

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088094.D
 Acq On : 17 Jun 2016 15:44
 Operator : UM/SJ
 Sample : H3510-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Manual Integrations
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Quant Time: Jun 17 18:00:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120828	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	521496	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	236209	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	427660	20.00	ng	0.00
75) Chrysene-d12	13.85	240	261816	20.00	ng	0.00
86) Perylene-d12	15.22	264	36888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	774421	109.57	ng	0.03
7) Phenol-d6	6.35	99	879893	102.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	635416	71.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	234414	93.99	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1238504	82.18	ng	-0.01
78) Terphenyl-d14	12.80	244	898261	78.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	105785	30.80	ng	# 87
3) Pyridine	3.10	79	105882m	13.06	ng	
4) n-Nitrosodimethylamine	2.97	42	116802	34.01	ng	78
8) 2-Chlorophenol	6.49	128	332666	39.76	ng	85
9) Benzaldehyde	6.25	77	15913	2.67	ng	97
10) Phenol	6.36	94	275479	30.34	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	304050	40.48	ng	88
12) 1,3-Dichlorobenzene	6.64	146	347830m	38.75	ng	
13) 1,4-Dichlorobenzene	6.72	146	345620	38.22	ng	95
14) 1,2-Dichlorobenzene	6.87	146	328063m	39.90	ng	
15) Benzyl Alcohol	6.84	79	70583	10.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	383685	37.81	ng	64
17) 2-Methylphenol	6.97	107	253489	37.36	ng	97
18) Hexachloroethane	7.21	117	130871	40.79	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	223867	40.85	ng	# 83
20) 3+4-Methylphenols	7.13	107	308971	39.03	ng	# 80
22) Acetophenone	7.12	105	445752	38.25	ng	96
24) Nitrobenzene	7.29	77	365174	42.21	ng	98
25) Isophorone	7.53	82	638012	38.57	ng	99
26) 2-Nitrophenol	7.60	139	187516	40.47	ng	90
27) 2,4-Dimethylphenol	7.66	122	331713	38.88	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	290219	28.29	ng	99
29) 2,4-Dichlorophenol	7.85	162	290387	40.76	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	301903	38.92	ng	98
31) Naphthalene	8.01	128	1052152	40.77	ng	98
32) Benzoic acid	7.80	122	213770	45.50	ng	92
34) Hexachlorobutadiene	8.12	225	150541	36.80	ng	97
35) Caprolactam	8.46	113	77168m	32.70	ng	
36) 4-Chloro-3-methylphenol	8.56	107	298715	39.21	ng	94
37) 2-Methylnaphthalene	8.70	142	651197	38.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	282909	46.57	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	203142	53.32	ng	97
42) 2,4,6-Trichlorophenol	8.98	196	195067	41.30	ng	97
43) 2,4,5-Trichlorophenol	9.04	196	187983	38.25	ng	100

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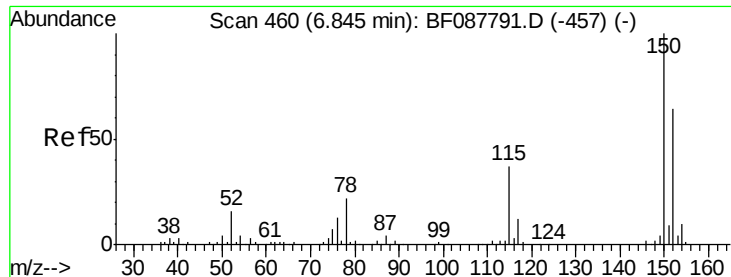
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.16	154	786850	44.28	nq	98
46) 2-Chloronaphthalene	9.19	162	619242	40.51	nq	98
47) 2-Nitroaniline	9.29	65	102224	22.67	nq #	64
48) Acenaphthylene	9.60	152	774616	31.86	nq	100
49) Dimethylphthalate	9.47	163	698328	40.81	nq	99
50) 2,6-Dinitrotoluene	9.53	165	173842	44.36	nq #	59
51) Acenaphthene	9.77	154	535300	35.29	nq	98
53) 2,4-Dinitrophenol	9.82	184	164602	77.32	nq #	83
54) Dibenzofuran	9.94	168	734781	35.18	nq #	88
55) 4-Nitrophenol	9.88	139	200013	56.99	nq #	75
56) 2,4-Dinitrotoluene	9.94	165	207529	41.21	nq #	71
57) Fluorene	10.28	166	579763	40.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	149700	38.76	nq #	54
59) Diethylphthalate	10.17	149	684370	39.51	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	269593	38.81	nq #	84
61) 4-Nitroaniline	10.31	138	45853	10.69	nq	97
62) Azobenzene	10.43	77	591483	34.53	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	107553	40.63	nq	96
65) n-Nitrosodiphenylamine	10.40	169	68896	4.86	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	175391	38.23	nq #	85
67) Hexachlorobenzene	10.83	284	200373	42.03	nq #	78
69) Pentachlorophenol	11.03	266	180498	71.83	nq	97
70) Phenanthrene	11.24	178	972960	43.36	nq	99
71) Anthracene	11.29	178	801105	35.39	nq	100
72) Carbazole	11.45	167	123495	5.83	nq	97
73) Di-n-butylphthalate	11.78	149	1010628	37.69	nq	100
74) Fluoranthene	12.42	202	800972	33.82	nq	99
77) Pylene	12.65	202	807431	41.56	nq	99
79) Butylbenzylphthalate	13.28	149	425371	49.52	nq	91
80) Benzo(a)anthracene	13.84	228	559985	37.53	nq	99
82) Chrysene	13.87	228	631419	44.98	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	518515	49.59	nq #	98
84) Di-n-octyl phthalate	14.45	149	902668	53.13	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	357515	27.41	nq #	100
87) Benzo(b)fluoranthene	14.85	252	543222m	211.28	nq	
88) Benzo(k)fluoranthene	14.87	252	469466m	242.06	nq	
89) Benzo(a)pyrene	15.17	252	321234	154.43	nq	97
90) Dibenzo(a,h)anthracene	16.55	278	423724	219.32	nq	99
91) Benzo(g,h,i)perylene	16.93	276	280555	141.17	nq	98

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



#1

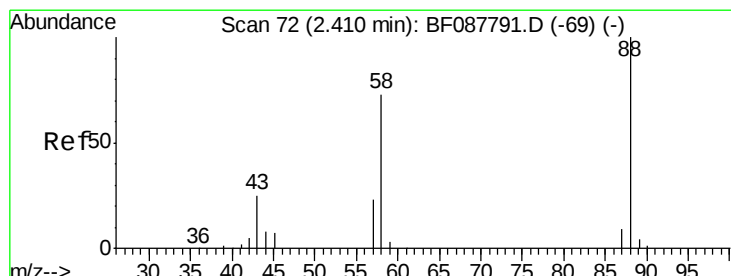
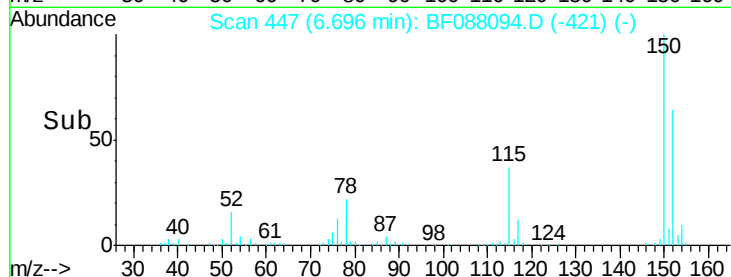
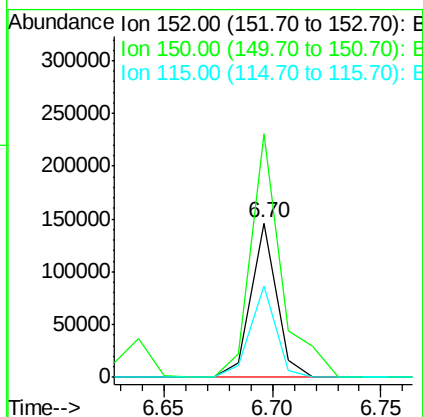
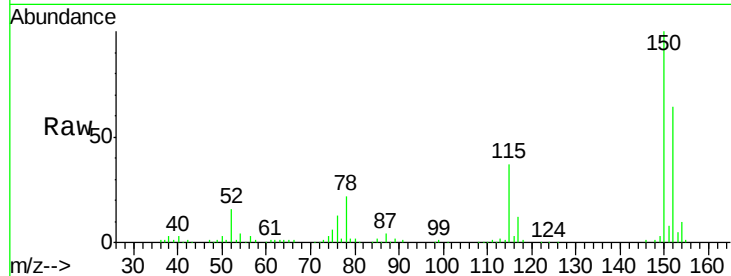
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	58.8	39.6	59.4

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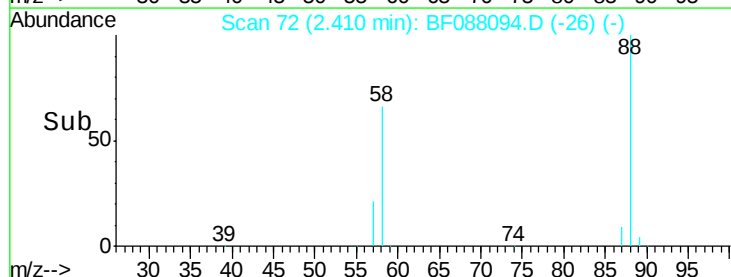
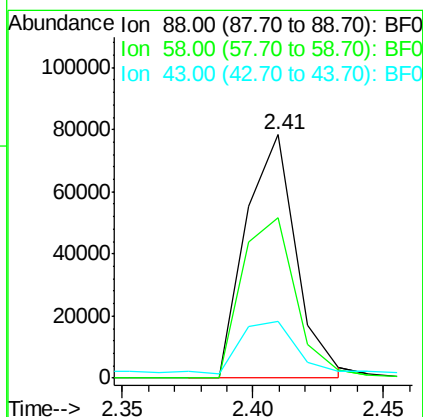
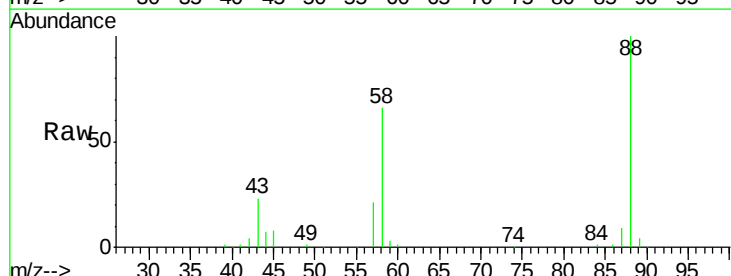
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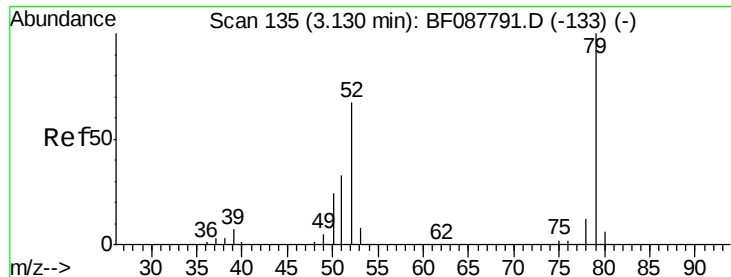


#2

1,4-Dioxane
Concen: 30.80 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.23 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	0.0	0.0#
43	0.0	3.4	5.2#





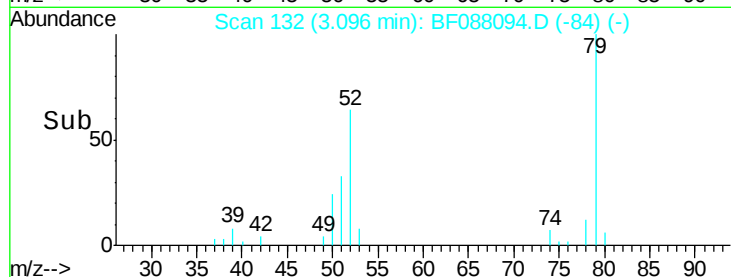
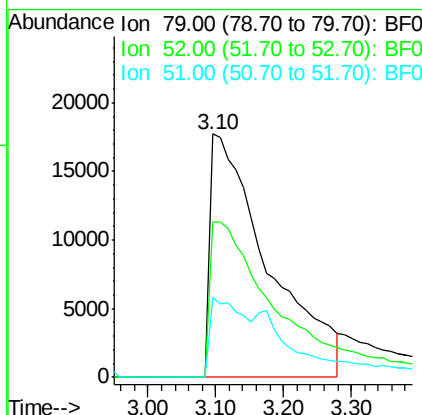
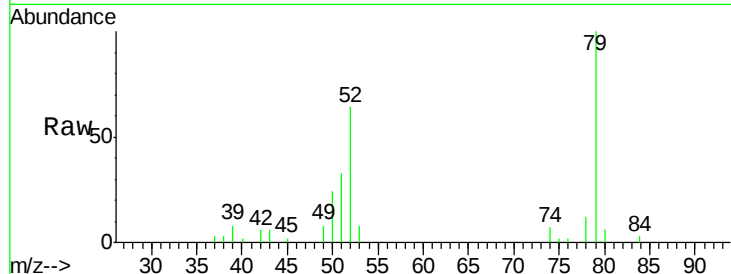
#3
 Pvridine
 Concen: 13.06 ng/ml
 RT: 3.10 min Scan# 132
 Delta R.T. 0.25 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion:	79	Resp:	105882
Ion Ratio	Lower	Upper	
79	100		
52	63.9	56.3	84.5
51	32.5	27.4	41.2

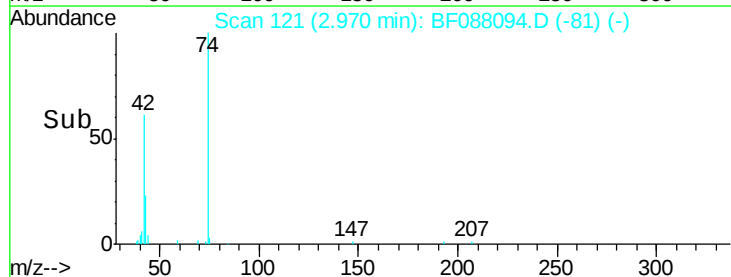
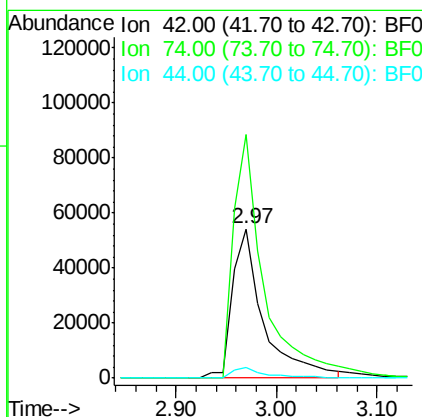
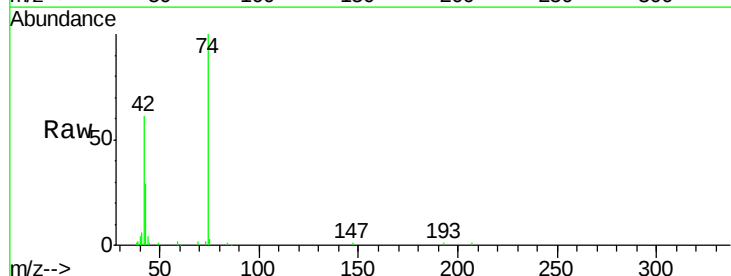
Manual Integrations
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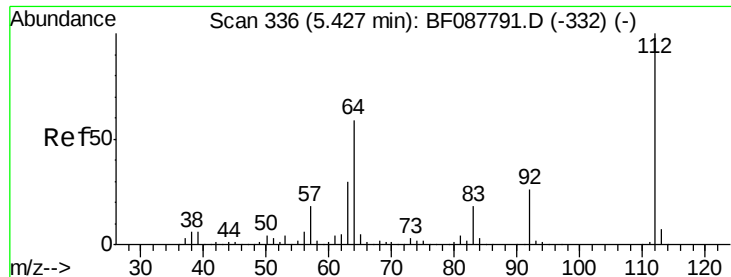
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#4
 n-Nitrosodimethylamine
 Concen: 34.01 ng
 RT: 2.97 min Scan# 121
 Delta R.T. 0.16 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion:	42	Resp:	116802
Ion Ratio	Lower	Upper	
42	100		
74	162.9	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 109.57 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.03 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

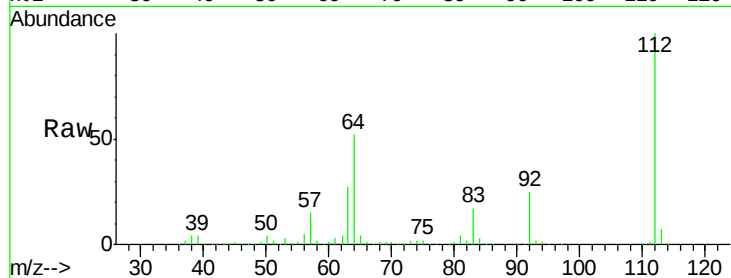
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	112	Resp:	774421
Ion Ratio	Lower	Upper	
112	100		
64	51.9	42.2	63.2
63	26.6	21.8	32.8

Manual Integrations
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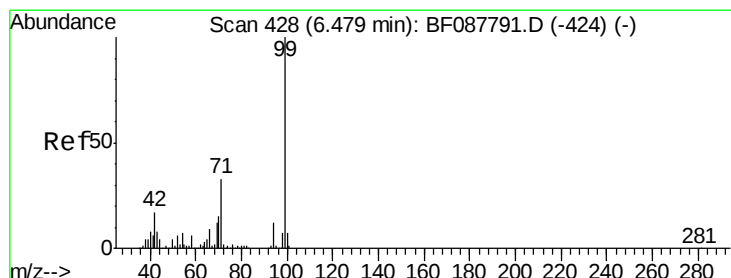
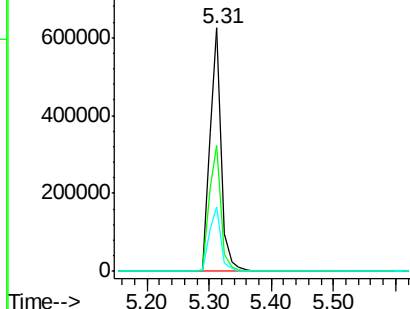
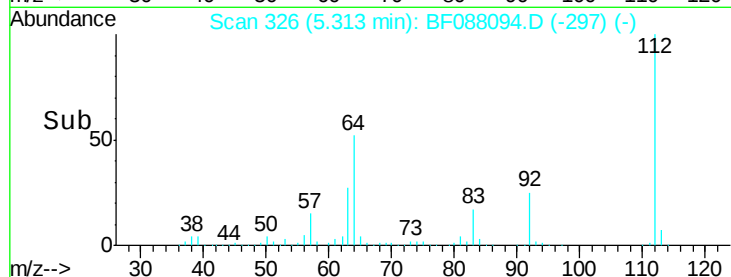
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 102.72 ng

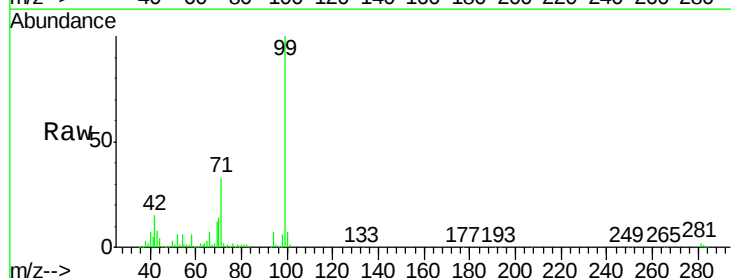
RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

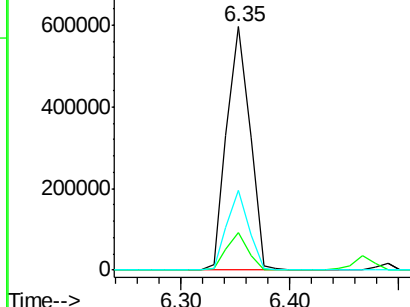
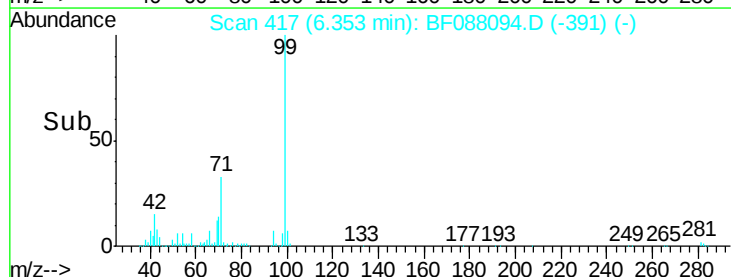
Tgt Ion:	99	Resp:	879893
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.2	18.2
71	32.9	23.4	35.0

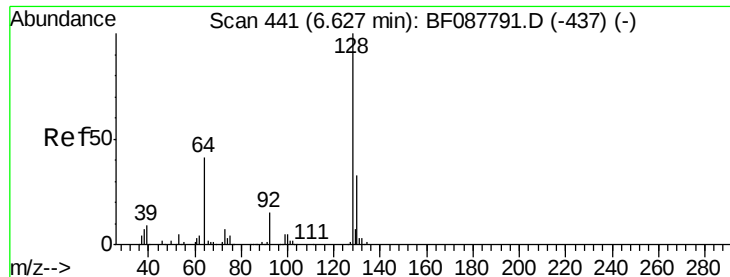


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 39.76 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

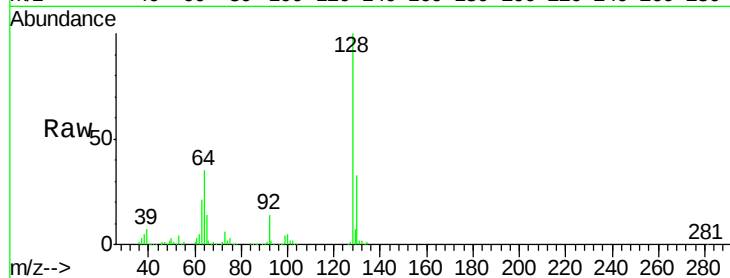
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	128	Resp:	332666
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	35.3	30.8	70.8

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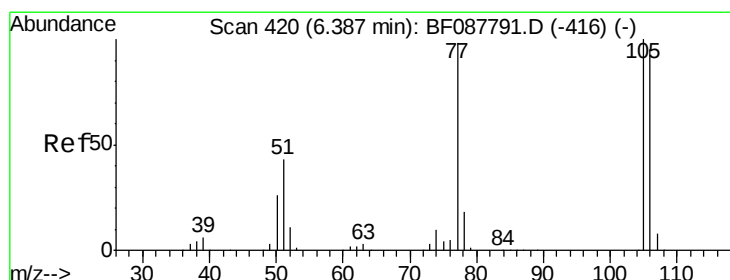
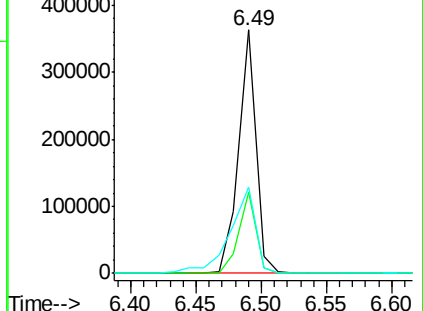
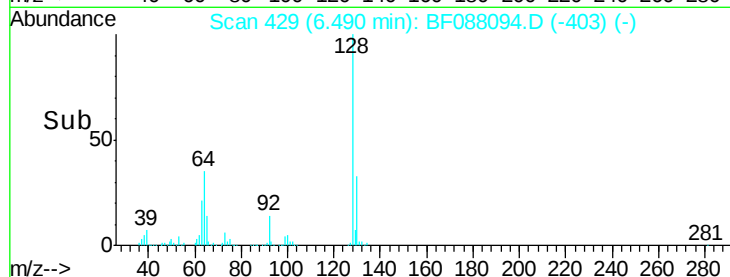


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

Time-->



#9

Benzaldehyde

Concen: 2.67 ng

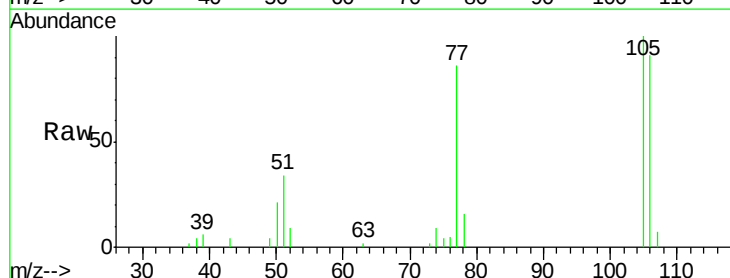
RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF088094.D

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Tgt Ion:	77	Resp:	15913
Ion Ratio	Lower	Upper	
77	100		
105	116.4	90.6	130.6
106	106.2	85.3	125.3

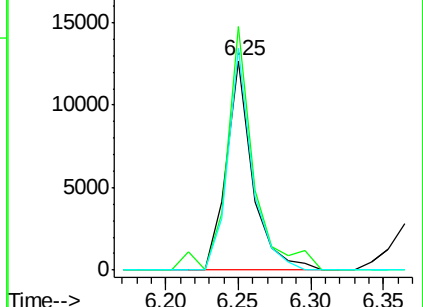
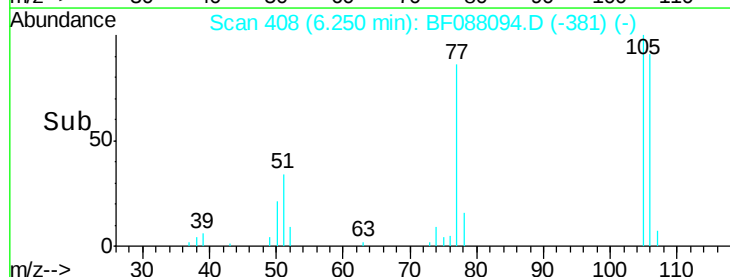


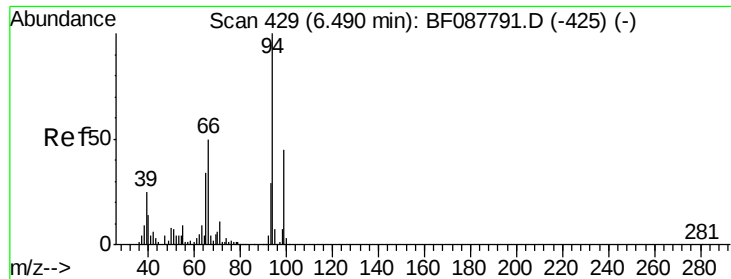
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

Time-->





#10

Phenol

Concen: 30.34 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

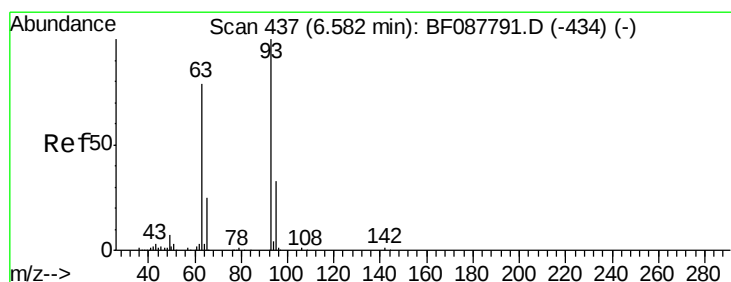
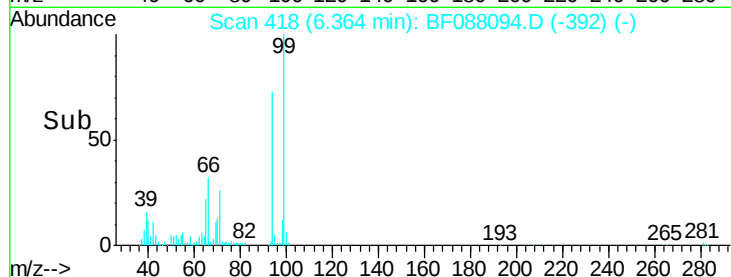
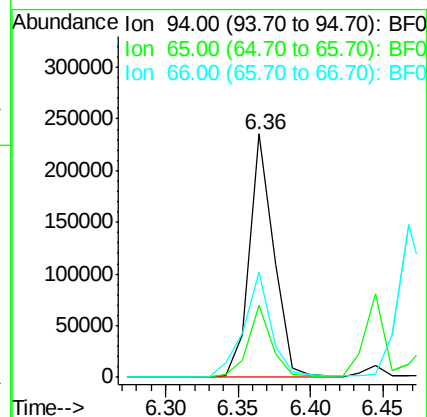
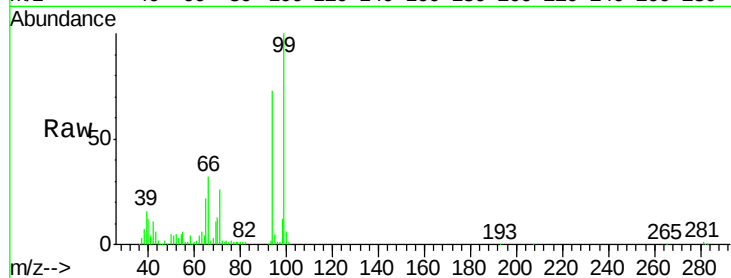
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	94	Resp:	275479
Ion Ratio	Lower	Upper	
94	100		
65	29.5	5.9	45.9
66	43.2	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 40.48 ng

