : SJ/MA
 Sample : I1998-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Manual Integrations
 APPROVED

mohammad
 3/1/2017 4:05:46 PM

Quant Time: Mar 01 06:55:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133406	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	503796	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	251331	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	467640	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	395525	20.00	ng	-0.06
86) Perylene-d12	15.39	264	290937	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	918077	118.07	ng	-0.03
7) Phenol-d6	6.46	99	1219090	121.85	ng	-0.02
23) Nitrobenzene-d5	7.38	82	781549	86.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	211418	116.31	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1264805	91.17	ng	-0.05
78) Terphenyl-d14	12.91	244	1172533	69.66	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	418316	24.71	ng	98
74) Fluoranthene	12.53	202	97259	3.52	ng	95
77) Pyrene	12.76	202	88392	2.99	ng	98
80) Benzo(a)anthracene	13.95	228	48547	2.01	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	102512	6.24	ng	99
87) Benzo(b)fluoranthene	14.98	252	54177m	2.83	ng	

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

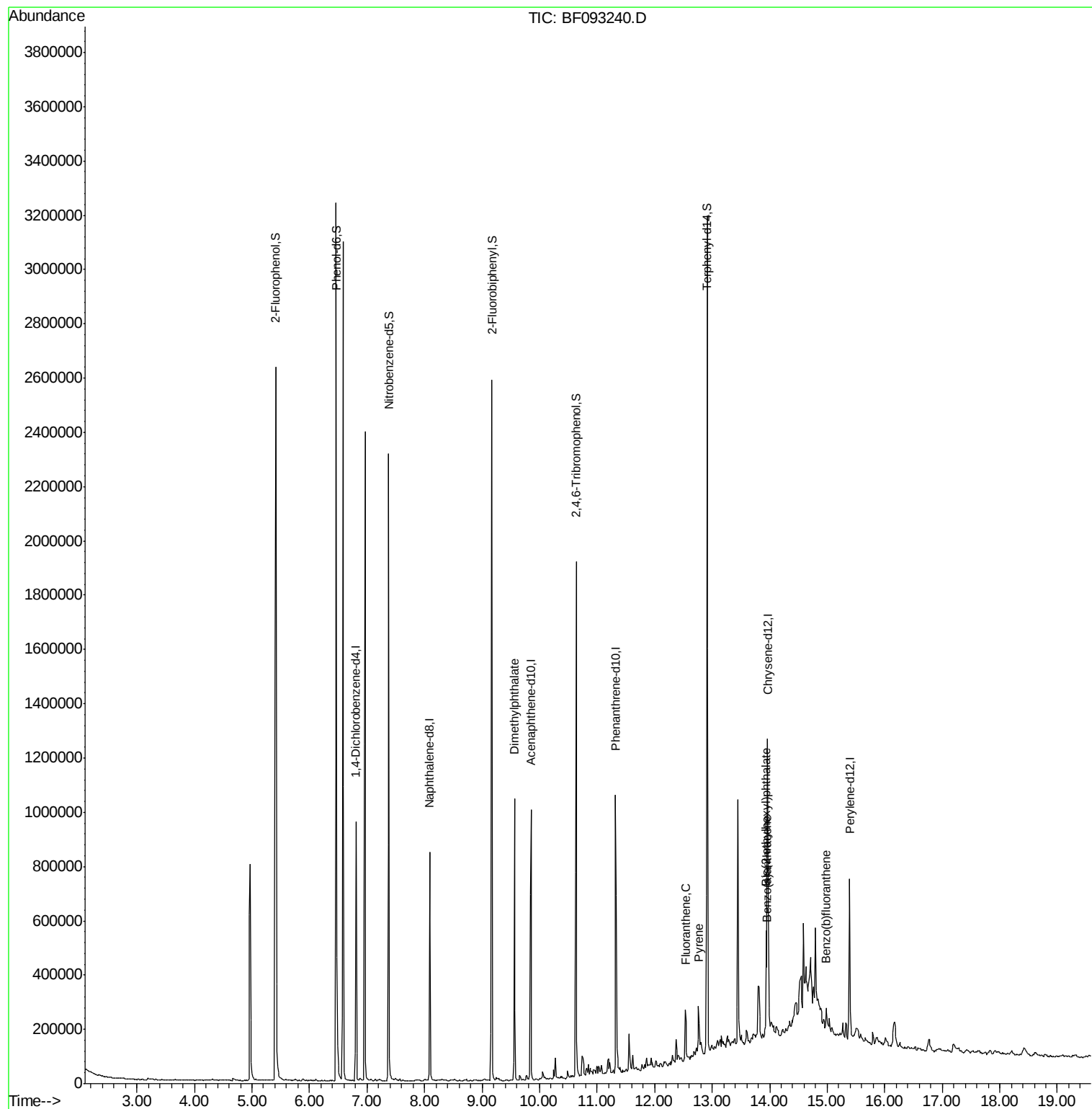
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Instrument :

BNA_F

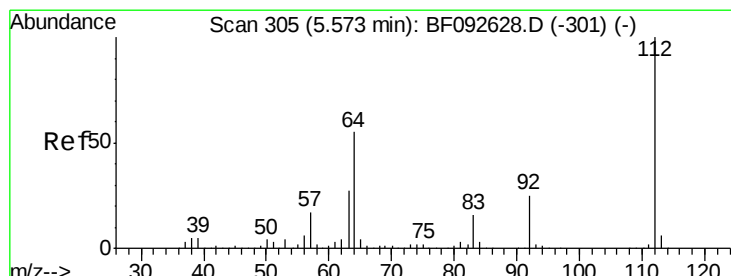
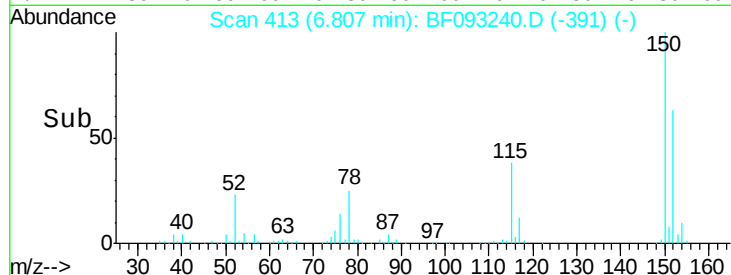
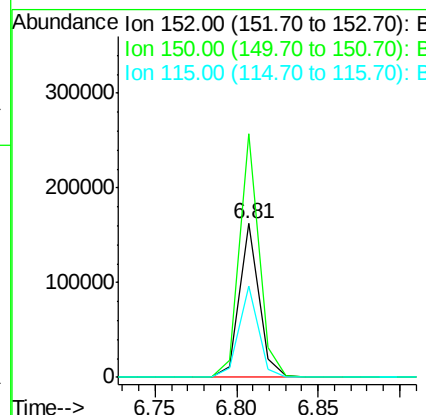
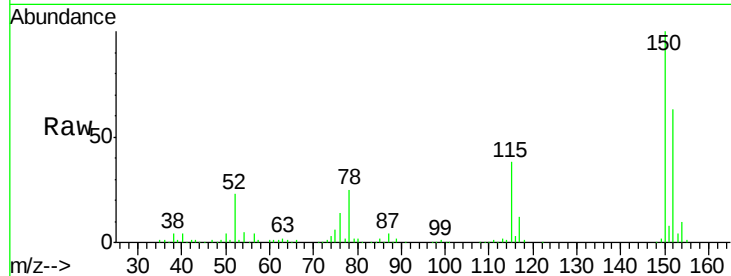
ClientSampleId :

