

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094624.D
 Acq On : 26 Apr 2017 1:06
 Operator : SJ/MA
 Sample : I2821-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Manual Integrations
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Quant Time: Apr 26 13:07:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	113090	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	419454	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	163561	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	245145	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	233092	20.00	ng	0.00
86) Perylene-d12	16.09	264	162196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	463685	68.02	ng	0.00
7) Phenol-d6	5.39	99	395121m	49.17	ng	0.00
23) Nitrobenzene-d5	6.41	82	595056	87.60	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	179110	140.00	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1132324	101.86	ng	0.00
78) Terphenyl-d14	13.19	244	736501	84.46	ng	0.00
Target Compounds						
31) Naphthalene	7.27	128	66813m	3.31	ng	98
37) 2-Methylnaphthalene	8.13	142	298878	21.66	ng	
49) Dimethylphthalate	9.08	163	110197m	9.04	ng	97
51) Acenaphthene	9.42	154	37529	3.78	ng	
57) Fluorene	10.06	166	48128	4.29	ng	# 93
70) Phenanthrene	11.24	178	81680	5.92	ng	98

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

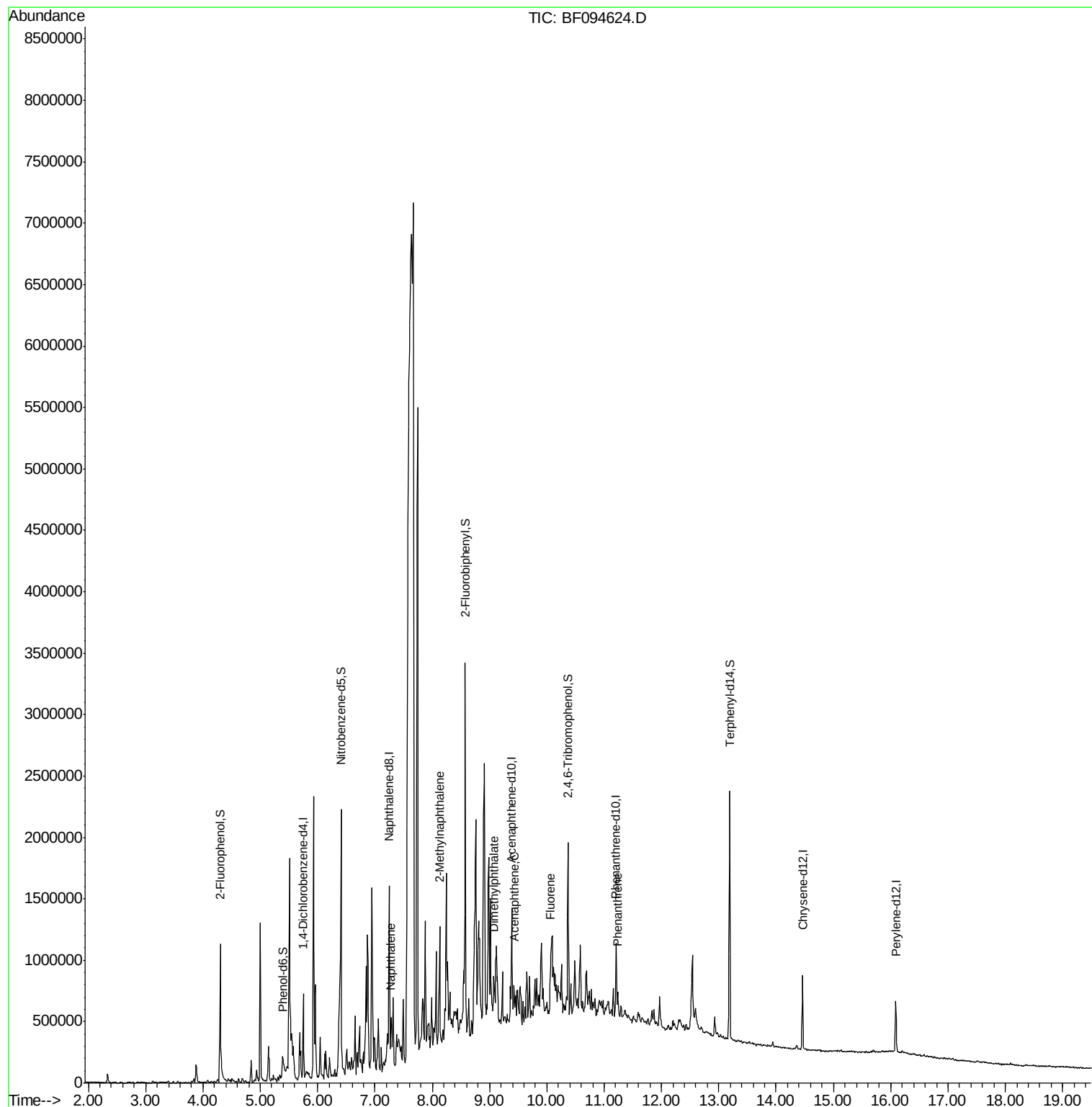
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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ALS Vial : 27 Sample Multiplier: 1

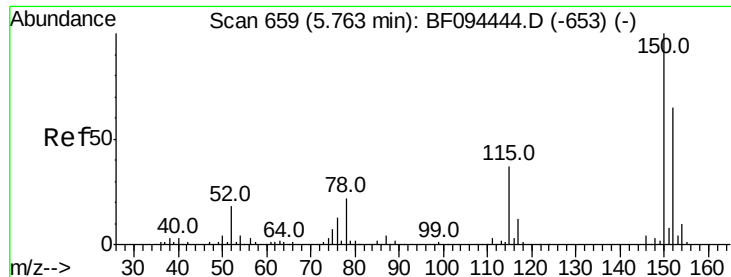
Instrument :
BNA_F
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HY-SB434-GW

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Quant Time: Apr 26 13:07:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

Instrument :

