

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088093.D
 Acq On : 17 Jun 2016 15:15
 Operator : UM/SJ
 Sample : H3510-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 17 17:57:29 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	117684	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	503534	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	231514	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	428806	20.00	ng	0.00
75) Chrysene-d12	13.85	240	280792	20.00	ng	0.00
86) Perylene-d12	15.23	264	45762	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	758680	110.21	ng	0.03
7) Phenol-d6	6.35	99	857852	102.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	608422	70.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	237368	97.10	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1205177	81.55	ng	-0.01
78) Terphenyl-d14	12.80	244	942983	76.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	100549	30.06	ng	# 87
3) Pyridine	3.10	79	129670m	16.42	ng	
4) n-Nitrosodimethylamine	2.96	42	118875	35.54	ng	82
8) 2-Chlorophenol	6.49	128	323912	39.75	ng	88
9) Benzaldehyde	6.25	77	15575	2.68	ng	98
10) Phenol	6.36	94	267224	30.20	ng	86
11) bis(2-Chloroethyl)ether	6.44	93	288089	39.38	ng	89
12) 1,3-Dichlorobenzene	6.64	146	333911m	38.19	ng	
13) 1,4-Dichlorobenzene	6.72	146	334791	38.02	ng	96
14) 1,2-Dichlorobenzene	6.87	146	313354m	39.13	ng	
15) Benzyl Alcohol	6.86	79	68327	10.47	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	375576	38.00	ng	60
17) 2-Methylphenol	6.97	107	242037	36.63	ng	98
18) Hexachloroethane	7.21	117	125277	40.09	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	216260	40.52	ng	# 83
20) 3+4-Methylphenols	7.13	107	301943	39.16	ng	# 80
22) Acetophenone	7.12	105	444454	39.50	ng	98
24) Nitrobenzene	7.29	77	351588	42.09	ng	99
25) Isophorone	7.53	82	611120	38.26	ng	100
26) 2-Nitrophenol	7.60	139	182378	40.76	ng	89
27) 2,4-Dimethylphenol	7.66	122	318490	38.66	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	279524	28.22	ng	99
29) 2,4-Dichlorophenol	7.85	162	282700	41.10	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	285498	38.12	ng	98
31) Naphthalene	8.00	128	995210	39.94	ng	99
32) Benzoic acid	7.80	122	208194	45.89	ng	93
34) Hexachlorobutadiene	8.12	225	145884	36.93	ng	99
35) Caprolactam	8.46	113	81136m	35.61	ng	
36) 4-Chloro-3-methylphenol	8.56	107	292618	39.78	ng	97
37) 2-Methylnaphthalene	8.70	142	626421	38.14	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	274734	45.91	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	193471	51.81	ng	98
42) 2,4,6-Trichlorophenol	8.98	196	191531	41.37	ng	96
43) 2,4,5-Trichlorophenol	9.04	196	183801	38.16	ng	98

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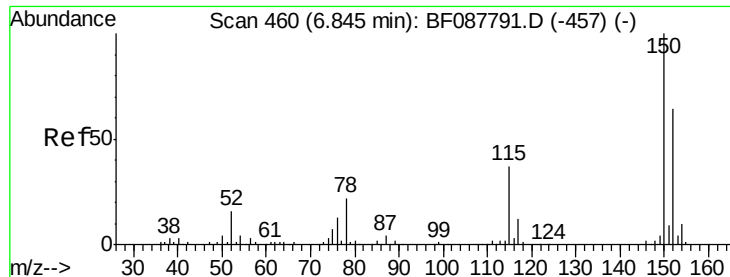
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.16	154	774970	44.53	nq	98
46) 2-Chloronaphthalene	9.19	162	605289	40.40	nq	98
47) 2-Nitroaniline	9.29	65	104759	23.70	nq #	69
48) Acenaphthylene	9.60	152	773868	32.47	nq	100
49) Dimethylphthalate	9.47	163	703217	41.93	nq	99
50) 2,6-Dinitrotoluene	9.53	165	172383	44.88	nq #	64
51) Acenaphthene	9.77	154	531609	35.76	nq	99
53) 2,4-Dinitrophenol	9.82	184	160404	76.96	nq #	84
54) Dibenzofuran	9.94	168	736545	35.98	nq #	88
55) 4-Nitrophenol	9.88	139	201933	58.71	nq #	79
56) 2,4-Dinitrotoluene	9.94	165	207173	41.97	nq #	69
57) Fluorene	10.28	166	571802	40.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	148844	39.32	nq #	53
59) Diethylphthalate	10.17	149	692240	40.78	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	261619	38.43	nq #	84
61) 4-Nitroaniline	10.31	138	46969	11.17	nq	97
62) Azobenzene	10.43	77	590034	35.15	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	104691	39.51	nq	95
65) n-Nitrosodiphenylamine	10.40	169	77309	5.43	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	173121	37.63	nq #	84
67) Hexachlorobenzene	10.83	284	198053	41.43	nq #	80
69) Pentachlorophenol	11.03	266	182649	72.49	nq	97
70) Phenanthrene	11.24	178	964739	42.87	nq	99
71) Anthracene	11.29	178	820834	36.16	nq	100
72) Carbazole	11.45	167	129163	6.08	nq	96
73) Di-n-butylphthalate	11.78	149	1043022	38.79	nq	99
74) Fluoranthene	12.42	202	803735	33.85	nq	98
77) Pylene	12.65	202	759557	36.45	nq	100
79) Butylbenzylphthalate	13.28	149	437246	47.46	nq	99
80) Benzo(a)anthracene	13.84	228	620916	38.80	nq	100
82) Chrysene	13.87	228	568008	37.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	492504	43.92	nq #	100
84) Di-n-octyl phthalate	14.45	149	931079	51.10	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	371889	26.59	nq #	100
87) Benzo(b)fluoranthene	14.85	252	567990m	178.08	nq	
88) Benzo(k)fluoranthene	14.88	252	538252m	223.71	nq	
89) Benzo(a)pyrene	15.18	252	347421	134.63	nq #	96
90) Dibenzo(a,h)anthracene	16.55	278	439939	183.56	nq	99
91) Benzo(g,h,i)perylene	16.93	276	291345	118.17	nq	99

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



#1

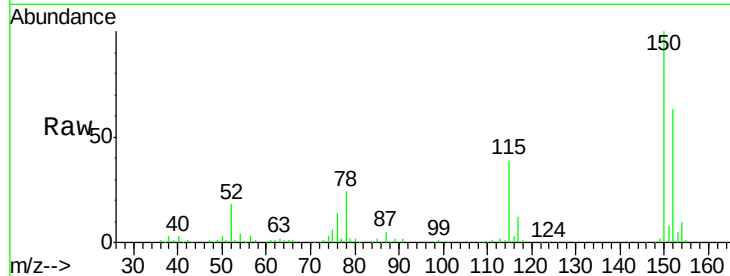
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

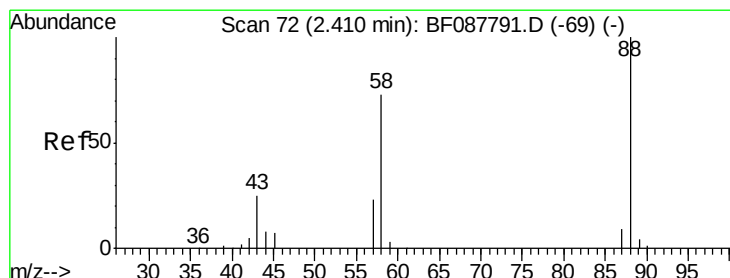
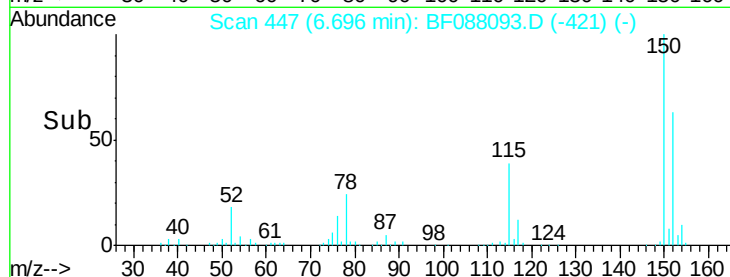
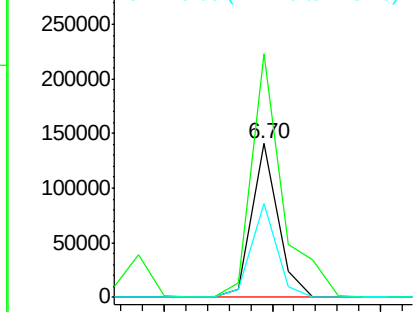
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	61.4	39.6	59.4

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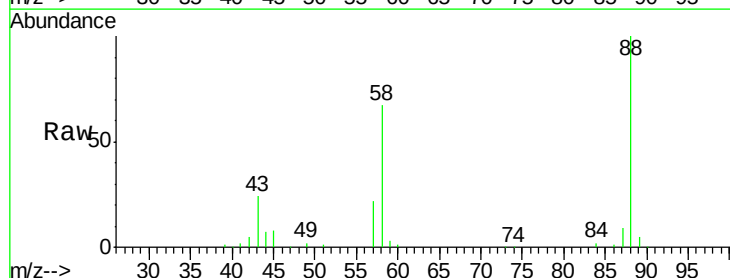
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



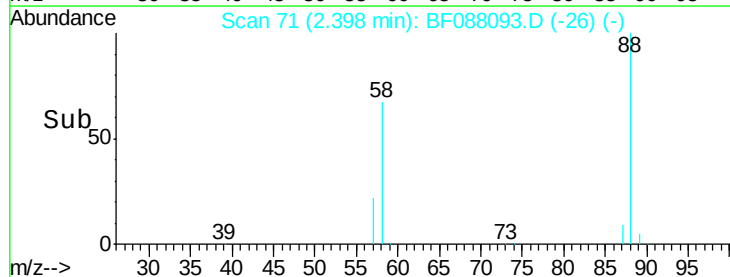
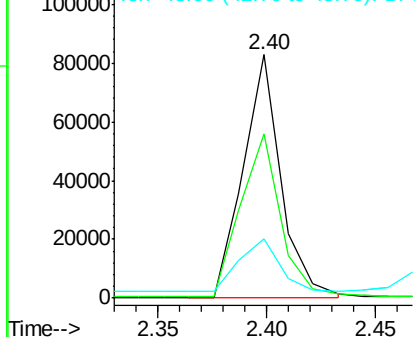
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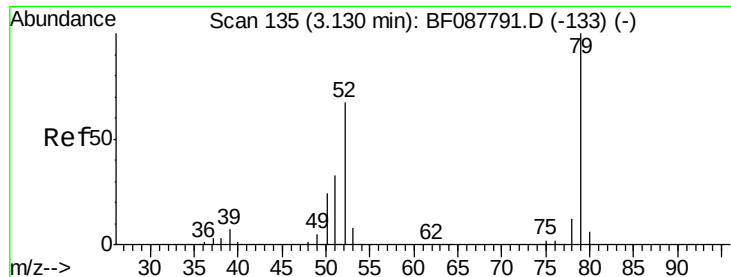
1,4-Dioxane
Concen: 30.06 ng
RT: 2.40 min Scan# 71
Delta R.T. 0.22 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	0.0	0.0
43	0.0	3.4	5.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.42 ng/ml

RT: 3.10 min Scan# 132

Delta R.T. 0.25 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

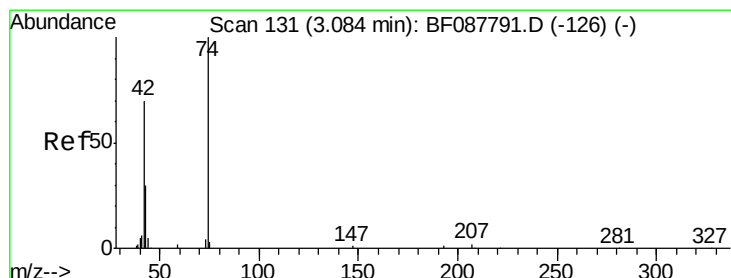
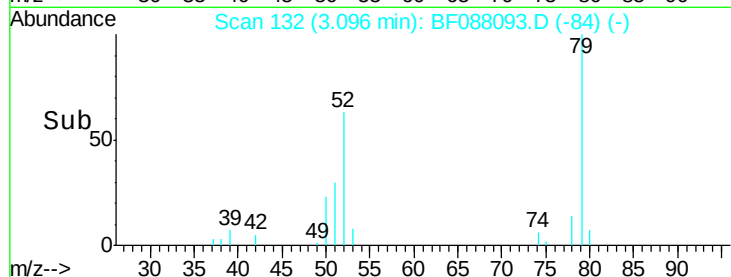
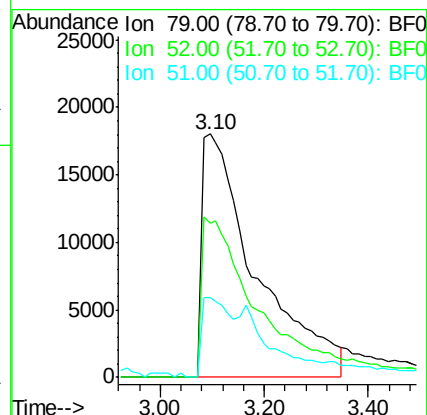
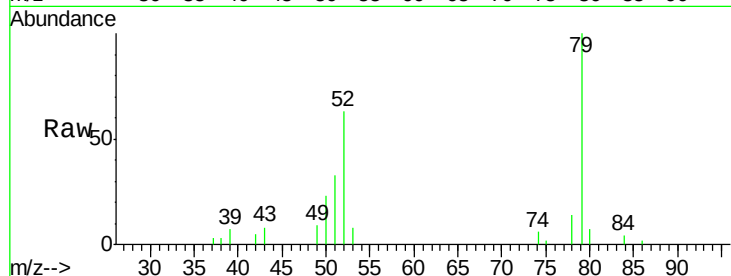
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		129670		
52	63.0	56.3	84.5		
51	32.5	27.4	41.2		

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#4

n-Nitrosodimethylamine

Concen: 35.54 ng/ml

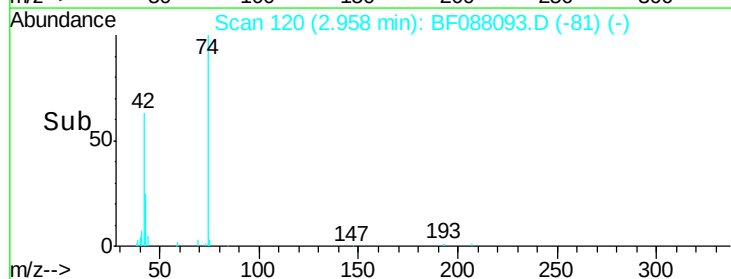
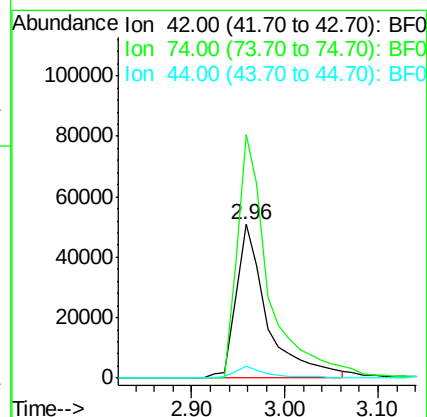
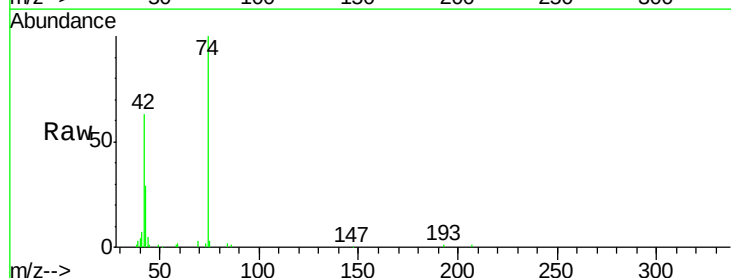
RT: 2.96 min Scan# 120

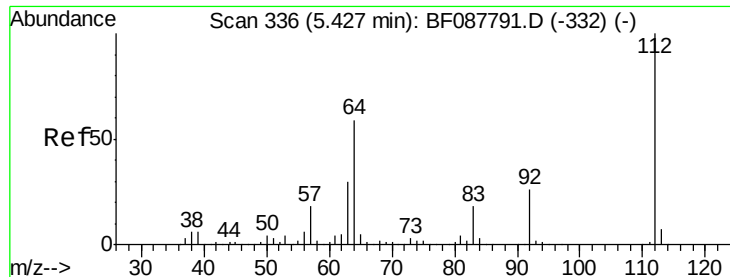
Delta R.T. 0.15 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		118875		
74	158.5	108.6	163.0		
44	7.5	5.5	8.3		





#5

2-Fluorophenol

Concen: 110.21 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.03 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

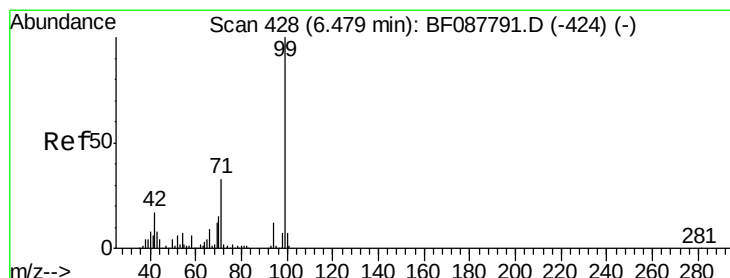
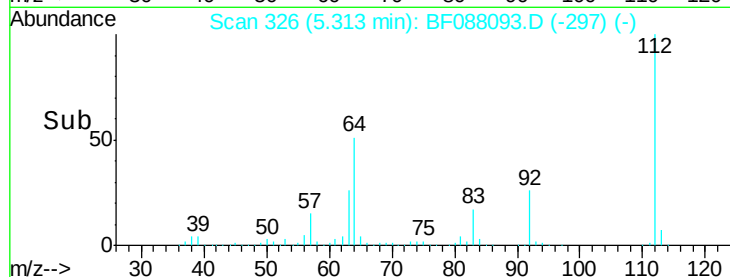
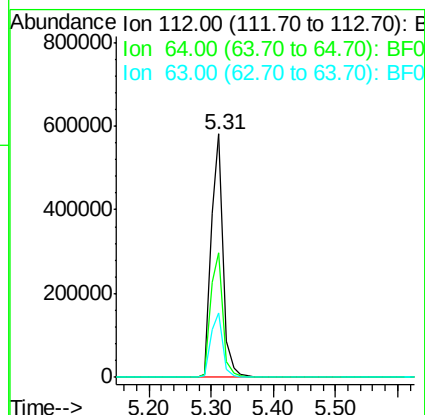
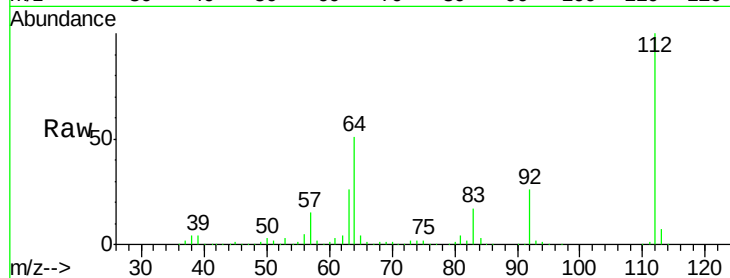
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		758680		
64	51.2	42.2	63.2		
63	26.3	21.8	32.8		

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#7

Phenol-d6

Concen: 102.83 ng

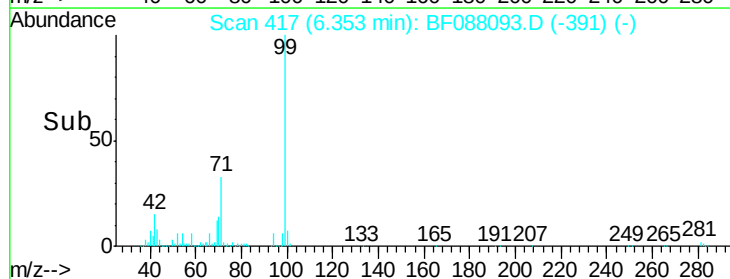
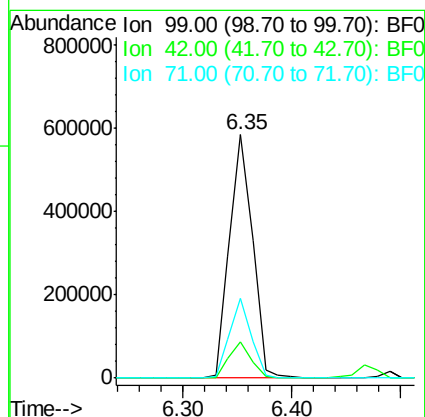
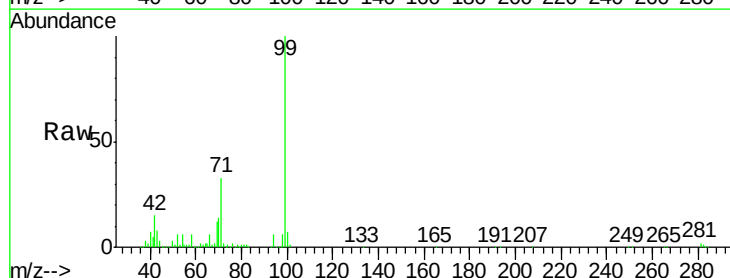
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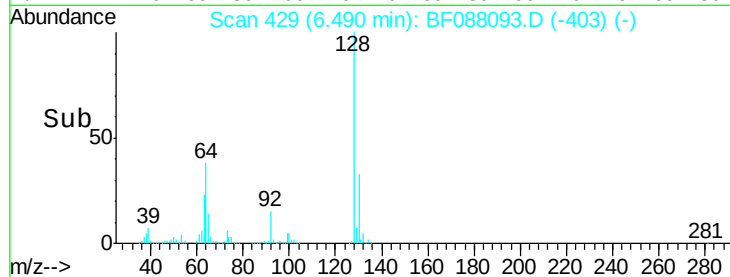
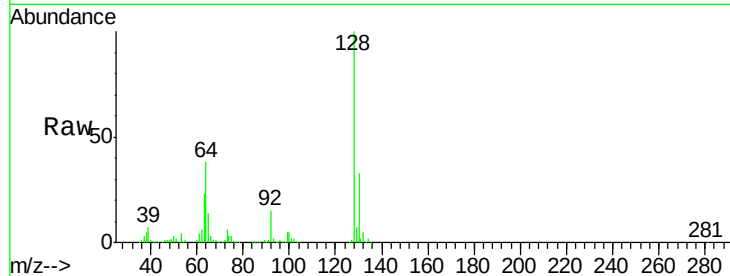
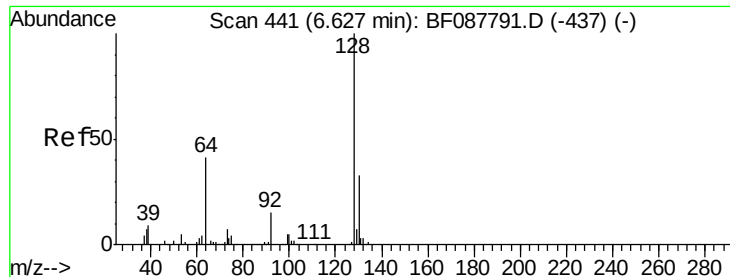
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		857852		
42	15.2	12.2	18.2		
71	32.8	23.4	35.0		





#8

2-Chlorophenol

Concen: 39.75 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tot Ion:	128	Resp:	323912
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	38.2	30.8	70.8

Instrument :

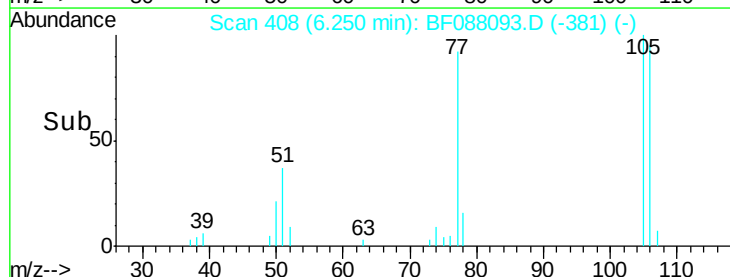
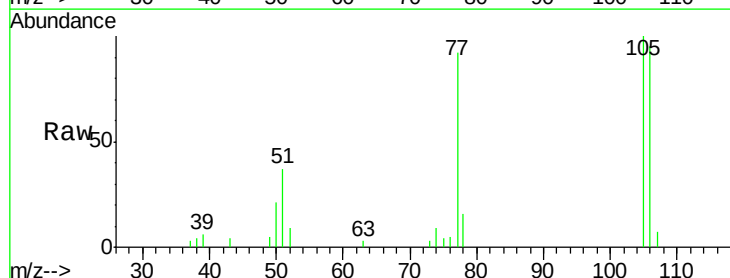
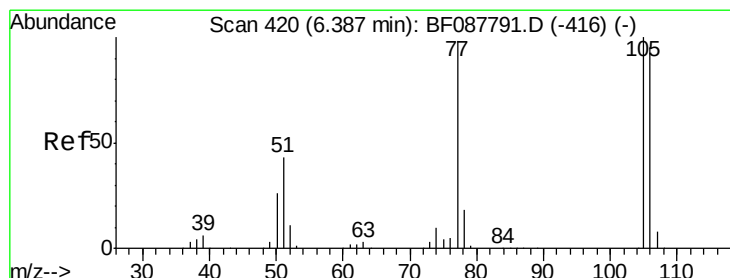
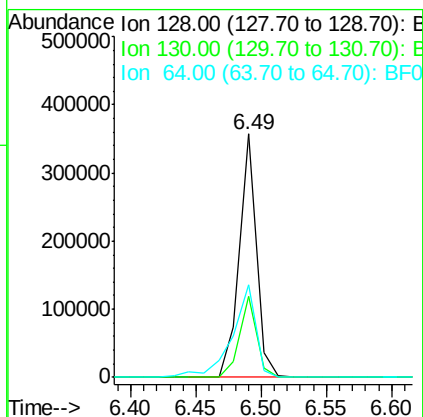
BNA_F

ClientSampleId :

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#9

Benzaldehyde

Concen: 2.68 ng

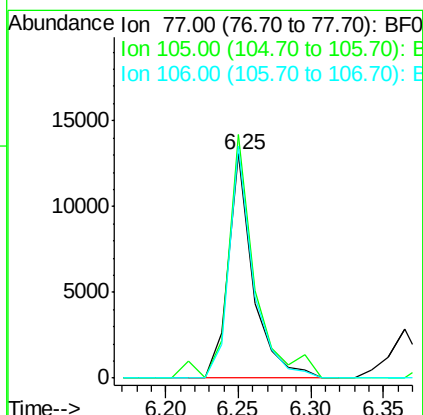
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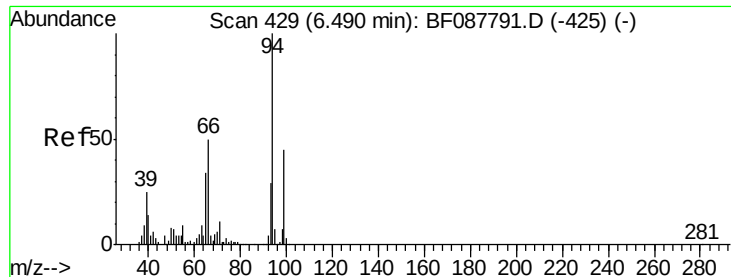
Delta R.T. 0.01 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	77	Resp:	15575
Ion Ratio	Lower	Upper	
77	100		
105	108.6	90.6	130.6
106	103.6	85.3	125.3





#10

Phenol

Concen: 30.20 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

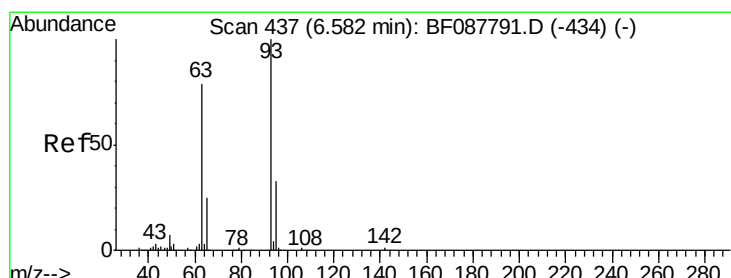
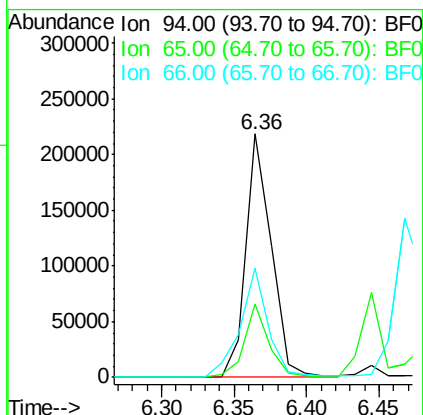
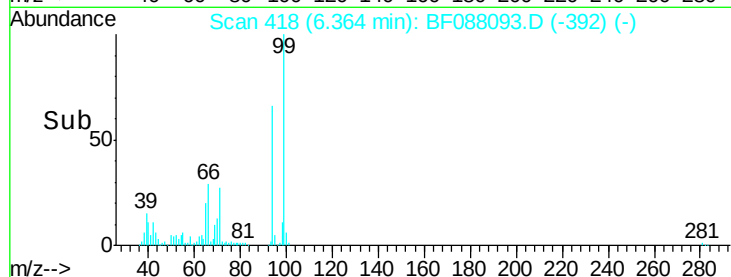
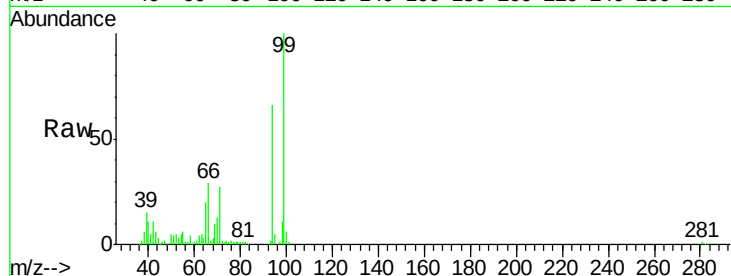
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	94	Resp:	267224
Ion Ratio	Lower	Upper	
94	100		
65	30.3	5.9	45.9
66	44.6	14.0	54.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