ROLL-OFF-1615-COMP

Tgt Ion:	152	Resp:	133406
Ion Ratio	Lower	Upper	
152	100		
150	158.5	124.9	187.3
115	59.8	46.0	69.0

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#5

2-Fluorophenol

Concen: 118.07 ng

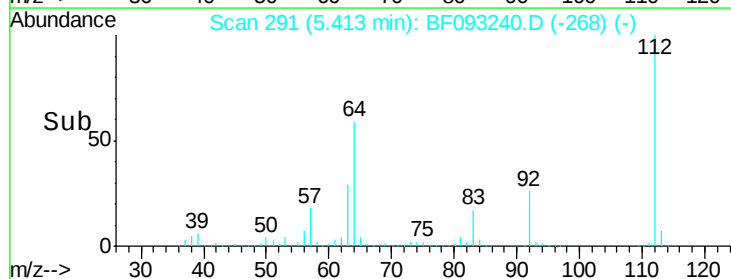
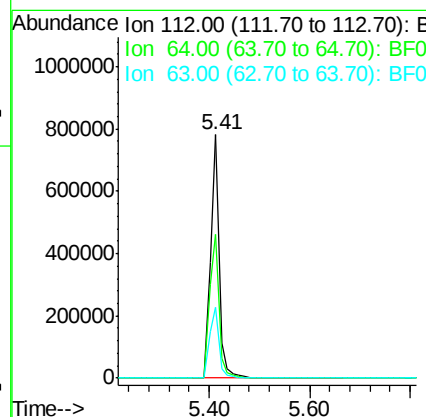
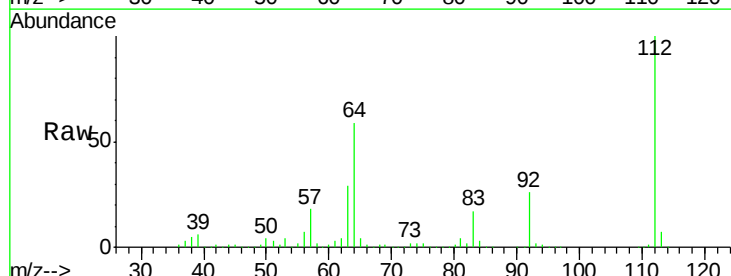
RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Tgt Ion:	112	Resp:	918077
Ion Ratio	Lower	Upper	
112	100		
64	59.1	46.1	69.1
63	29.3	23.8	35.6





#7

Phenol-d6

Concen: 121.85 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

Tgt Ion: 99 Resp: 1219090

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

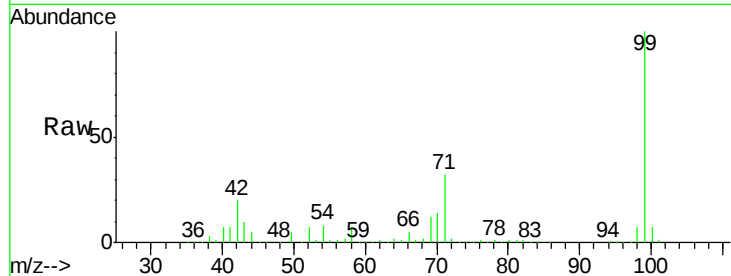
71 32.0 27.5 41.3

Manual Integrations

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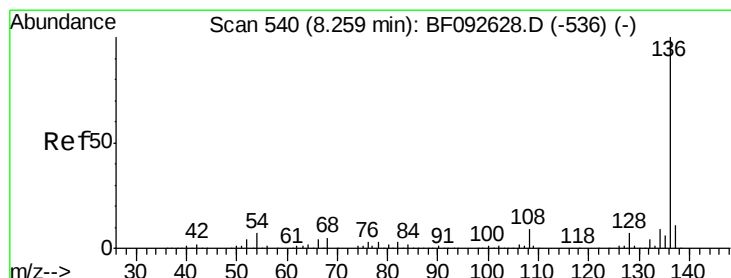
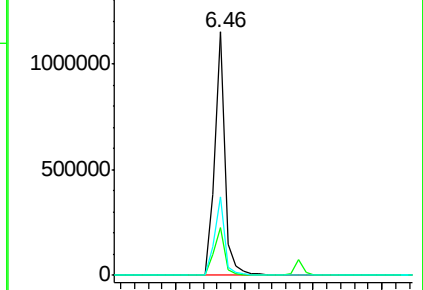
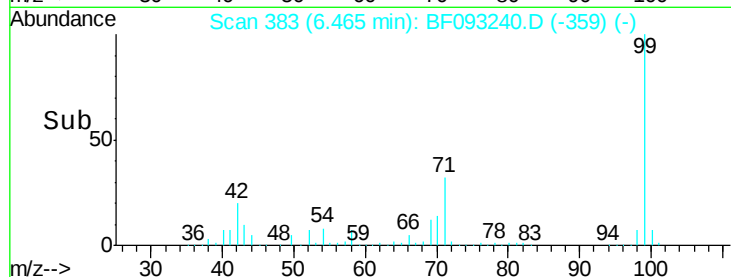
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Tgt Ion: 136 Resp: 503796

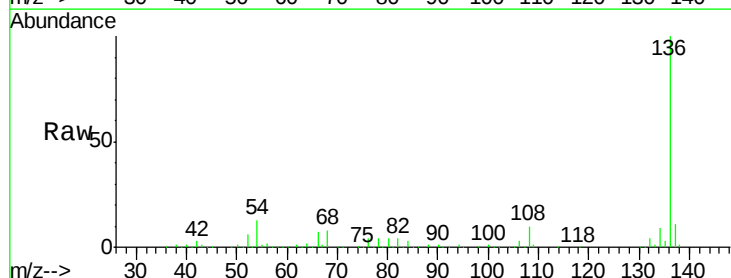
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 13.0 4.5 6.7#

