

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088054.D
 Acq On : 16 Jun 2016 1:01
 Operator : UM/SJ
 Sample : H3510-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 16 11:14:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108922	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	440665	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	181503	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	304202	20.00	ng	0.00
75) Chrysene-d12	13.90	240	212668	20.00	ng	0.00
86) Perylene-d12	15.29	264	173093	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	687556	107.91	ng	0.03
7) Phenol-d6	6.40	99	835477	108.20	ng	0.01
23) Nitrobenzene-d5	7.31	82	620491	82.22	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	196150	102.35	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1146870	100.26	ng	0.00
78) Terphenyl-d14	12.85	244	689359	73.76	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	105331	34.02	ng	# 87
3) Pyridine	3.13	79	165085m	22.58	ng	
4) n-Nitrosodimethylamine	3.06	42	119135	38.48	ng	81
6) Aniline	6.43	93	28946	2.63	ng	# 80
8) 2-Chlorophenol	6.54	128	330010	43.76	ng	88
9) Benzaldehyde	6.30	77	13843	2.59	ng	95
10) Phenol	6.41	94	339025	42.38	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	297572	43.95	ng	89
12) 1,3-Dichlorobenzene	6.68	146	323518	39.98	ng	98
13) 1,4-Dichlorobenzene	6.76	146	344827	42.31	ng	99
14) 1,2-Dichlorobenzene	6.91	146	293151m	39.55	ng	
15) Benzyl Alcohol	6.90	79	123676	20.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	377259	41.24	ng	87
17) 2-Methylphenol	7.02	107	246020	40.23	ng	99
18) Hexachloroethane	7.26	117	120799	41.77	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	210508	42.62	ng	# 86
20) 3+4-Methylphenols	7.18	107	299031	41.91	ng	# 79
22) Acetophenone	7.16	105	419596	42.61	ng	# 95
24) Nitrobenzene	7.34	77	338597	46.32	ng	93
25) Isophorone	7.58	82	572847	40.98	ng	100
26) 2-Nitrophenol	7.66	139	177848	45.42	ng	# 73
27) 2,4-Dimethylphenol	7.70	122	305504	42.37	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	335994	38.76	ng	98
29) 2,4-Dichlorophenol	7.90	162	247830	41.17	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	273160	41.67	ng	99
31) Naphthalene	8.06	128	951228	43.62	ng	99
32) Benzoic acid	7.85	122	193705	48.79	ng	89
34) Hexachlorobutadiene	8.17	225	137792	39.86	ng	98
35) Caprolactam	8.49	113	72668m	36.44	ng	
36) 4-Chloro-3-methylphenol	8.60	107	258334	40.13	ng	97
37) 2-Methylnaphthalene	8.74	142	590169	41.06	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239620	54.69	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	128548	43.91	ng	98
42) 2,4,6-Trichlorophenol	9.03	196	161938	44.62	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	167024	44.23	nq	# 95
45) 1,1'-Biphenyl	9.21	154	650332	48.17	nq	99
46) 2-Chloronaphthalene	9.23	162	522436	44.48	nq	99
47) 2-Nitroaniline	9.34	65	145085	41.87	nq	# 78
48) Acenaphthylene	9.64	152	768234	41.12	nq	99
49) Dimethylphthalate	9.52	163	610553	46.44	nq	100
50) 2,6-Dinitrotoluene	9.58	165	132063	43.86	nq	# 64
51) Acenaphthene	9.82	154	523311	44.90	nq	99
53) 2,4-Dinitrophenol	9.86	184	112756	70.53	nq	# 65
54) Dibenzofuran	9.99	168	670166	41.75	nq	# 88
55) 4-Nitrophenol	9.92	139	159407	59.11	nq	89
56) 2,4-Dinitrotoluene	9.99	165	176759	45.68	nq	# 87
57) Fluorene	10.33	166	463229	42.43	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	139818	47.12	nq	# 55
59) Diethylphthalate	10.22	149	631819	47.47	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	236849	44.37	nq	89
61) 4-Nitroaniline	10.35	138	58783	17.84	nq	95
62) Azobenzene	10.48	77	488081	37.09	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	83592	44.20	nq	# 78
65) n-Nitrosodiphenylamine	10.44	169	191083	18.93	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	146315	44.83	nq	# 81
67) Hexachlorobenzene	10.88	284	158427	46.72	nq	# 88
68) Atrazine	10.97	200	12236	4.00	nq	95
69) Pentachlorophenol	11.07	266	147416	82.47	nq	97
70) Phenanthrene	11.29	178	753349	47.19	nq	99
71) Anthracene	11.34	178	700340	43.49	nq	99
72) Carbazole	11.50	167	241211	16.01	nq	97
73) Di-n-butylphthalate	11.84	149	903346	47.36	nq	# 98
74) Fluoranthene	12.47	202	630082	37.40	nq	96
77) Pyrene	12.70	202	614536	38.94	nq	100
79) Butylbenzylphthalate	13.33	149	331431	47.50	nq	94
80) Benzo(a)anthracene	13.89	228	498081	41.10	nq	100
82) Chrysene	13.92	228	487770	42.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	372463	43.85	nq	100
84) Di-n-octyl phthalate	14.50	149	724182	52.47	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	488784	46.14	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	561573m	46.55	nq	
88) Benzo(k)fluoranthene	14.93	252	513535m	56.43	nq	
89) Benzo(a)pyrene	15.23	252	499832	51.21	nq	100
90) Dibenzo(a,h)anthracene	16.64	278	433839	47.86	nq	99
91) Benzo(g,h,i)perylene	17.03	276	404613	43.39	nq	100

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

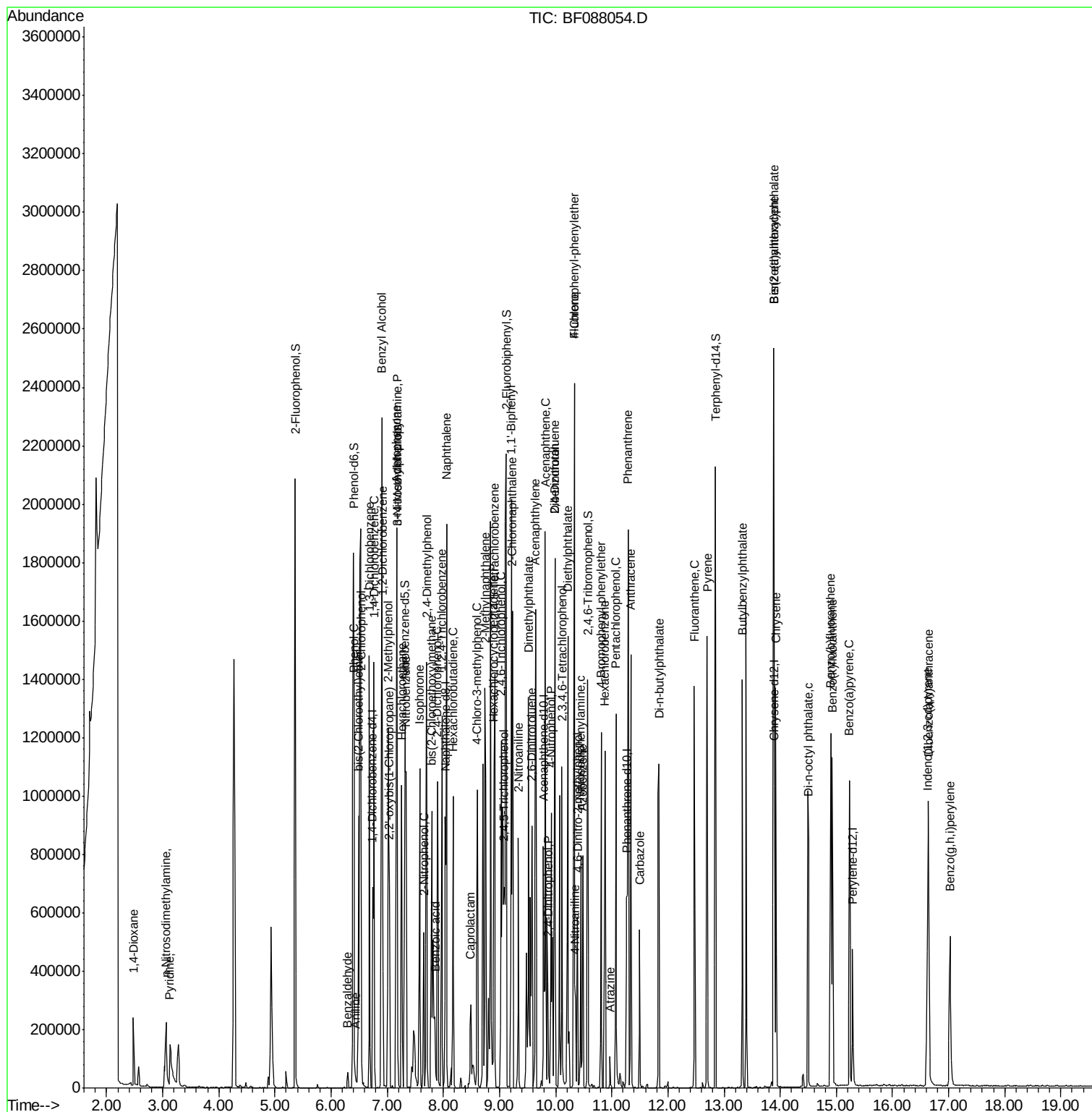
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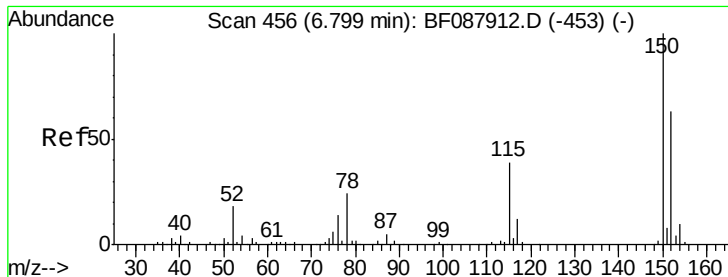
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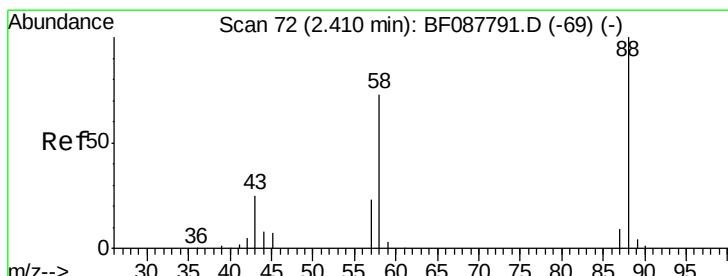
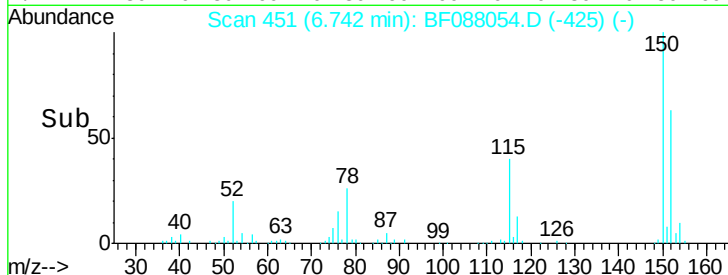
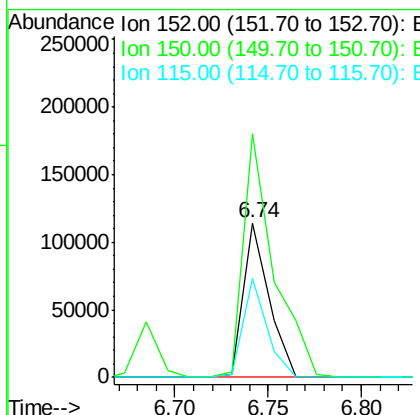
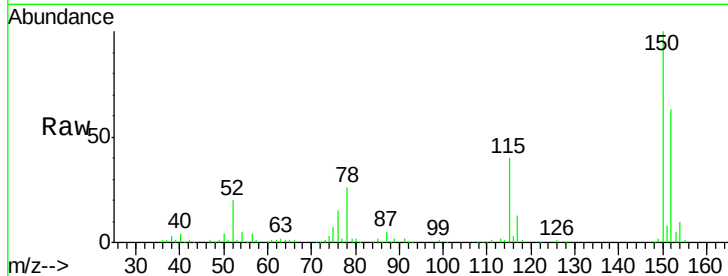
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.8	185.6
115	63.8	39.6	59.4

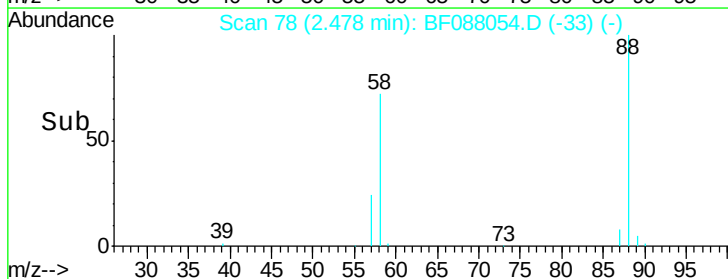
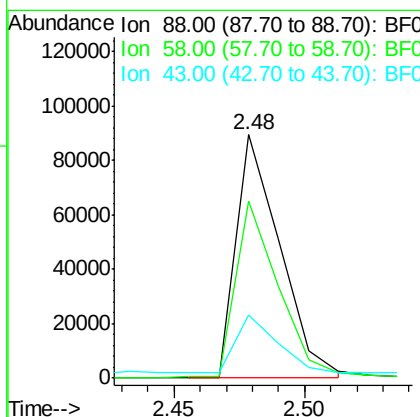
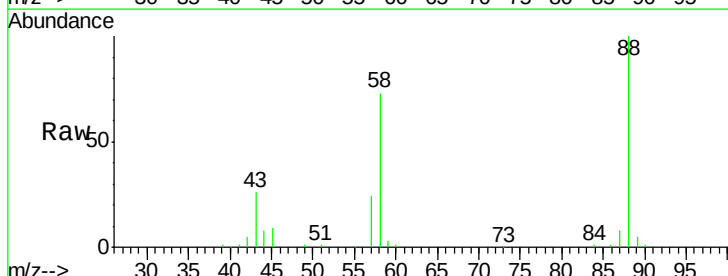
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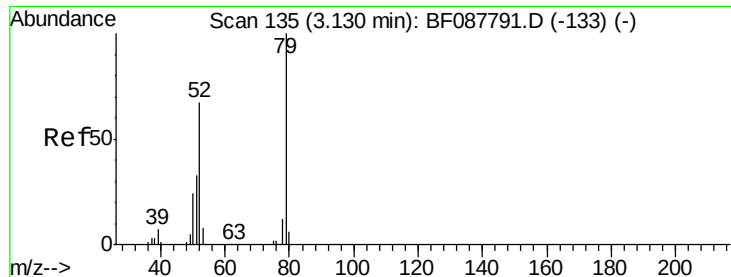
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#2
 1,4-Dioxane
 Concen: 34.02 ng
 RT: 2.48 min Scan# 78
 Delta R.T. 0.22 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	0.0	0.0
43	0.0	3.4	5.2





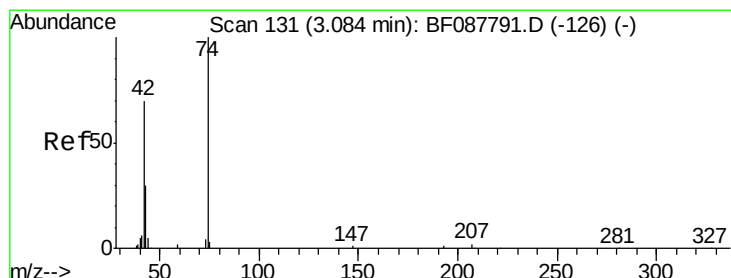
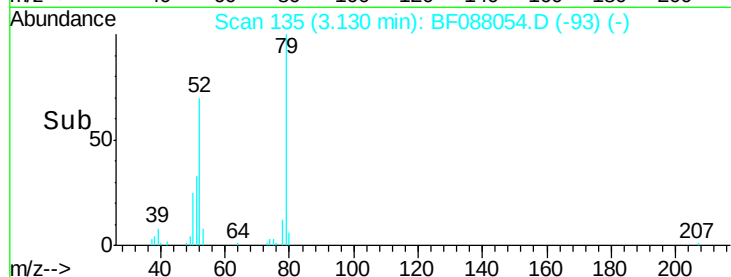
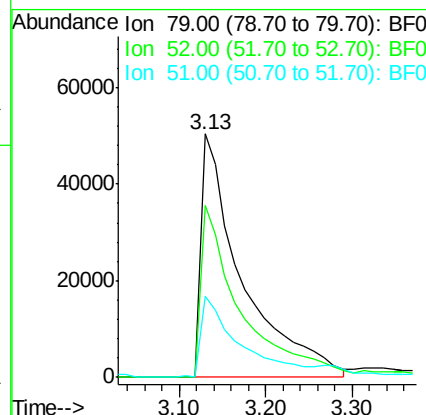
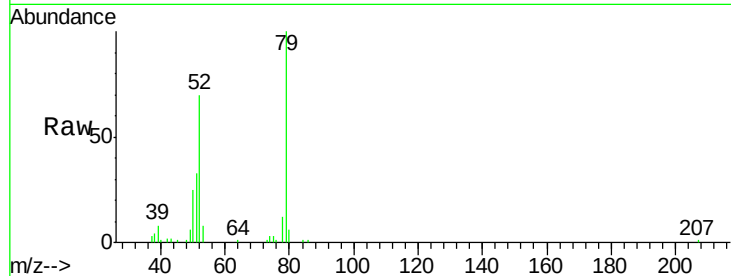
#3
 Pvridine
 Concen: 22.58 ng/ml
 RT: 3.13 min Scan# 135
 Delta R.T. 0.18 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		165085		
52	70.4	56.3		84.5	
51	33.5	27.4		41.2	

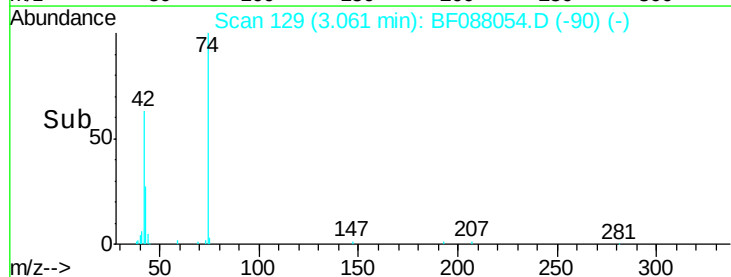
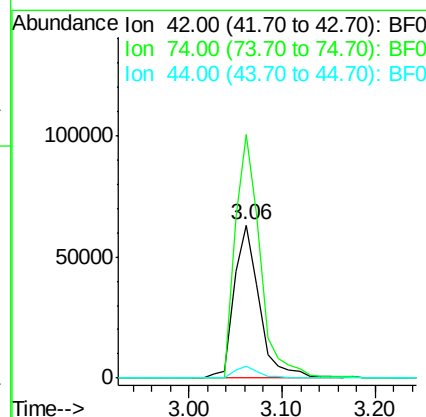
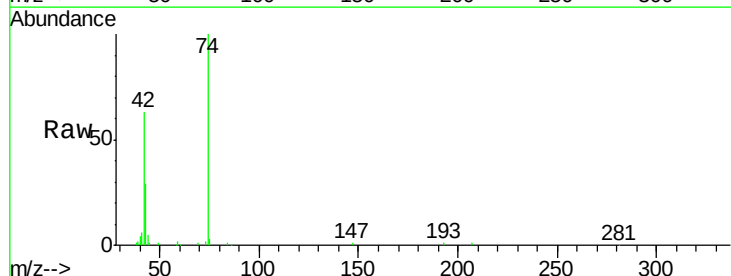
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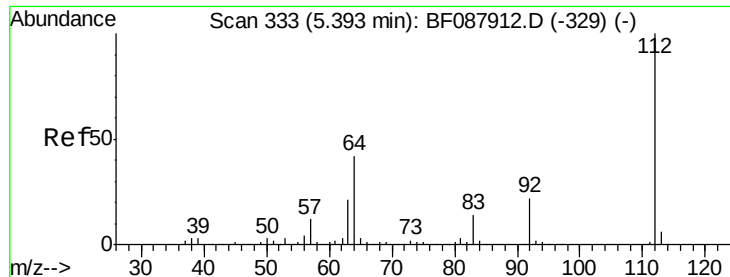
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#4
 n-Nitrosodimethylamine
 Concen: 38.48 ng/ml
 RT: 3.06 min Scan# 129
 Delta R.T. 0.15 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		119135		
74	159.2	108.6		163.0	
44	7.6	5.5		8.3	





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.03 min

Lab File: BF088054.D

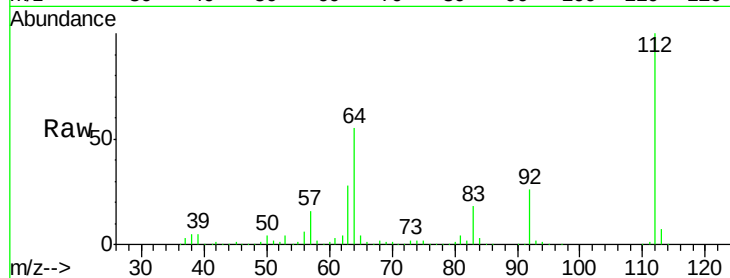
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Instrument :

BNA_F

ClientSampleId :