BNA_F

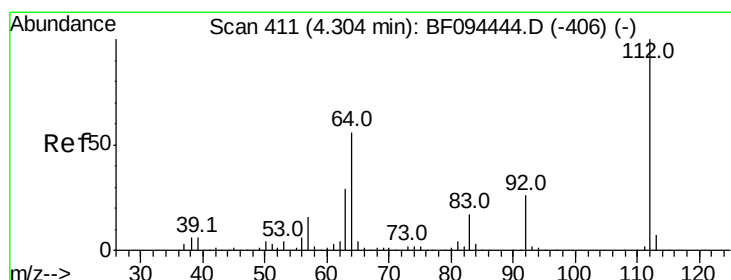
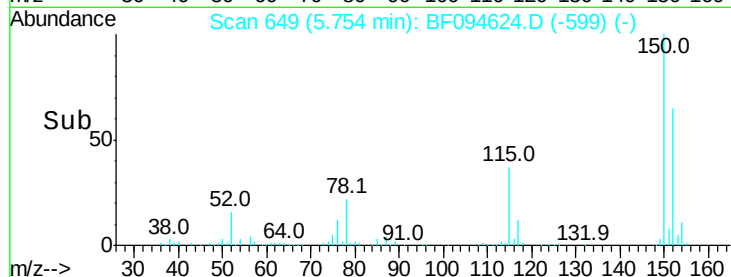
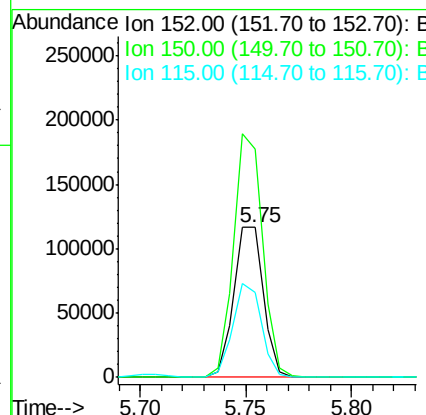
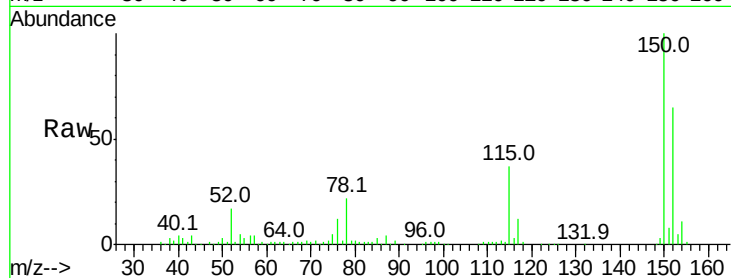
ClientSampleId :

HY-SB434-GW

Tot Ion:	152	Resp:	113090
Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	56.9	52.2	78.2

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#5

2-Fluorophenol

Concen: 68.02 ng

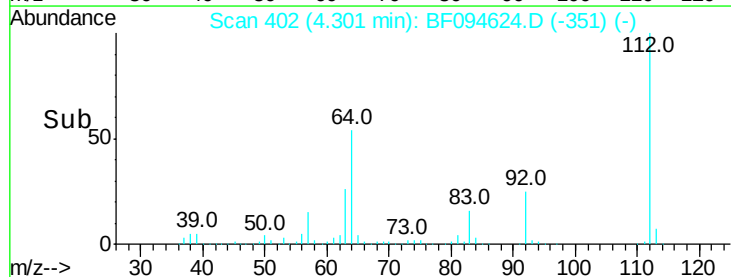
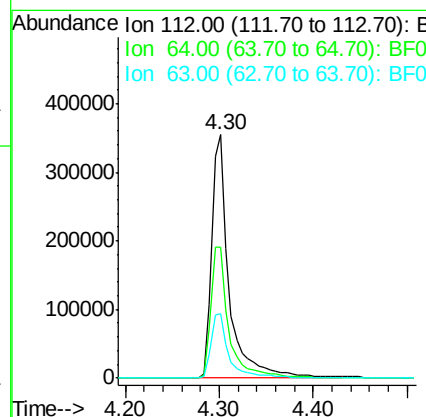
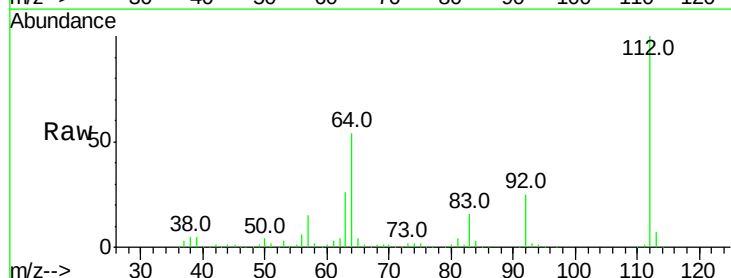
RT: 4.30 min Scan# 402

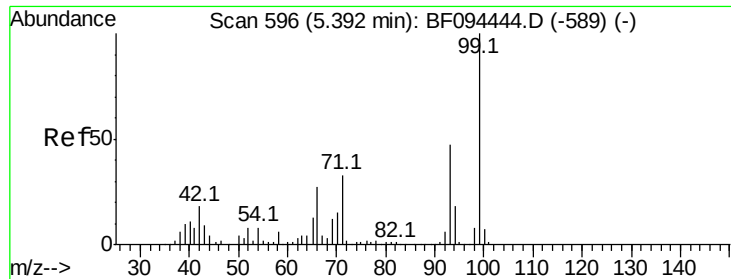
Delta R.T. -0.00 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

Tgt Ion:	112	Resp:	463685
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.4	23.4	35.0





#7

Phenol-d6

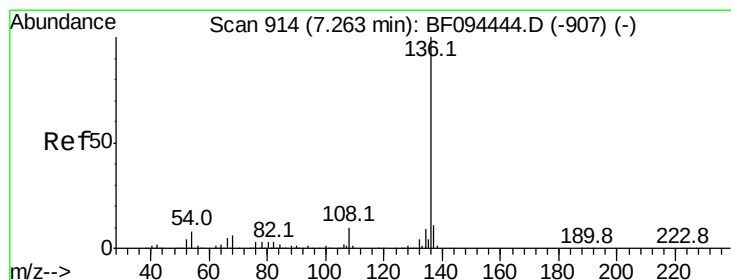
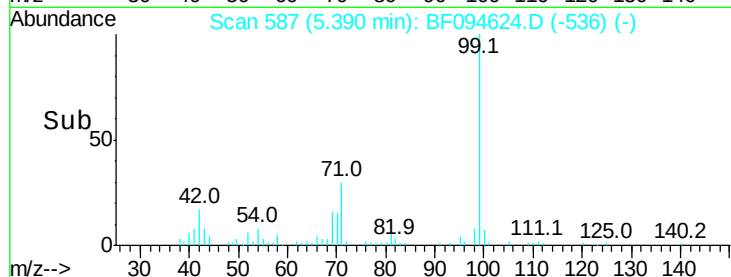
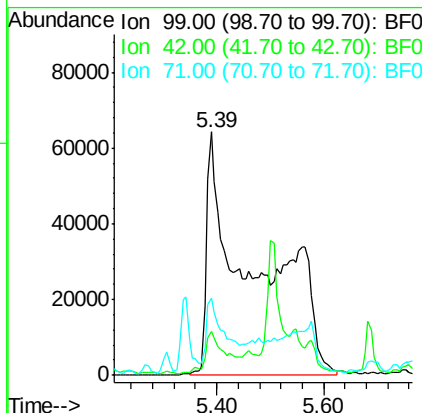
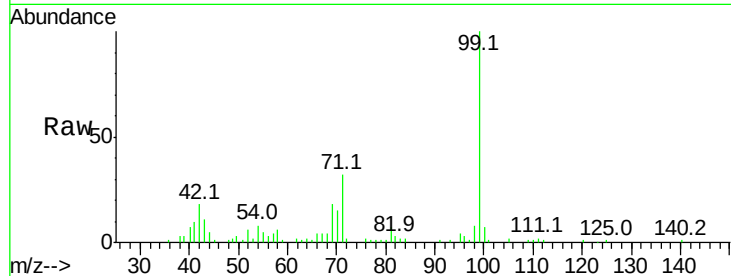
Concen: 49.17 ng/ml
 RT: 5.39 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Tot Ion:	99	Resp:	395121
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	31.5	24.5	36.7