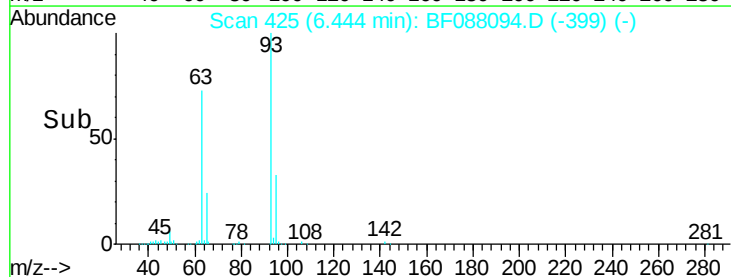
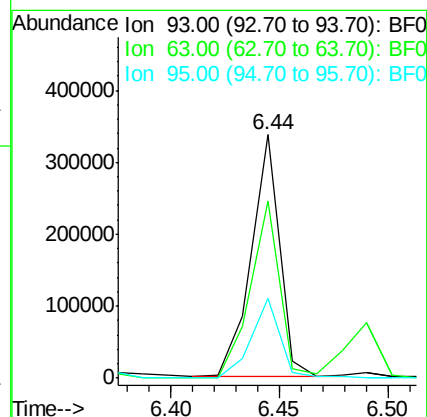
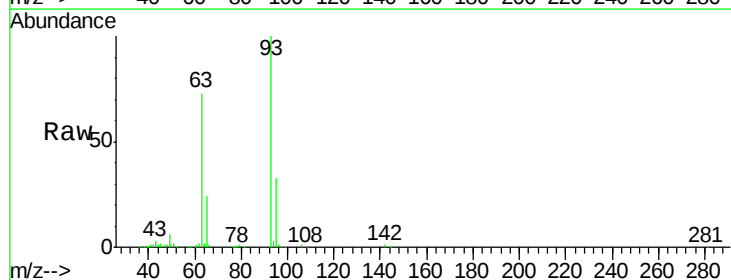
RT: 6.44 min Scan# 425

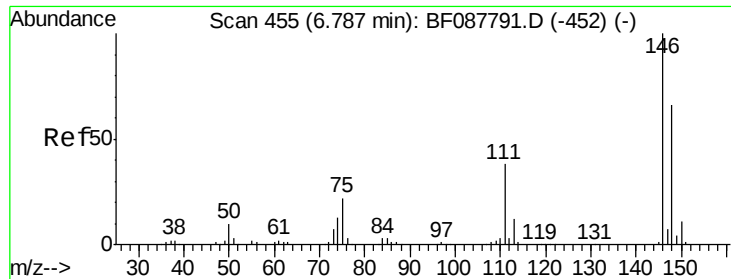
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	93	Resp:	304050
Ion Ratio	Lower	Upper	
93	100		
63	72.6	67.6	107.6
95	32.7	12.5	52.5





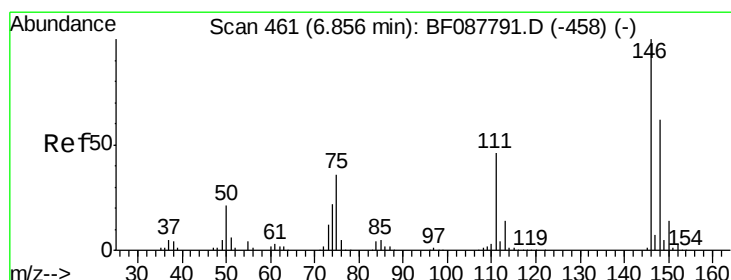
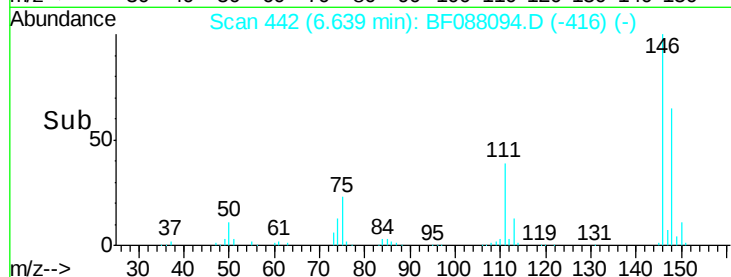
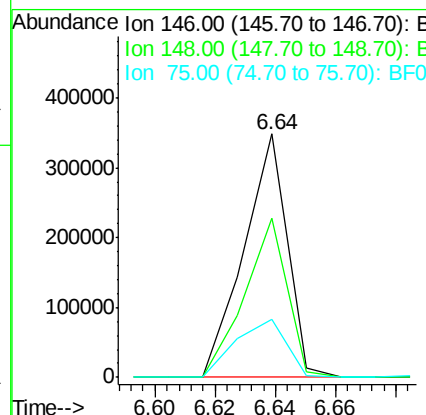
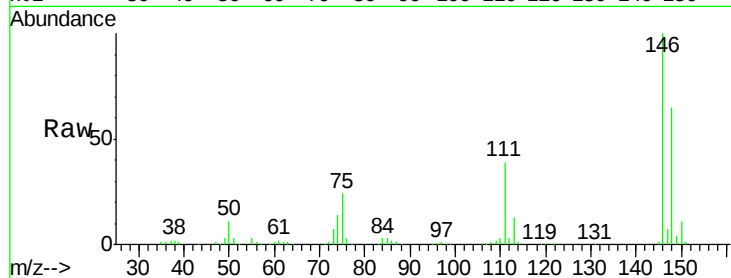
#12
 1,3-Dichlorobenzene
 Concen: 38.75 ng/ml
 RT: 6.64 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	23.6	25.6	38.4

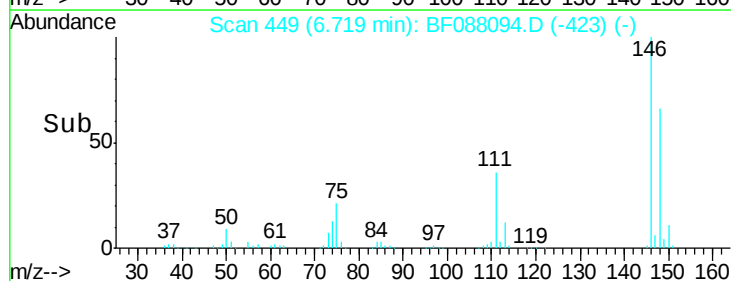
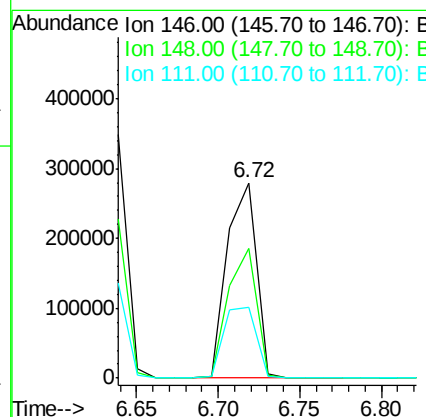
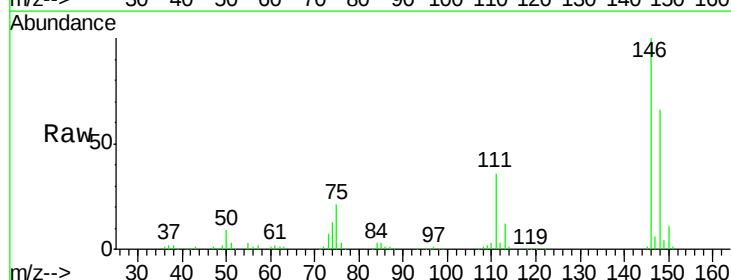
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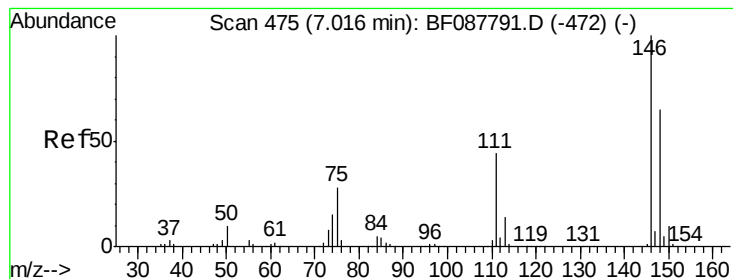
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#13
 1,4-Dichlorobenzene
 Concen: 38.22 ng/ml
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.0	78.0
111	36.5	33.8	50.8





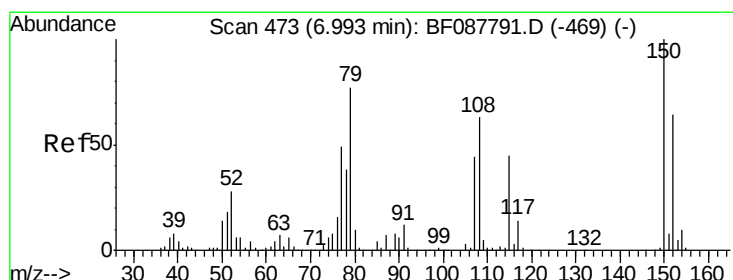
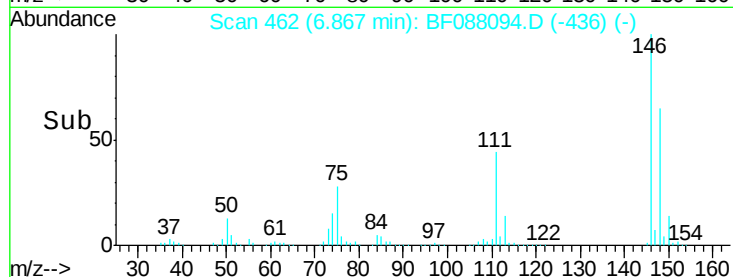
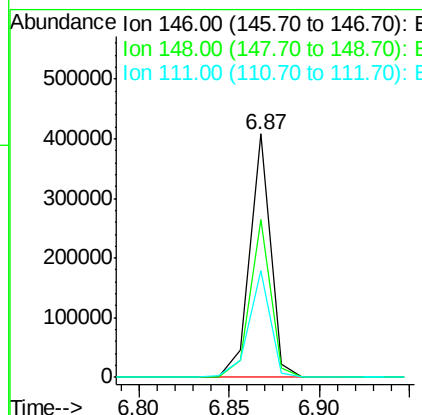
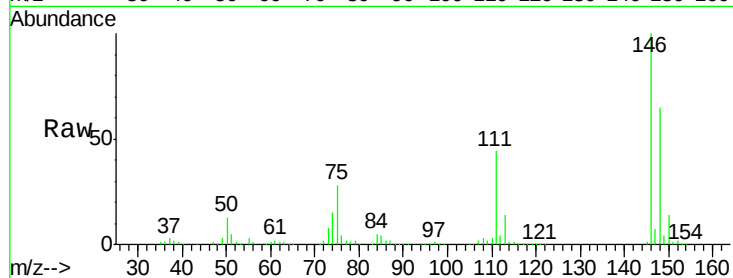
#14
 1,2-Dichlorobenzene
 Concen: 39.90 ng/mL
 RT: 6.87 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleID :
 HSR-WC-52-060916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.7	52.3	78.5		
111	43.6	28.7	43.1		

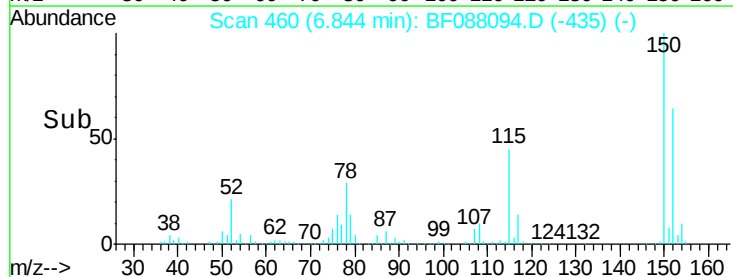
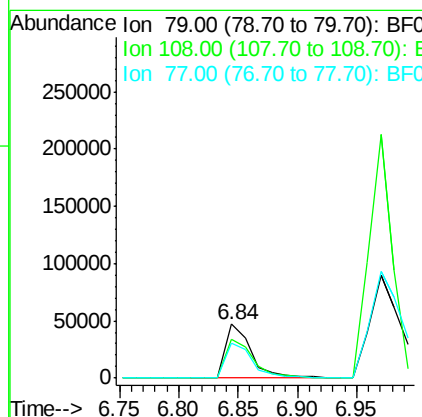
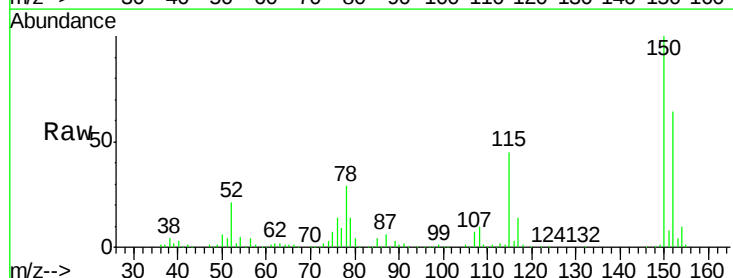
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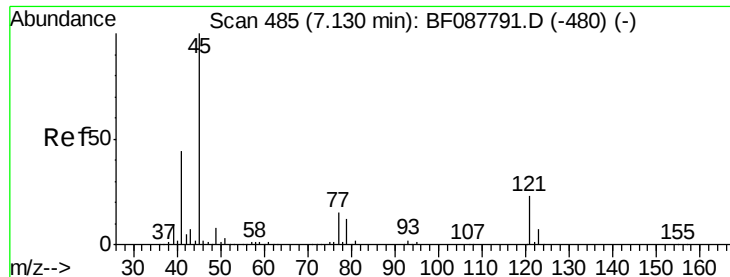
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#15
 Benzyl Alcohol
 Concen: 10.53 ng/mL
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	71.5	65.0	97.6		
77	65.6	50.3	75.5		





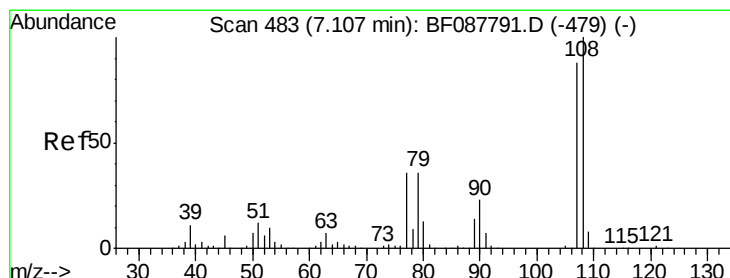
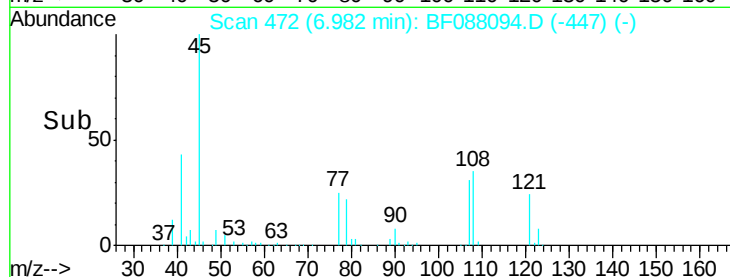
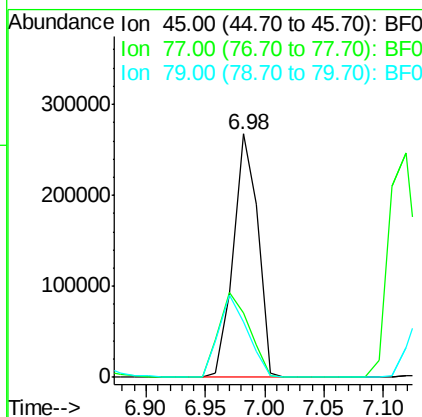
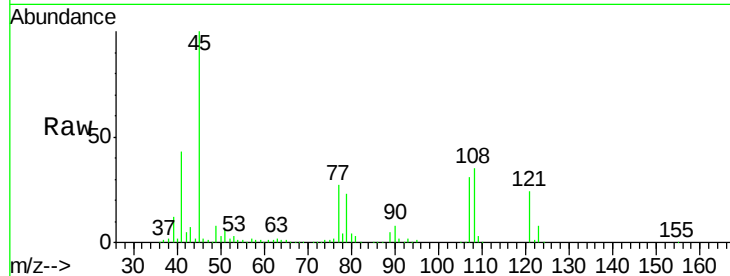
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.81 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100	383685		
77	26.5	0.0	32.5	
79	22.9	0.0	29.5	

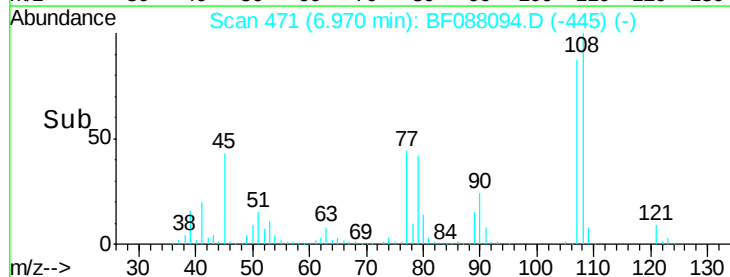
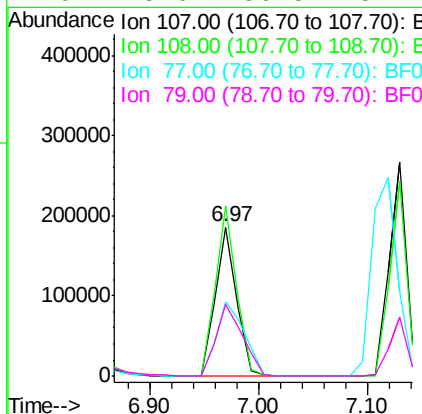
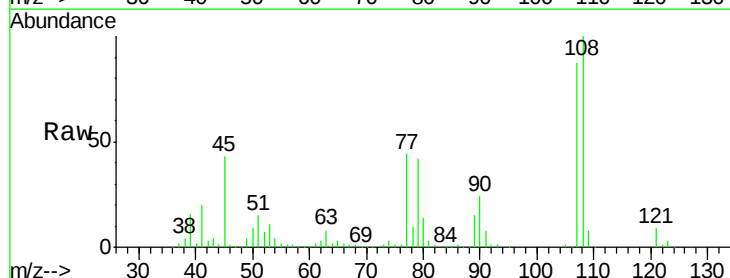
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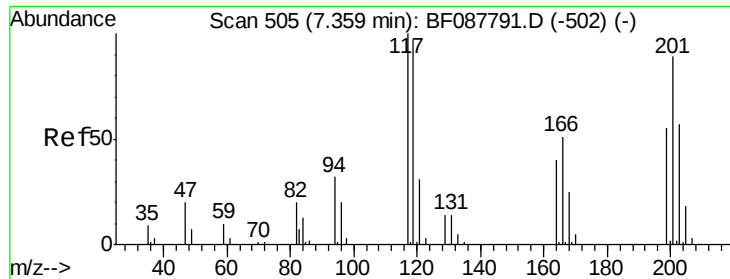
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#17
2-Methylphenol
Concen: 37.36 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	253489		
108	114.4	90.9	136.3	
77	50.0	36.6	55.0	
79	48.6	36.5	54.7	





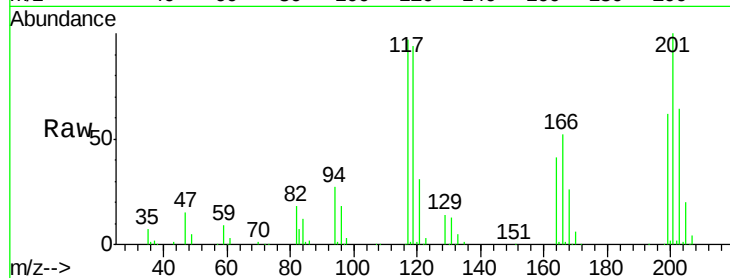
#18
Hexachloroethane
Concen: 40.79 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	130871		
119	96.7	77.4	116.2	
201	102.6	80.4	120.6	

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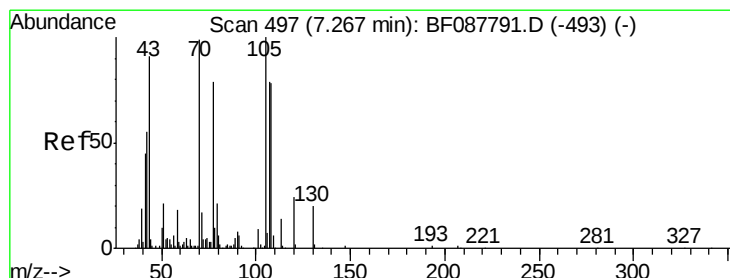
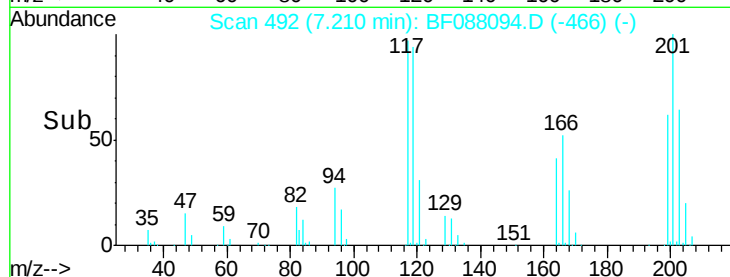
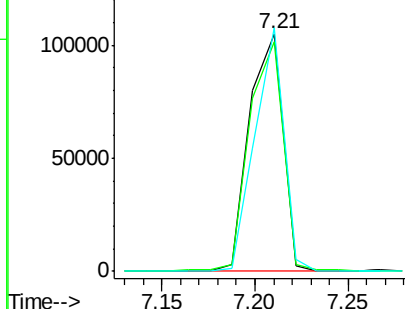


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 40.85 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	223867		
42	47.0	49.6	74.4#	
101	10.3	7.1	10.7	
130	25.2	15.4	23.2#	

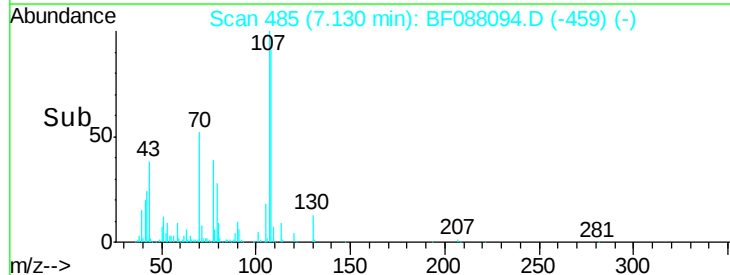
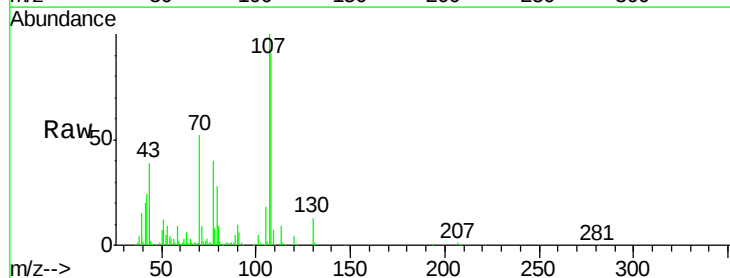
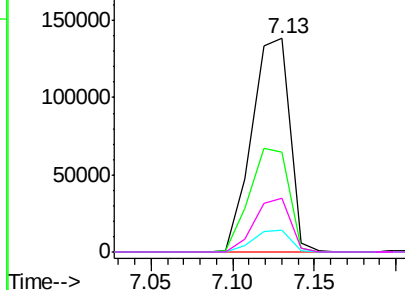
Abundance

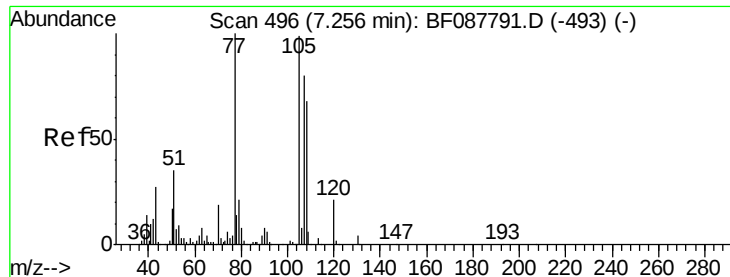
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 39.03 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

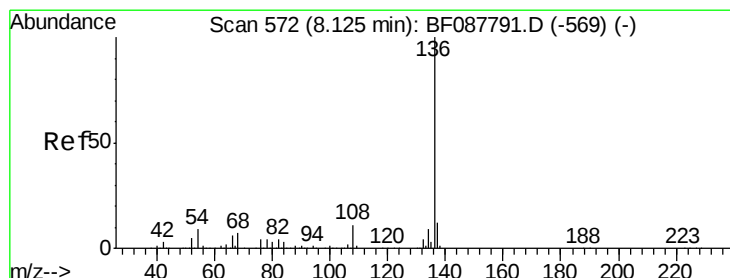
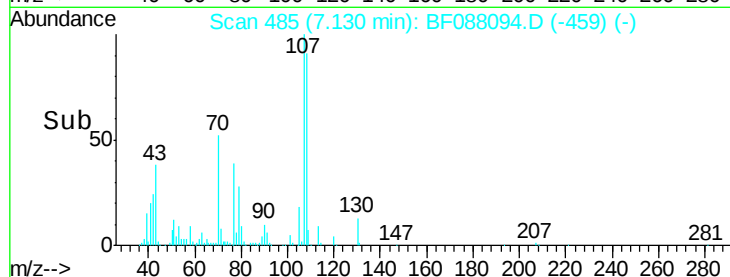
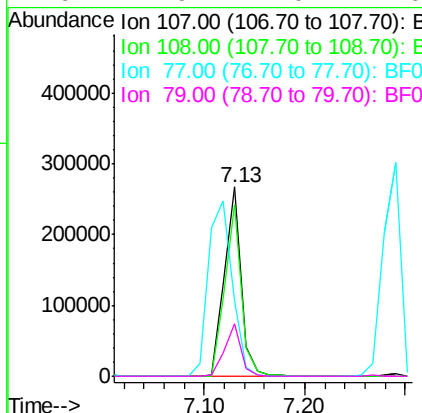
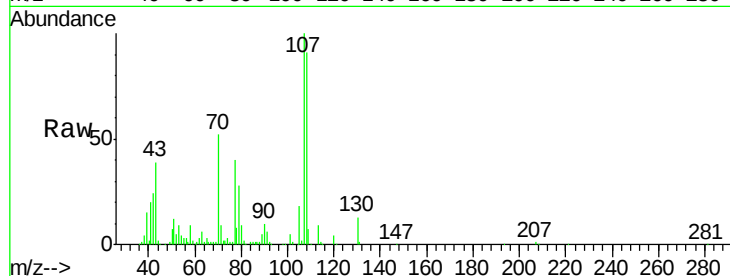
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion	107	Resp	308971
Ion Ratio	Lower	Upper	
107	100		
108	91.1	67.8	107.8
77	39.7	59.3	99.3#
79	27.9	7.0	47.0

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#21

Naphthalene-d8

Concen: 20.00 ng

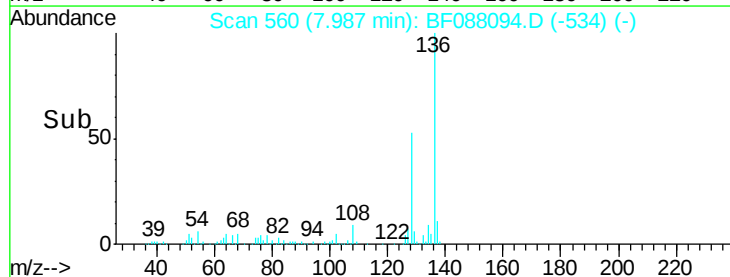
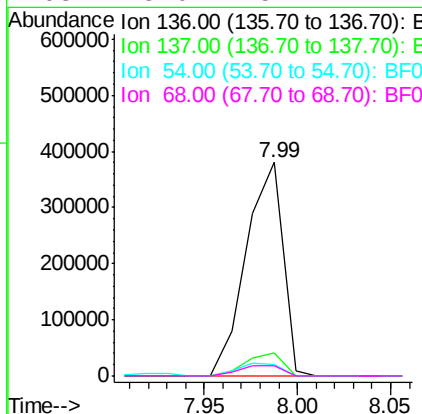
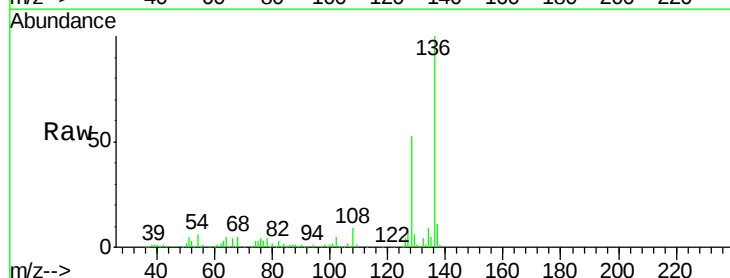
RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion	136	Resp	521496
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	5.0	5.1	7.7#





