

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094387.D
 Acq On : 12 Apr 2017 12:40
 Operator : SJ/MA
 Sample : I2622-08DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BASE-DDL

Manual Integrations
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mohammad
 4/12/2017 5:12:38 PM

Quant Time: Apr 12 14:05:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	129724	20.00	ng	-0.03
21) Naphthalene-d8	7.35	136	412777	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	173672	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	296992	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	273542	20.00	ng	-0.02
86) Perylene-d12	16.18	264	196055	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	140262	18.26	ng	-0.01
7) Phenol-d6	5.46	99	180158	18.96	ng	0.00
23) Nitrobenzene-d5	6.49	82	97469	13.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	24937	18.17	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	186792	16.40	ng	-0.03
78) Terphenyl-d14	13.28	244	144483	11.84	ng	-0.02
Target Compounds						Qvalue
10) Phenol	5.47	94	466898	43.18	ng	92
17) 2-Methylphenol	6.17	107	1633696	225.96	ng	97
20) 3+4-Methylphenols	6.37	107	2851278	325.62	ng	# 63
27) 2,4-Dimethylphenol	7.00	122	3319244	566.25	ng	97
31) Naphthalene	7.37	128	564771	28.46	ng	99
37) 2-Methylnaphthalene	8.22	142	1172150	88.59	ng	99
45) 1,1'-Biphenyl	8.78	154	89506	6.39	ng	98
49) Dimethylphthalate	9.16	163	31089	2.52	ng	# 87
51) Acenaphthene	9.52	154	37413	3.52	ng	89
54) Dibenzofuran	9.73	168	78624	5.43	ng	# 72
57) Fluorene	10.15	166	74352	6.19	ng	# 88
70) Phenanthrene	11.33	178	232969	14.10	ng	97
71) Anthracene	11.39	178	65681m	3.86	ng	
74) Fluoranthene	12.79	202	34854	2.06	ng	92
77) Pyrene	13.07	202	50995m	2.57	ng	

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

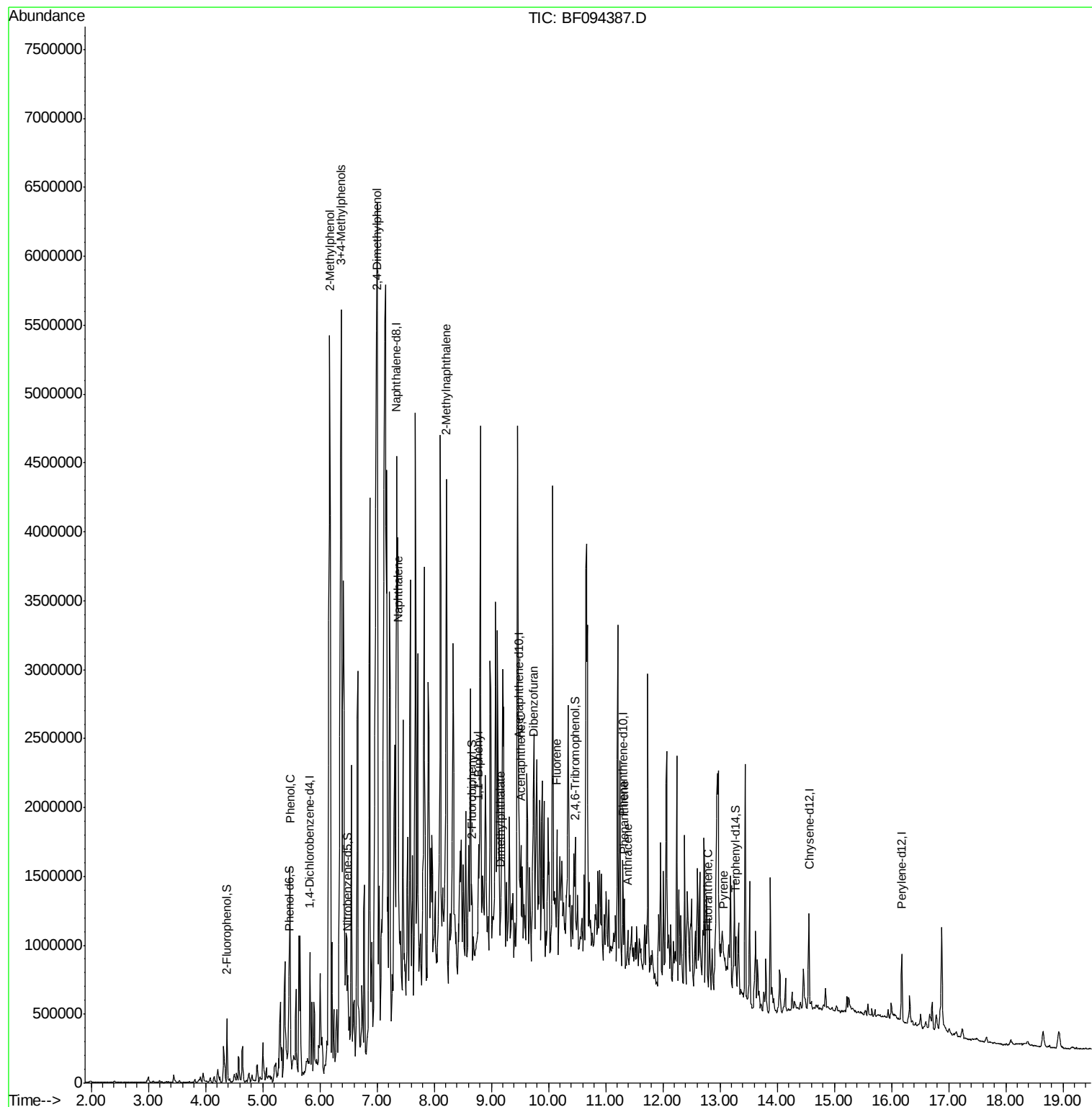
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094387.D
Acq On : 12 Apr 2017 12:40
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ALS Vial : 34 Sample Multiplier: 1

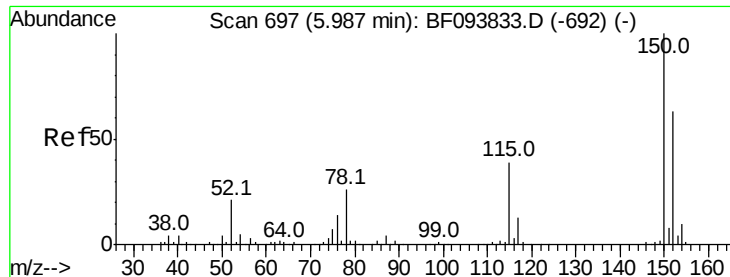
Instrument :
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ClientSampleId :
E2-AA8-BASE-DDL

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Quant Time: Apr 12 14:05:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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#1

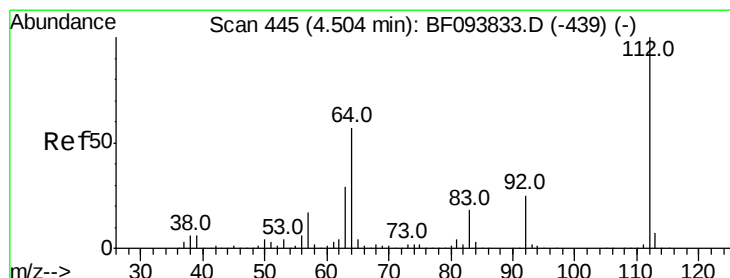
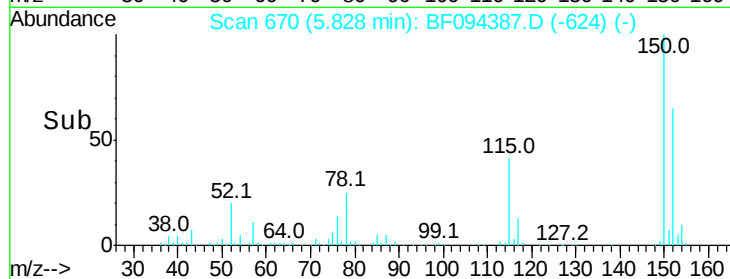
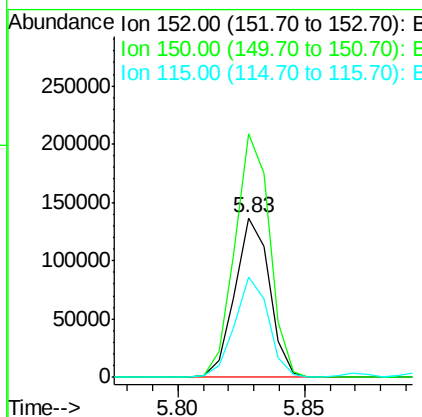
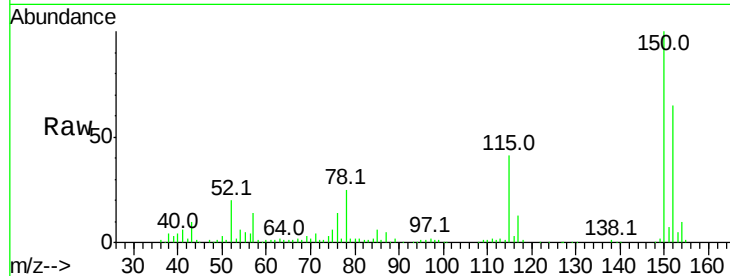
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASE-DDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	63.2	52.2	78.2