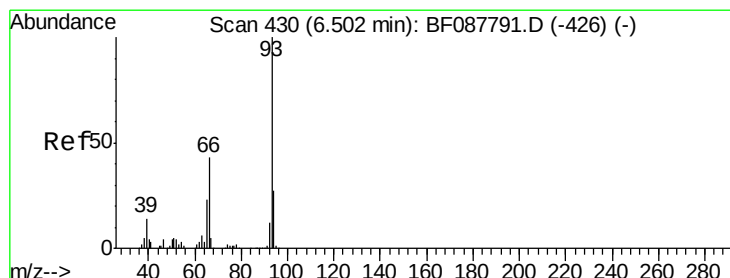
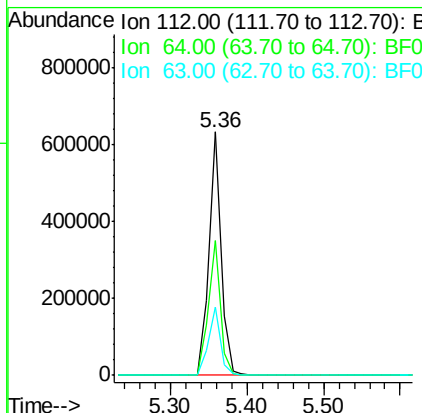
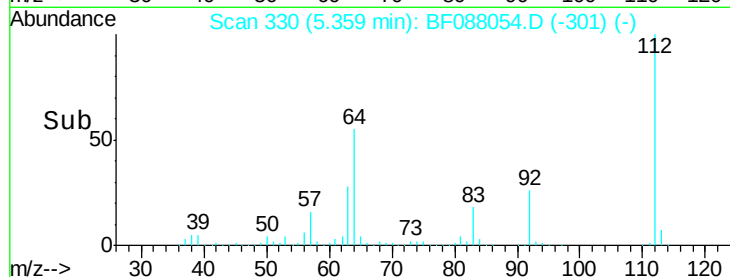
HSR-WC-52-060916MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	112	100	687556		
64	64	55.4	42.2	63.2	
63	63	28.2	21.8	32.8	

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#6

Aniline

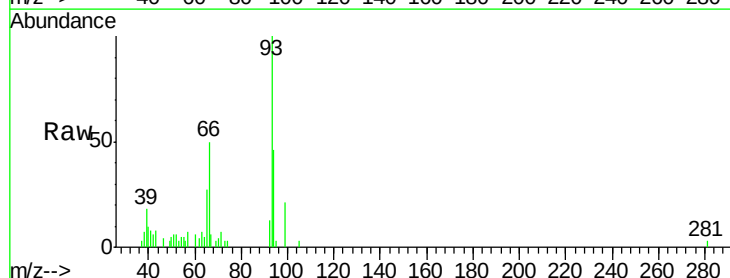
Concen: 2.63 ng

RT: 6.43 min Scan# 424

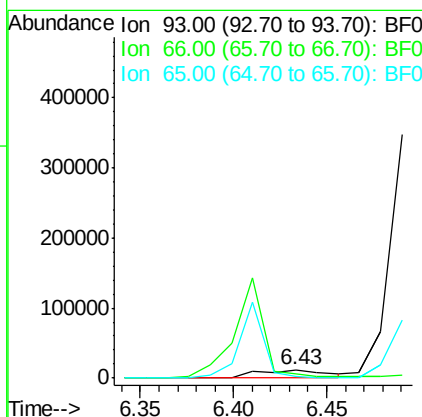
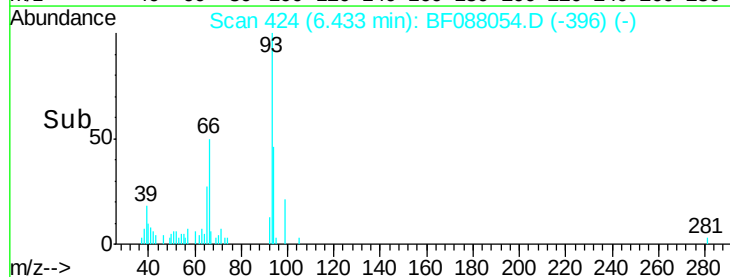
Delta R.T. 0.02 min

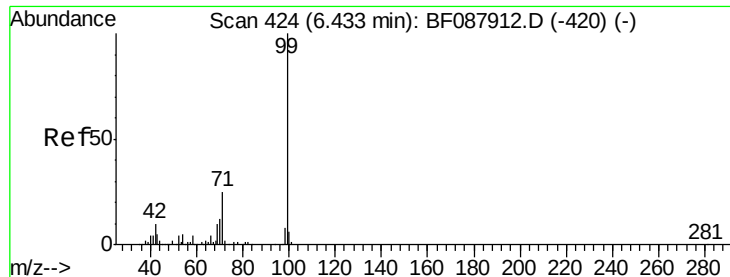
Lab File: BF088054.D

Acq: 16 Jun 2016 1:01



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	93	100	28946		
66	66	49.6	29.8	44.8#	
65	65	26.7	14.9	22.3#	





#7

Phenol-d6

Concen: 108.20 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

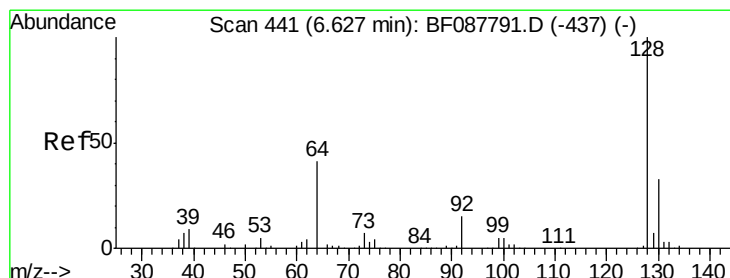
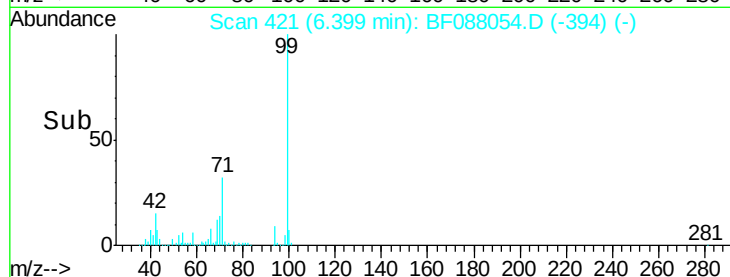
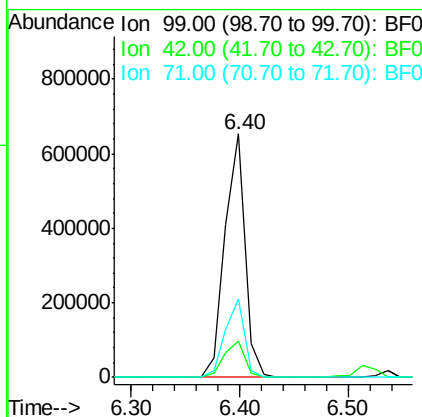
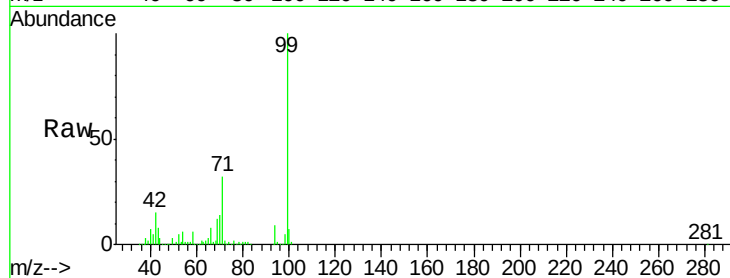
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Tot Ion:	99	Resp:	835477
Ion Ratio		Lower	Upper
99	100		
42	15.1	12.2	18.2
71	32.5	23.4	35.0

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#8

2-Chlorophenol

Concen: 43.76 ng

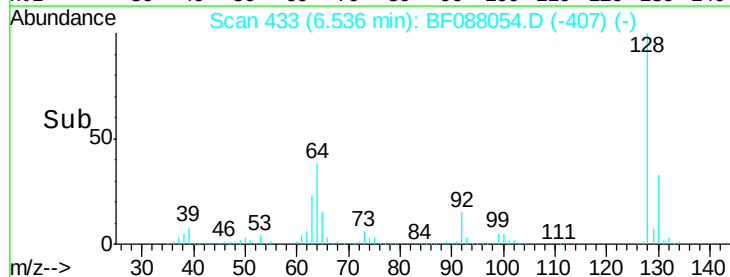
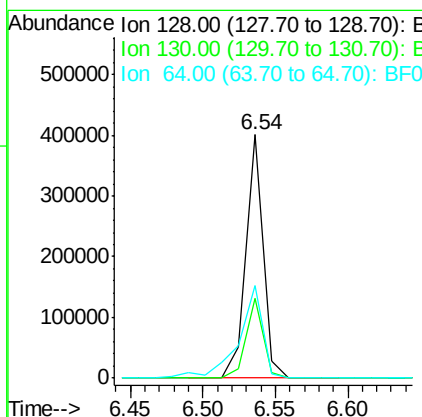
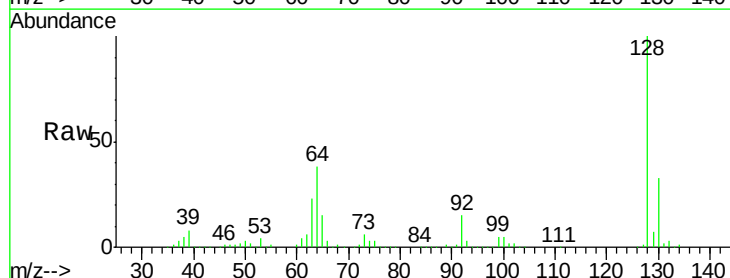
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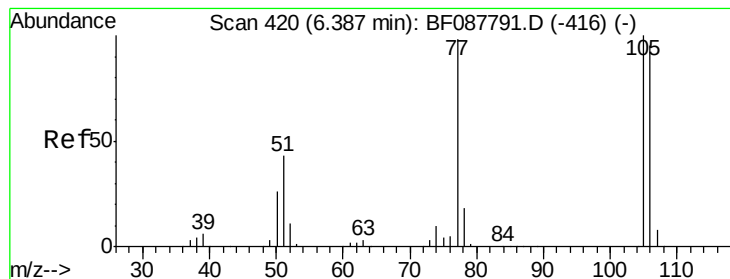
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	128	Resp:	330010
Ion Ratio		Lower	Upper
128	100		
130	32.9	12.0	52.0
64	38.1	30.8	70.8





#9

Benzaldehyde

Concen: 2.59 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

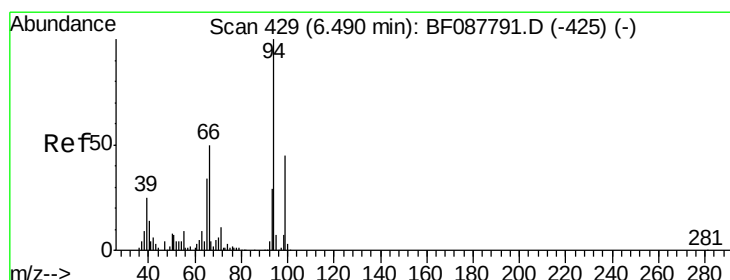
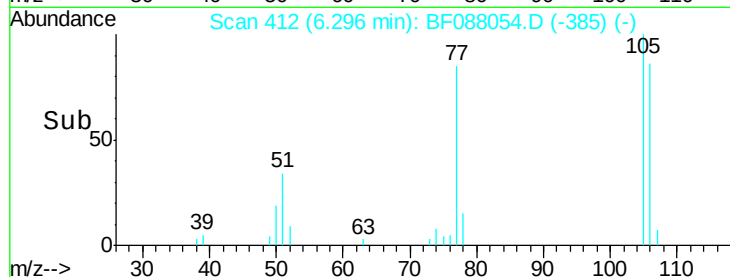
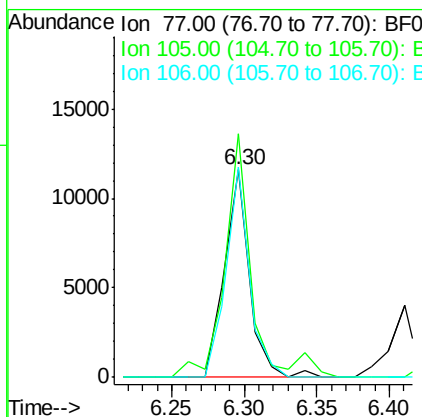
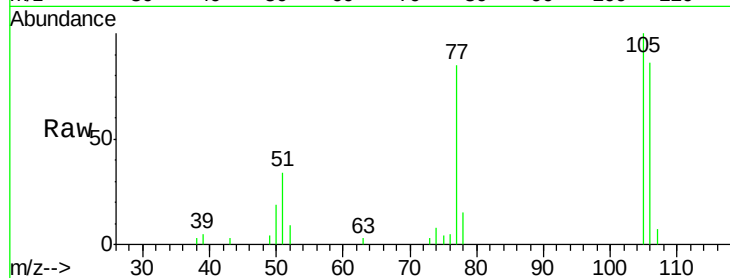
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	77	Resp:	13843
Ion Ratio	Lower	Upper	
77	100		
105	117.3	90.6	130.6
106	101.4	85.3	125.3

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#10

Phenol

Concen: 42.38 ng

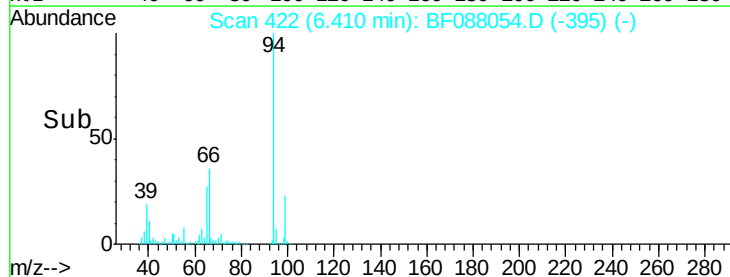
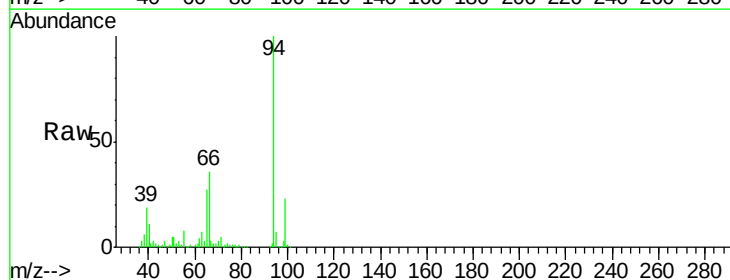
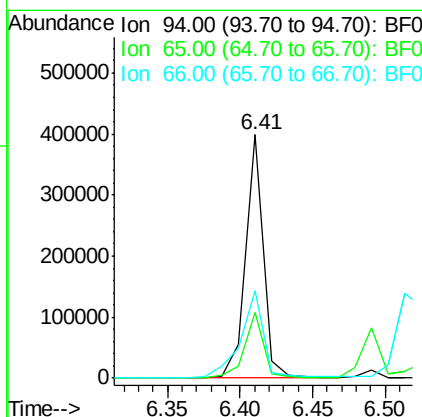
RT: 6.41 min Scan# 422

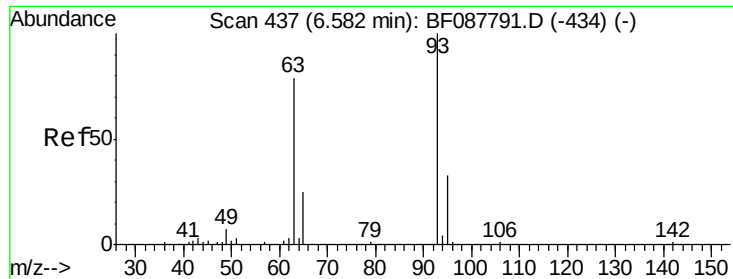
Delta R.T. 0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	94	Resp:	339025
Ion Ratio	Lower	Upper	
94	100		
65	27.0	5.9	45.9
66	35.9	14.0	54.0





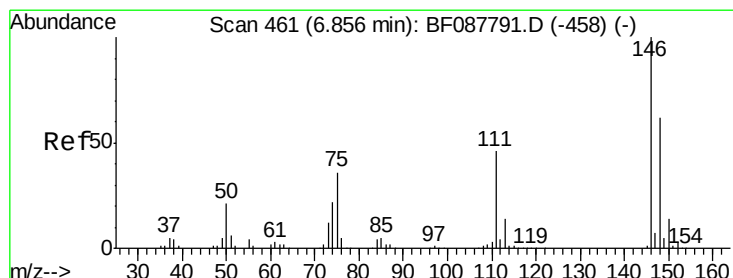
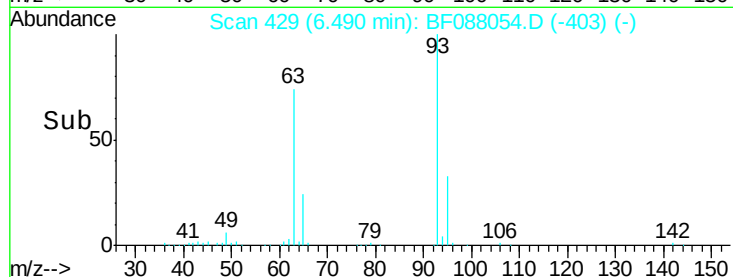
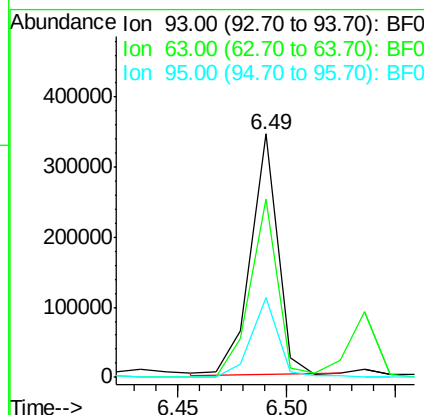
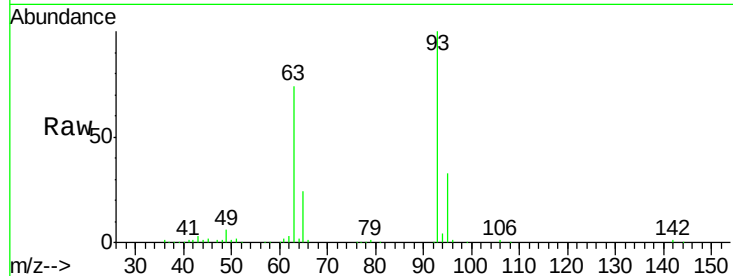
#11
bis(2-Chloroethyl)ether
Concen: 43.95 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	67.6	107.6
95	32.6	12.5	52.5

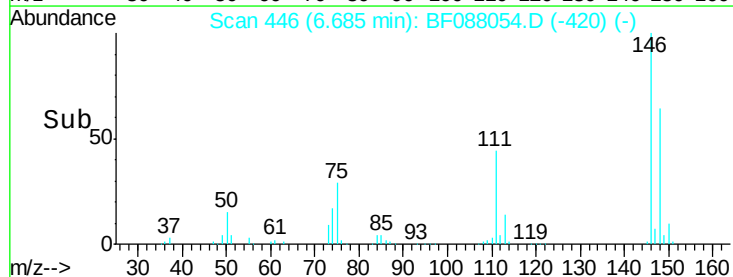
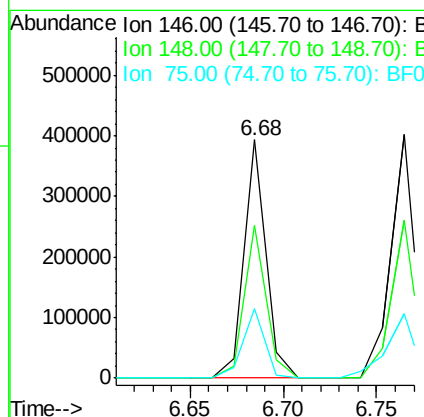
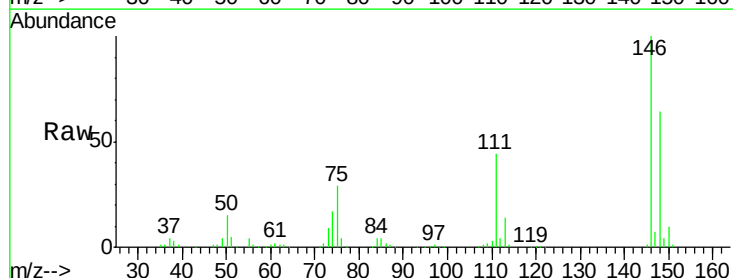
Manual Integrations
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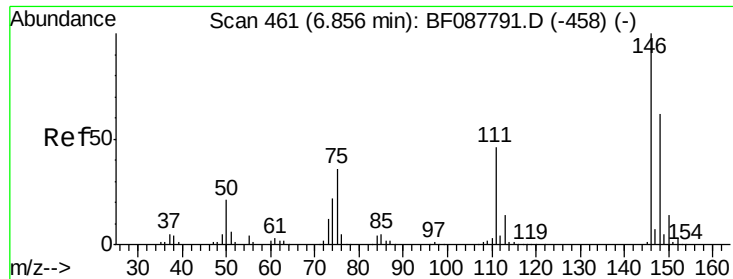
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#12
1,3-Dichlorobenzene
Concen: 39.98 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	29.3	25.6	38.4