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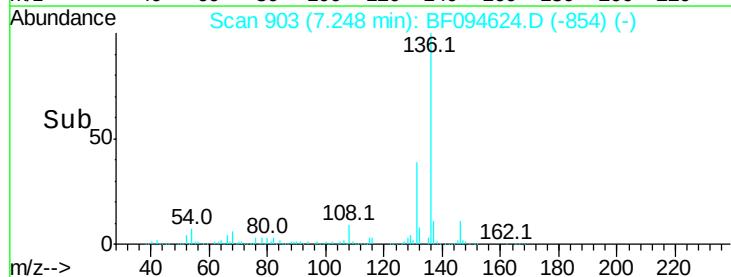
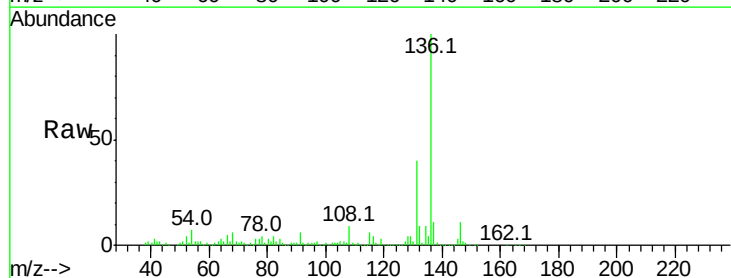
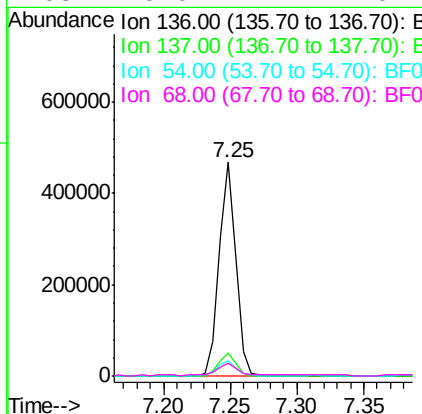


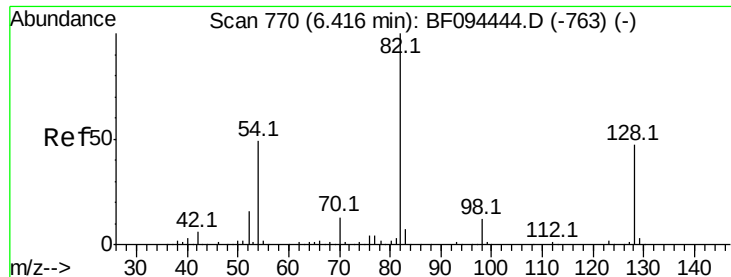
#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 7.25 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Tgt Ion:	136	Resp:	419454
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.4	4.9	7.3#
68	6.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 87.60 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

Instrument :

BNA_F

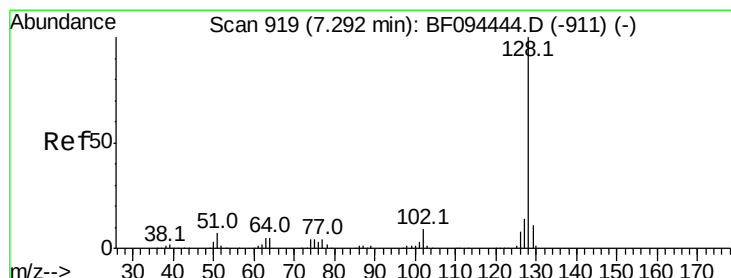
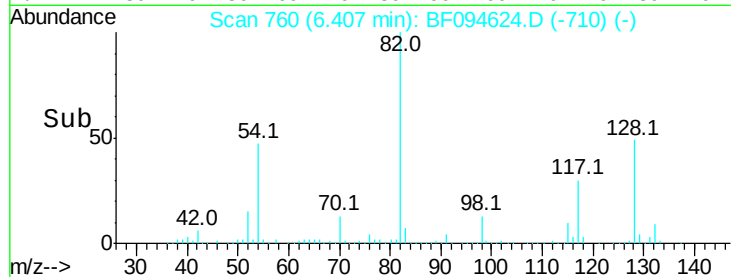
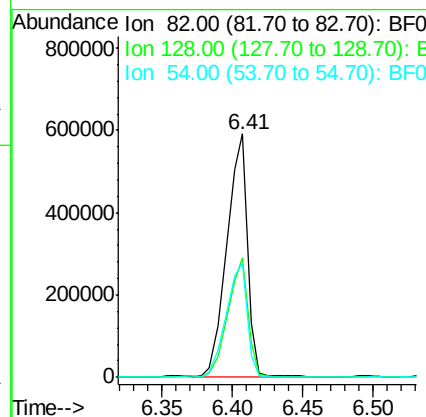
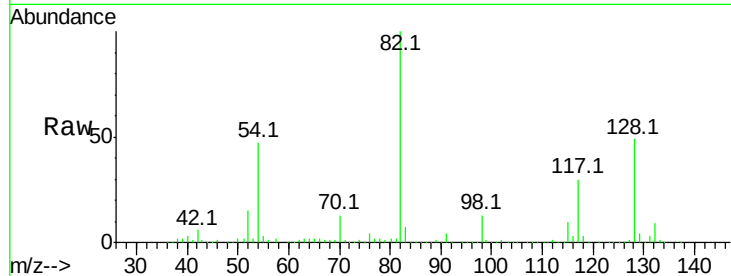
ClientSampleId :

HY-SB434-GW

Tot Ion:	82	Resp:	595056
Ion Ratio	Lower	Upper	
82	100		
128	49.2	34.0	51.0
54	47.0	42.2	63.2