#22

Acetophenone

Concen: 38.25 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF088094.D

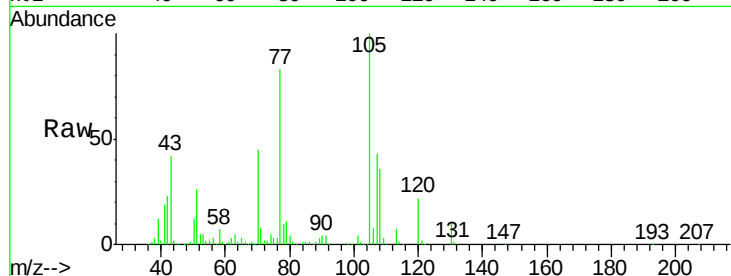
Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

ClientSampleId :

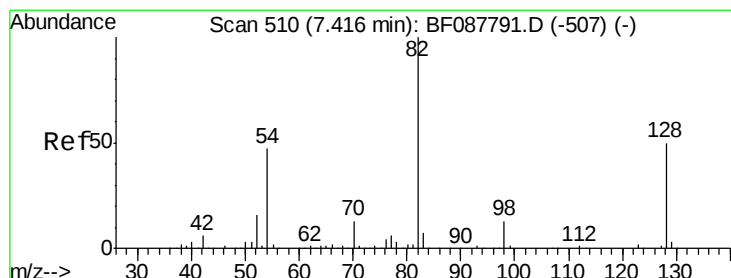
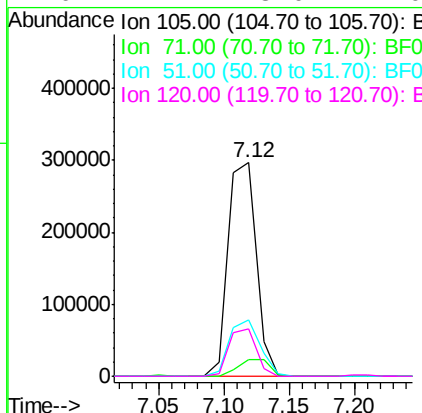
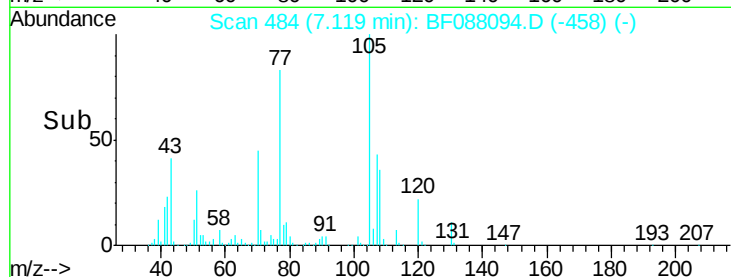
HSR-WC-52-060916MSD



Tot Ion:	105	Resp:	445752
Ion Ratio	Lower	Upper	
105	100		
71	7.6	5.3	7.9
51	26.1	18.2	27.4
120	22.1	18.0	27.0

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#23

Nitrobenzene-d5

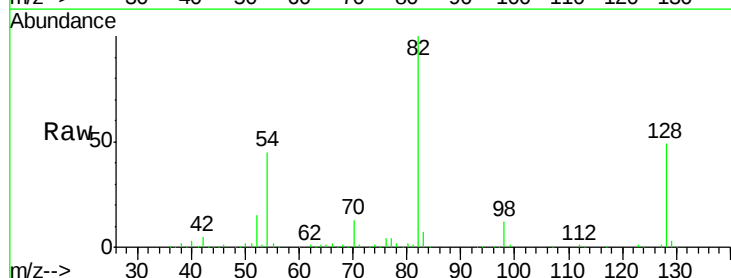
Concen: 71.15 ng

RT: 7.27 min Scan# 497

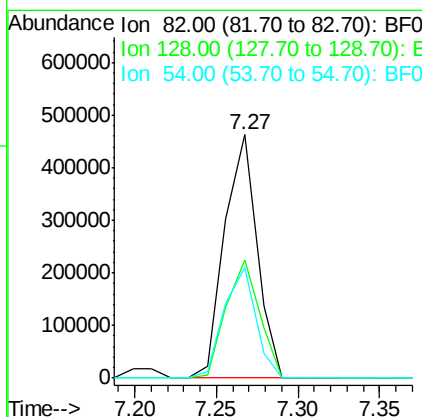
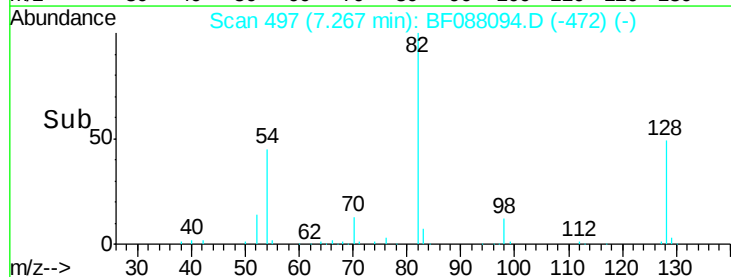
Delta R.T. -0.01 min

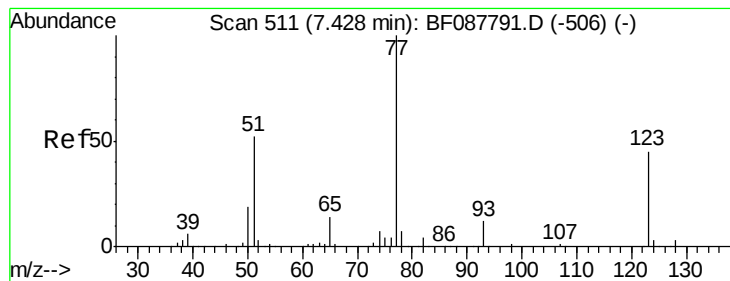
Lab File: BF088094.D

Acq: 17 Jun 2016 15:44



Tgt Ion:	82	Resp:	635416
Ion Ratio	Lower	Upper	
82	100		
128	48.5	35.9	53.9
54	45.5	40.9	61.3





#24

Nitrobenzene

Concen: 42.21 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

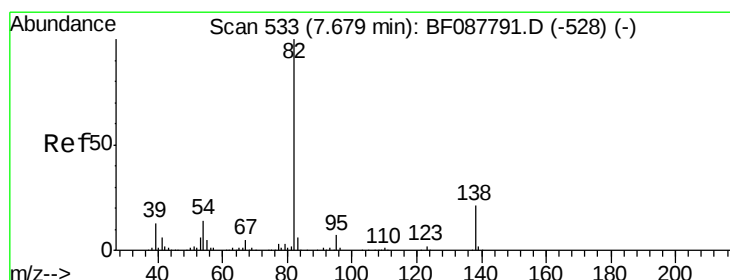
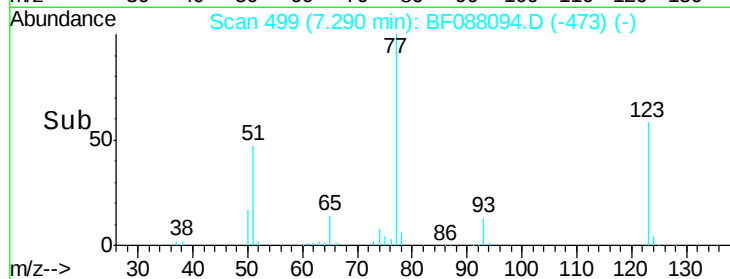
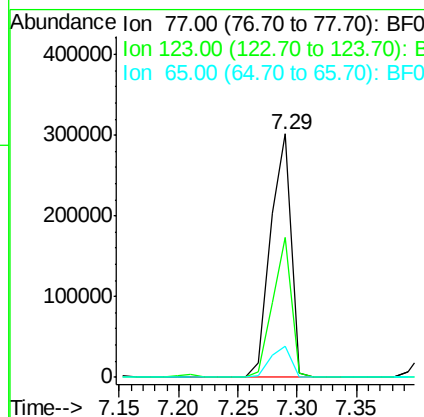
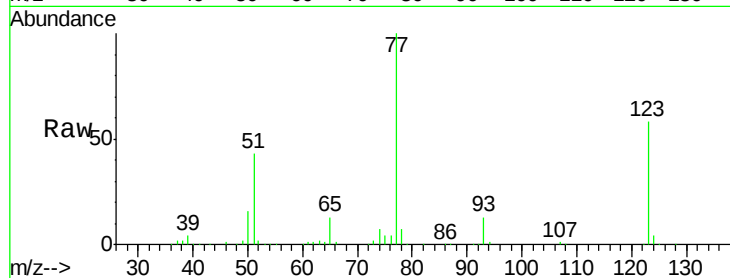
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	77	Resp:	365174
Ion Ratio	Lower	Upper	
77	100		
123	57.6	45.0	67.4
65	12.7	10.2	15.2

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#25

Isophorone

Concen: 38.57 ng

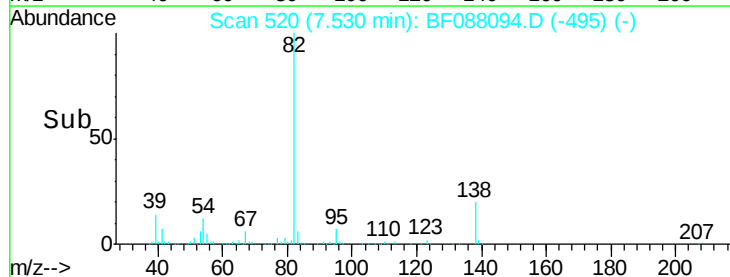
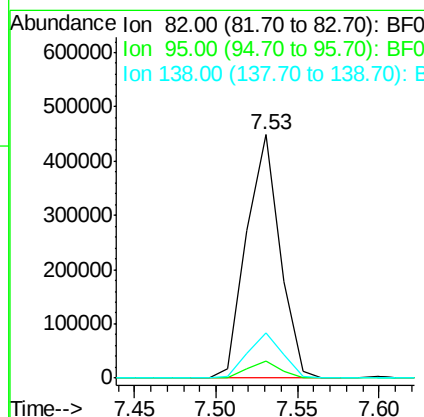
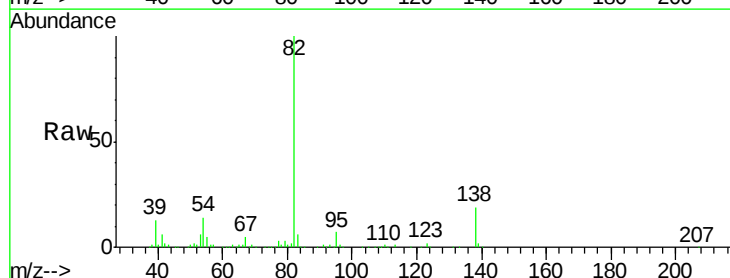
RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	82	Resp:	638012
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.7	14.6	21.8





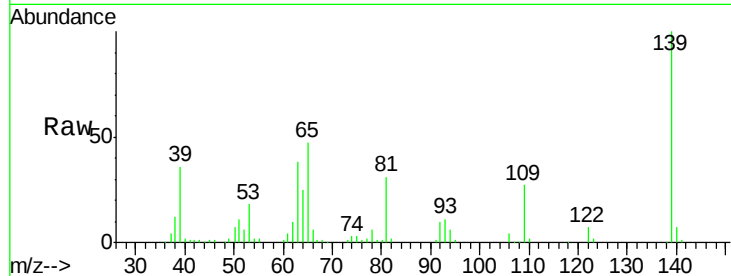
#26
2-Nitrophenol
Concen: 40.47 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampled :
HSR-WC-52-060916MSD

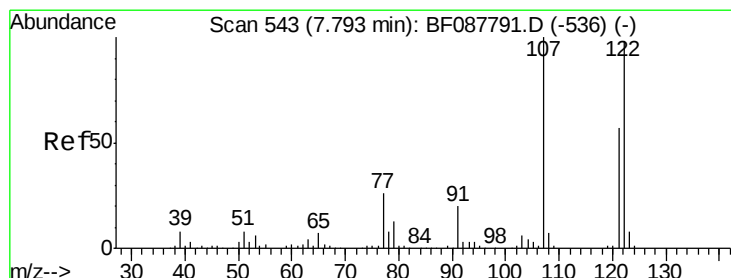
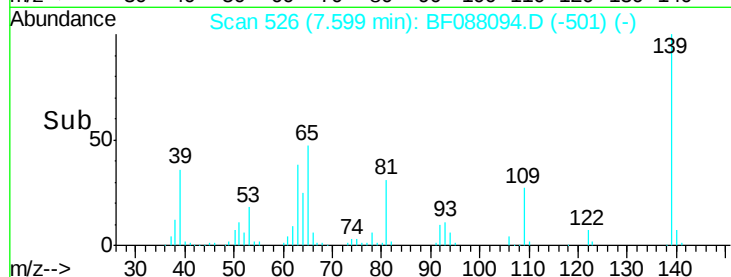
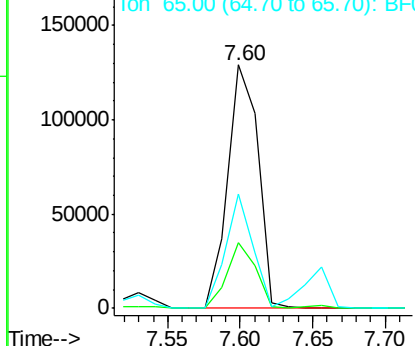
Tot Ion	Ratio	Resp	Lower	Upper
139	100	187516		
109	26.8	23.0	34.4	
65	47.0	45.8	68.8	

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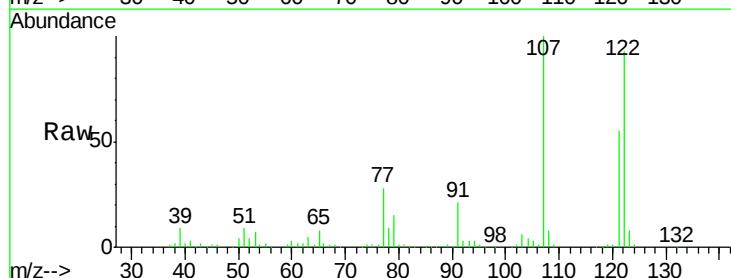


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

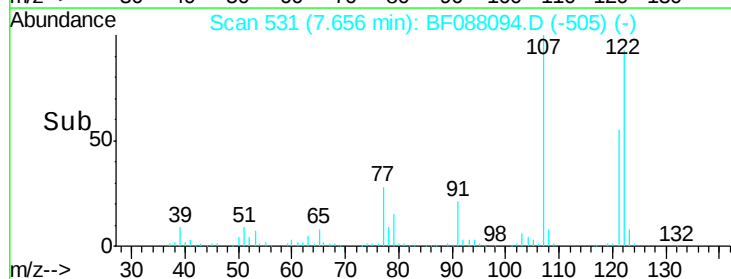
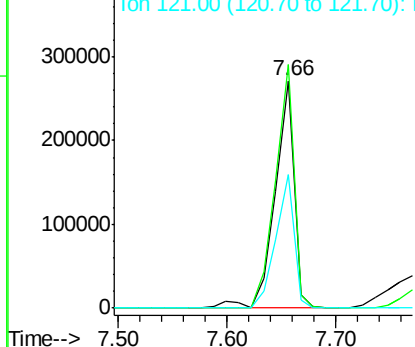


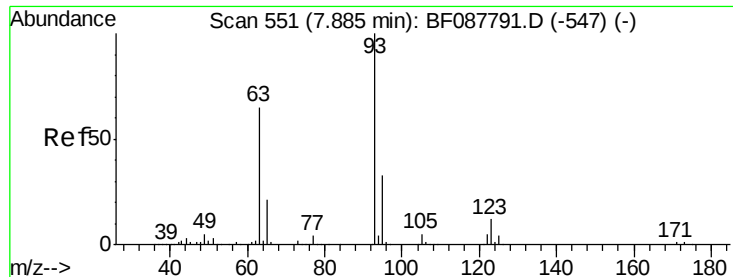
#27
2,4-Dimethylphenol
Concen: 38.88 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	331713		
107	107.0	82.4	123.6	
121	58.5	46.3	69.5	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 28.29 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

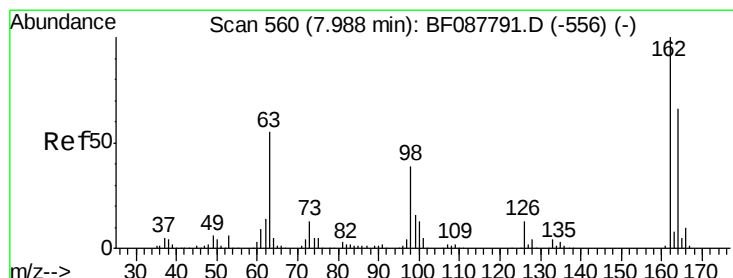
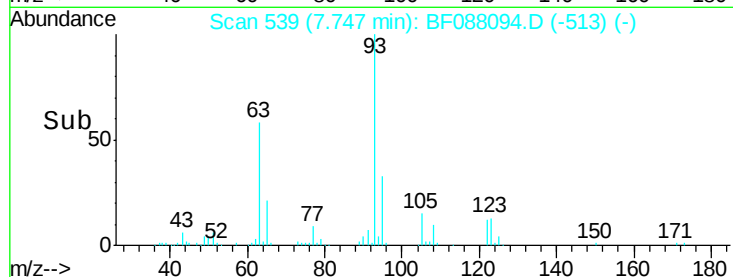
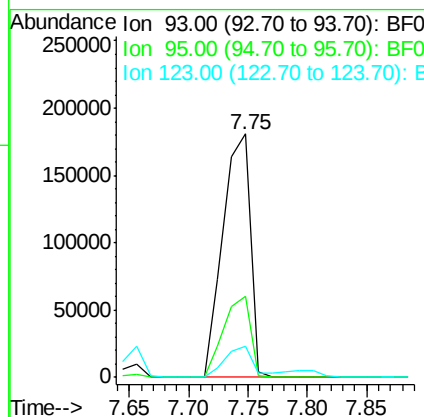
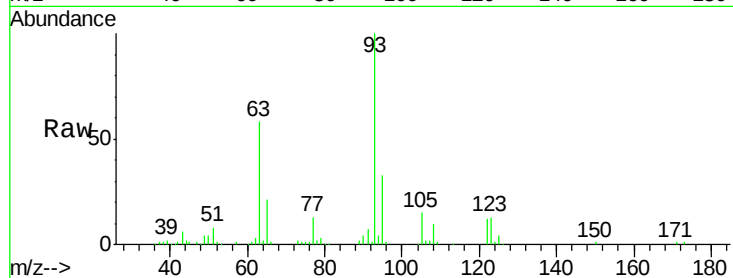
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	93	Resp:	290219
Ion Ratio		Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.9	11.6	17.4

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#29

2,4-Dichlorophenol

Concen: 40.76 ng

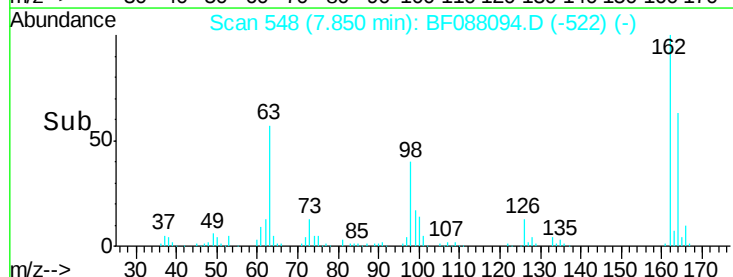
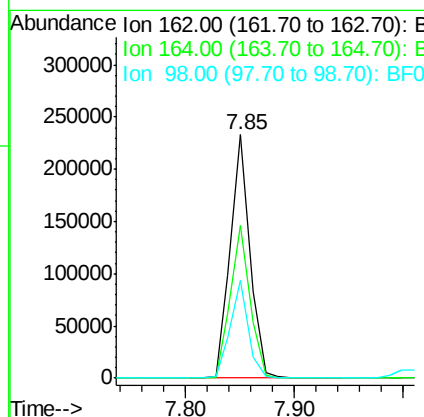
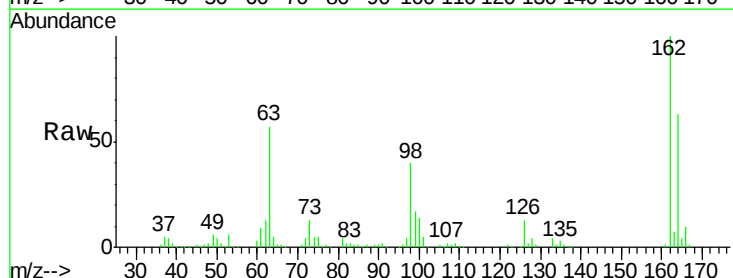
RT: 7.85 min Scan# 548

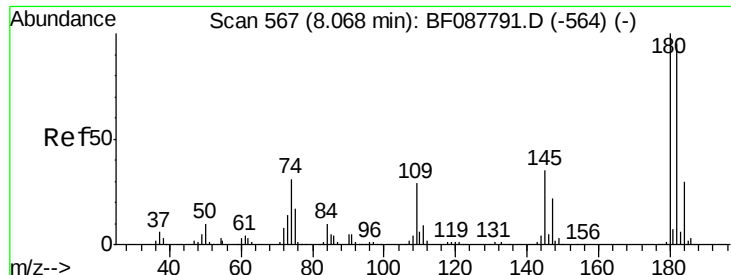
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	162	Resp:	290387
Ion Ratio		Lower	Upper
162	100		
164	62.9	43.8	83.8
98	40.1	21.3	61.3





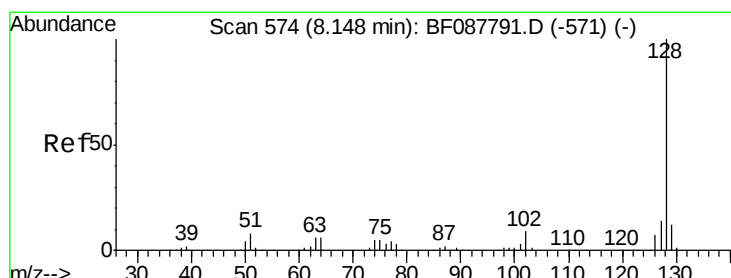
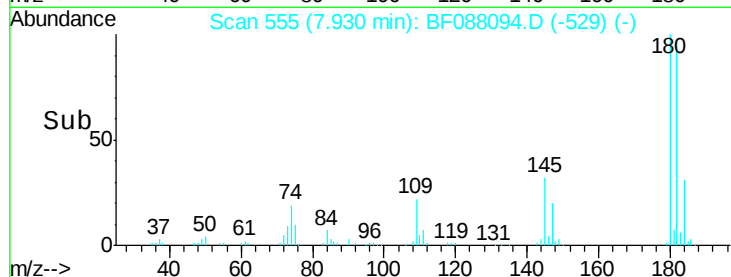
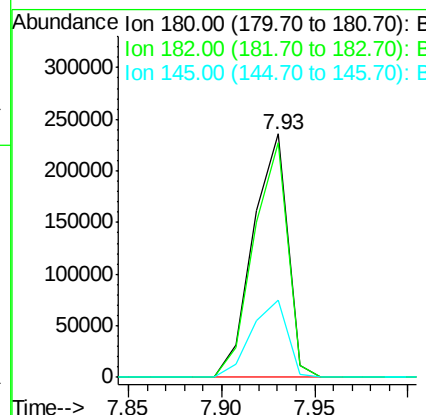
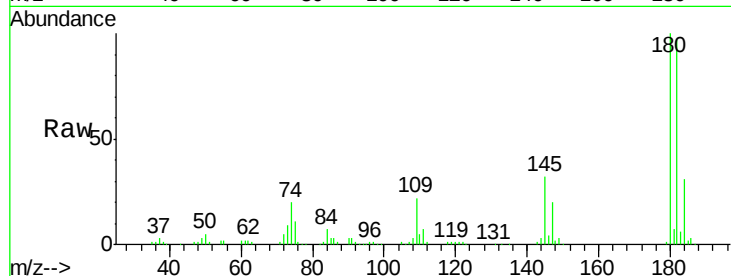
#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	301903		
182	96.6	76.0	114.0	
145	31.5	26.5	39.7	

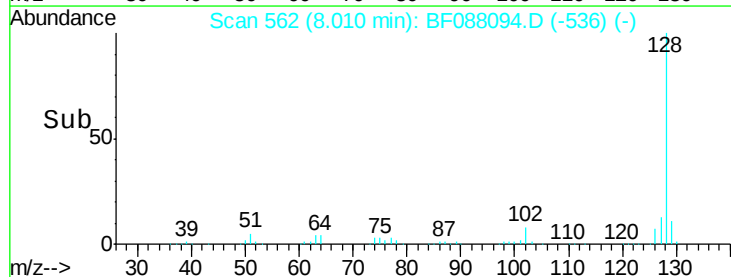
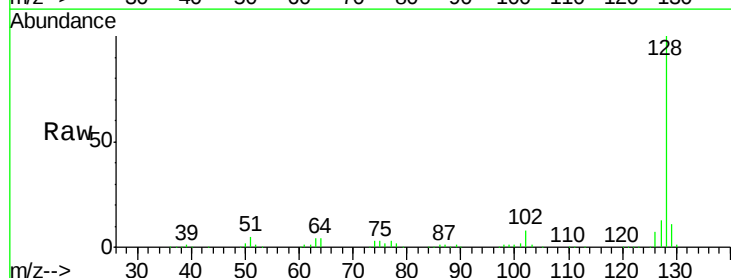
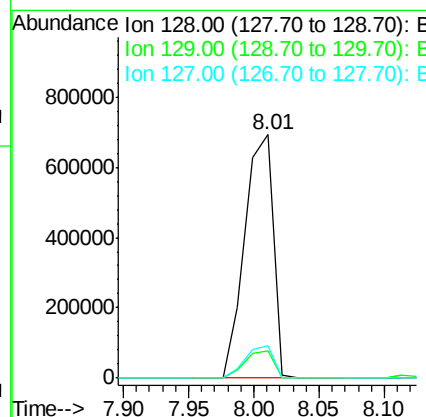
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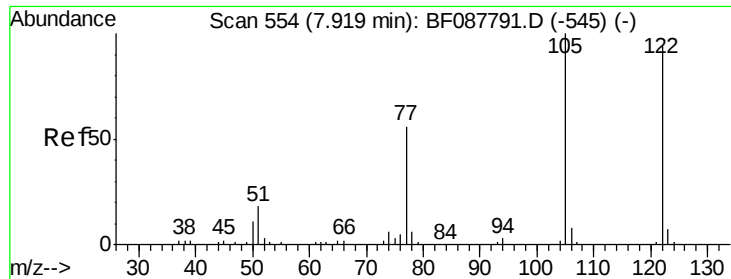
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#31
 Naphthalene
 Concen: 40.77 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1052152		
129	11.0	9.4	14.2	
127	13.1	10.9	16.3	





#32

Benzoic acid

Concen: 45.50 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

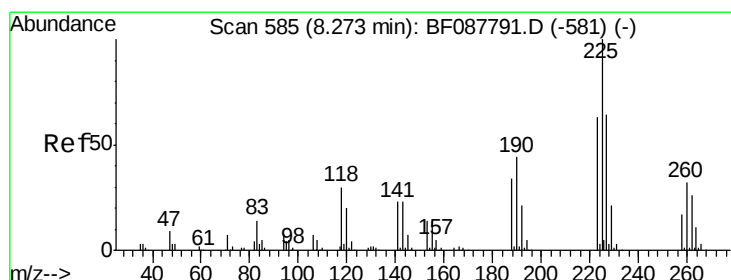
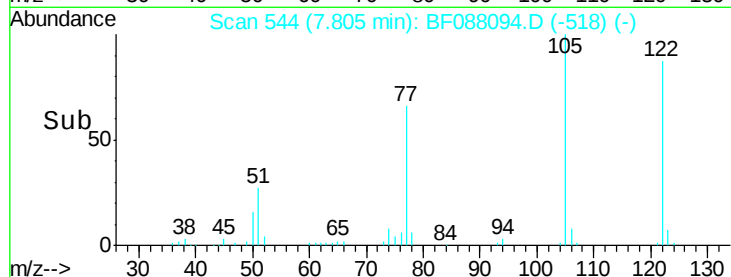
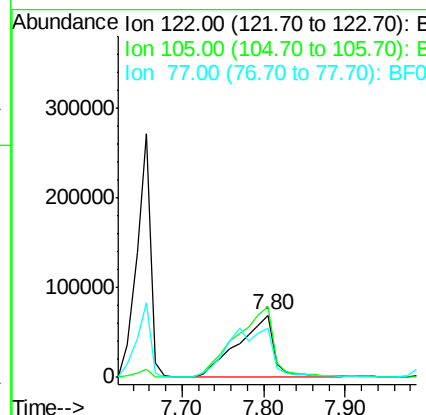
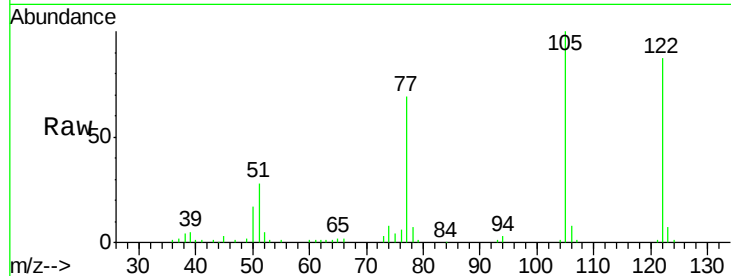
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	122	Resp:	213770
Ion Ratio	Lower	Upper	
122	100		
105	115.1	101.6	141.6
77	79.8	70.6	110.6