68 8.3 3.6 5.4#

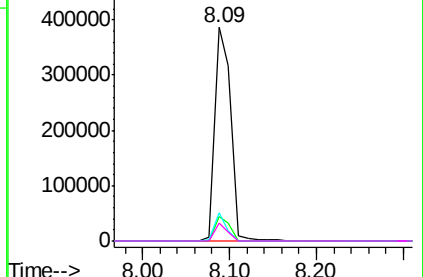
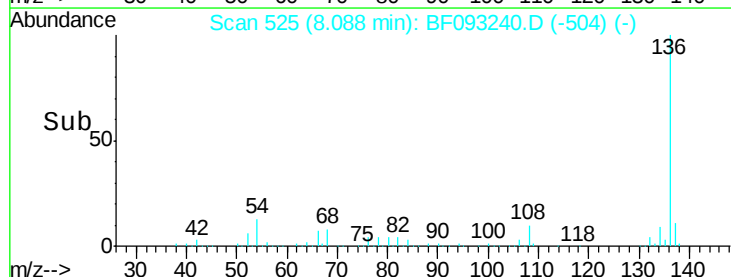


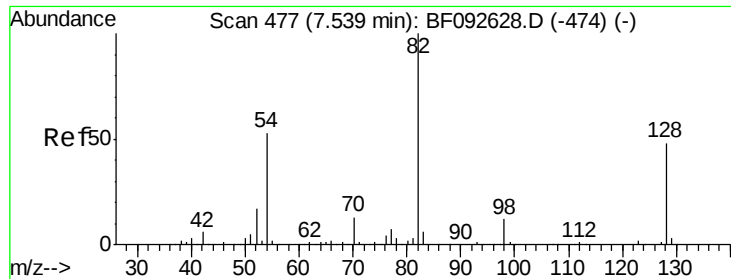
Abundance Ion 136.00 (135.70 to 136.70): E

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





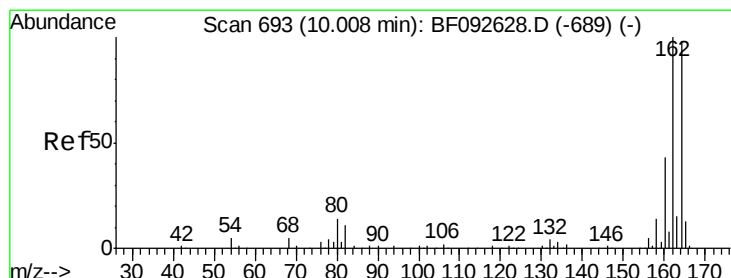
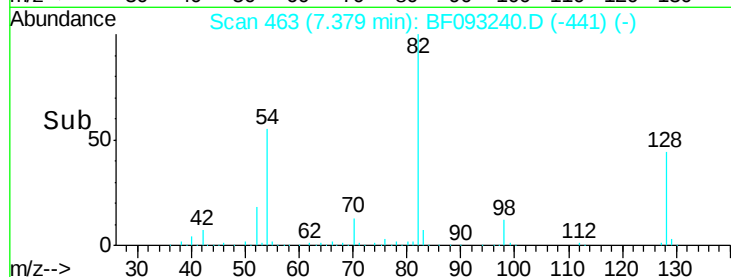
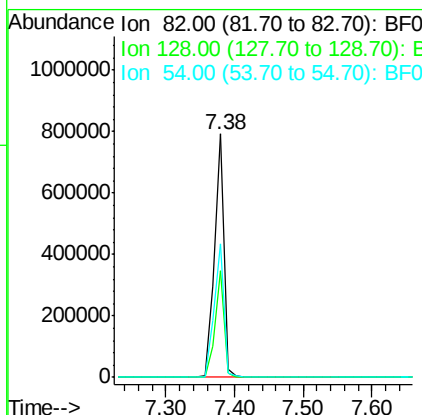
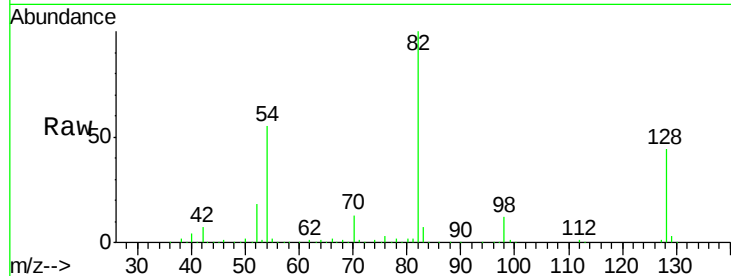
#23
 Nitrobenzene-d5
 Concen: 86.39 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093240.D
 Acq: 28 Feb 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	55.0	39.5	59.3

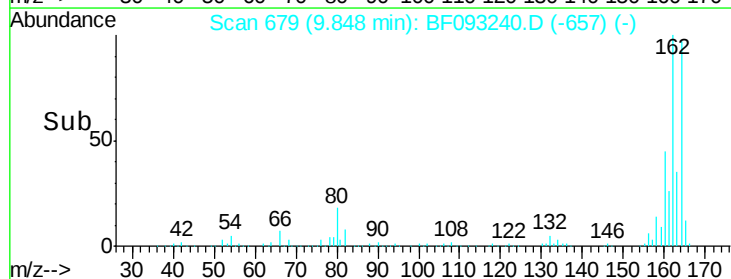
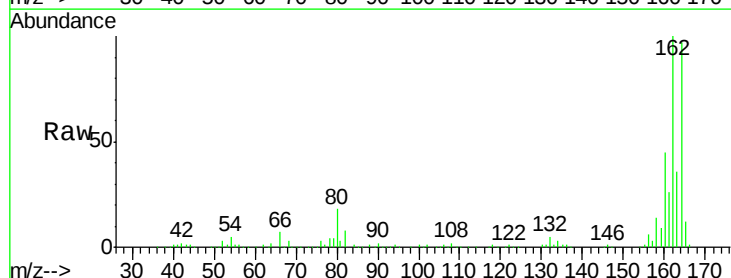
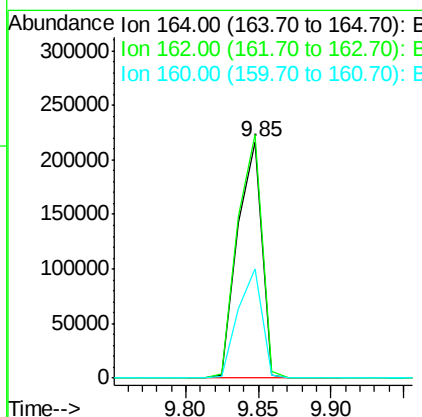
Manual Integrations
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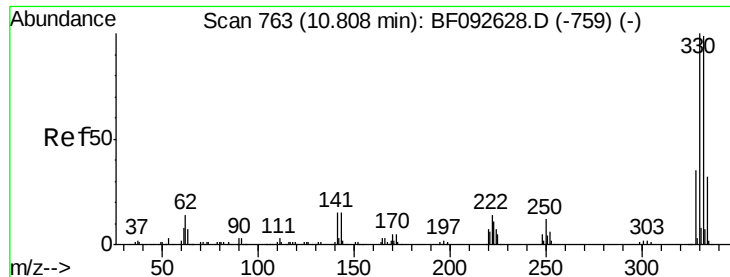
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093240.D
 Acq: 28 Feb 2017 11:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	46.4	36.9	55.3