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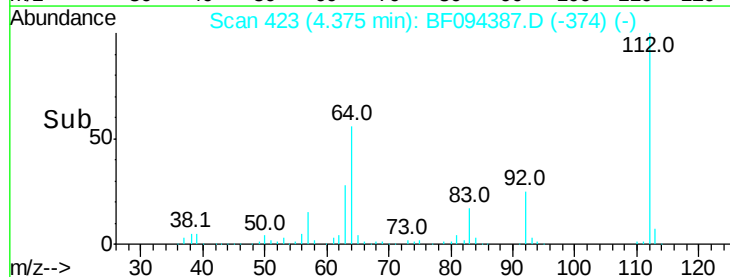
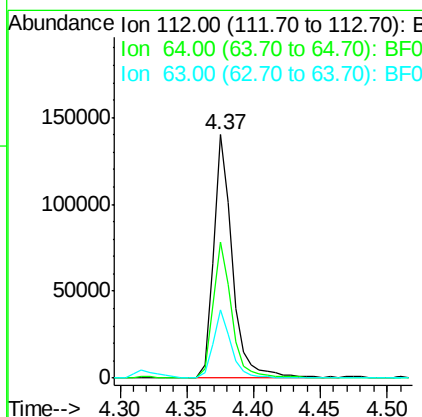
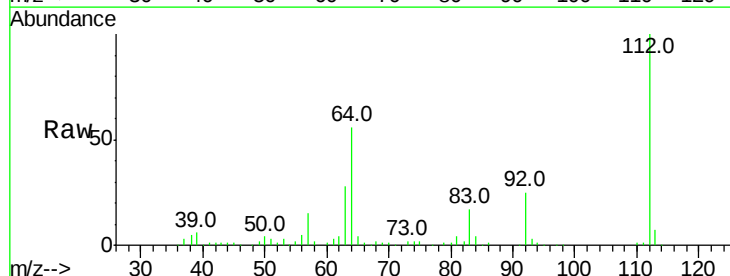
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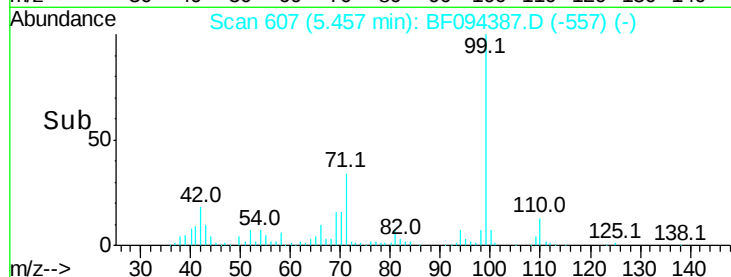
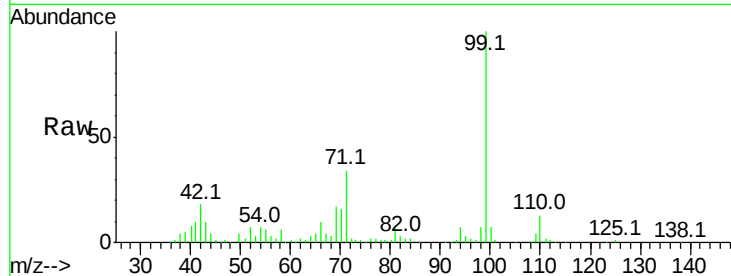
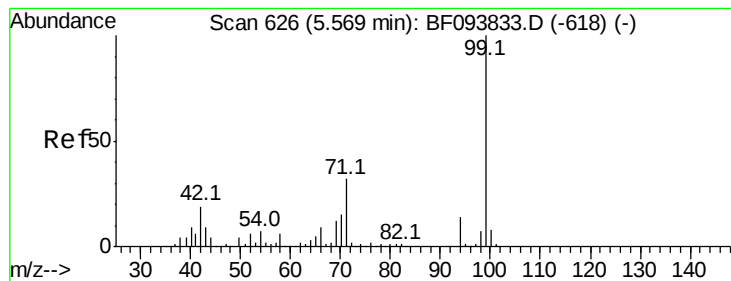


#5

2-Fluorophenol
Concen: 18.26 ng
RT: 4.37 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	28.3	23.4	35.0





#7

Phenol-d6

Concen: 18.96 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tot Ion:	99	Resp:	180158
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.5	20.3
71	34.1	24.5	36.7

Instrument :

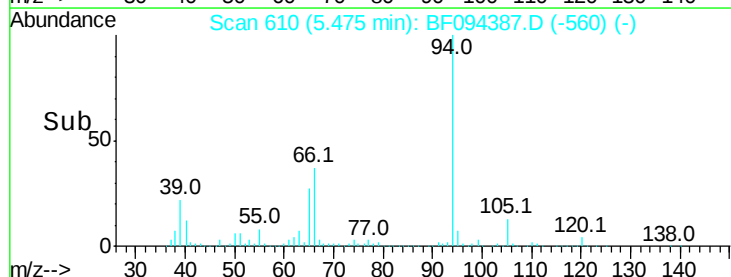
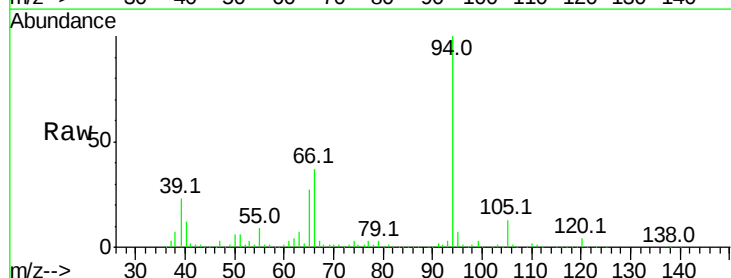
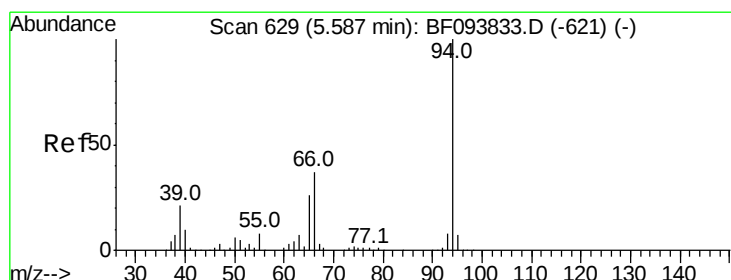
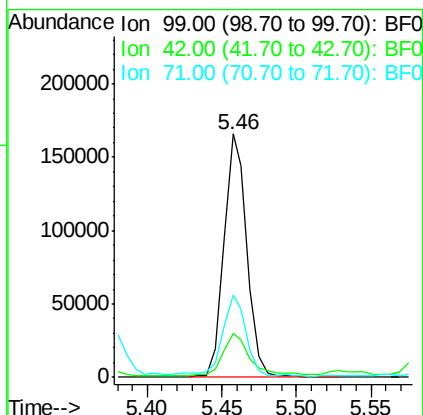
BNA_F

ClientSampleId :

E2-AA8-BASE-DDL

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#10

Phenol

Concen: 43.18 ng

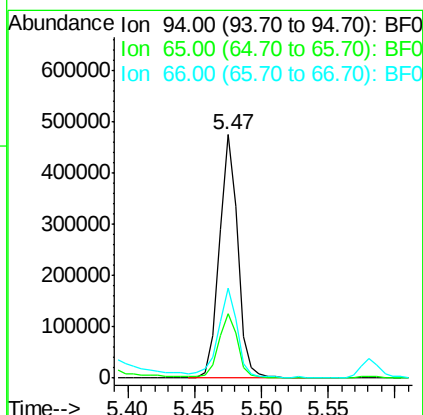
RT: 5.47 min Scan# 610

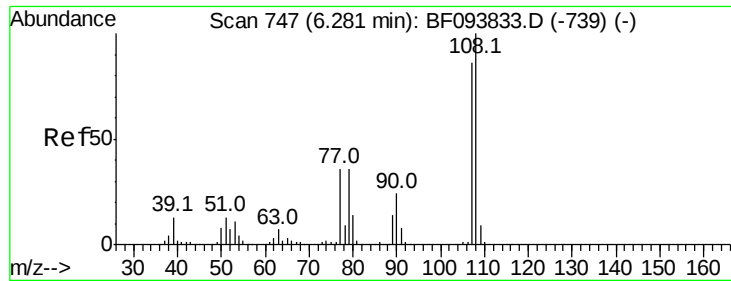
Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:	94	Resp:	466898
Ion Ratio	Lower	Upper	
94	100		
65	26.7	9.9	49.9
66	37.0	23.1	63.1





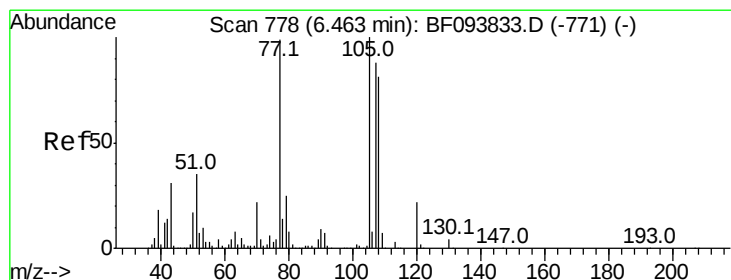
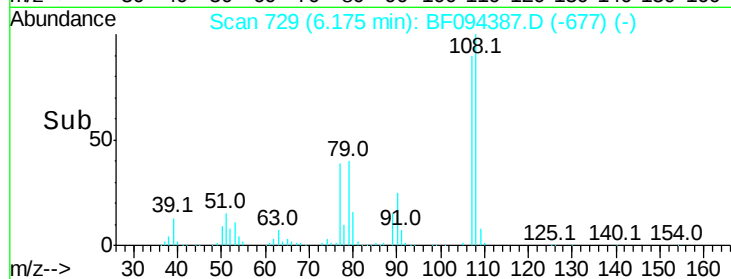
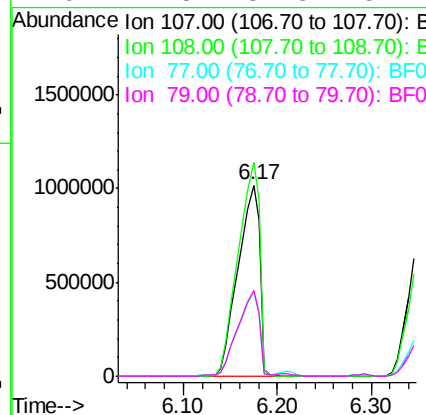
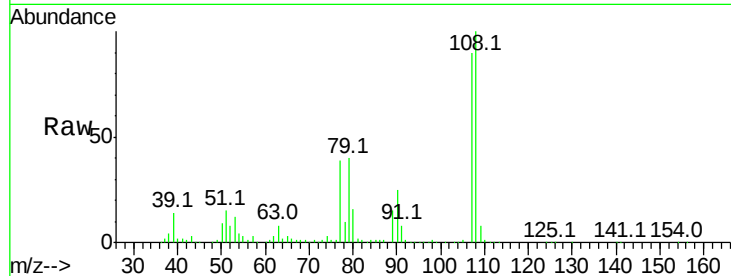
#17
2-Methylphenol
Concen: 225.96 ng
RT: 6.17 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASE-DDL