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#34

Hexachlorobutadiene

Concen: 36.80 ng

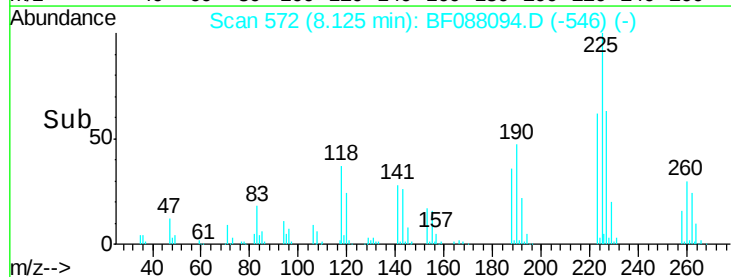
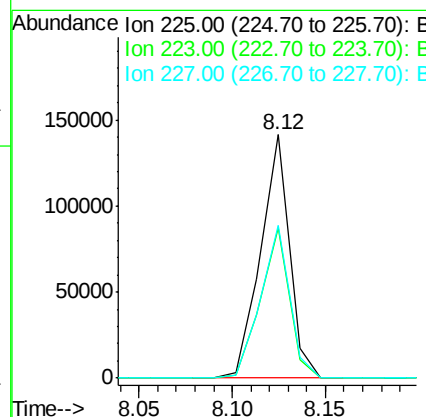
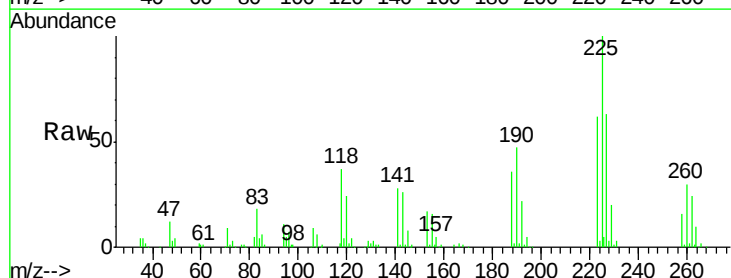
RT: 8.12 min Scan# 572

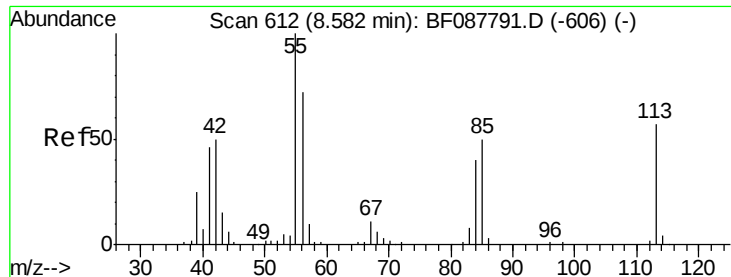
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	225	Resp:	150541
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.9	76.3
227	62.6	51.9	77.9





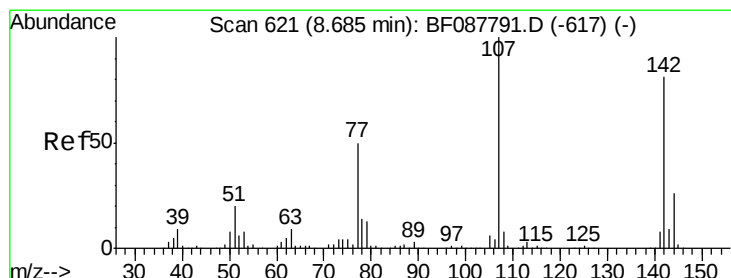
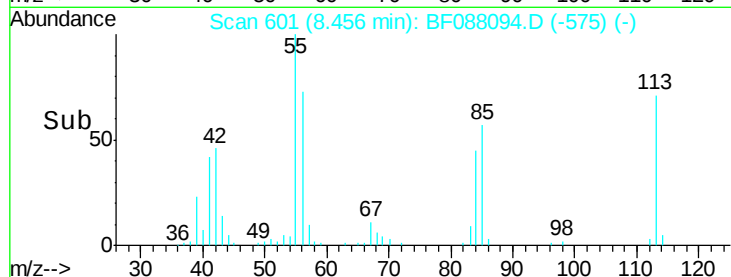
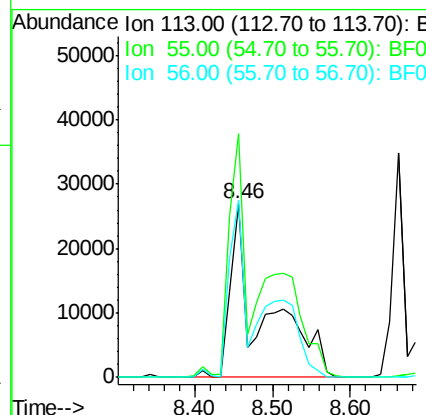
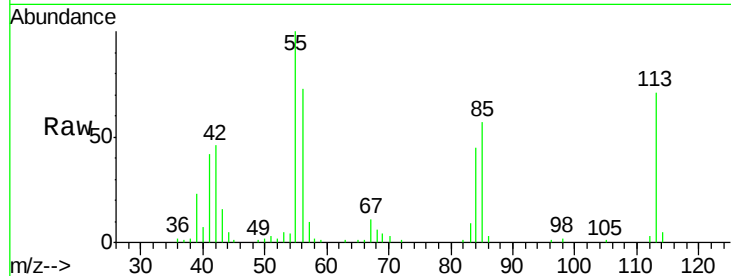
#35
Caprolactam
Concen: 32.70 ng/ml
RT: 8.46 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleID :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.5	158.6	198.6#
56	101.9	110.6	150.6#

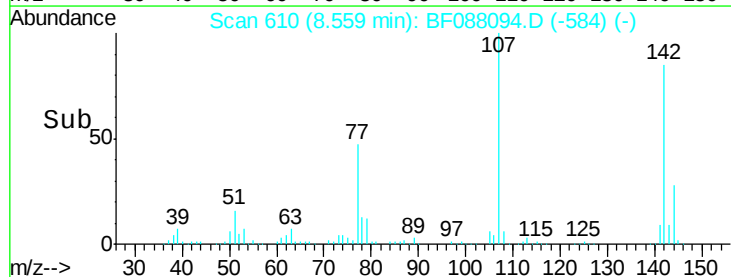
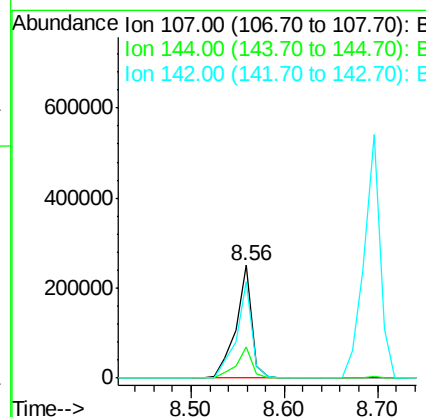
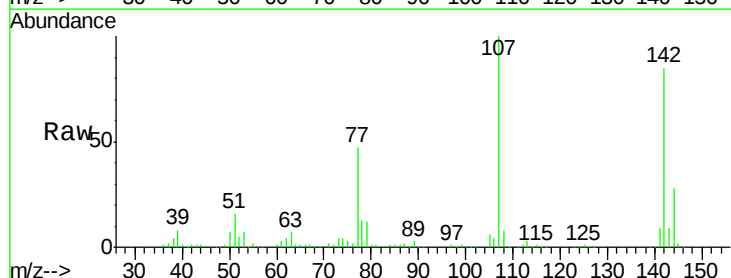
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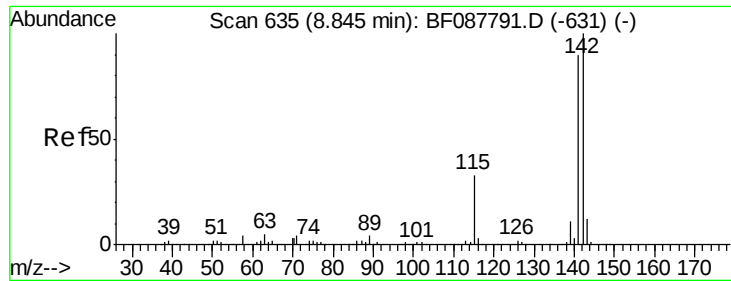
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#36
4-Chloro-3-methylphenol
Concen: 39.21 ng/ml
RT: 8.56 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.8	31.2
142	85.1	63.4	95.2





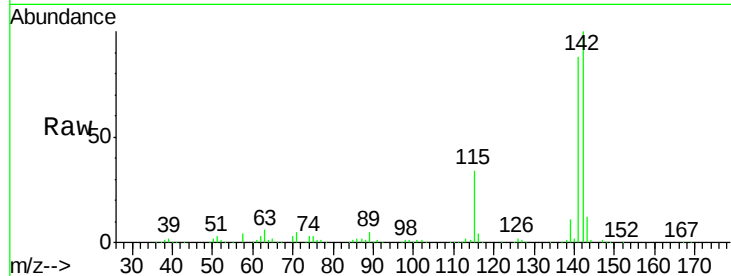
#37
2-Methylnaphthalene
Concen: 38.28 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

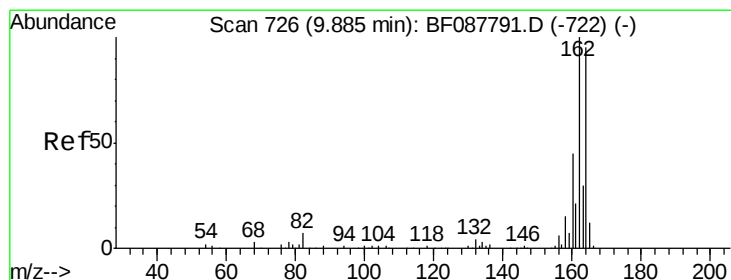
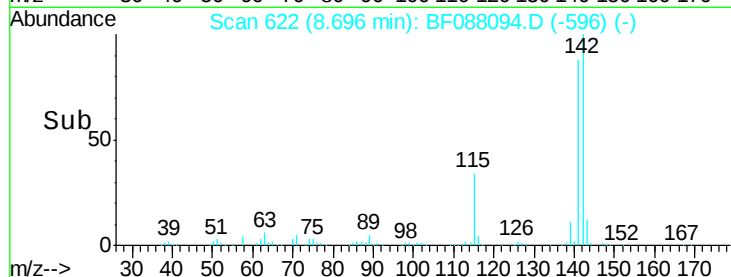
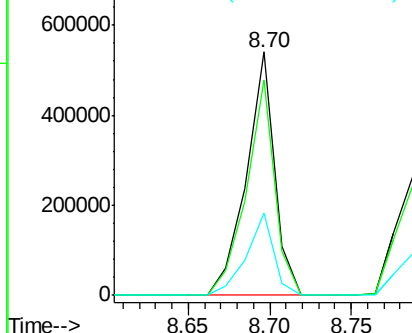
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.8	22.6	33.8

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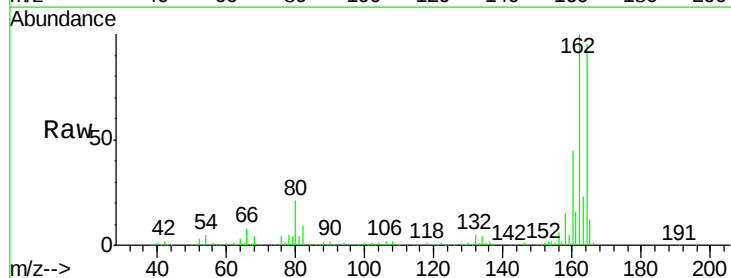


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

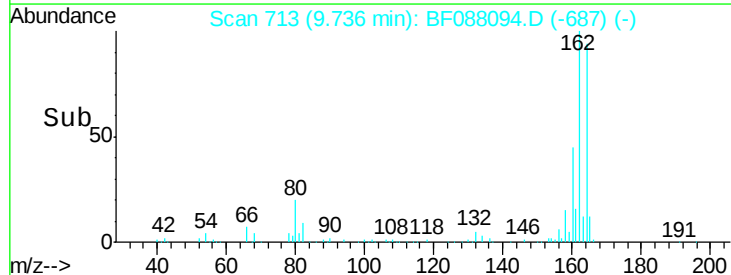
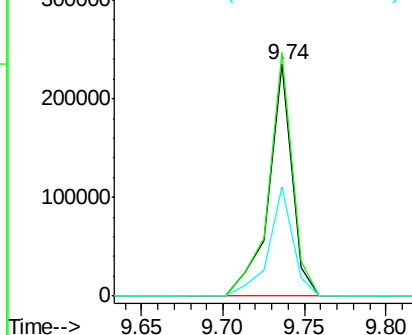


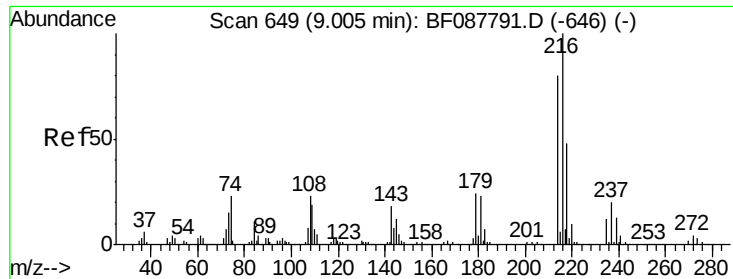
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	47.3	39.5	59.3



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





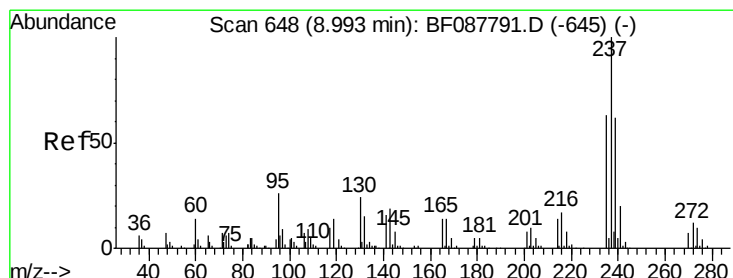
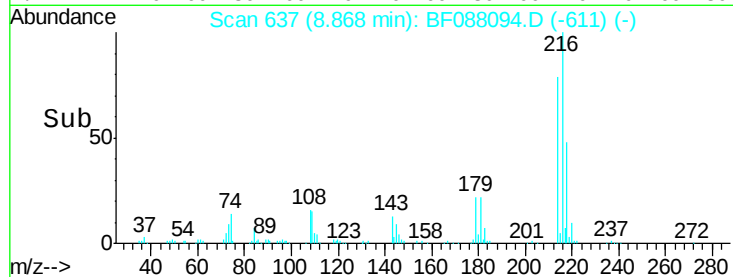
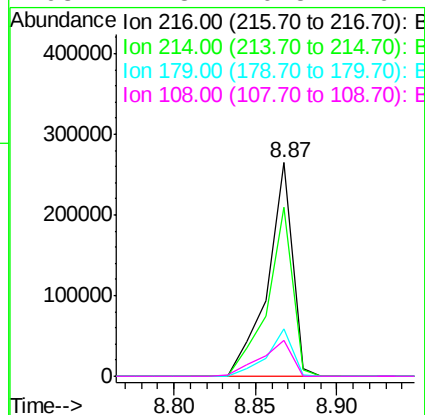
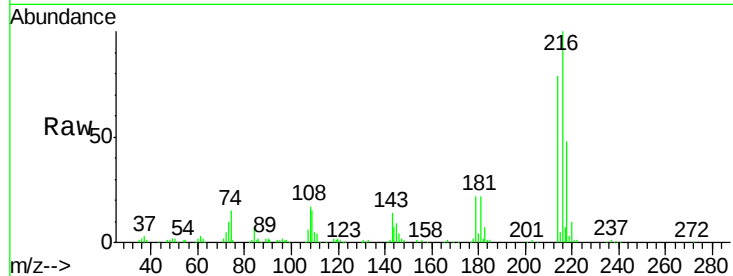
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.57 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		282909		
214	79.1	2.9	4.3#		
179	22.6	0.0	0.0#		
108	21.8	0.5	0.7#		

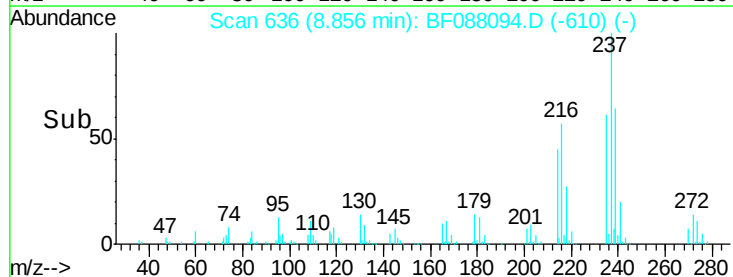
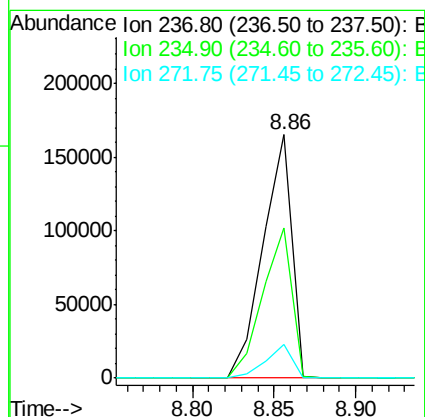
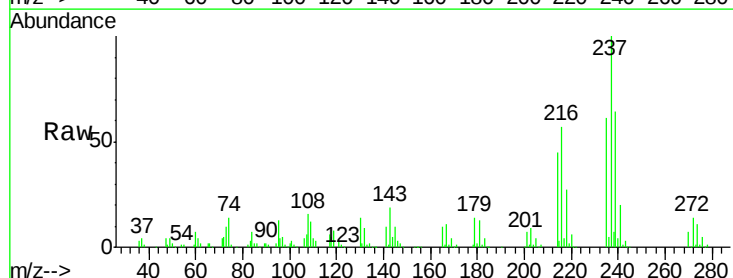
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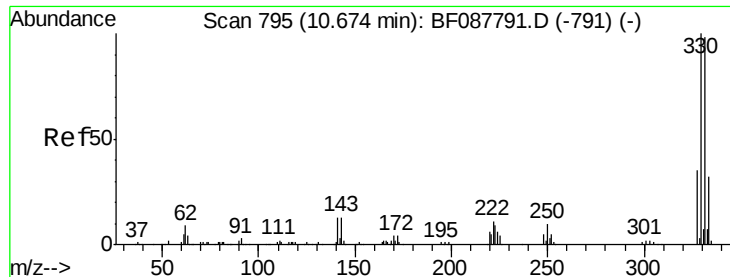
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#40
 Hexachlorocyclopentadiene
 Concen: 53.32 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		203142		
235	61.5	43.4	83.4		
272	13.6	0.0	32.3		





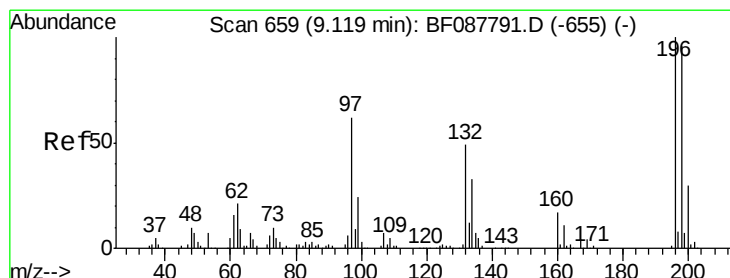
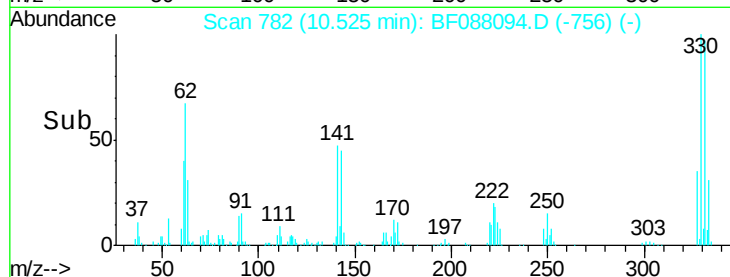
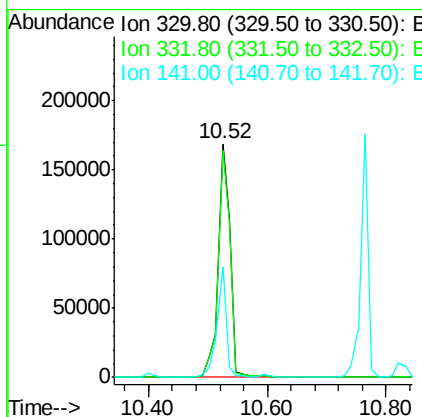
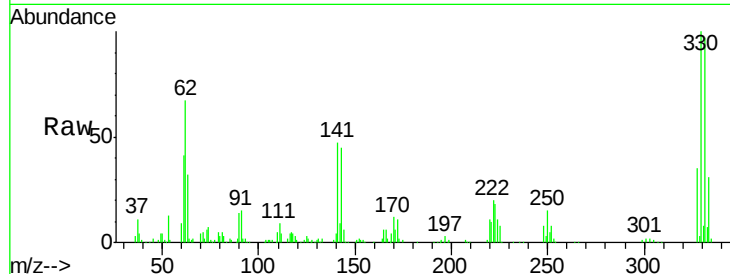
#41
 2,4,6-Tribromophenol
 Concen: 93.99 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	36.5	0.0	0.0#

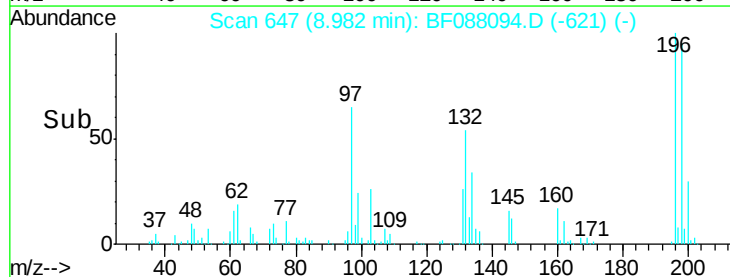
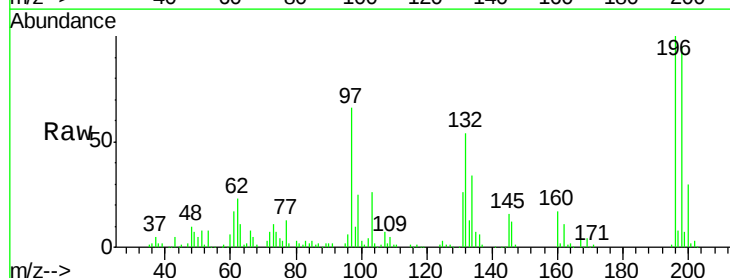
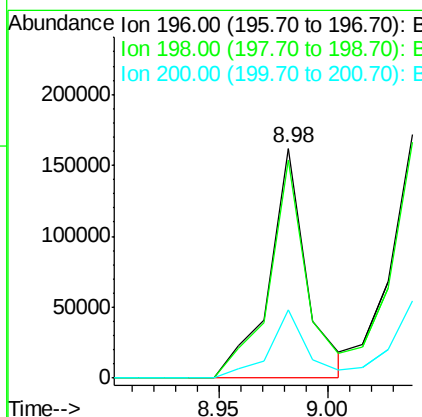
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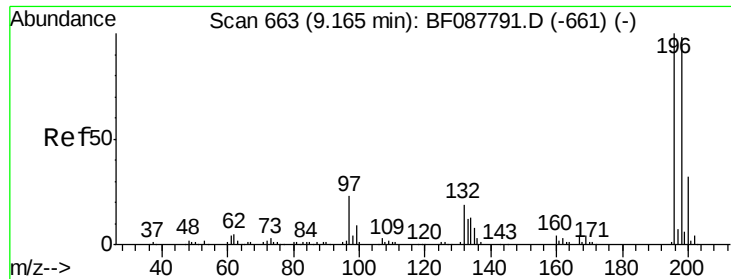
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#42
 2,4,6-Trichlorophenol
 Concen: 41.30 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.9	78.0	117.0
200	29.9	25.4	38.2





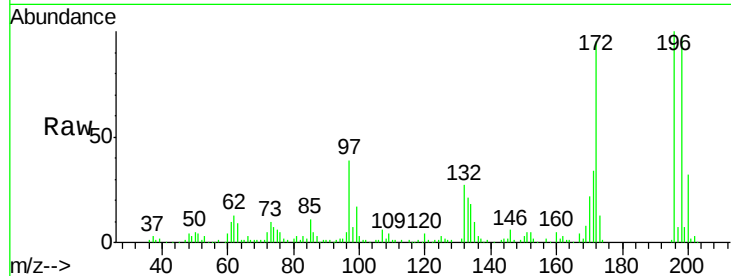
#43
 2,4,5-Trichlorophenol
 Concen: 38.25 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

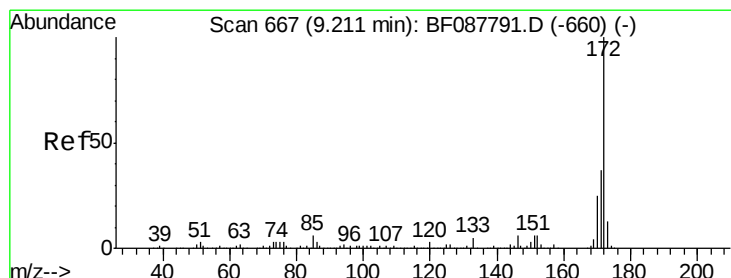
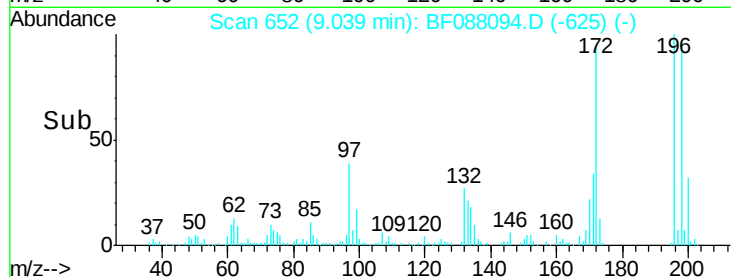
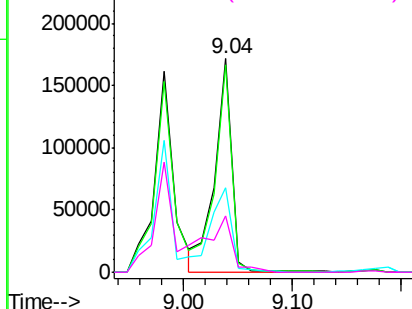
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		187983		
198	97.1	77.5	116.3		
97	39.4	32.0	48.0		
132	26.7	20.9	31.3		

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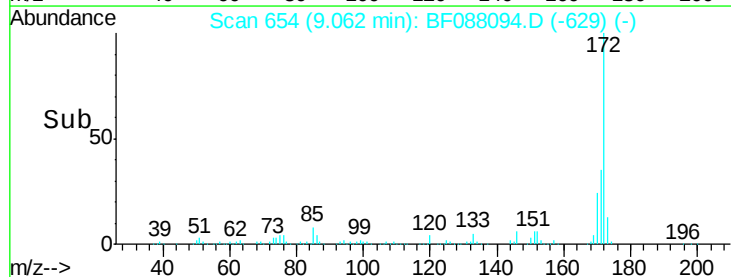
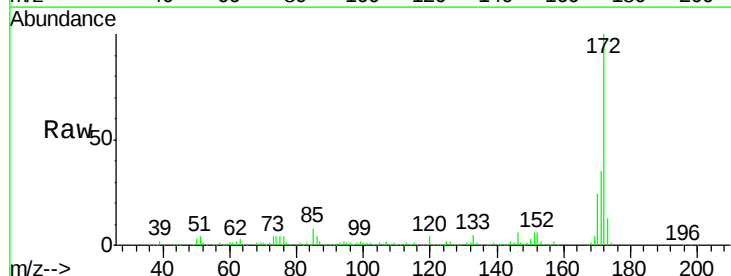
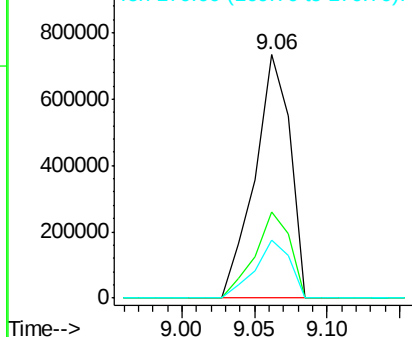
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