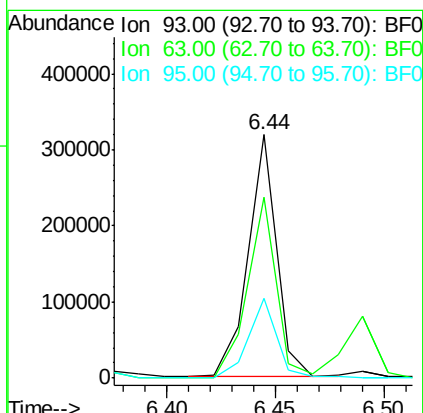
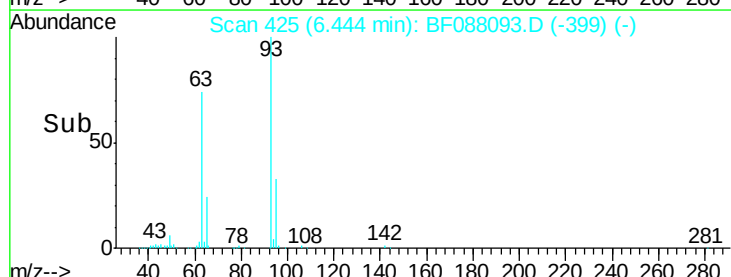
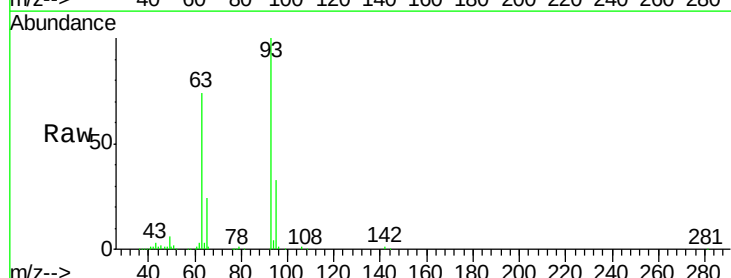
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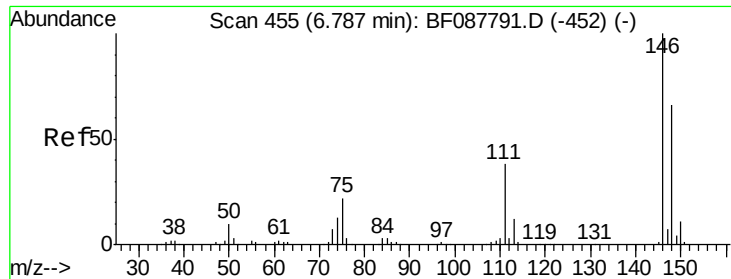
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	93	Resp:	288089
Ion Ratio	Lower	Upper	
93	100		
63	74.3	67.6	107.6
95	33.0	12.5	52.5





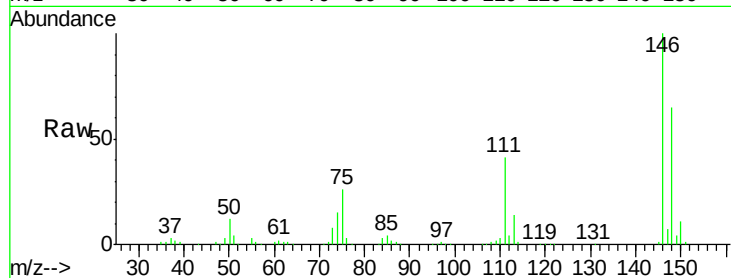
#12
 1,3-Dichlorobenzene
 Concen: 38.19 ng/ml
 RT: 6.64 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

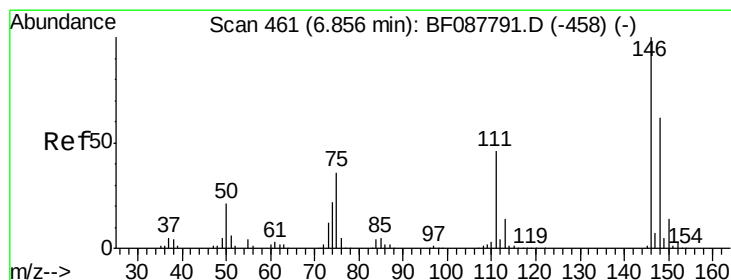
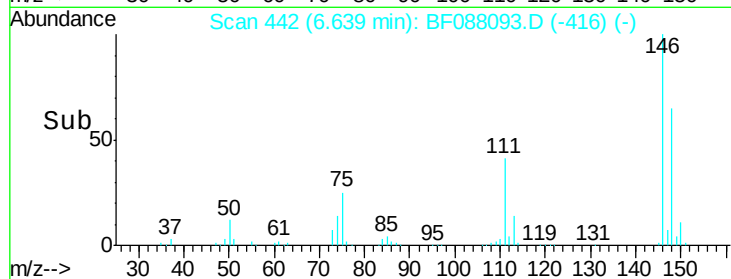
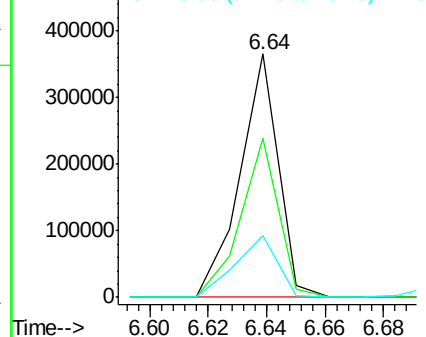
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
75	25.5	25.6	38.4

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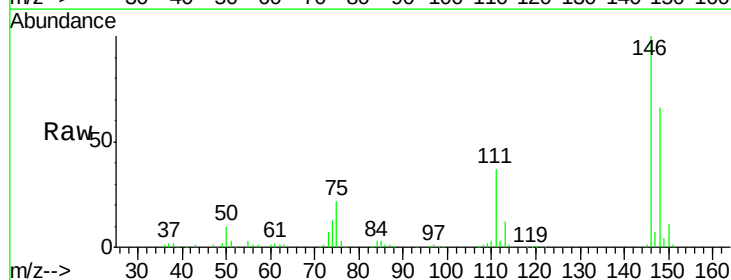


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

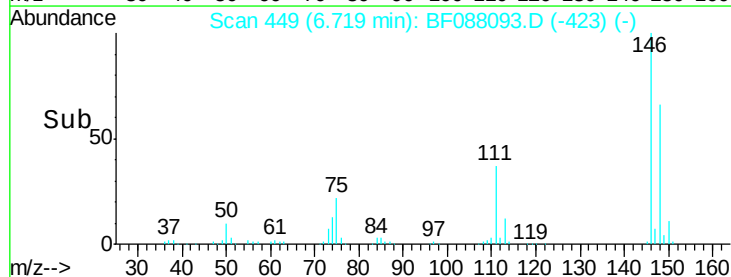
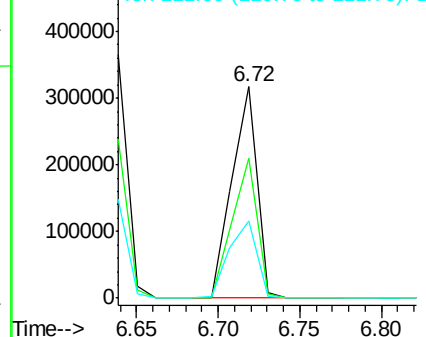


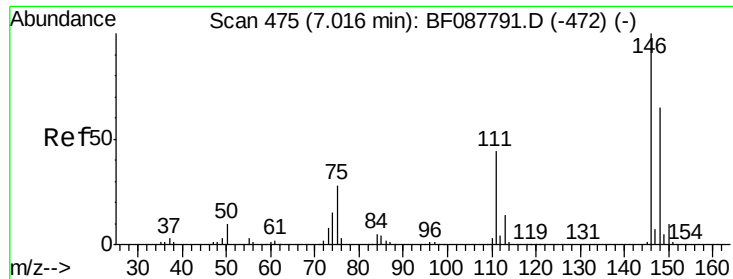
#13
 1,4-Dichlorobenzene
 Concen: 38.02 ng/ml
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.0	78.0
111	36.5	33.8	50.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 39.13 ng/mL

RT: 6.87 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

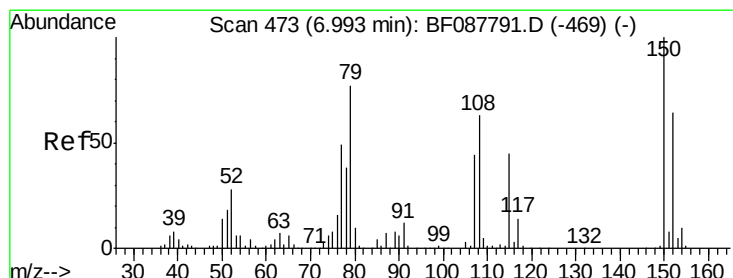
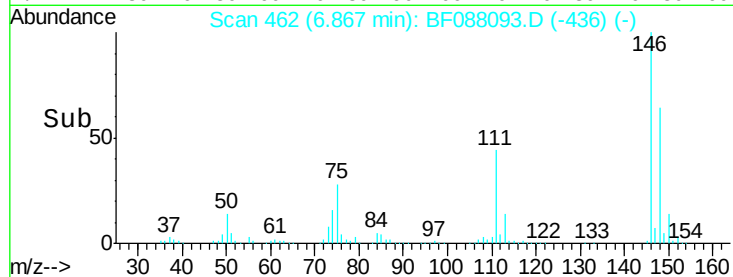
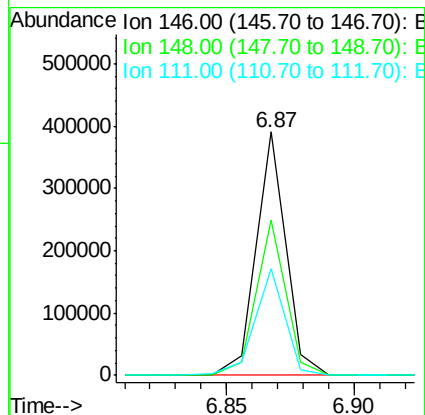
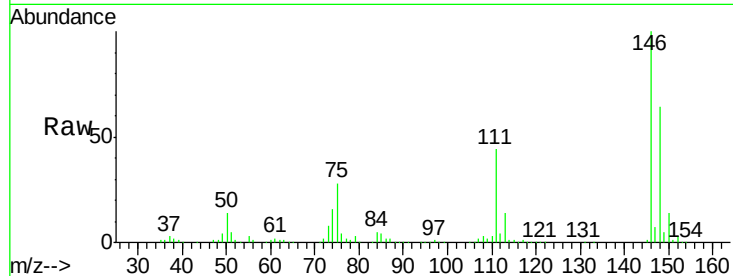
ClientSampleID :

HSR-WC-52-060916MS

Tot Ion:	146	Resp:	313354
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.3	78.5
111	44.0	28.7	43.1

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#15

Benzyl Alcohol

Concen: 10.47 ng/mL

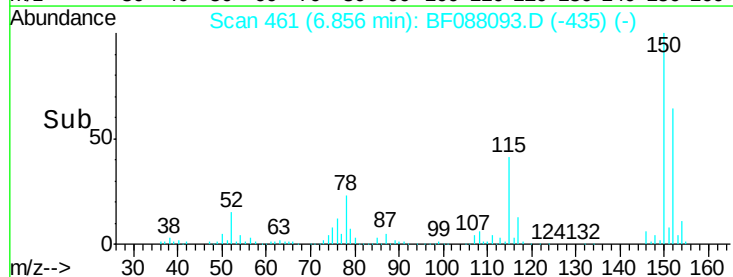
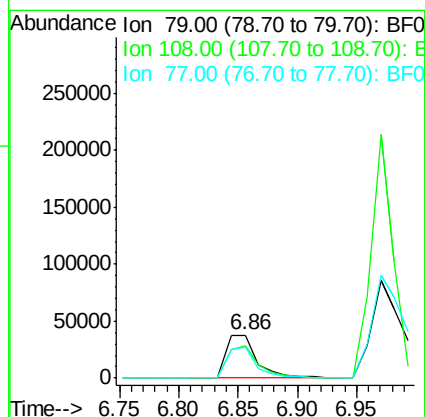
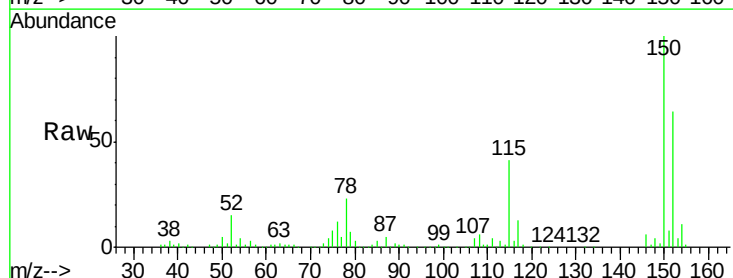
RT: 6.86 min Scan# 461

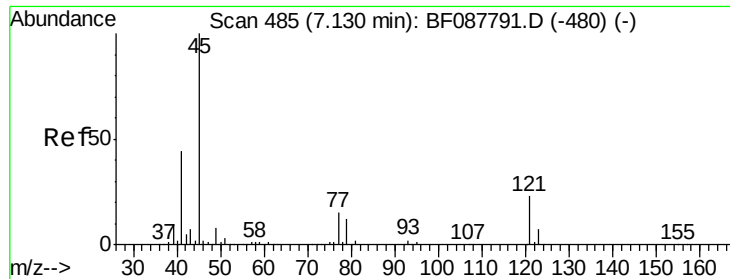
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	79	Resp:	68327
Ion Ratio	Lower	Upper	
79	100		
108	75.0	65.0	97.6
77	71.0	50.3	75.5





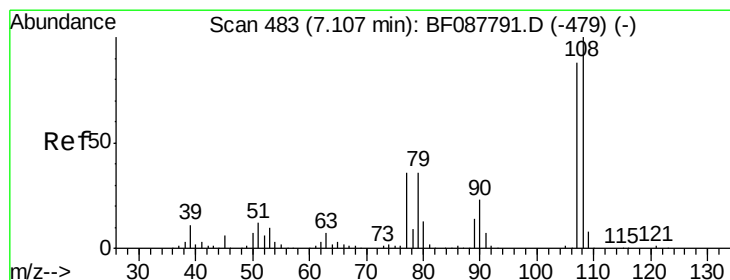
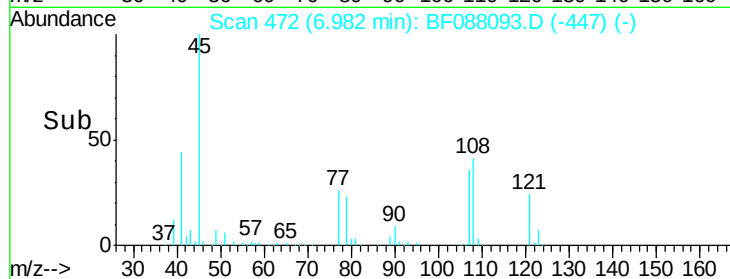
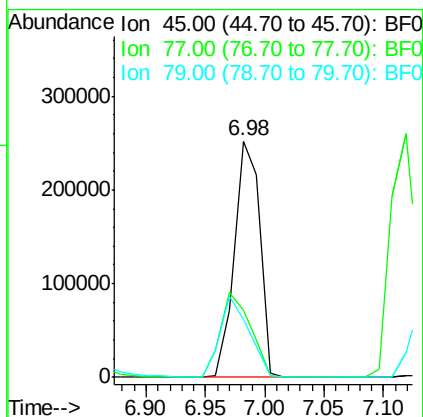
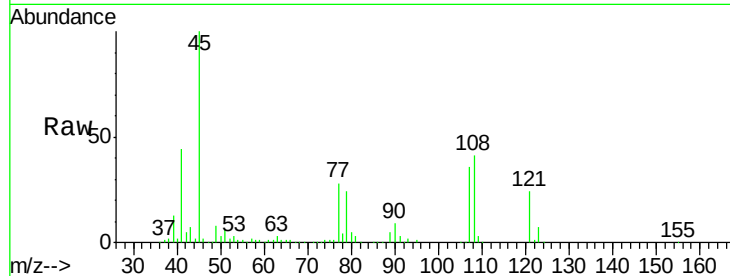
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.00 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
45	100	375576		
77	28.3		0.0	32.5
79	24.4		0.0	29.5

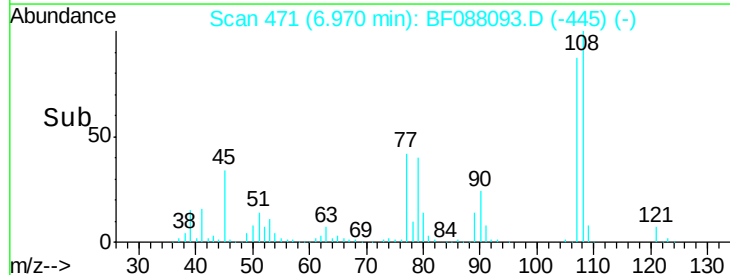
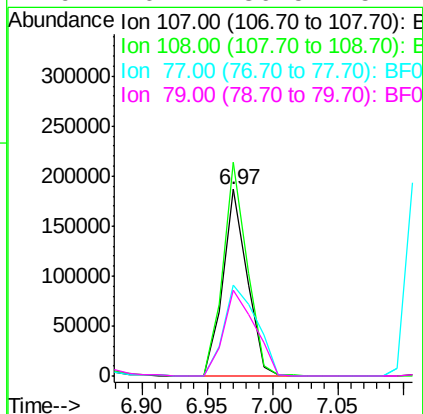
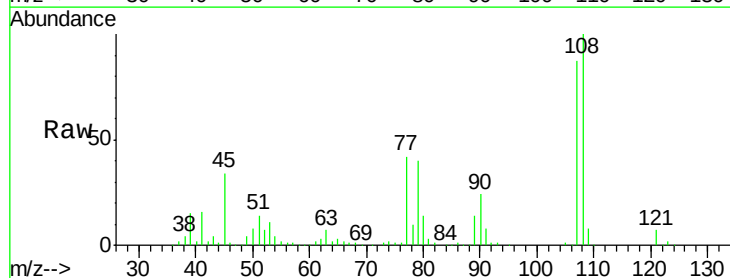
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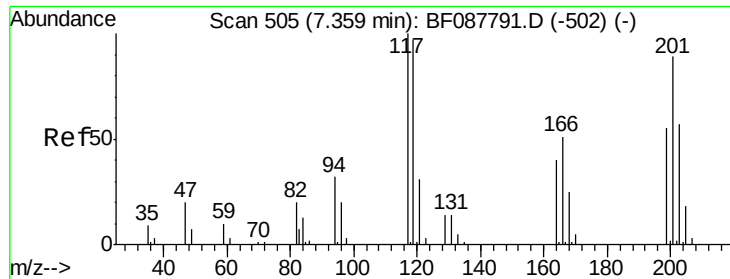
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#17
2-Methylphenol
Concen: 36.63 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	242037		
108	114.5		90.9	136.3
77	48.4		36.6	55.0
79	46.2		36.5	54.7





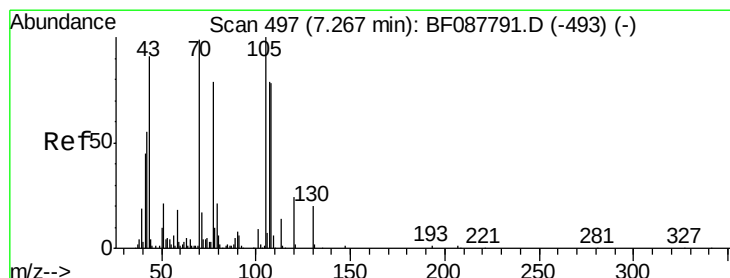
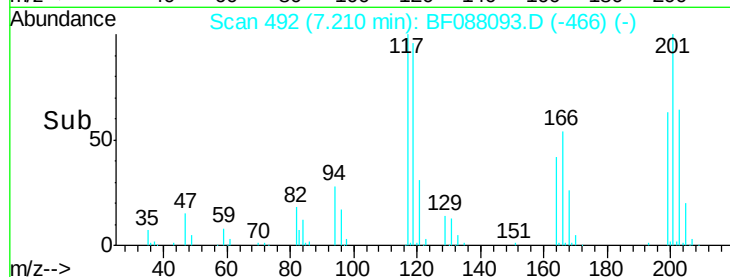
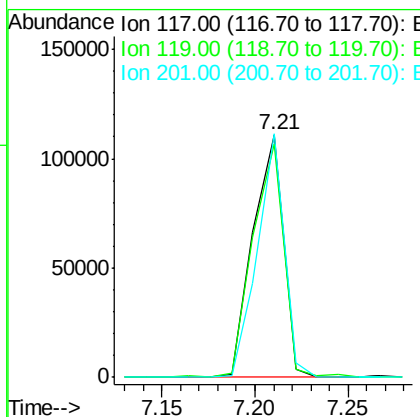
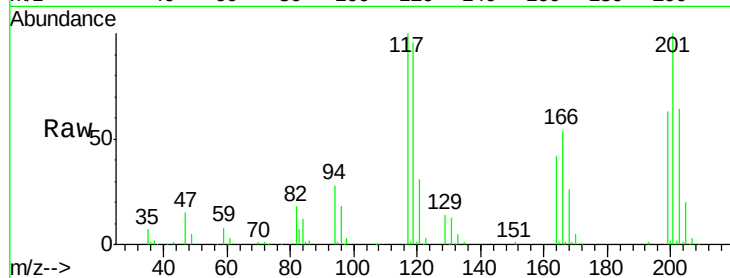
#18
Hexachloroethane
Concen: 40.09 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	125277		
119	96.3		77.4	116.2
201	100.3		80.4	120.6

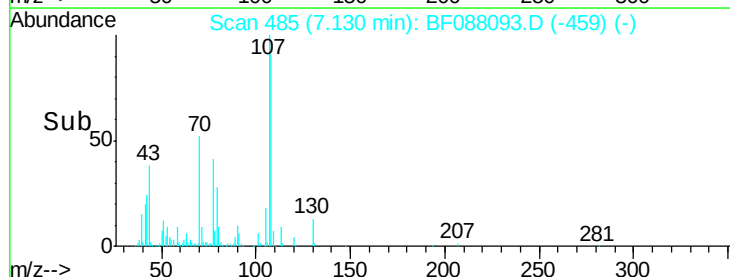
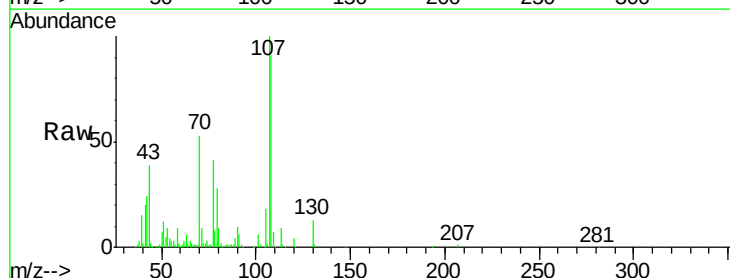
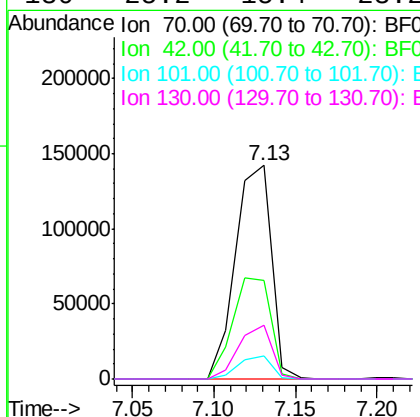
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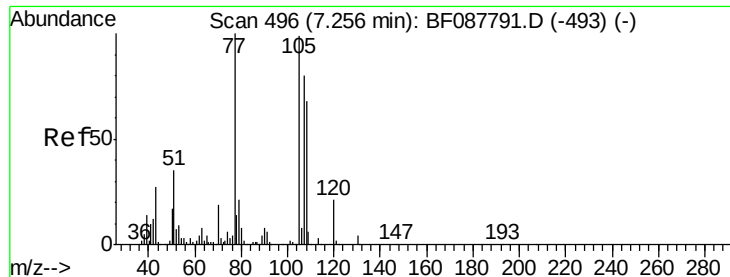
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#19
n-Nitroso-di-n-propylamine
Concen: 40.52 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	216260		
42	46.4		49.6	74.4#
101	10.7		7.1	10.7#
130	25.2		15.4	23.2#





#20

3+4-Methylphenols

Concen: 39.16 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

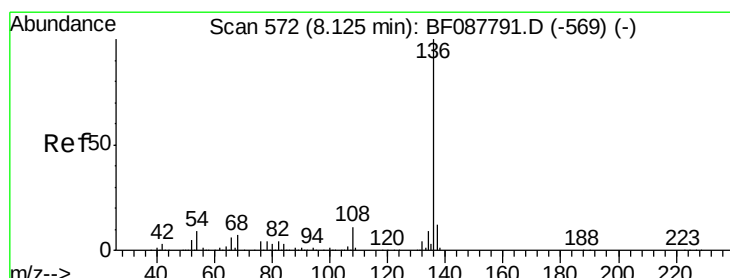
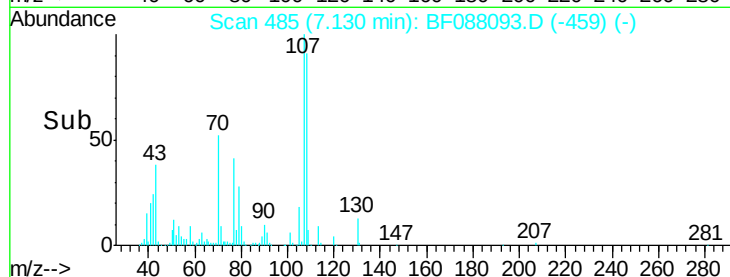
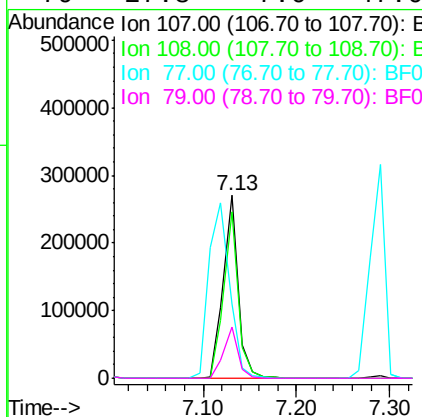
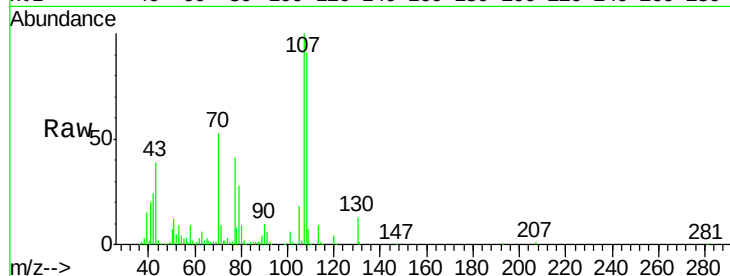
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.3	67.8	107.8	
77	40.9	59.3	99.3#	
79	27.8	7.0	47.0	