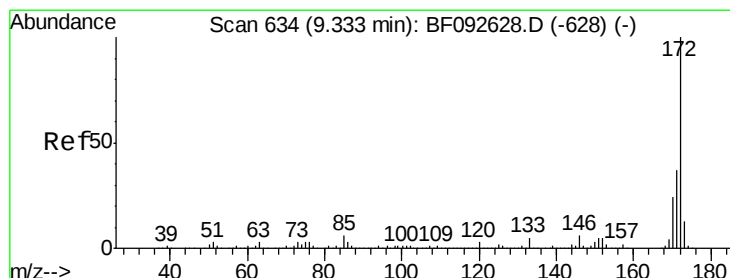
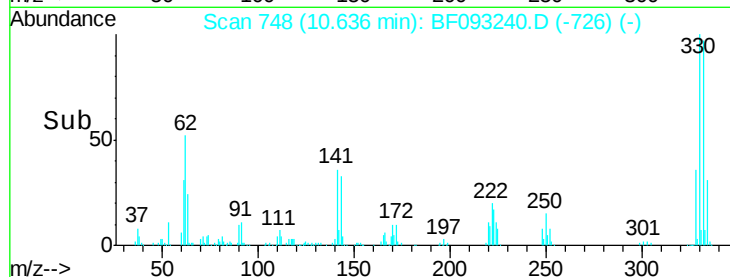
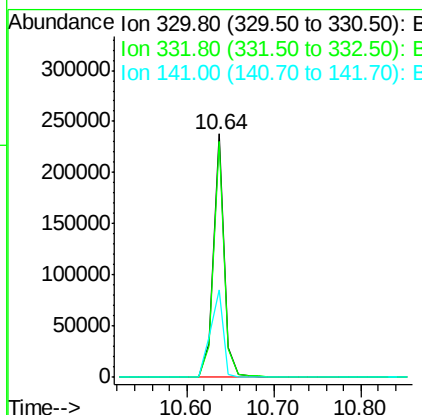
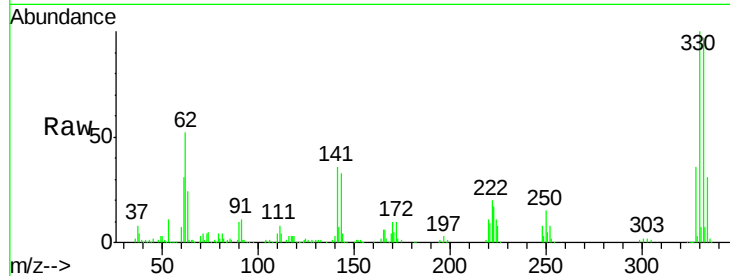
#41
 2,4,6-Tribromophenol
 Concen: 116.31 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093240.D
 Acq: 28 Feb 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	211418		
332	96.7	77.4	116.2	
141	42.5	34.1	51.1	

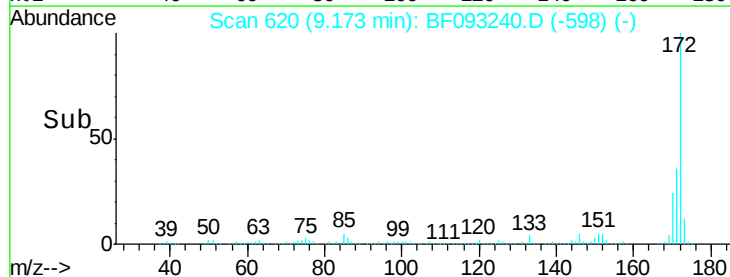
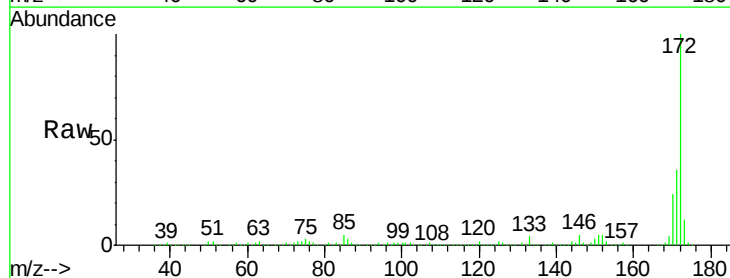
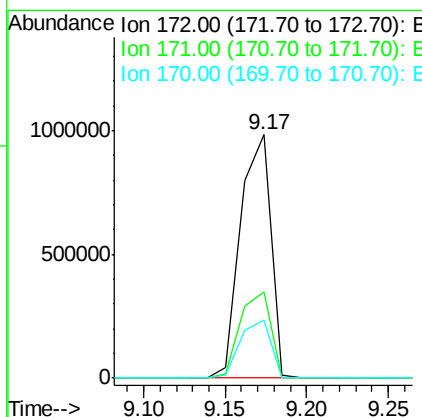
Manual Integrations
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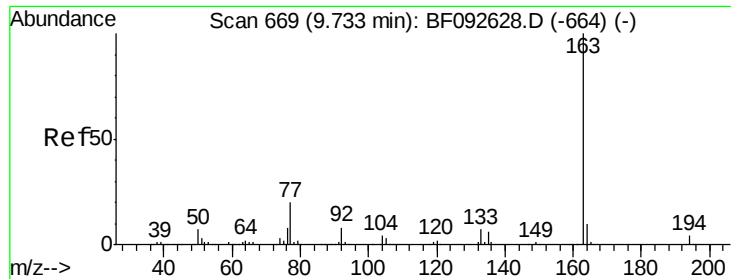
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#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093240.D
 Acq: 28 Feb 2017 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1264805		
171	35.6	29.4	44.0	
170	23.9	20.2	30.4	