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#31

Naphthalene

Concen: 3.31 ng m

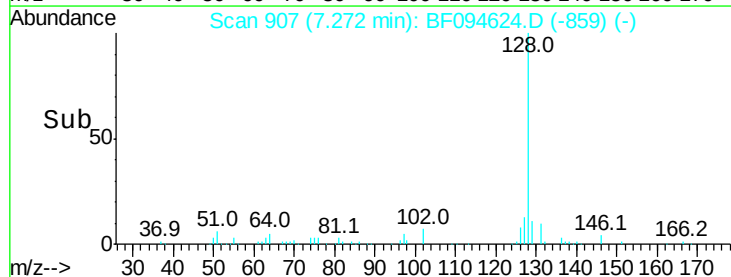
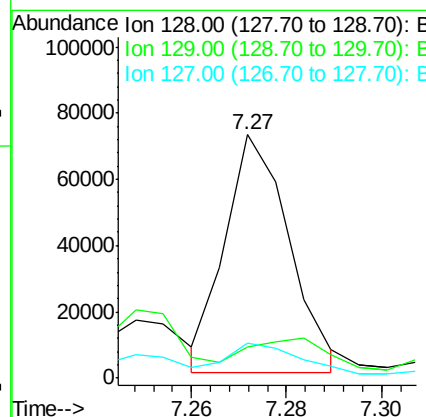
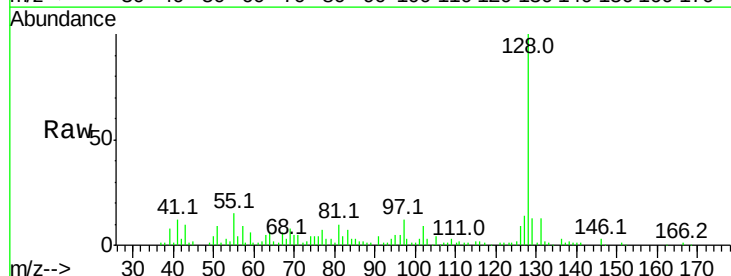
RT: 7.27 min Scan# 907

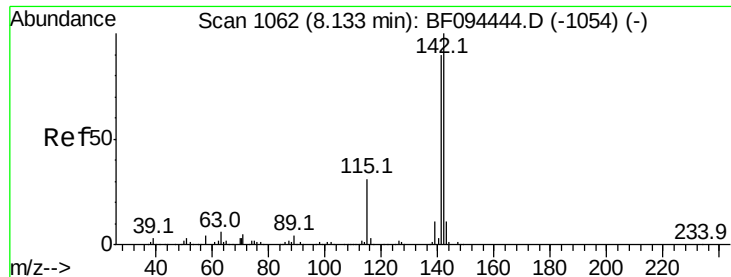
Delta R.T. -0.02 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

Tgt Ion:	128	Resp:	66813
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.0	13.6
127	14.1	10.8	16.2





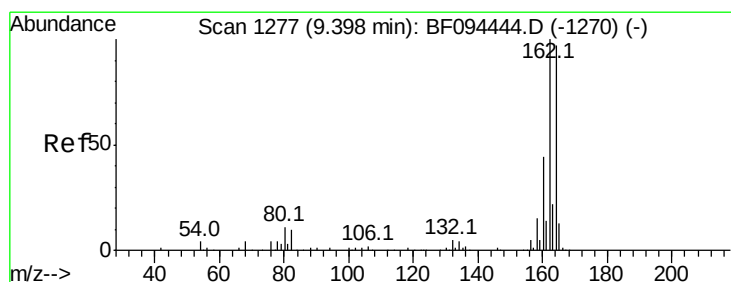
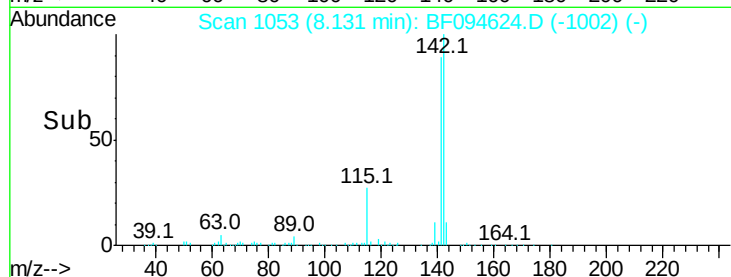
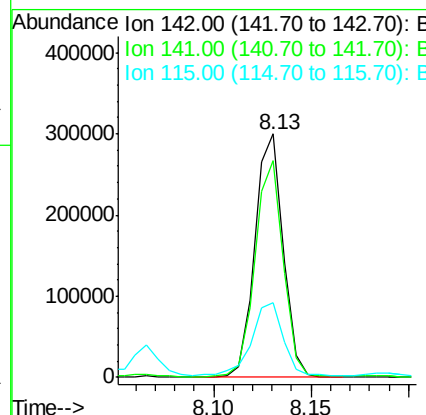
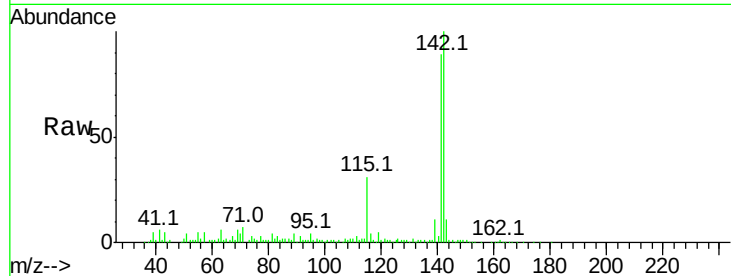
#37
 2-Methylnaphthalene
 Concen: 21.66 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Tot Ion	Ratio	Resp	Lower	Upper
142	100	298878		
141	89.1	71.3	106.9	
115	30.8	27.1	40.7	