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#21

Naphthalene-d8

Concen: 20.00 ng

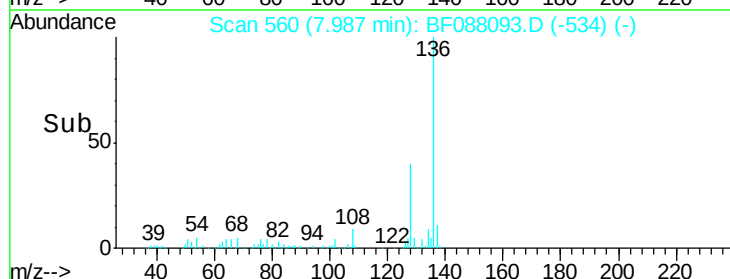
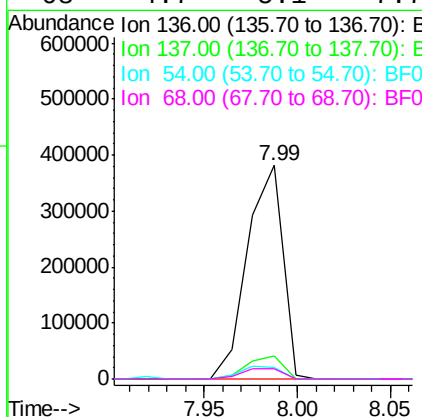
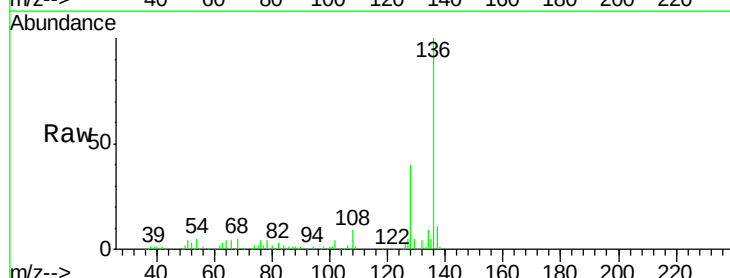
RT: 7.99 min Scan# 560

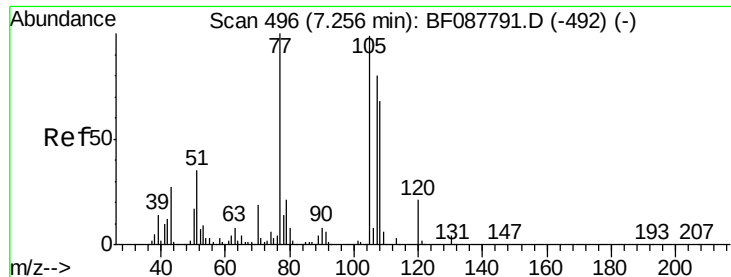
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.4	6.6	10.0#	
68	4.7	5.1	7.7#	





#22

Acetophenone

Concen: 39.50 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF088093.D

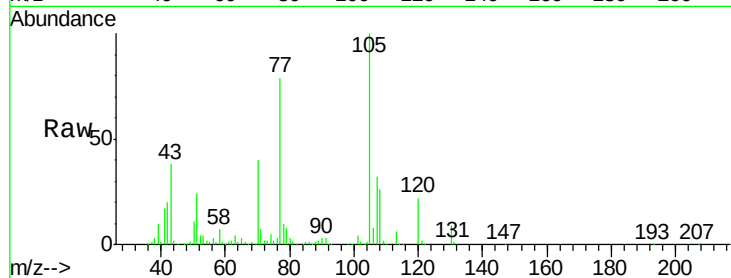
Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

ClientSampleId :

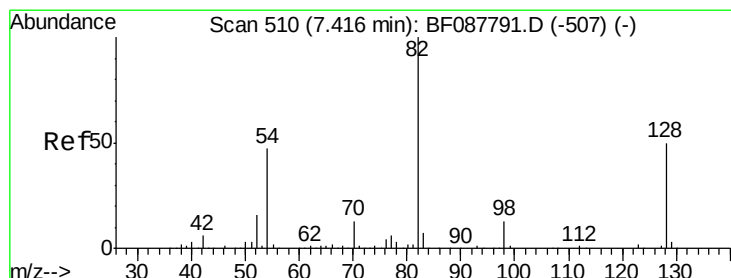
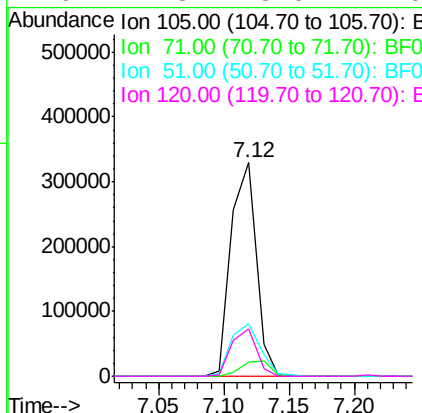
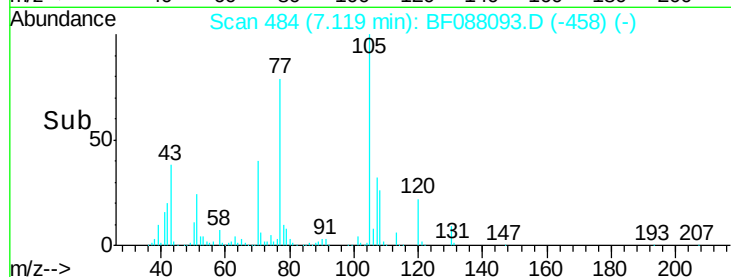
HSR-WC-52-060916MS



Tot Ion:	105	Resp:	444454
Ion Ratio	Lower	Upper	
105	100		
71	6.6	5.3	7.9
51	24.5	18.2	27.4
120	22.3	18.0	27.0

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#23

Nitrobenzene-d5

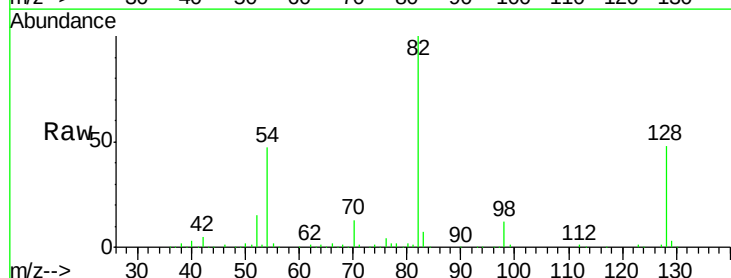
Concen: 70.56 ng

RT: 7.27 min Scan# 497

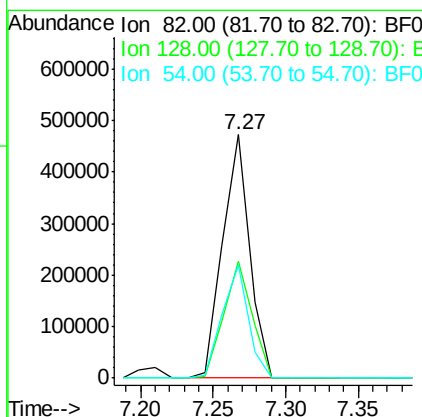
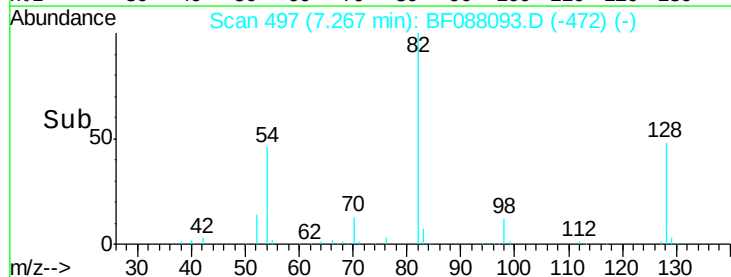
Delta R.T. -0.01 min

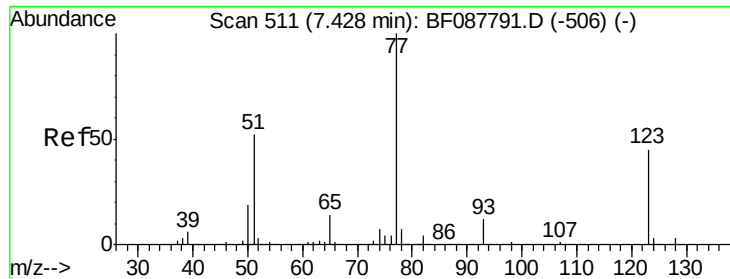
Lab File: BF088093.D

Acq: 17 Jun 2016 15:15



Tgt Ion:	82	Resp:	608422
Ion Ratio	Lower	Upper	
82	100		
128	47.8	35.9	53.9
54	46.6	40.9	61.3





#24

Nitrobenzene

Concen: 42.09 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

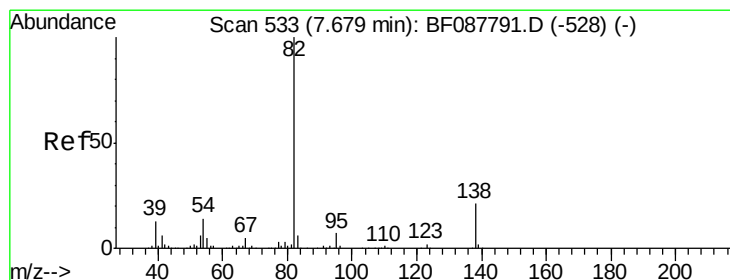
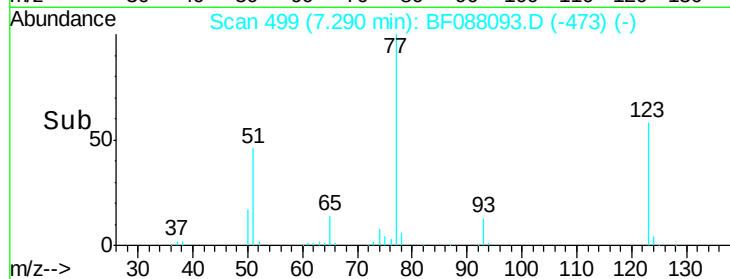
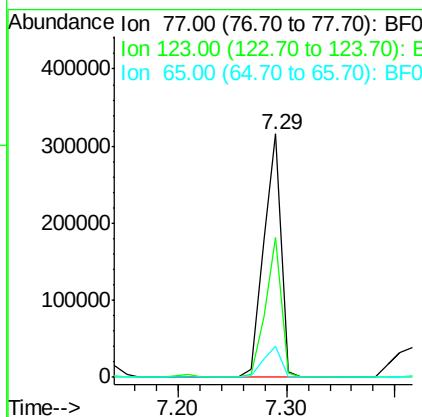
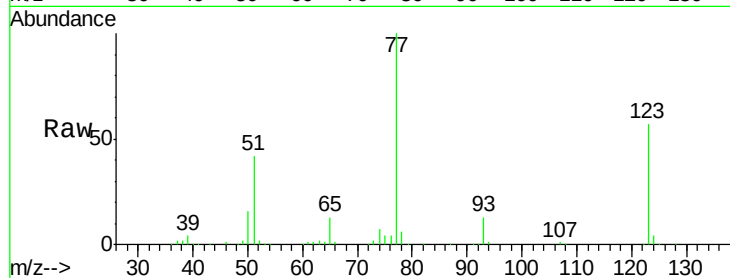
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	77	Resp:	351588
Ion Ratio	Lower	Upper	
77	100		
123	57.3	45.0	67.4
65	12.7	10.2	15.2

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#25

Isophorone

Concen: 38.26 ng

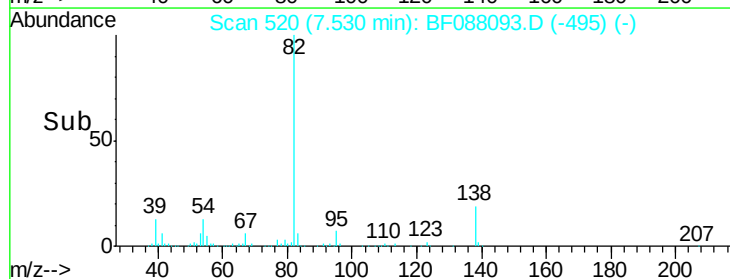
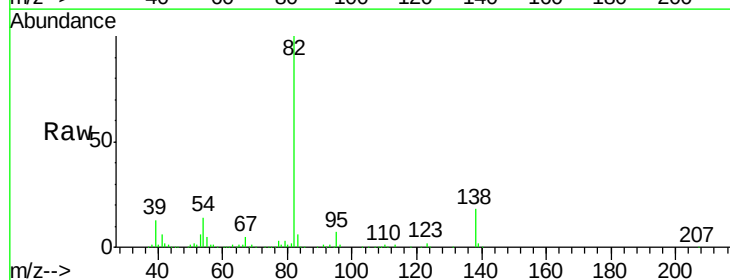
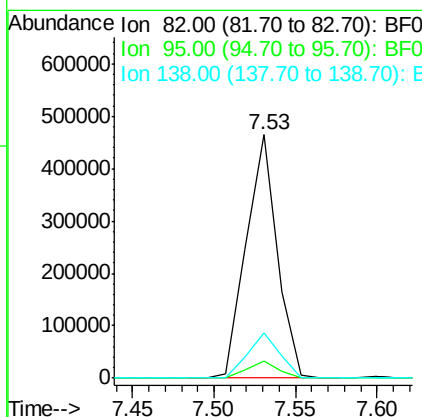
RT: 7.53 min Scan# 520

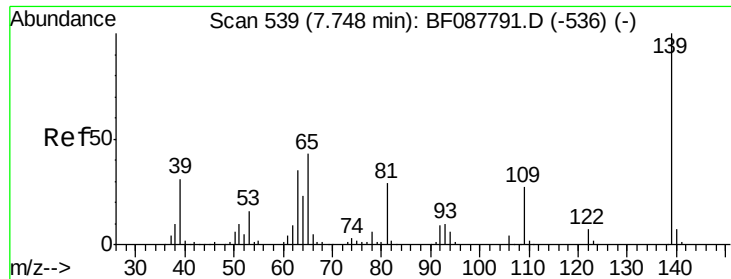
Delta R.T. -0.01 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	82	Resp:	611120
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.4	14.6	21.8





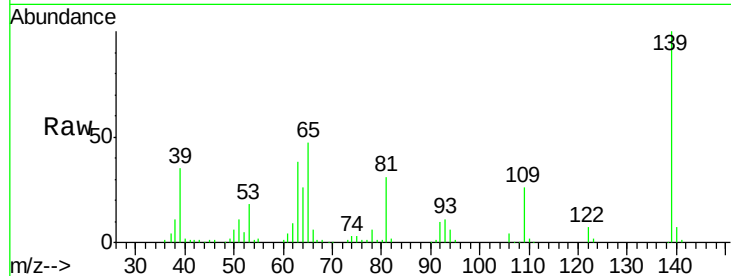
#26
2-Nitrophenol
Concen: 40.76 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

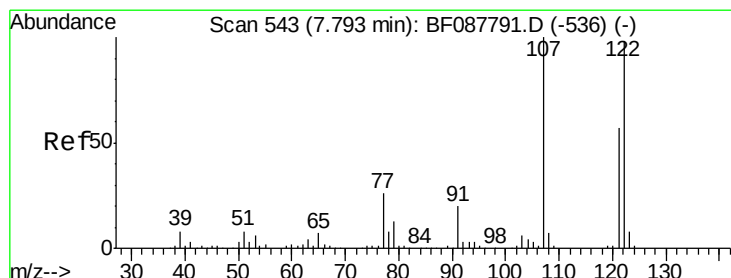
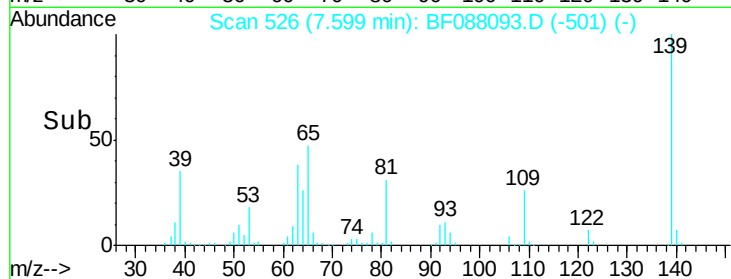
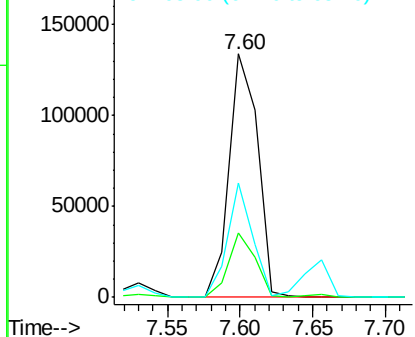
Tot Ion	Ratio	Resp	Lower	Upper
139	100	182378		
109	26.2	23.0	34.4	
65	47.0	45.8	68.8	

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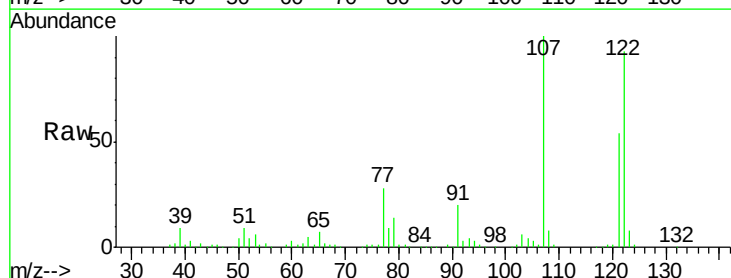


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

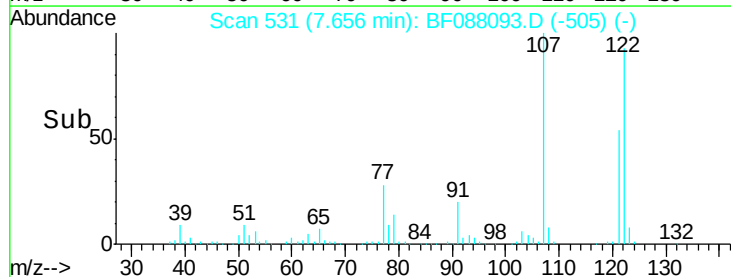
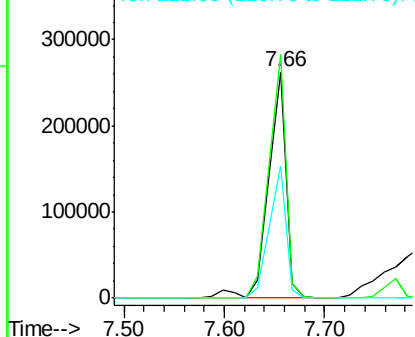


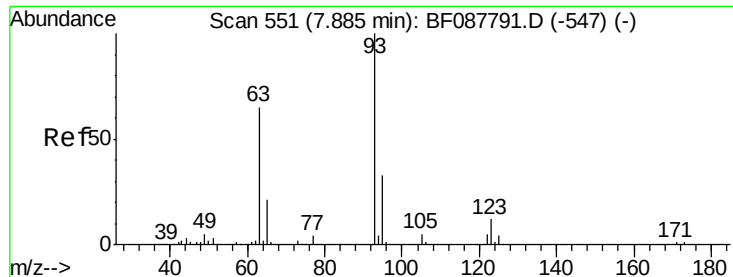
#27
2,4-Dimethylphenol
Concen: 38.66 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	318490		
107	107.6	82.4	123.6	
121	58.6	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: 28.22 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

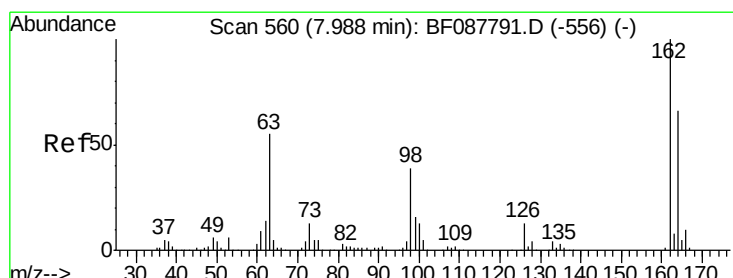
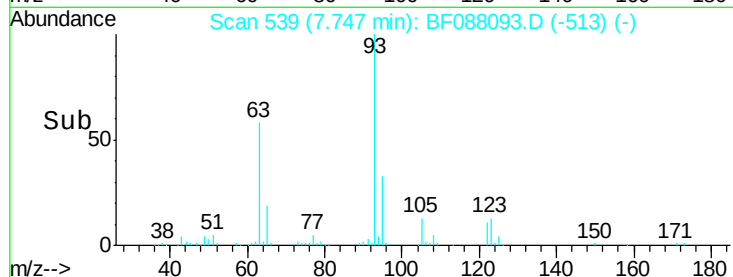
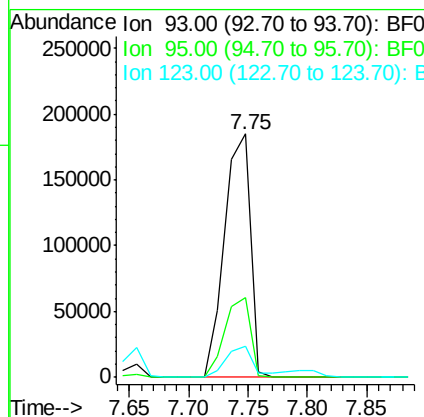
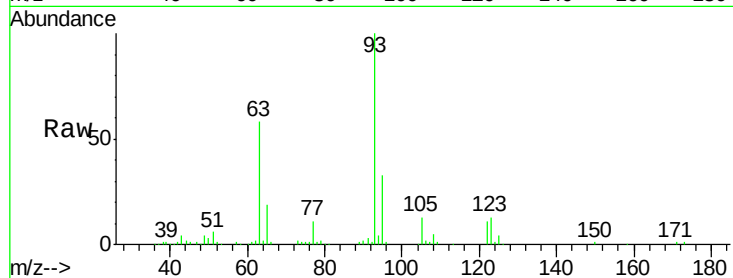
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	93	Resp:	279524
Ion Ratio		Lower	Upper
93	100		
95	32.9	26.5	39.7
123	13.0	11.6	17.4

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#29

2,4-Dichlorophenol

Concen: 41.10 ng

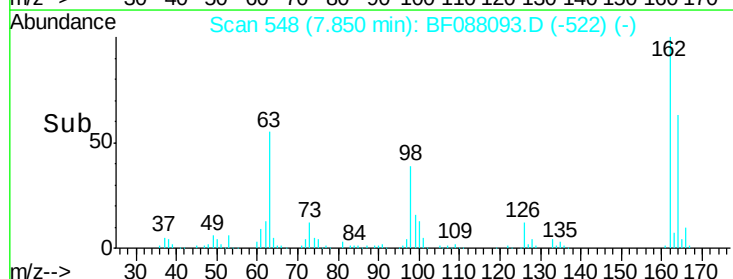
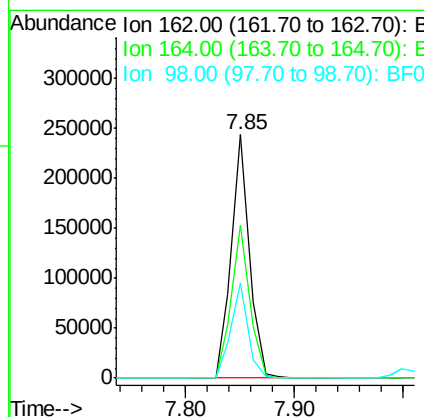
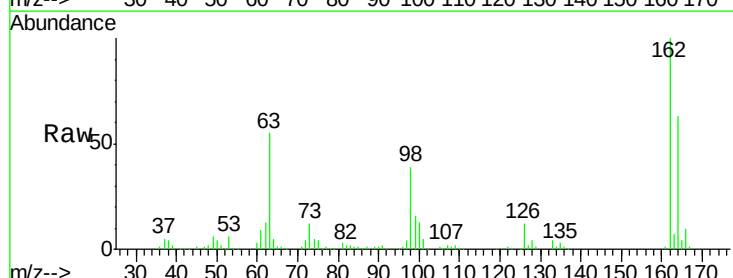
RT: 7.85 min Scan# 548

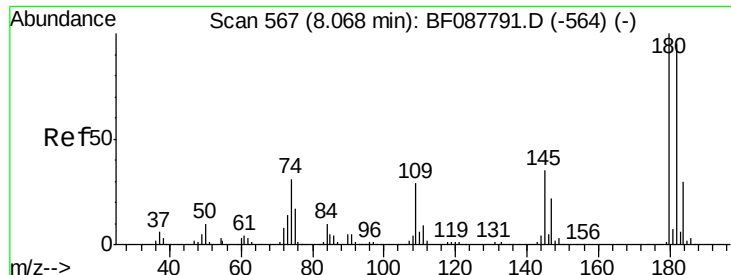
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	162	Resp:	282700
Ion Ratio		Lower	Upper
162	100		
164	62.9	43.8	83.8
98	39.2	21.3	61.3





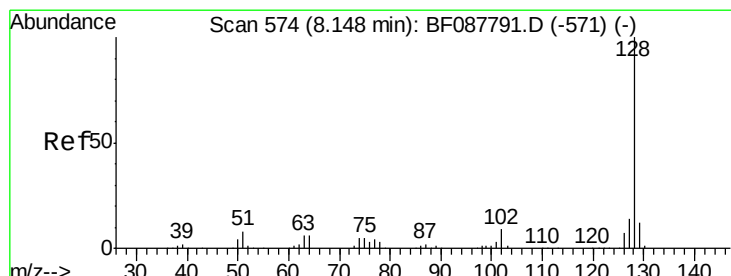
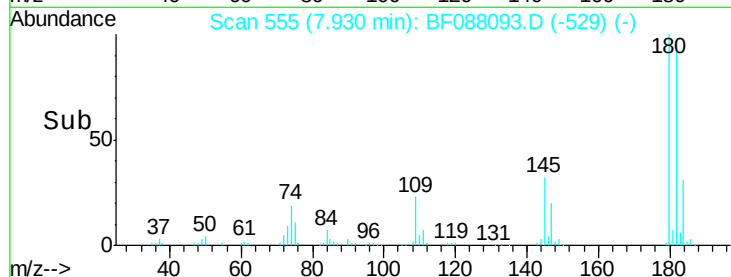
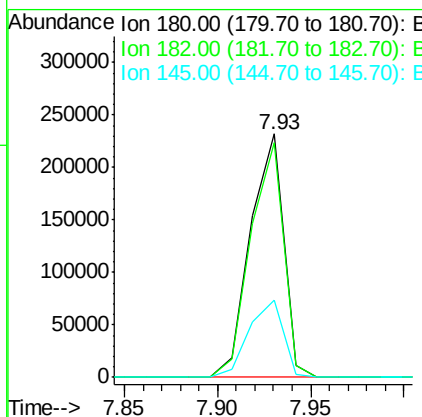
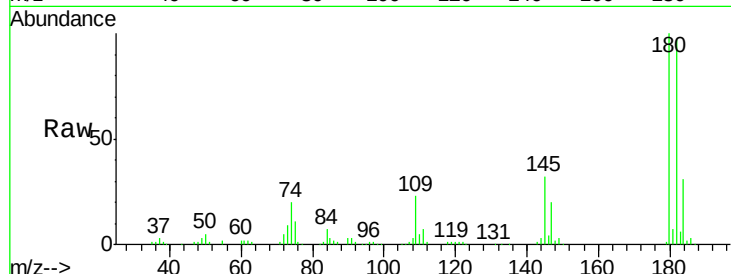
#30
1,2,4-Trichlorobenzene
Concen: 38.12 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion:	180	Resp:	285498
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.0	114.0
145	31.6	26.5	39.7

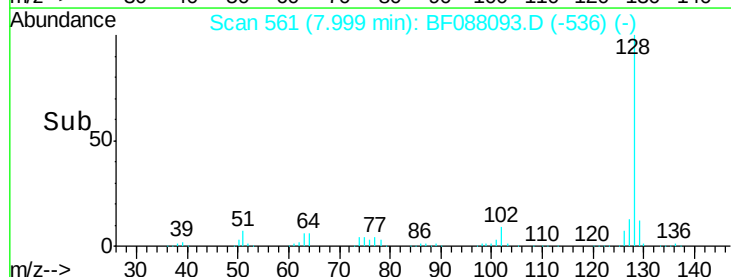
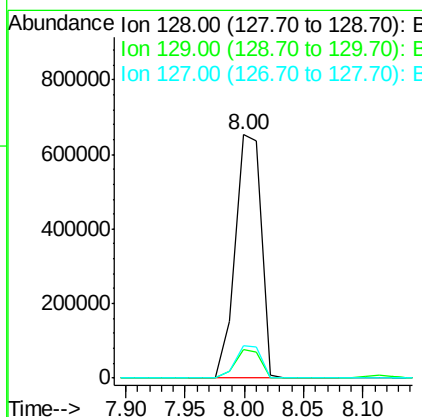
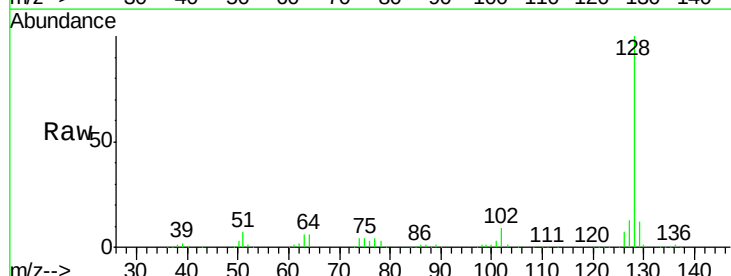
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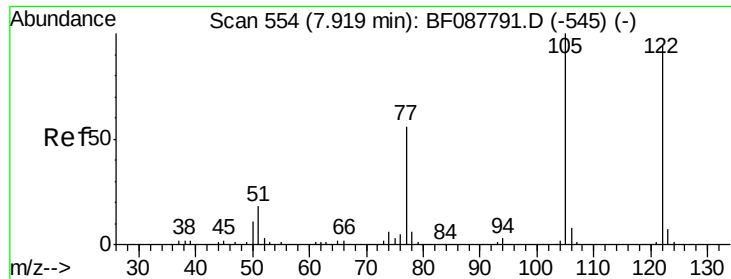
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#31
Naphthalene
Concen: 39.94 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion:	128	Resp:	995210
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.1	10.9	16.3