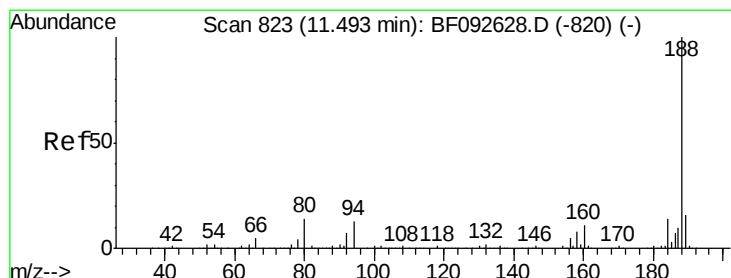
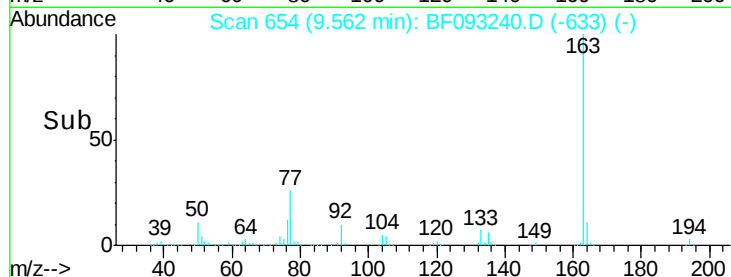
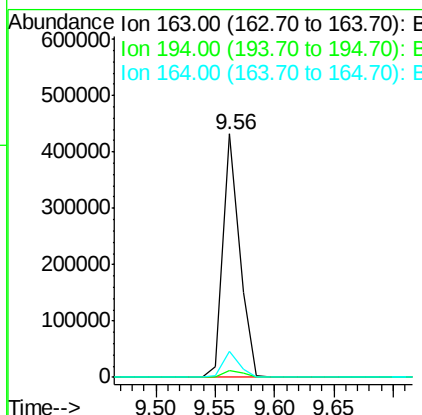
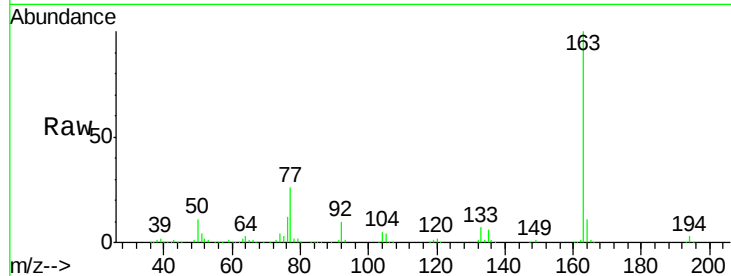
#49
Dimethylphthalate
Concen: 24.71 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093240.D
Acq: 28 Feb 2017 11:23

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	418316		
194	3.0	3.0	4.4	
164	10.5	8.0	12.0	

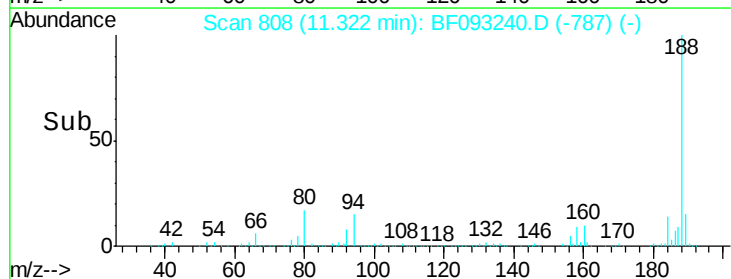
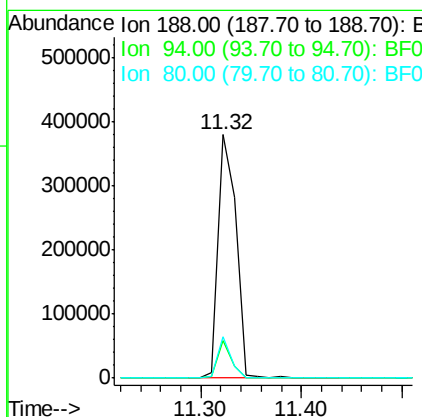
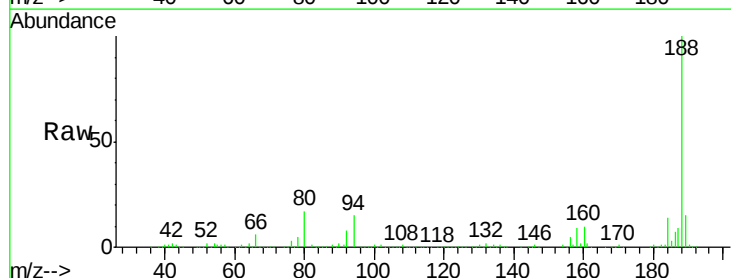
Manual Integrations
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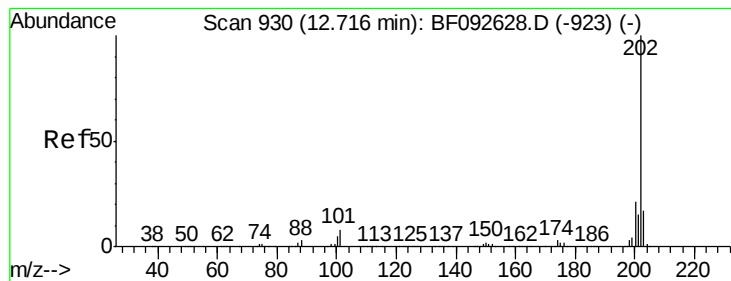
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093240.D
Acq: 28 Feb 2017 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	467640		
94	15.4	10.0	15.0#	
80	17.1	11.2	16.8#	





#74

Fluoranthene

Concen: 3.52 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Instrument :