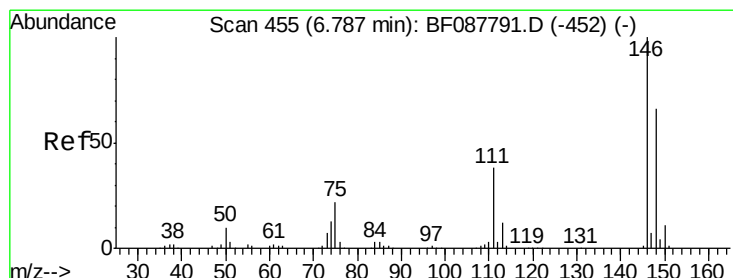
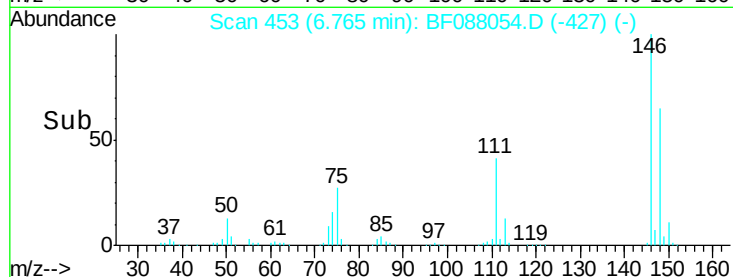
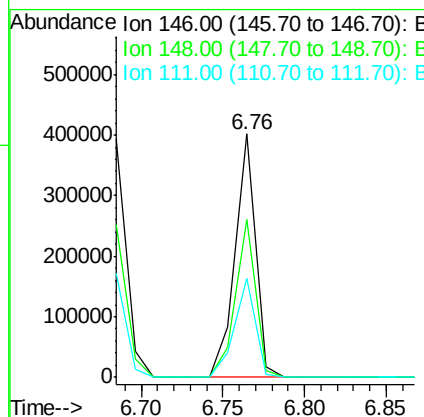
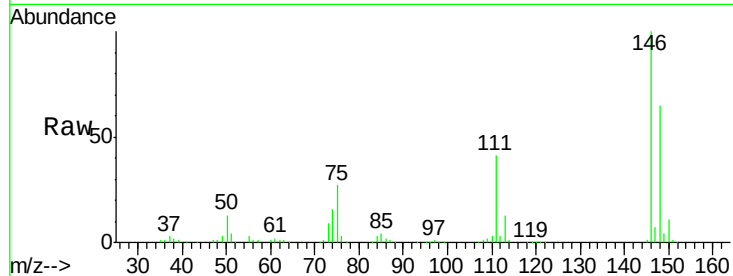
#13
1,4-Dichlorobenzene
Concen: 42.31 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	40.5	33.8	50.8

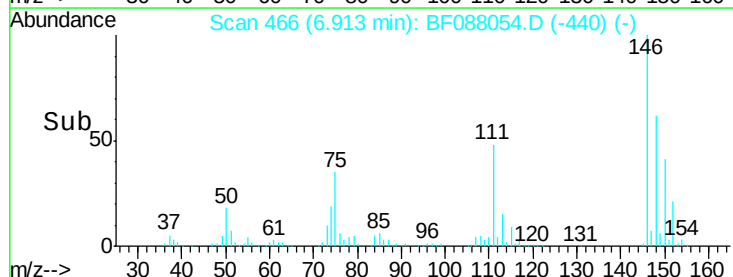
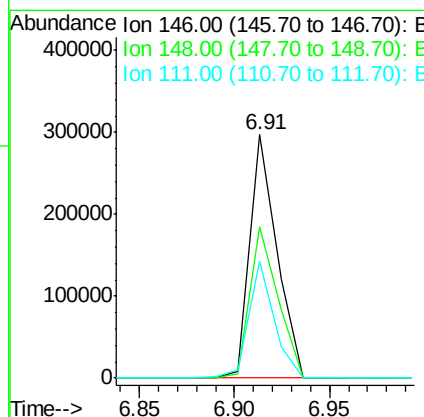
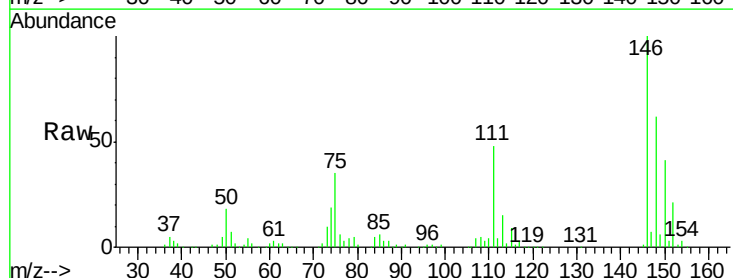
Manual Integrations
APPROVED

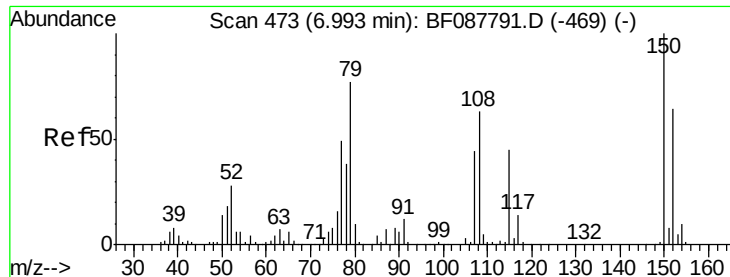
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#14
1,2-Dichlorobenzene
Concen: 39.55 ng m
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	47.8	28.7	43.1#





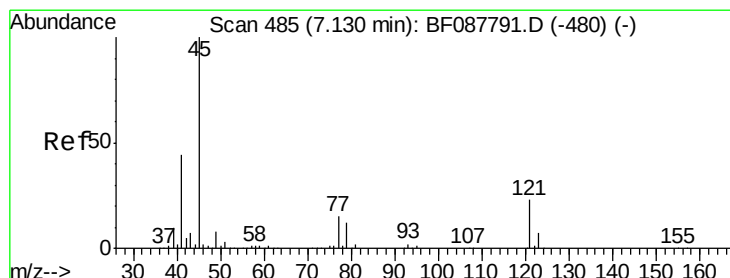
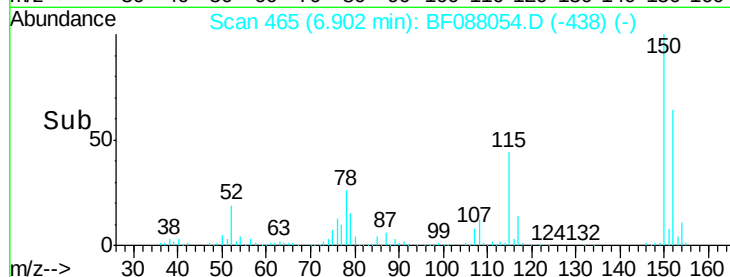
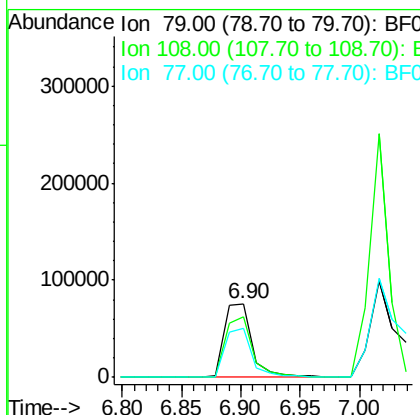
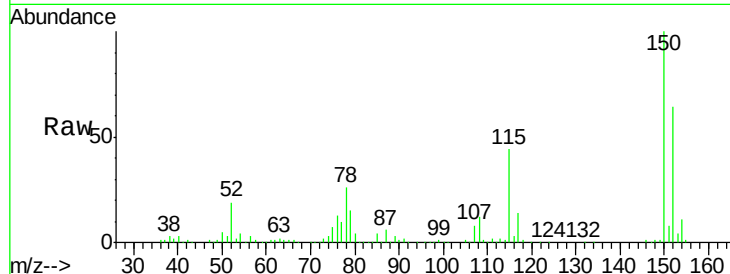
#15
Benzyl Alcohol
Concen: 20.47 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.2	65.0	97.6	
77	65.5	50.3	75.5	

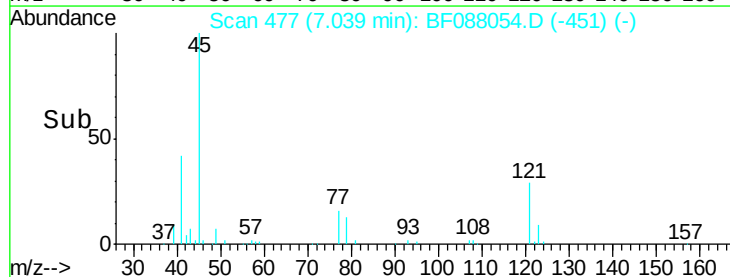
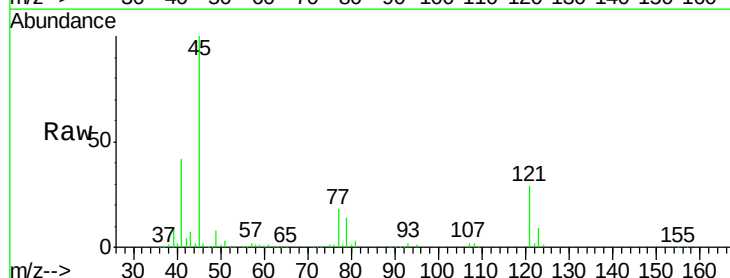
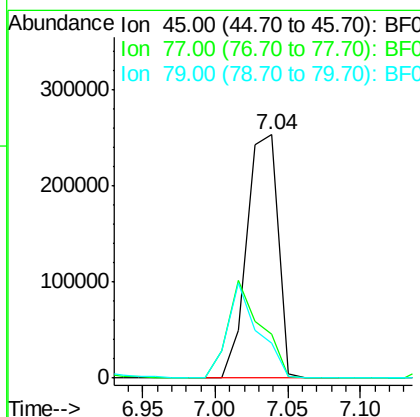
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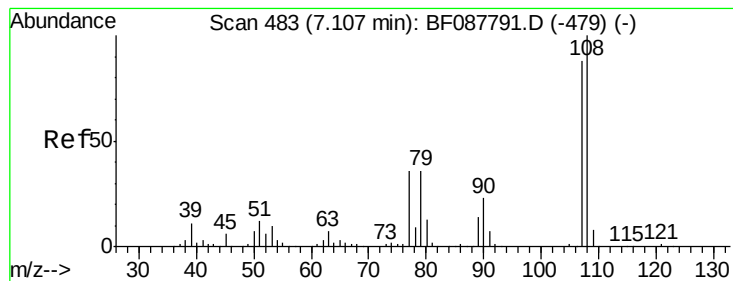
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.24 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.8	0.0	32.5	
79	14.3	0.0	29.5	





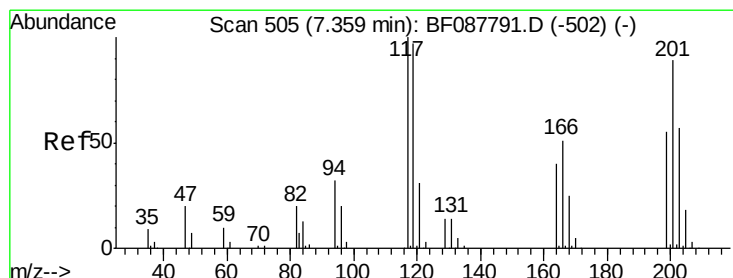
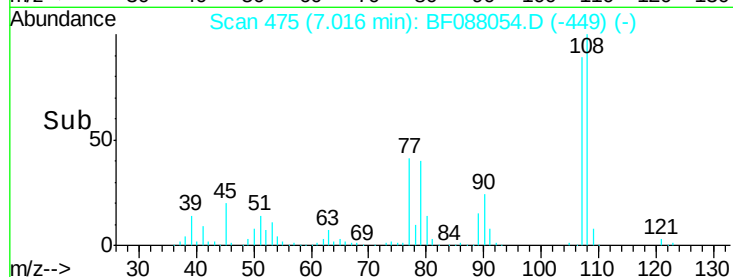
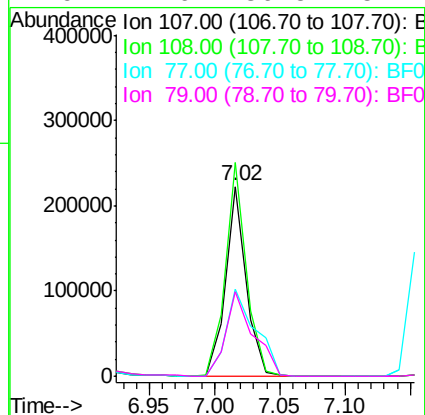
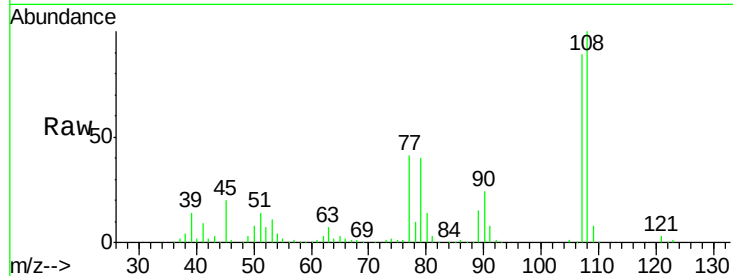
#17
2-Methylphenol
Concen: 40.23 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	90.9	136.3	
77	45.9	36.6	55.0	
79	44.6	36.5	54.7	

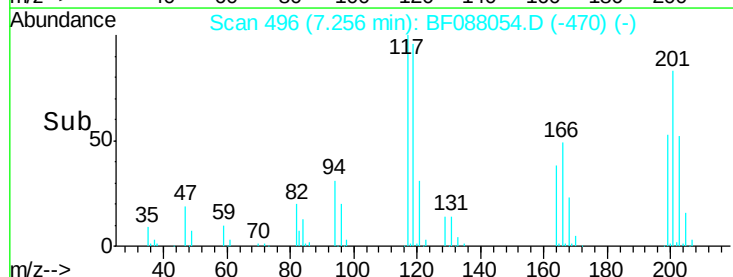
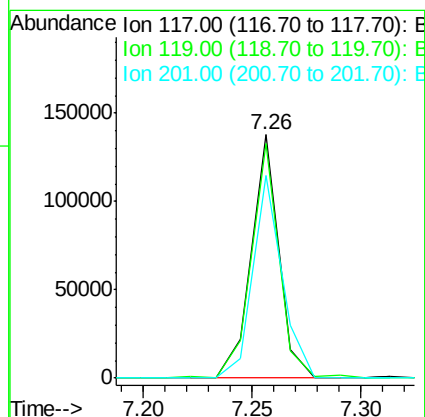
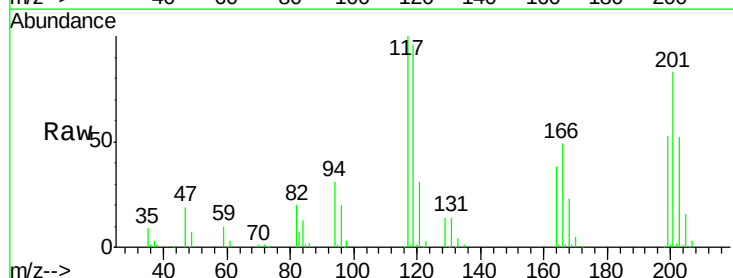
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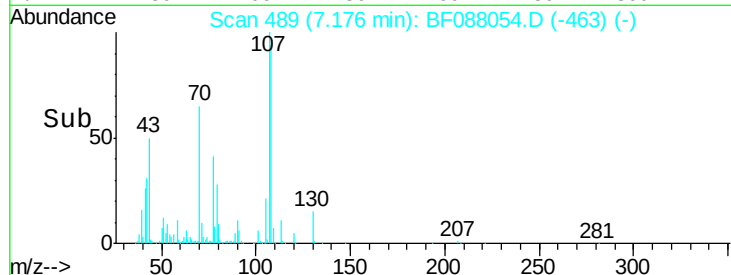
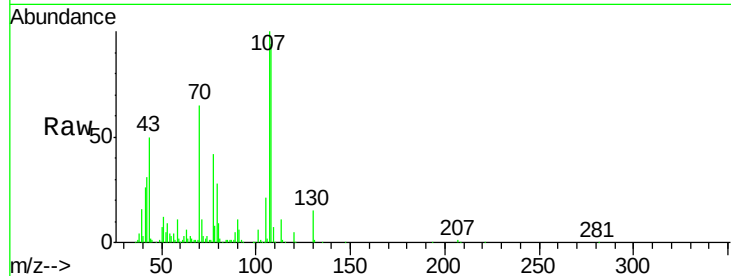
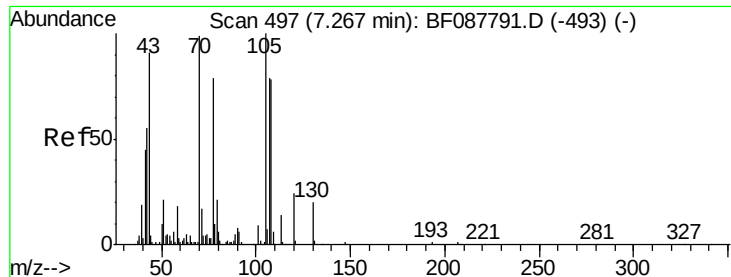
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#18
Hexachloroethane
Concen: 41.77 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.4	116.2	
201	83.1	80.4	120.6	





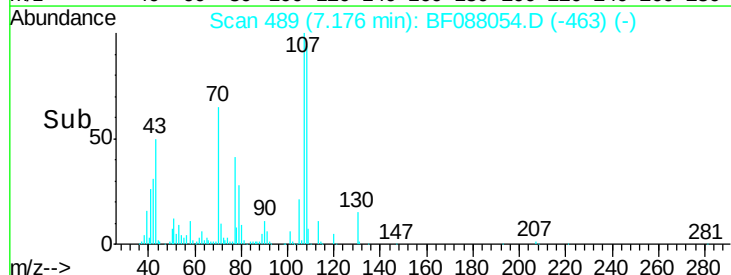
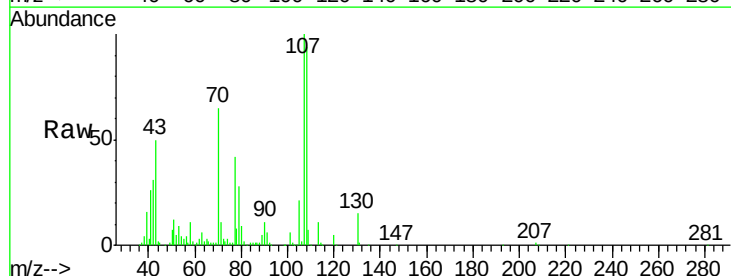
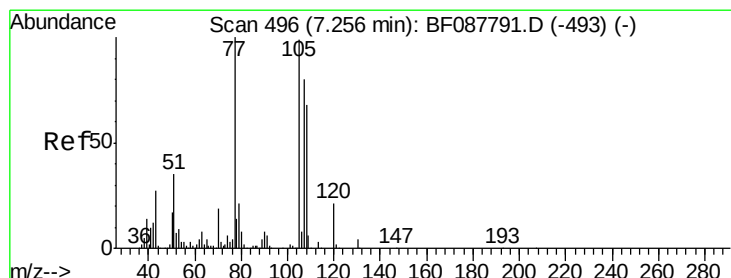
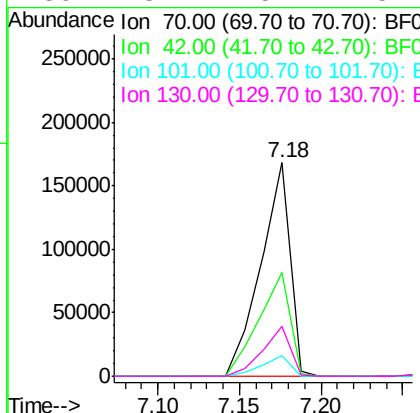
#19
n-Nitroso-di-n-propylamine
Concen: 42.62 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Manual Integrations
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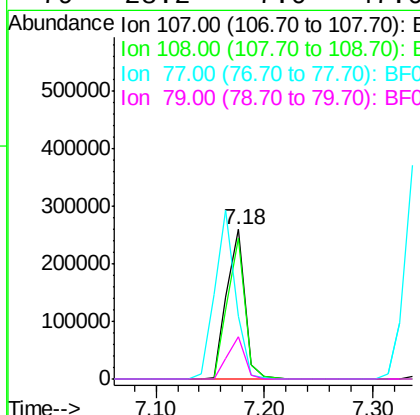
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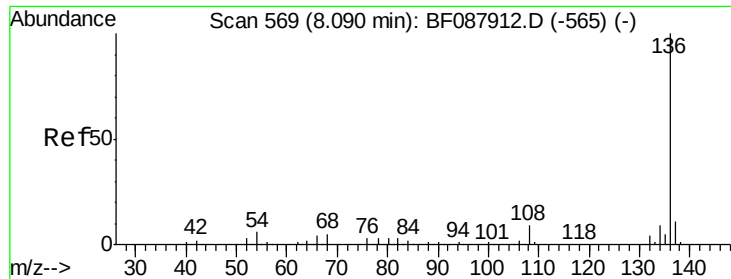
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.5	49.6	74.4#	
101	9.8	7.1	10.7	
130	23.4	15.4	23.2#	



#20
3+4-Methylphenols
Concen: 41.91 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.1	67.8	107.8	
77	41.7	59.3	99.3#	
79	28.2	7.0	47.0	