Tot Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	111.6	93.4	140.0
77	77	43.9	35.8	53.6
79	79	44.8	34.8	52.2

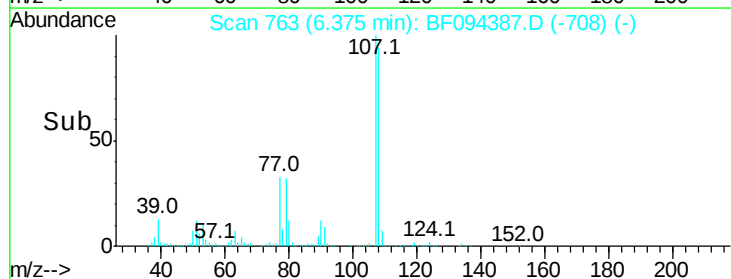
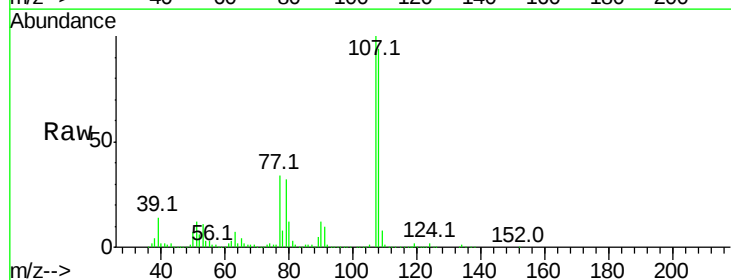
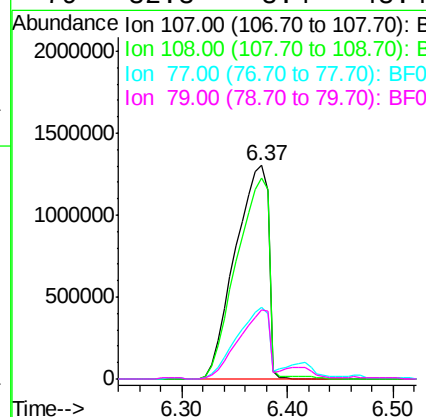
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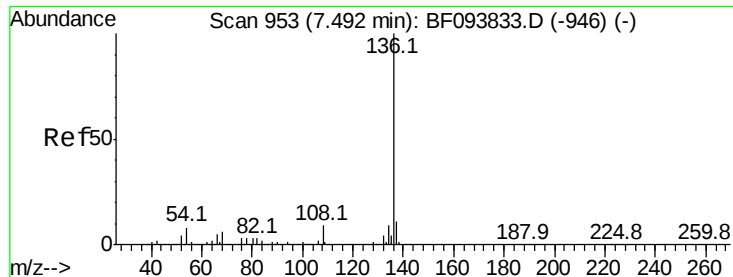
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#20
3+4-Methylphenols
Concen: 325.62 ng
RT: 6.37 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF094387.D
Acq: 12 Apr 2017 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	94.3	71.0	111.0
77	77	33.6	90.5	130.5#
79	79	32.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

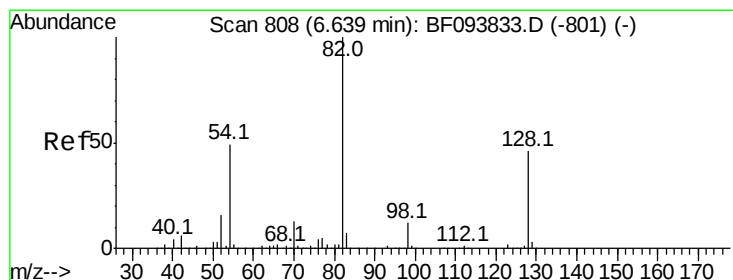
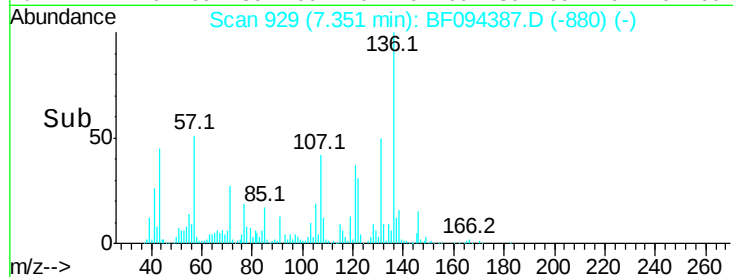
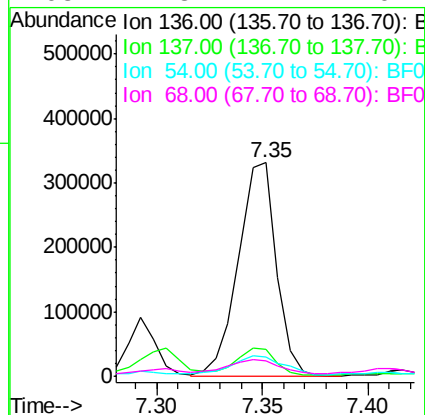
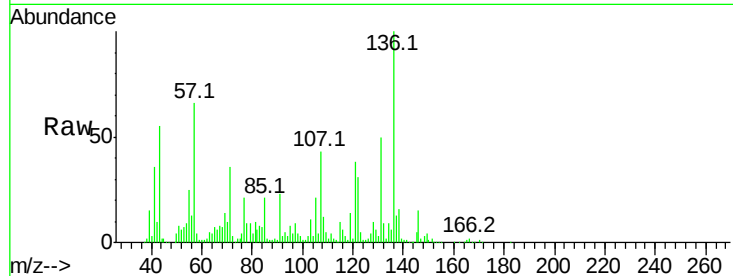
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	412777		
137	12.6	8.5	12.7	
54	8.9	4.9	7.3#	
68	7.3	4.1	6.1#	

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#23

Nitrobenzene-d5

Concen: 13.48 ng

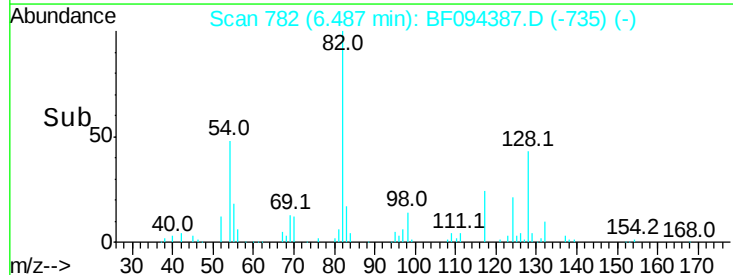
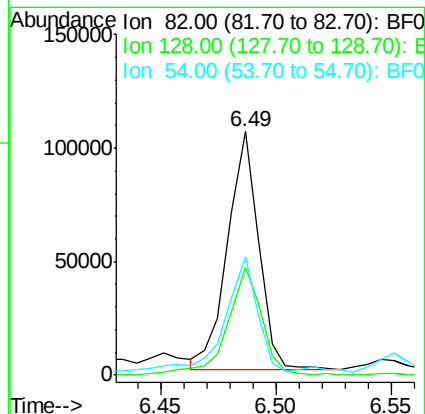
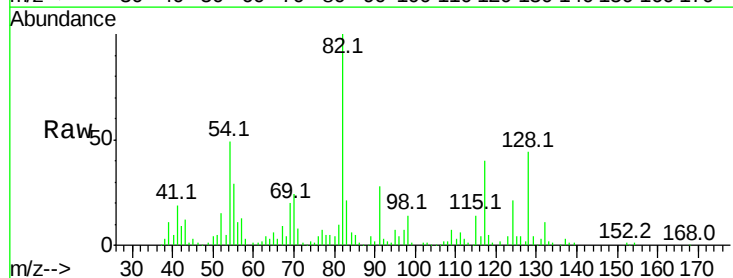
RT: 6.49 min Scan# 782

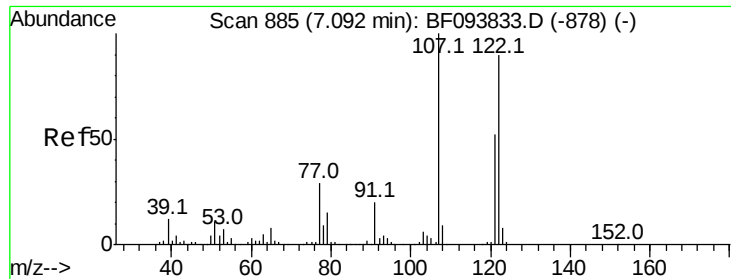
Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	97469		
128	44.1	34.0	51.0	
54	48.7	42.2	63.2	