BNA_F

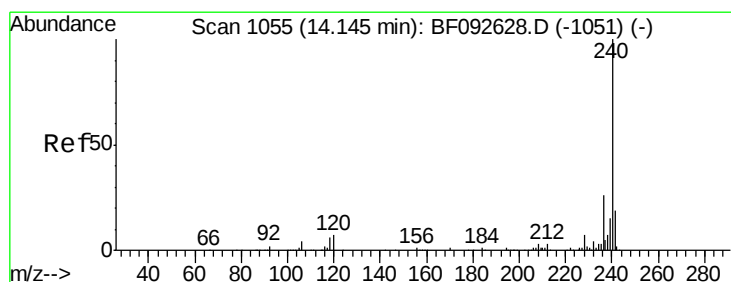
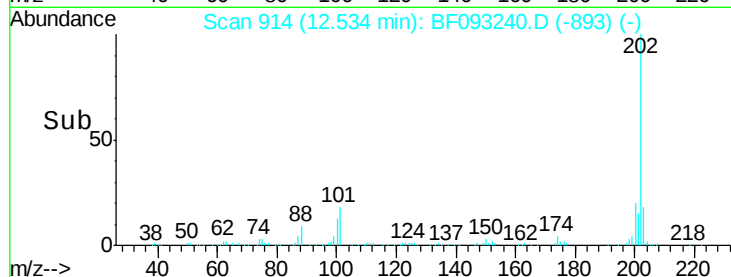
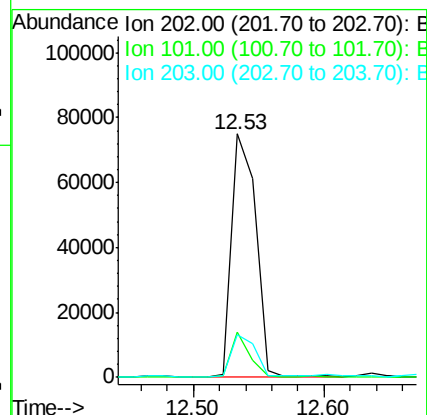
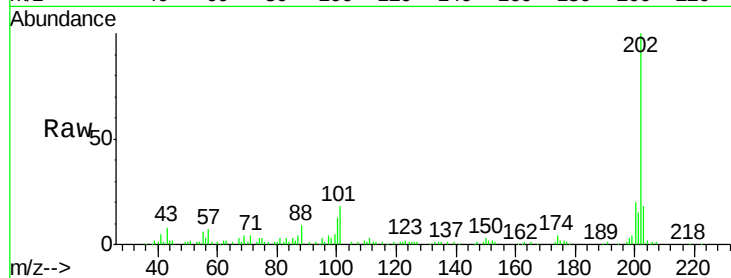
ClientSampleId :

ROLL-OFF-1615-COMP

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		97259		
101	18.4	0.0	34.6		
203	17.7	0.0	38.7		

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#75

Chrysene-d12

Concen: 20.00 ng

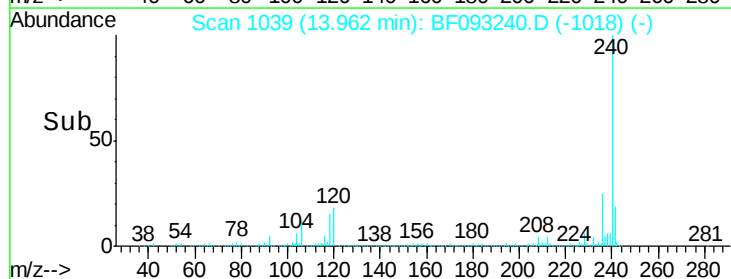
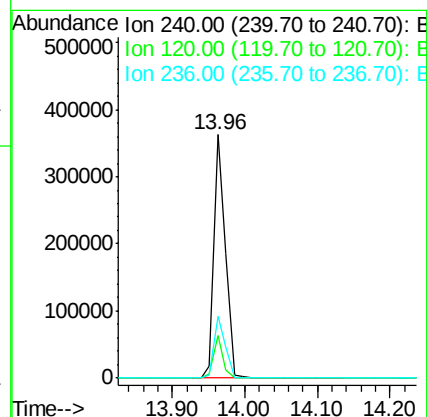
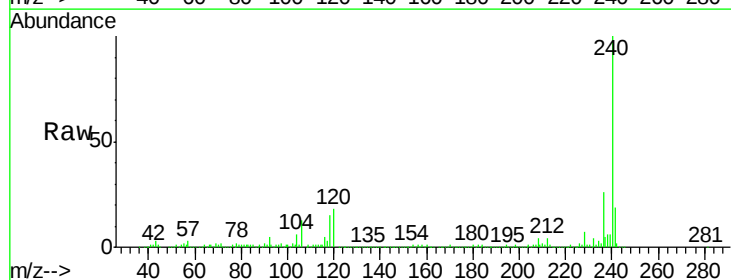
RT: 13.96 min Scan# 1039

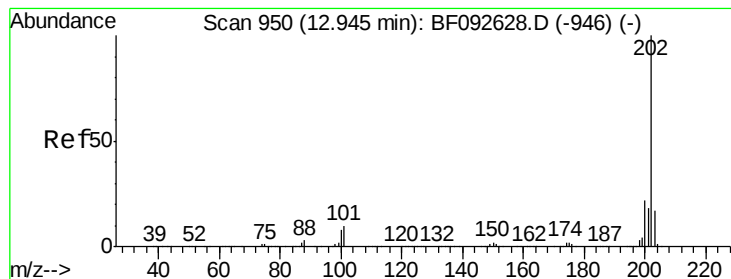
Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		395525		
120	17.7	12.9	19.3		
236	25.5	20.9	31.3		





#77

Pyrene

Concen: 2.99 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Instrument :

