

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094366.D
 Acq On : 11 Apr 2017 22:36
 Operator : SJ/MA
 Sample : I2624-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-WSG-04

Manual Integrations
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 4/12/2017 5:12:02 PM

Quant Time: Apr 12 02:59:13 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	134820	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	510604	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	203592	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	323951	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	269841	20.00	ng	-0.02
86) Perylene-d12	16.19	264	217614	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	714788	89.55	ng	0.00
7) Phenol-d6	5.47	99	948005	96.00	ng	0.00
23) Nitrobenzene-d5	6.48	82	574617	64.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	145094	90.19	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	966146	72.38	ng	-0.03
78) Terphenyl-d14	13.28	244	616308	51.19	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	73740	6.56	ng	Qvalue 87
20) 3+4-Methylphenols	6.34	107	21457	2.36	ng	# 59
22) Acetophenone	6.30	105	28795	2.53	ng	# 84
32) Benzoic acid	7.07	122	10577	2.19	ng	85
49) Dimethylphthalate	9.16	163	259330	17.92	ng	98
74) Fluoranthene	12.79	202	44024	2.39	ng	98
77) Pyrene	13.06	202	39334	2.01	ng	# 96

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

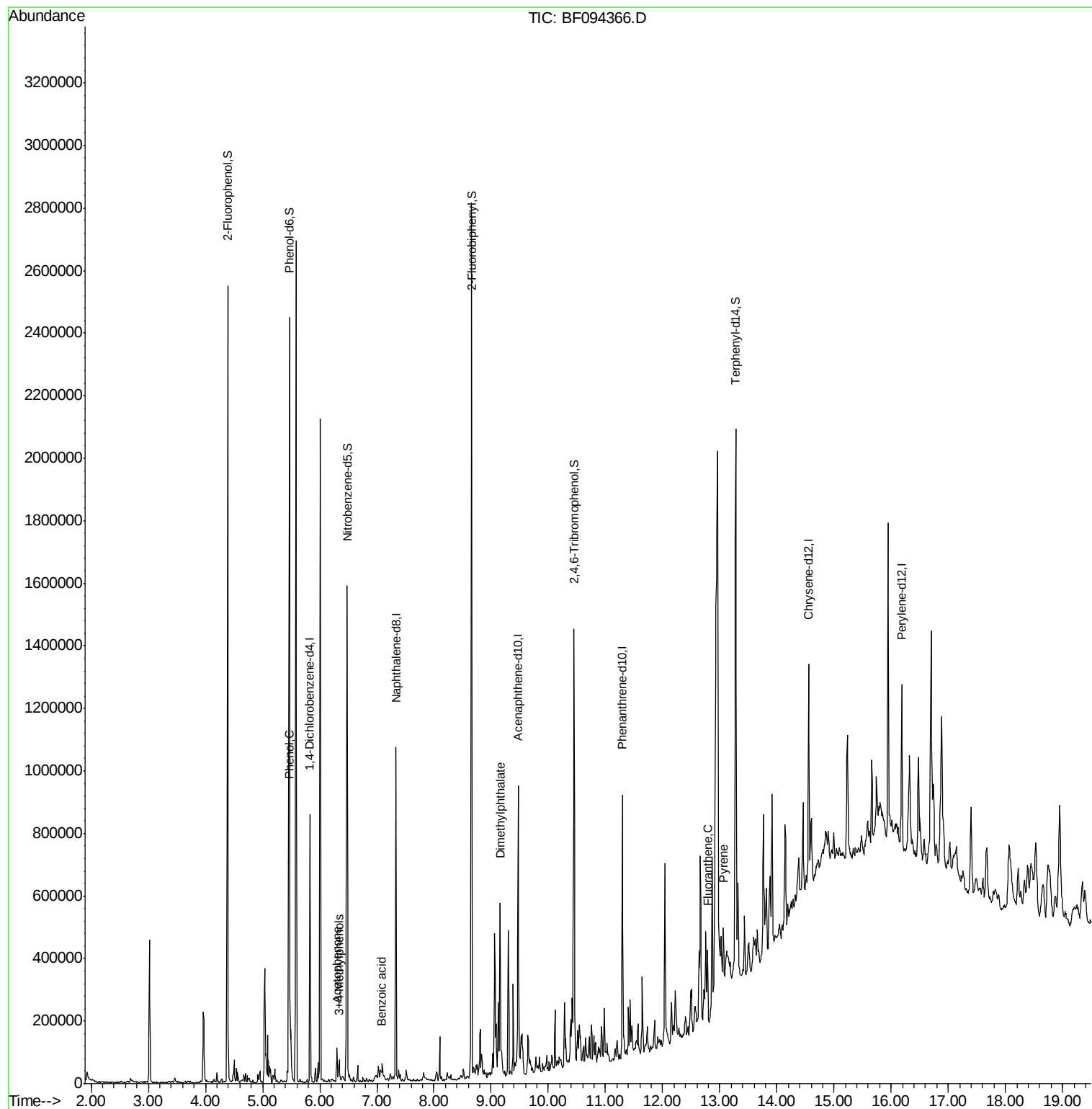
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
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ALS Vial : 15 Sample Multiplier: 1

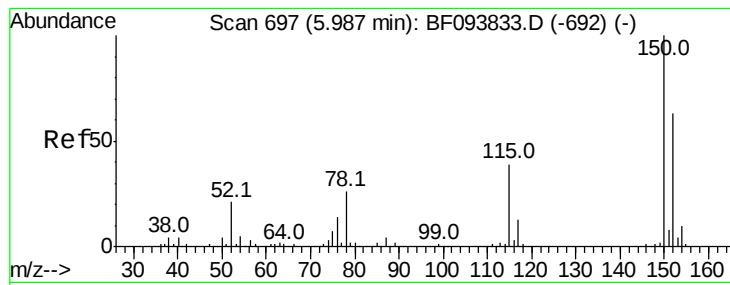
Instrument :
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IM-TS-WSG-04