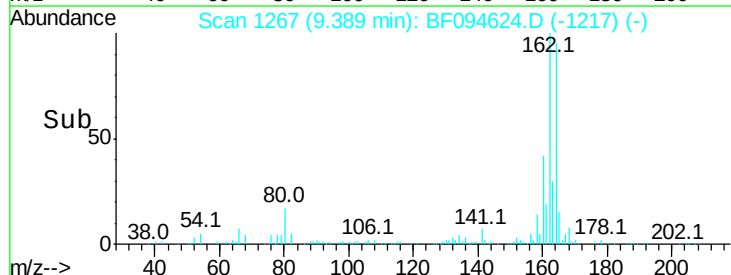
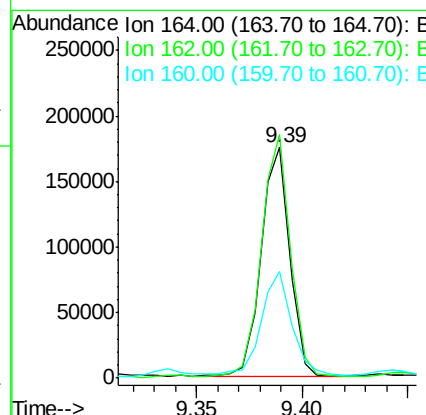
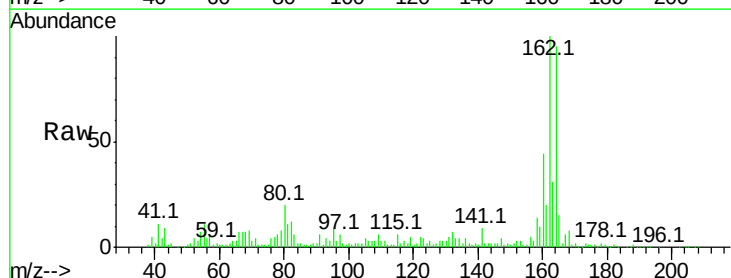
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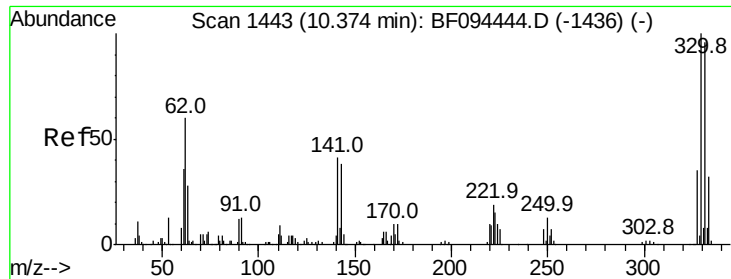
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163561		
162	105.7	82.6	123.8	
160	46.5	36.2	54.2	





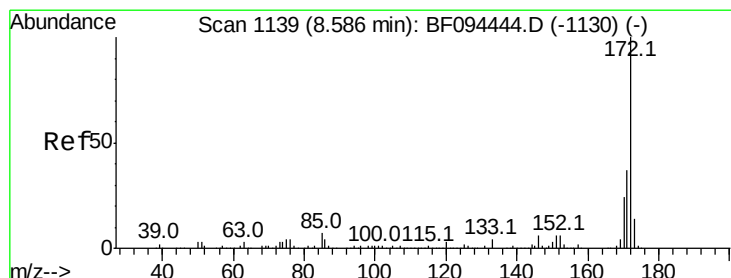
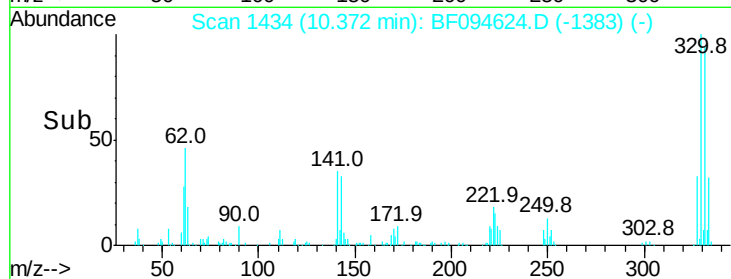
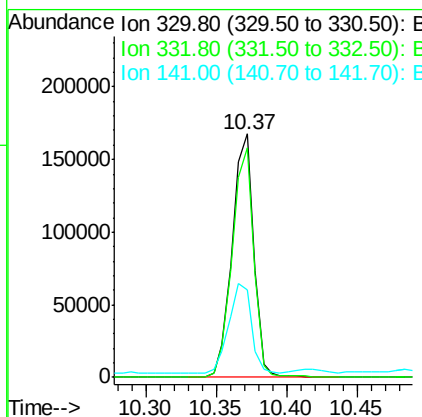
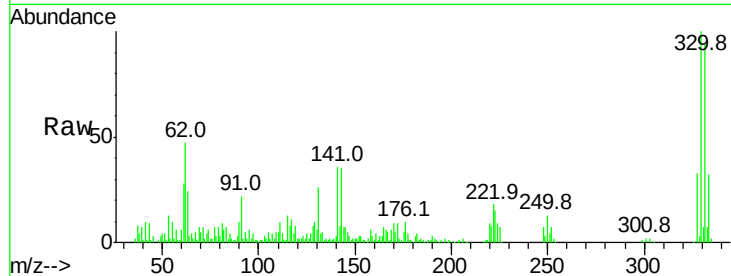
#41
 2,4,6-Tribromophenol
 Concen: 140.00 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	179110		
332	94.6	76.6	115.0	
141	38.1	31.4	47.2	

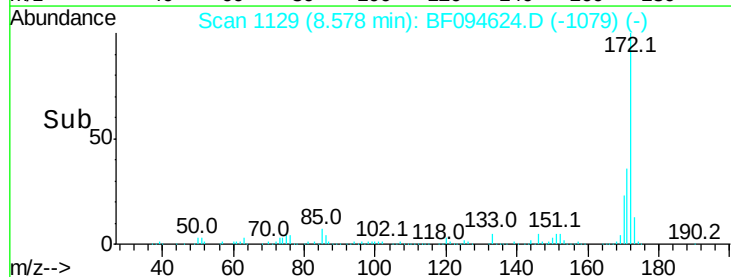
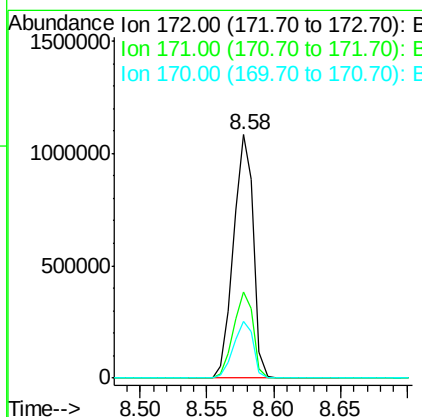
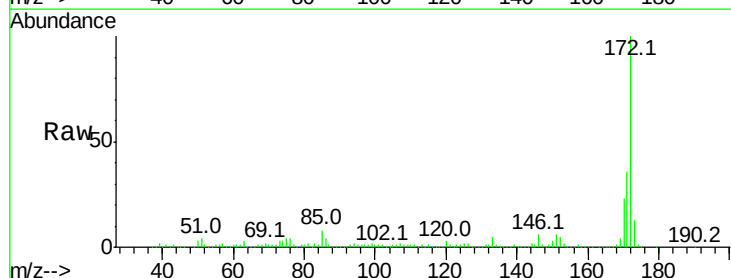
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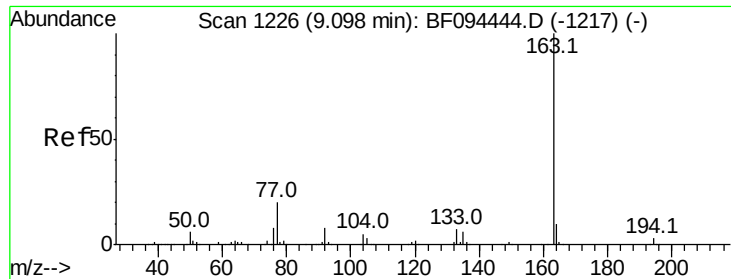
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#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1132324		
171	35.5	29.6	44.4	
170	23.3	19.8	29.8	