#32

Benzoic acid

Concen: 45.89 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

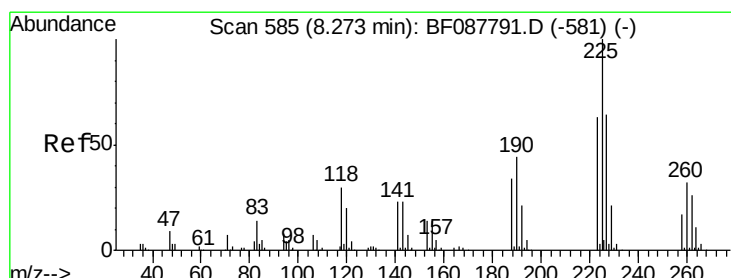
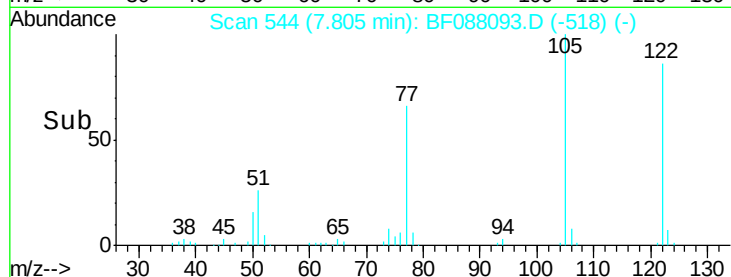
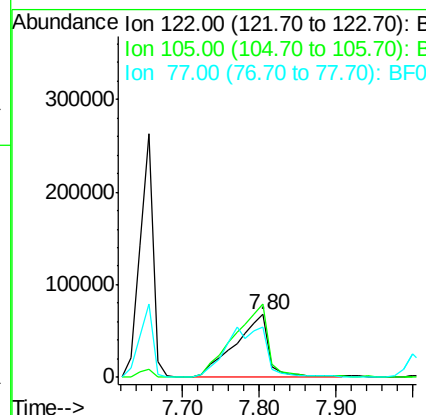
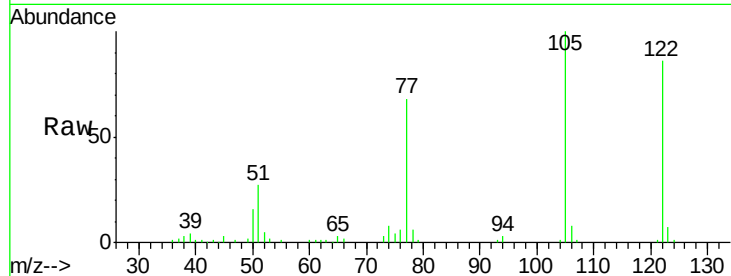
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	122	Resp:	208194
Ion Ratio	Lower	Upper	
122	100		
105	116.8	101.6	141.6
77	79.7	70.6	110.6

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#34

Hexachlorobutadiene

Concen: 36.93 ng

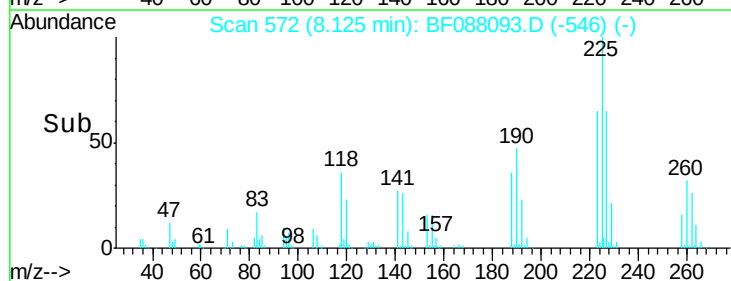
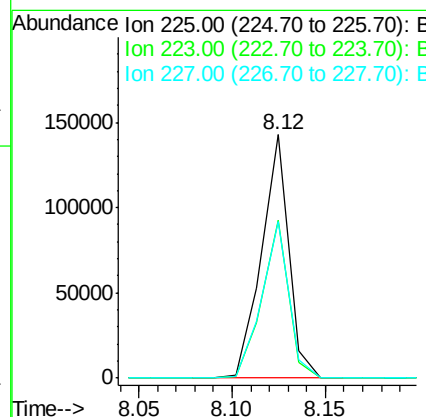
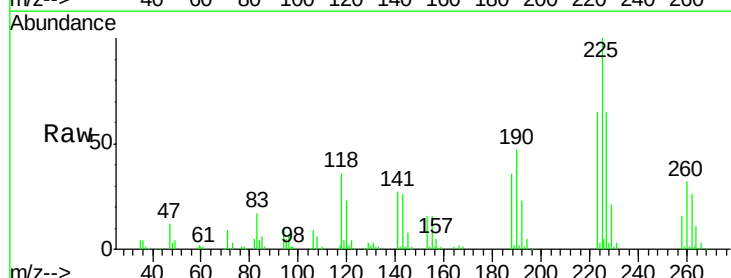
RT: 8.12 min Scan# 572

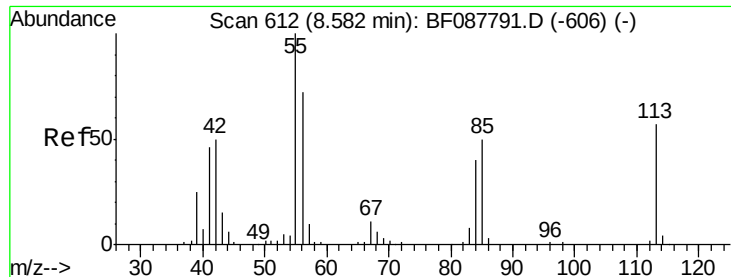
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	225	Resp:	145884
Ion Ratio	Lower	Upper	
225	100		
223	64.7	50.9	76.3
227	64.6	51.9	77.9





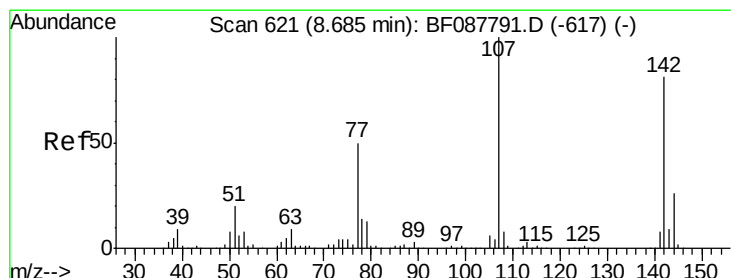
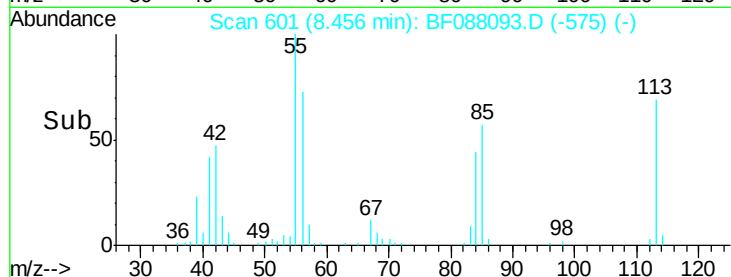
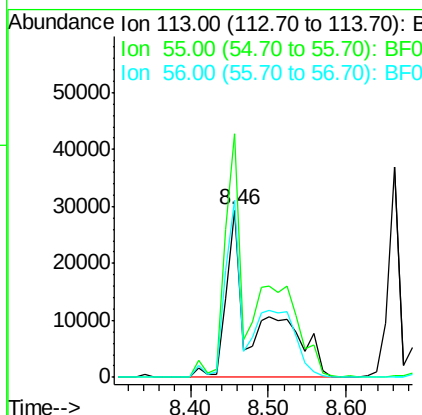
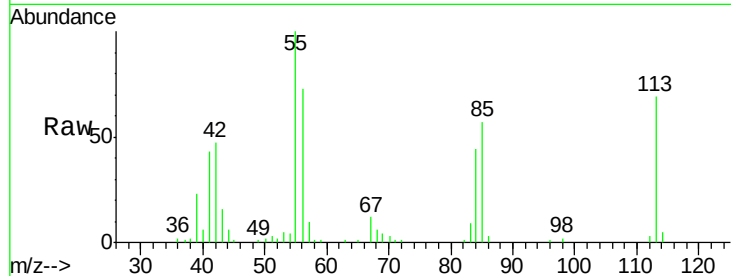
#35
 Caprolactam
 Concen: 35.61 ng/ml
 RT: 8.46 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.4	158.6	198.6#
56	105.7	110.6	150.6#

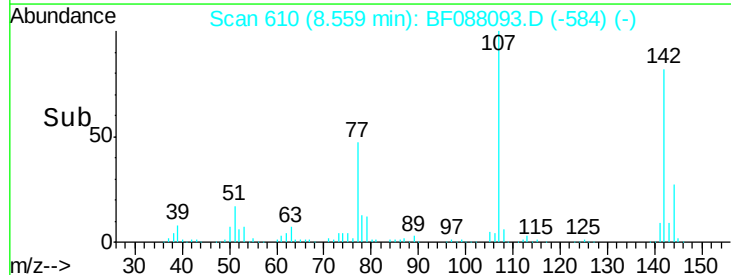
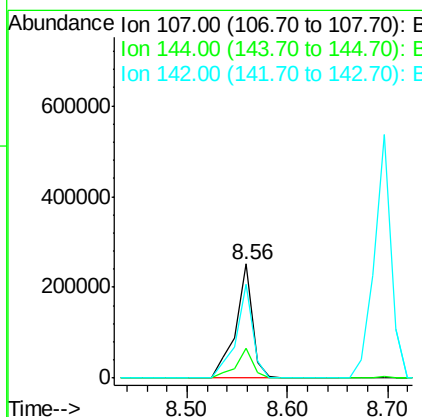
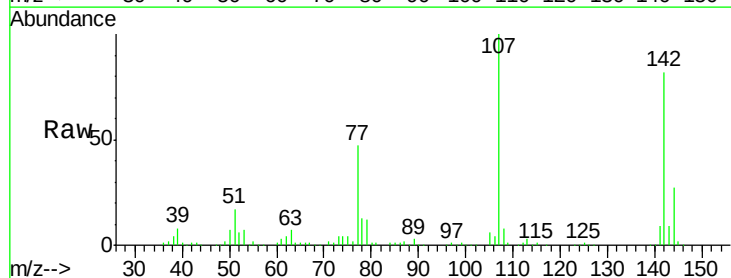
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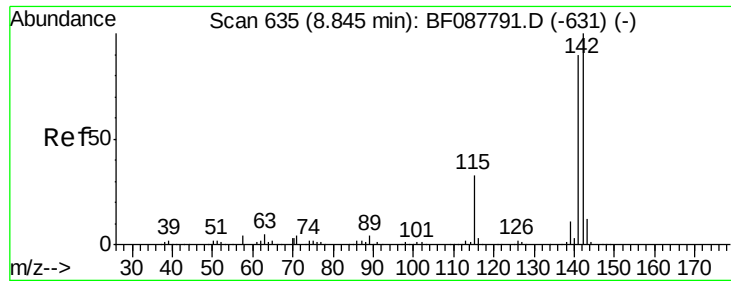
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#36
 4-Chloro-3-methylphenol
 Concen: 39.78 ng/ml
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.8	31.2
142	82.3	63.4	95.2





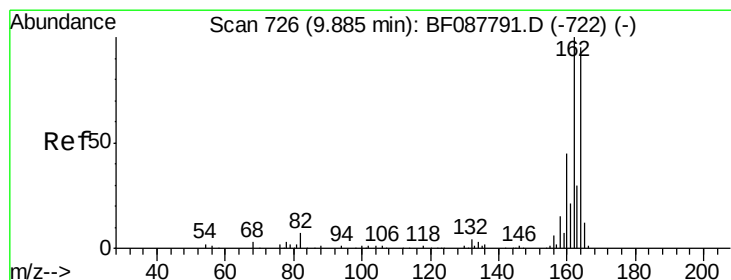
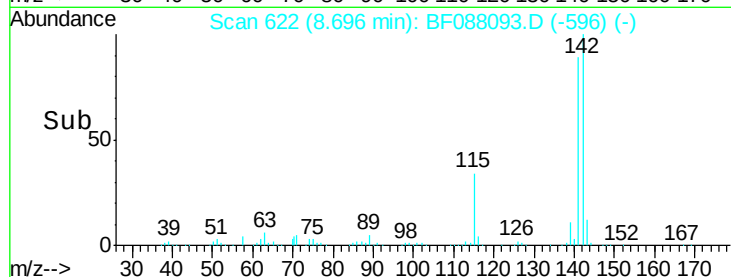
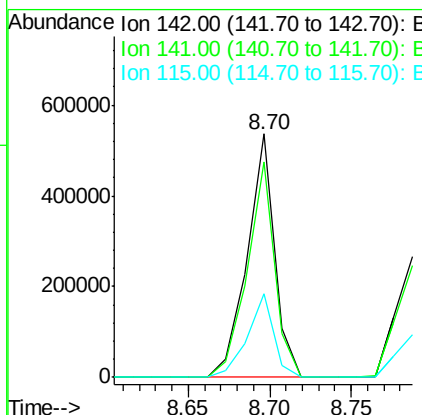
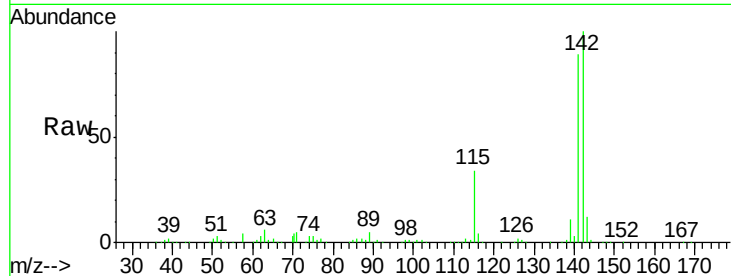
#37
2-Methylnaphthalene
Concen: 38.14 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	34.1	22.6	33.8

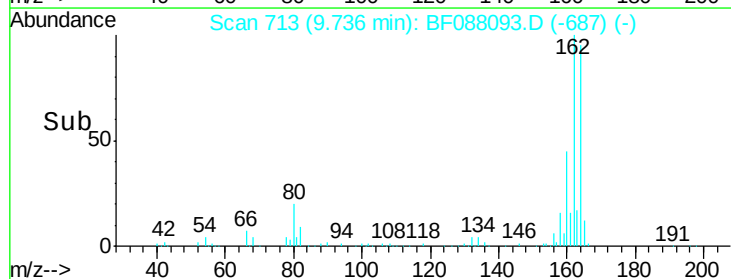
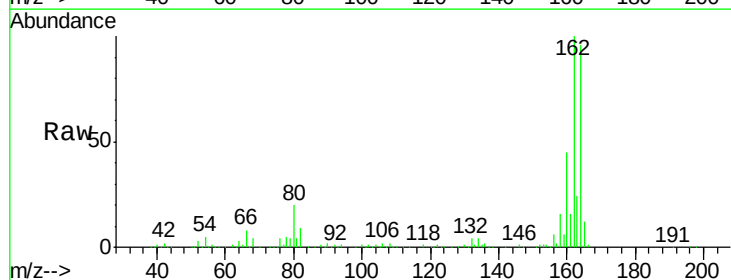
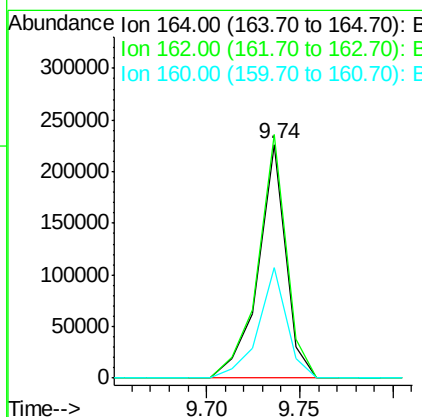
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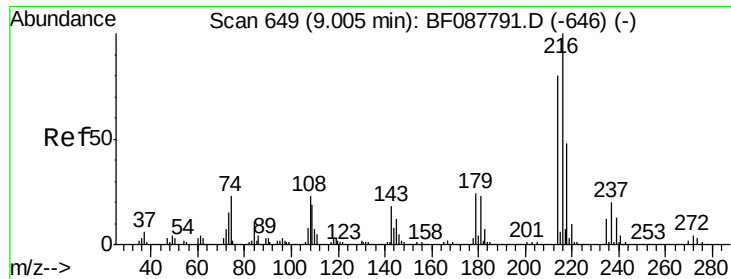
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	47.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.91 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

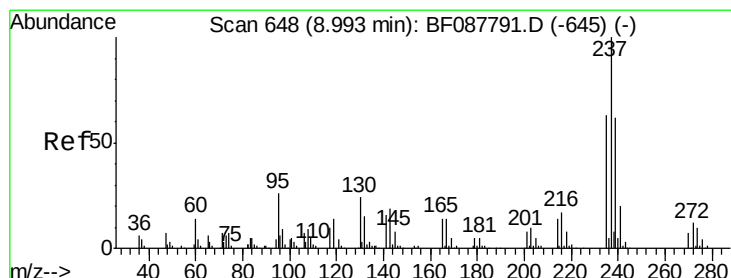
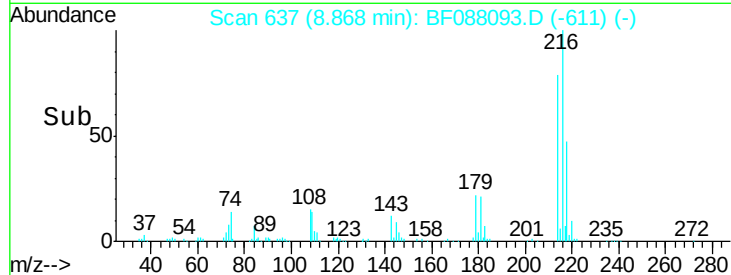
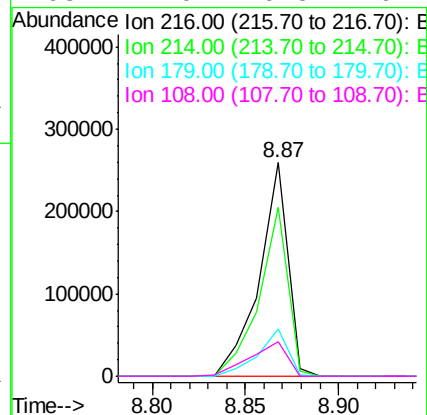
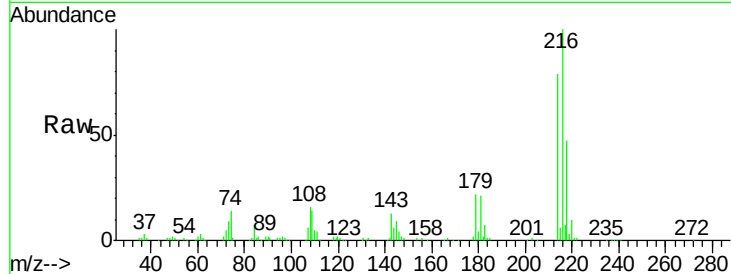
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5	2.9	4.3#		
179	22.6	0.0	0.0#		
108	22.0	0.5	0.7#		

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#40

Hexachlorocyclopentadiene

Concen: 51.81 ng

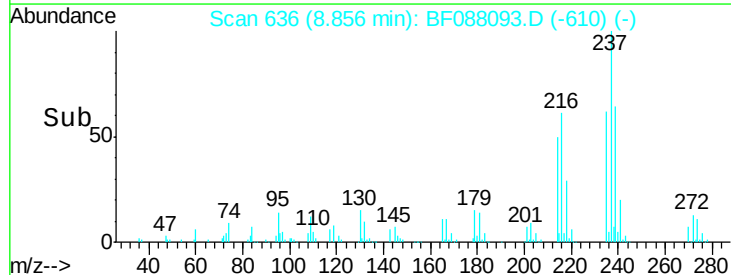
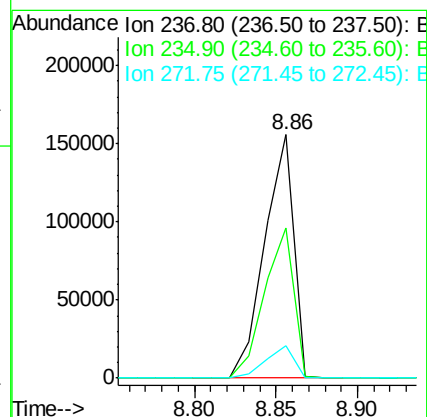
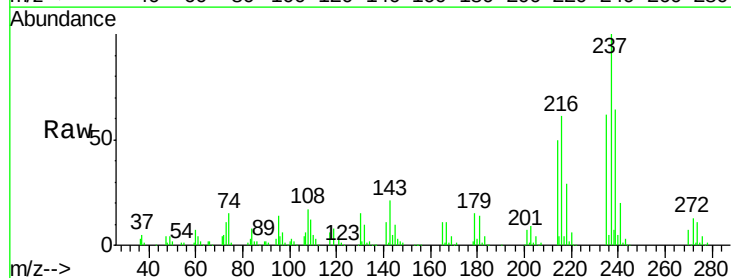
RT: 8.86 min Scan# 636

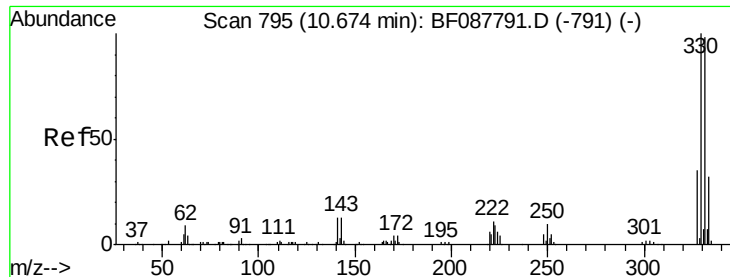
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8	43.4	83.4		
272	13.3	0.0	32.3		





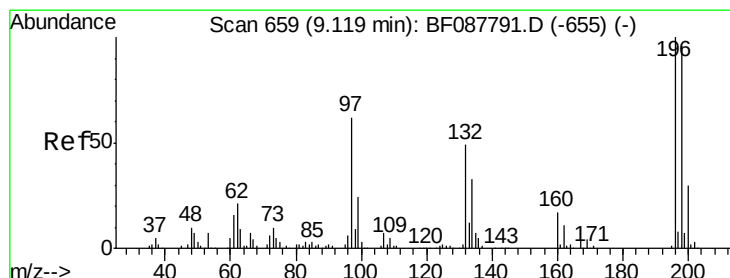
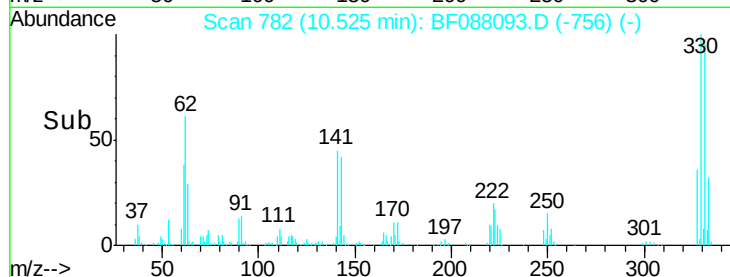
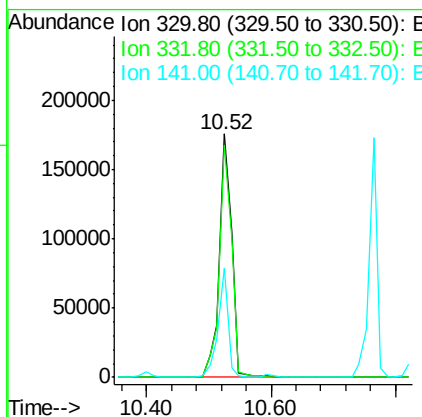
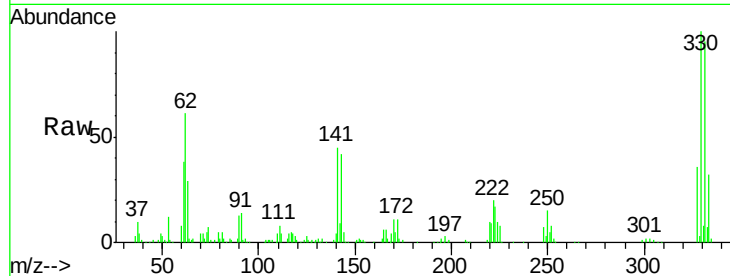
#41
 2,4,6-Tribromophenol
 Concen: 97.10 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	35.9	0.0	0.0#

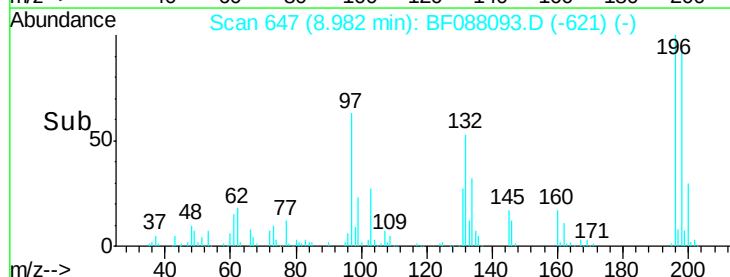
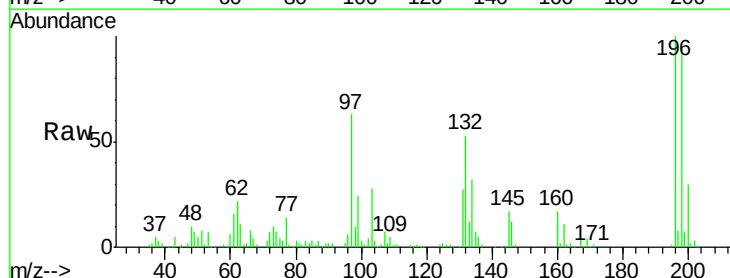
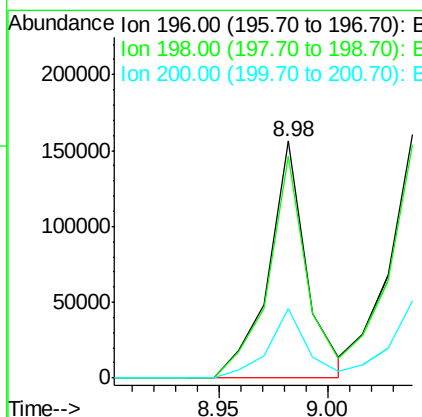
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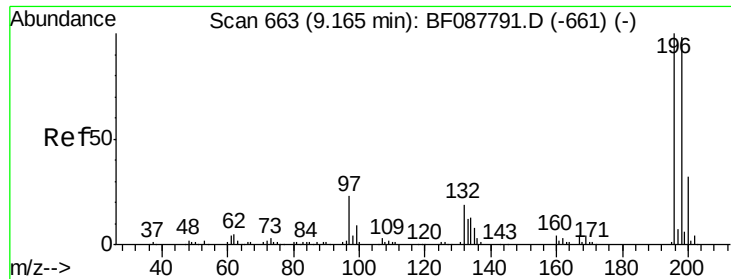
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#42
 2,4,6-Trichlorophenol
 Concen: 41.37 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.7	78.0	117.0
200	29.6	25.4	38.2





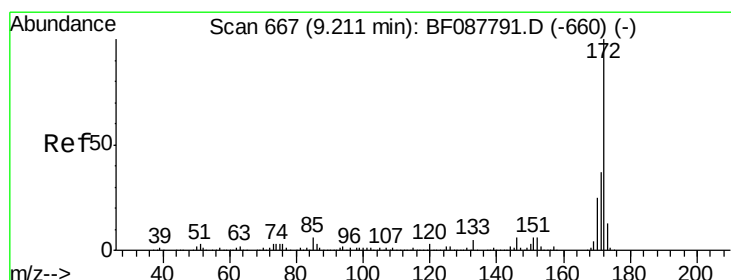
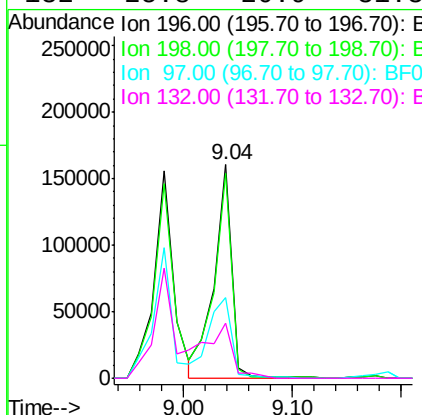
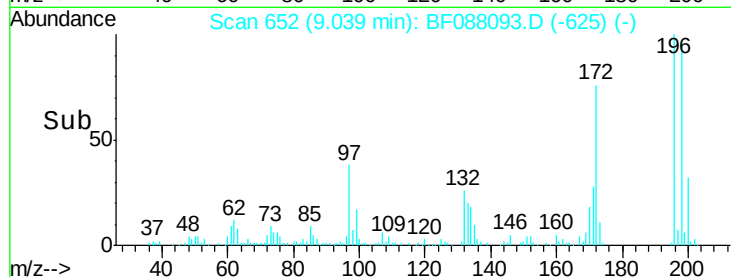
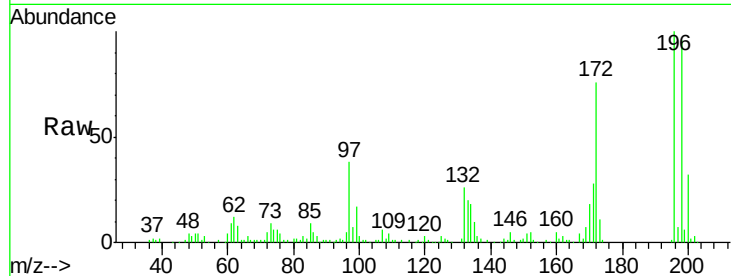
#43
 2,4,5-Trichlorophenol
 Concen: 38.16 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		183801		
198	95.6	77.5	116.3		
97	37.5	32.0	48.0		
132	25.8	20.9	31.3		