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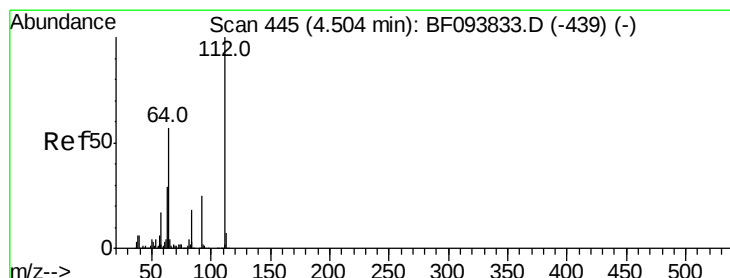
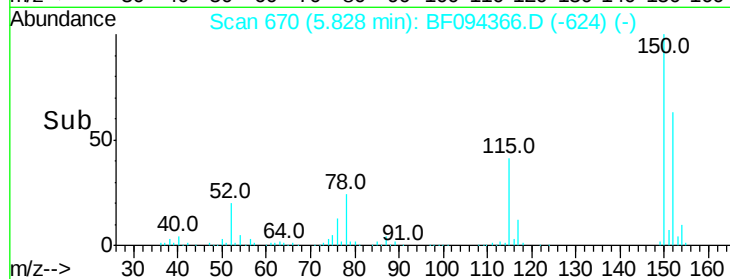
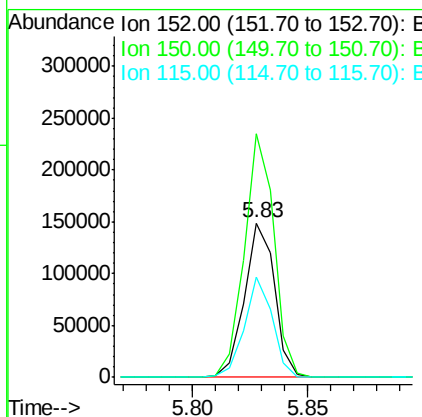
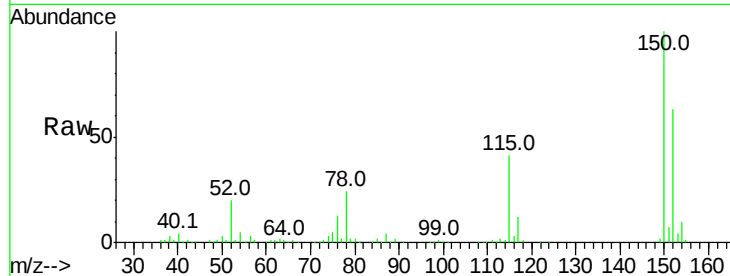
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF094366.D
 Acq: 11 Apr 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-WSG-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	64.8	52.2	78.2

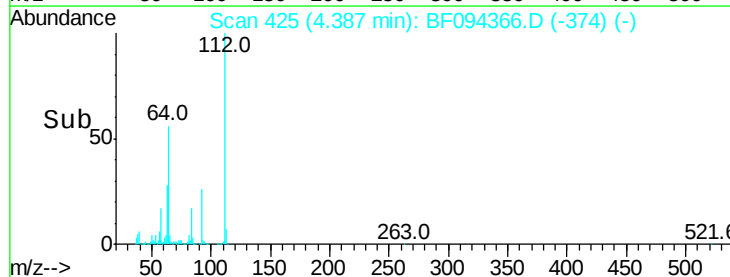
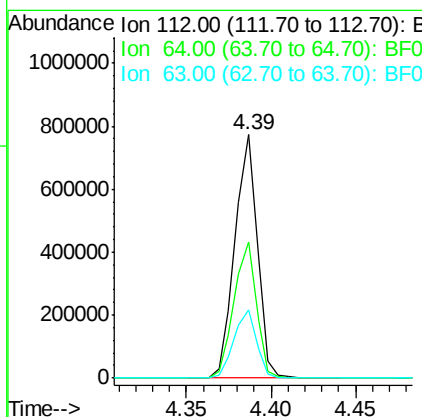
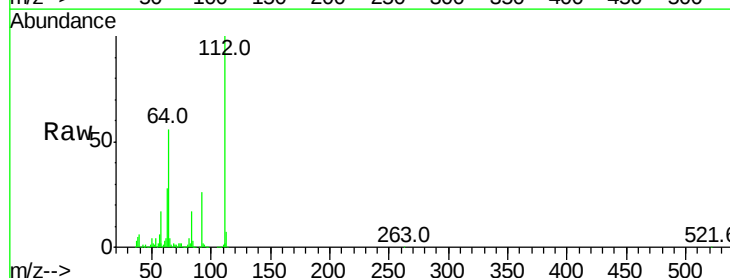
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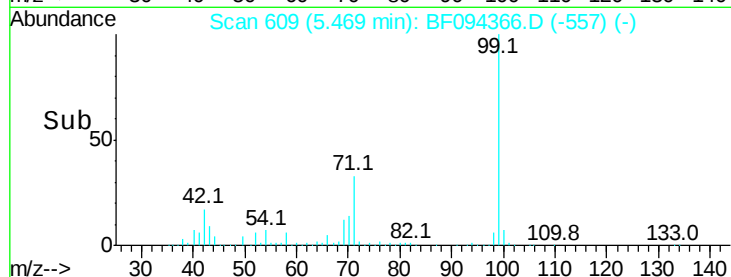
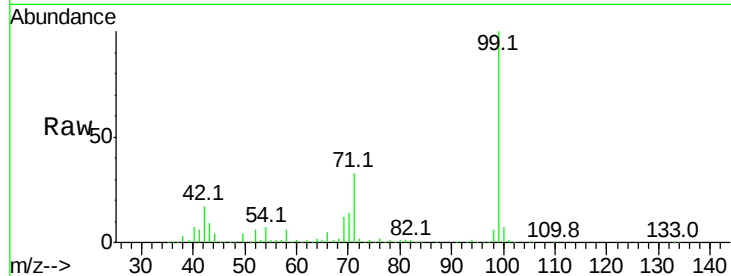
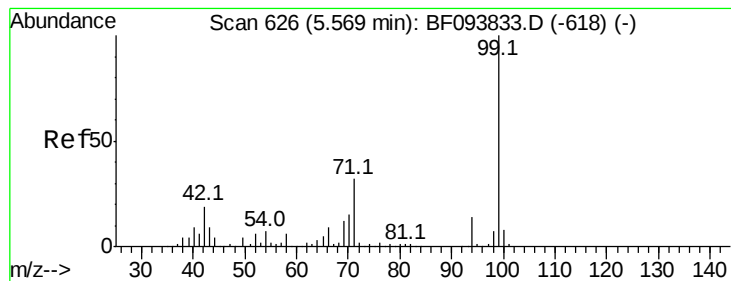
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#5
 2-Fluorophenol
 Concen: 89.55 ng
 RT: 4.39 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF094366.D
 Acq: 11 Apr 2017 22:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	28.2	23.4	35.0





#7

Phenol-d6

Concen: 96.00 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Tot Ion:	99	Resp:	948005
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	33.1	24.5	36.7

Instrument :

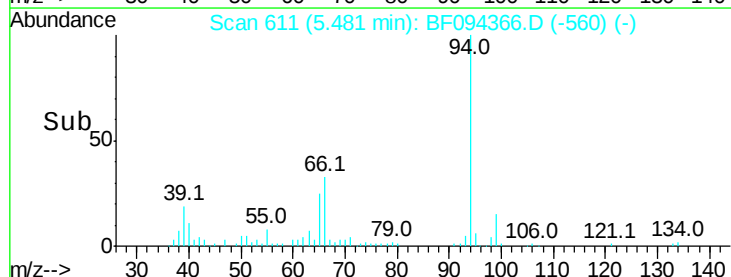
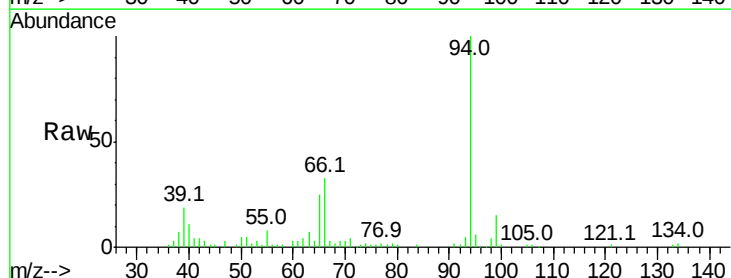
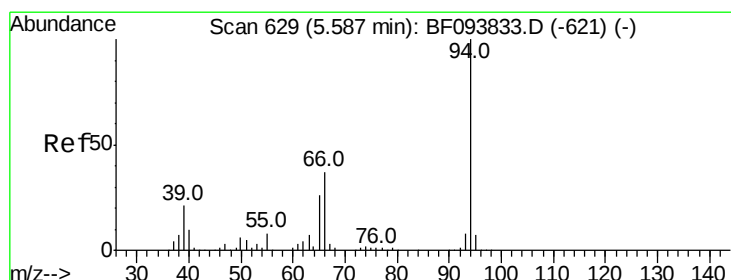
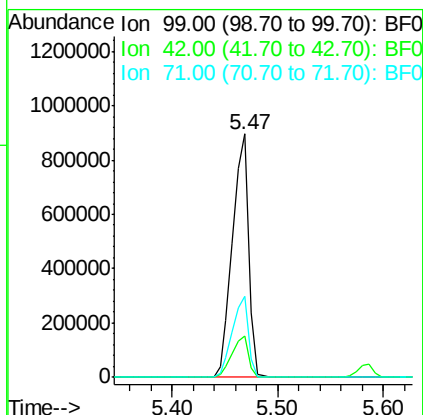
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 6.56 ng