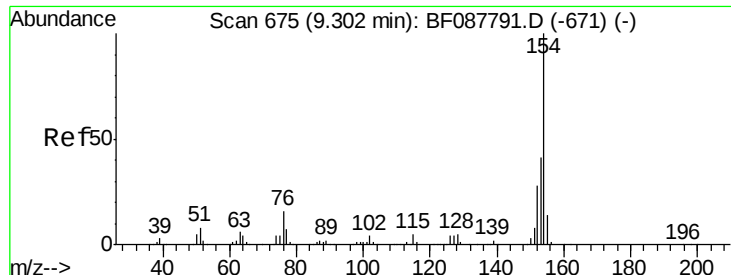


#44
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1238504		
171	35.5	28.6	43.0		
170	23.9	19.2	28.8		

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





#45

1,1'-Biphenyl

Concen: 44.28 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

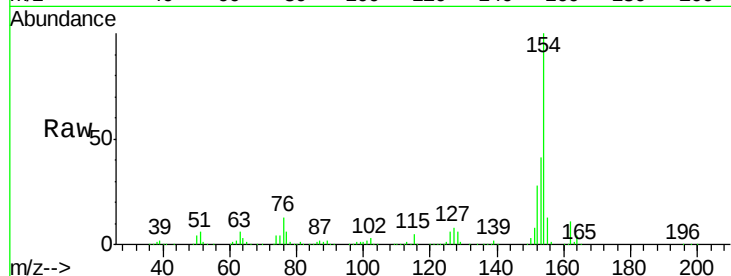
ClientSampleId :

HSR-WC-52-060916MSD

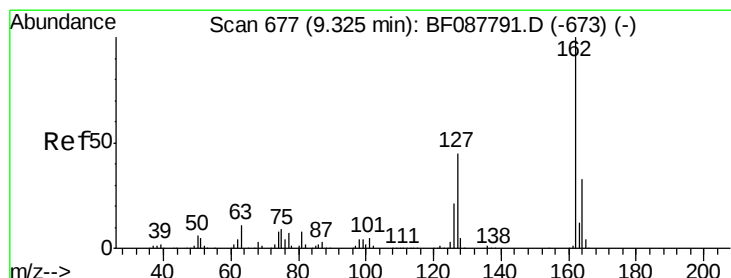
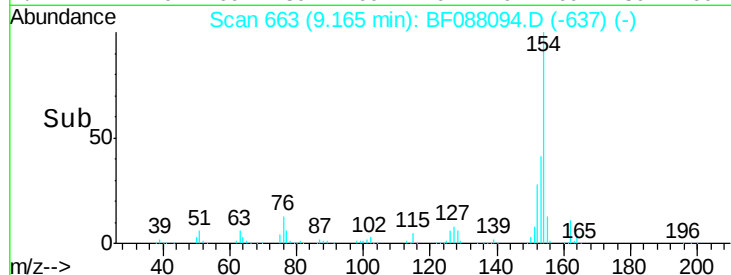
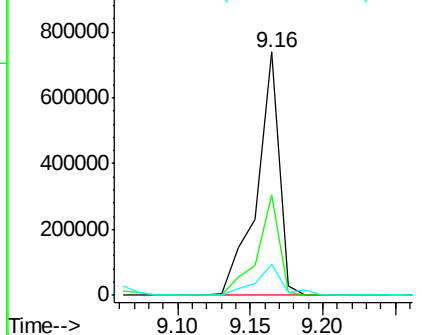
Tot Ion:	154	Resp:	786850
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	12.8	0.0	35.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.51 ng

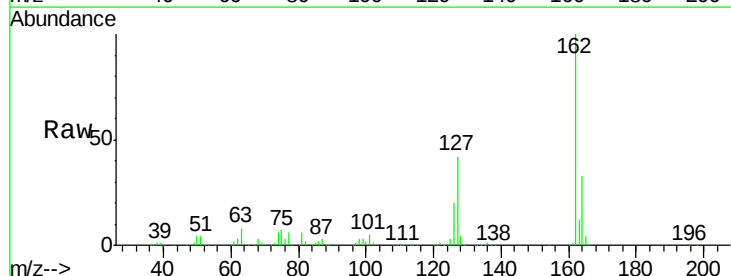
RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

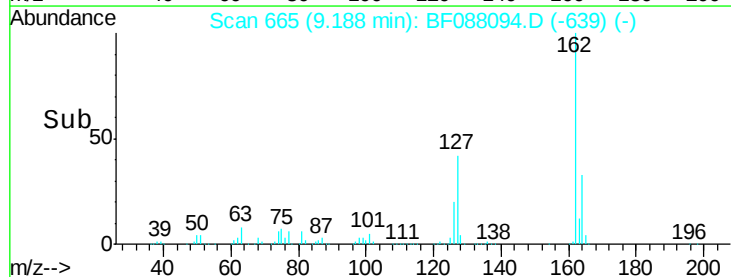
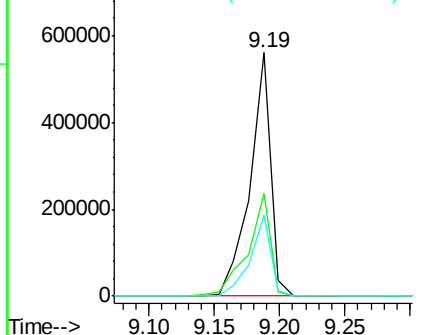
Lab File: BF088094.D

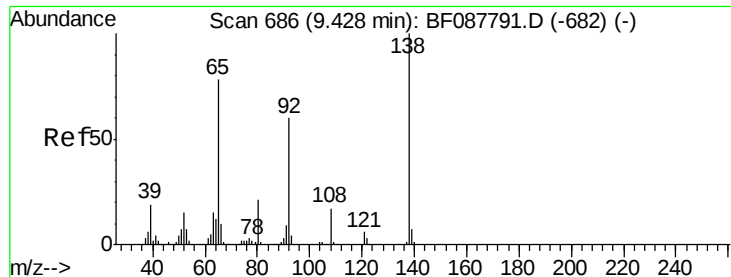
Acq: 17 Jun 2016 15:44

Tgt Ion:	162	Resp:	619242
Ion Ratio	Lower	Upper	
162	100		
127	42.0	35.2	52.8
164	33.3	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 22.67 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

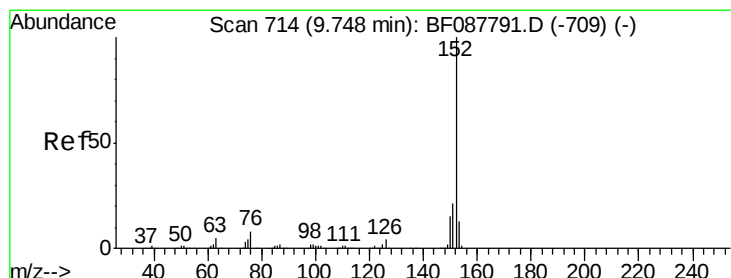
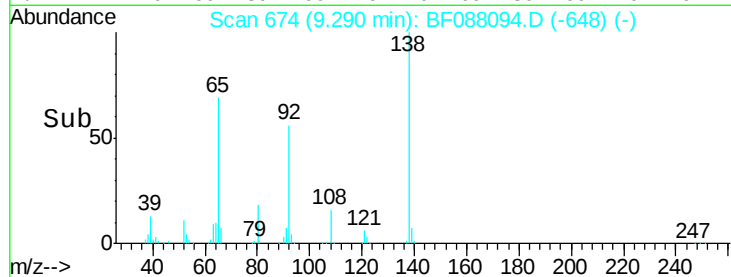
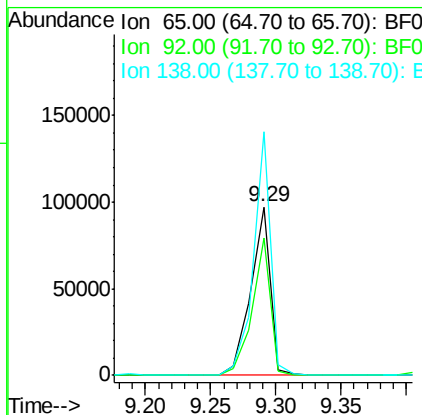
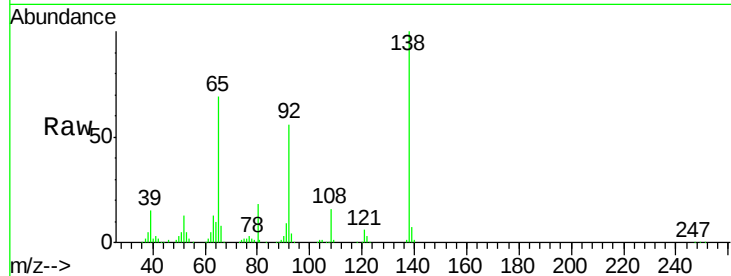
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	65	Resp:	102224
Ion Ratio	Lower	Upper	
65	100		
92	81.4	54.6	82.0
138	144.6	77.0	115.4#

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#48

Acenaphthylene

Concen: 31.86 ng

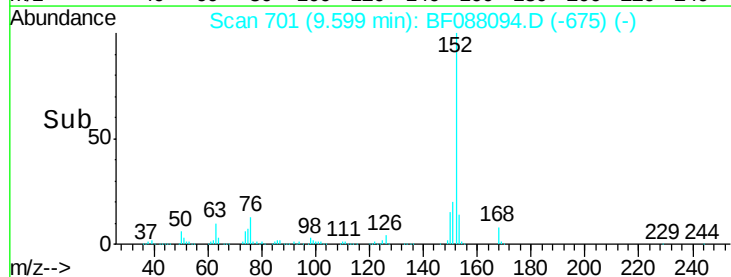
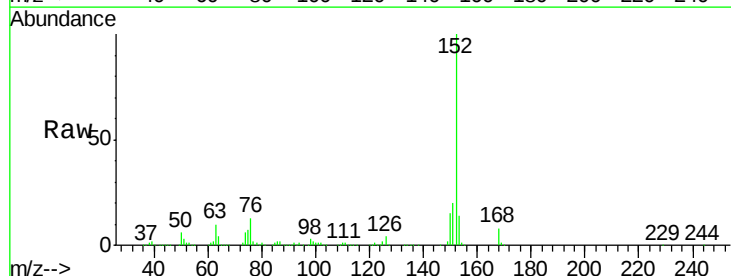
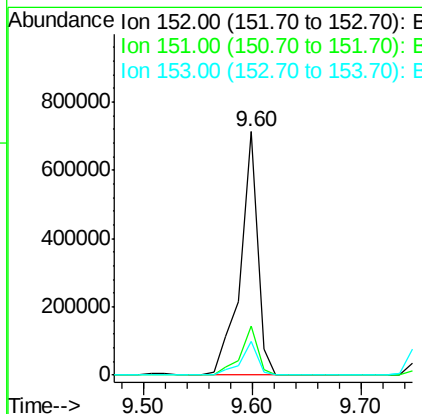
RT: 9.60 min Scan# 701

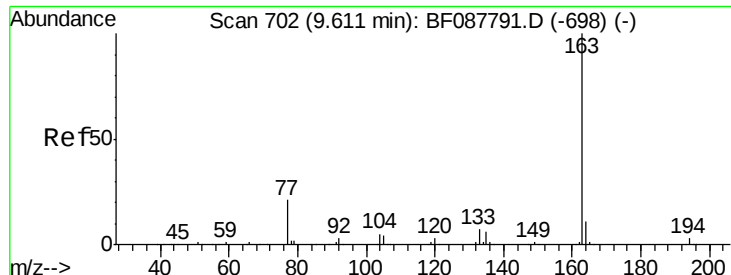
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	152	Resp:	774616
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.7	11.0	16.6





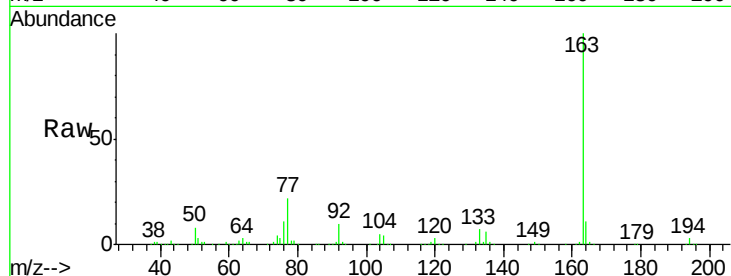
#49
Dimethylphthalate
Concen: 40.81 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

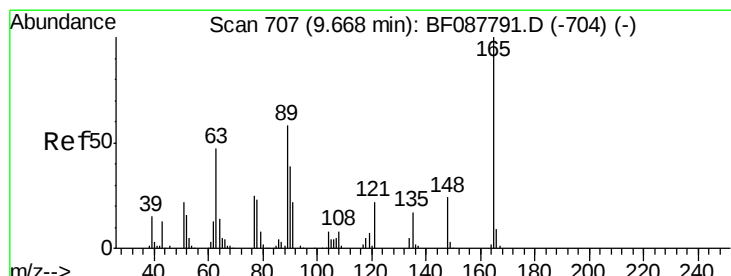
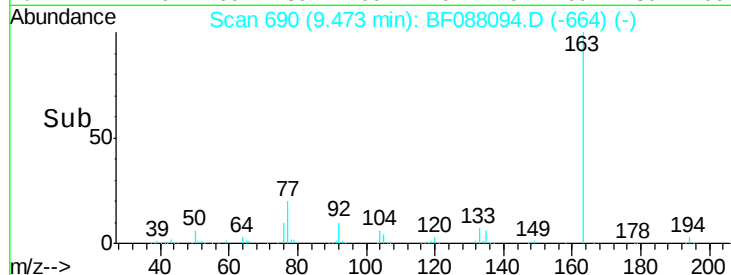
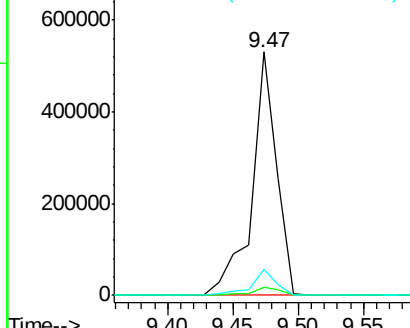
Tot Ion	Ratio	Resp	Lower	Upper
163	100	698328		
194	3.2		2.8	4.2
164	10.8		8.3	12.5

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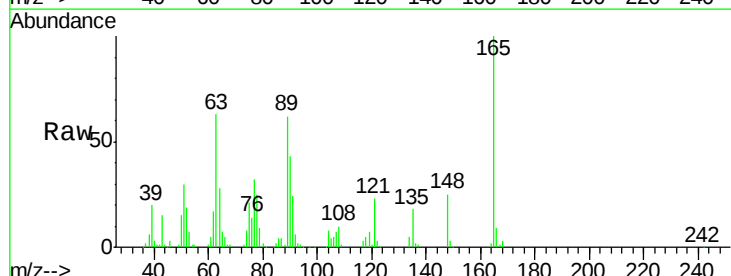


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

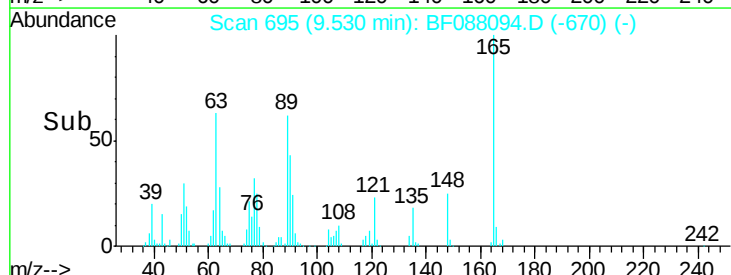
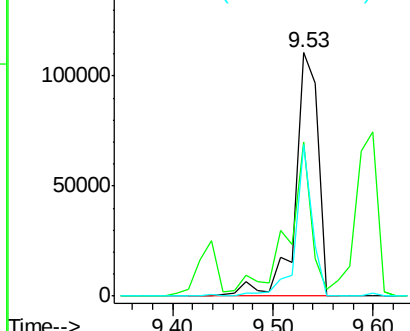


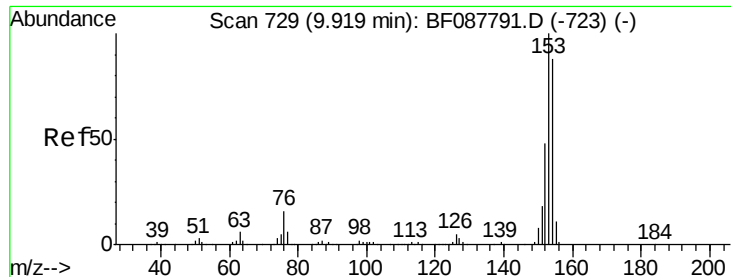
#50
2,6-Dinitrotoluene
Concen: 44.36 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173842		
63	63.2		28.1	42.1#
89	62.0		32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.29 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

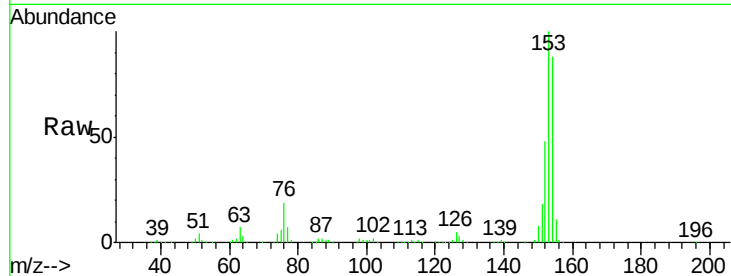
ClientSampleId :

HSR-WC-52-060916MSD

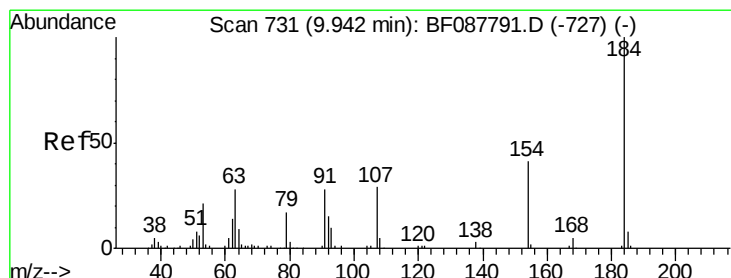
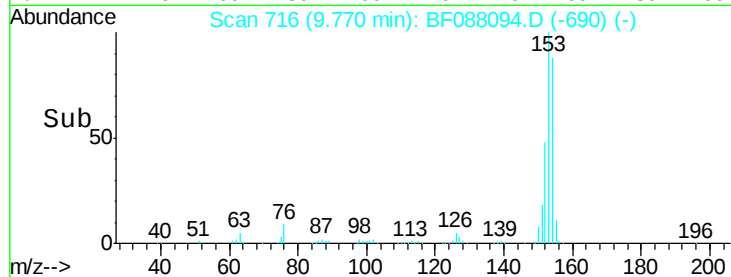
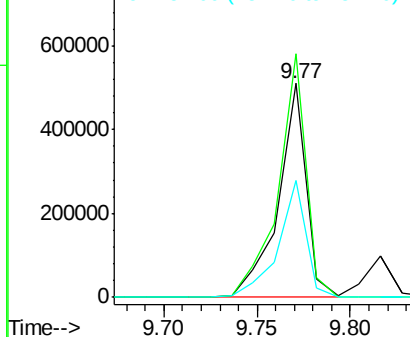
Tot Ion:	154	Resp:	535300
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.5	134.3
152	54.9	42.7	64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 77.32 ng

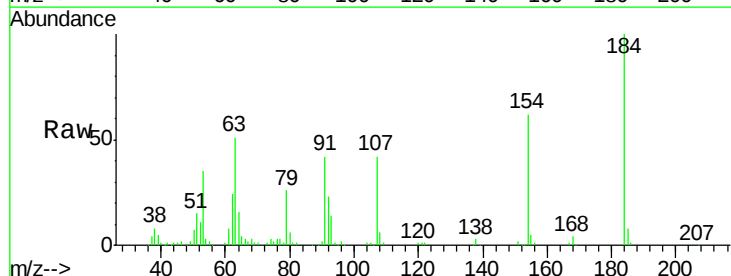
RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

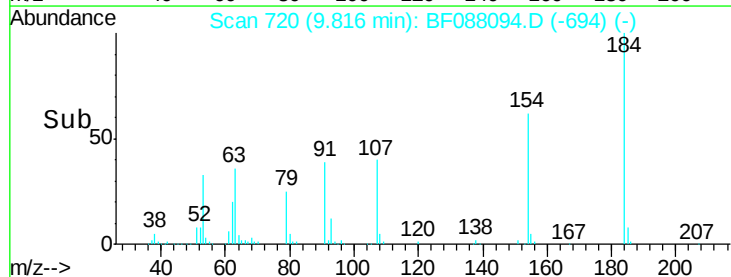
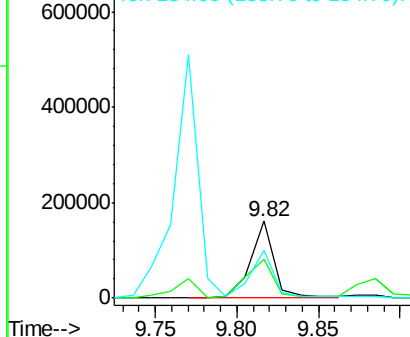
Lab File: BF088094.D

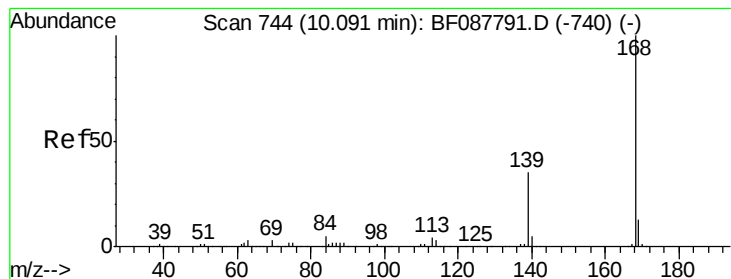
Acq: 17 Jun 2016 15:44

Tgt Ion:	184	Resp:	164602
Ion Ratio	Lower	Upper	
184	100		
63	50.5	57.6	86.4#
154	61.6	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 35.18 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

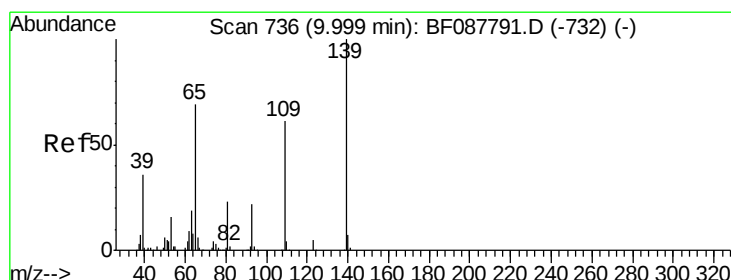
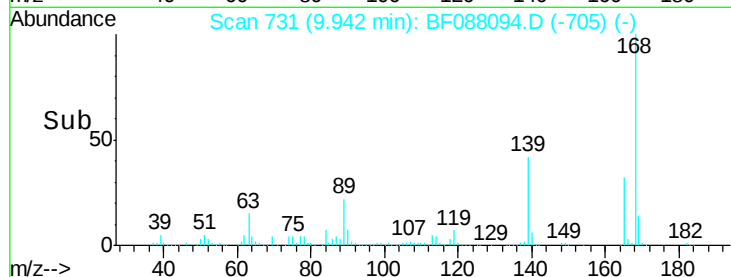
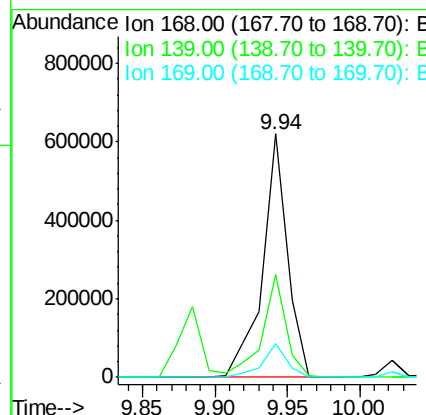
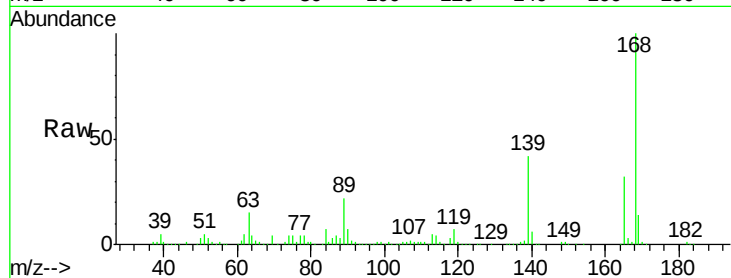
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:168	Resp:	734781
Ion Ratio	Lower	Upper
168	100	
139	42.2	26.4 39.6#
169	13.7	10.4 15.6

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#55

4-Nitrophenol

Concen: 56.99 ng

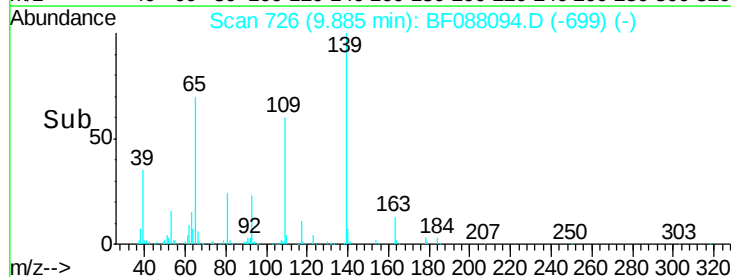
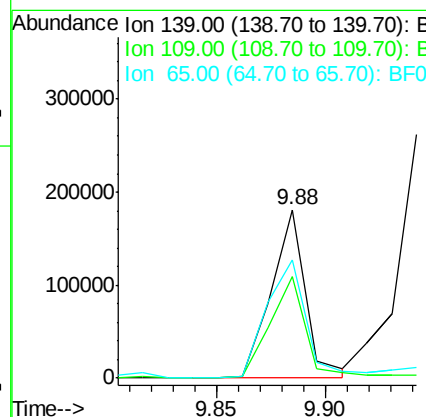
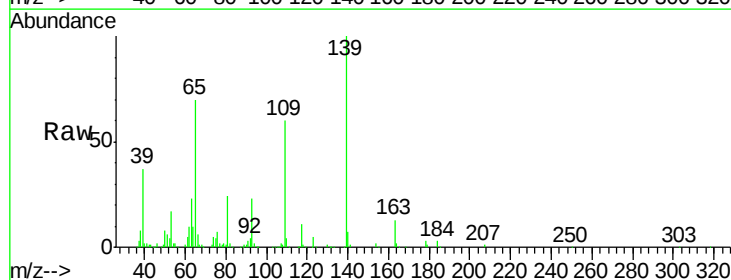
RT: 9.88 min Scan# 726

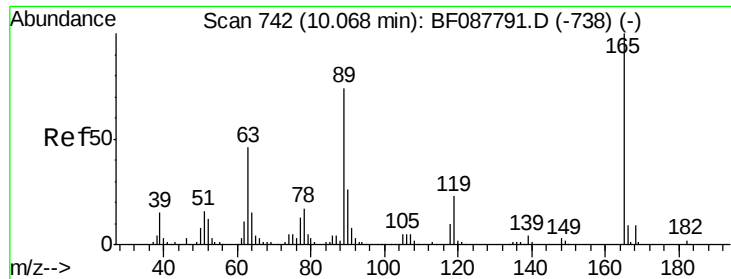
Delta R.T. 0.01 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:139	Resp:	200013
Ion Ratio	Lower	Upper
139	100	
109	60.4	48.9 88.9
65	70.2	84.9 124.9#