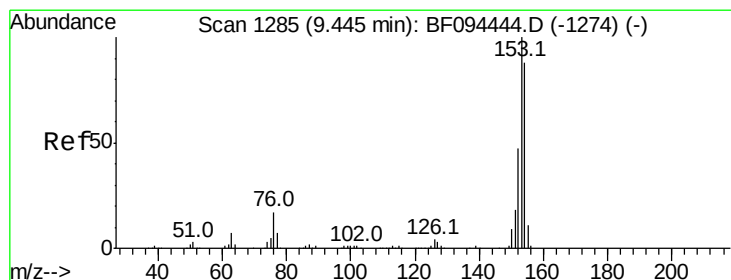
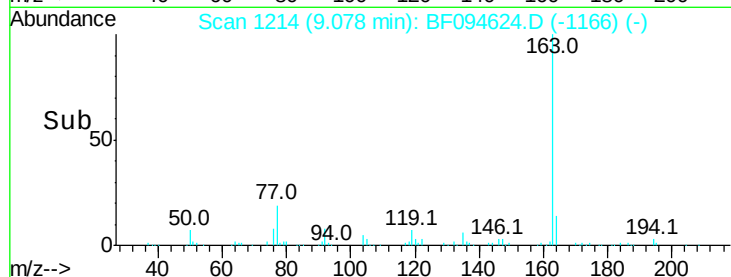
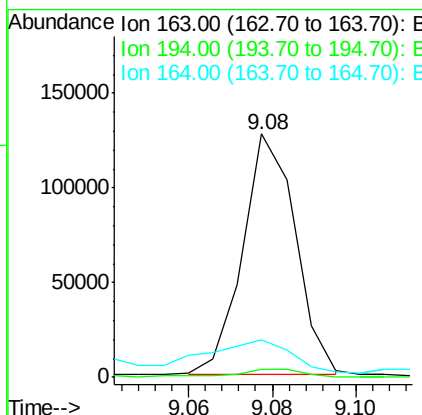
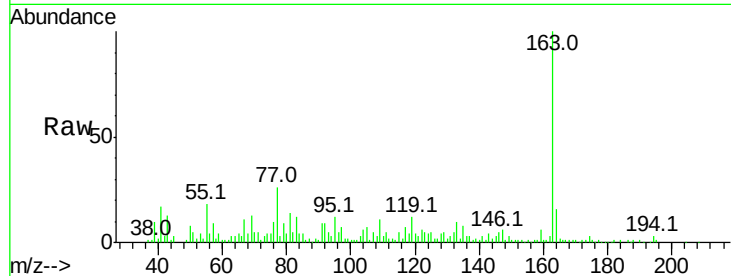
#49
Dimethylphthalate
Concen: 9.04 ng m
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094624.D
Acq: 26 Apr 2017 1:06

Instrument :
BNA_F
ClientSampleId :
HY-SB434-GW

Tot Ion	Ratio	Resp	Lower	Upper
163	100	110197		
194	3.3	2.6	4.0	
164	15.6	8.4	12.6	

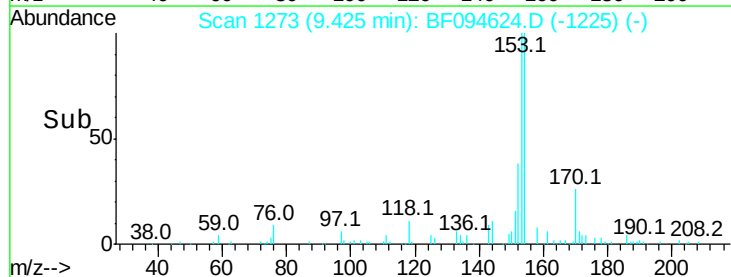
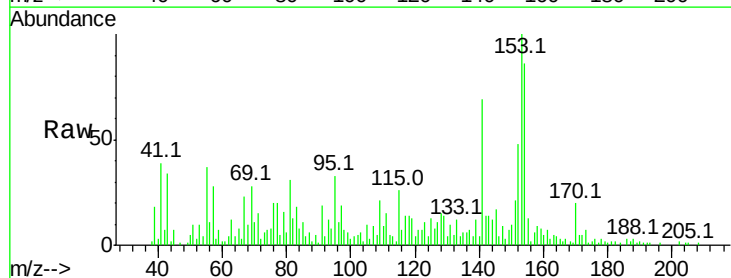
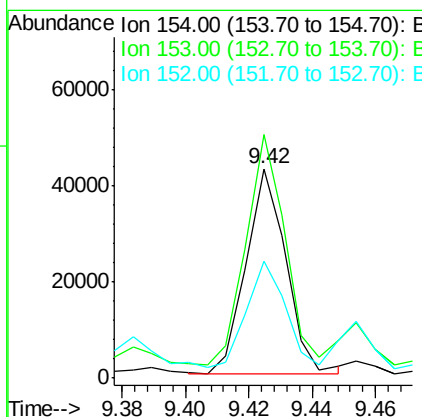
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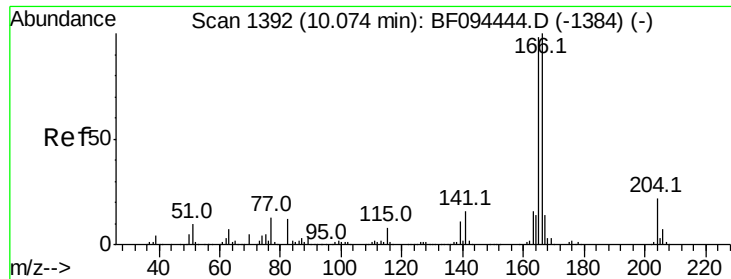
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#51
Acenaphthene
Concen: 3.78 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094624.D
Acq: 26 Apr 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	37529		
153	116.5	90.5	135.7	
152	55.7	43.6	65.4	