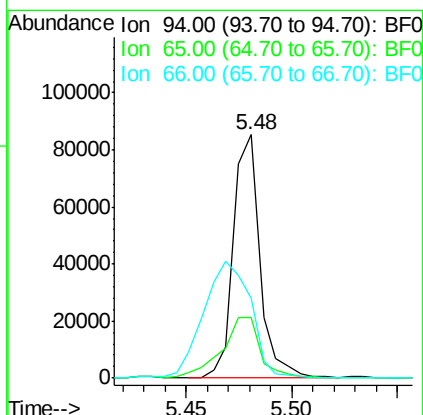
RT: 5.48 min Scan# 611

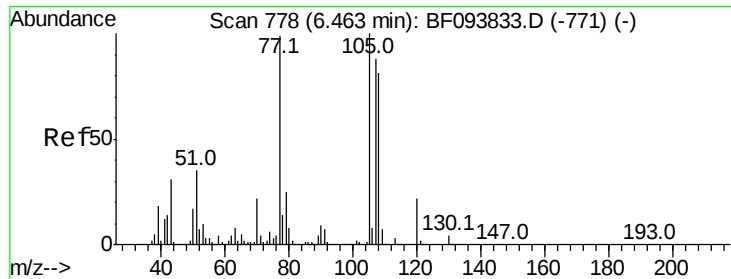
Delta R.T. -0.00 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Tgt Ion:	94	Resp:	73740
Ion Ratio	Lower	Upper	
94	100		
65	25.1	9.9	49.9
66	32.5	23.1	63.1





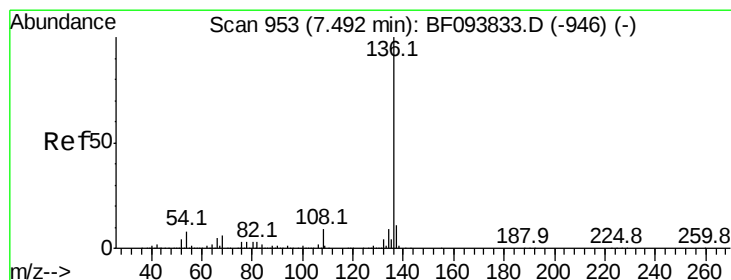
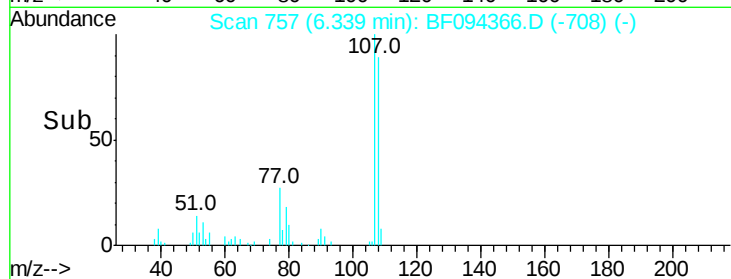
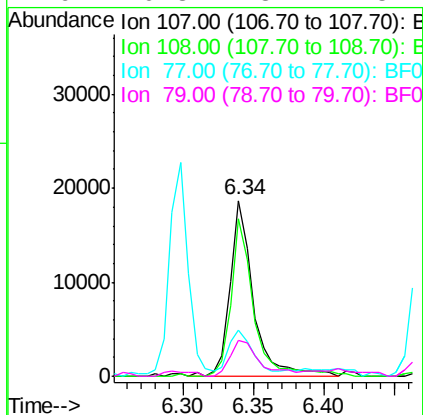
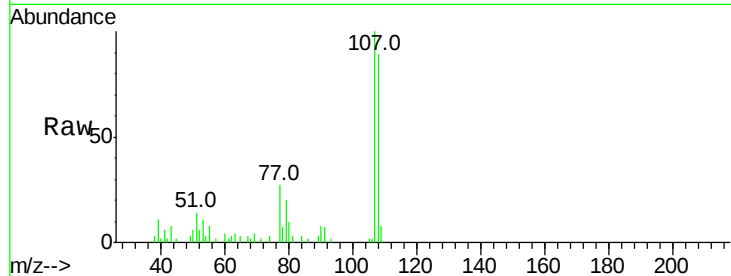
#20
3+4-Methylphenols
Concen: 2.36 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :
IM-TS-WSG-04

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	26.6	90.5	130.5#
79	20.3	8.4	48.4

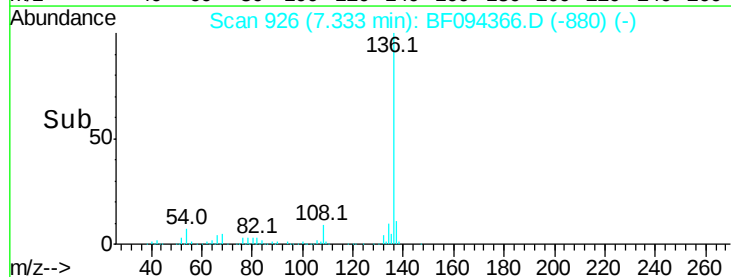
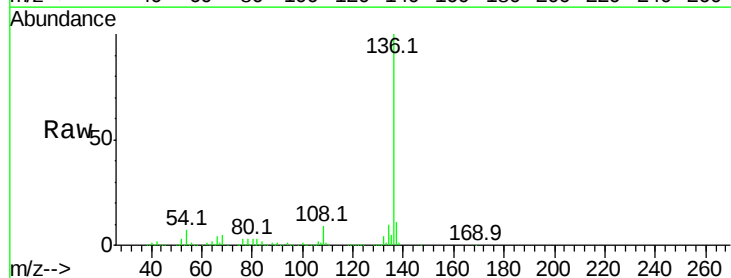
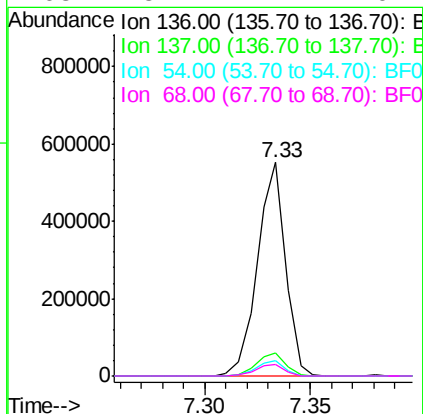
Manual Integrations
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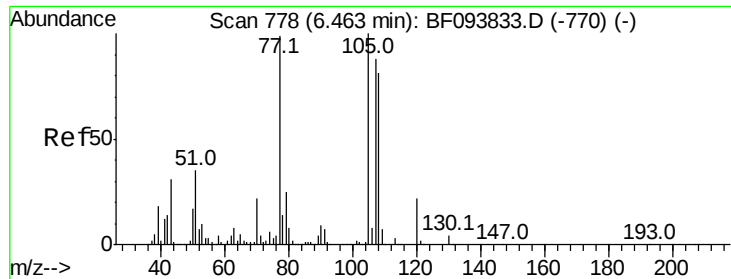
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.2	4.1	6.1