#27

2,4-Dimethylphenol

Concen: 566.25 ng

RT: 7.00 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:122 Resp: 3319244

Ion Ratio Lower Upper

122 100

107 115.6 89.2 133.8

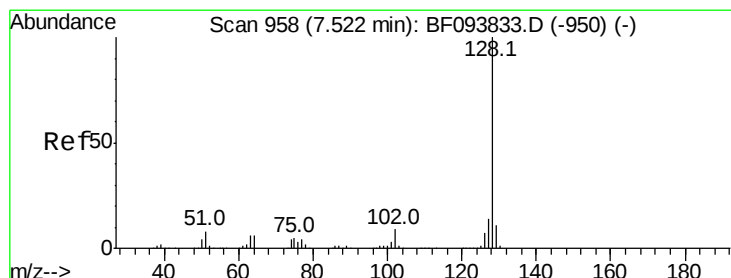
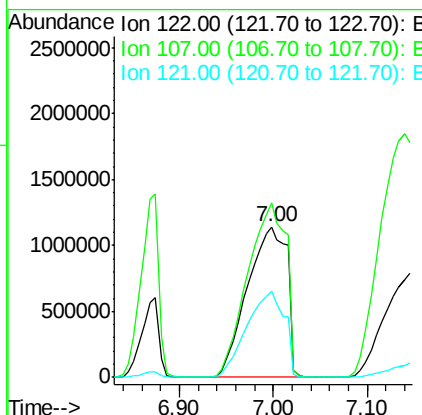
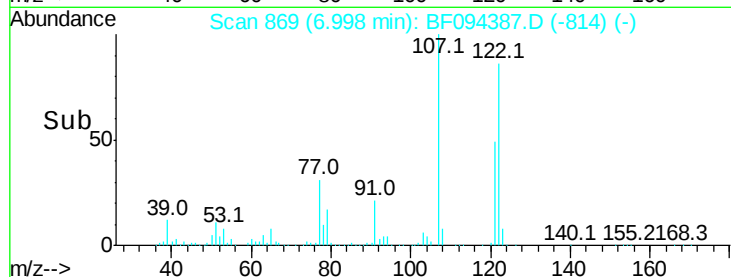
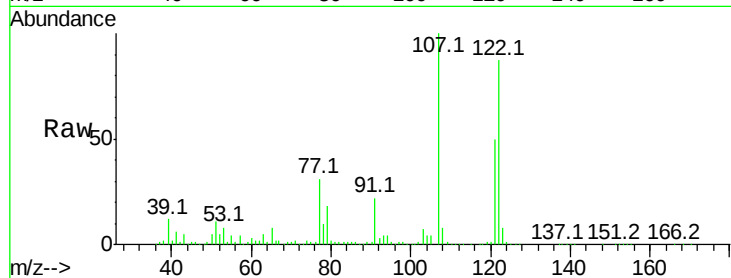
121 57.2 45.2 67.8

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#31

Naphthalene

Concen: 28.46 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

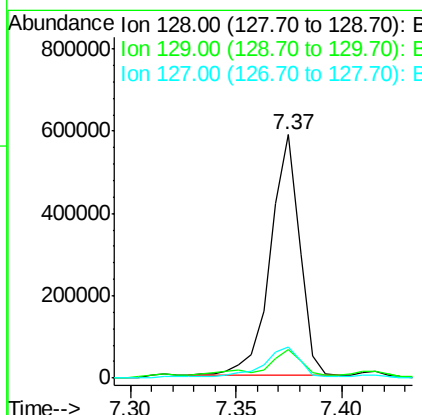
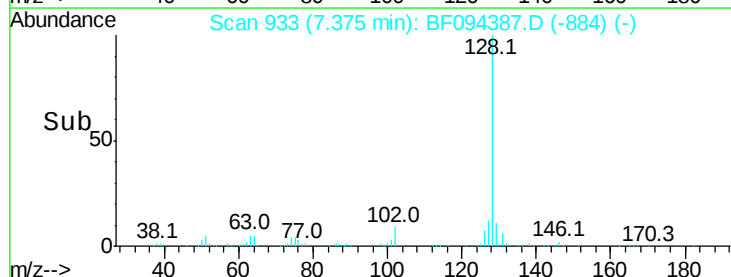
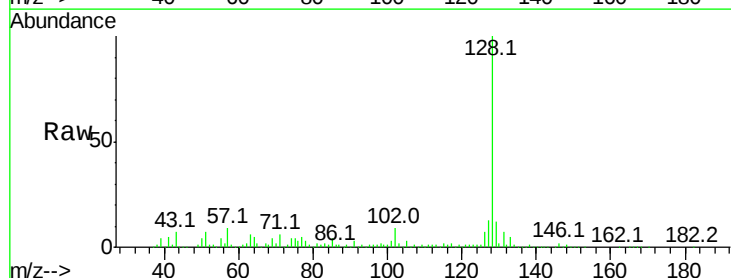
Tgt Ion:128 Resp: 564771

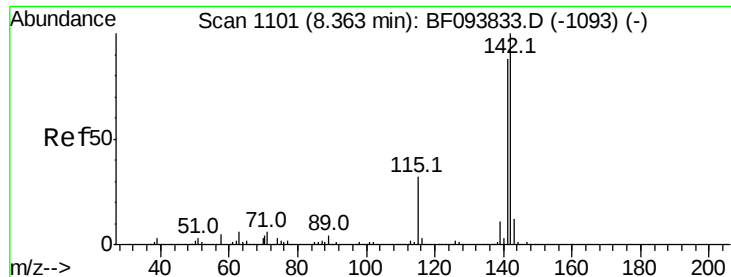
Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.0 10.8 16.2





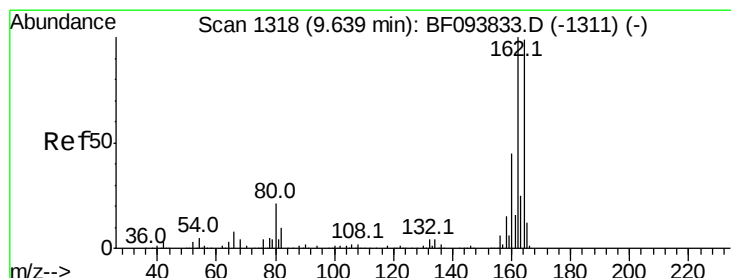
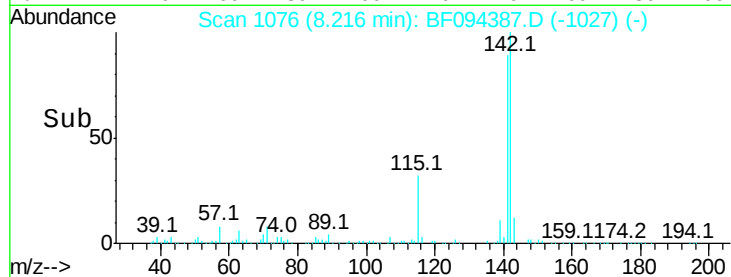
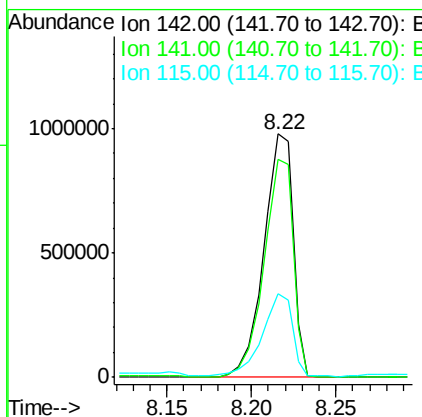
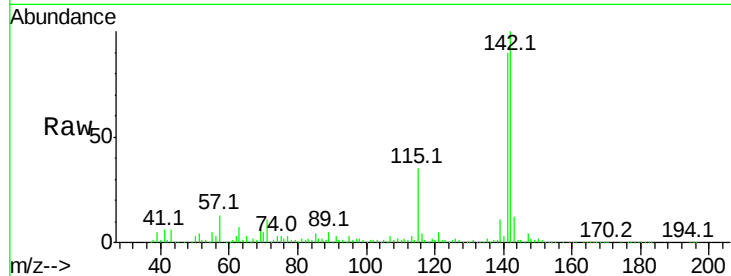
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 2-Methylnaphthalene
 Concen: 88.59 ng
 RT: 8.22 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BASE-DDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	34.5	27.1	40.7

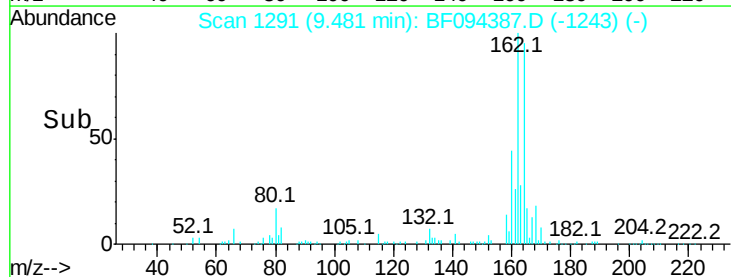
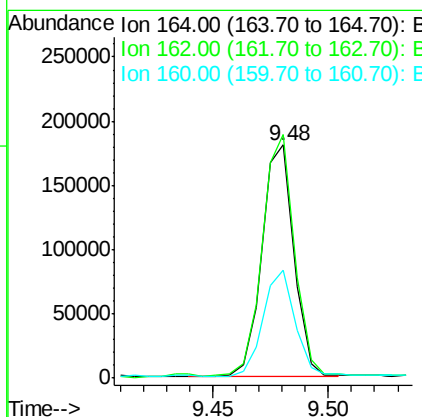
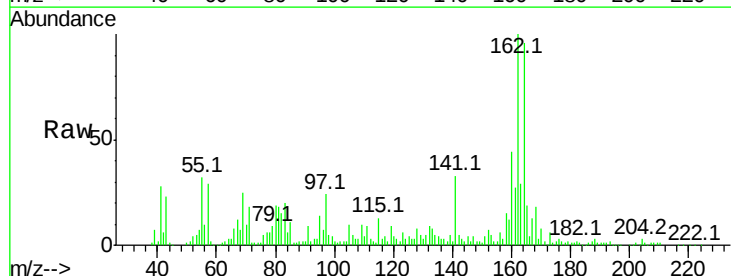
Manual Integrations
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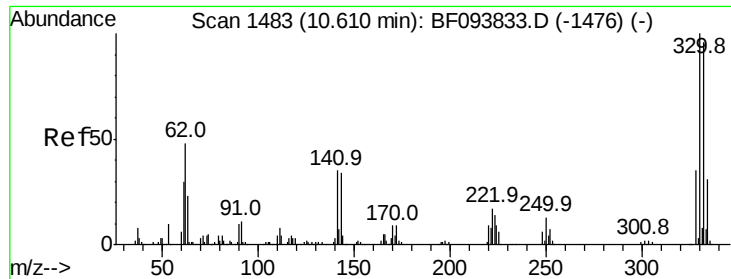
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	46.3	36.2	54.2