BNA_F

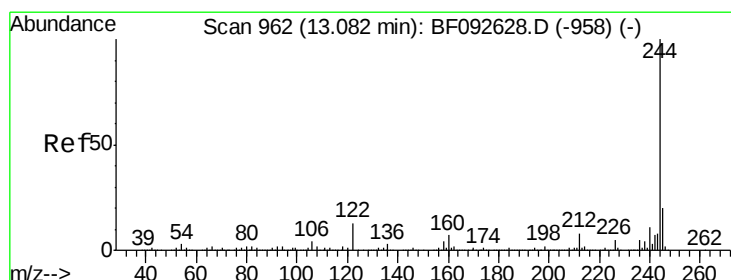
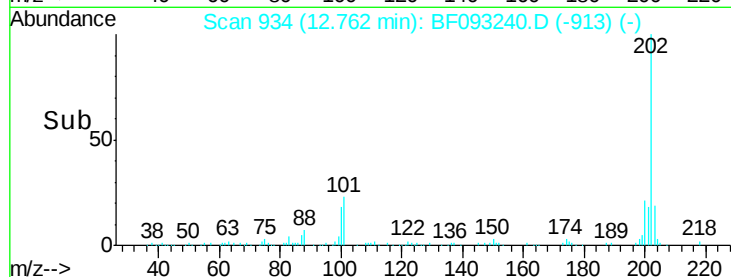
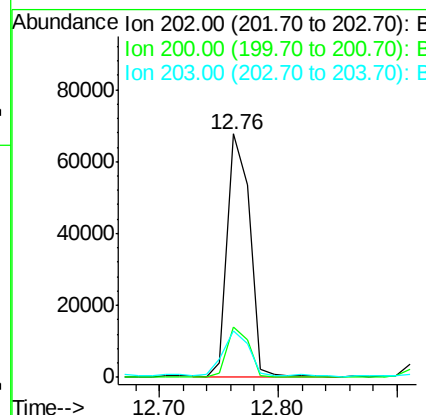
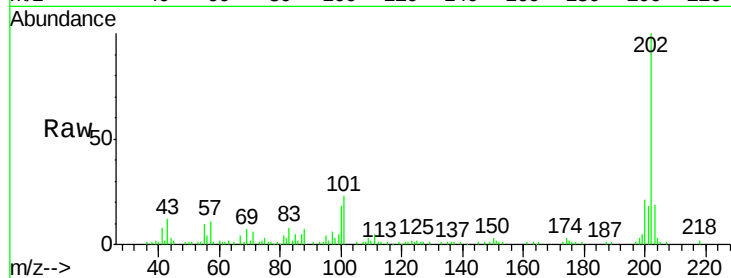
ClientSampleId :

ROLL-OFF-1615-COMP

Tgt Ion:	202	Resp:	88392
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	18.8	14.7	22.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 69.66 ng

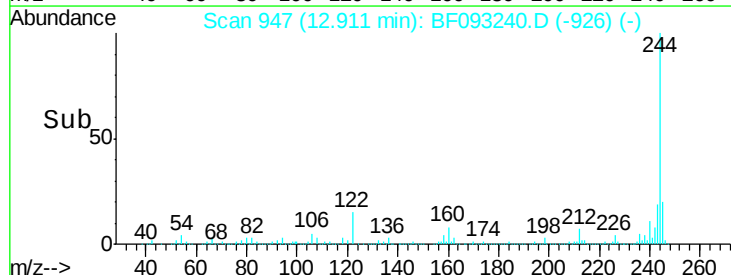
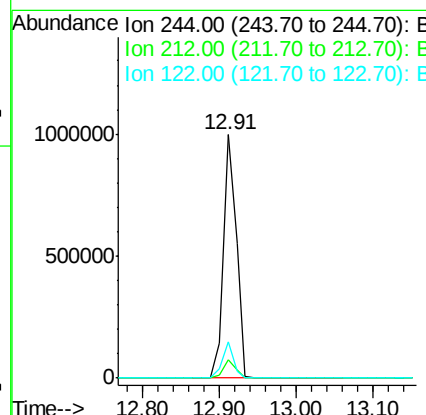
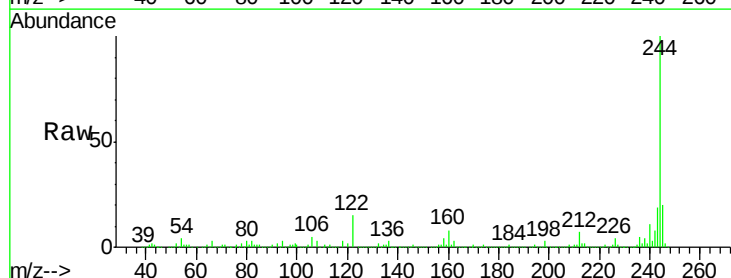
RT: 12.91 min Scan# 947

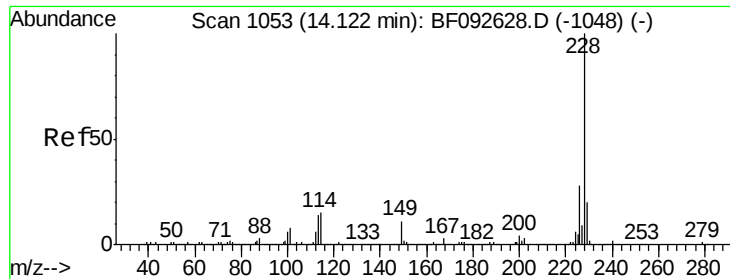
Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Tgt Ion:	244	Resp:	1172533
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	14.8	11.4	17.2





#80

Benzo(a)anthracene

Concen: 2.01 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

Instrument :

BNA_F

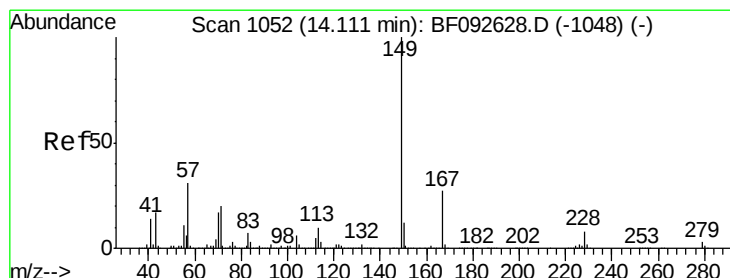
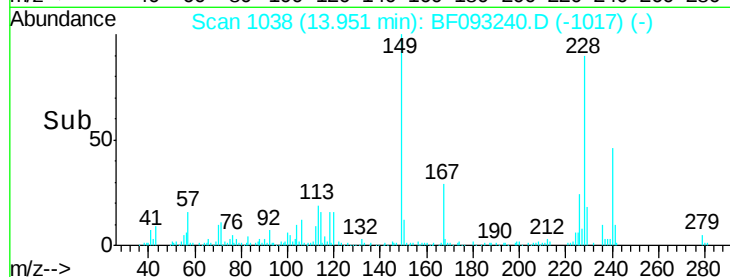
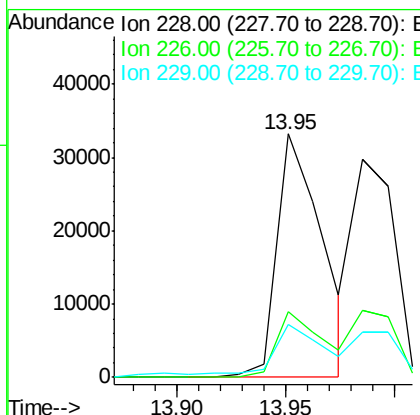
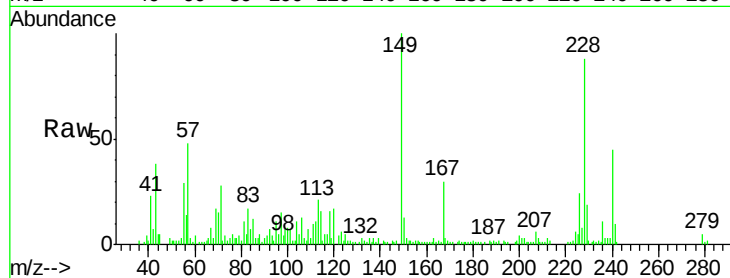
ClientSampleId :