#22

Acetophenone

Concen: 2.53 ng

RT: 6.30 min Scan# 750

Delta R.T. -0.04 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Instrument :

BNA_F

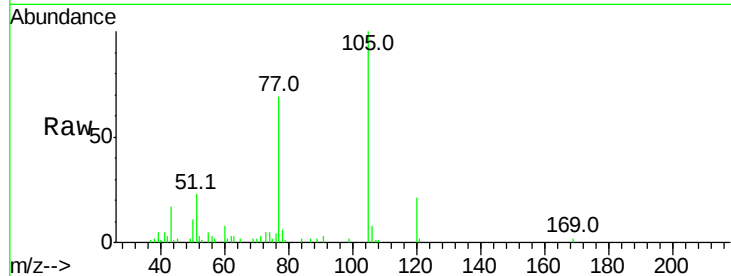
ClientSampleId :

IM-TS-WSG-04

Tot Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.8	4.2#
51	23.1	30.7	46.1#
120	20.9	17.4	26.0

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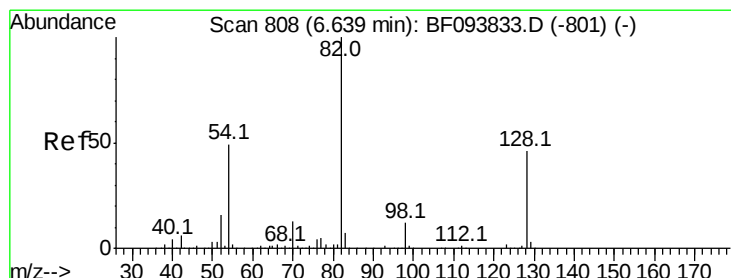
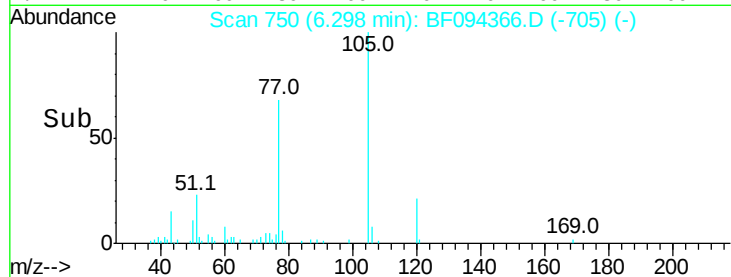
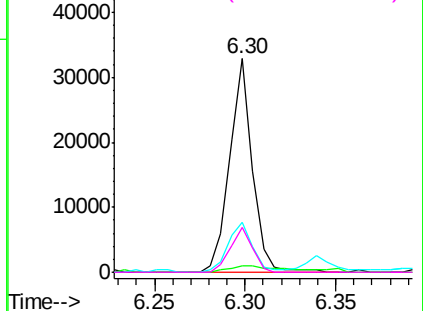


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 64.22 ng

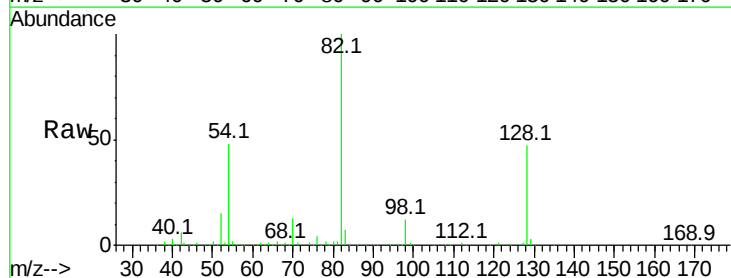
RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

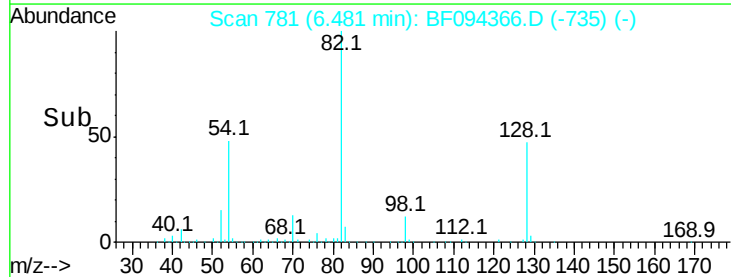
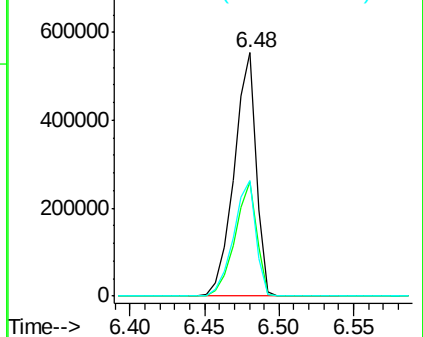
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	47.5	42.2	63.2

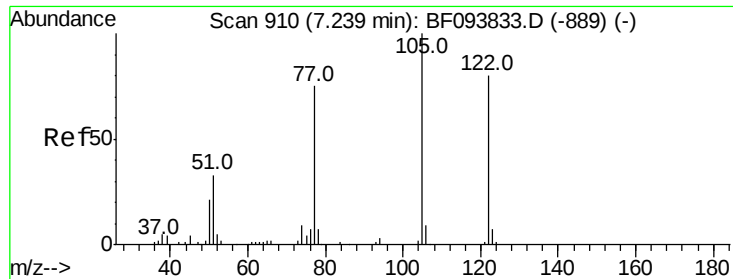


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 2.19 ng

RT: 7.07 min Scan# 882

Delta R.T. -0.07 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Instrument :