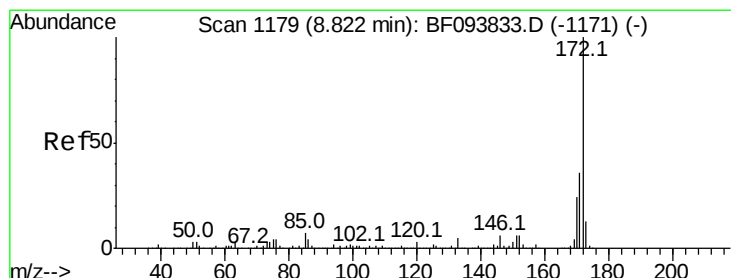
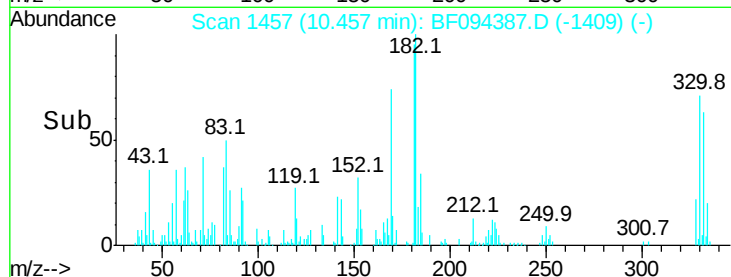
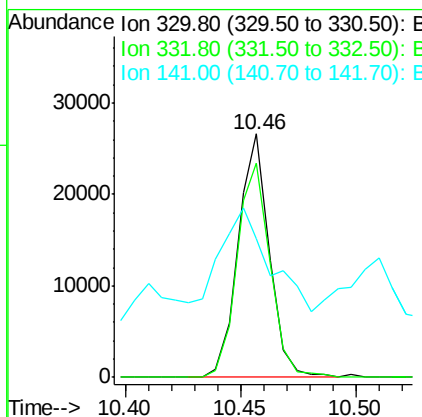
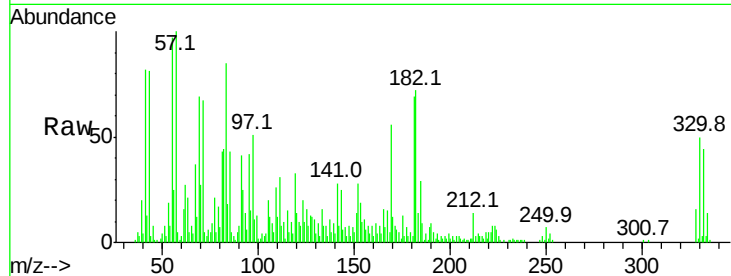
#41
 2,4,6-Tribromophenol
 Concen: 18.17 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BASE-DDL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	24937		
332	93.6	76.6	115.0	
141	65.0	31.4	47.2#	

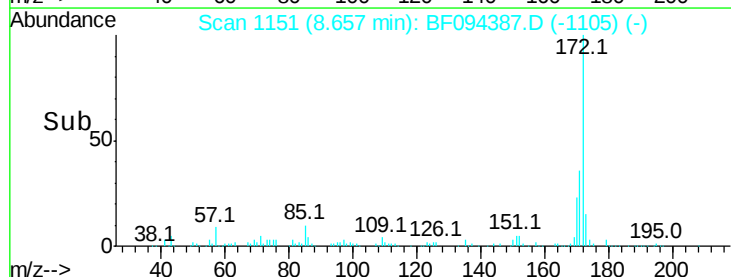
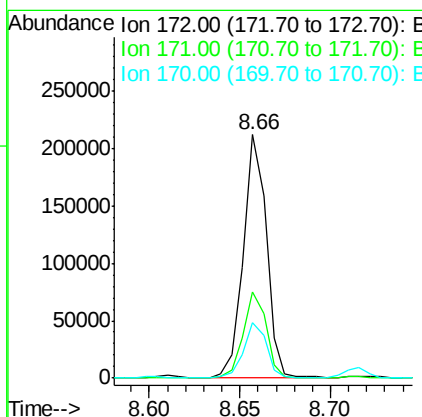
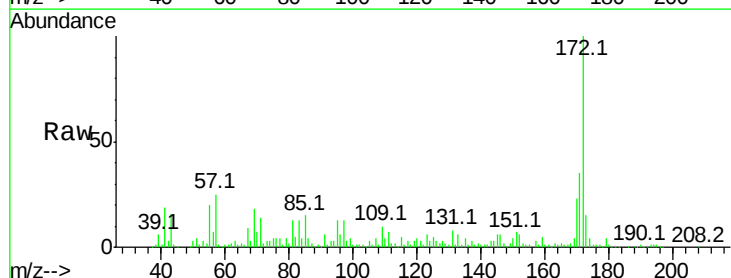
Manual Integrations
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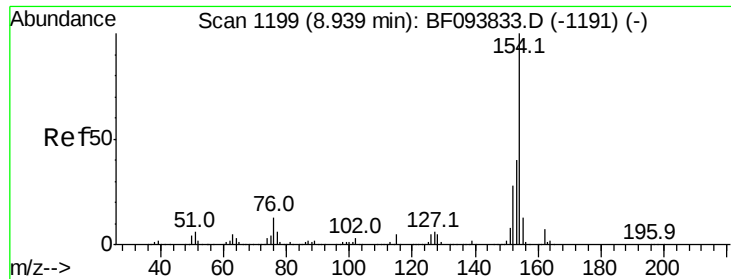
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 16.40 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	186792		
171	35.5	29.6	44.4	
170	23.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 6.39 ng

RT: 8.78 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

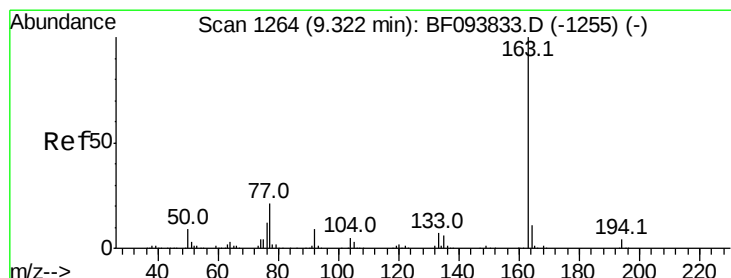
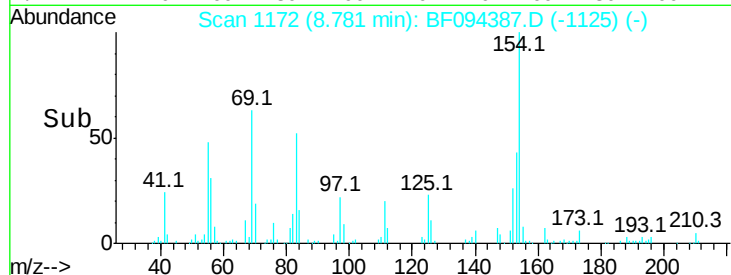
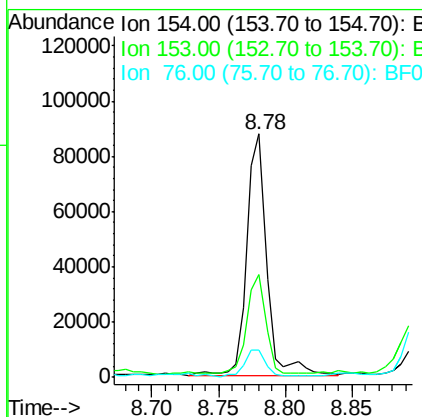
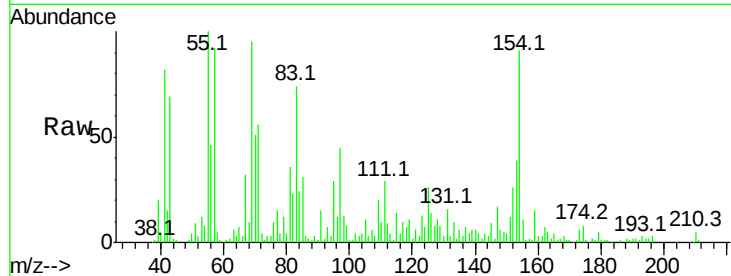
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:	154	Resp:	89506
Ion Ratio	Lower	Upper	
154	100		
153	42.4	21.2	61.2
76	11.0	0.0	29.9

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#49

Dimethylphthalate

Concen: 2.52 ng

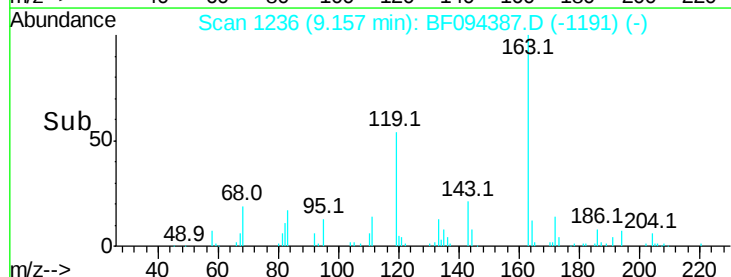
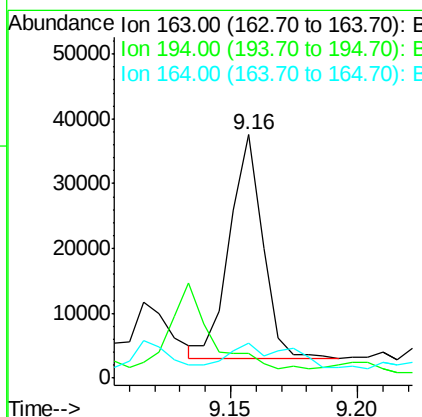
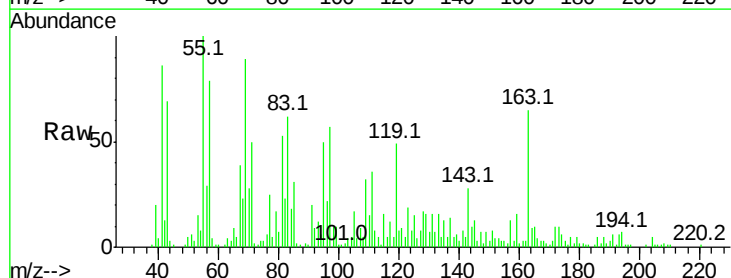
RT: 9.16 min Scan# 1236