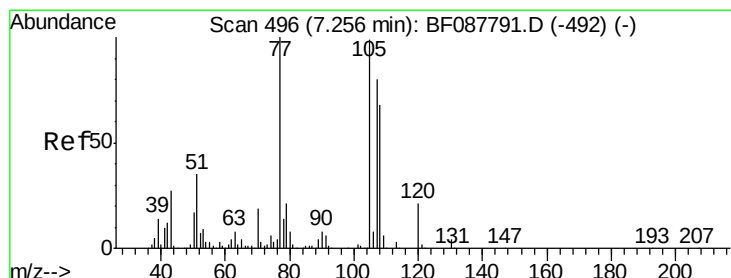
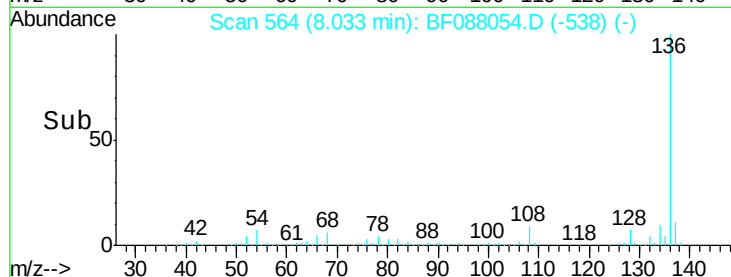
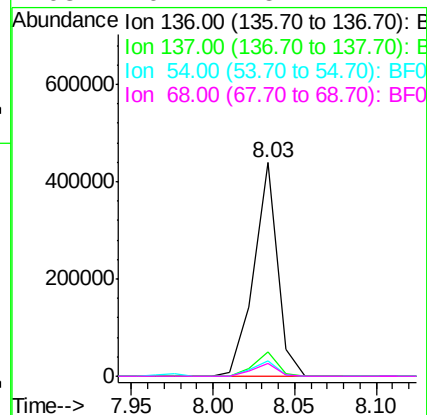
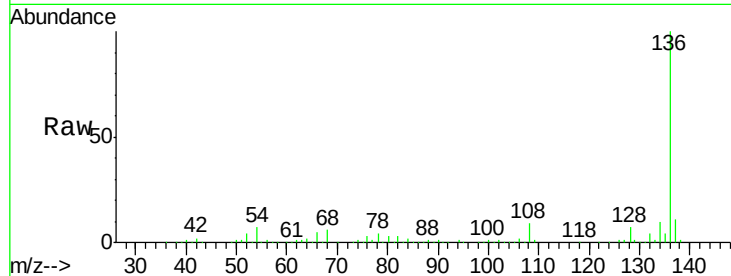
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		440665		
137	11.1		9.1	13.7	
54	7.1		6.6	10.0	
68	6.1		5.1	7.7	

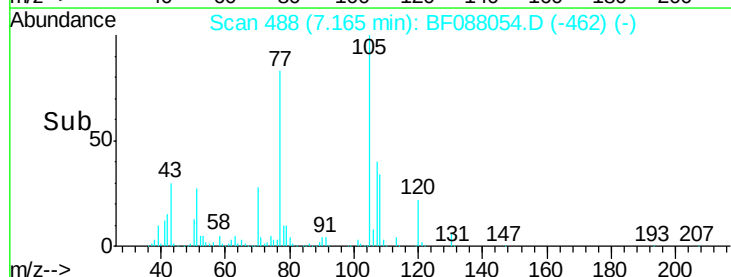
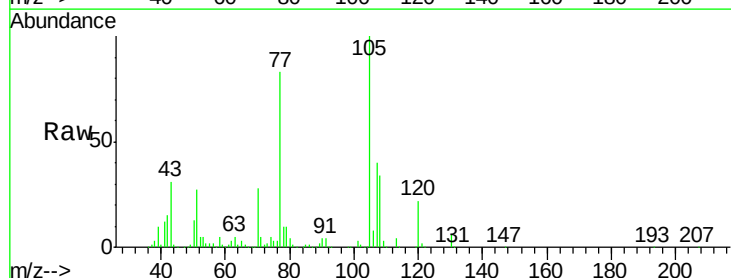
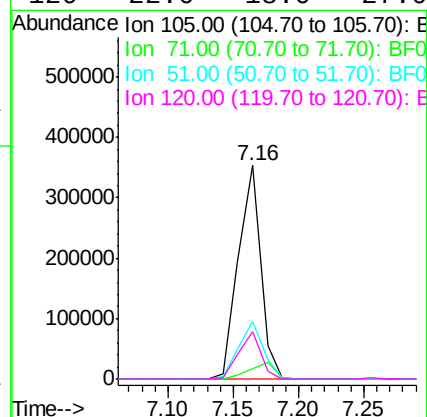
Manual Integrations
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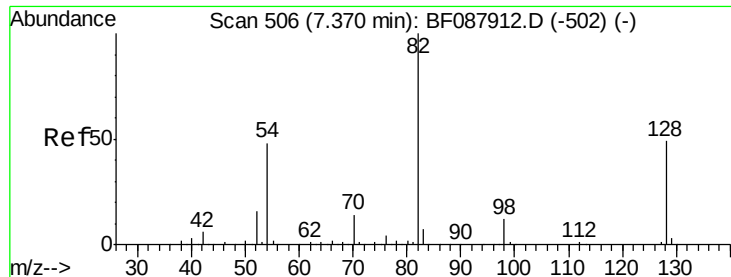
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#22
Acetophenone
Concen: 42.61 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		419596		
71	4.8		5.3	7.9#	
51	26.8		18.2	27.4	
120	22.0		18.0	27.0	





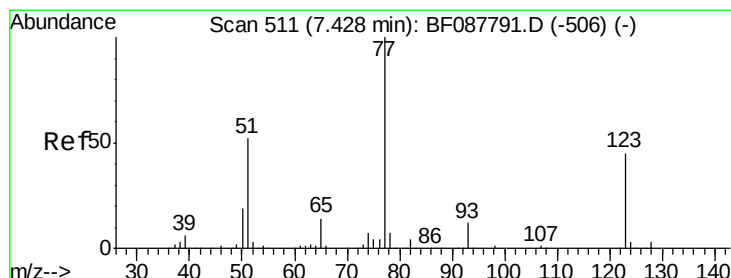
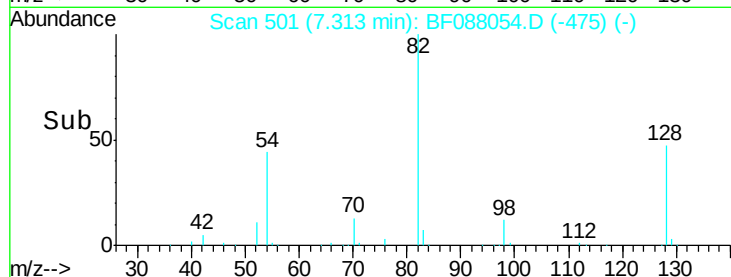
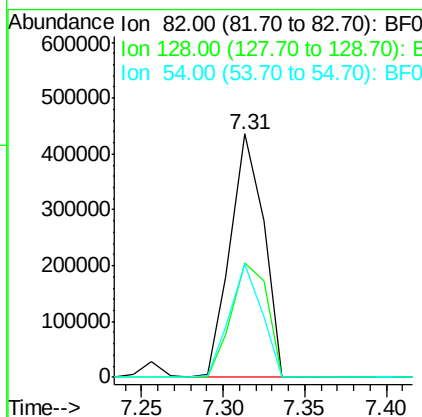
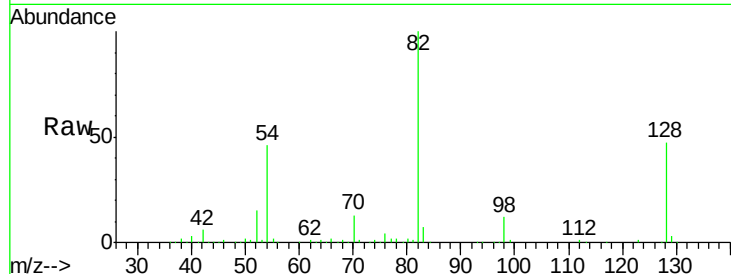
#23
 Nitrobenzene-d5
 Concen: 82.22 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion:	82	Resp:	620491
Ion Ratio	Lower	Upper	
82	100		
128	47.1	35.9	53.9
54	46.3	40.9	61.3

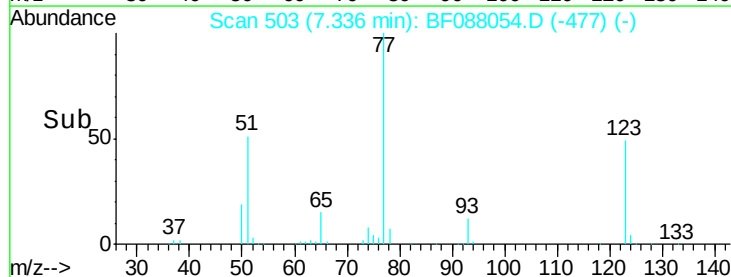
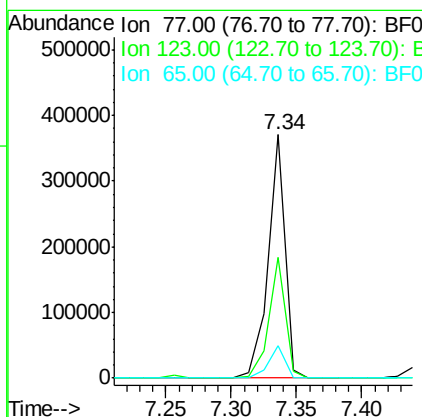
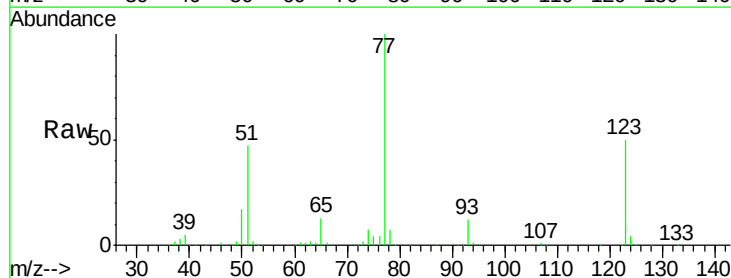
Manual Integrations
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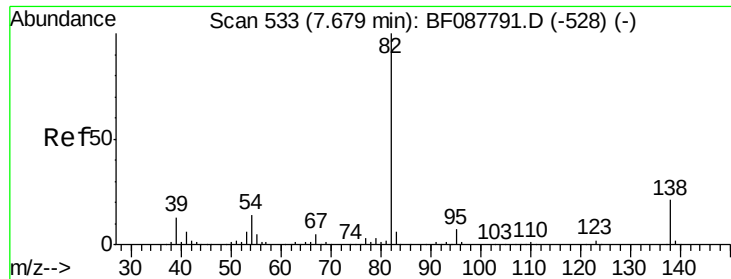
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#24
 Nitrobenzene
 Concen: 46.32 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:	77	Resp:	338597
Ion Ratio	Lower	Upper	
77	100		
123	49.8	45.0	67.4
65	13.1	10.2	15.2





#25

Isophorone

Concen: 40.98 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

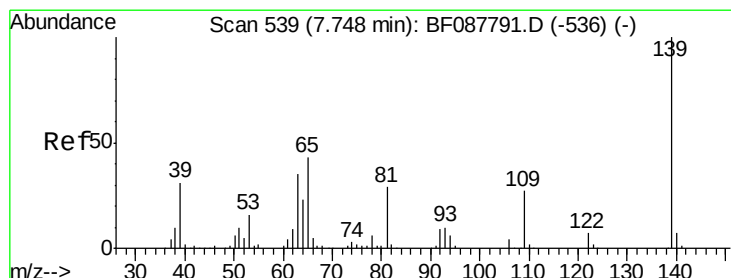
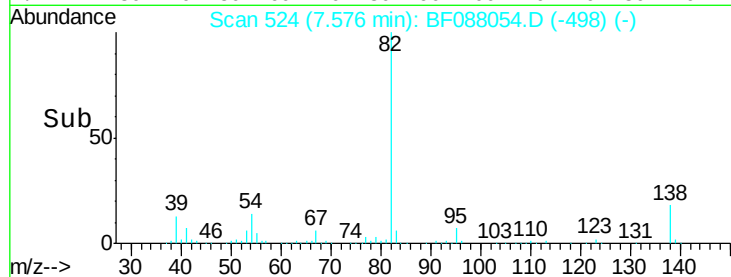
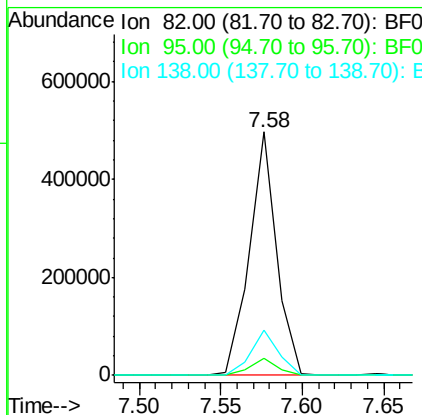
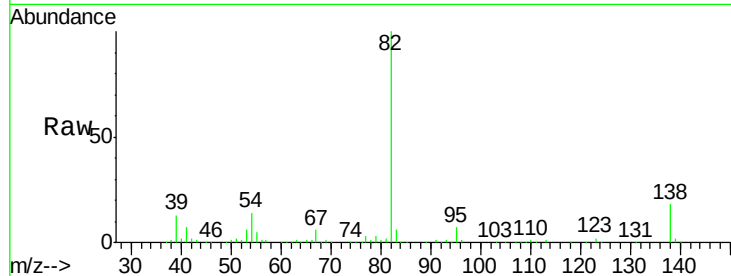
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	82	Resp:	572847
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.4	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.42 ng

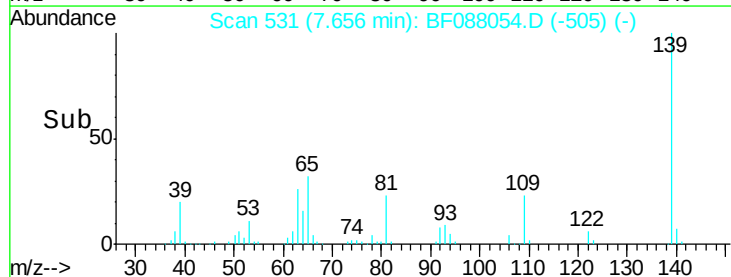
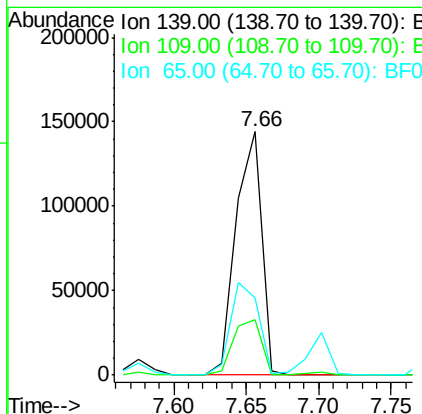
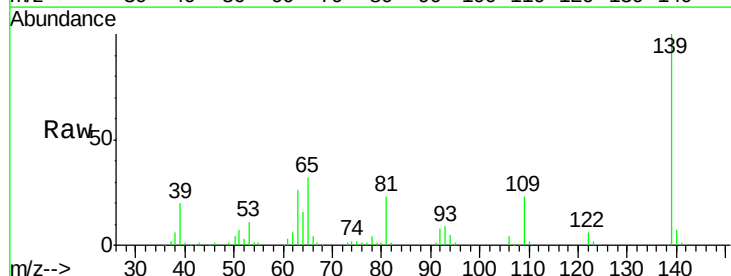
RT: 7.66 min Scan# 531

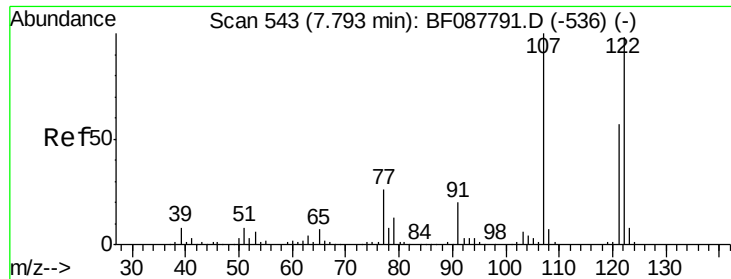
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	139	Resp:	177848
Ion Ratio		Lower	Upper
139	100		
109	22.6	23.0	34.4#
65	31.6	45.8	68.8#





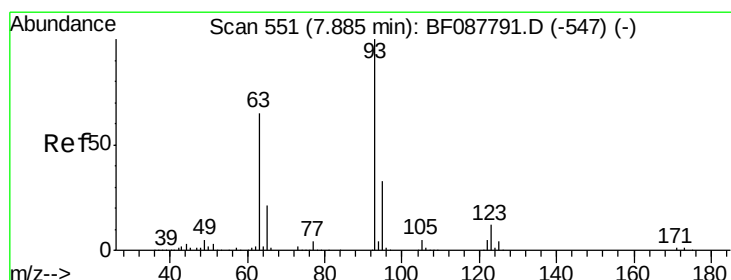
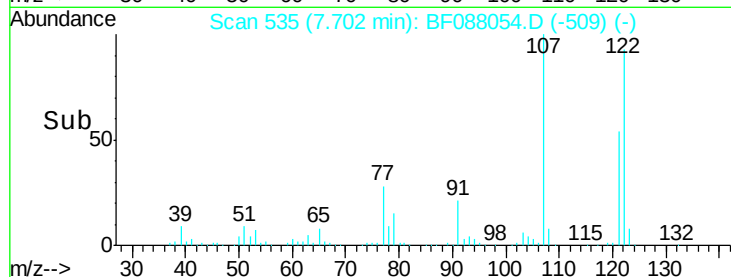
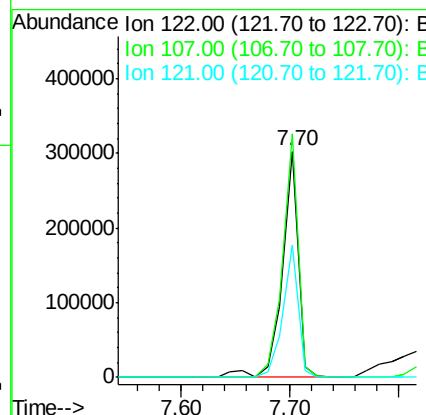
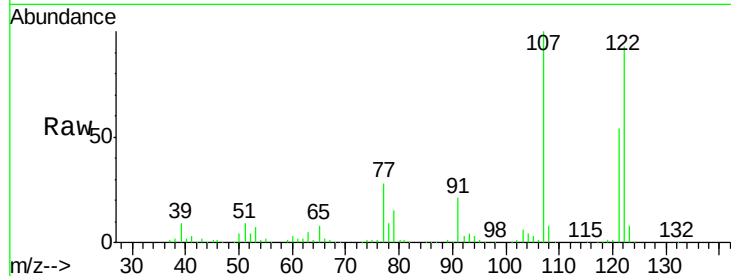
#27
 2,4-Dimethylphenol
 Concen: 42.37 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	305504		
107	107.6	82.4	123.6	
121	58.7	46.3	69.5	

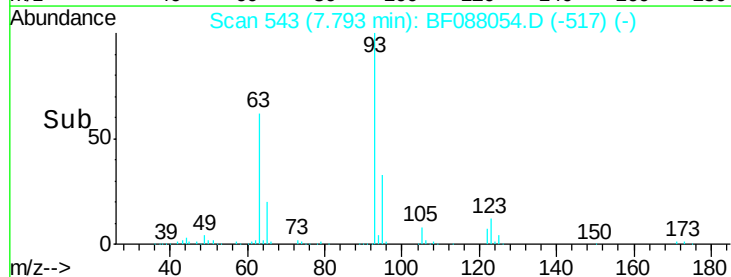
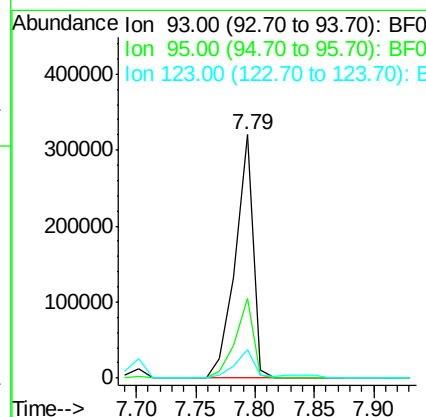
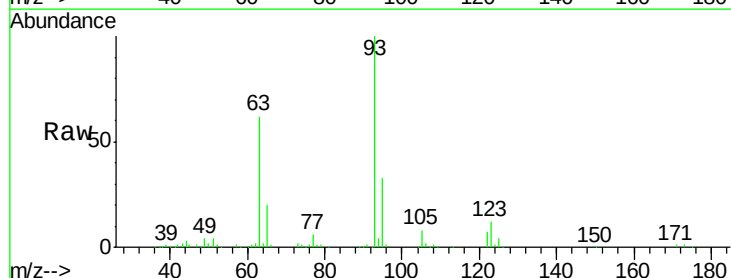
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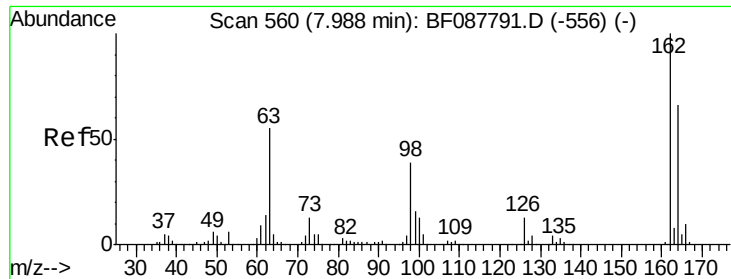
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.76 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335994		
95	32.8	26.5	39.7	
123	11.9	11.6	17.4	