BNA_F

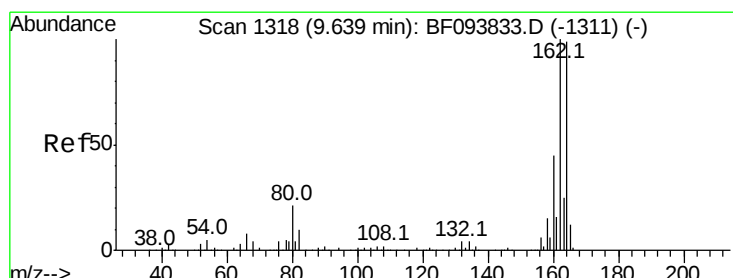
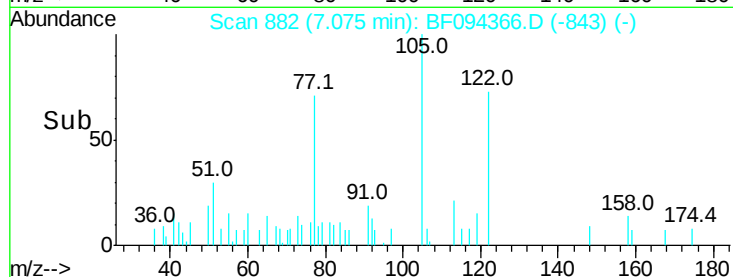
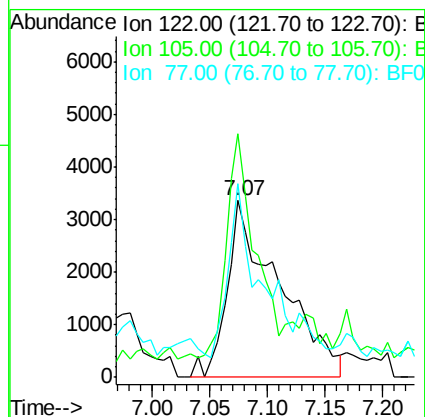
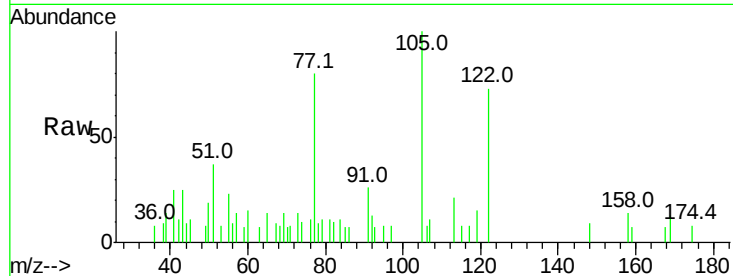
ClientSampleId :

IM-TS-WSG-04

Tot Ion:	122	Resp:	10577
Ion Ratio	Lower	Upper	
122	100		
105	137.8	103.3	143.3
77	109.9	73.7	113.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

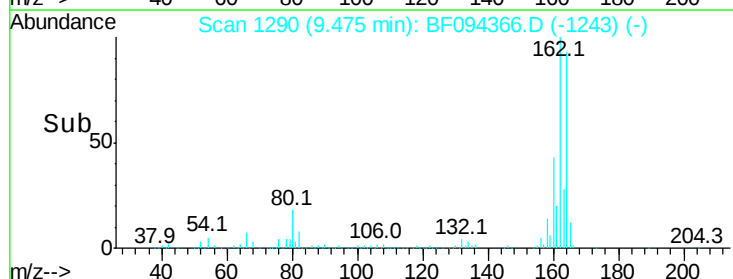
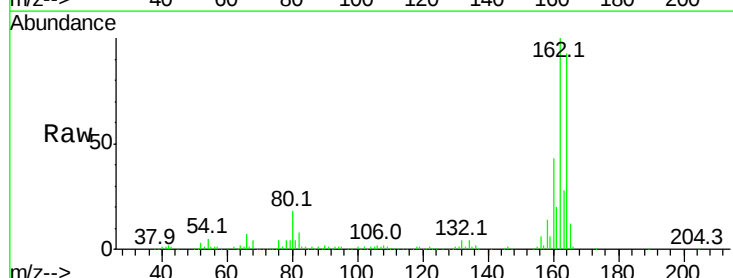
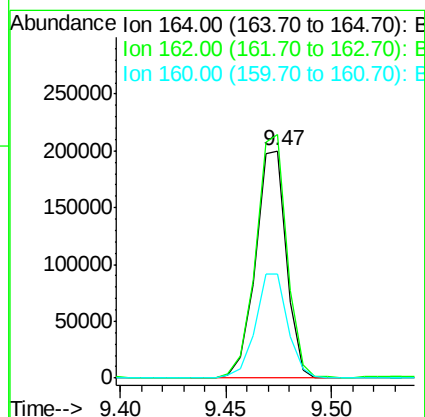
RT: 9.47 min Scan# 1290

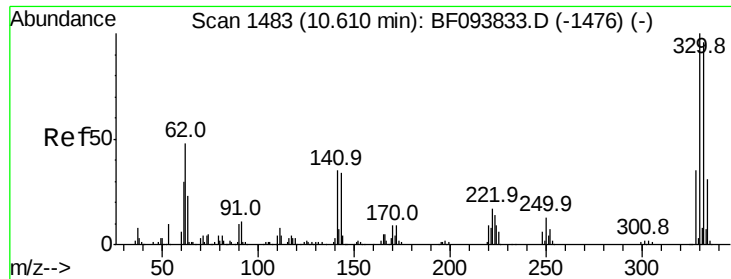
Delta R.T. -0.02 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Tgt Ion:	164	Resp:	203592
Ion Ratio	Lower	Upper	
164	100		
162	107.2	82.6	123.8
160	45.8	36.2	54.2





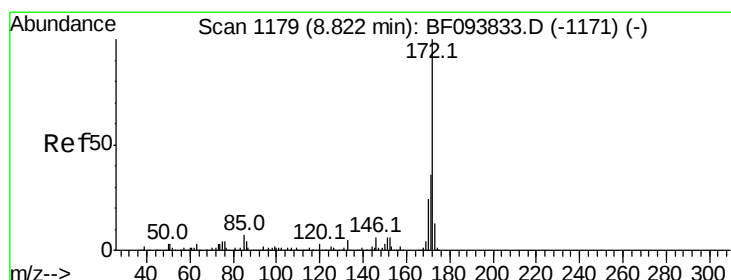
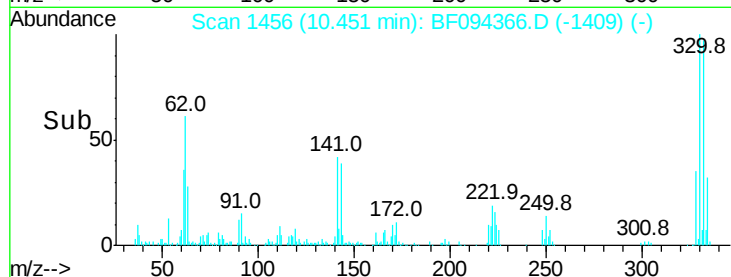
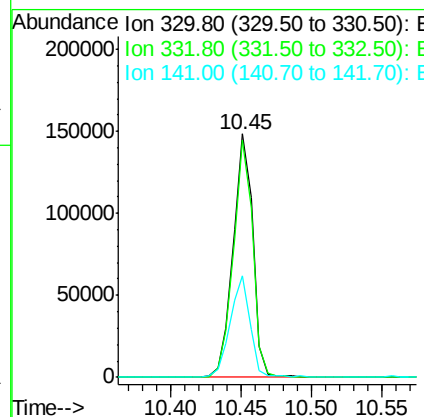
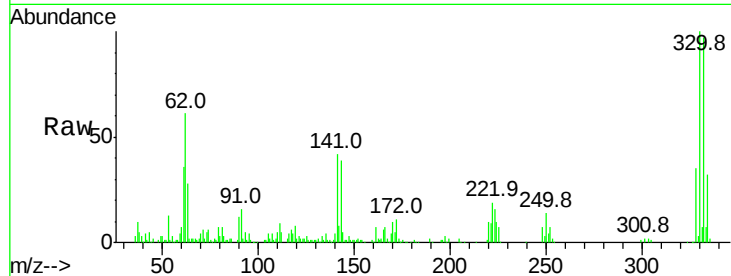
#41
 2,4,6-Tribromophenol
 Concen: 90.19 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094366.D
 Acq: 11 Apr 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-WSG-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100	145094		
332	95.7	76.6	115.0	
141	43.6	31.4	47.2	