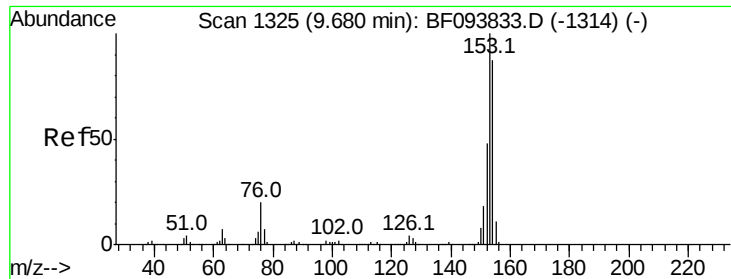
Delta R.T. -0.04 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:	163	Resp:	31089
Ion Ratio	Lower	Upper	
163	100		
194	10.0	2.6	4.0#
164	14.5	8.4	12.6#





#51

Acenaphthene

Concen: 3.52 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

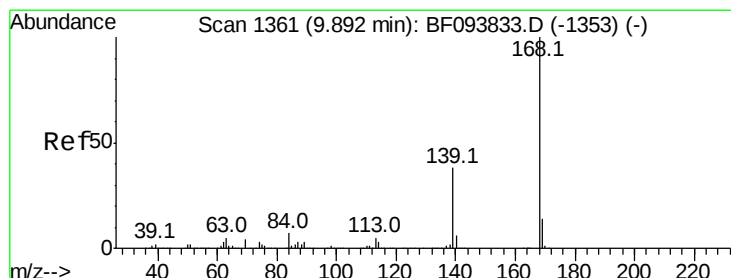
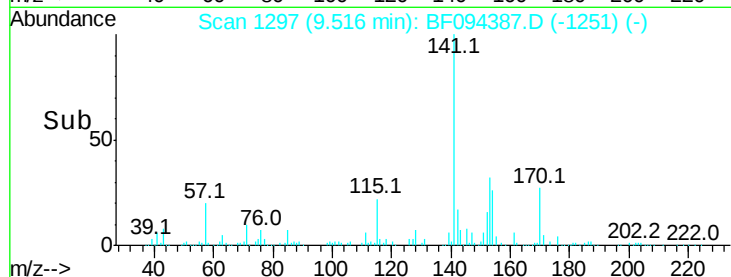
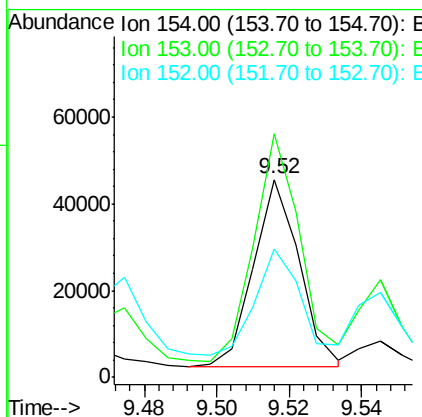
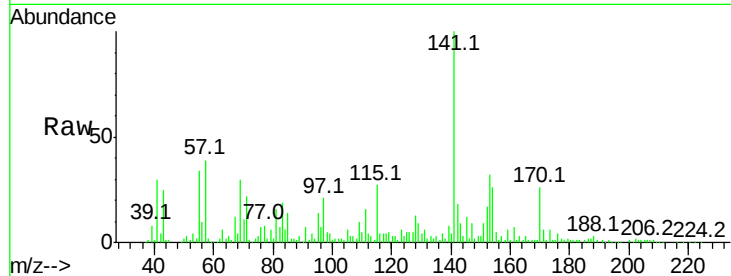
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:	154	Resp:	37413
Ion Ratio	Lower	Upper	
154	100		
153	123.0	90.5	135.7
152	64.8	43.6	65.4

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#54

Dibenzofuran

Concen: 5.43 ng

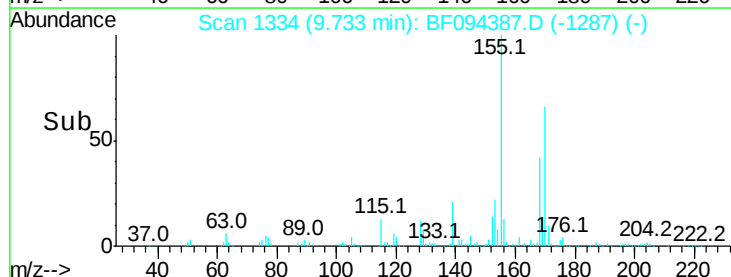
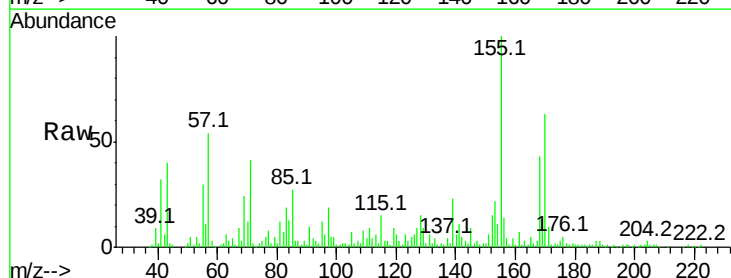
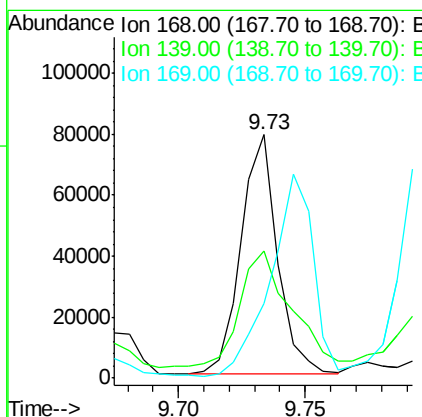
RT: 9.73 min Scan# 1334

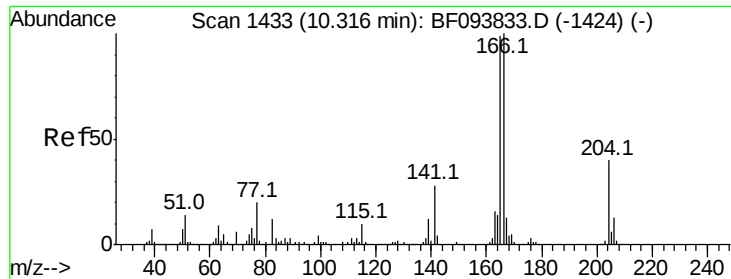
Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:	168	Resp:	78624
Ion Ratio	Lower	Upper	
168	100		
139	52.0	30.6	45.8#
169	30.6	10.8	16.2#





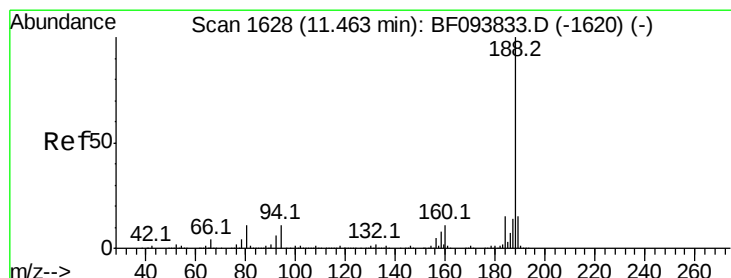
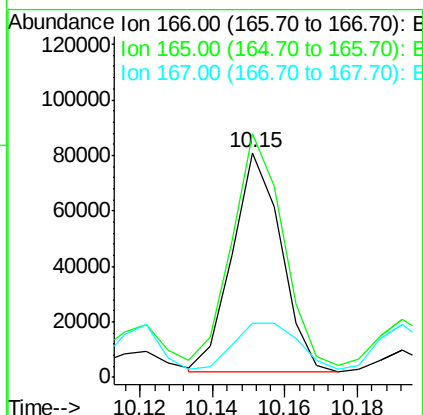
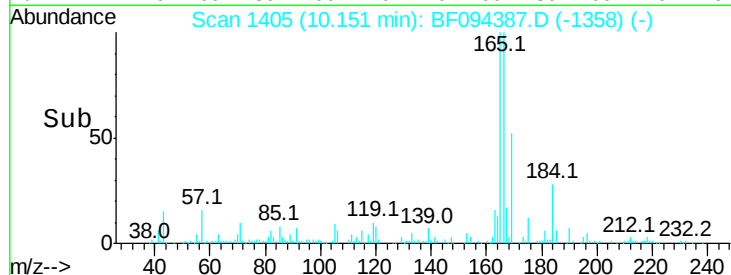
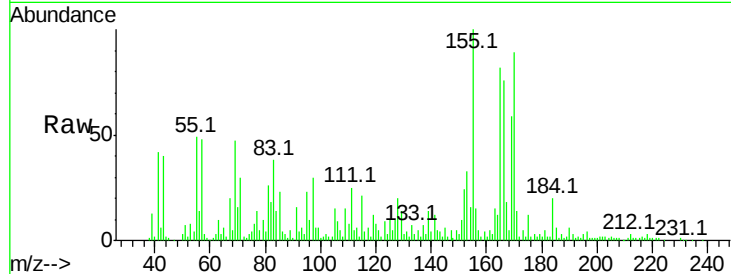
#57
Fluorene
 Concen: 6.19 ng
 RT: 10.15 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BASE-DDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.2	78.8	118.2
167	23.9	10.6	16.0