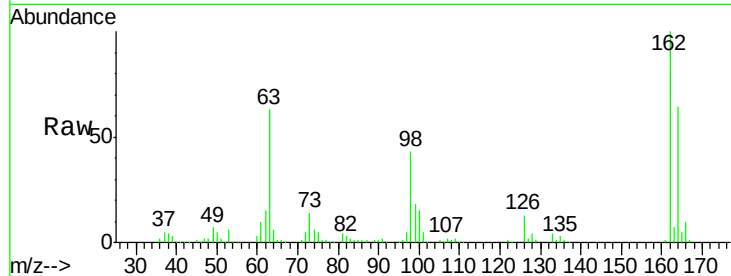
#29
2,4-Dichlorophenol
Concen: 41.17 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

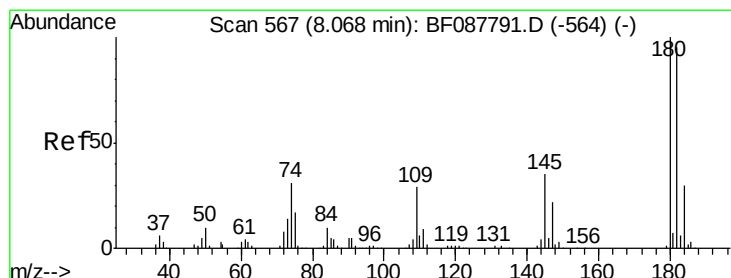
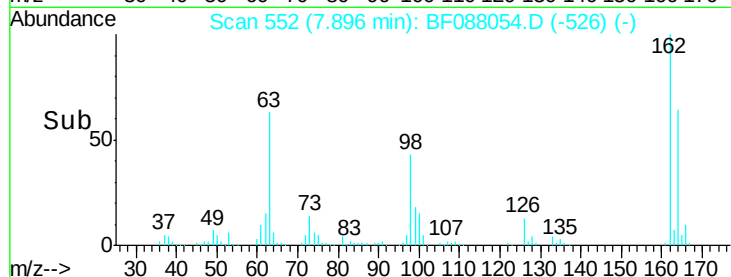
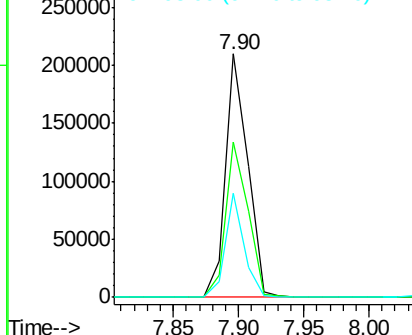
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	43.8	83.8
98	43.0	21.3	61.3

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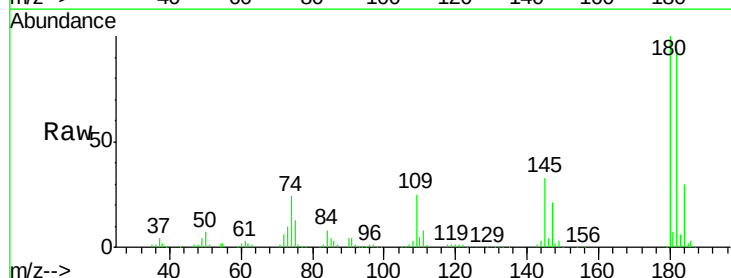


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

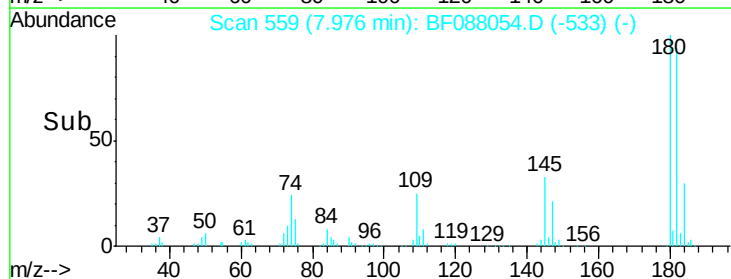
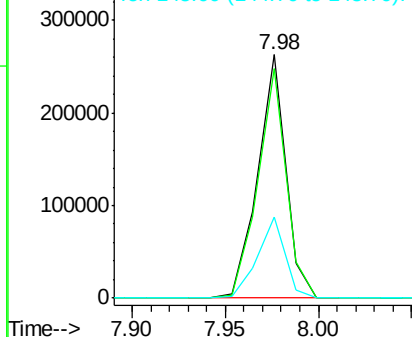


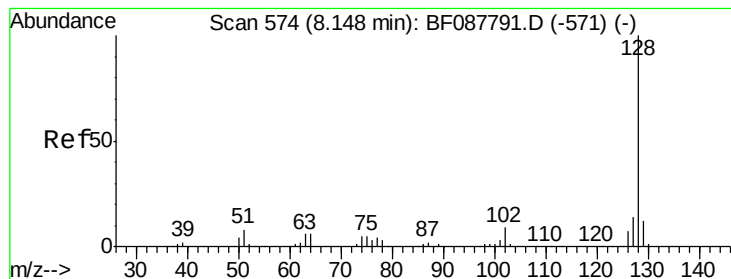
#30
1,2,4-Trichlorobenzene
Concen: 41.67 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.0	114.0
145	33.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.62 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

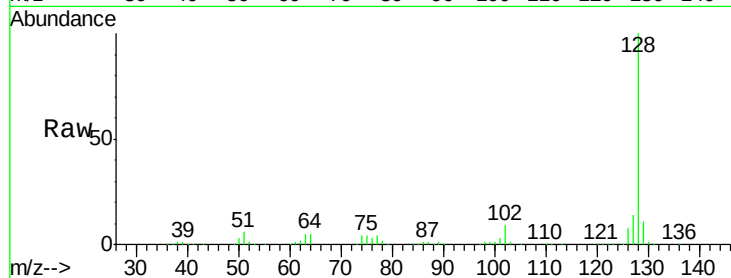
ClientSampleId :

HSR-WC-52-060916MSD

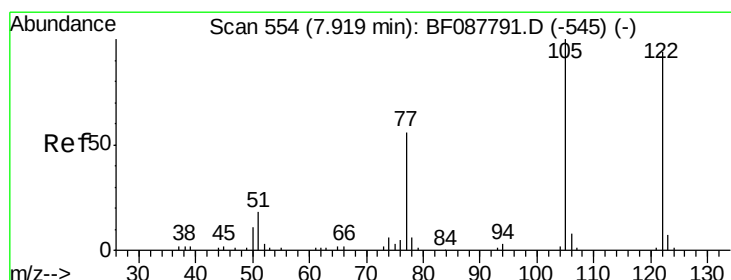
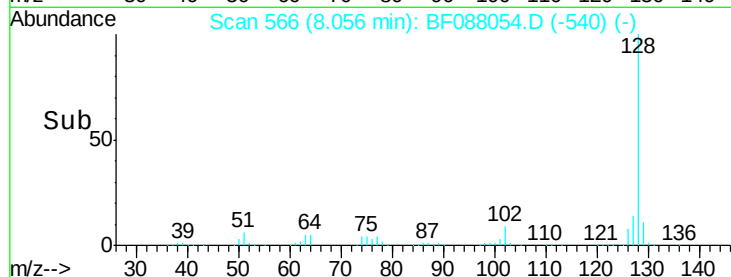
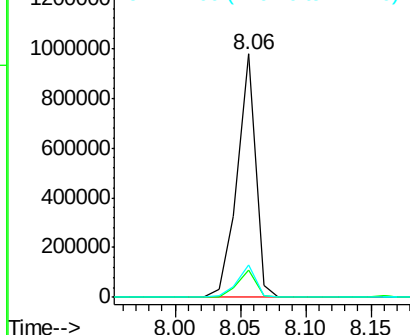
Tot Ion:	128	Resp:	951228
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.5	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.79 ng

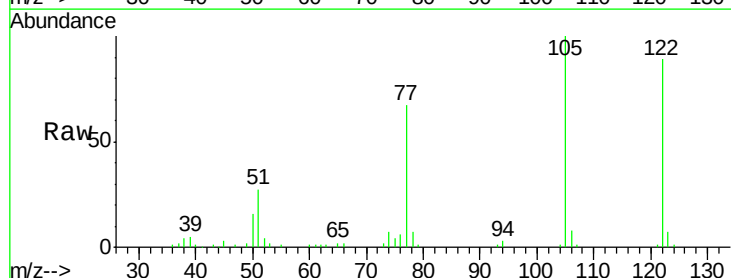
RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

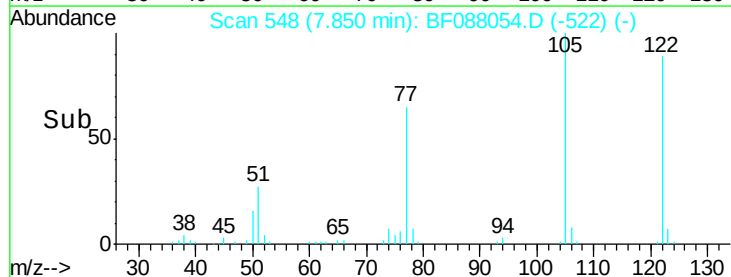
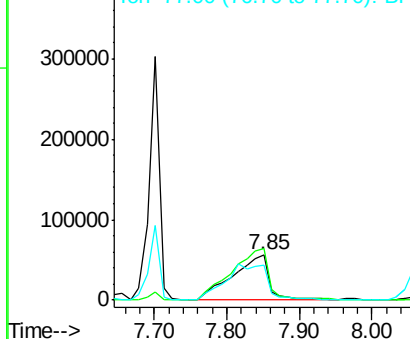
Lab File: BF088054.D

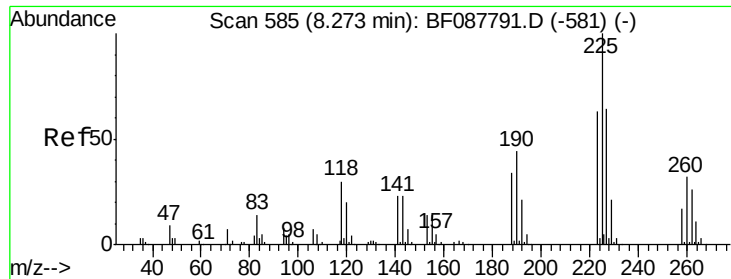
Acq: 16 Jun 2016 1:01

Tgt Ion:	122	Resp:	193705
Ion Ratio	Lower	Upper	
122	100		
105	112.9	101.6	141.6
77	75.5	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





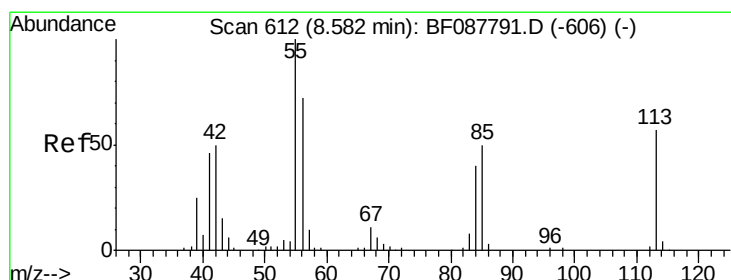
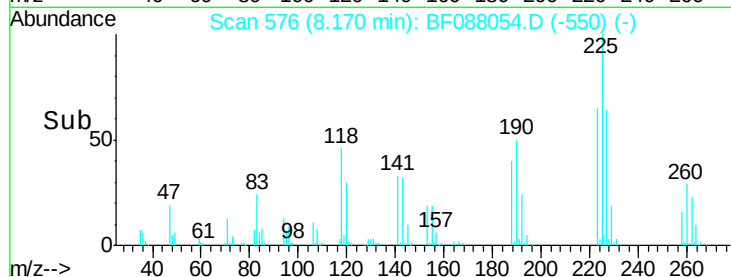
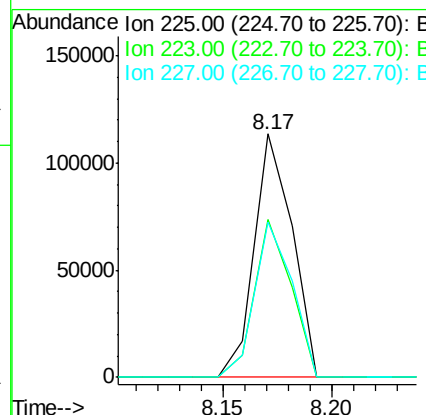
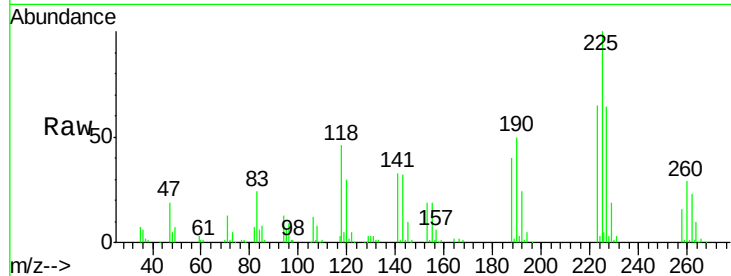
#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
225	100	137792		
223	65.1	50.9	76.3	
227	63.8	51.9	77.9	

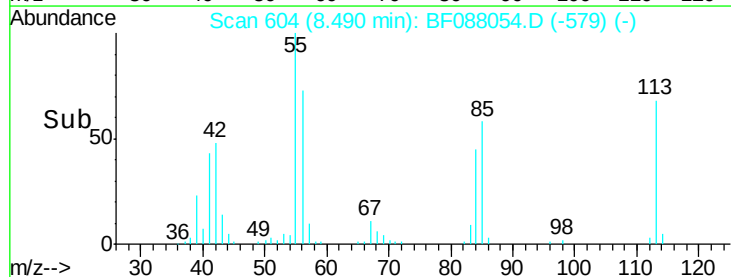
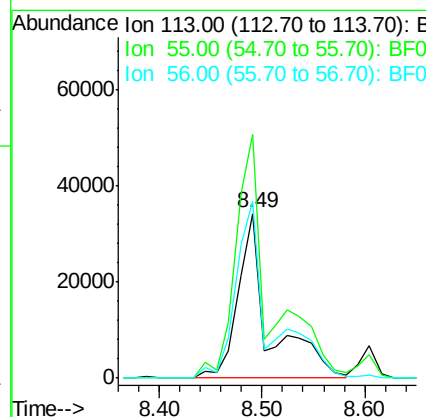
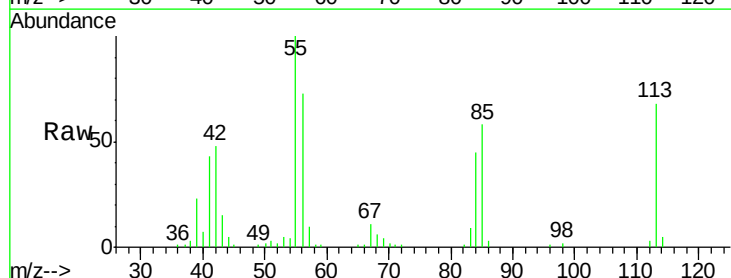
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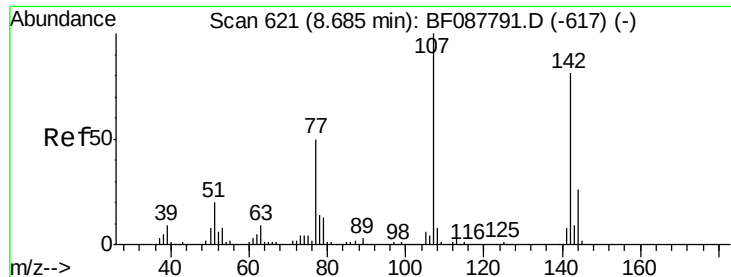
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#35
Caprolactam
Concen: 36.44 ng m
RT: 8.49 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	72668		
55	147.8	158.6	198.6#	
56	107.3	110.6	150.6#	





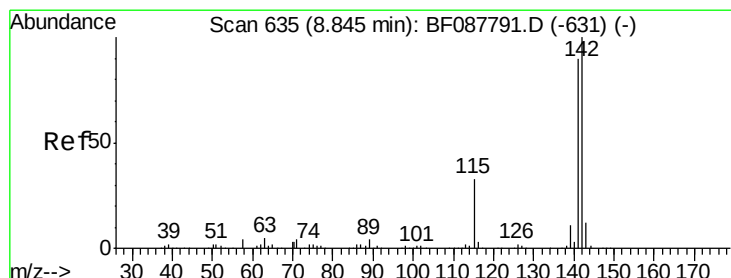
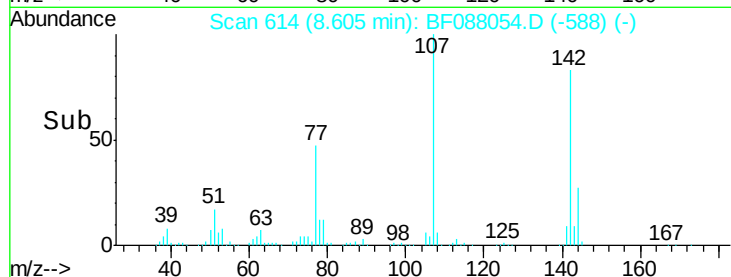
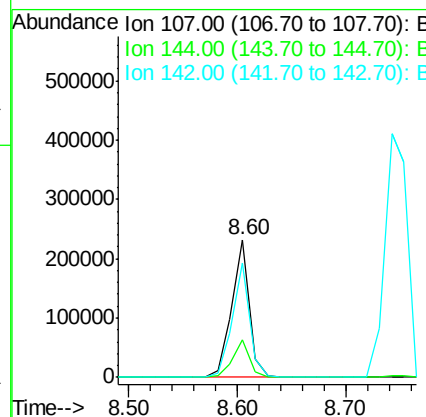
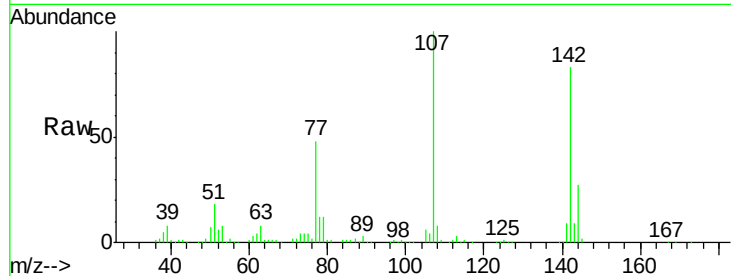
#36
4-Chloro-3-methylphenol
Concen: 40.13 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	258334		
144	26.9	20.8	31.2	
142	82.6	63.4	95.2	

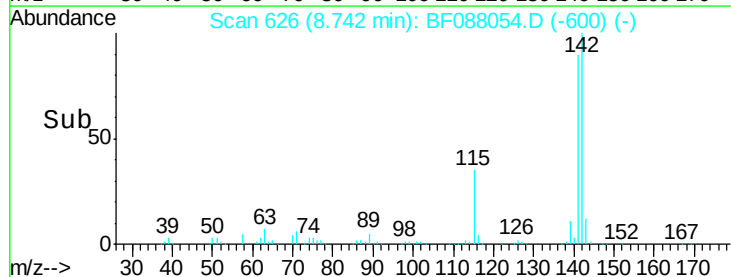
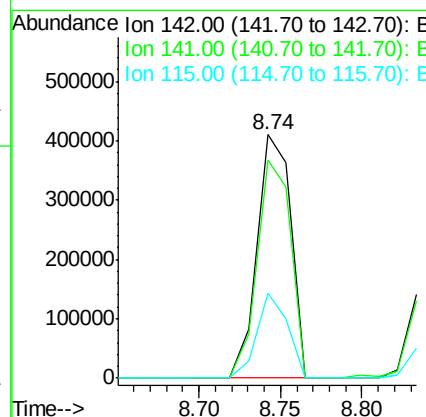
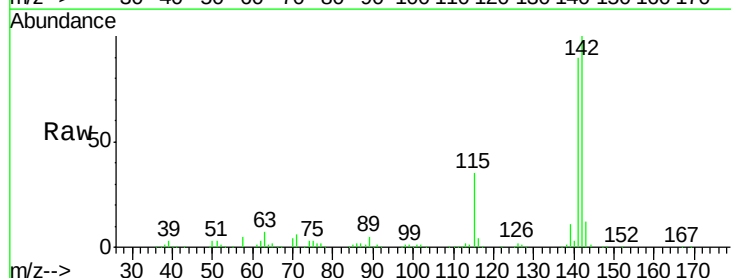
Manual Integrations
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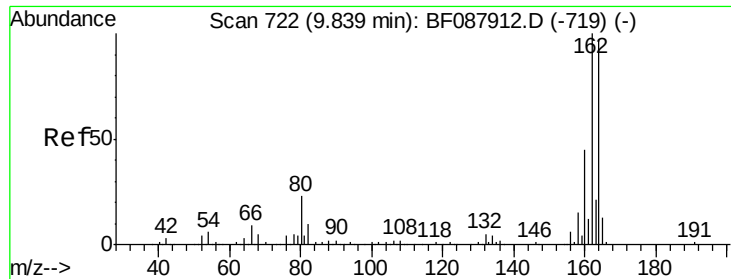
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#37
2-Methylnaphthalene
Concen: 41.06 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	590169		
141	89.7	71.0	106.6	
115	34.9	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088054.D

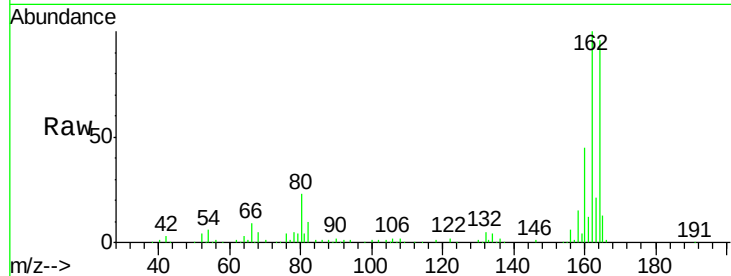
Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