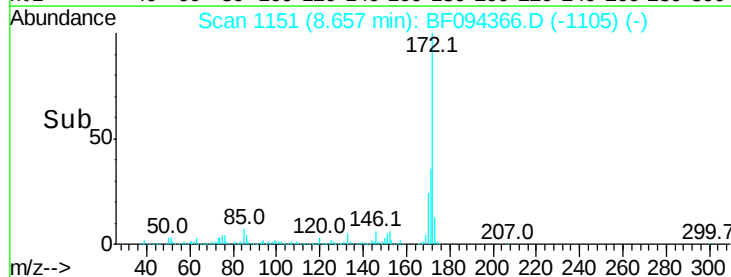
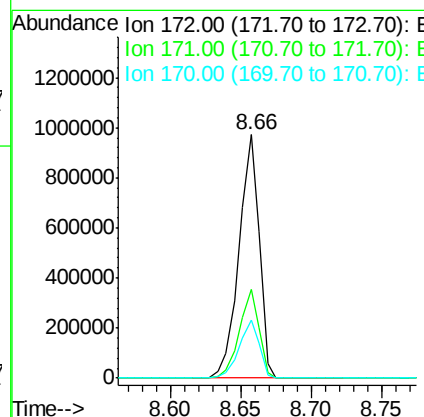
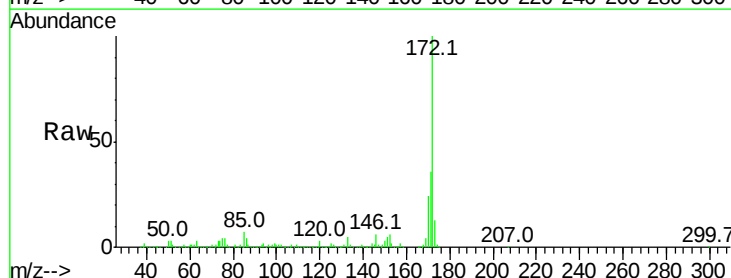
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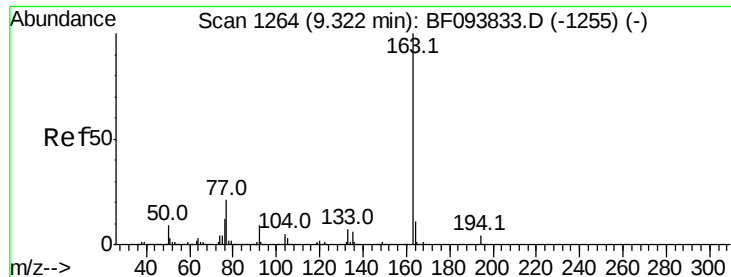
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#44
 2-Fluorobiphenyl
 Concen: 72.38 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094366.D
 Acq: 11 Apr 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	966146		
171	36.3	29.6	44.4	
170	23.7	19.8	29.8	





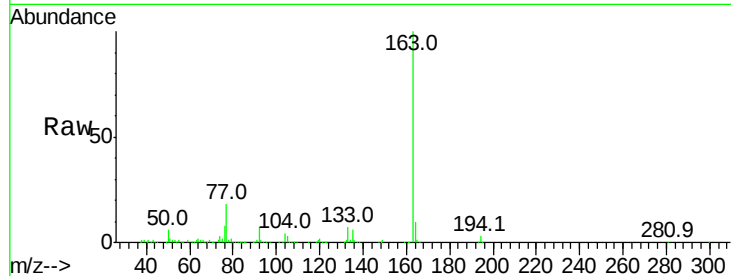
#49
Dimethylphthalate
Concen: 17.92 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :
IM-TS-WSG-04

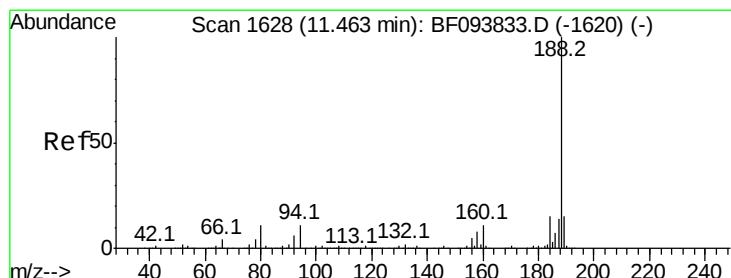
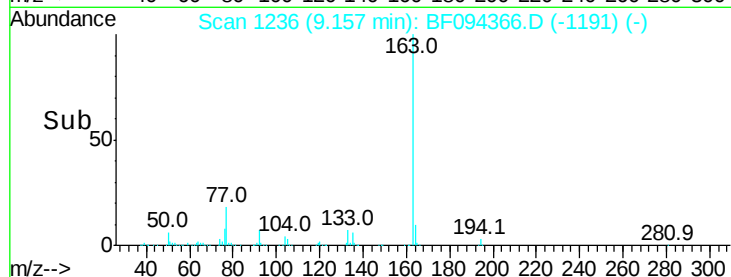
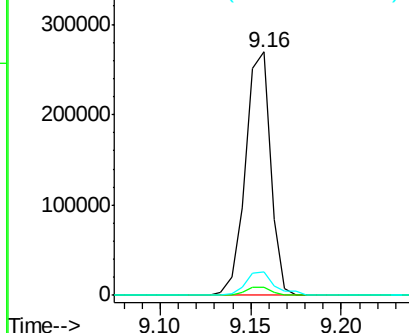
Tot Ion	Ratio	Resp	Lower	Upper
163	100	259330		
194	3.4		2.6	4.0
164	9.7		8.4	12.6

Manual Integrations
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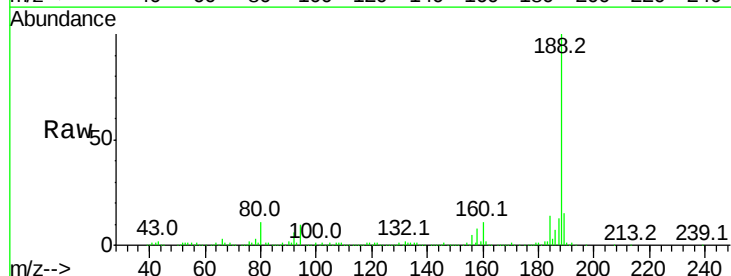