ROLL-OFF-1615-COMP

Tgt Ion:	228	Resp:	48547
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.4	33.6
229	21.8	16.2	24.4

Manual Integrations
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3/1/2017 4:05:46 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.24 ng

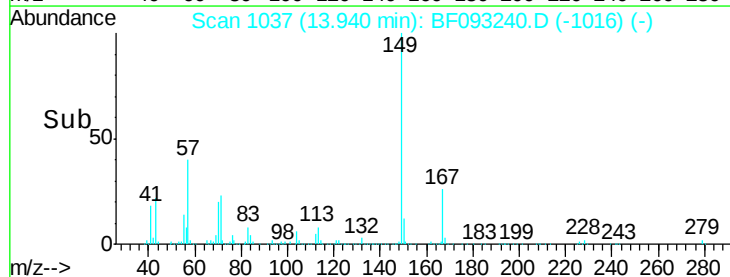
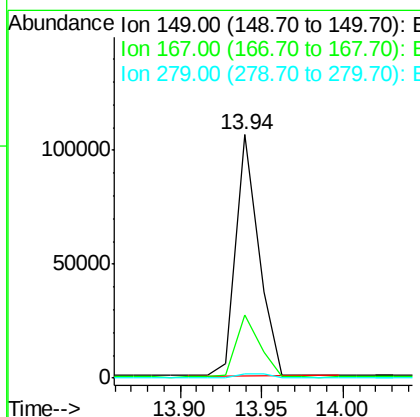
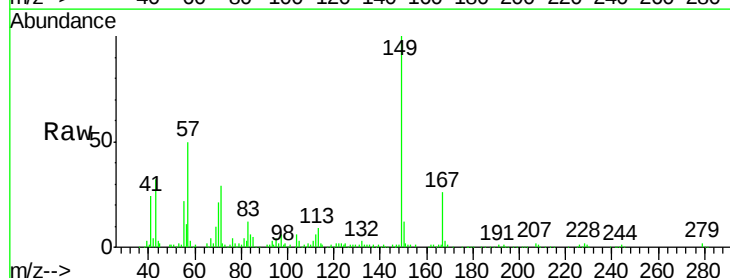
RT: 13.94 min Scan# 1037

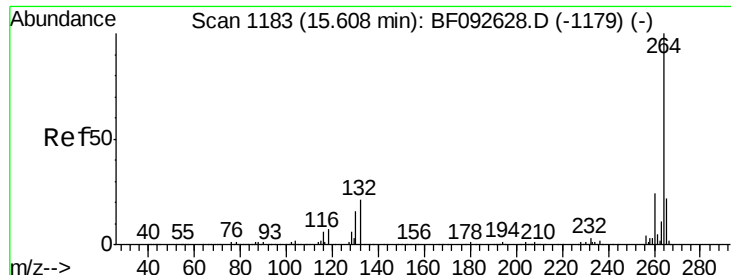
Delta R.T. -0.06 min

Lab File: BF093240.D

Acq: 28 Feb 2017 11:23

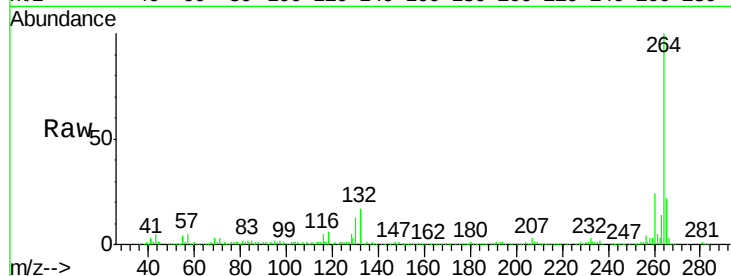
Tgt Ion:	149	Resp:	102512
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.2	30.4
279	1.8	1.8	2.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093240.D
Acq: 28 Feb 2017 11:23

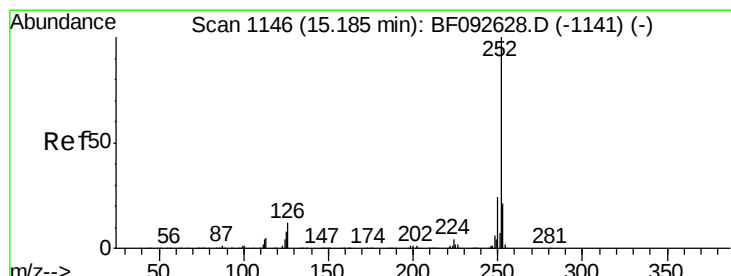
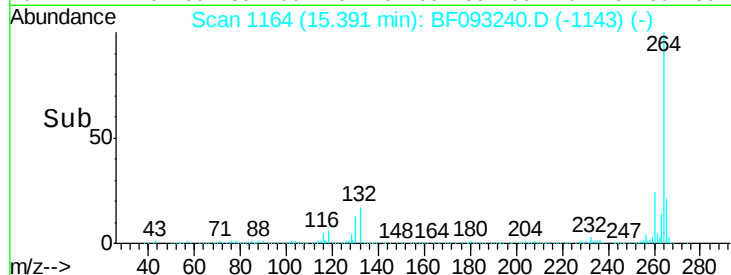
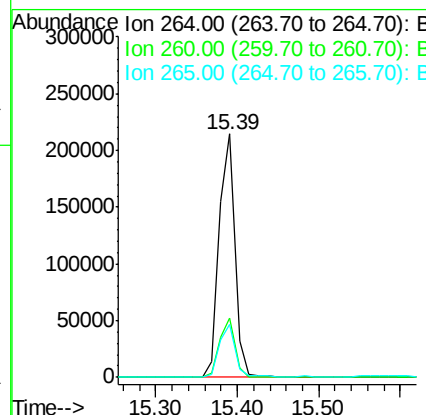
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0

Manual Integrations
APPROVED

mohammad
3/1/2017 4:05:46 PM



#87
Benzo(b)fluoranthene
Concen: 2.83 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF093240.D
Acq: 28 Feb 2017 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	20.6	9.8	14.6