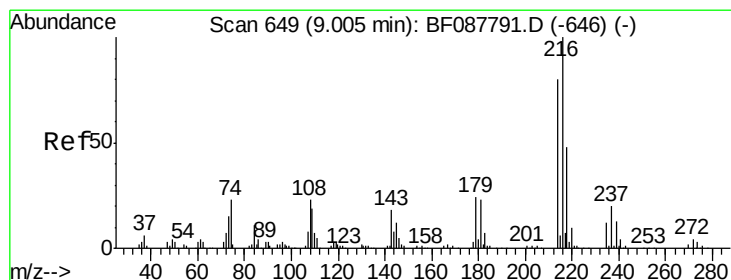
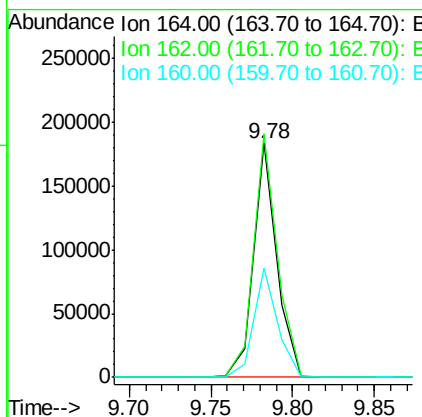
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Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	85.4	128.2	
160	46.6	39.5	59.3	

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.69 ng

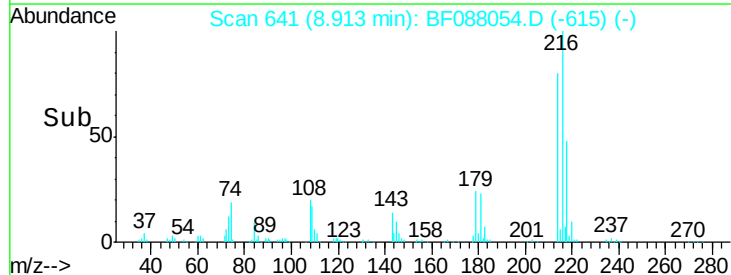
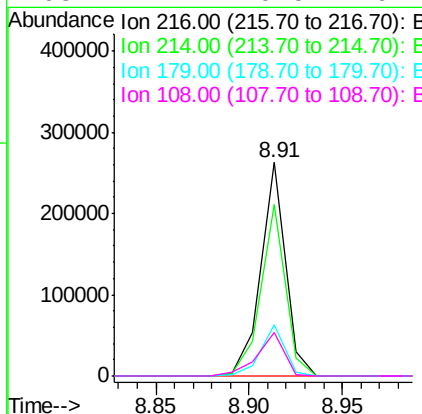
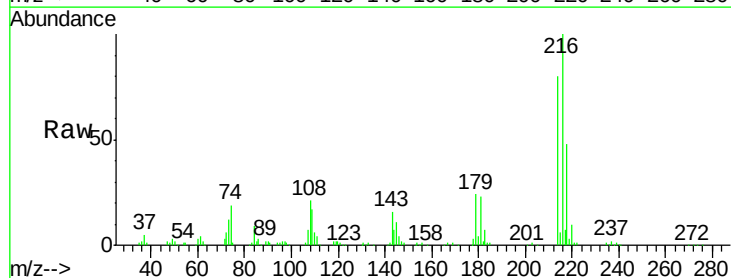
RT: 8.91 min Scan# 641

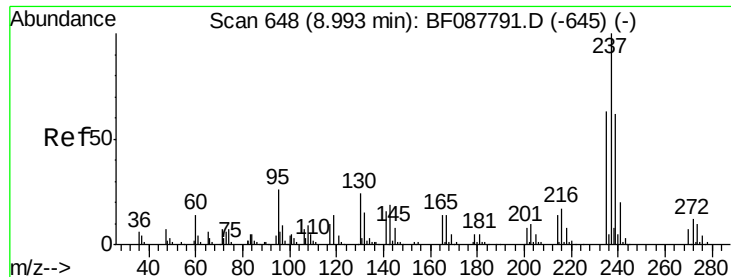
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	2.9	4.3#	
179	23.1	0.0	0.0#	
108	22.7	0.5	0.7#	





#40

Hexachlorocyclopentadiene

Concen: 43.91 ng

RT: 8.90 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

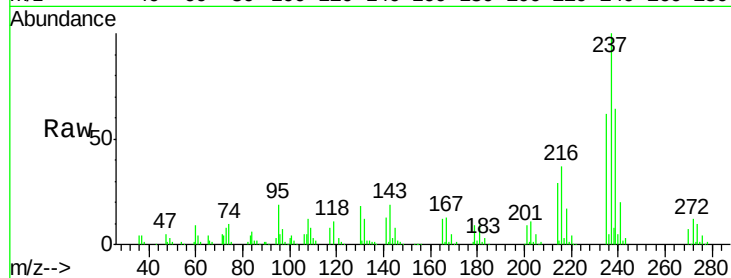
ClientSampleId :

HSR-WC-52-060916MSD

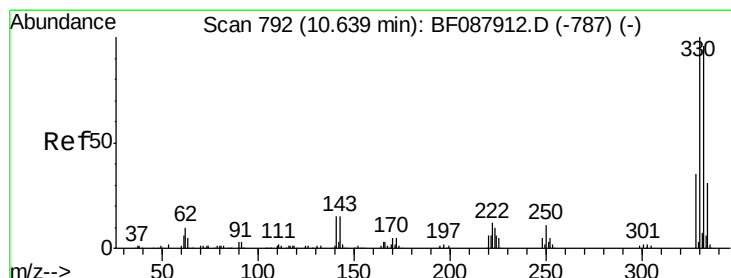
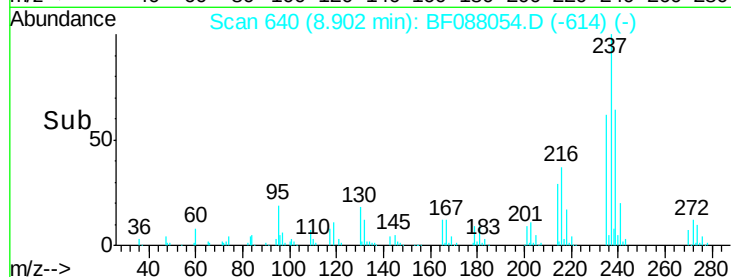
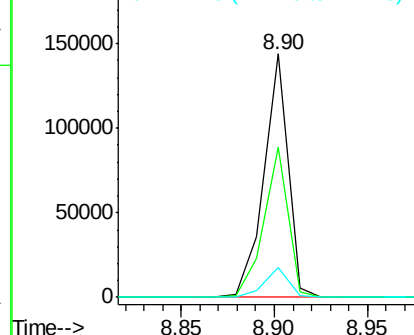
Tot Ion:	237	Resp:	128548
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.4	83.4
272	12.4	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 102.35 ng

RT: 10.57 min Scan# 786

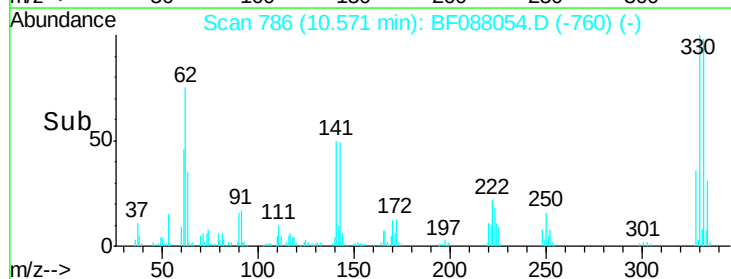
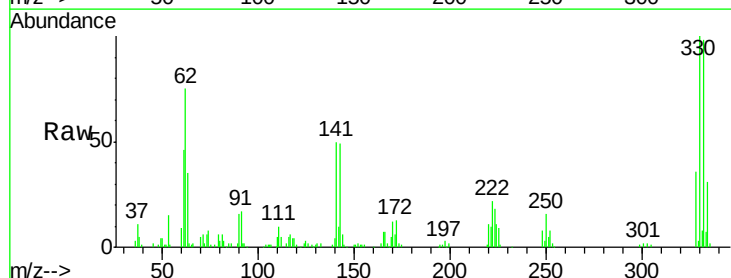
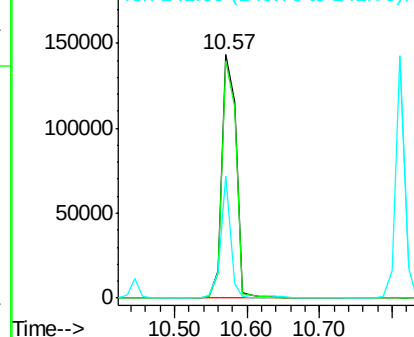
Delta R.T. 0.00 min

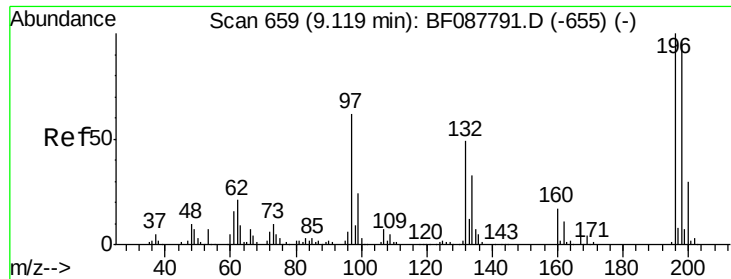
Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	330	Resp:	196150
Ion Ratio	Lower	Upper	
330	100		
332	96.8	0.0	0.0#
141	34.9	0.0	0.0#

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





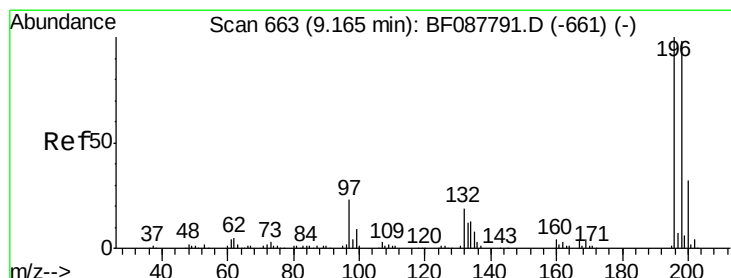
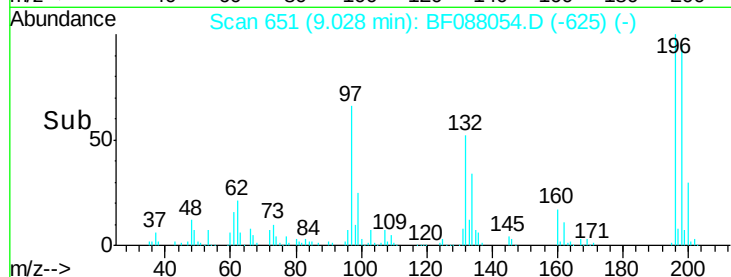
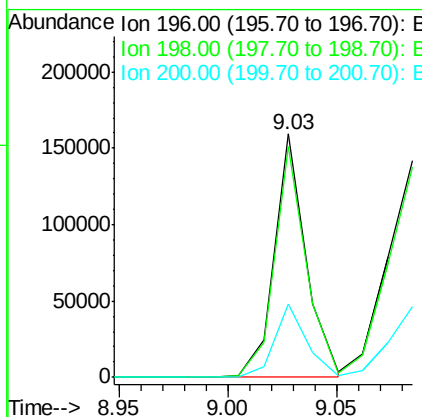
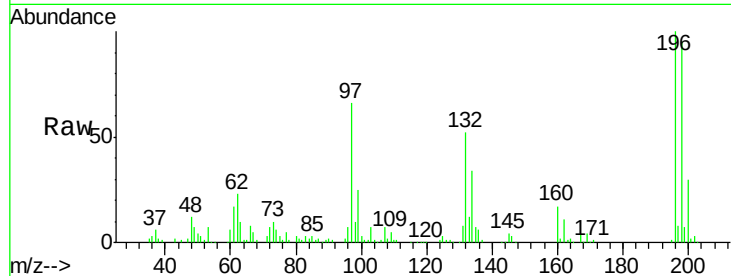
#42
2,4,6-Trichlorophenol
Concen: 44.62 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161938		
198	94.6	78.0	117.0	
200	30.0	25.4	38.2	

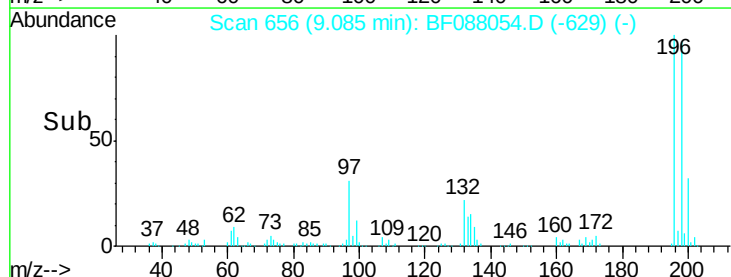
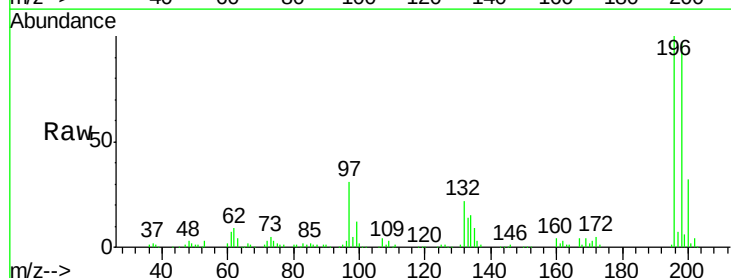
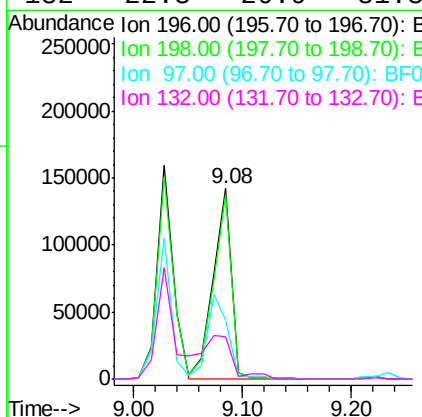
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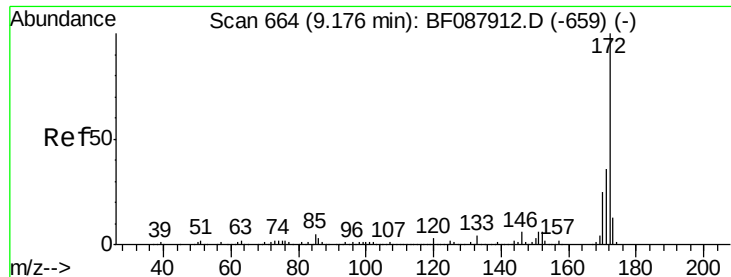
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#43
2,4,5-Trichlorophenol
Concen: 44.23 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167024		
198	97.0	77.5	116.3	
97	30.7	32.0	48.0#	
132	22.3	20.9	31.3	





#44

2-Fluorobiphenyl

Concen: 100.26 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:172 Resp: 1146870

Ion Ratio Lower Upper

172 100

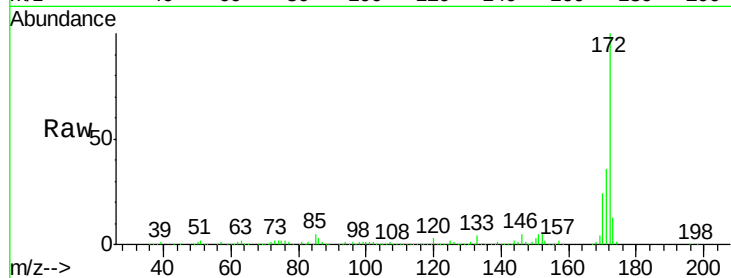
171 36.1 28.6 43.0

170 24.1 19.2 28.8

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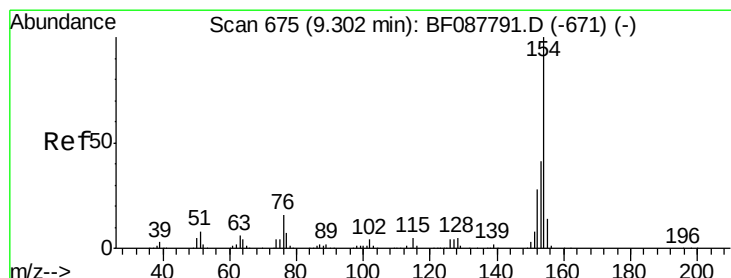
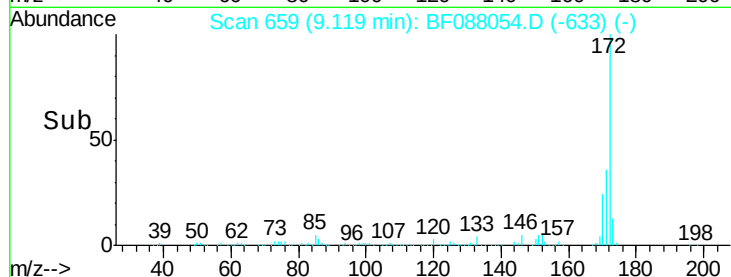
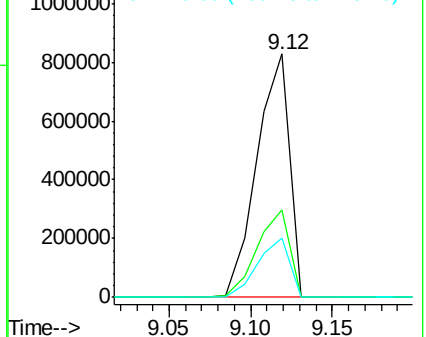
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 48.17 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

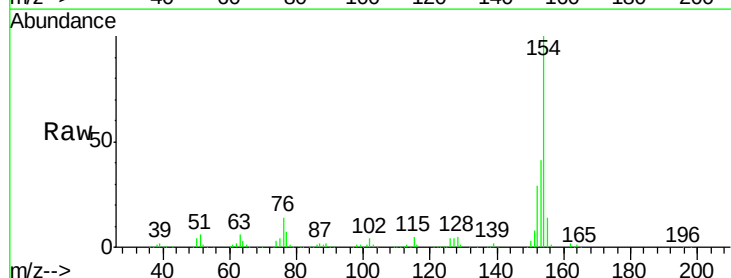
Tgt Ion:154 Resp: 650332

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

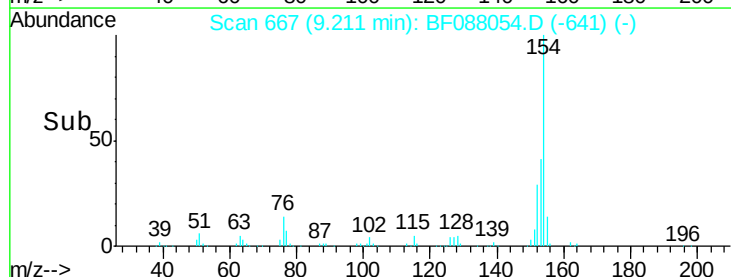
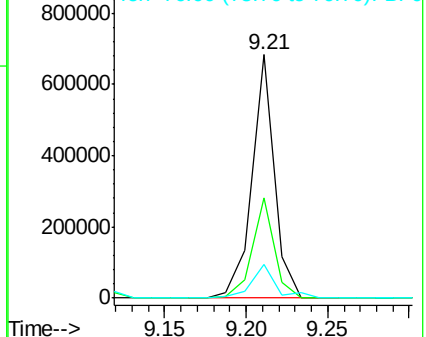
76 14.0 0.0 35.1

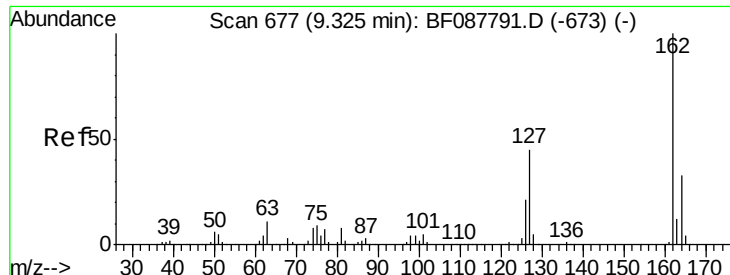


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





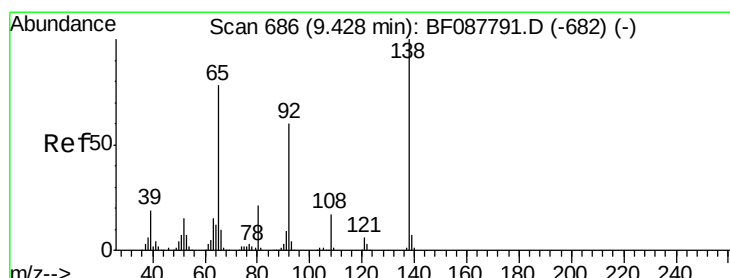
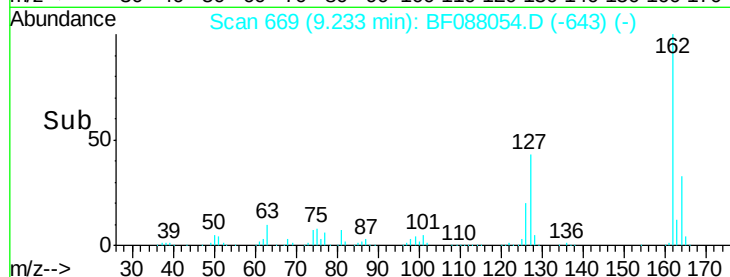
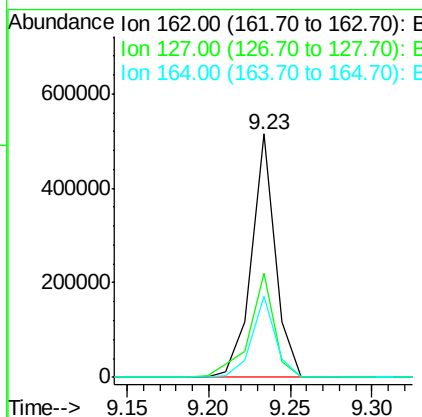
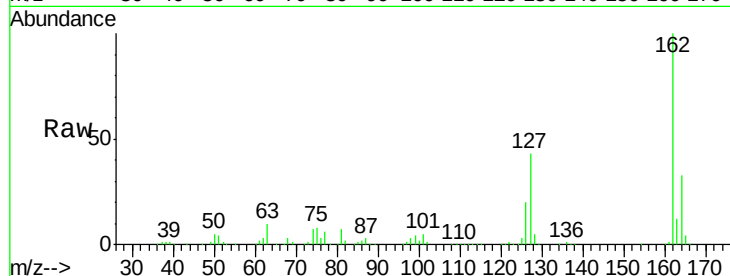
#46
2-Chloronaphthalene
Concen: 44.48 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	42.9	35.2	52.8
164	33.4	26.6	39.8