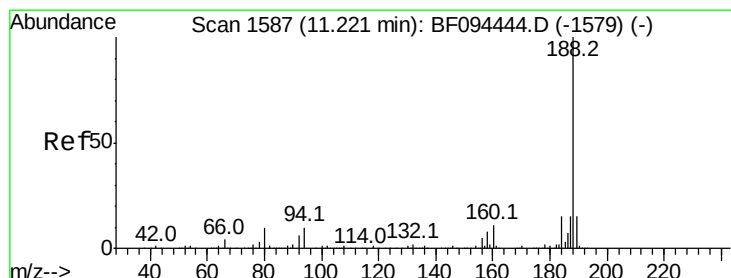
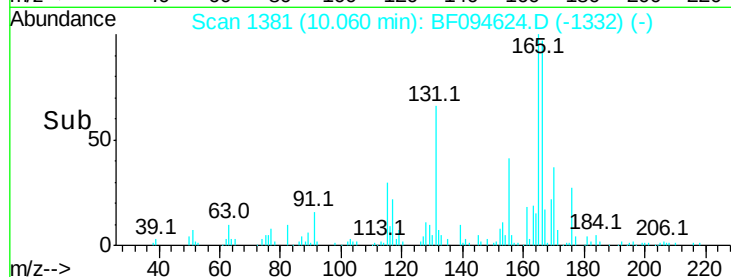
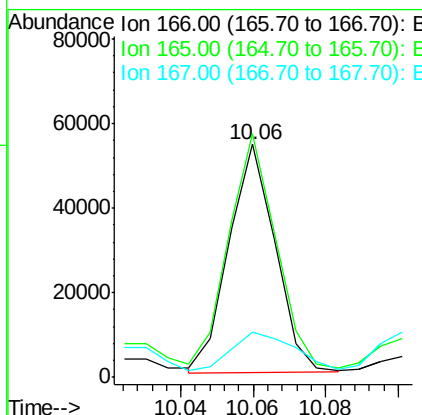
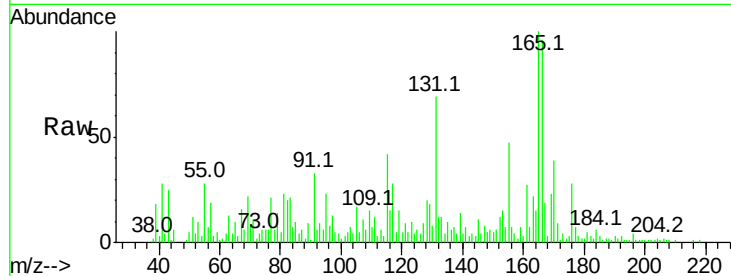
#57
Fluorene
 Concen: 4.29 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		48128		
165	104.5	78.8		118.2	
167	19.5	10.6		16.0#	

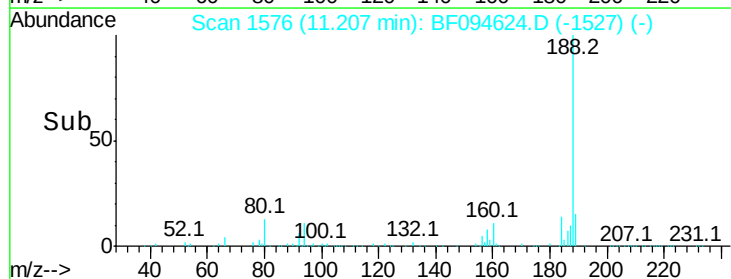
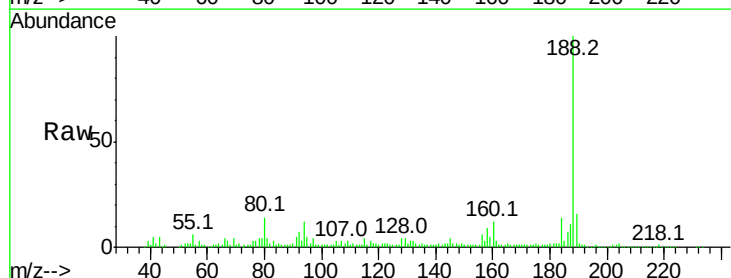
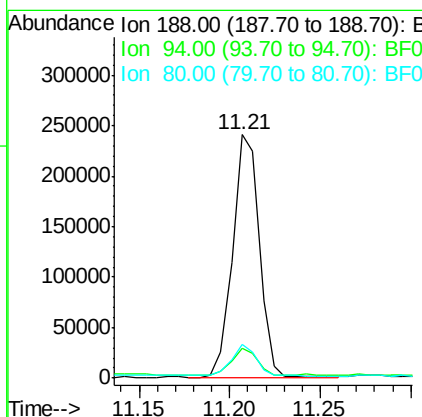
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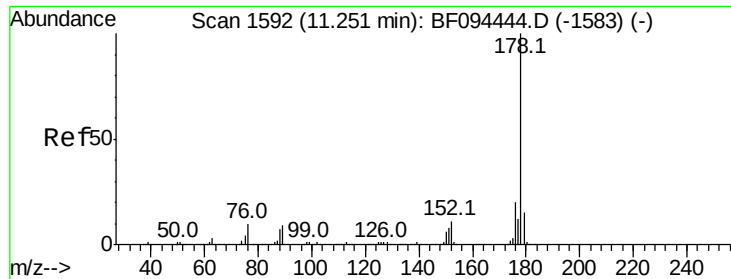
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		245145		
94	12.2	9.4		14.2	
80	14.0	10.2		15.2	





#70

Phenanthrene

Concen: 5.92 ng

RT: 11.24 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

Instrument :

BNA_F

ClientSampleId :