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

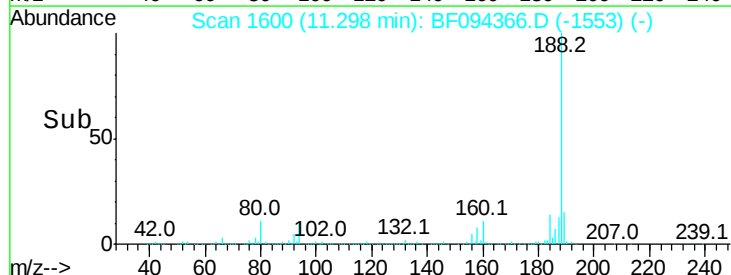
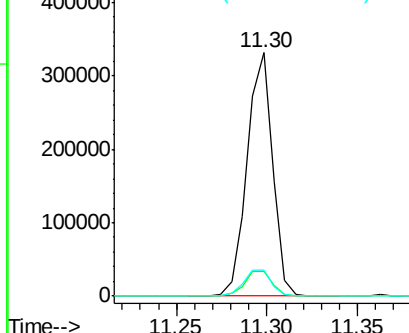


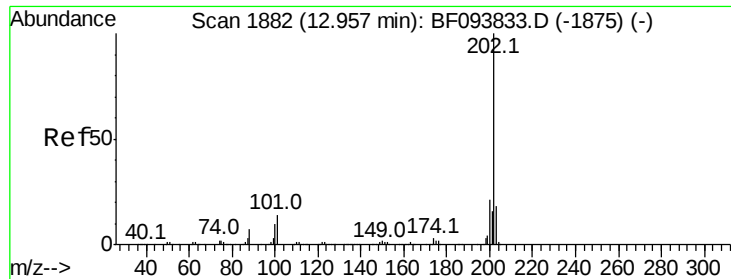
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	323951		
94	10.0		9.4	14.2
80	10.7		10.2	15.2



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





#74

Fluoranthene

Concen: 2.39 ng

RT: 12.79 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Instrument :

BNA_F

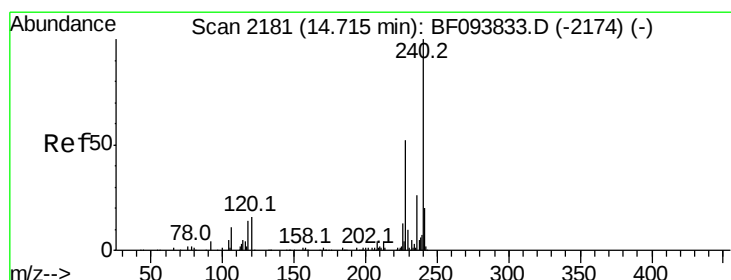
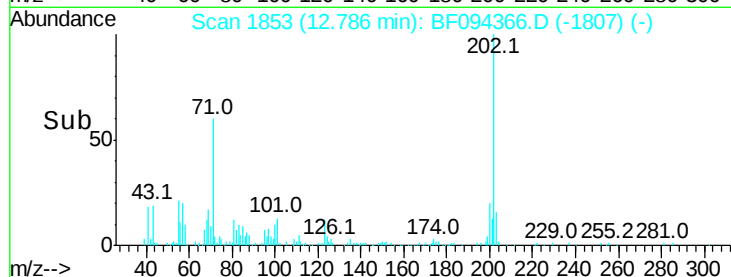
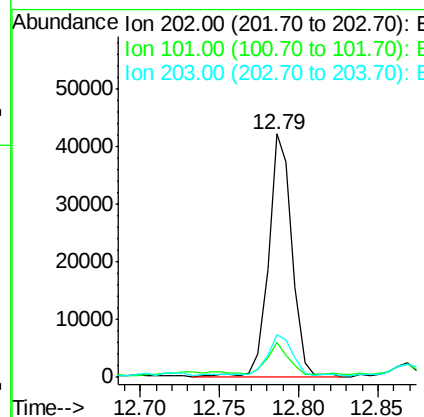
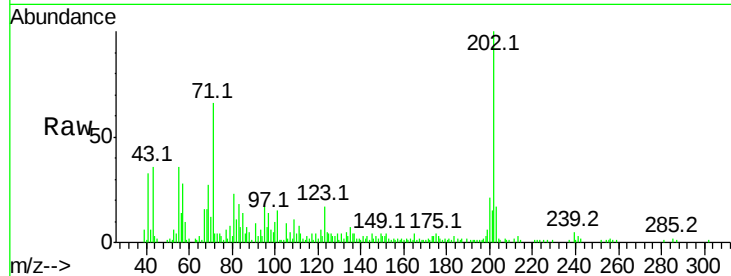
ClientSampleId :

IM-TS-WSG-04

Tot Ion:	202	Resp:	44024
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.2
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

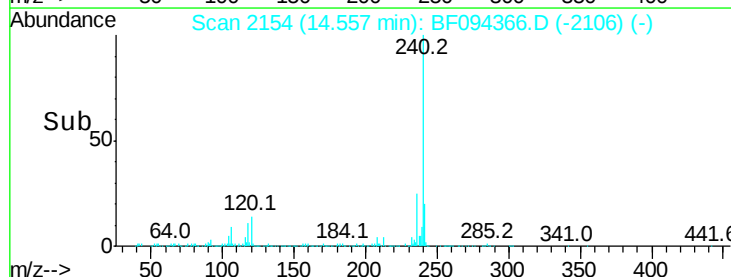
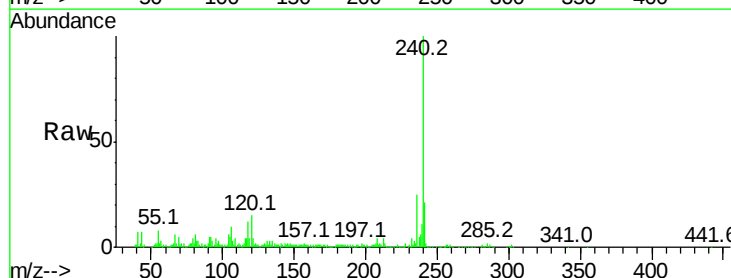
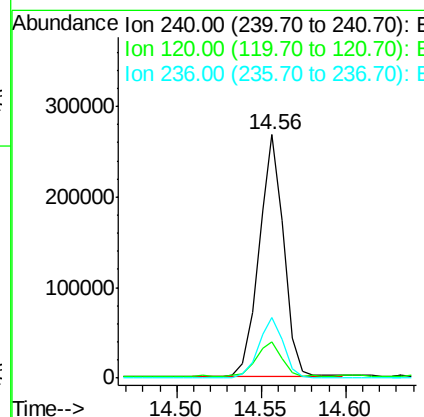
RT: 14.56 min Scan# 2154

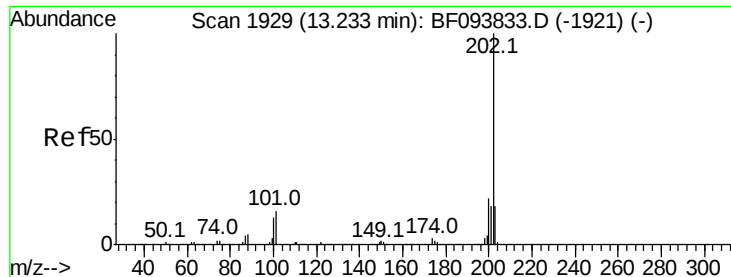
Delta R.T. -0.02 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Tgt Ion:	240	Resp:	269841
Ion Ratio	Lower	Upper	
240	100		
120	15.0	5.8	8.8#
236	24.9	20.5	30.7





#77

Pvrene

Concen: 2.01 ng

RT: 13.06 min Scan# 1900

Delta R.T. -0.03 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Instrument :