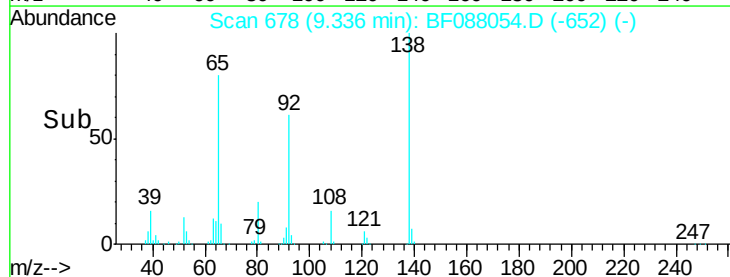
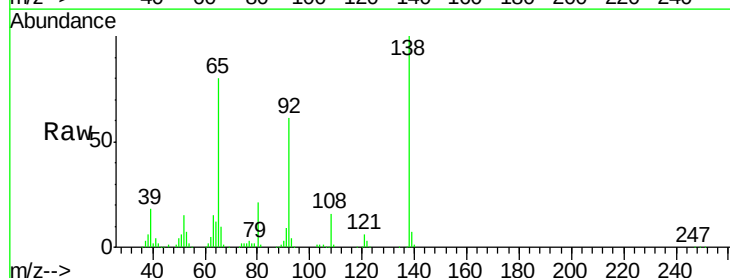
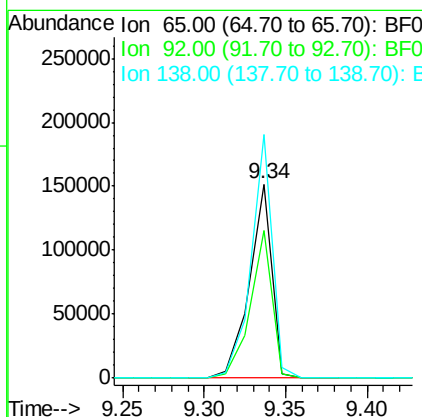
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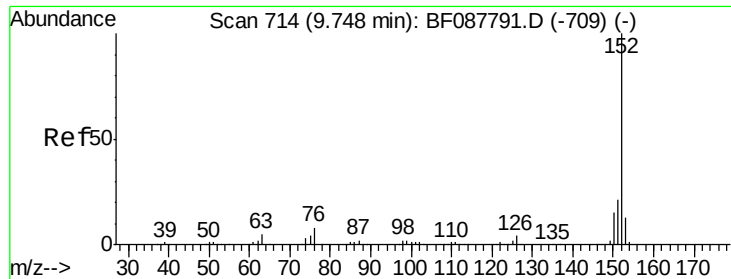
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#47
2-Nitroaniline
Concen: 41.87 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	76.2	54.6	82.0
138	125.5	77.0	115.4





#48

Acenaphthylene

Concen: 41.12 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

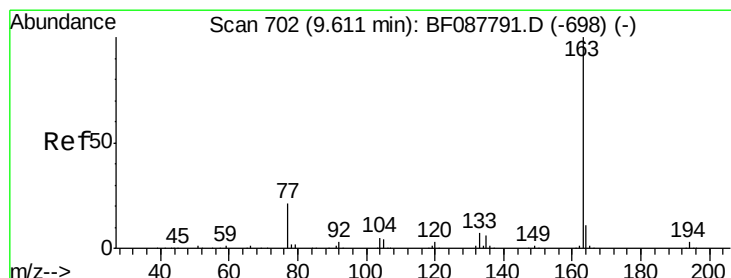
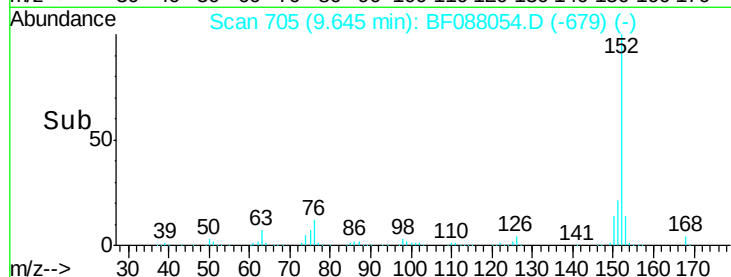
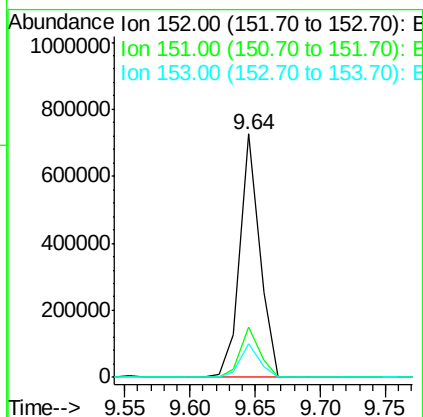
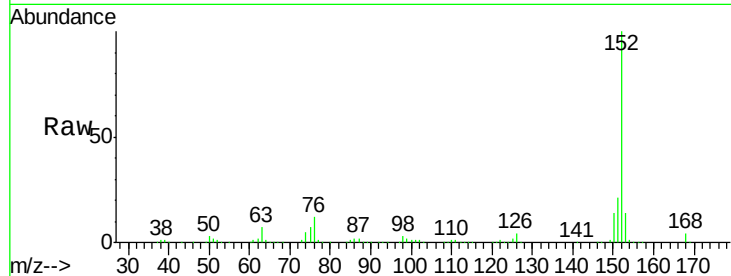
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		768234		
151	20.6	16.2	24.4		
153	13.6	11.0	16.6		

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#49

Dimethylphthalate

Concen: 46.44 ng

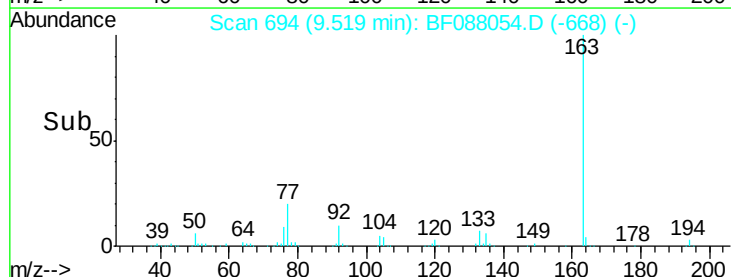
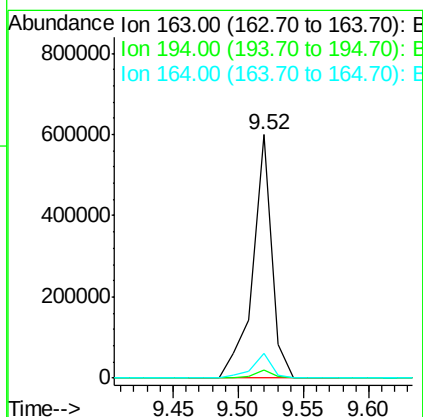
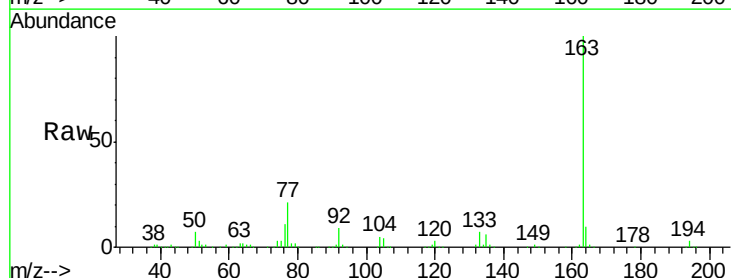
RT: 9.52 min Scan# 694

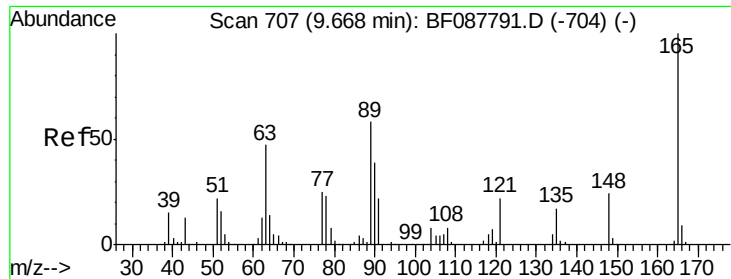
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		610553		
194	3.3	2.8	4.2		
164	10.4	8.3	12.5		





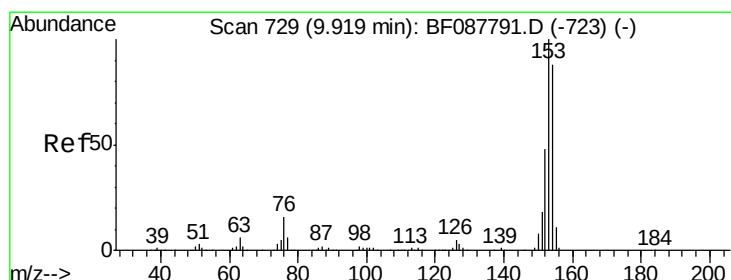
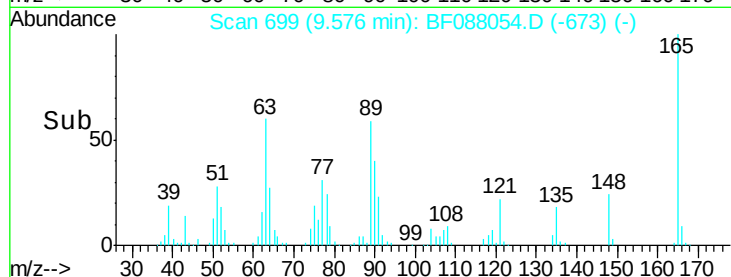
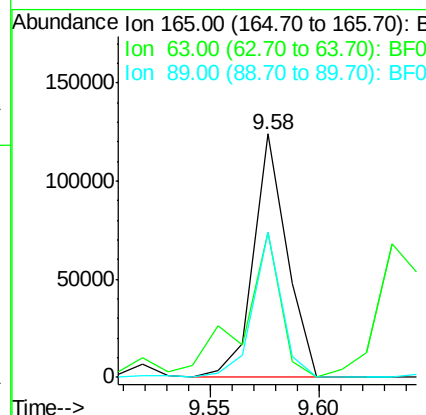
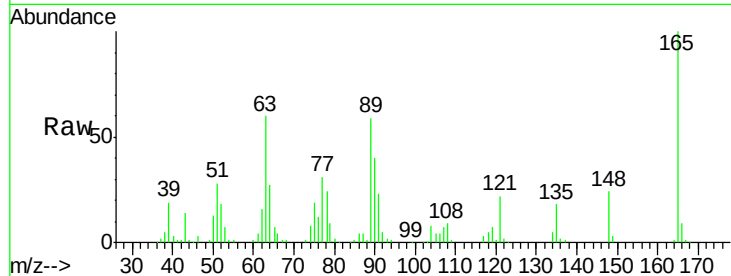
#50
 2,6-Dinitrotoluene
 Concen: 43.86 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	59.6	28.1	42.1#
89	59.4	32.2	48.2#

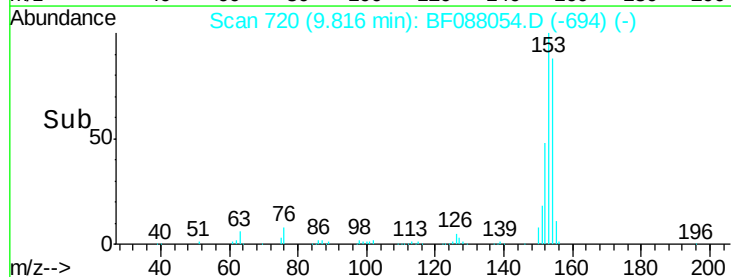
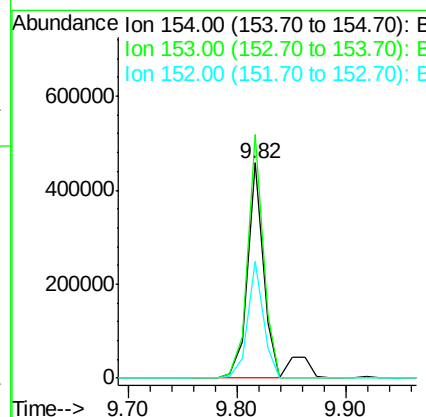
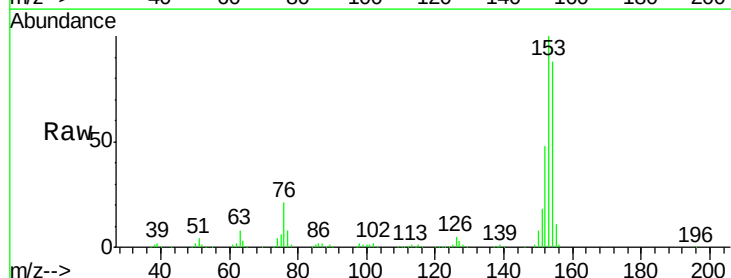
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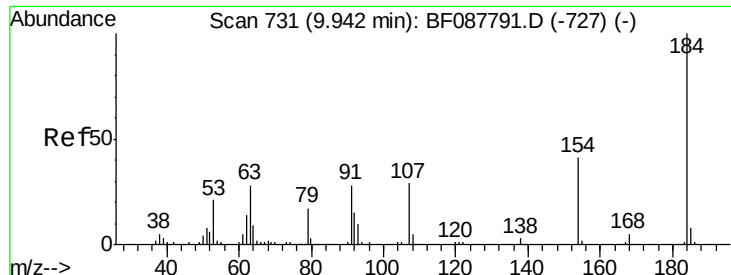
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#51
 Acenaphthene
 Concen: 44.90 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.1	89.5	134.3
152	54.3	42.7	64.1





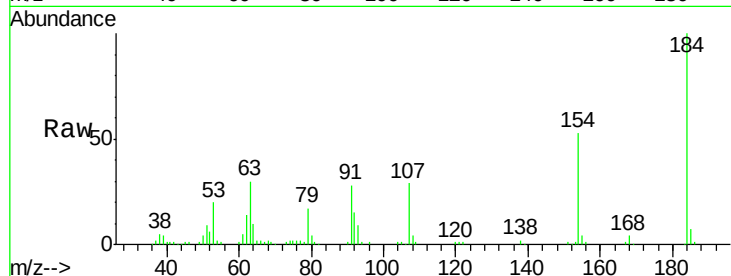
#53
 2,4-Dinitrophenol
 Concen: 70.53 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

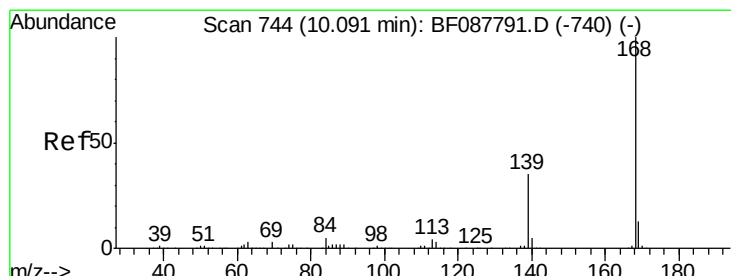
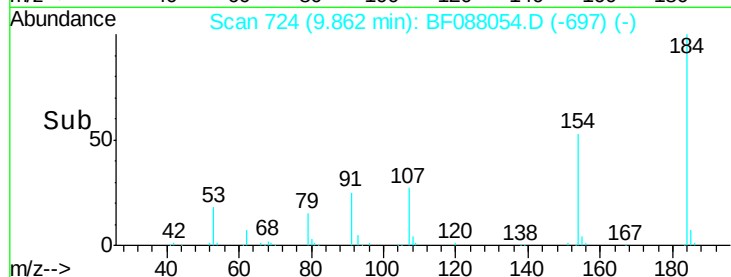
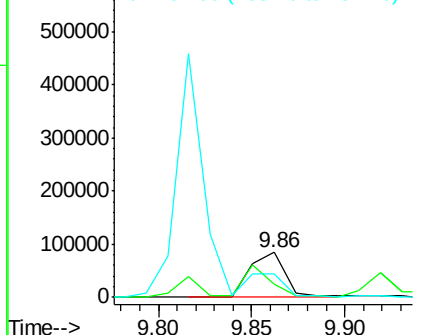
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	29.7	57.6	86.4#	
154	52.6	53.5	80.3#	

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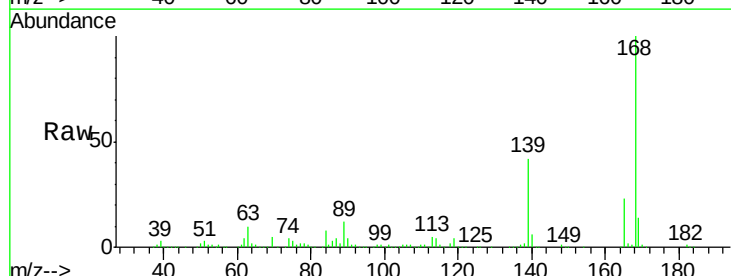


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

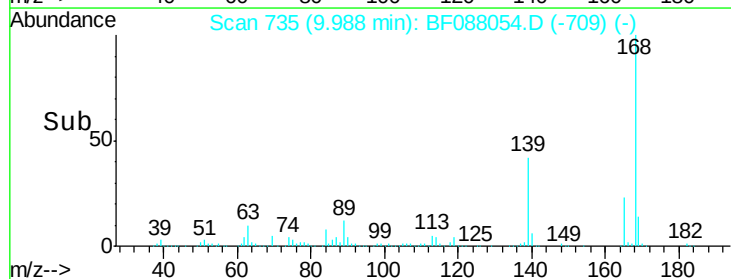
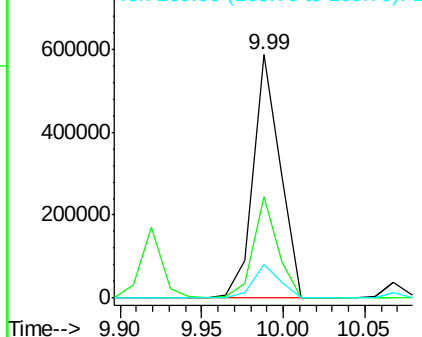


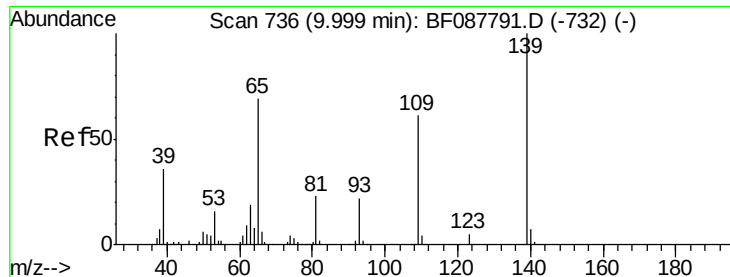
#54
 Dibenzofuran
 Concen: 41.75 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	26.4	39.6#	
169	14.0	10.4	15.6	



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





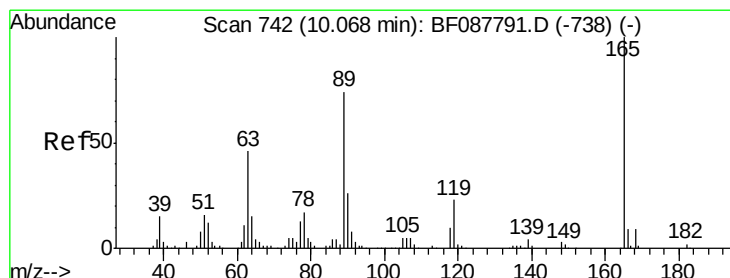
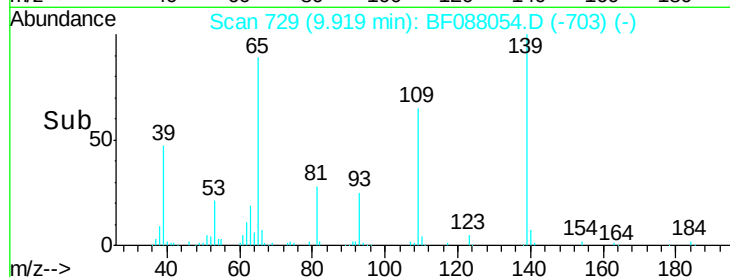
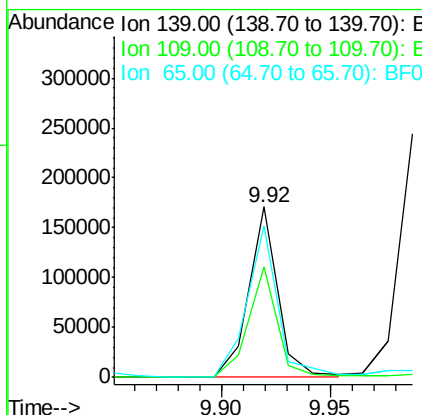
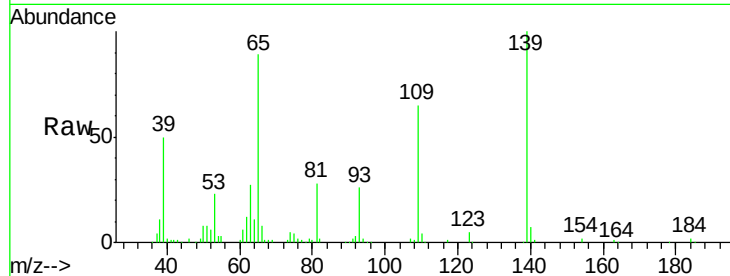
#55
4-Nitrophenol
Concen: 59.11 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	159407		
109	65.2	48.9	88.9	
65	89.2	84.9	124.9	