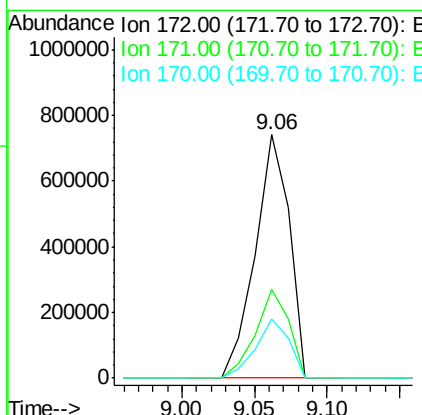
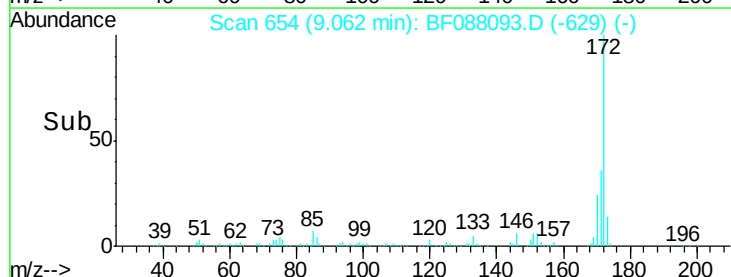
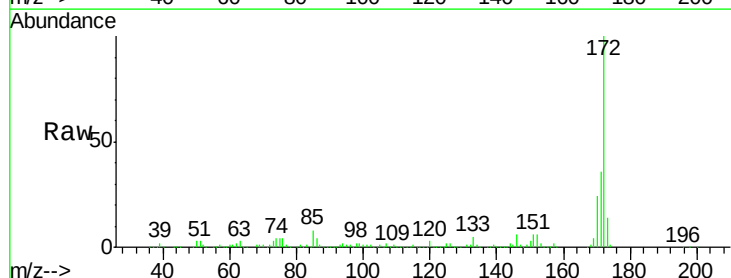
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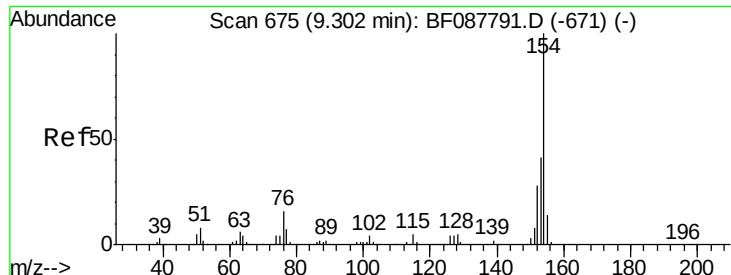
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#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1205177		
171	36.4	28.6	43.0		
170	24.1	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

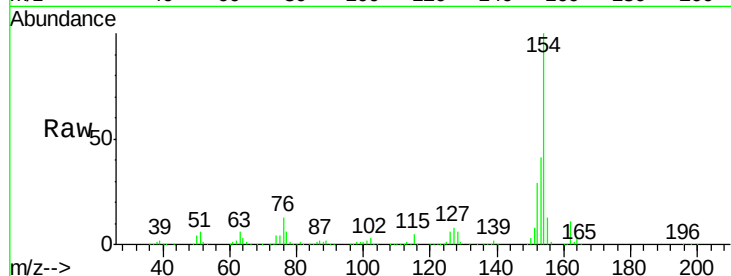
ClientSampleId :

HSR-WC-52-060916MS

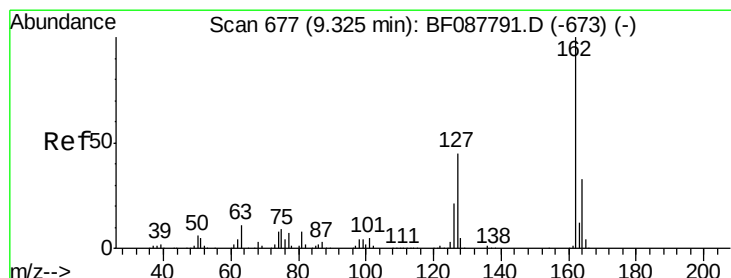
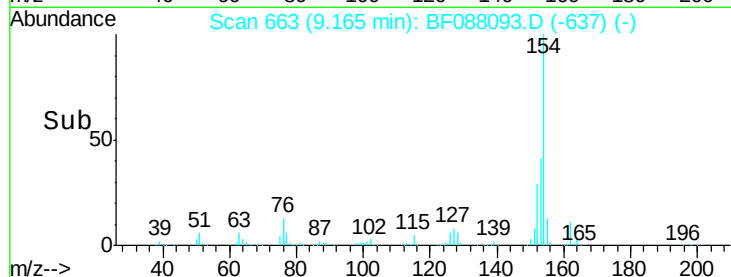
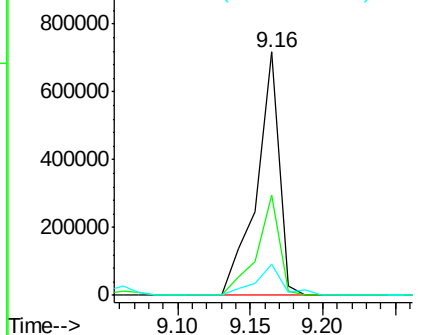
Tot Ion:	154	Resp:	774970
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	12.9	0.0	35.1

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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: 40.40 ng

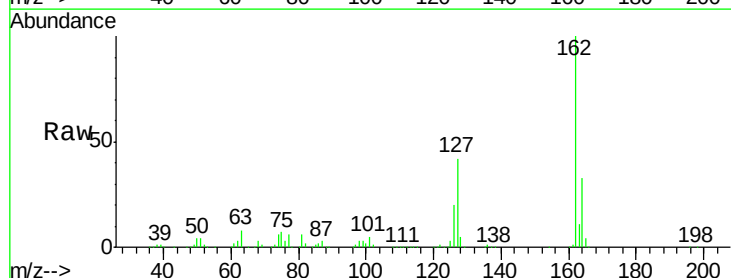
RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

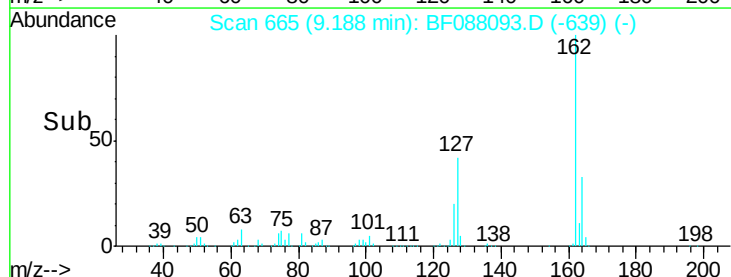
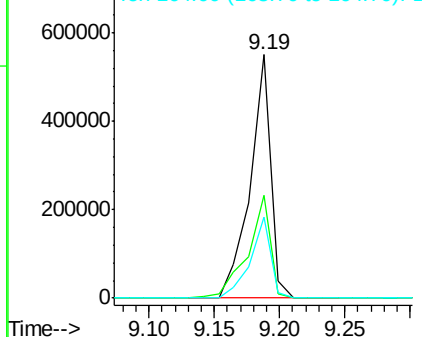
Lab File: BF088093.D

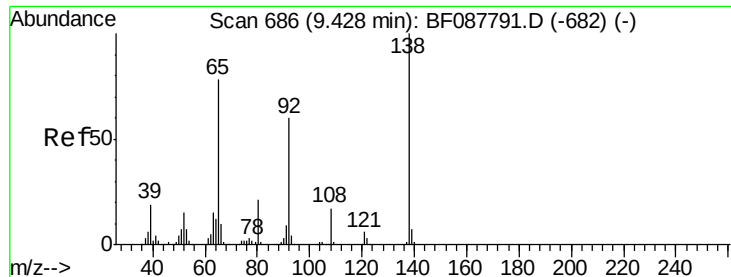
Acq: 17 Jun 2016 15:15

Tgt Ion:	162	Resp:	605289
Ion Ratio	Lower	Upper	
162	100		
127	42.3	35.2	52.8
164	33.2	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





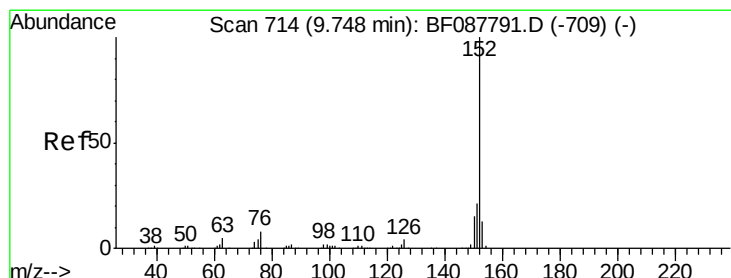
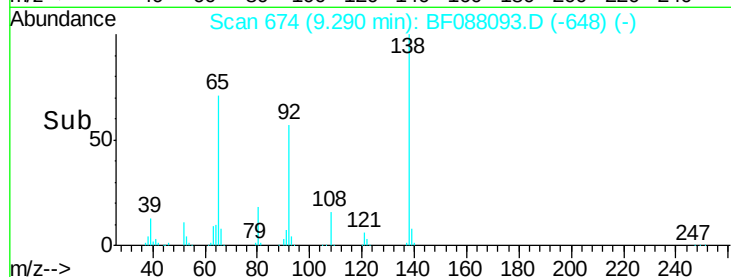
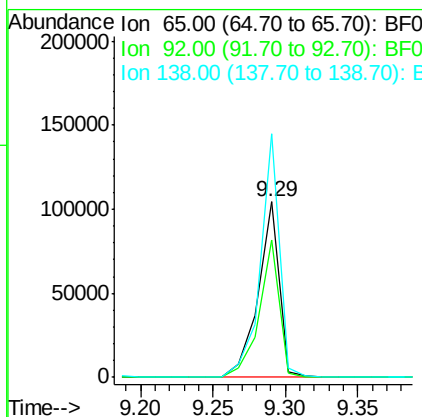
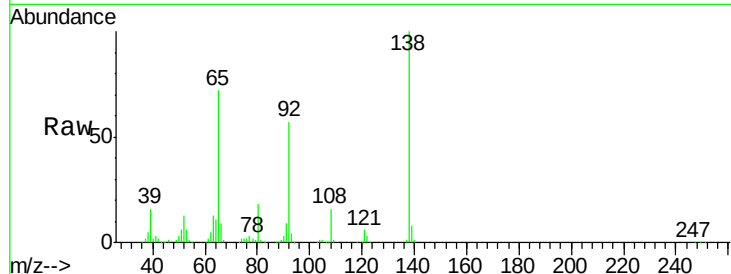
#47
2-Nitroaniline
Concen: 23.70 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.8	54.6	82.0
138	139.0	77.0	115.4

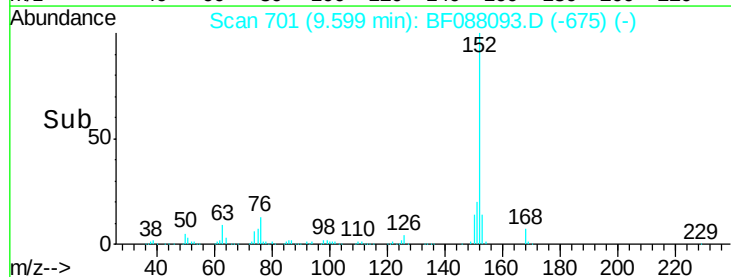
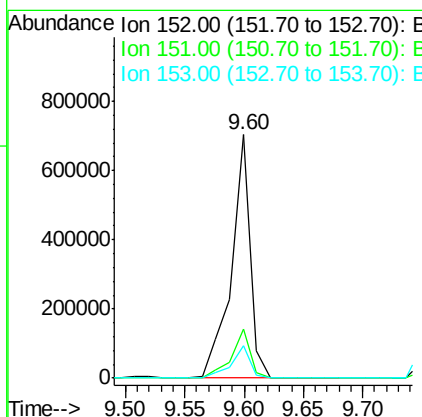
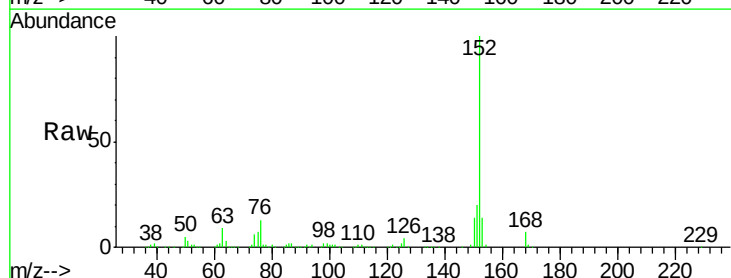
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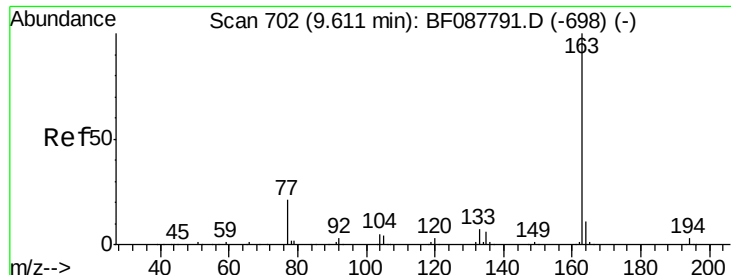
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#48
Acenaphthylene
Concen: 32.47 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.5	11.0	16.6





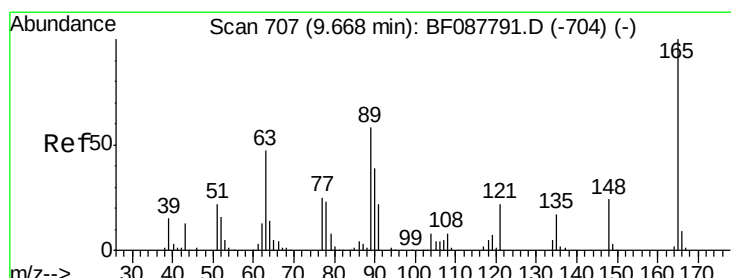
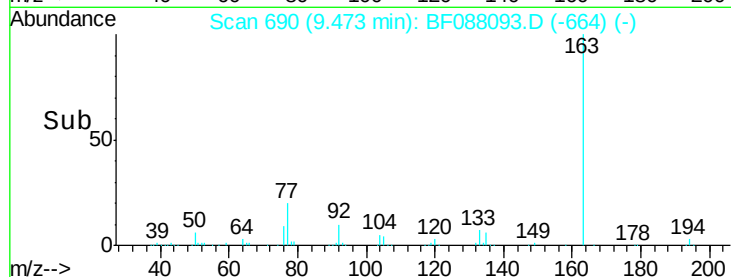
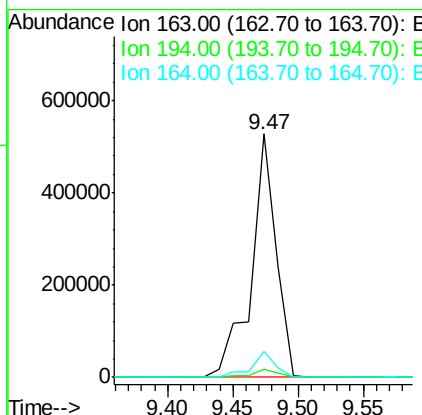
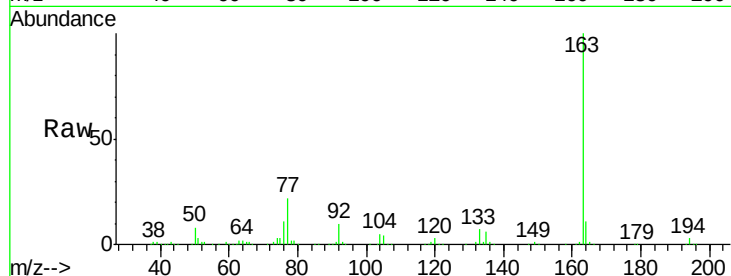
#49
Dimethylphthalate
Concen: 41.93 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.7	8.3	12.5

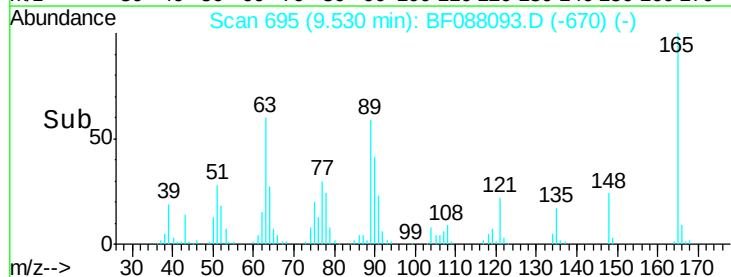
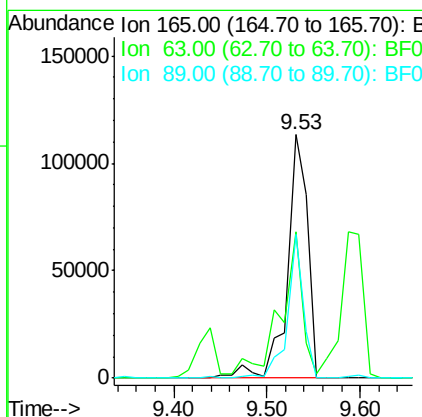
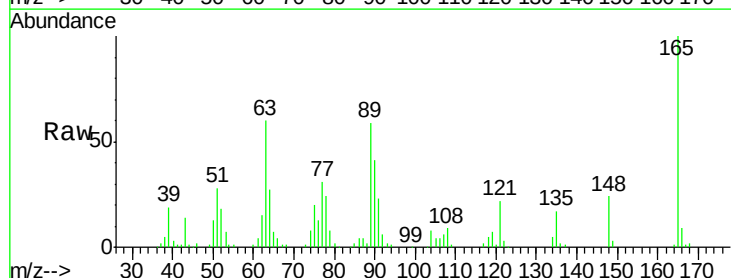
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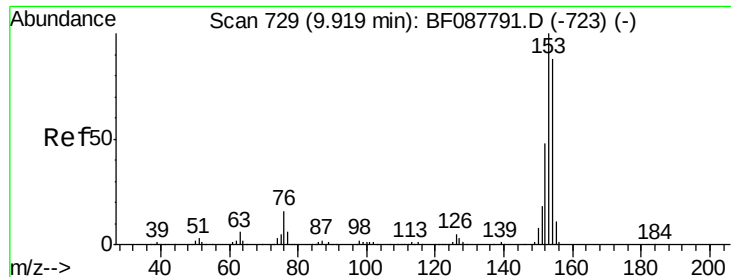
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#50
2,6-Dinitrotoluene
Concen: 44.88 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.9	28.1	42.1#
89	59.1	32.2	48.2#





#51

Acenaphthene

Concen: 35.76 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

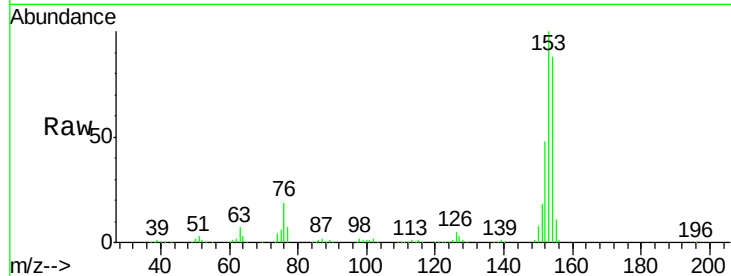
ClientSampleId :

HSR-WC-52-060916MS

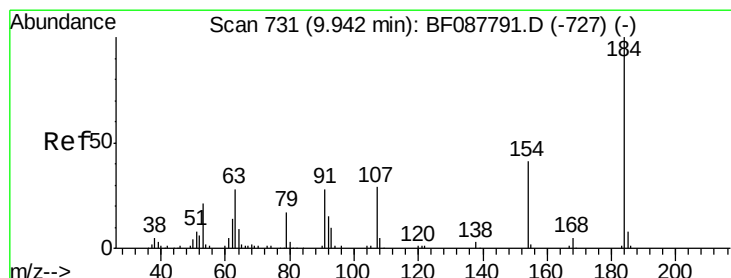
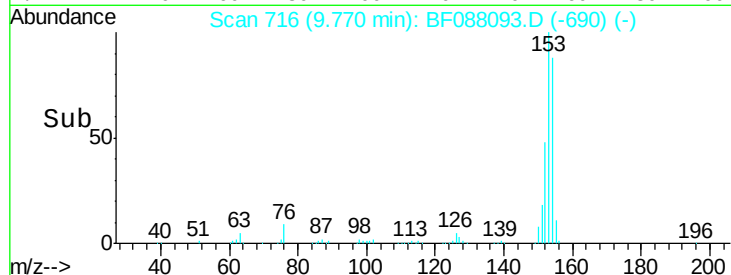
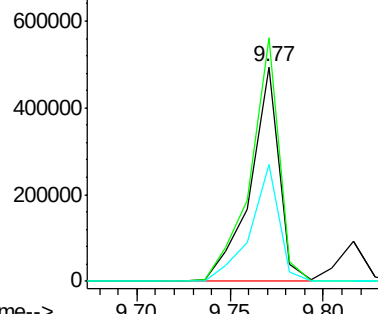
Tot Ion:	154	Resp:	531609
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.5	134.3
152	54.2	42.7	64.1

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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: 76.96 ng

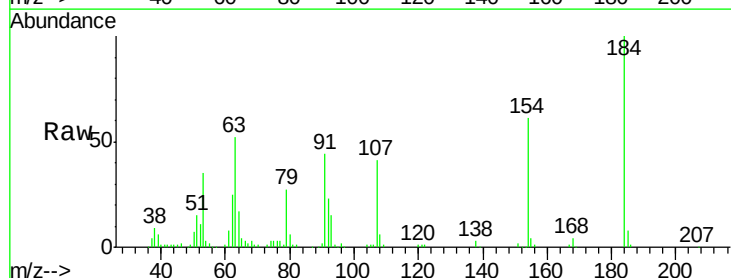
RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

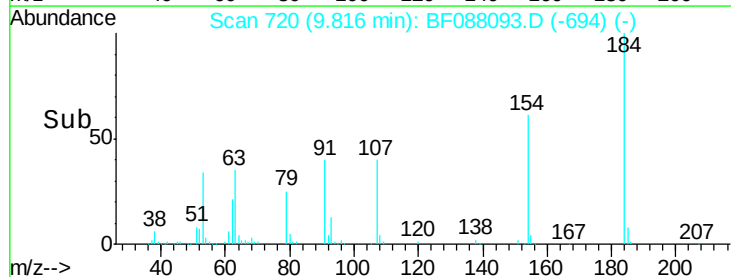
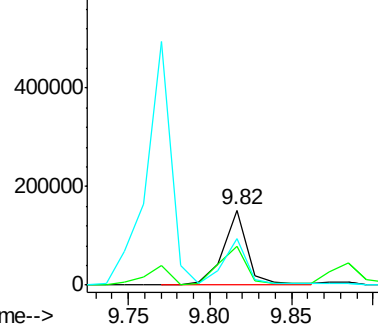
Lab File: BF088093.D

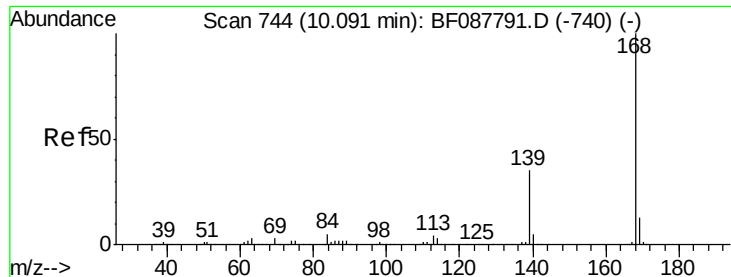
Acq: 17 Jun 2016 15:15

Tgt Ion:	184	Resp:	160404
Ion Ratio	Lower	Upper	
184	100		
63	52.0	57.6	86.4#
154	61.3	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: 35.98 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

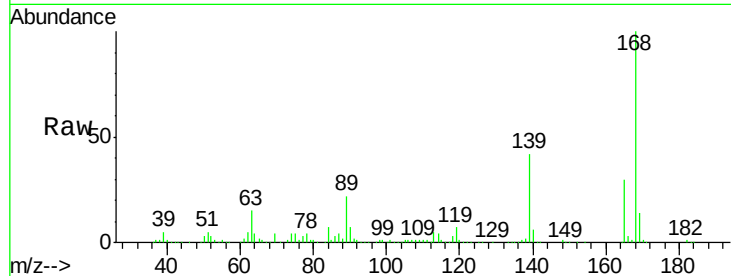
ClientSampleId :

HSR-WC-52-060916MS

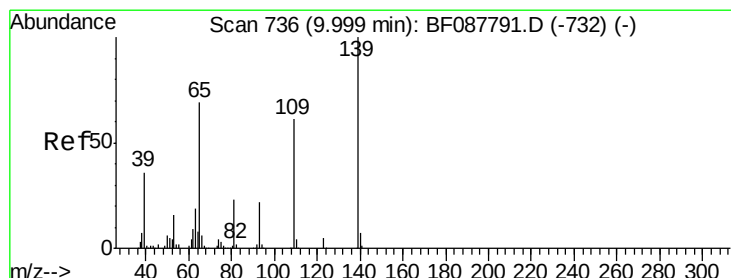
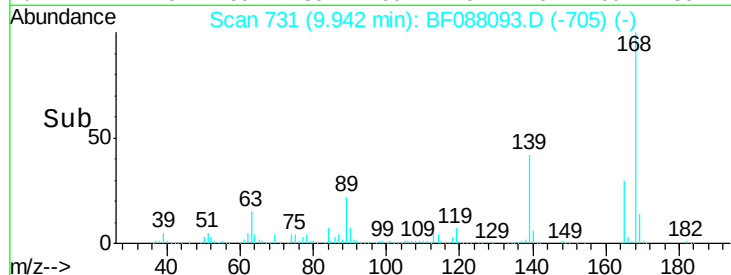
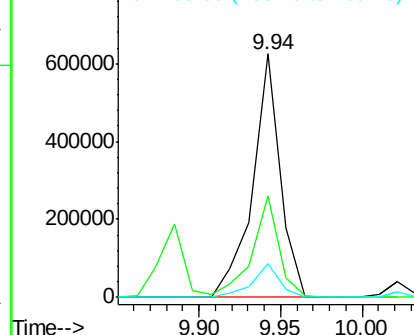
Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		736545		
139	41.7	26.4	39.6#		
169	13.8	10.4	15.6		

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 58.71 ng

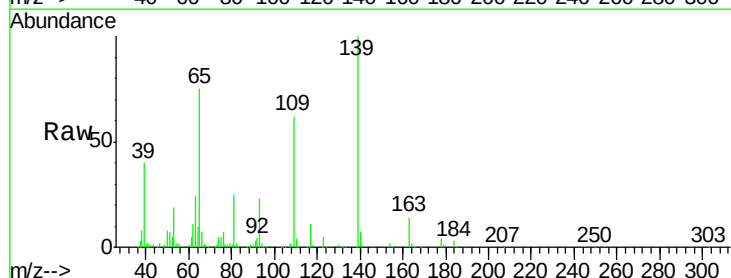
RT: 9.88 min Scan# 726

Delta R.T. 0.01 min

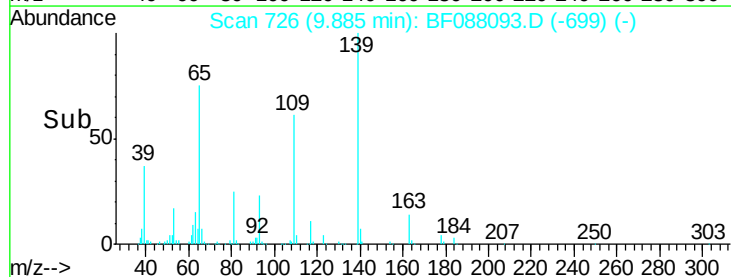
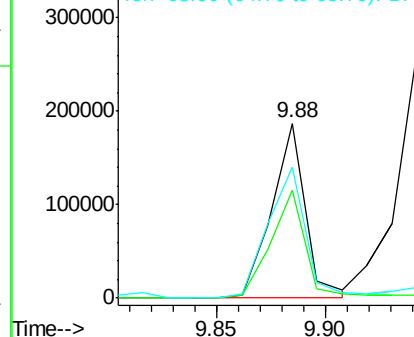
Lab File: BF088093.D