BNA_F

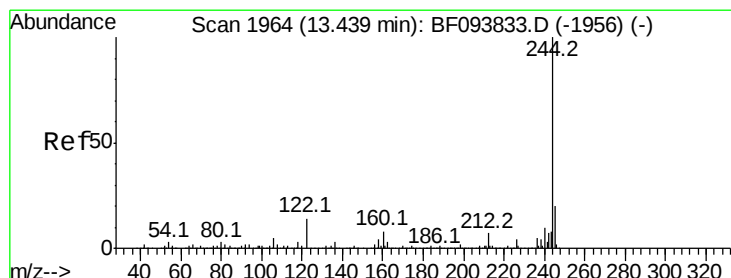
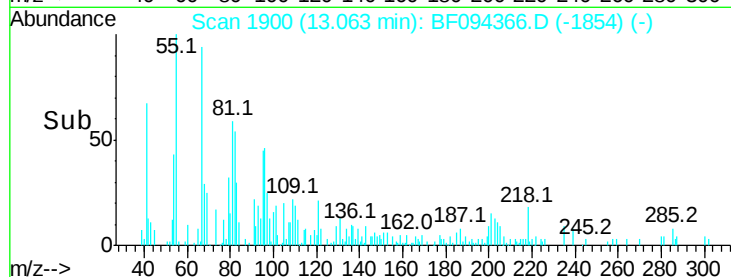
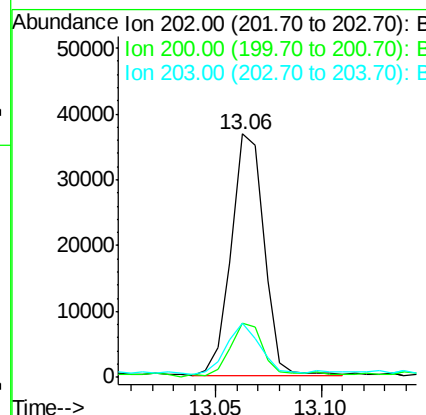
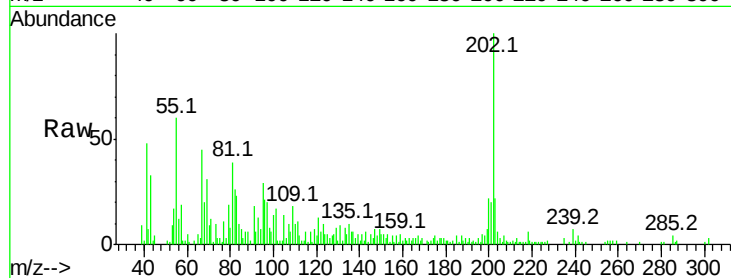
ClientSampleId :

IM-TS-WSG-04

Tot Ion:	202	Resp:	39334
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	22.0	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 51.19 ng

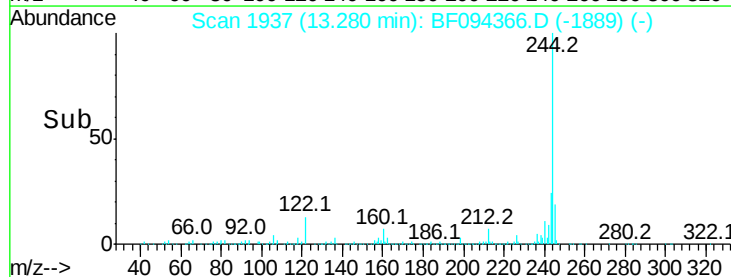
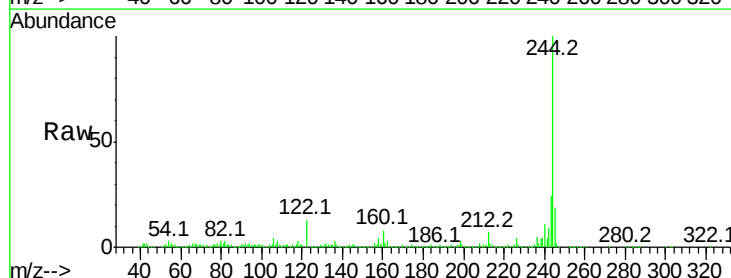
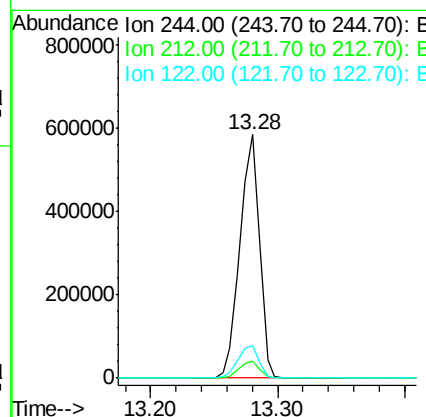
RT: 13.28 min Scan# 1937

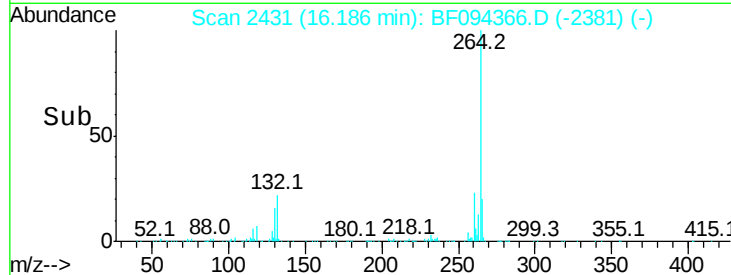
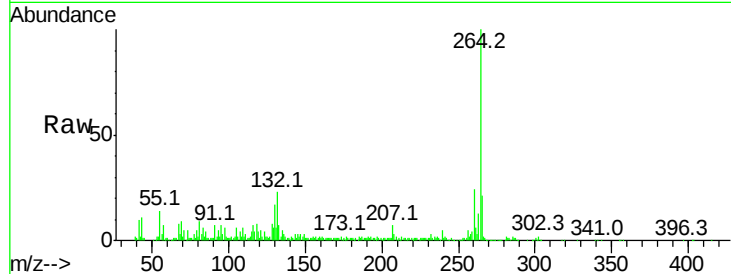
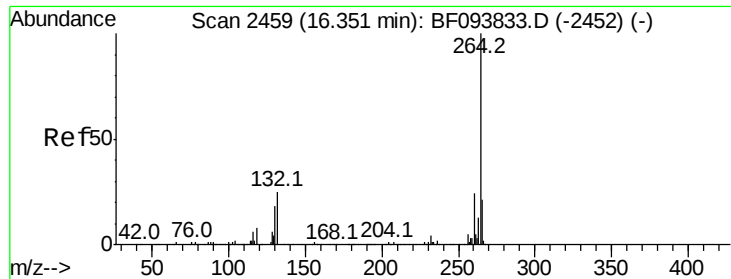
Delta R.T. -0.02 min

Lab File: BF094366.D

Acq: 11 Apr 2017 22:36

Tgt Ion:	244	Resp:	616308
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094366.D
Acq: 11 Apr 2017 22:36

Instrument :
BNA_F
ClientSampleId :
IM-TS-WSG-04

Tot Ion:	264	Resp:	217614
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	20.5	17.2	25.8

Manual Integrations
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