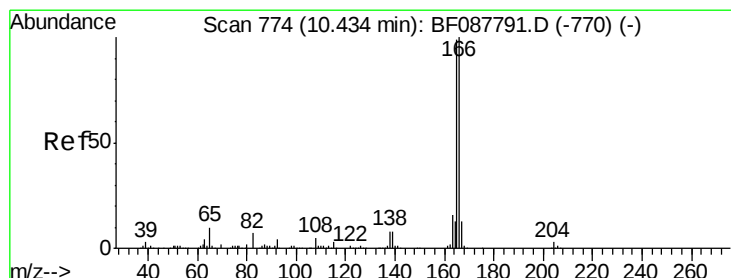
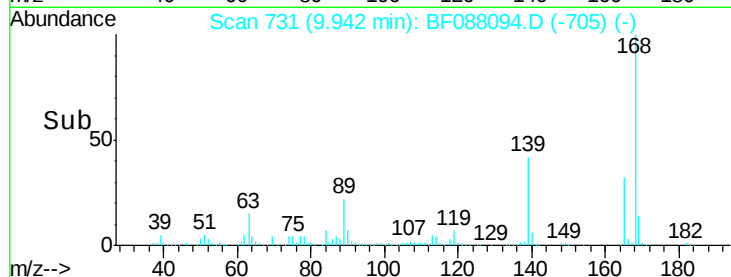
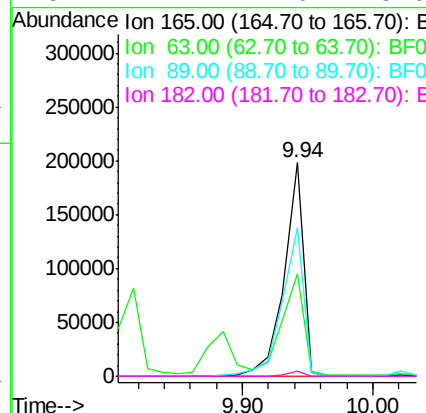
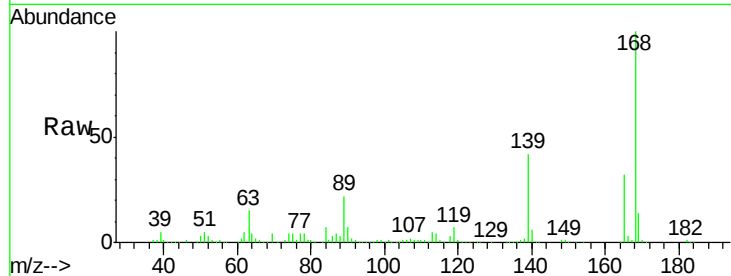
#56
2,4-Dinitrotoluene
Concen: 41.21 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	207529		
63	48.0	22.0	33.0#	
89	69.3	41.1	61.7#	
182	2.4	2.0	3.0	

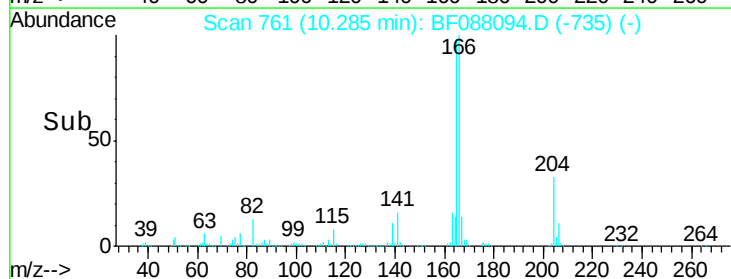
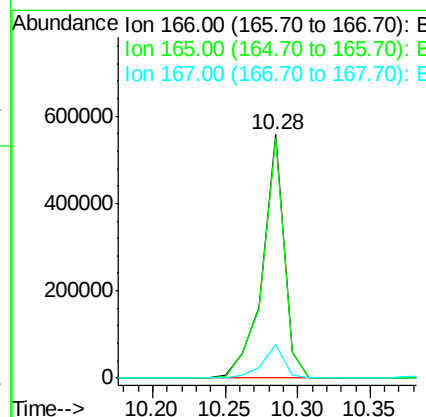
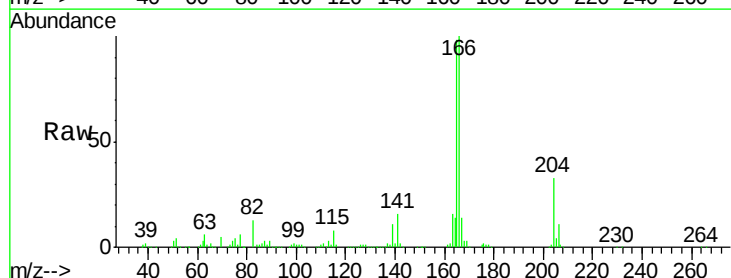
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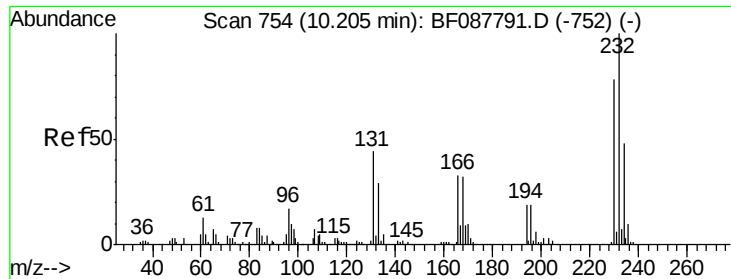
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#57
Fluorene
Concen: 40.60 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	579763		
165	98.5	77.8	116.8	
167	13.6	11.2	16.8	





#58

2,3,4,6-Tetrachlorophenol

Concen: 38.76 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:232 Resp: 149700
Ion Ratio Lower Upper

232 100

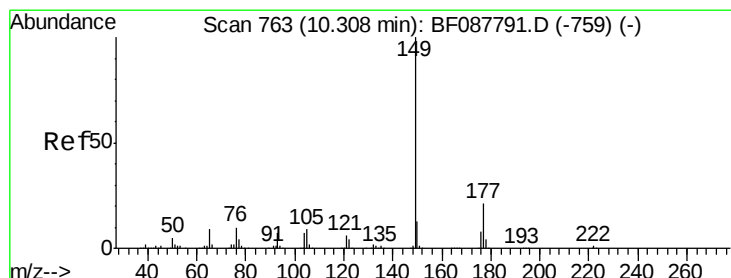
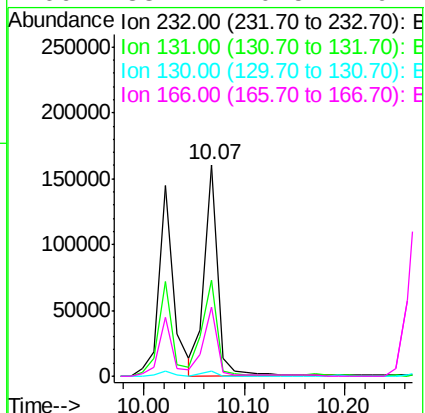
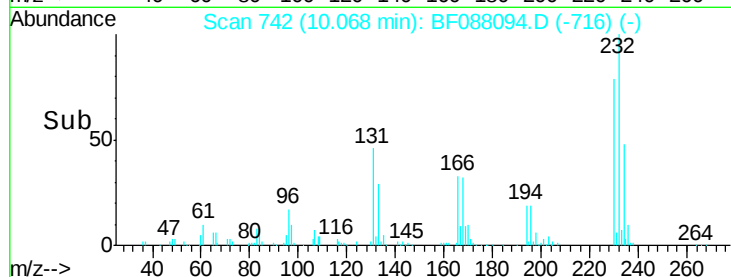
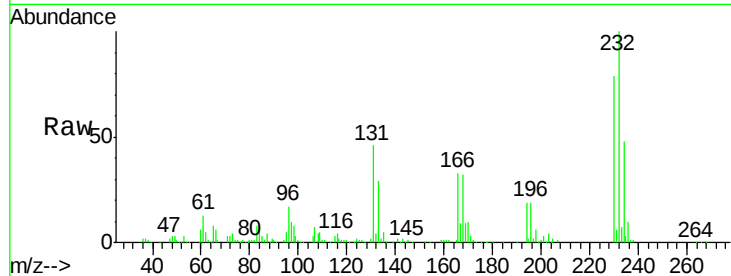
131 51.3 0.9 1.3#

130 2.5 1.5 2.3#

166 33.4 0.5 0.7#

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#59

Diethylphthalate

Concen: 39.51 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088094.D

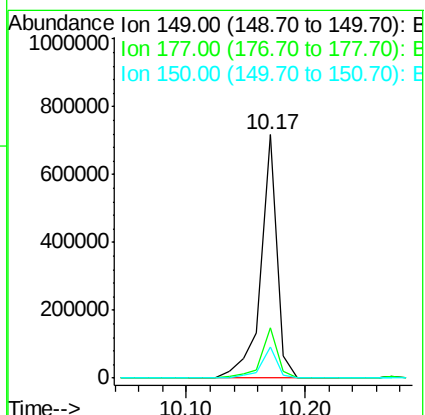
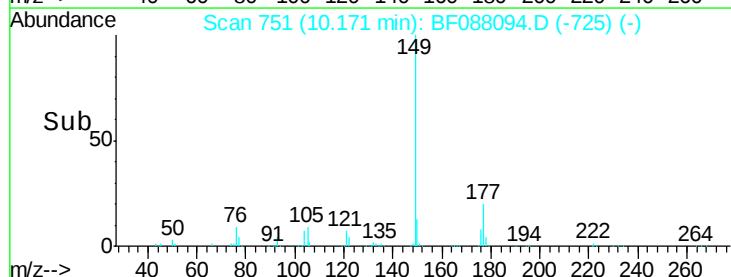
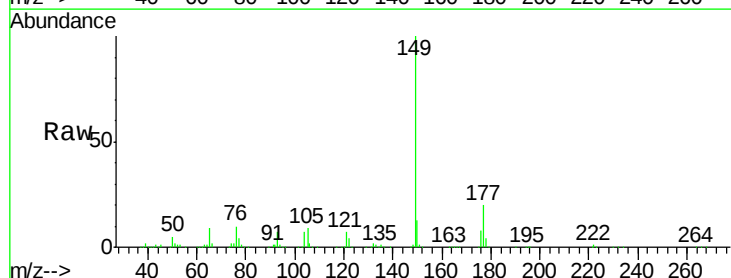
Acq: 17 Jun 2016 15:44

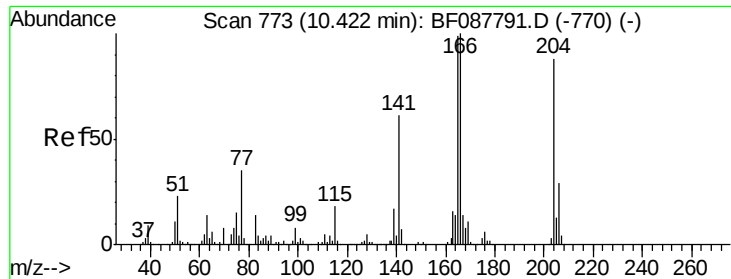
Tgt Ion:149 Resp: 684370
Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

150 12.7 10.1 15.1





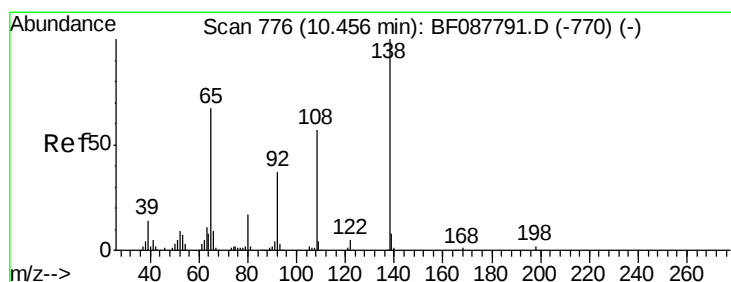
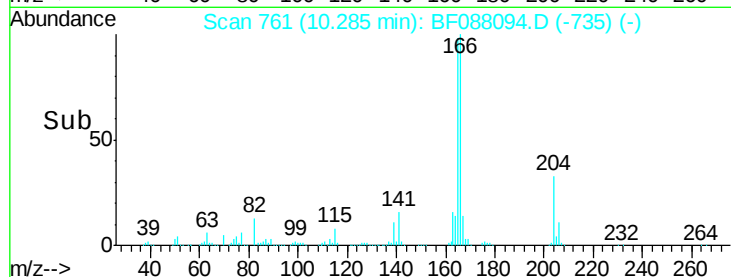
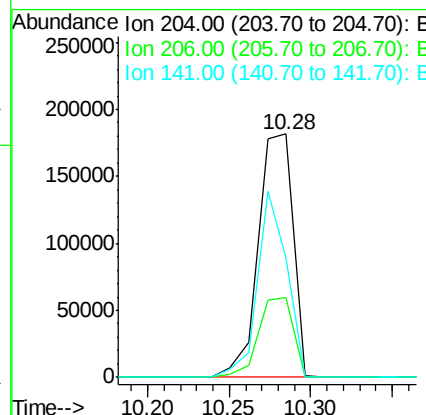
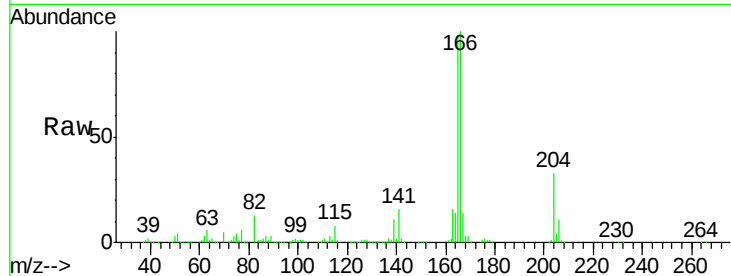
#60
4-Chlorophenyl-phenylether
Concen: 38.81 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.8	26.3	39.5
141	49.1	55.0	82.6

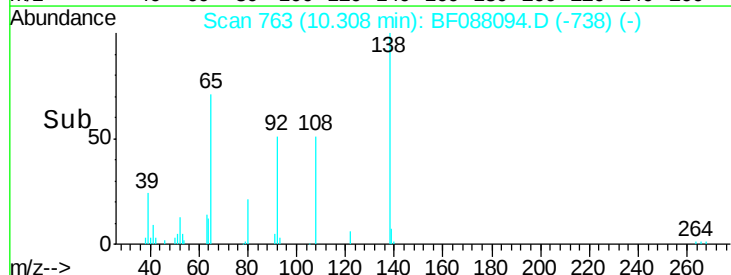
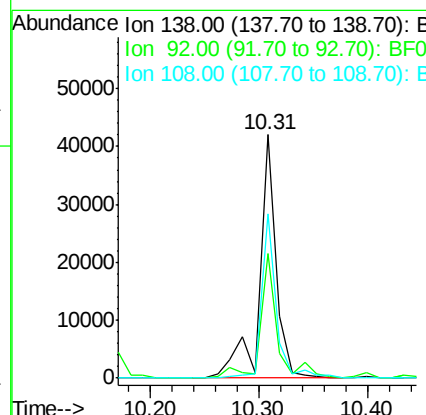
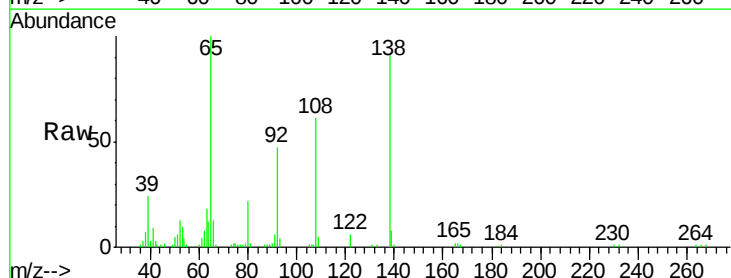
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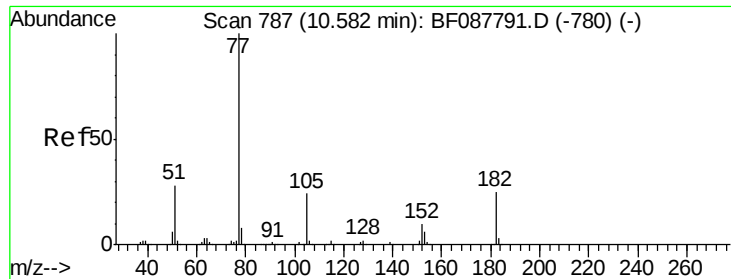
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#61
4-Nitroaniline
Concen: 10.69 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	51.4	27.3	67.3
108	67.3	46.7	86.7





#62

Azobenzene

Concen: 34.53 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088094.D

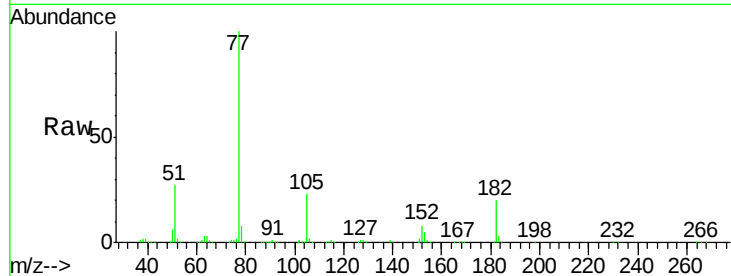
Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD



Tot Ion: 77 Resp: 591483

Ion Ratio Lower Upper

77 100

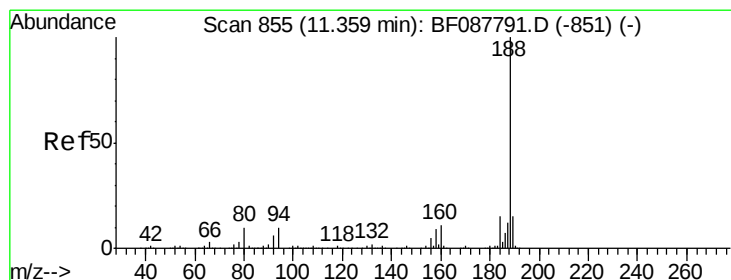
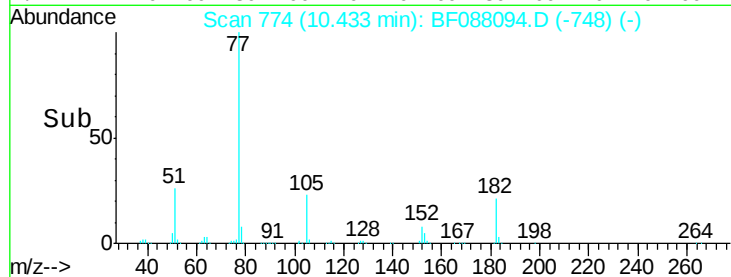
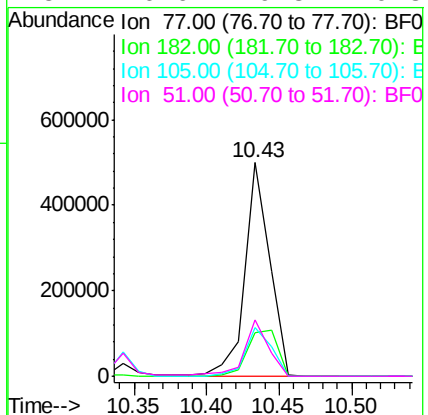
182 20.5 4.4 44.4

105 23.1 3.8 43.8

51 26.6 9.3 49.3

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

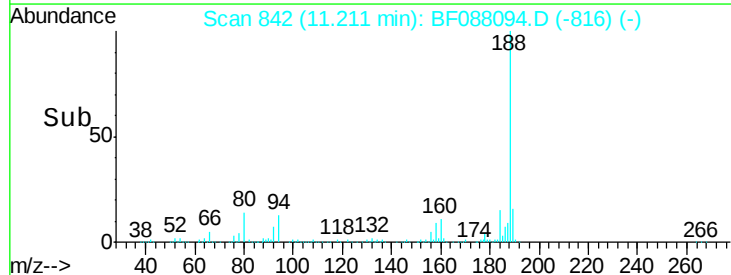
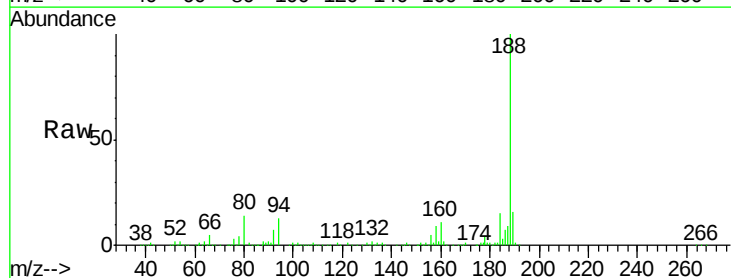
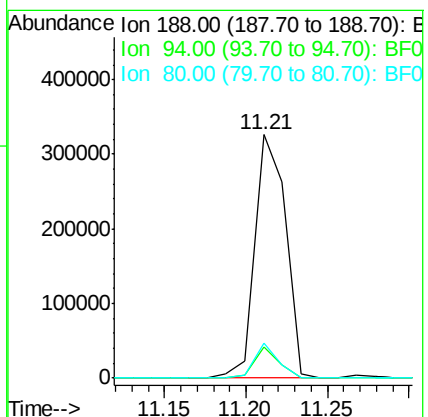
Tgt Ion: 188 Resp: 427660

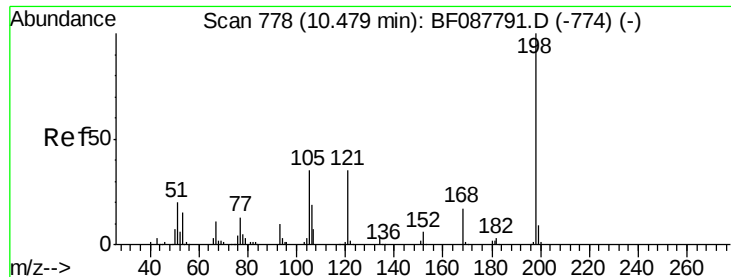
Ion Ratio Lower Upper

188 100

94 13.0 9.0 13.6

80 14.1 10.0 15.0





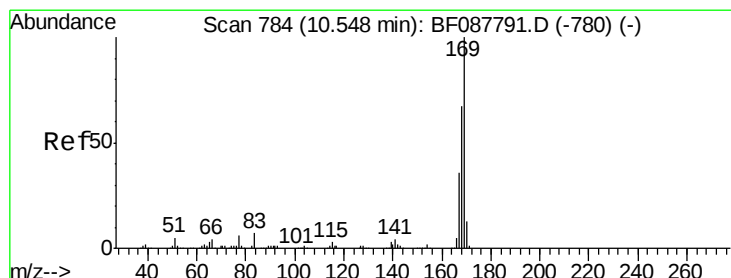
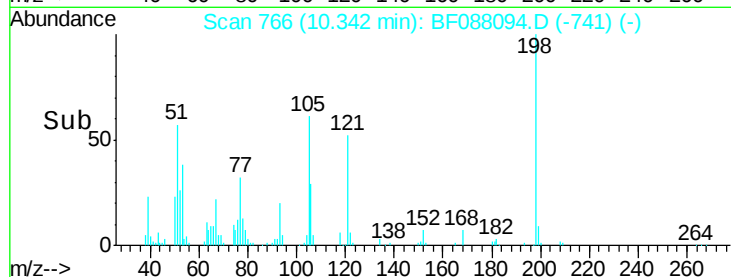
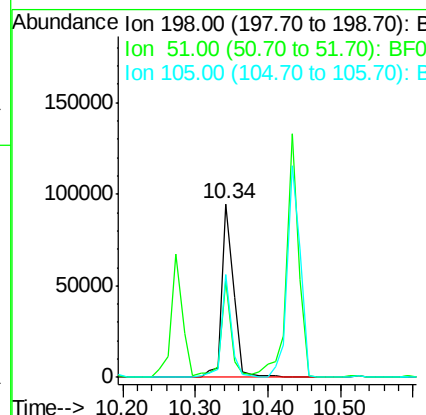
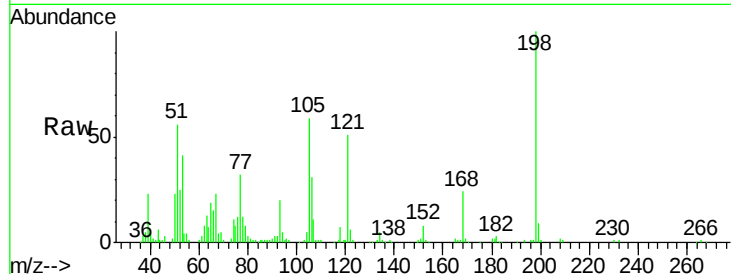
#64
4,6-Dinitro-2-methylphenol
Concen: 40.63 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107553		
51	55.5	39.6	79.6	
105	59.0	36.6	76.6	

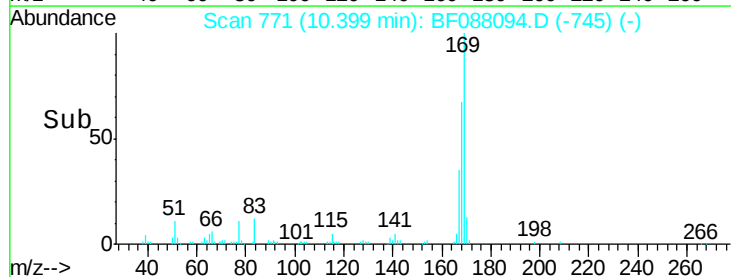
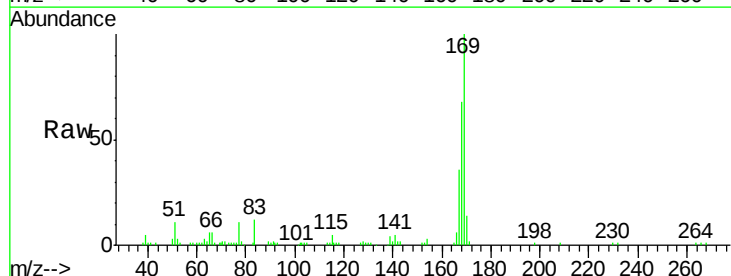
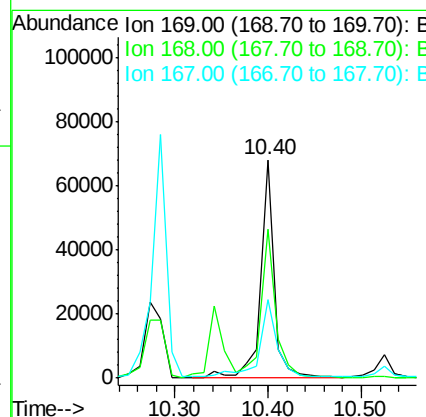
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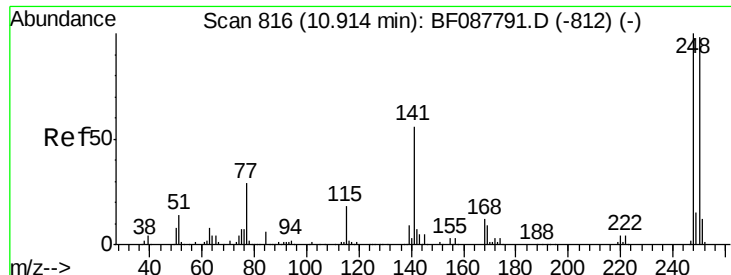
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#65
n-Nitrosodiphenylamine
Concen: 4.86 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	68896		
168	68.3	53.4	80.0	
167	36.1	29.4	44.0	





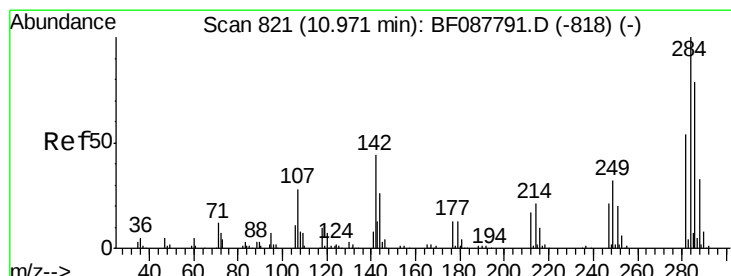
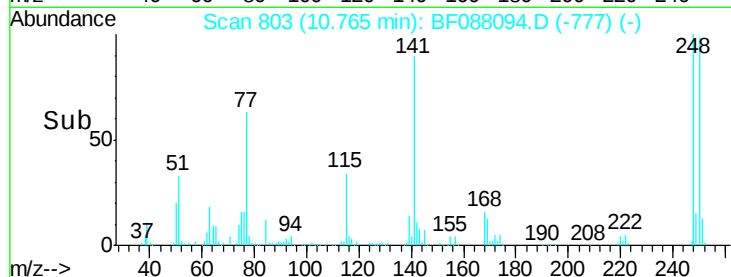
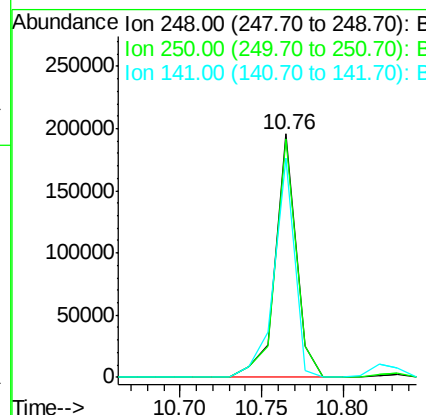
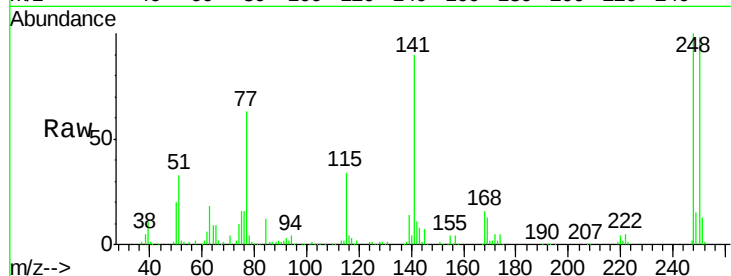
#66
4-Bromophenyl-phenylether
Concen: 38.23 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleID :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	90.0	50.6	76.0