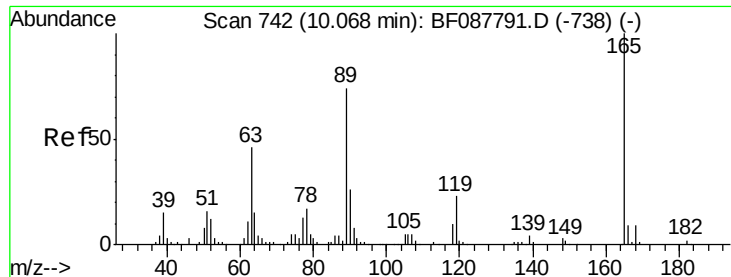
Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		201933		
109	61.6	48.9	88.9		
65	75.3	84.9	124.9#		



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): BF0





#56

2,4-Dinitrotoluene

Concen: 41.97 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088093.D

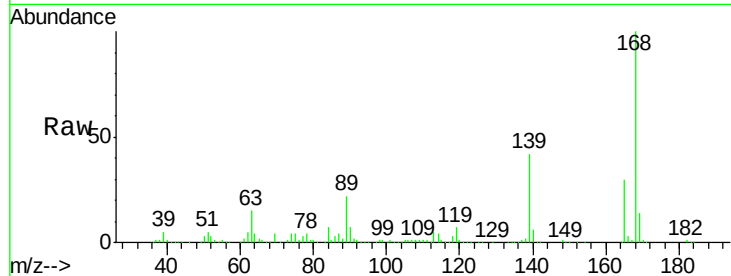
Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

ClientSampleId :

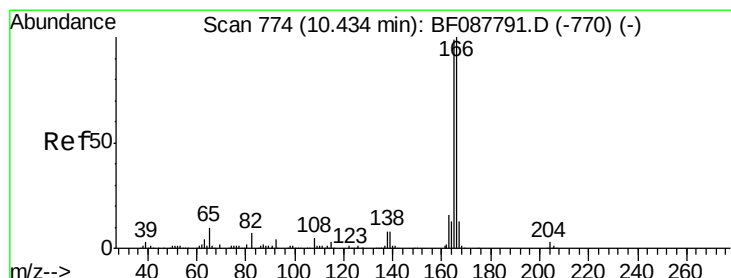
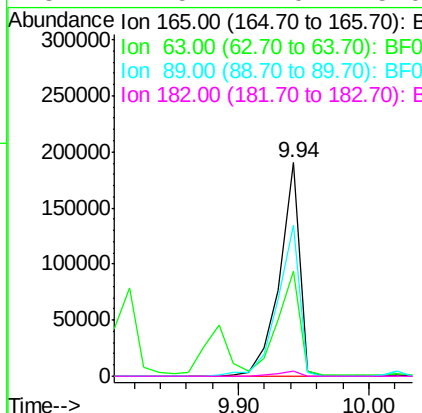
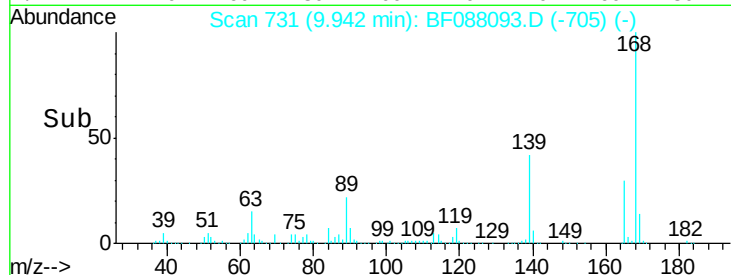
HSR-WC-52-060916MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		207173		
63	49.1	22.0	33.0#		
89	70.8	41.1	61.7#		
182	2.5	2.0	3.0		

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#57

Fluorene

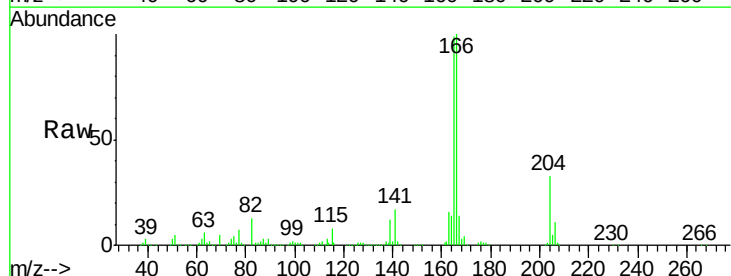
Concen: 40.89 ng

RT: 10.28 min Scan# 761

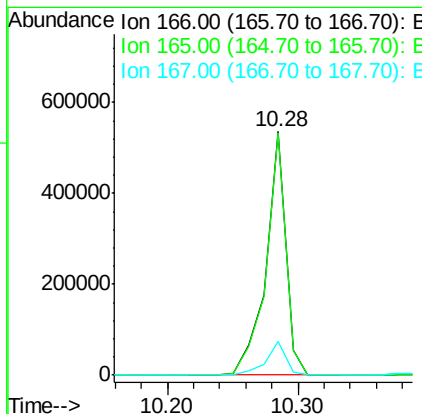
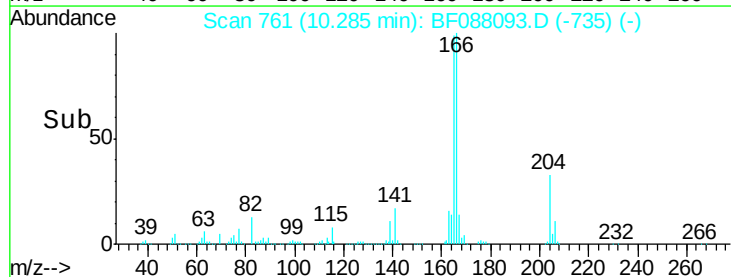
Delta R.T. -0.00 min

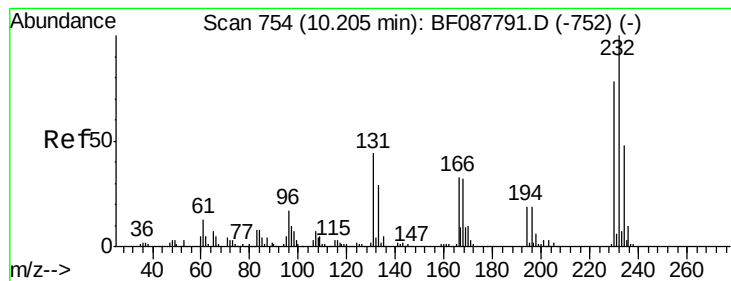
Lab File: BF088093.D

Acq: 17 Jun 2016 15:15



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		571802		
165	99.5	77.8	116.8		
167	13.7	11.2	16.8		





#58

2,3,4,6-Tetrachlorophenol

Concen: 39.32 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:232 Resp: 148844

Ion Ratio Lower Upper

232 100

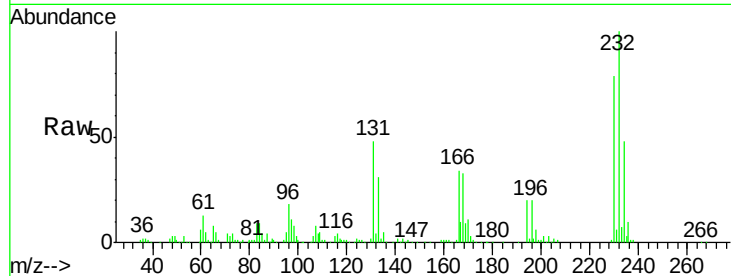
131 52.1 0.9 1.3#

130 2.6 1.5 2.3#

166 33.7 0.5 0.7#

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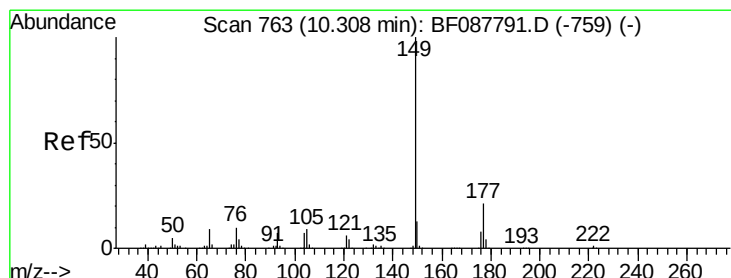
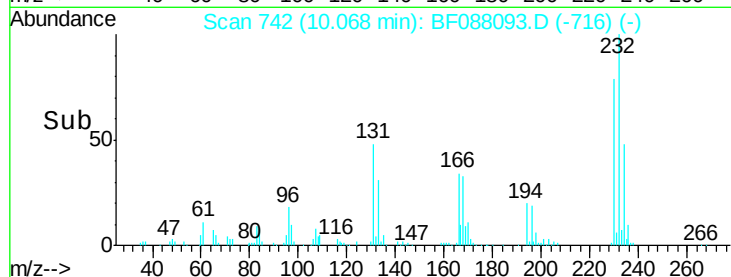
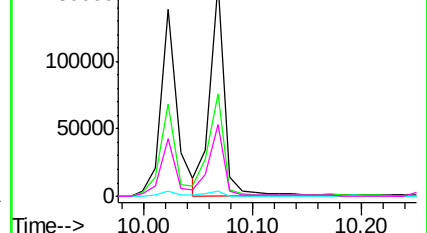


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 40.78 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

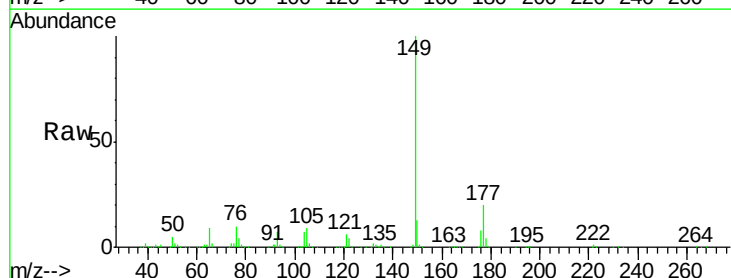
Tgt Ion:149 Resp: 692240

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

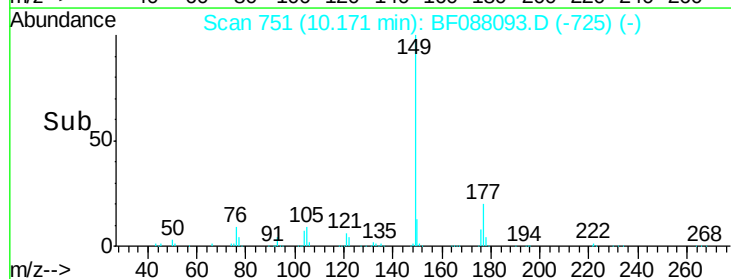
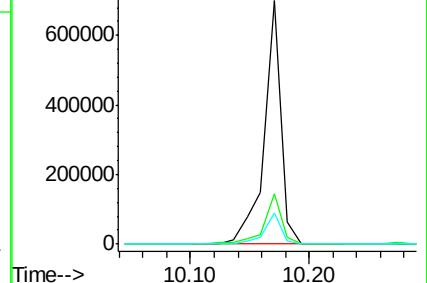
150 12.7 10.1 15.1

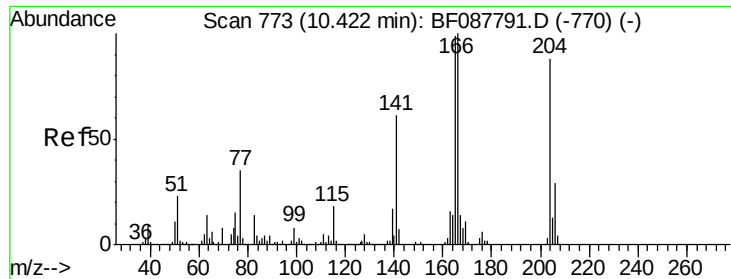


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





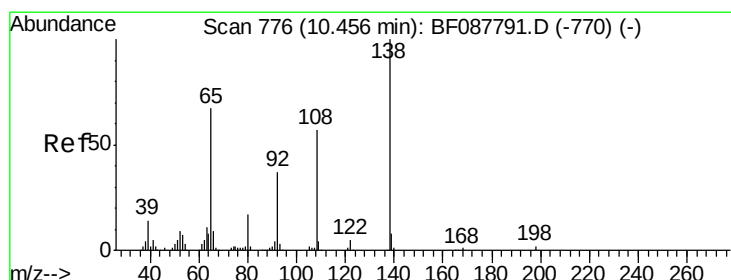
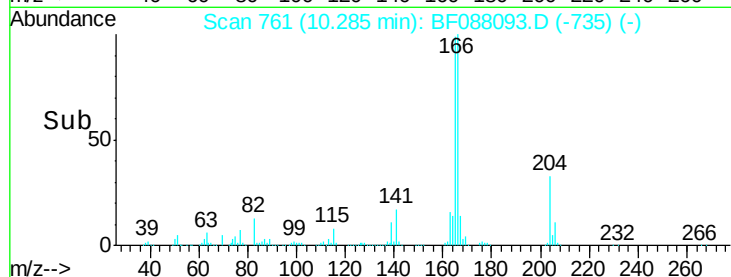
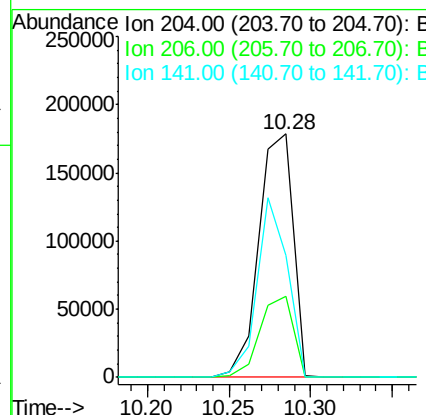
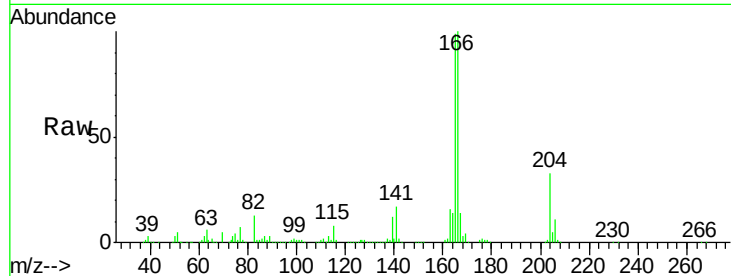
#60
4-Chlorophenyl-phenylether
Concen: 38.43 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.4	26.3	39.5
141	50.3	55.0	82.6

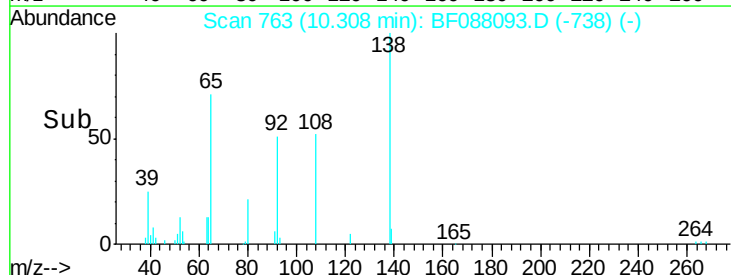
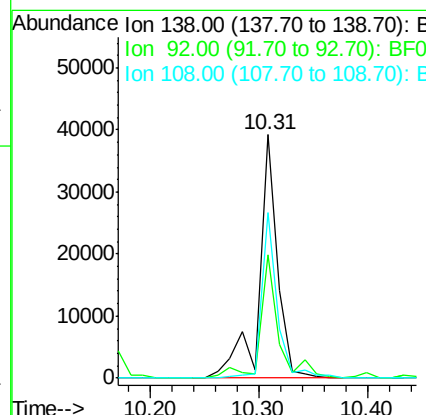
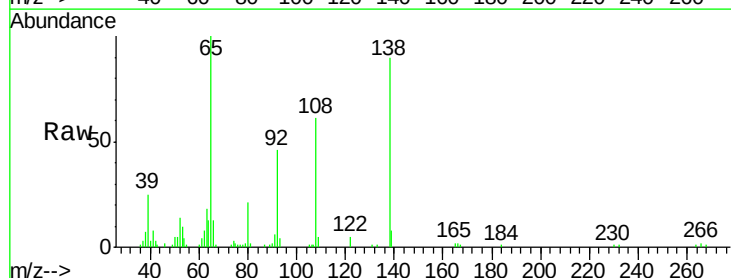
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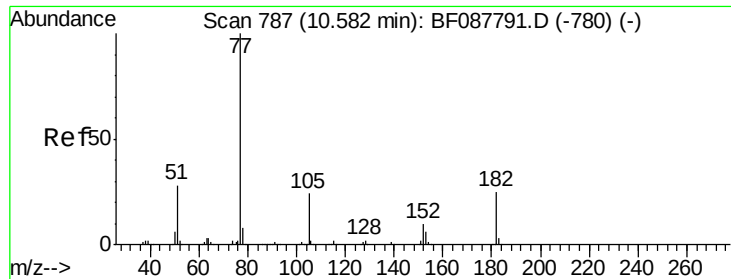
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#61
4-Nitroaniline
Concen: 11.17 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	50.6	27.3	67.3
108	68.0	46.7	86.7





#62

Azobenzene

Concen: 35.15 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

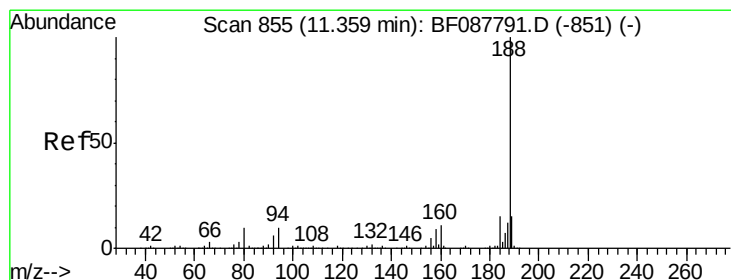
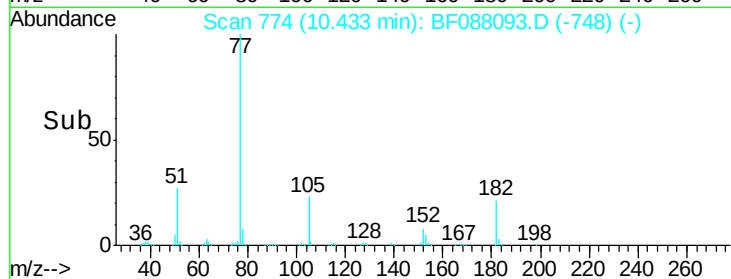
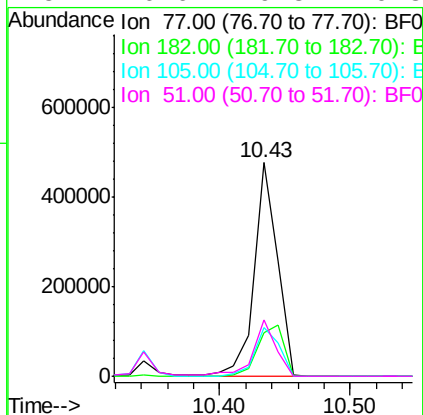
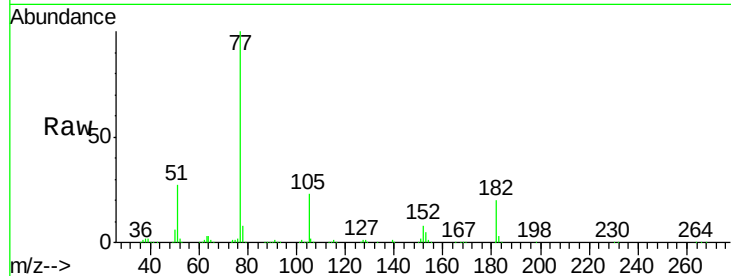
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		590034		
182	20.5	4.4	44.4		
105	22.9	3.8	43.8		
51	26.6	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

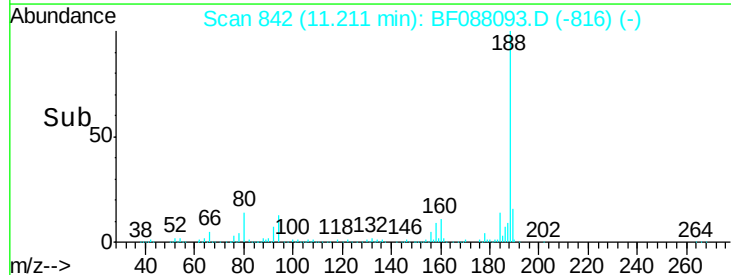
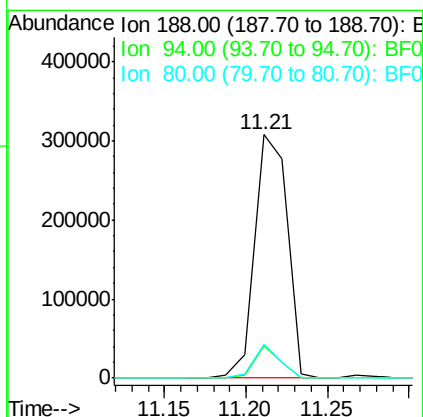
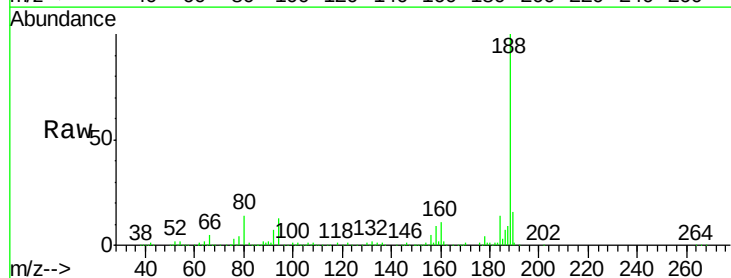
RT: 11.21 min Scan# 842

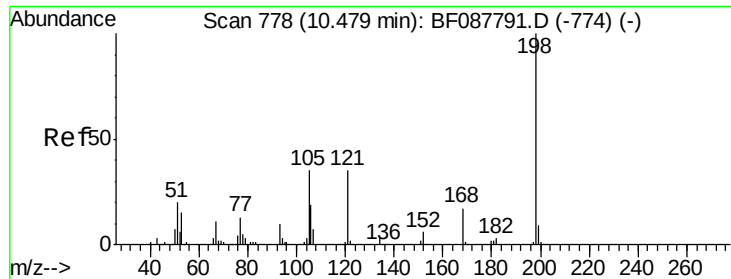
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		428806		
94	13.1	9.0	13.6		
80	14.0	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 39.51 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

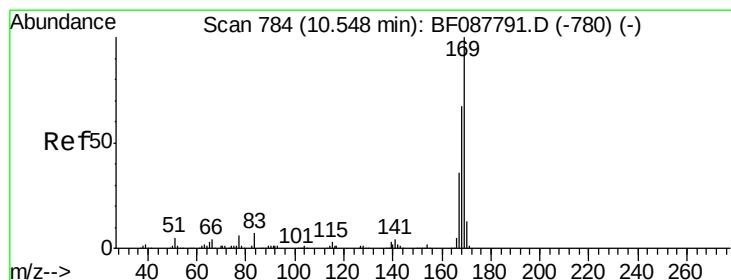
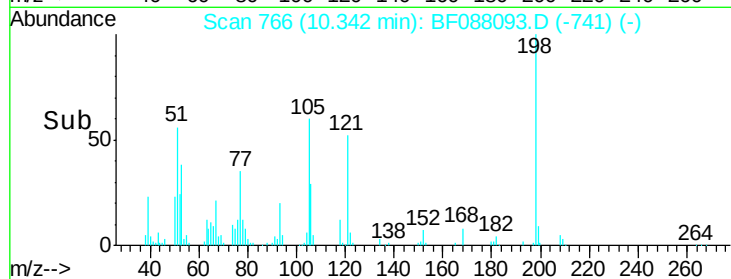
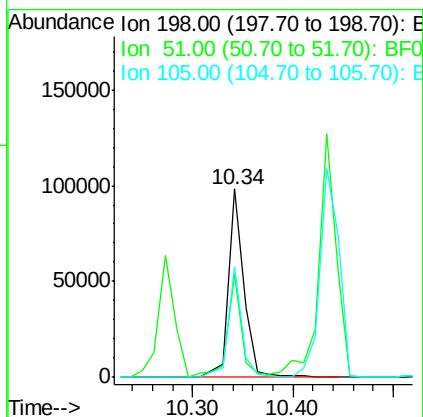
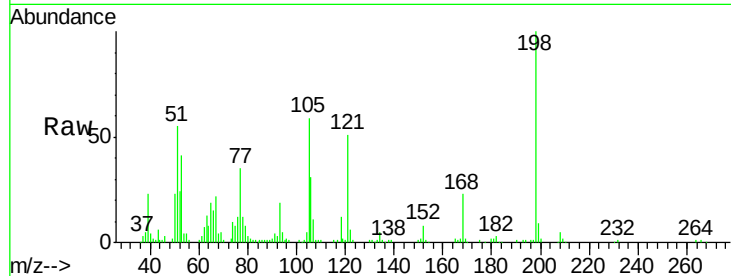
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	198	Resp:	104691
Ion Ratio	Lower	Upper	
198	100		
51	54.9	39.6	79.6
105	58.6	36.6	76.6

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#65

n-Nitrosodiphenylamine

Concen: 5.43 ng

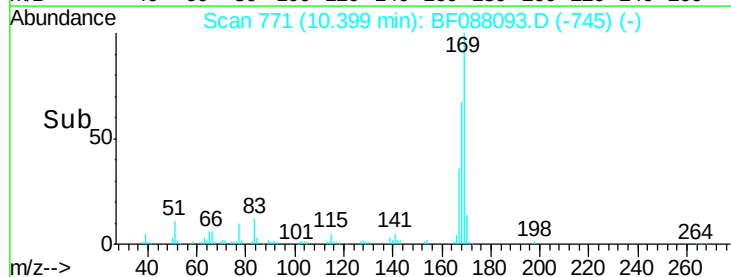
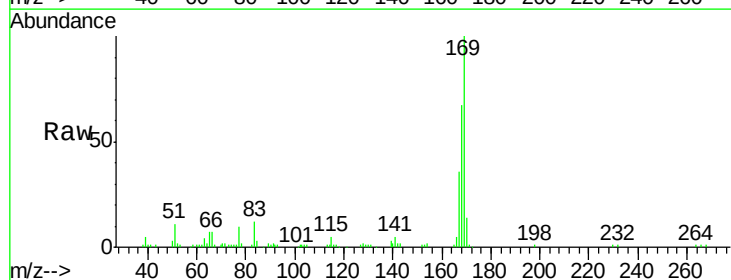
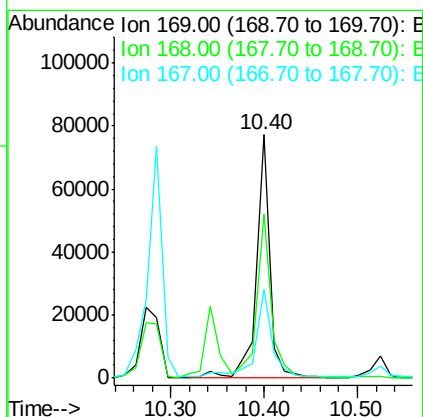
RT: 10.40 min Scan# 771

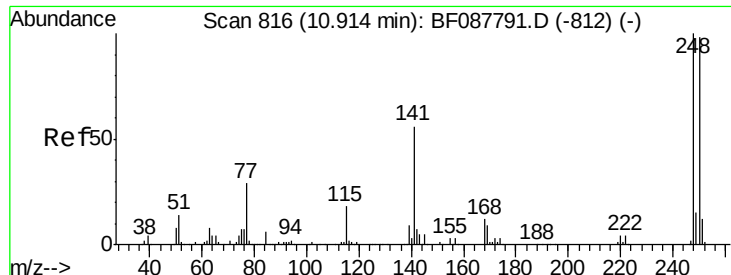
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	169	Resp:	77309
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.4	80.0
167	36.4	29.4	44.0





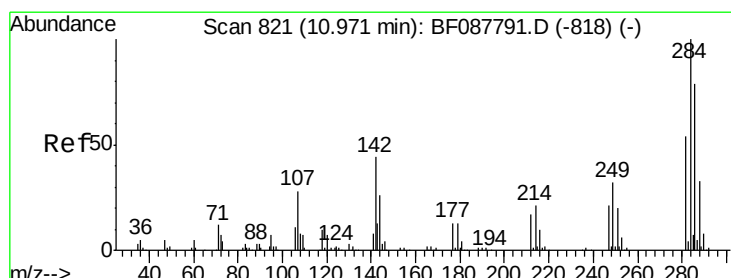
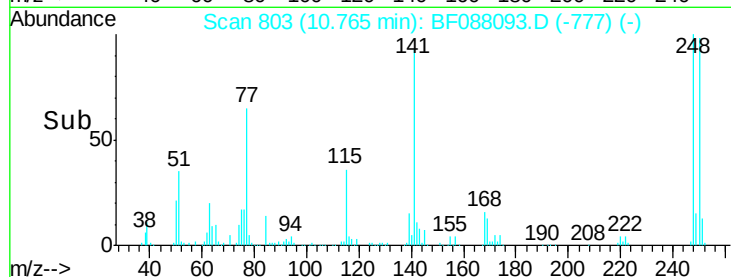
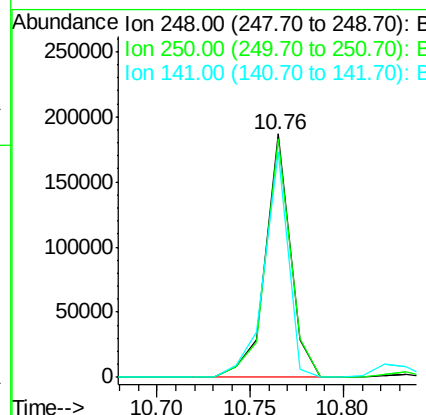
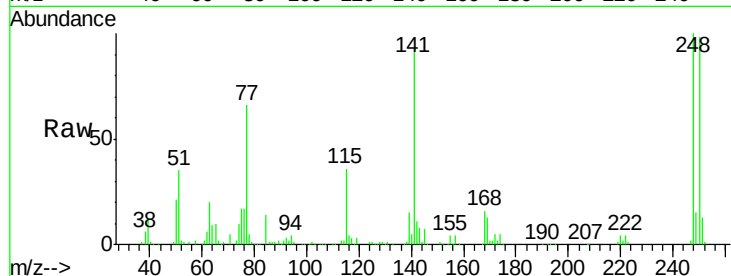
#66
4-Bromophenyl-phenylether
Concen: 37.63 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	92.7	50.6	76.0