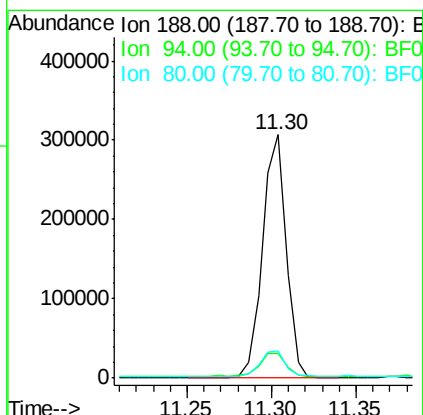
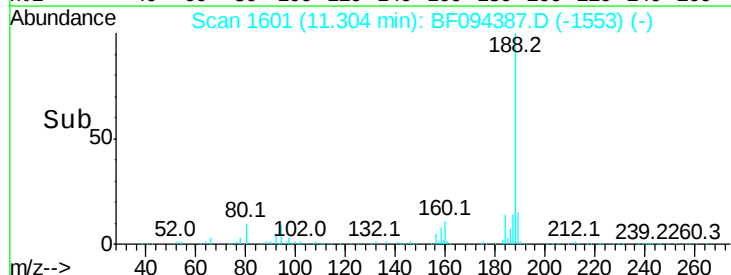
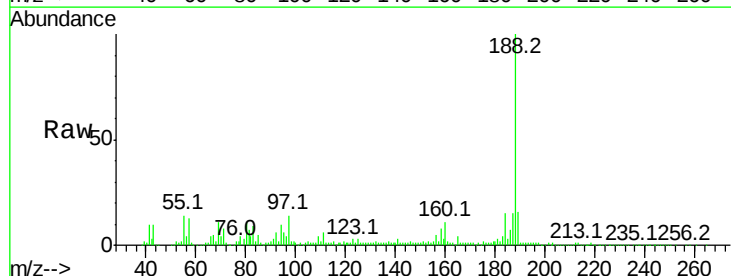
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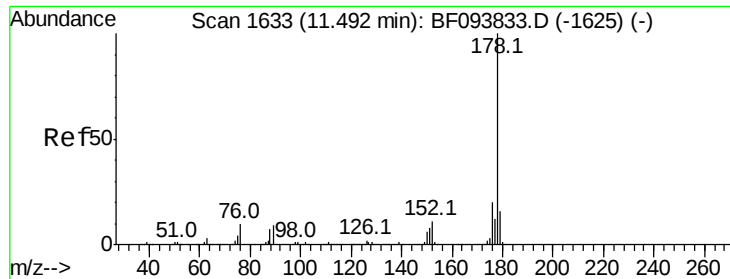
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.1	10.2	15.2





#70

Phenanthrene

Concen: 14.10 ng

RT: 11.33 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

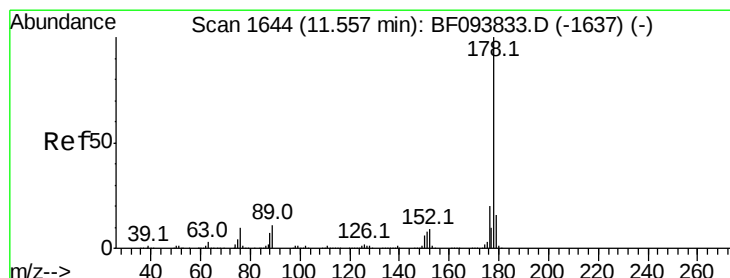
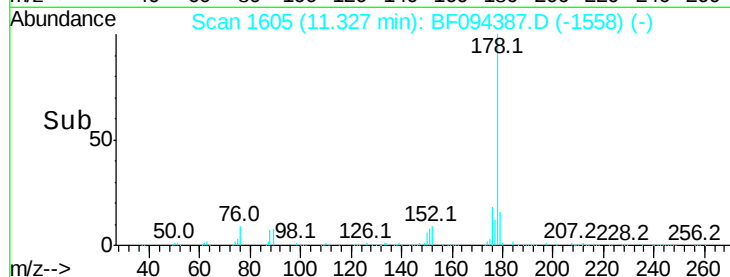
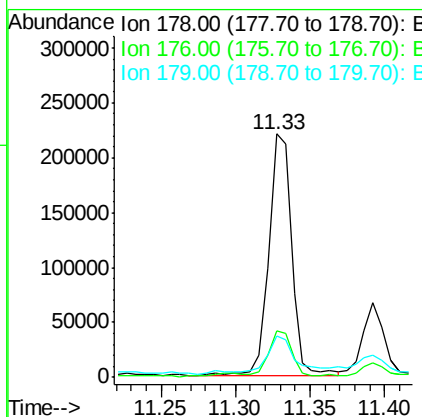
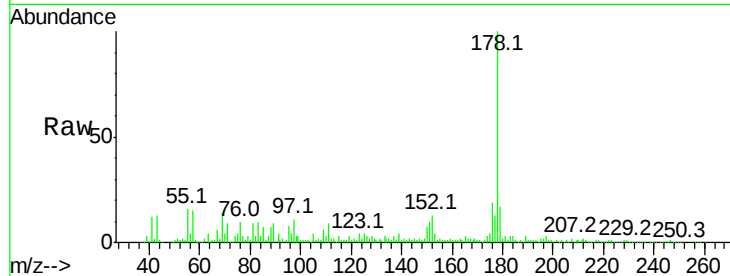
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:178	Resp:	232969
Ion Ratio	Lower	Upper
178	100	
176	18.9	16.2 24.4
179	17.2	12.6 19.0

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#71

Anthracene

Concen: 3.86 ng m

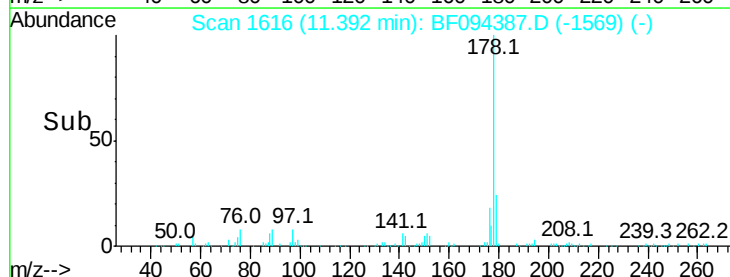
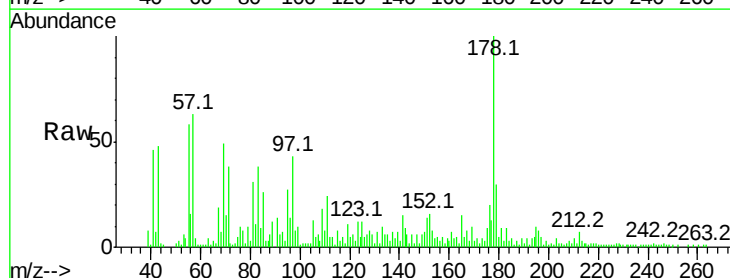
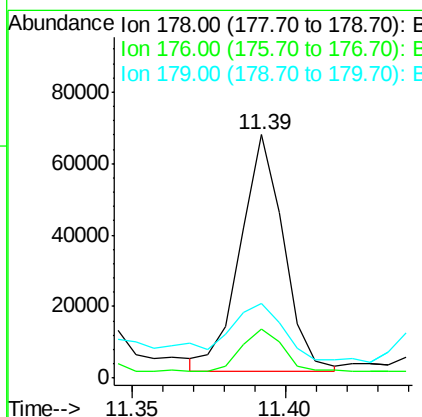
RT: 11.39 min Scan# 1616

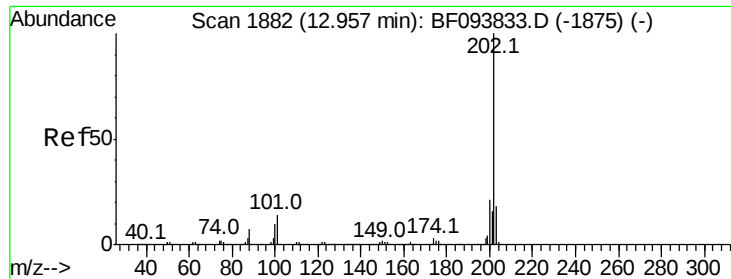
Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:178	Resp:	65681
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.8 23.8
179	30.5	12.7 19.1#





#74

Fluoranthene

Concen: 2.06 ng

RT: 12.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

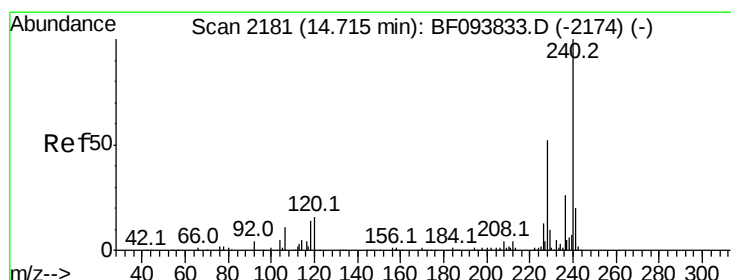
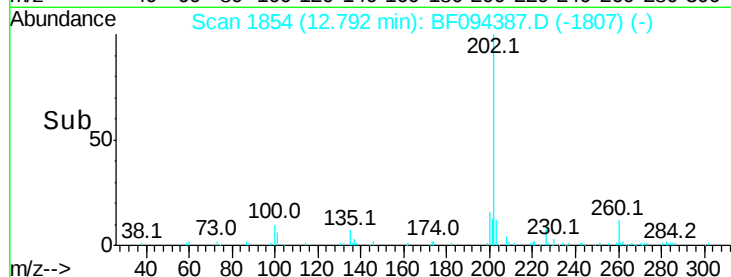
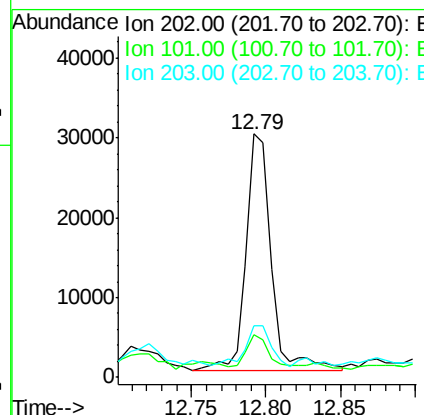
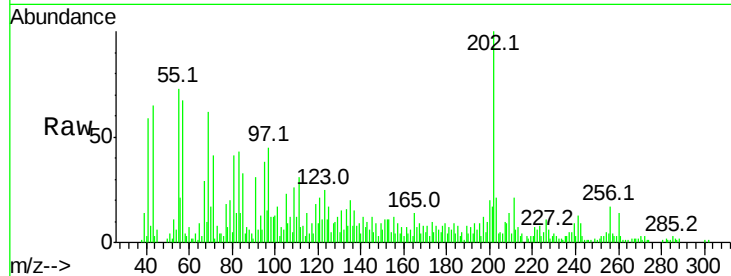
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:	202	Resp:	34854
Ion Ratio	Lower	Upper	
202	100		
101	17.3	0.0	33.2
203	21.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