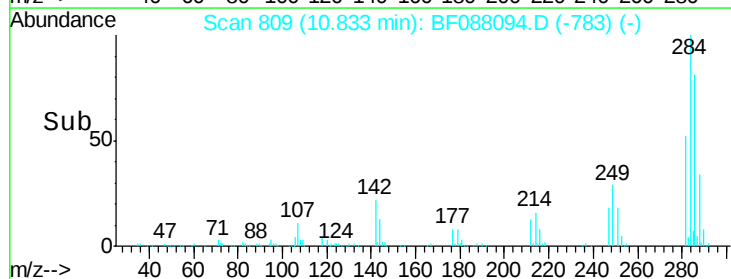
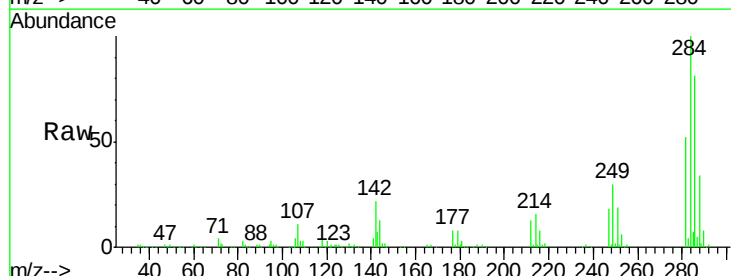
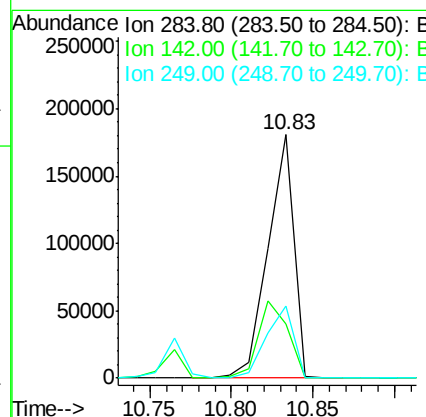
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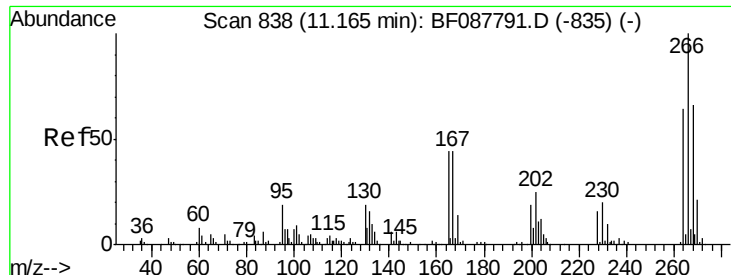
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#67
Hexachlorobenzene
Concen: 42.03 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.5	35.8	53.8
249	29.7	25.8	38.6





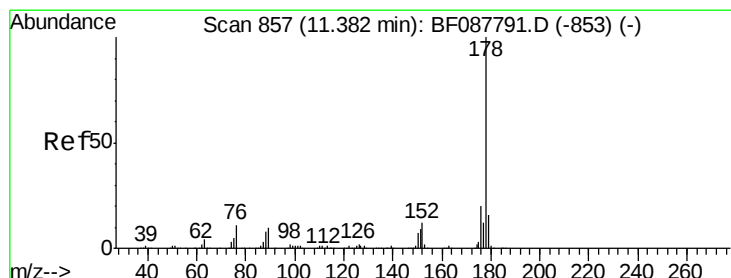
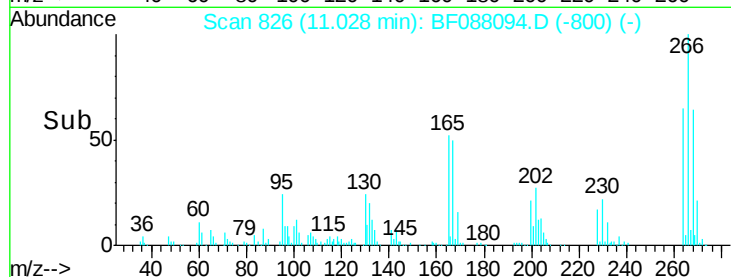
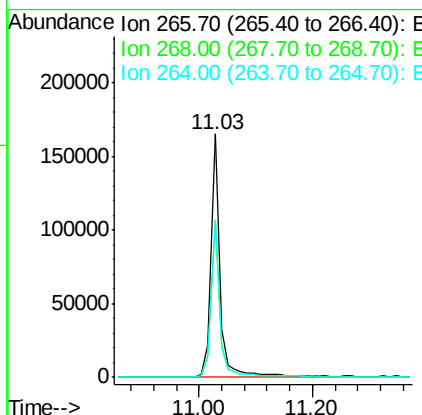
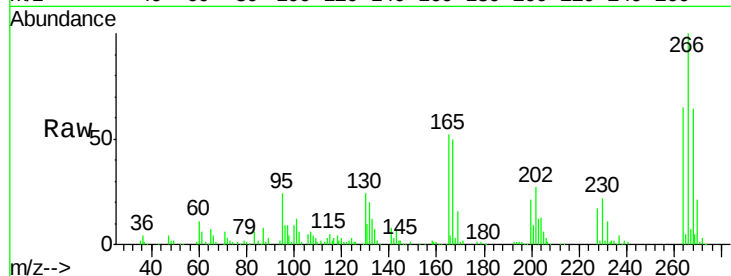
#69
 Pentachlorophenol
 Concen: 71.83 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.8	79.2
264	65.0	49.6	74.4

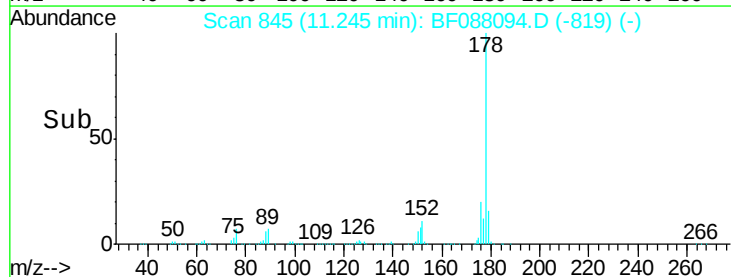
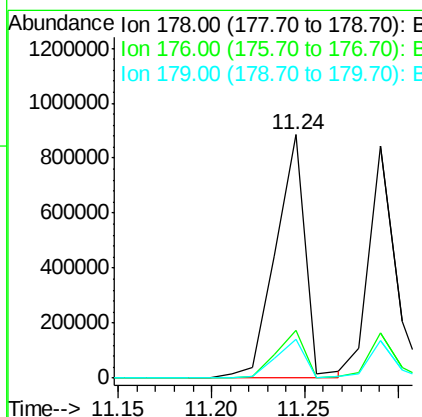
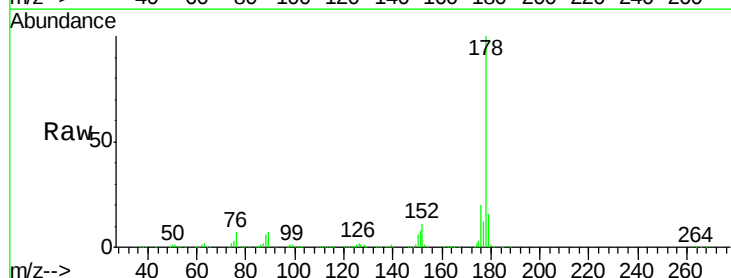
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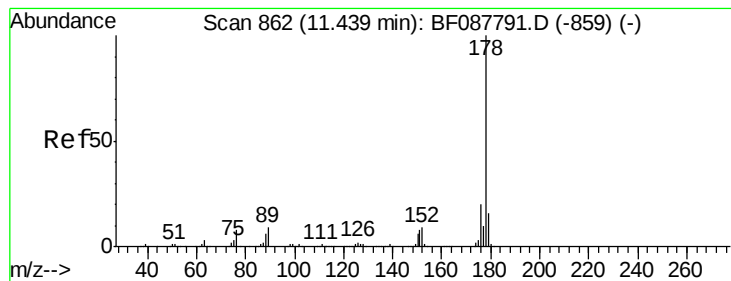
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#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.7	13.0	19.4





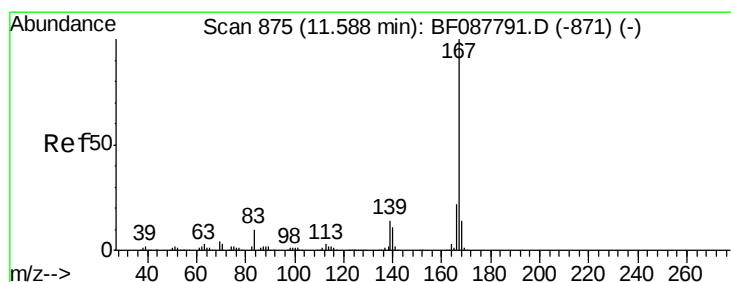
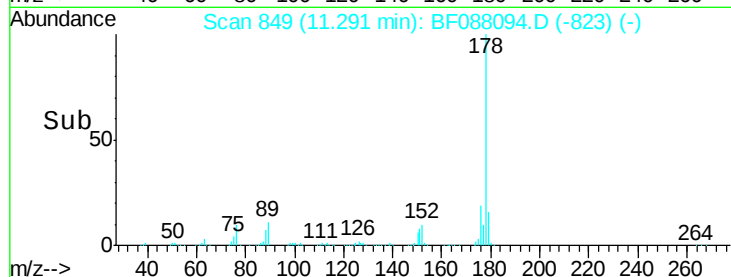
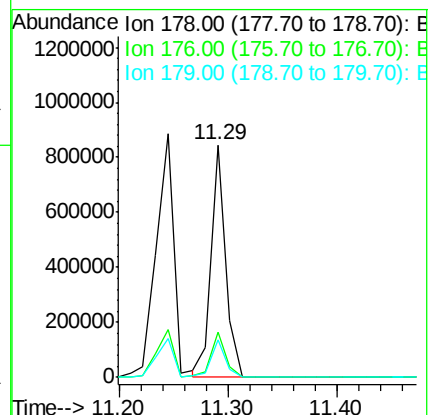
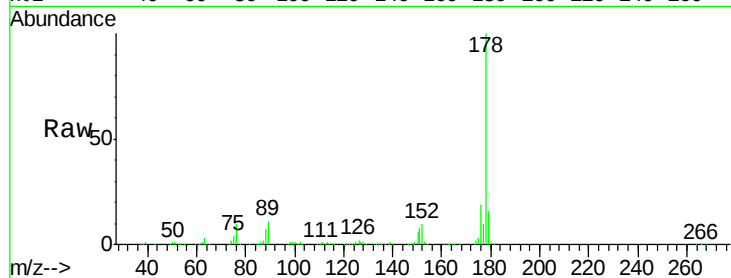
#71
 Anthracene
 Concen: 35.39 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.9	12.8	19.2

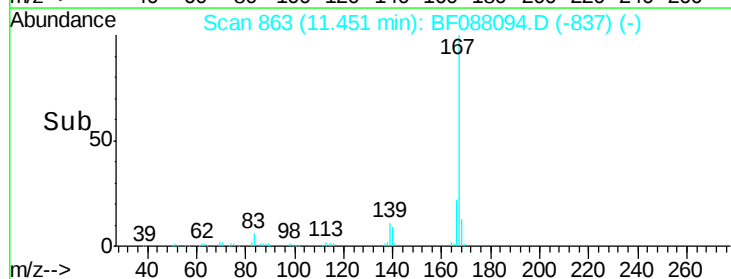
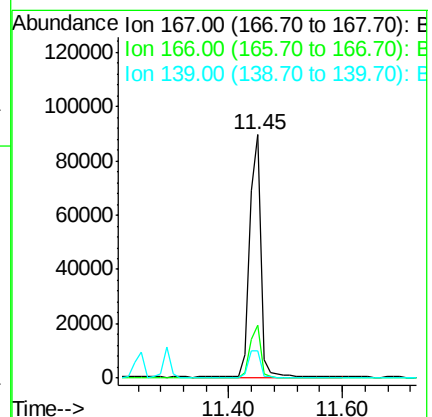
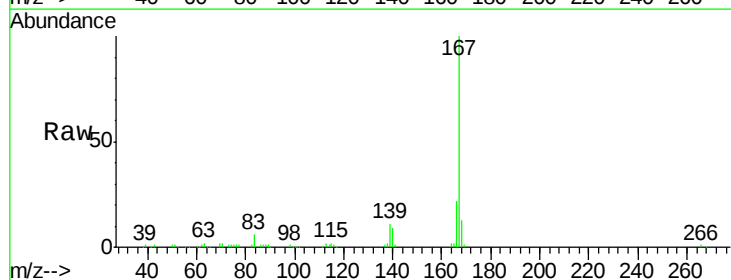
Manual Integrations
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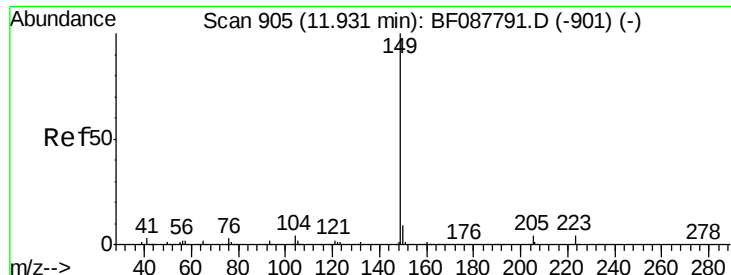
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#72
 Carbazole
 Concen: 5.83 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	11.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 37.69 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

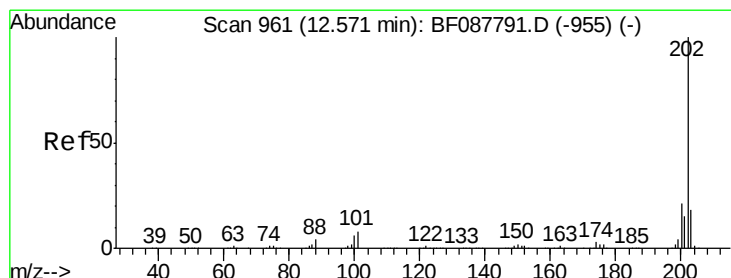
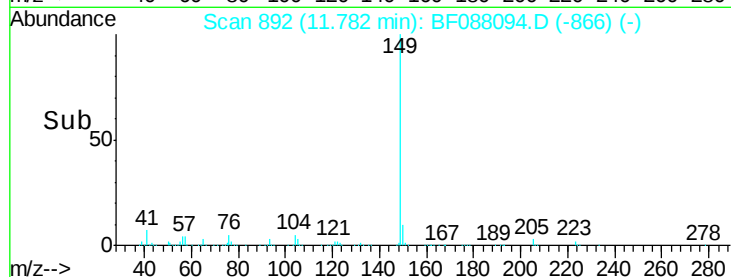
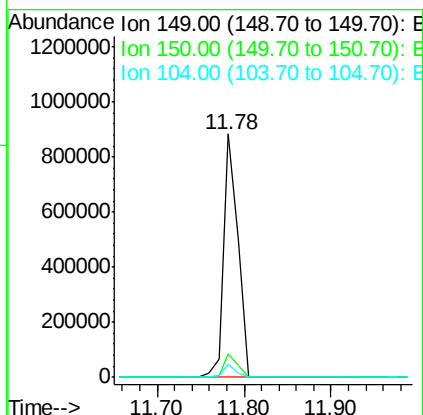
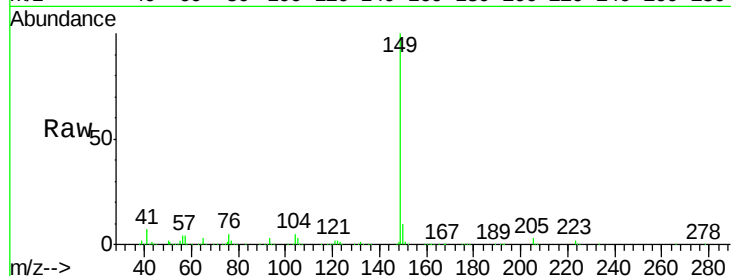
ClientSampleId :

HSR-WC-52-060916MSD

Manual Integrations
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Tot Ion:	149	Resp:	1010628
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	4.0	6.0



#74

Fluoranthene

Concen: 33.82 ng

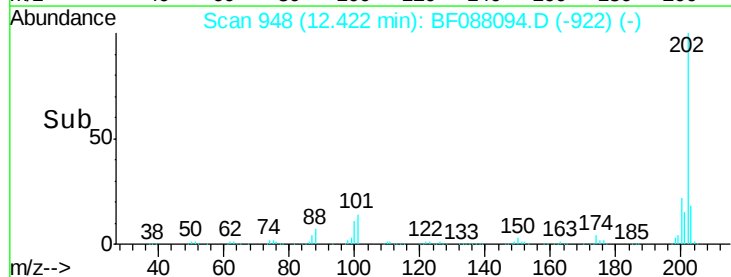
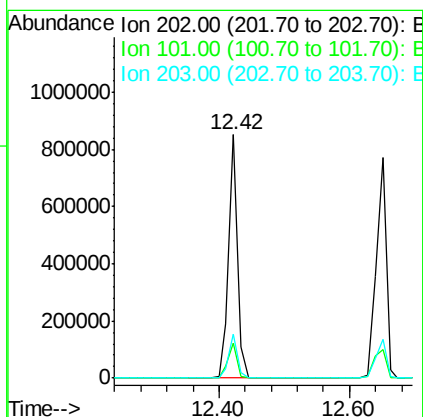
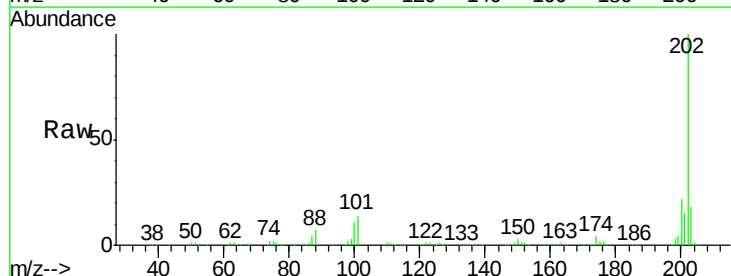
RT: 12.42 min Scan# 948

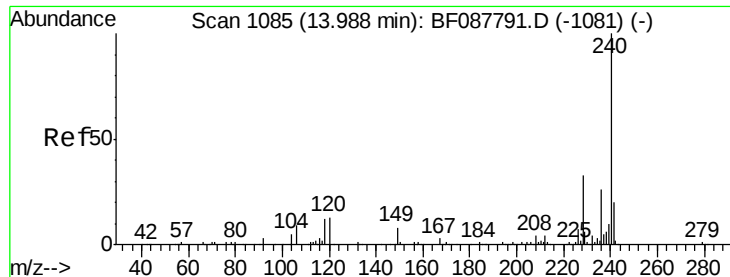
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	202	Resp:	800972
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

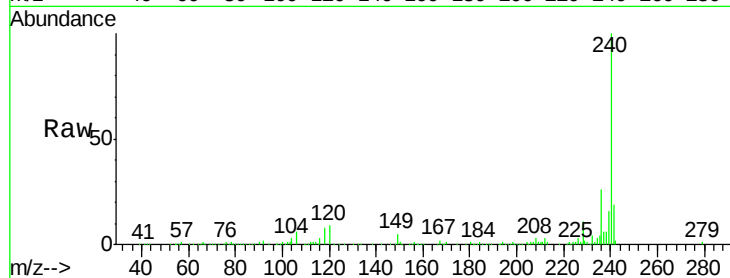
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	240	Resp:	261816
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.8	10.2
236	25.7	20.2	30.2

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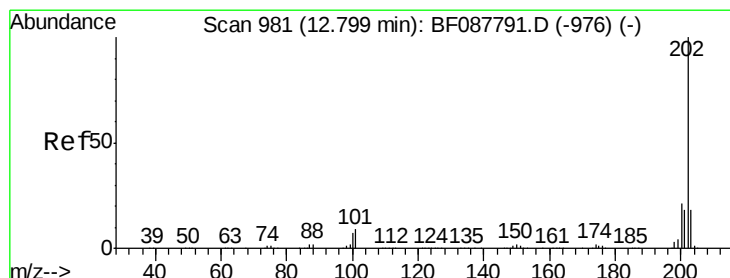
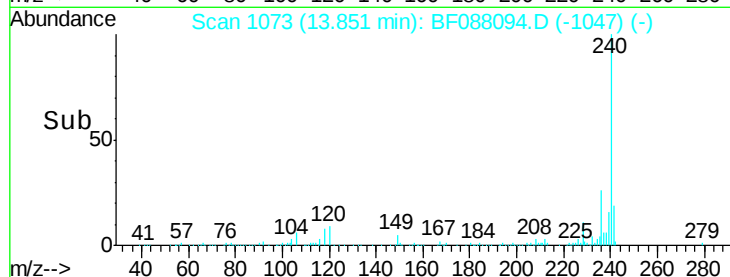
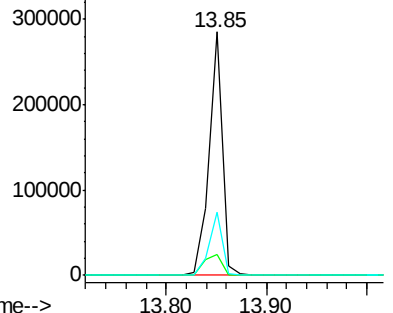
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 41.56 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF088094.D

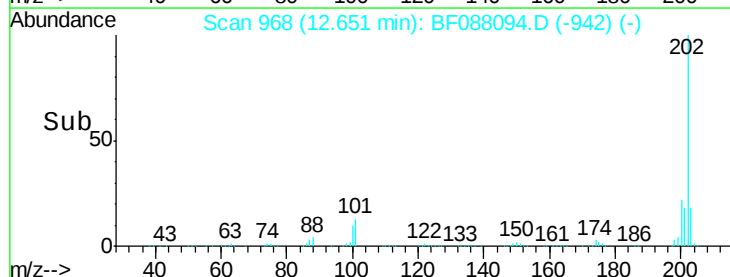
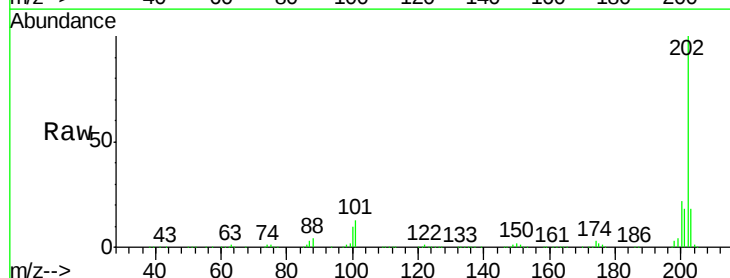
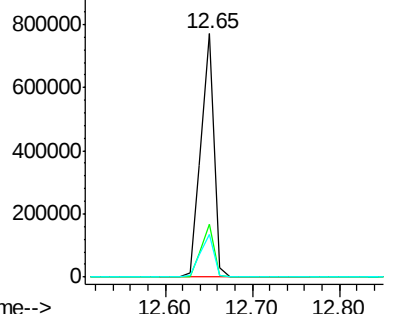
Acq: 17 Jun 2016 15:44

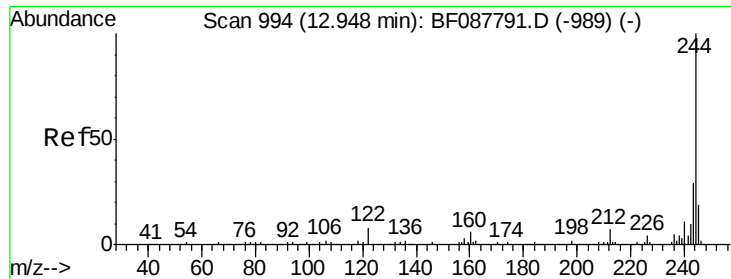
Tgt Ion:	202	Resp:	807431
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.6	14.5	21.7

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





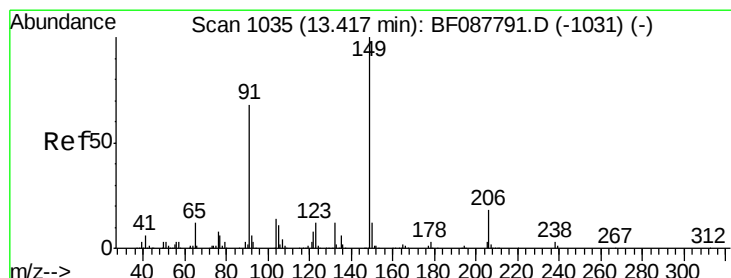
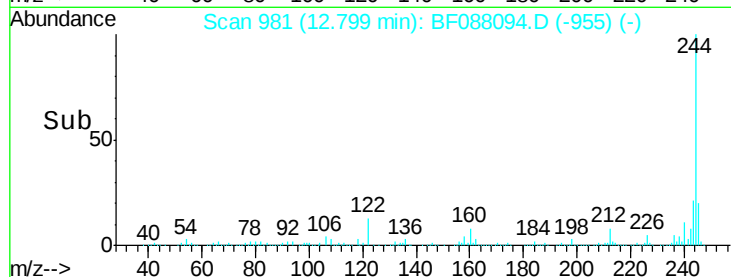
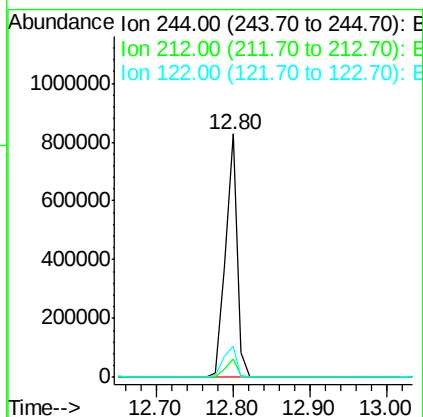
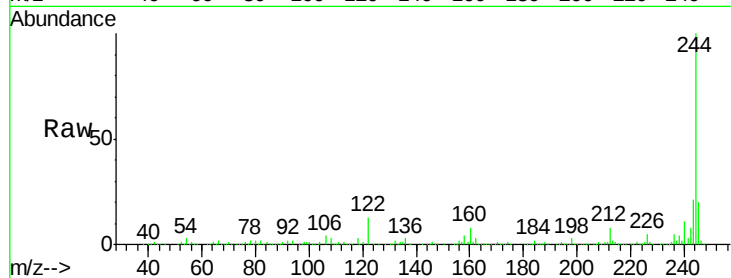
#78
 Terphenyl-d14
 Concen: 78.07 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	6.0	9.0	
122	12.9	11.2	16.8	

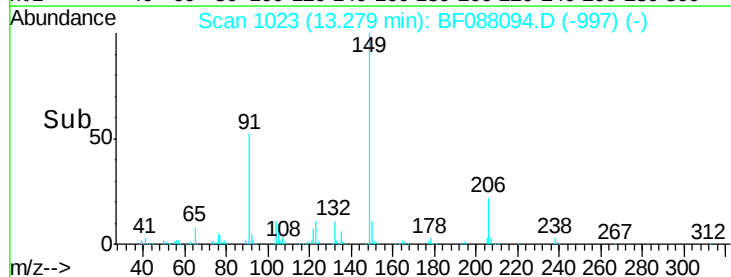
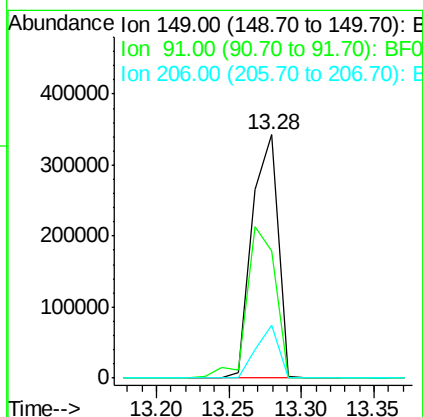
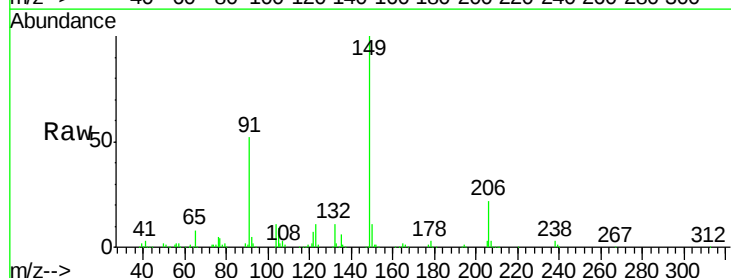
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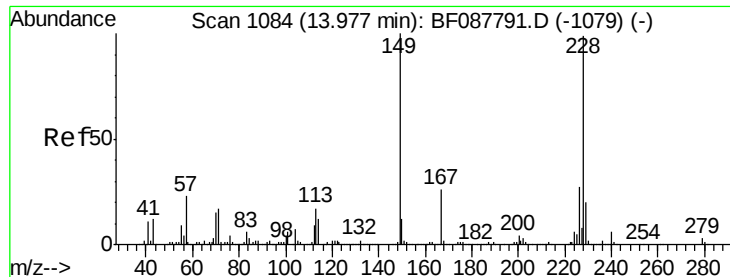
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#79
 Butylbenzylphthalate
 Concen: 49.52 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	52.4	48.0	72.0	
206	21.9	16.0	24.0	