HY-SB434-GW

Tot Ion:178 Resp: 81680

Ion Ratio Lower Upper

178 100

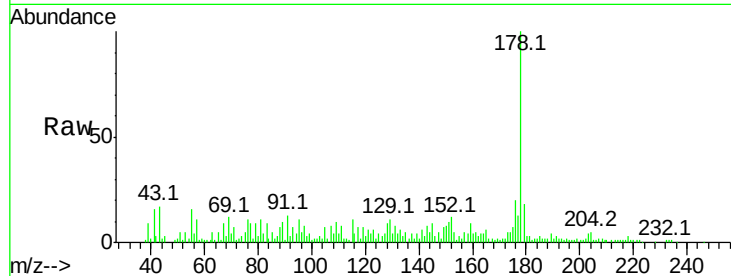
176 20.4 16.2 24.4

179 17.6 12.6 19.0

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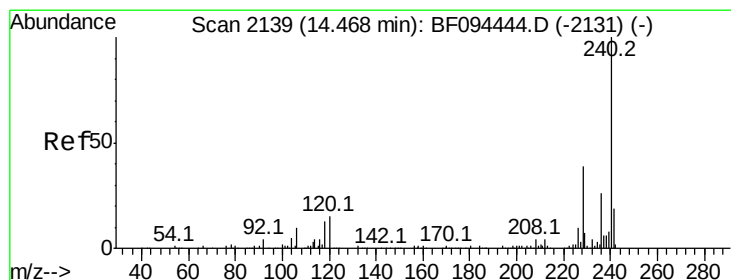
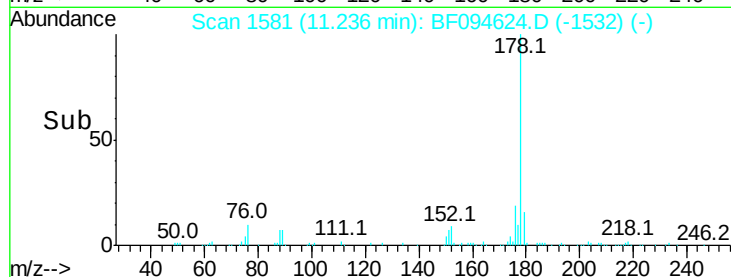
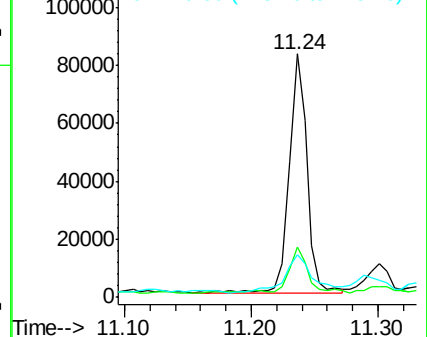
4/26/2017 2:22:23 PM



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094624.D

Acq: 26 Apr 2017 1:06

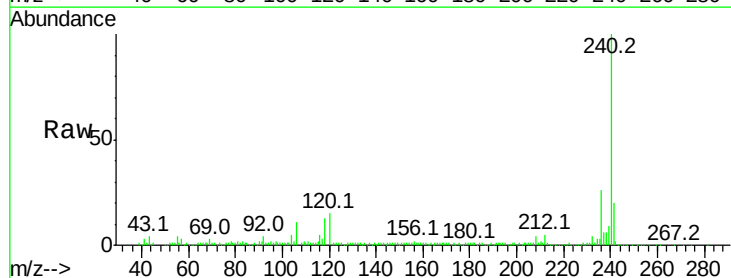
Tgt Ion:240 Resp: 233092

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

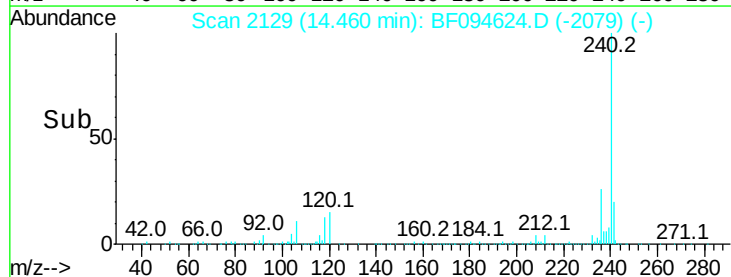
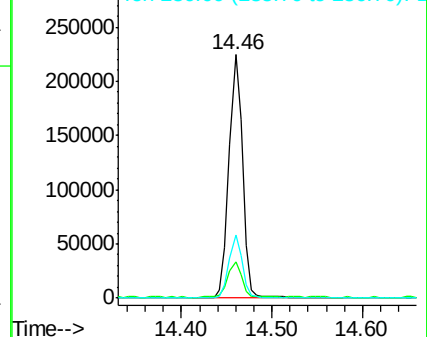
236 26.2 20.5 30.7

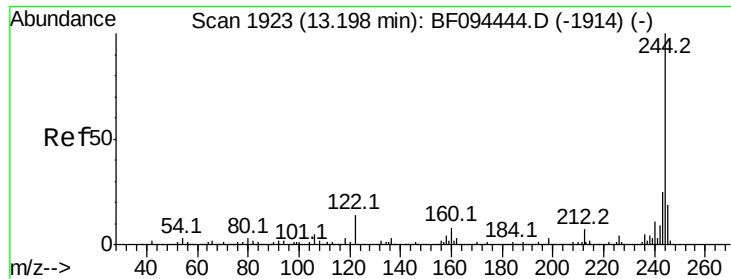


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





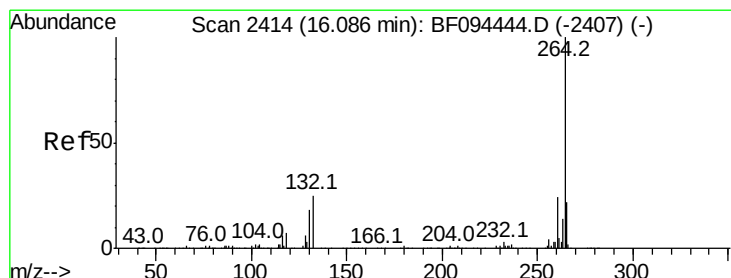
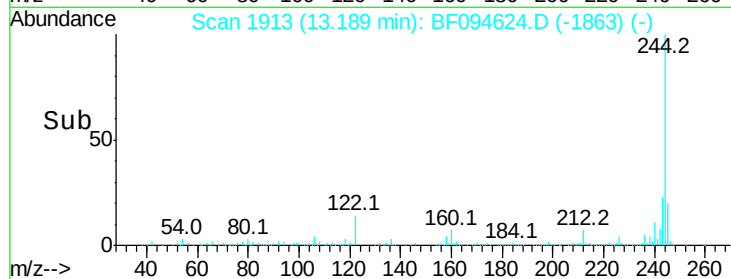
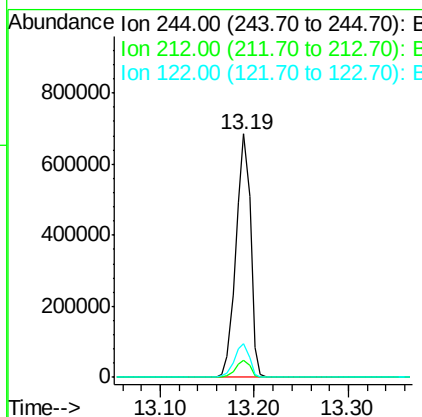
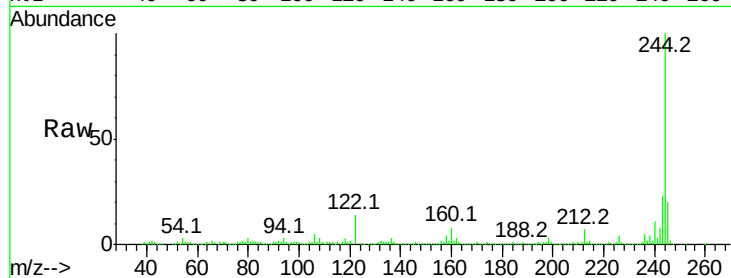
#78
 Terphenyl-d14
 Concen: 84.46 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB434-GW

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	14.0	10.3	15.5	

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 4/26/2017 2:22:23 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094624.D
 Acq: 26 Apr 2017 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	19.5	29.3	
265	20.8	17.2	25.8	