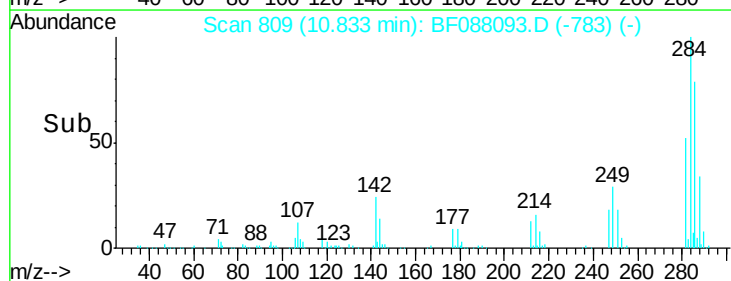
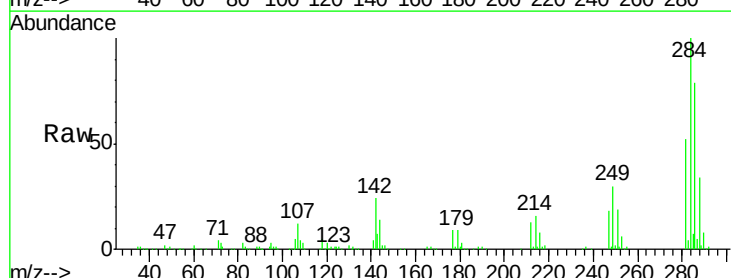
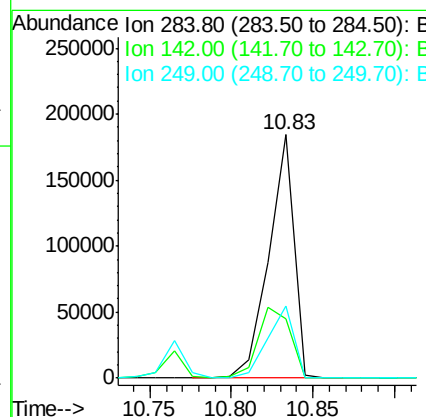
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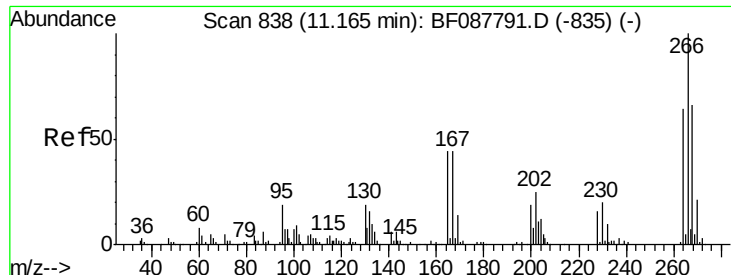
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#67
Hexachlorobenzene
Concen: 41.43 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	35.8	53.8
249	29.8	25.8	38.6





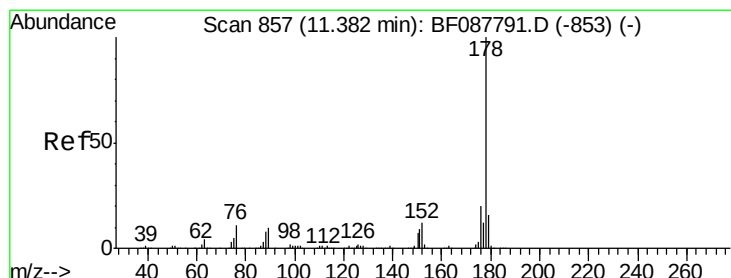
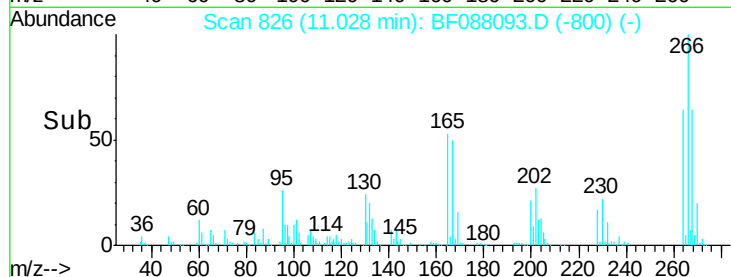
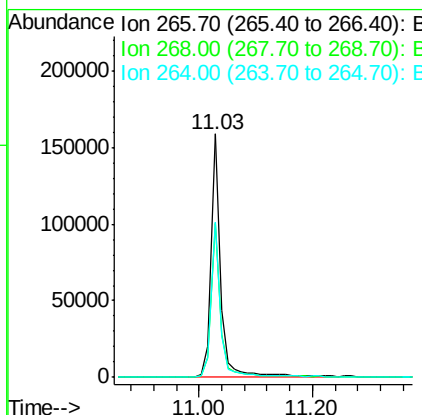
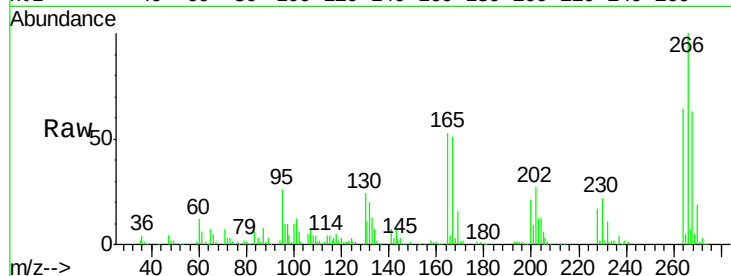
#69
 Pentachlorophenol
 Concen: 72.49 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	63.8	49.6	74.4

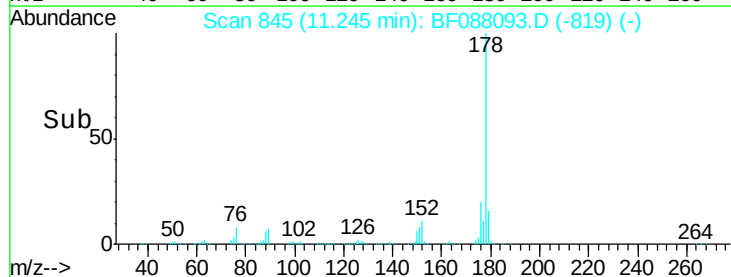
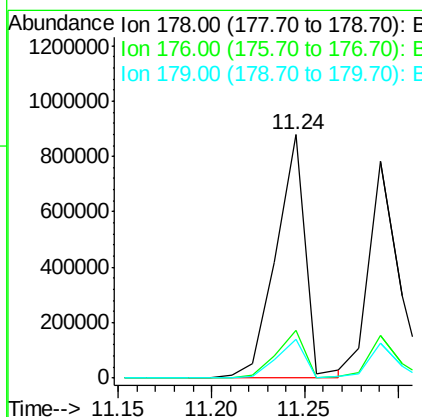
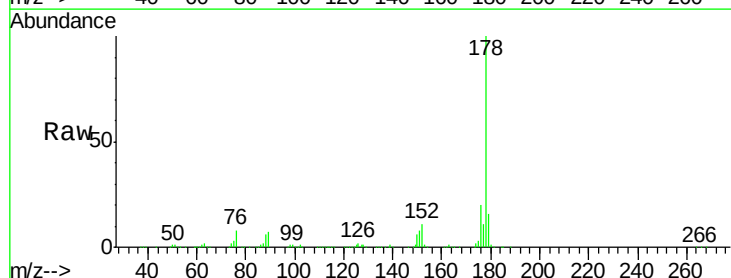
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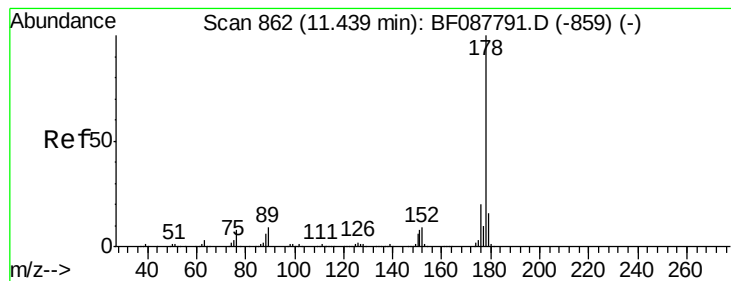
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#70
 Phenanthrene
 Concen: 42.87 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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





#71

Anthracene

Concen: 36.16 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF088093.D

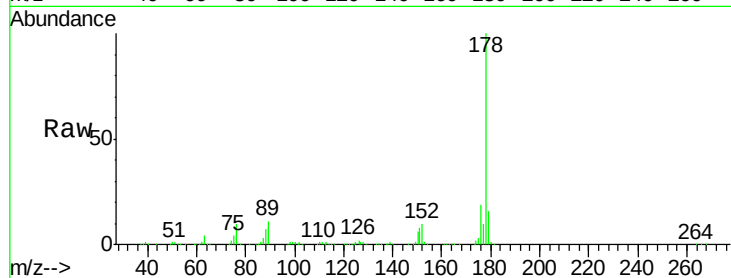
Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

ClientSampleId :

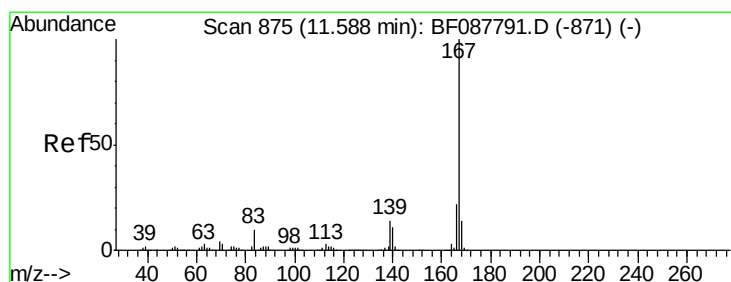
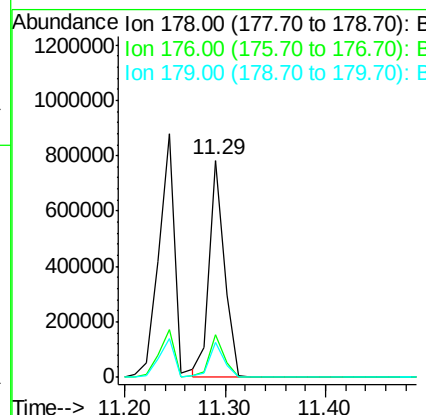
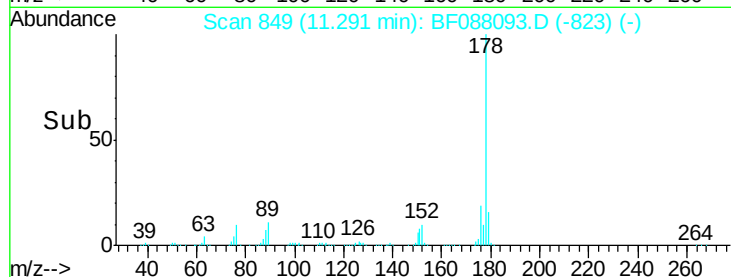
HSR-WC-52-060916MS



Tot Ion:	178	Resp:	820834
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.6	23.4
179	16.1	12.8	19.2

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#72

Carbazole

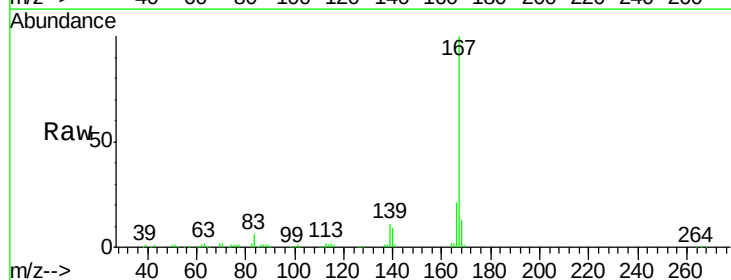
Concen: 6.08 ng

RT: 11.45 min Scan# 863

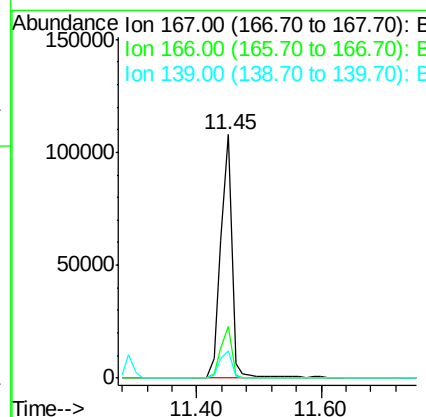
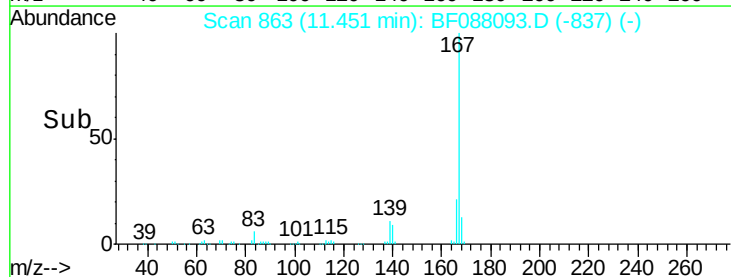
Delta R.T. -0.00 min

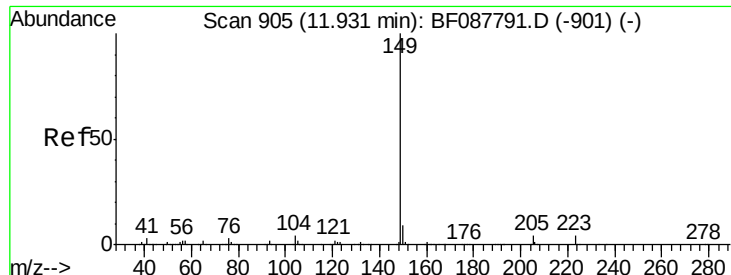
Lab File: BF088093.D

Acq: 17 Jun 2016 15:15



Tgt Ion:	167	Resp:	129163
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.8	26.6
139	11.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.79 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:149 Resp: 1043022

Ion Ratio Lower Upper

149 100

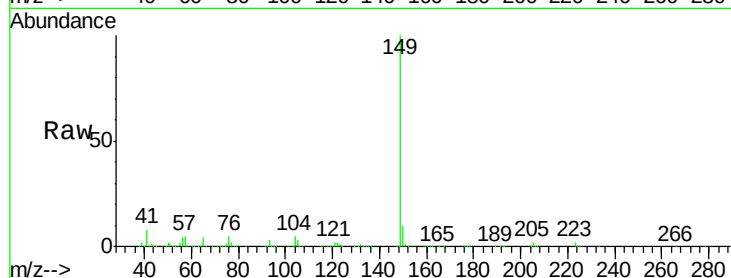
150 9.8 7.8 11.6

104 5.3 4.0 6.0

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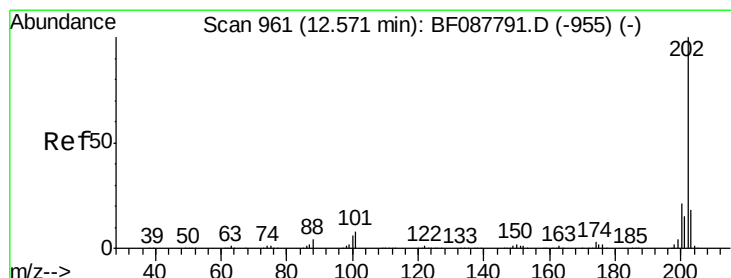
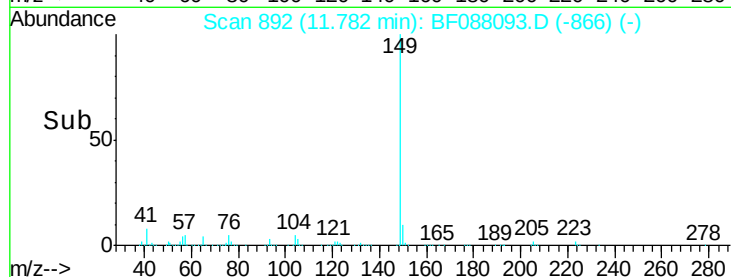
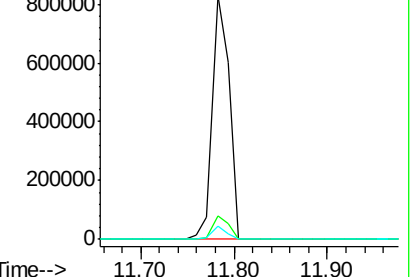
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.85 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

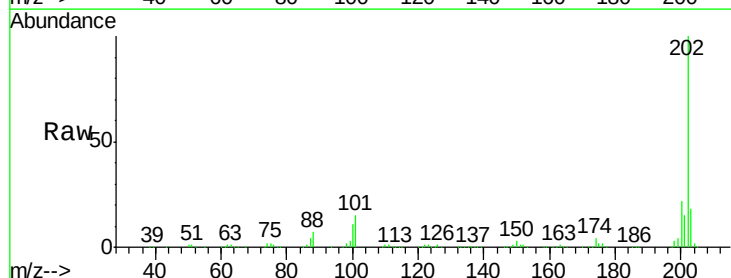
Tgt Ion:202 Resp: 803735

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.1

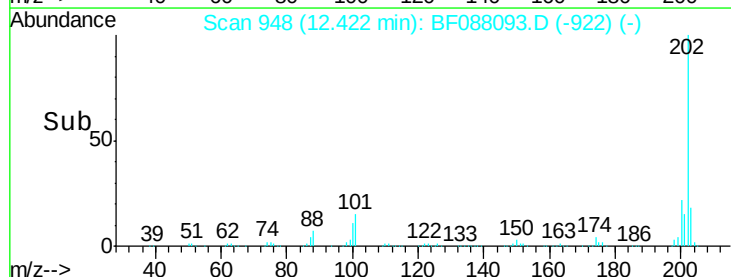
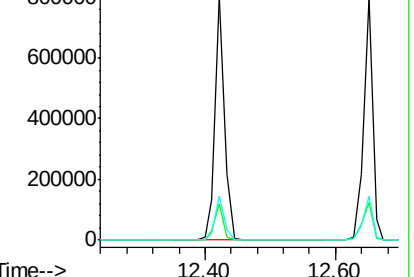
203 18.3 0.0 38.1

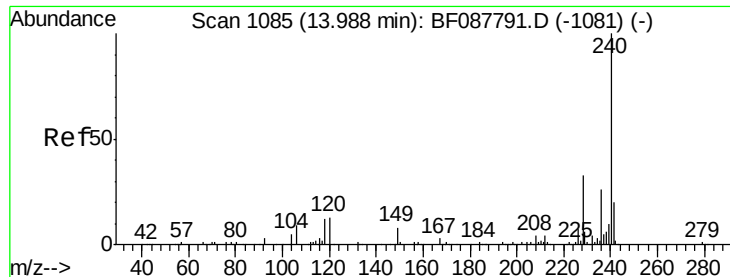


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

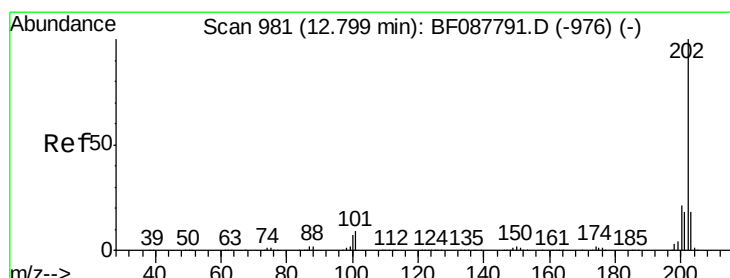
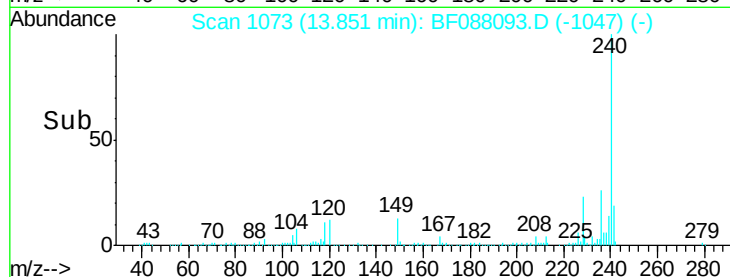
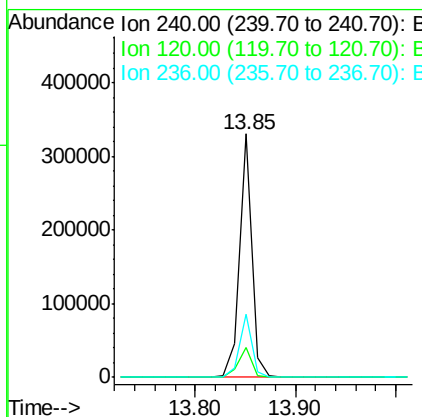
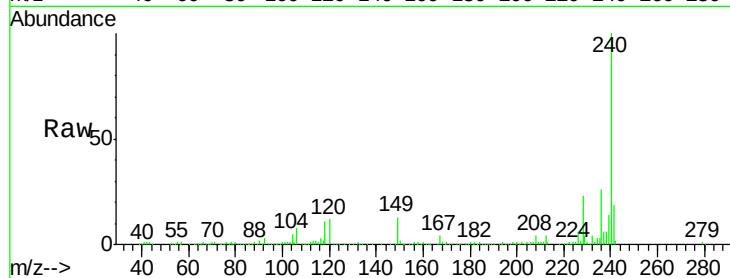
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	280792		
120	12.0	6.8	10.2#	
236	25.9	20.2	30.2	

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#77

Pyrene

Concen: 36.45 ng

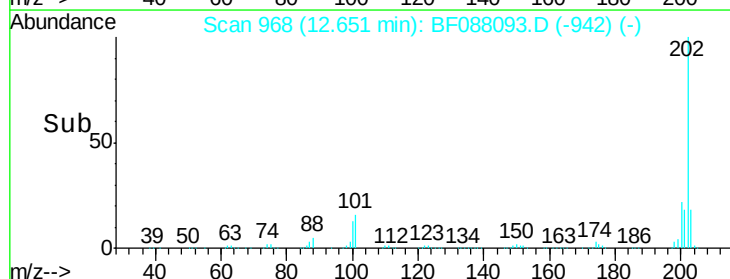
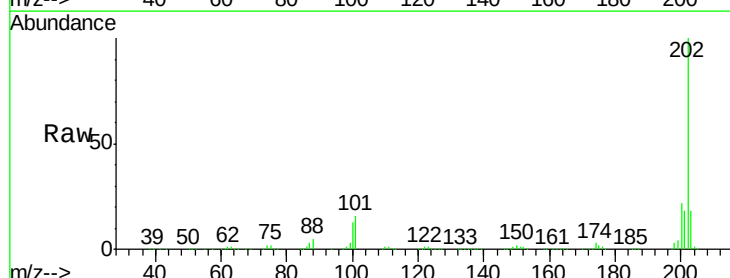
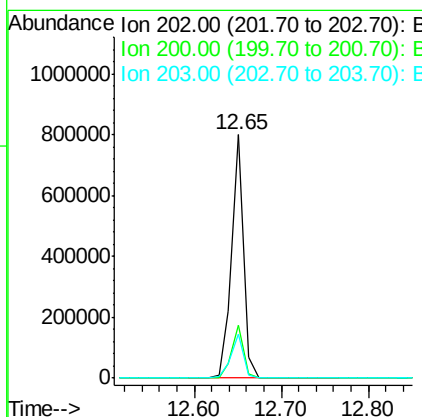
RT: 12.65 min Scan# 968

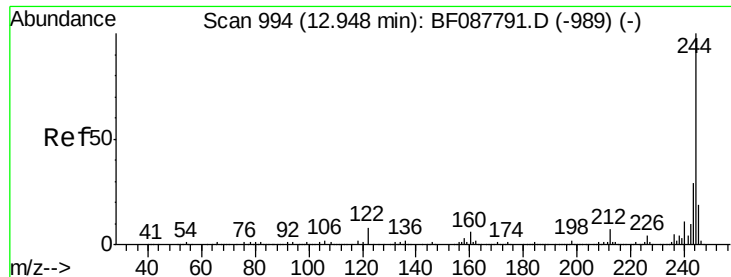
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	759557		
200	21.9	17.4	26.2	
203	17.9	14.5	21.7	





#78

Terphenyl-d14

Concen: 76.42 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

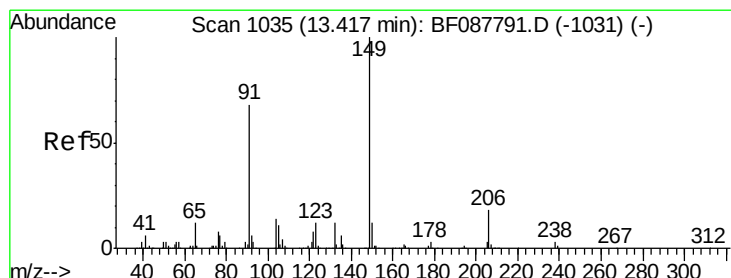
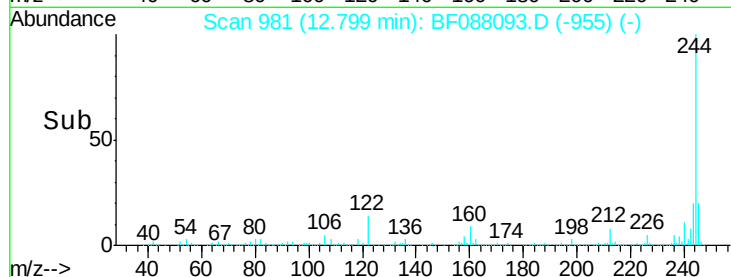
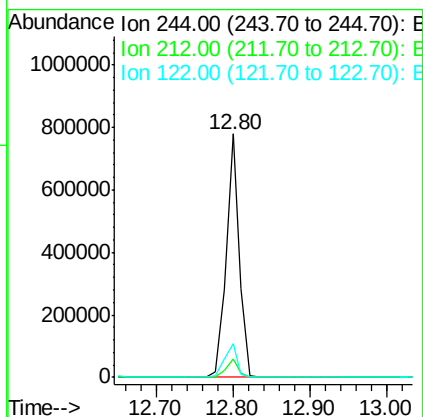
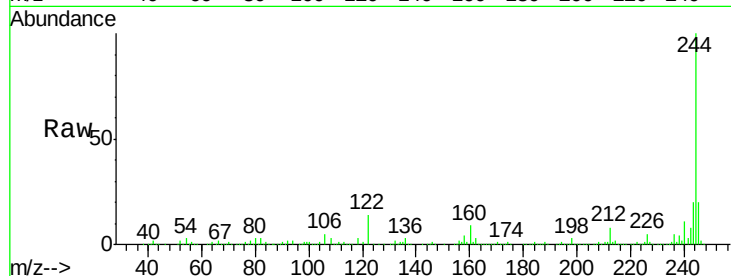
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion:	244	Resp:	942983
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	13.6	11.2	16.8

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#79

Butylbenzylphthalate

Concen: 47.46 ng

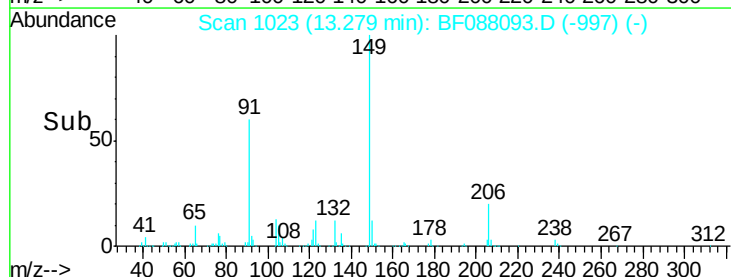
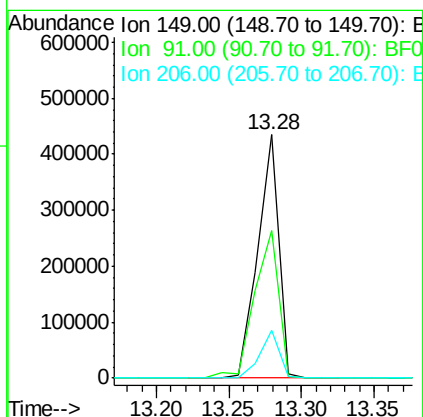
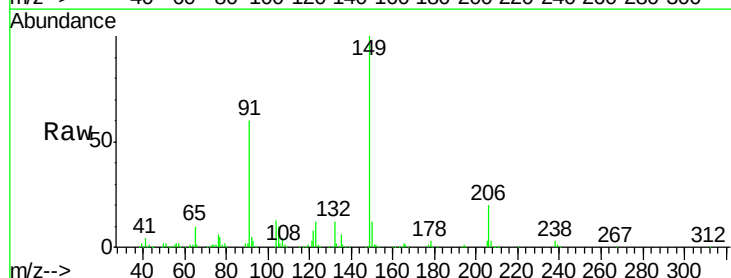
RT: 13.28 min Scan# 1023