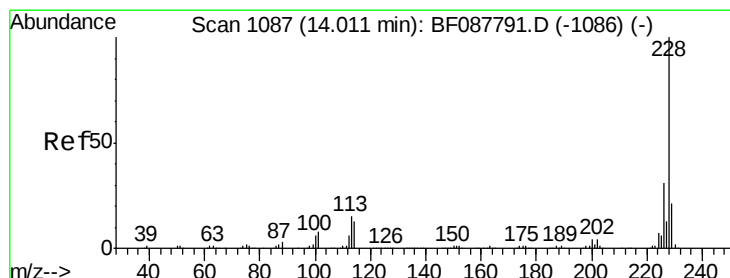
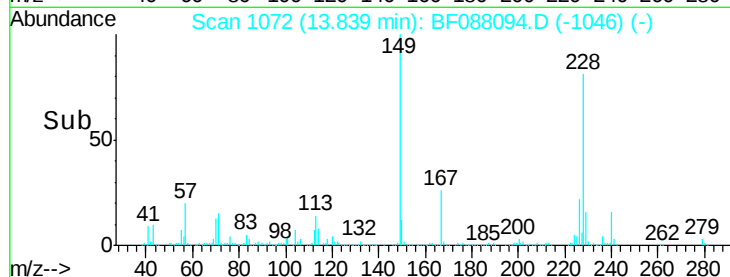
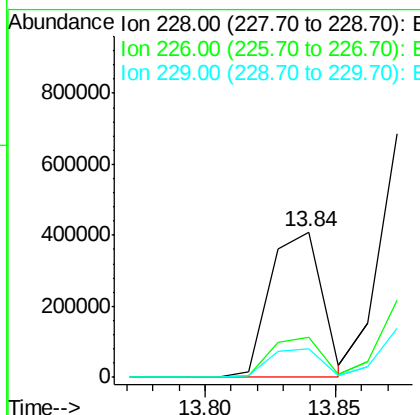
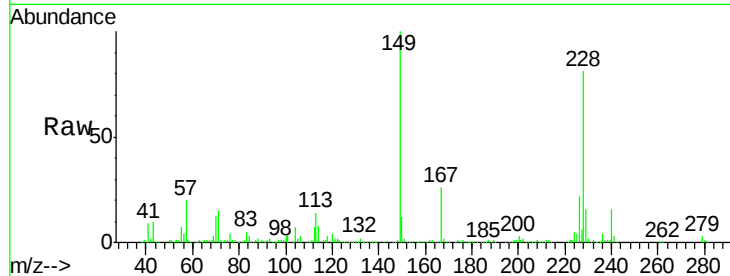
#80
Benzo(a)anthracene
Concen: 37.53 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	559985		
226	27.3		22.3	33.5
229	19.7		16.0	24.0

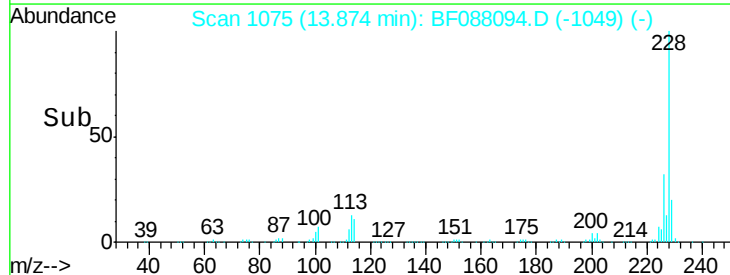
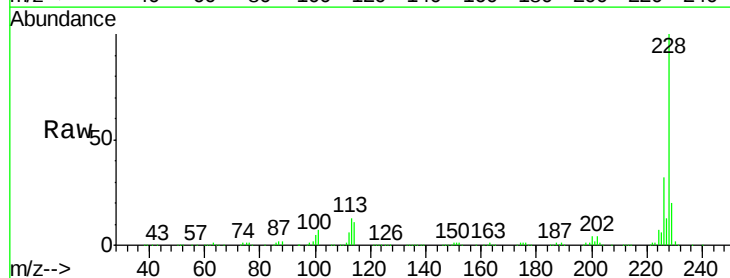
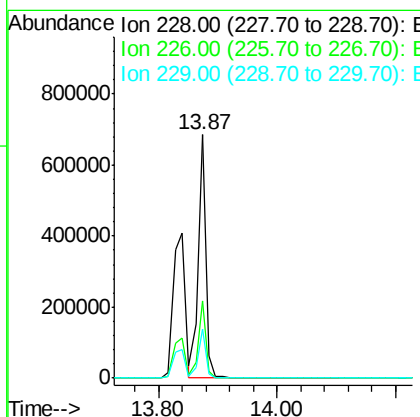
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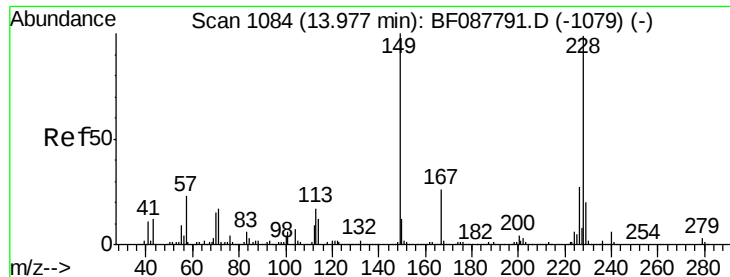
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#82
Chrysene
Concen: 44.98 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	631419		
226	31.7		25.4	38.2
229	20.3		16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.59 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

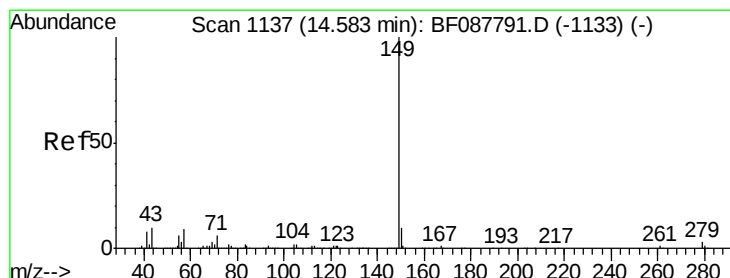
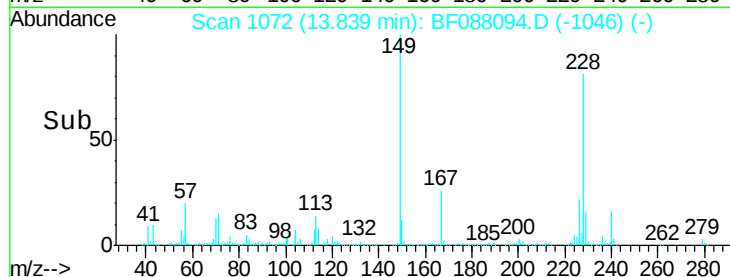
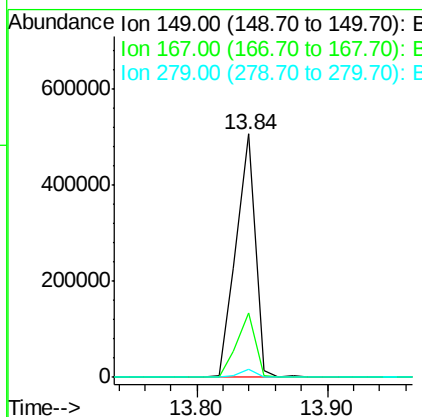
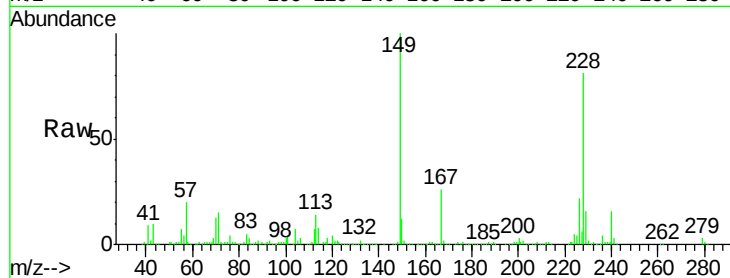
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	149	Resp:	518515
Ion Ratio		Lower	Upper
149	100		
167	26.3	20.5	30.7
279	3.5	2.0	3.0#

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#84

Di-n-octyl phthalate

Concen: 53.13 ng

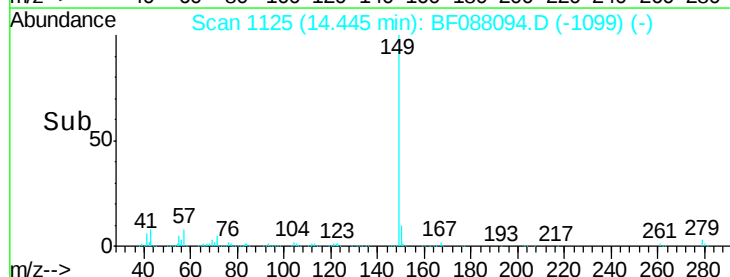
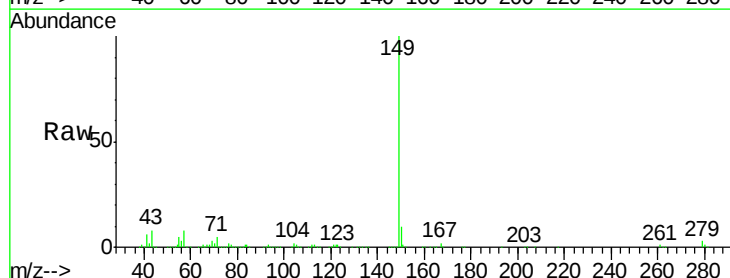
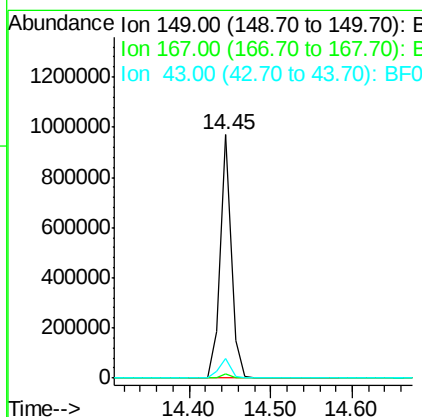
RT: 14.45 min Scan# 1125

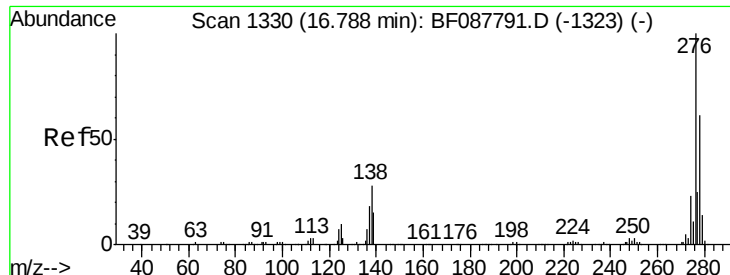
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	149	Resp:	902668
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.3	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.41 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:276 Resp: 357515

Ion Ratio Lower Upper

276 100

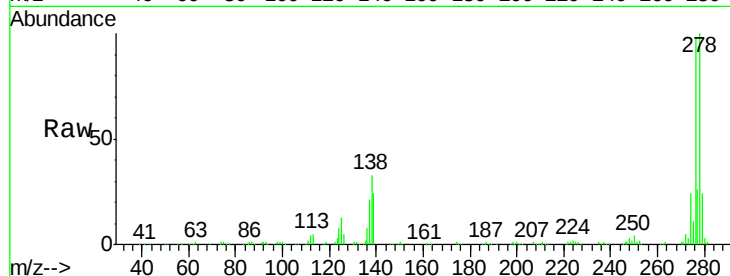
138 34.3 0.0 0.0#

277 25.7 0.0 0.0#

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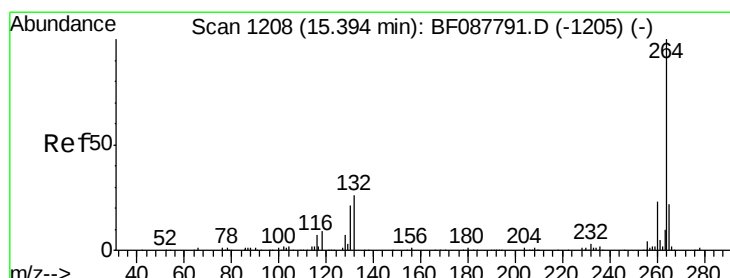
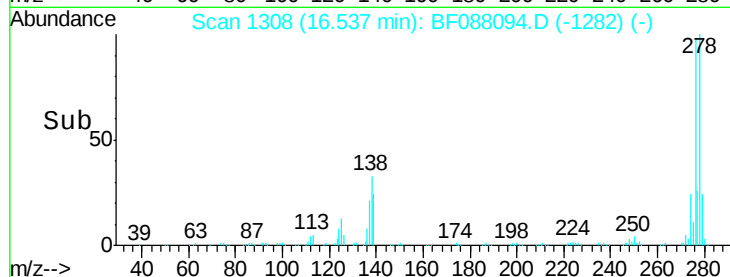
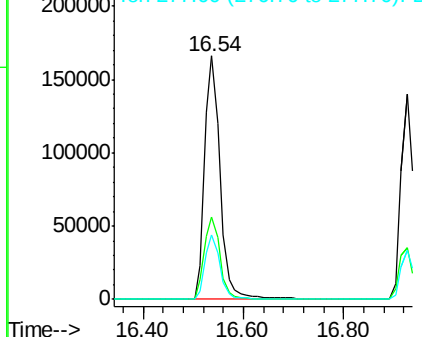
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

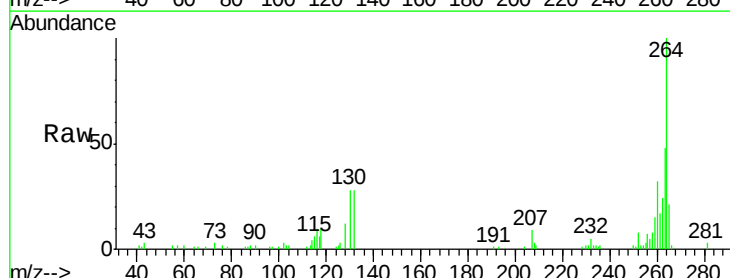
Tgt Ion:264 Resp: 36888

Ion Ratio Lower Upper

264 100

260 32.1 19.2 28.8#

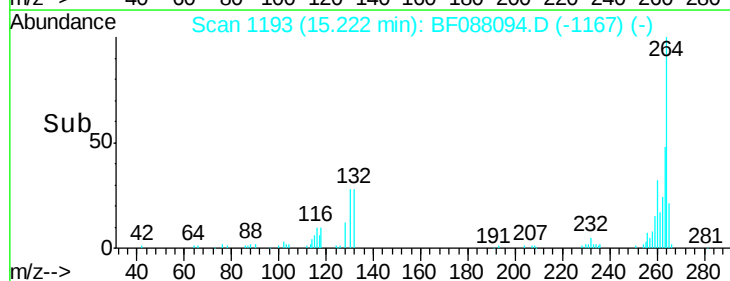
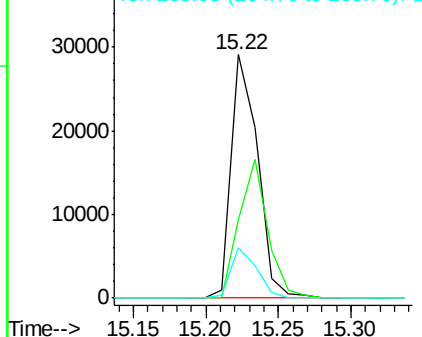
265 20.9 16.9 25.3

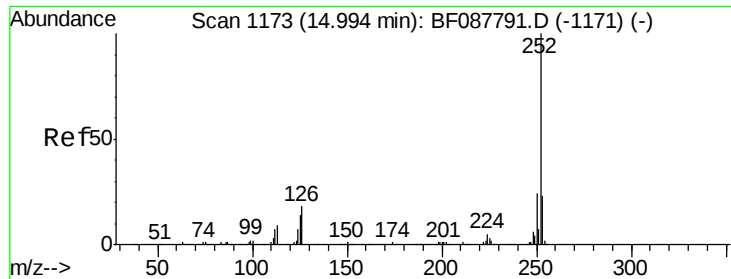


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 211.28 ng m

RT: 14.85 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Instrument :

BNA_F

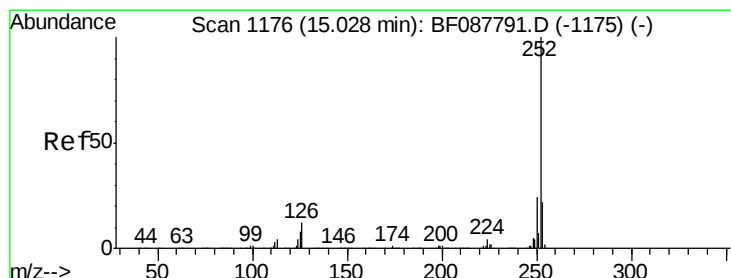
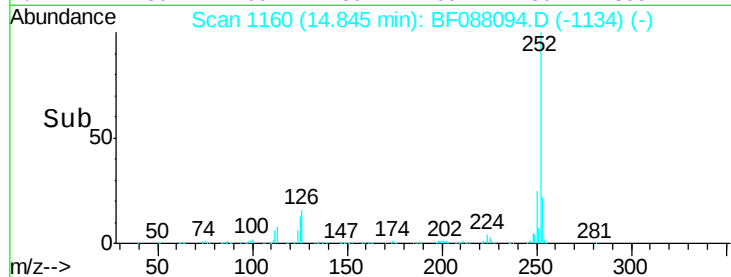
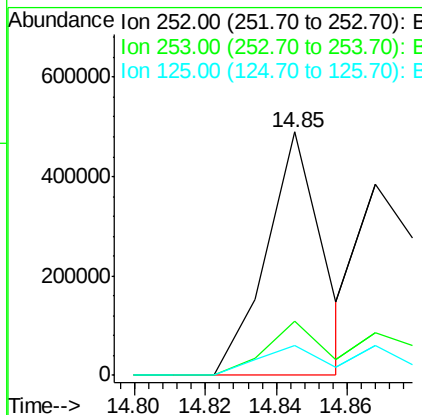
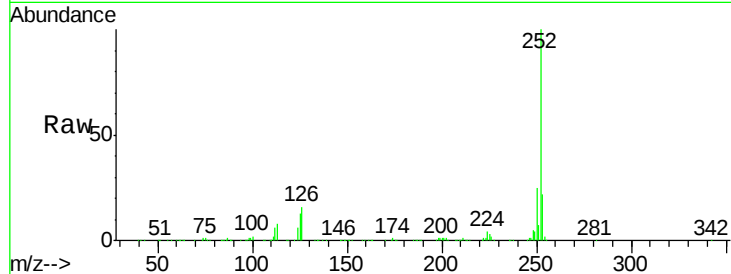
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	252	Resp:	543222
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	12.5	7.1	10.7#

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#88

Benzo(k)fluoranthene

Concen: 242.06 ng m

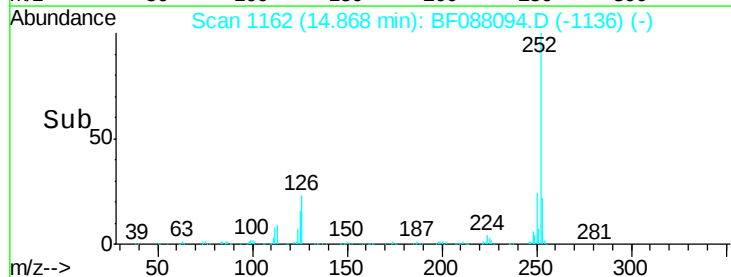
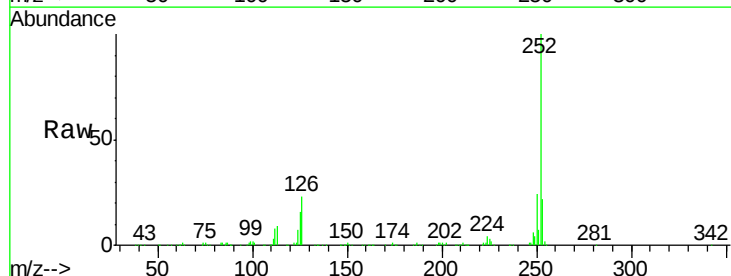
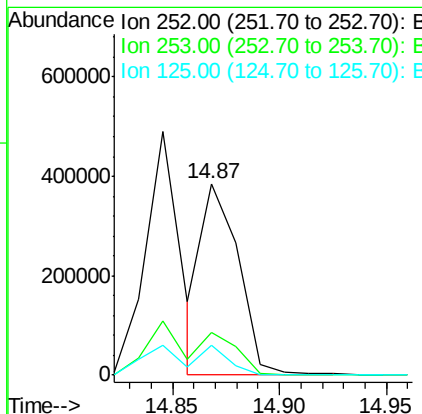
RT: 14.87 min Scan# 1162

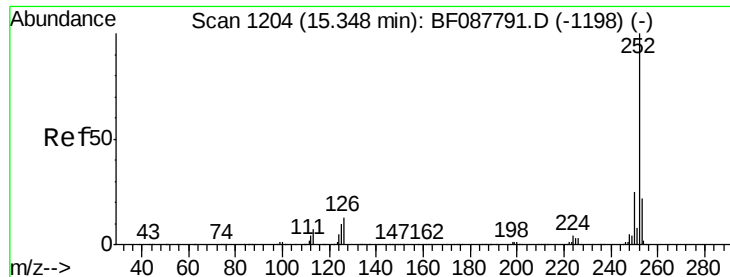
Delta R.T. -0.00 min

Lab File: BF088094.D

Acq: 17 Jun 2016 15:44

Tgt Ion:	252	Resp:	469466
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	15.9	11.2	16.8





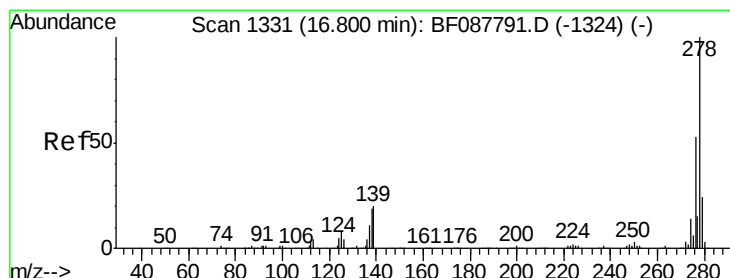
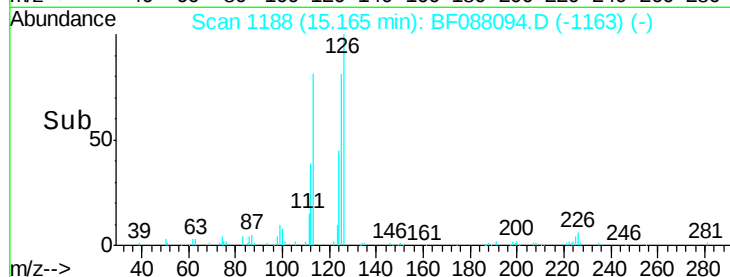
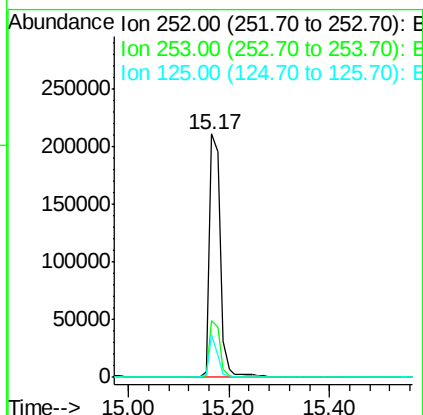
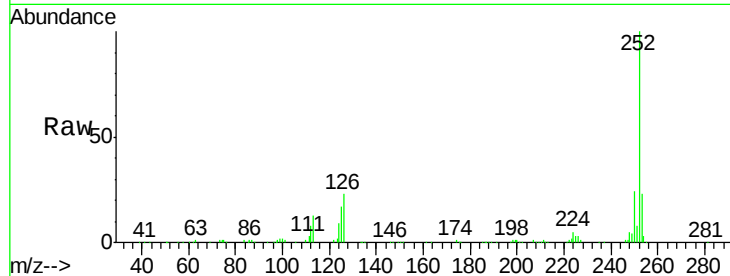
#89
Benzo(a)pyrene
Concen: 154.43 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	17.5	12.5	18.7

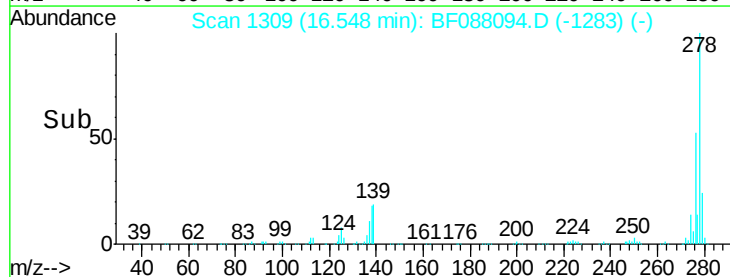
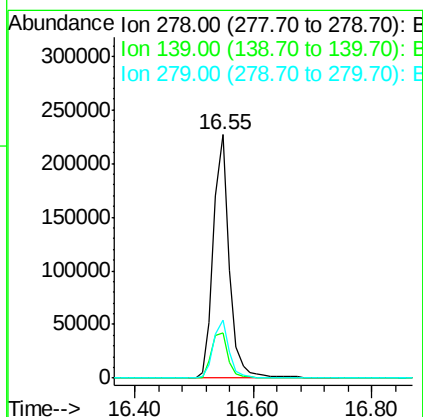
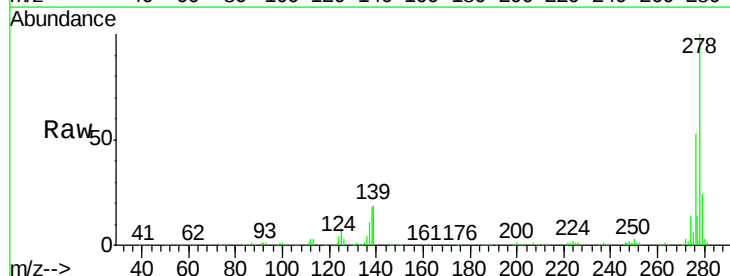
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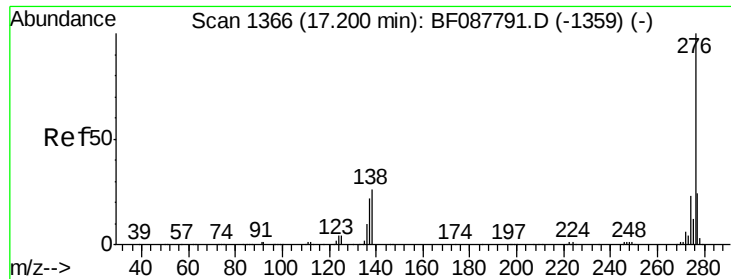
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#90
Dibenzo(a,h)anthracene
Concen: 219.32 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF088094.D
Acq: 17 Jun 2016 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.7	23.5
279	23.8	19.4	29.2





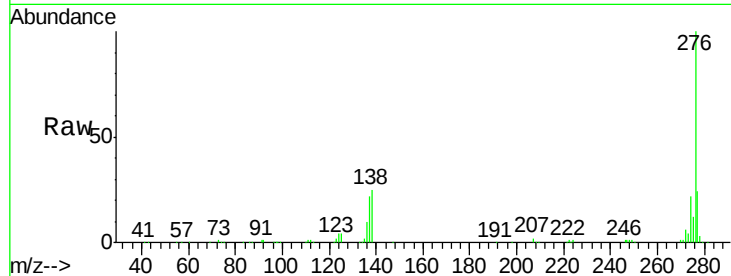
#91
 Benzo(a,h,i)perylene
 Concen: 141.17 ng
 RT: 16.93 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF088094.D
 Acq: 17 Jun 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tot Ion:	276	Resp:	280555
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.9	28.3
138	25.3	21.4	32.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