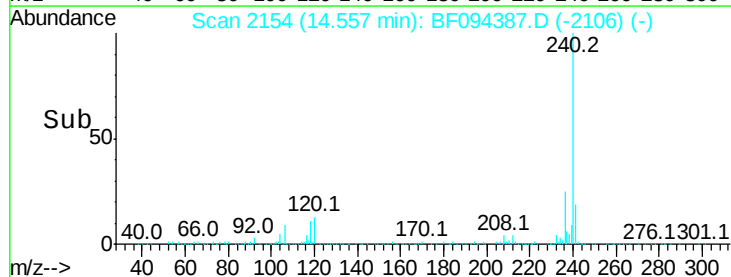
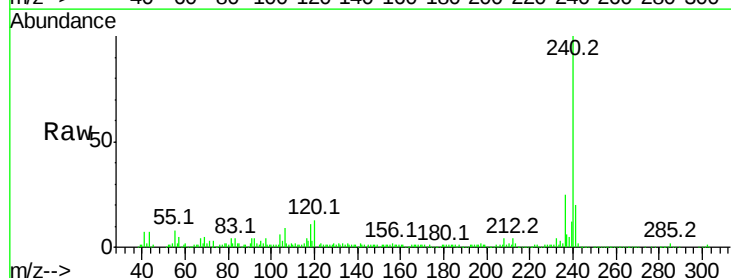
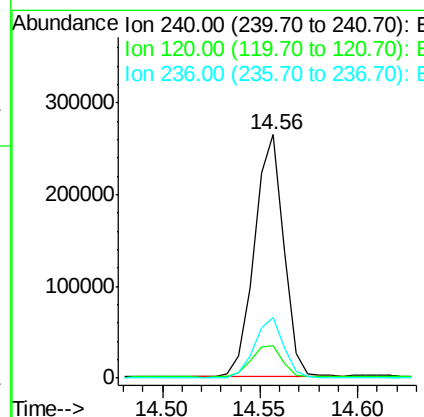
RT: 14.56 min Scan# 2154

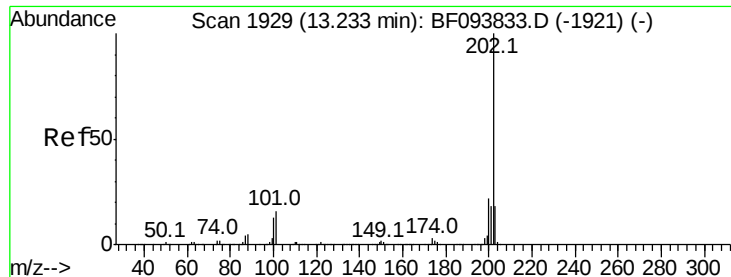
Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:	240	Resp:	273542
Ion Ratio	Lower	Upper	
240	100		
120	13.3	5.8	8.8#
236	24.7	20.5	30.7





#77

Pvrene

Concen: 2.57 ng/mL

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Instrument :

BNA_F

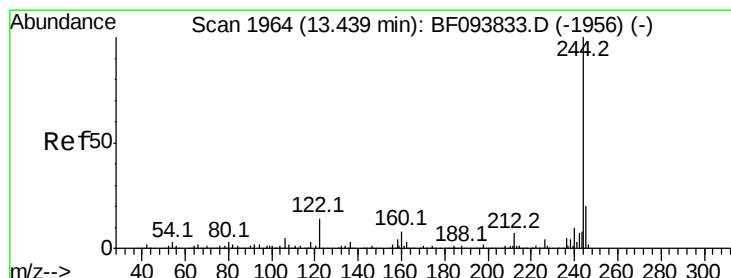
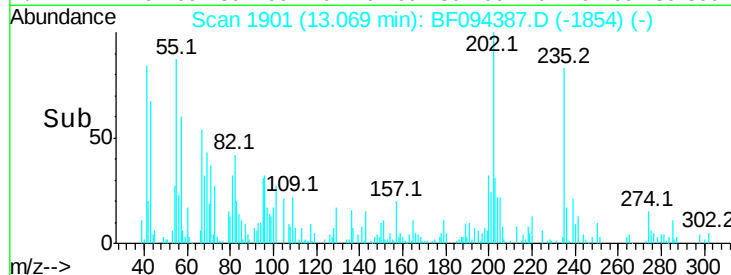
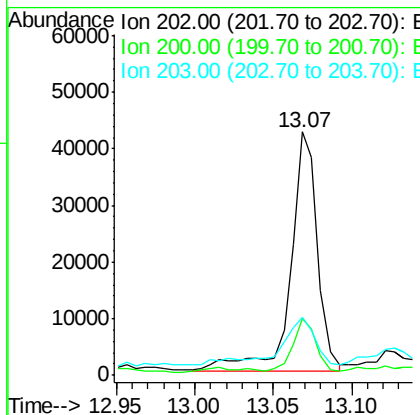
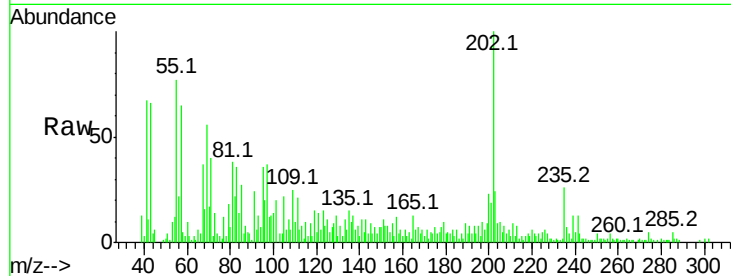
ClientSampleId :

E2-AA8-BASE-DDL

Tot Ion:	202	Resp:	50995
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.6	26.4
203	23.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 11.84 ng

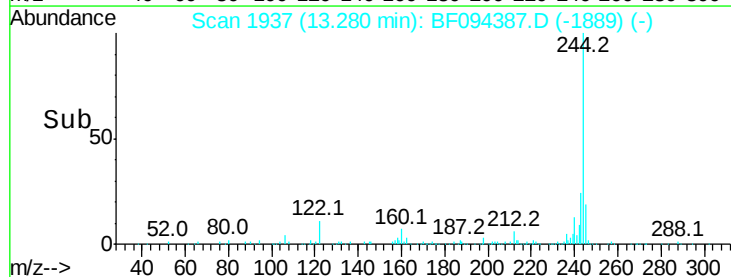
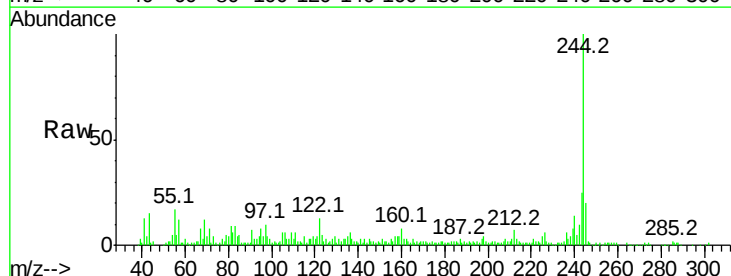
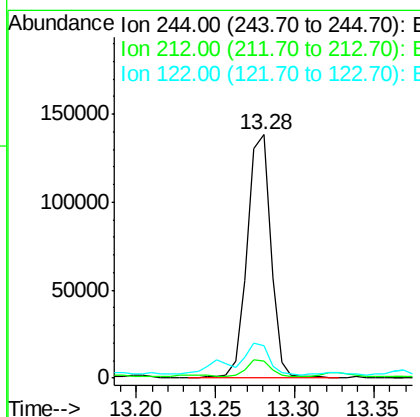
RT: 13.28 min Scan# 1937

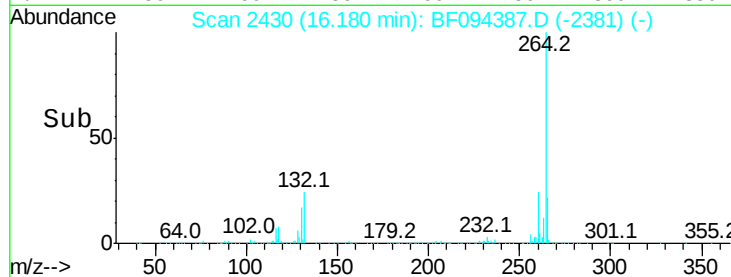
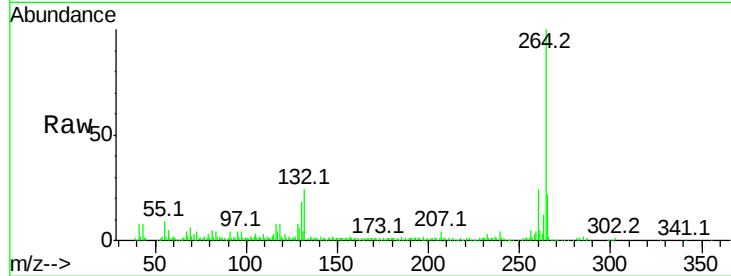
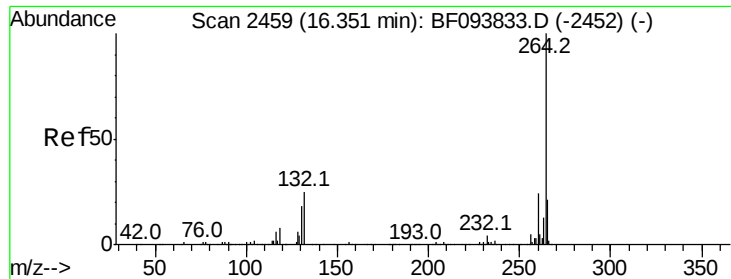
Delta R.T. -0.02 min

Lab File: BF094387.D

Acq: 12 Apr 2017 12:40

Tgt Ion:	244	Resp:	144483
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	13.1	10.3	15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094387.D
 Acq: 12 Apr 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BASE-DDL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.1	17.2	25.8

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