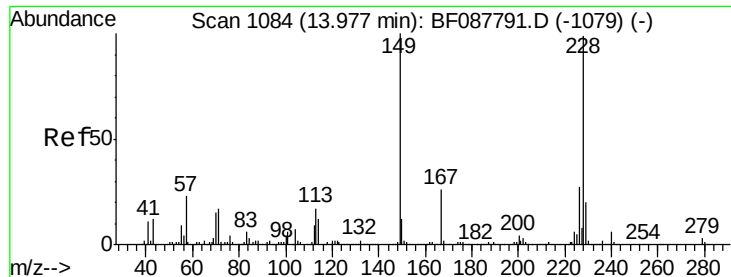
Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion:	149	Resp:	437246
Ion Ratio	Lower	Upper	
149	100		
91	60.5	48.0	72.0
206	19.8	16.0	24.0





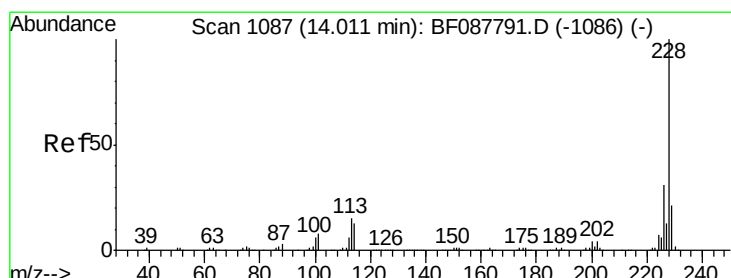
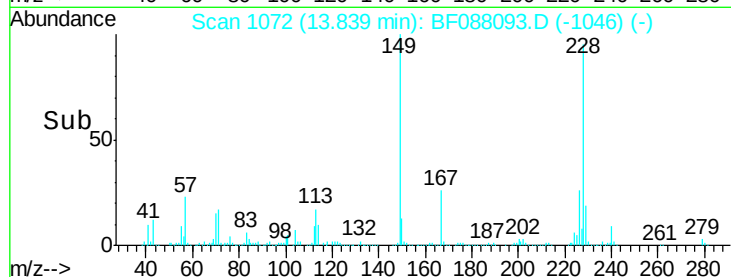
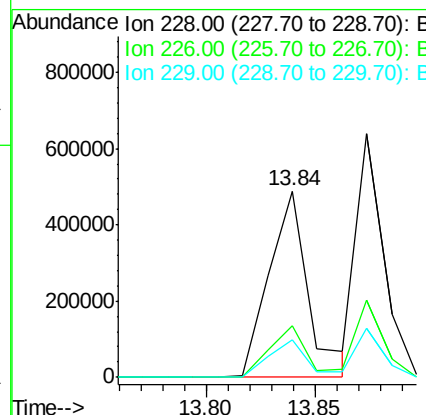
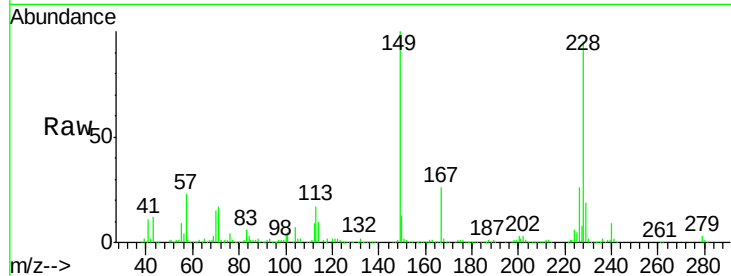
#80
Benzo(a)anthracene
Concen: 38.80 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	16.0	24.0

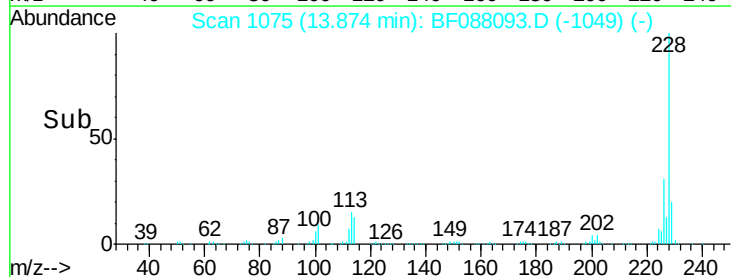
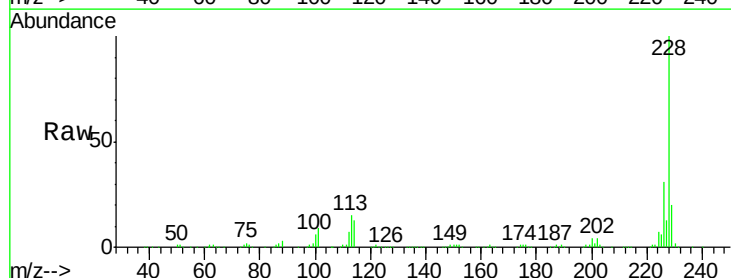
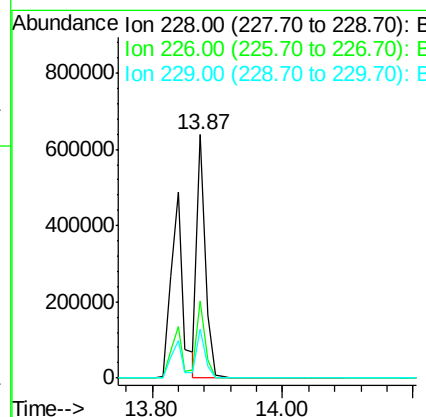
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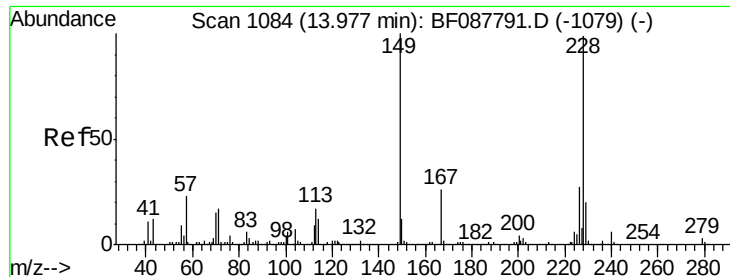
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#82
Chrysene
Concen: 37.73 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	20.1	16.3	24.5





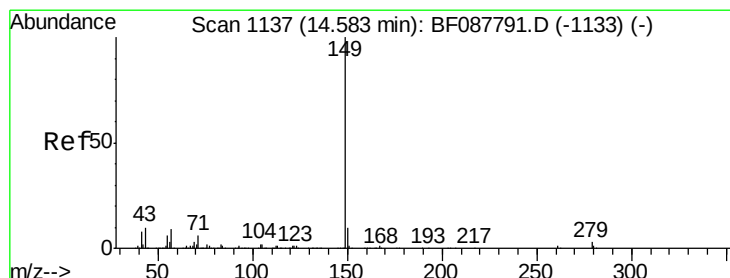
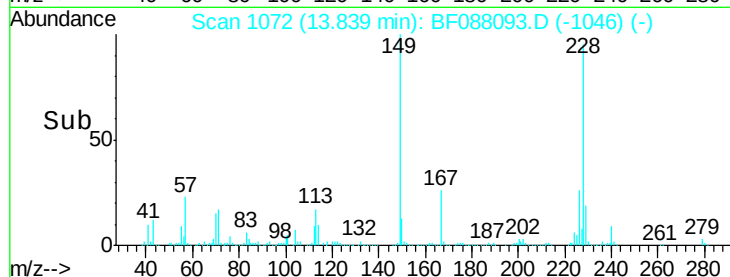
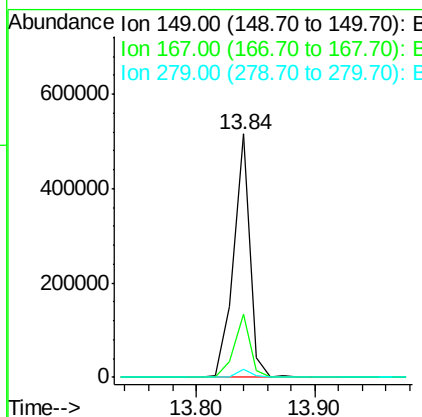
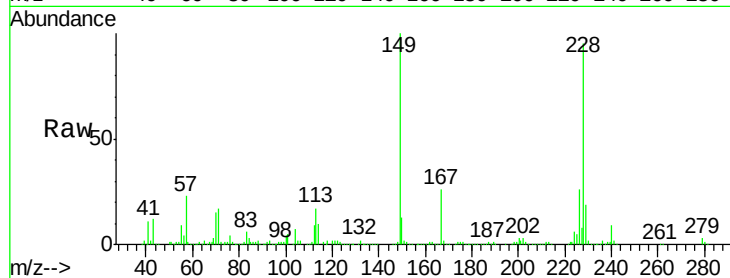
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.92 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492504		
167	25.7	20.5	30.7	
279	3.3	2.0	3.0	

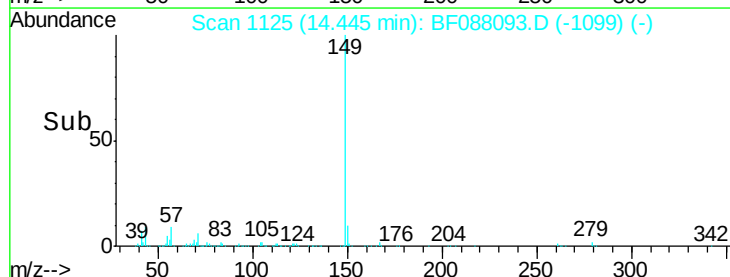
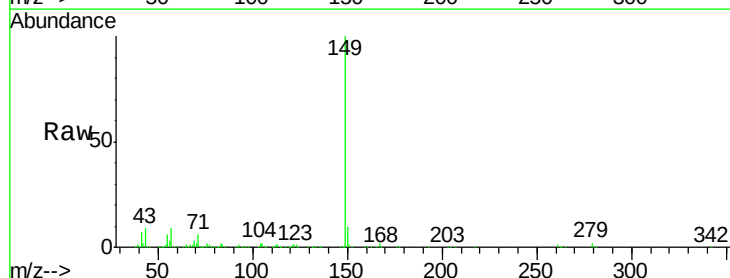
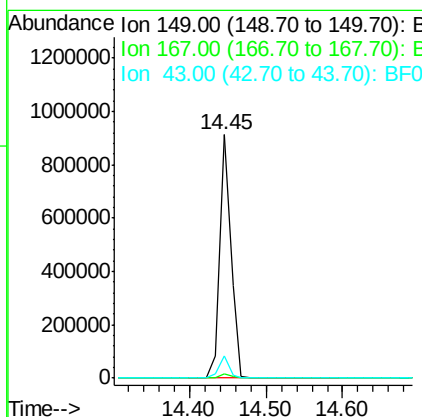
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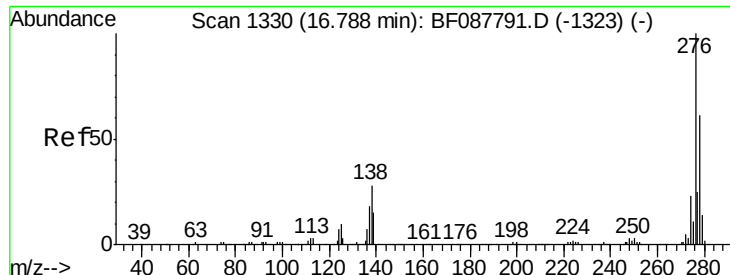
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#84
 Di-n-octyl phthalate
 Concen: 51.10 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	931079		
167	1.6	0.0	0.0	
43	8.0	0.0	0.0	





#85

Indeno(1,2,3-cd)pyrene

Concen: 26.59 ng

RT: 16.54 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Instrument :

BNA_F

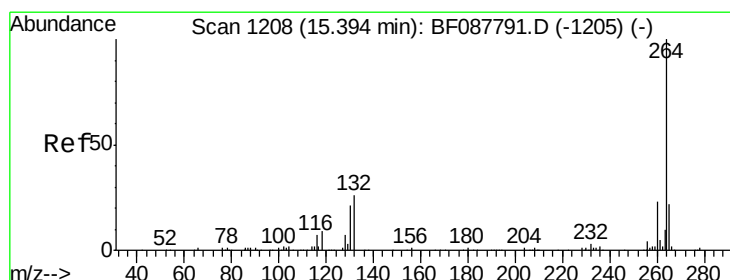
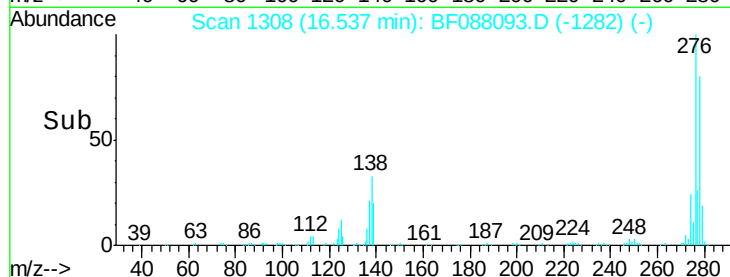
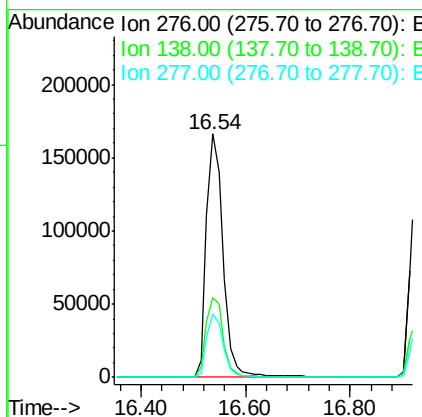
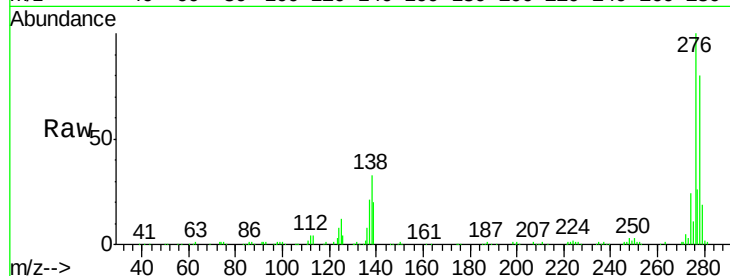
ClientSampleId :

HSR-WC-52-060916MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	371889		
138	34.1	0.0	0.0#	
277	25.8	0.0	0.0#	

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#86

Perylene-d12

Concen: 20.00 ng

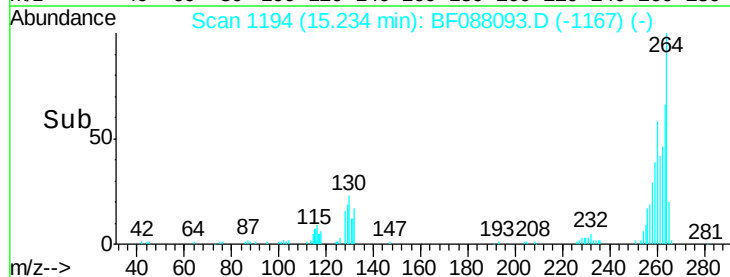
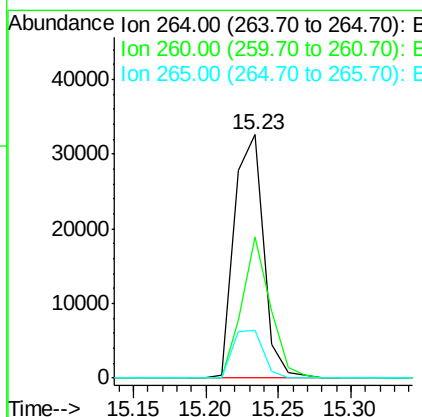
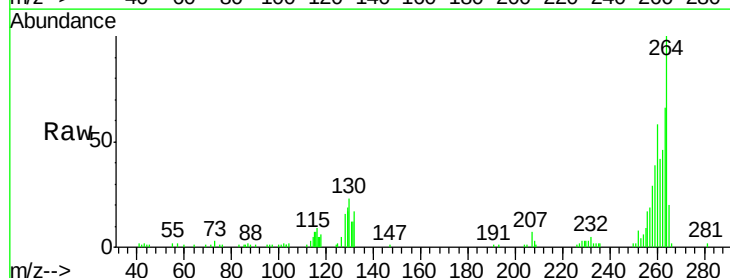
RT: 15.23 min Scan# 1194

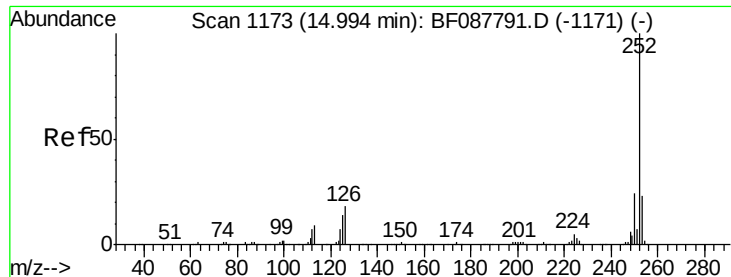
Delta R.T. 0.01 min

Lab File: BF088093.D

Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	45762		
260	57.8	19.2	28.8#	
265	19.9	16.9	25.3	





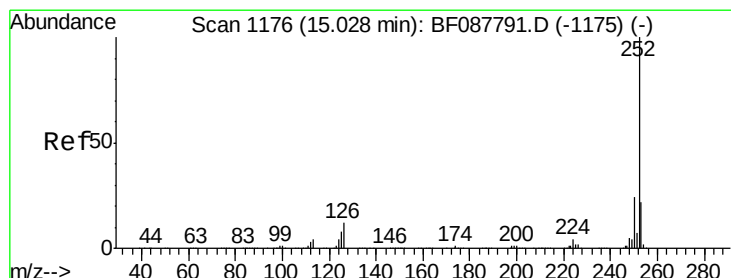
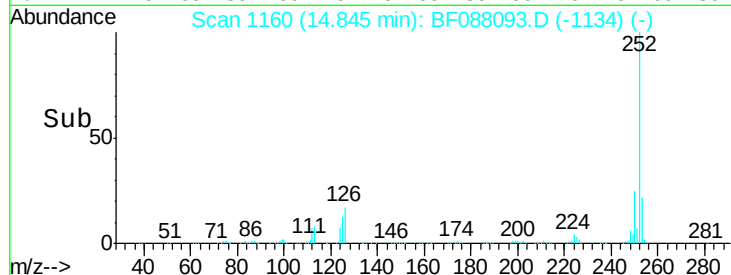
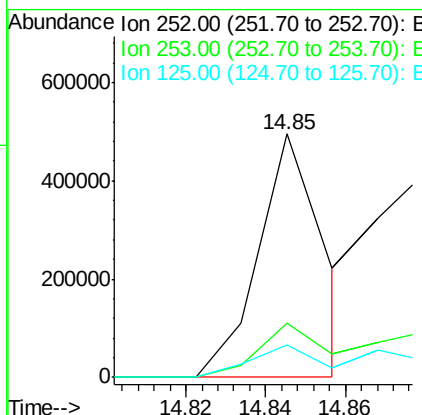
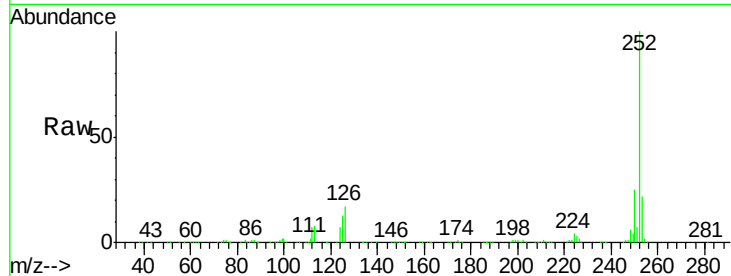
#87
Benzo(b)fluoranthene
Concen: 178.08 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.1	7.1	10.7

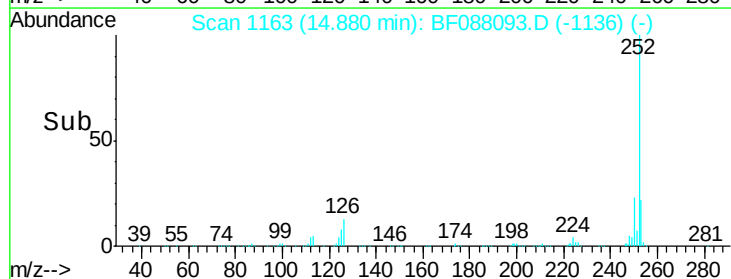
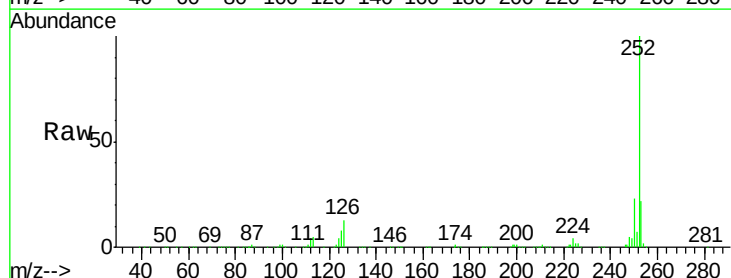
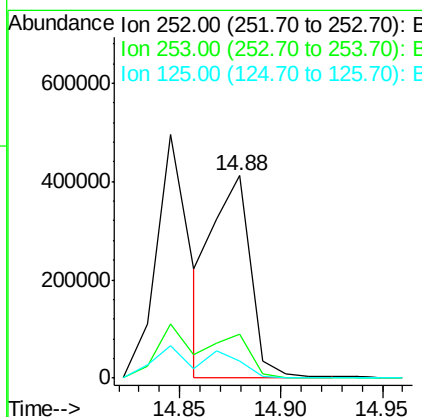
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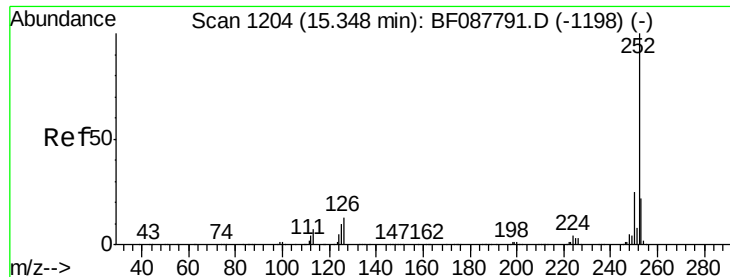
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#88
Benzo(k)fluoranthene
Concen: 223.71 ng m
RT: 14.88 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.5	11.2	16.8





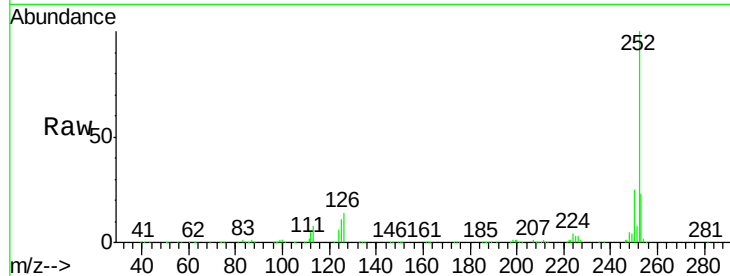
#89
Benzo(a)pyrene
Concen: 134.63 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

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

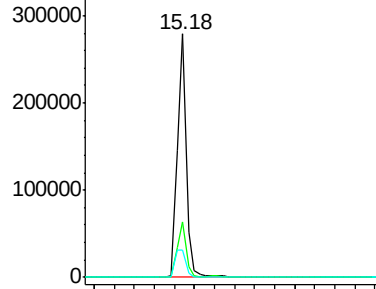
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.4	12.5	18.7

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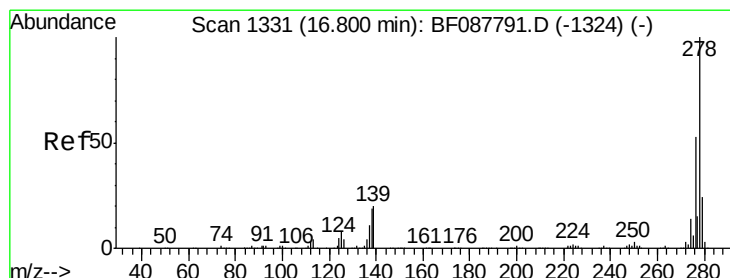
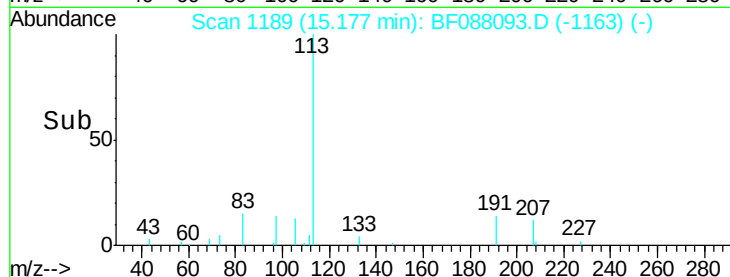
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



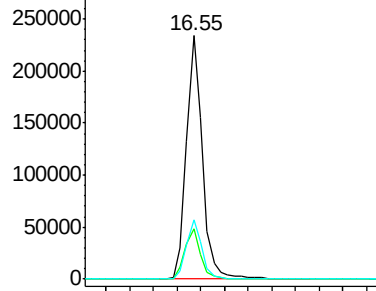
Time--> 15.00 15.20 15.40



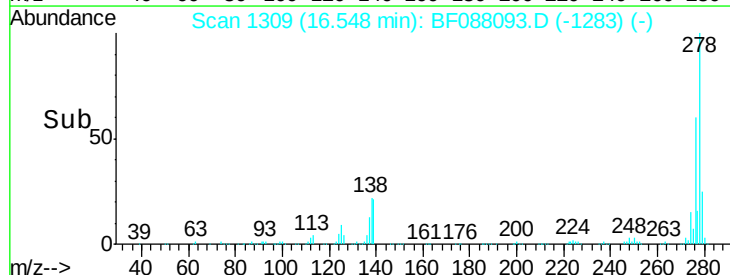
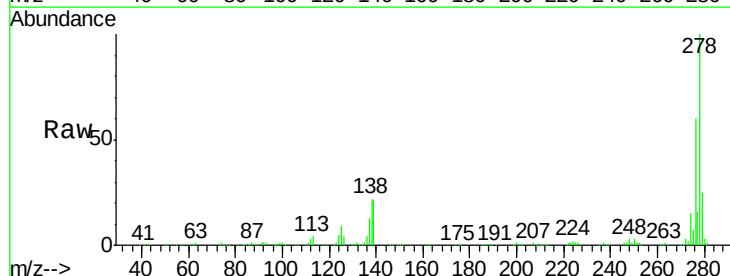
#90
Dibenzo(a,h)anthracene
Concen: 183.56 ng
RT: 16.55 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF088093.D
Acq: 17 Jun 2016 15:15

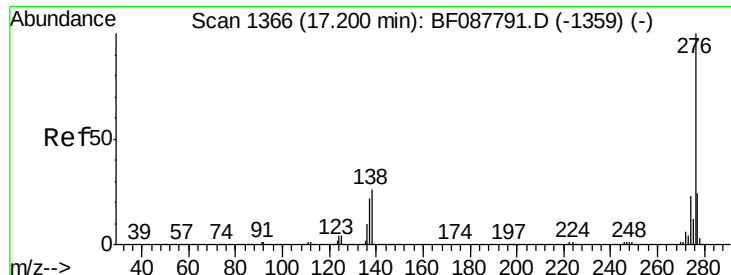
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	24.6	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 16.40 16.60 16.80





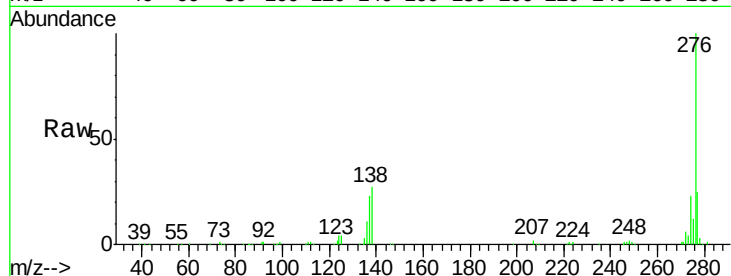
#91
 Benzo(a,h,i)perylene
 Concen: 118.17 ng
 RT: 16.93 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF088093.D
 Acq: 17 Jun 2016 15:15

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

Tot Ion:	276	Resp:	291345
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.9	28.3
138	26.6	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