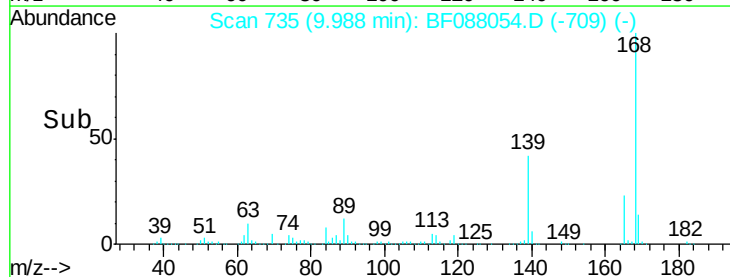
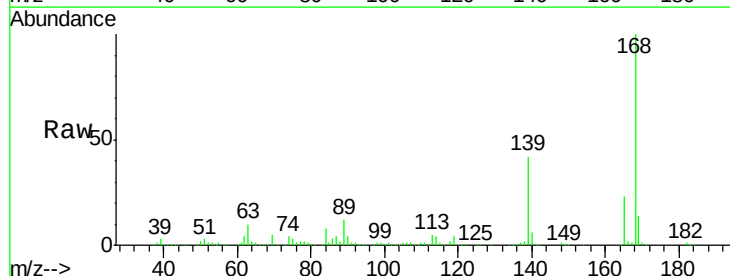
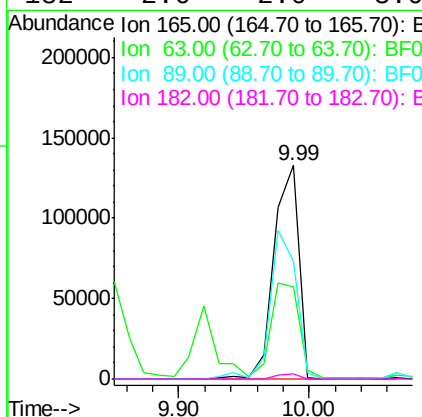
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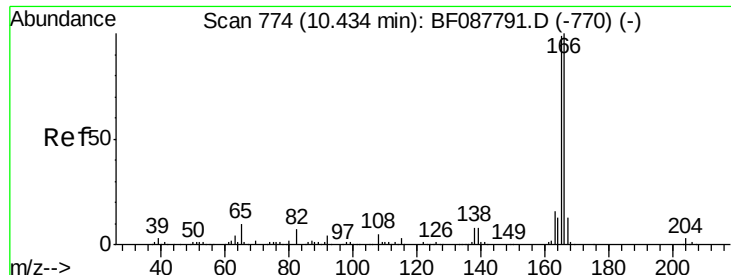
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#56
2,4-Dinitrotoluene
Concen: 45.68 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176759		
63	43.2	22.0	33.0#	
89	54.9	41.1	61.7	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 42.43 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

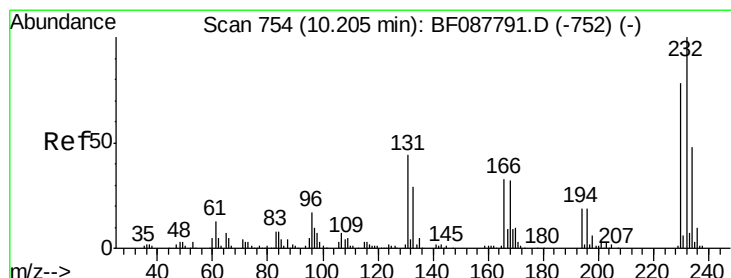
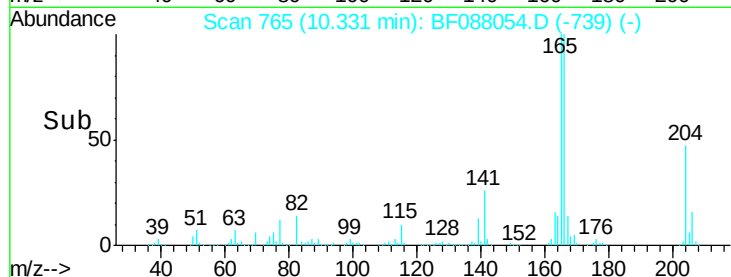
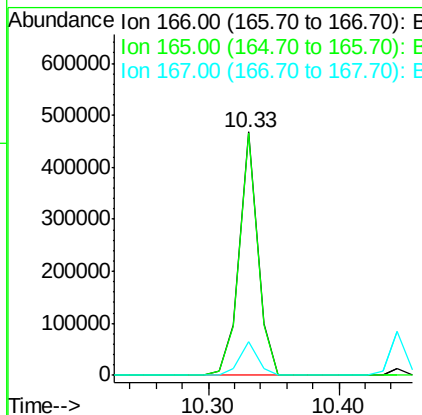
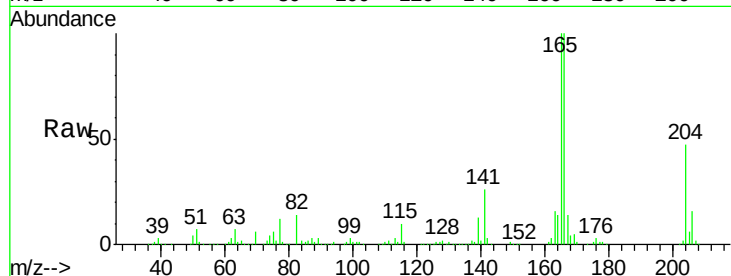
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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.7	77.8	116.8	
167	14.0	11.2	16.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.12 ng

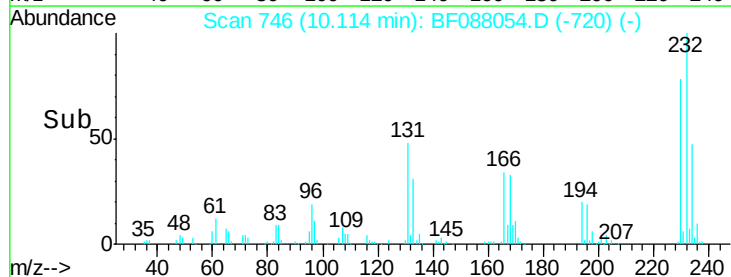
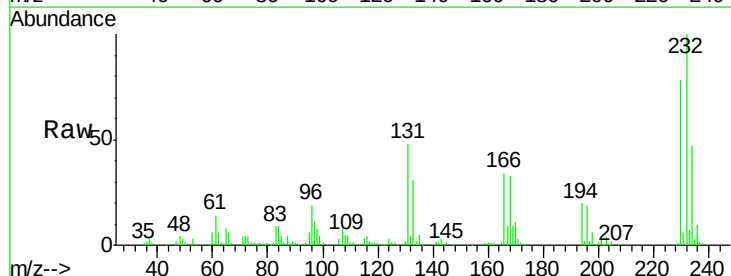
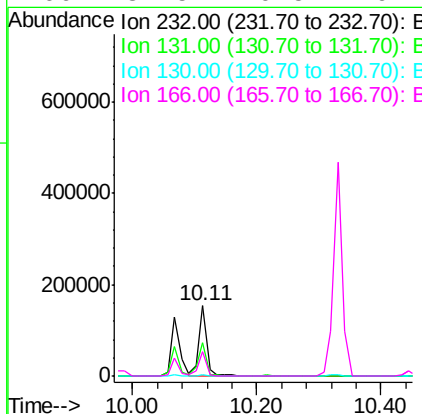
RT: 10.11 min Scan# 746

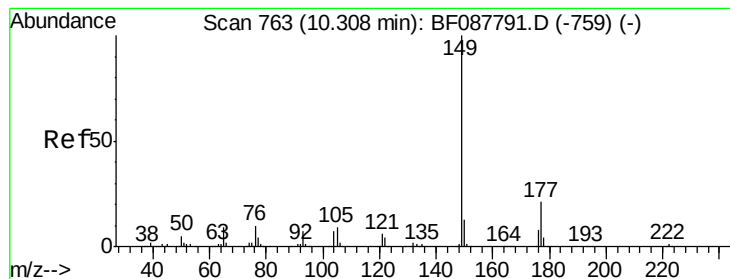
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.6	0.9	1.3#	
130	2.3	1.5	2.3	
166	32.5	0.5	0.7#	





#59

Diethylphthalate

Concen: 47.47 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

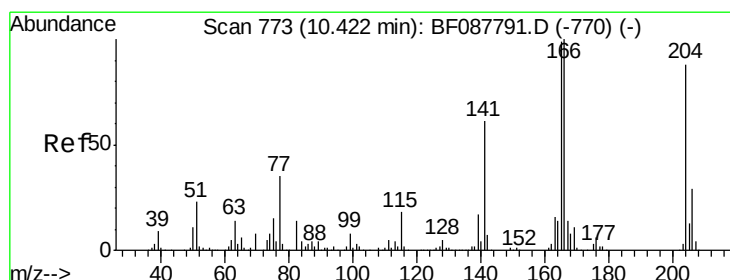
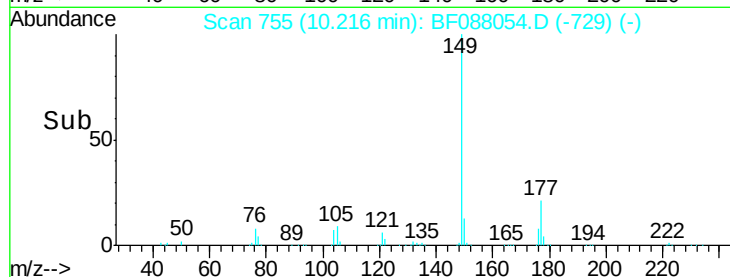
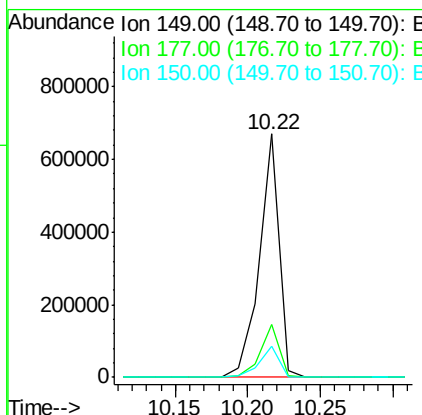
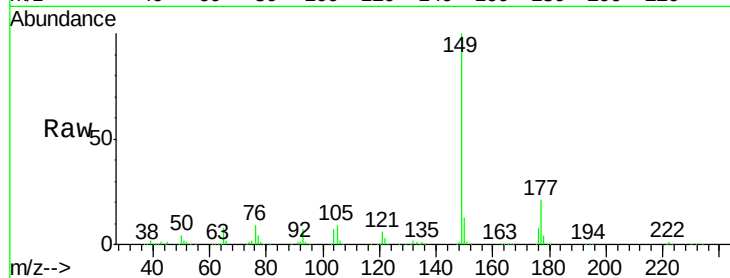
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	149	Resp:	631819
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.9	25.3
150	12.7	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 44.37 ng

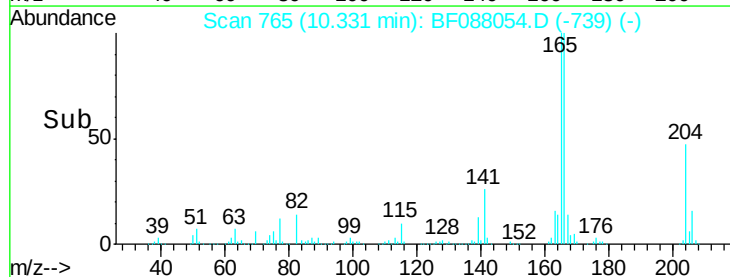
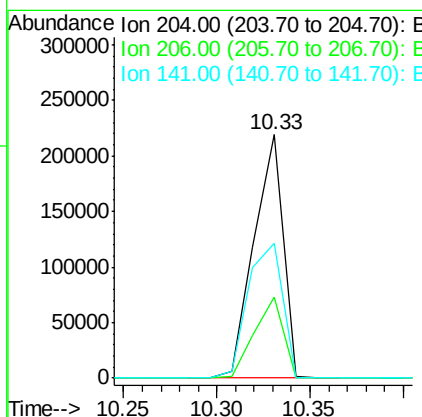
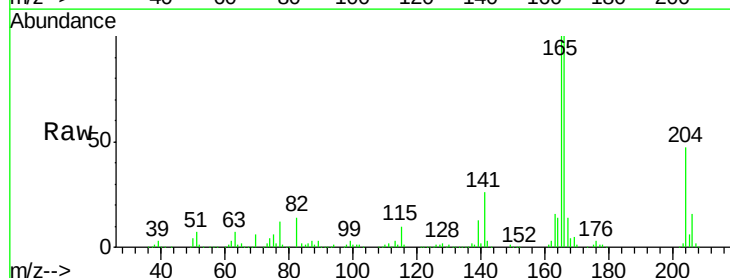
RT: 10.33 min Scan# 765

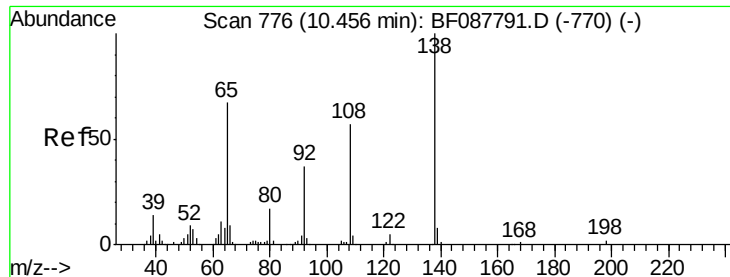
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	204	Resp:	236849
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.3	39.5
141	55.4	55.0	82.6





#61

4-Nitroaniline

Concen: 17.84 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

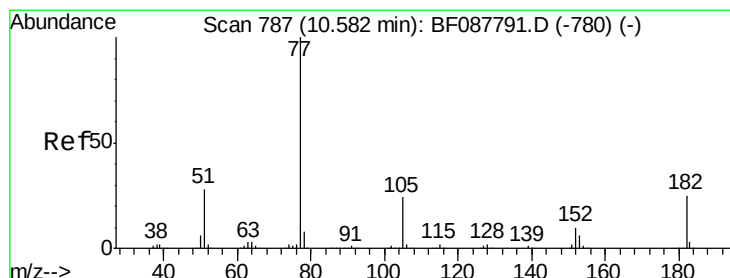
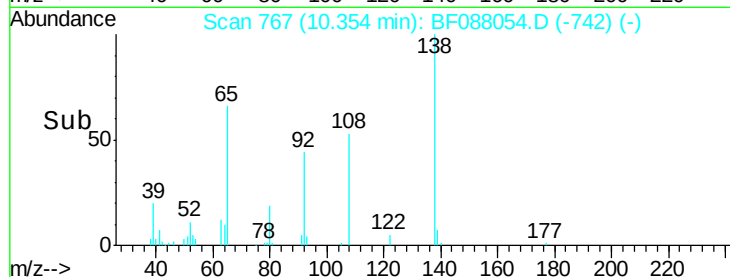
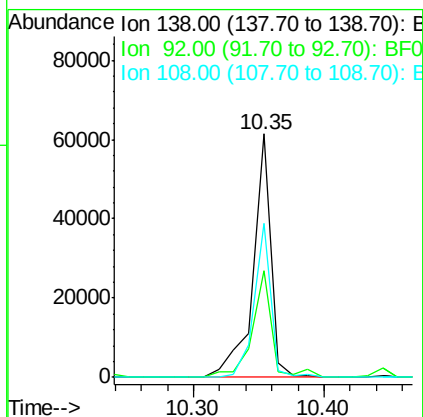
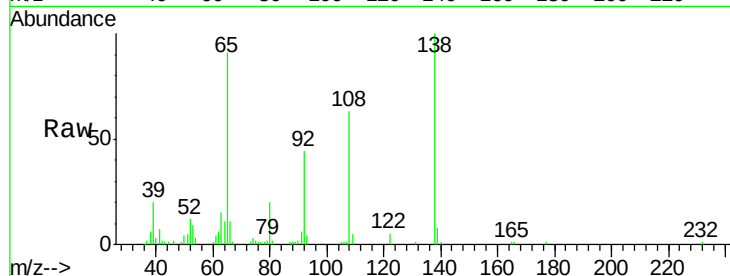
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	138	Resp:	58783
Ion Ratio	Lower	Upper	
138	100		
92	43.8	27.3	67.3
108	63.0	46.7	86.7

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#62

Azobenzene

Concen: 37.09 ng

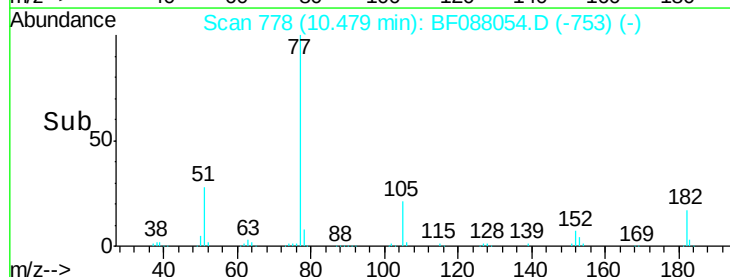
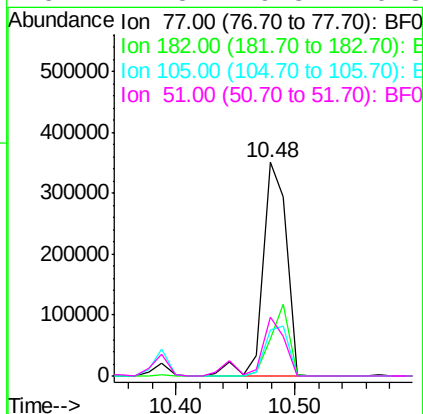
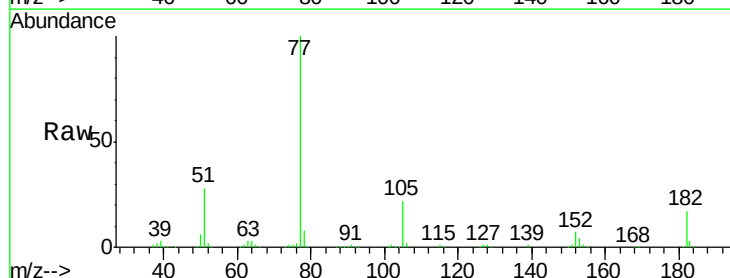
RT: 10.48 min Scan# 778

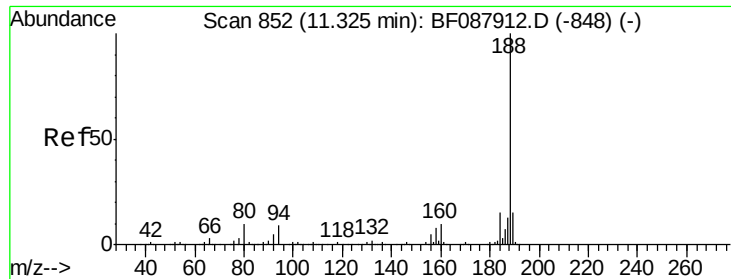
Delta R.T. -0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	77	Resp:	488081
Ion Ratio	Lower	Upper	
77	100		
182	17.3	4.4	44.4
105	21.9	3.8	43.8
51	27.8	9.3	49.3





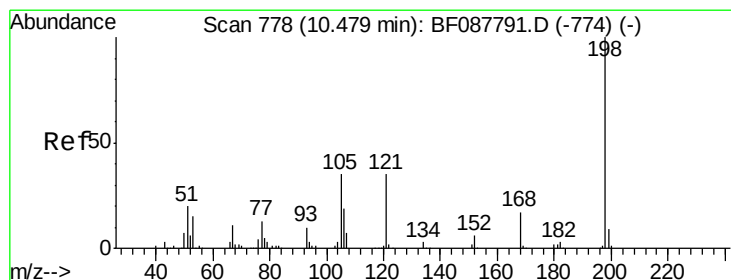
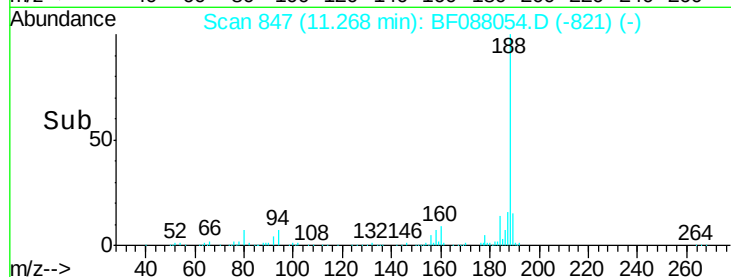
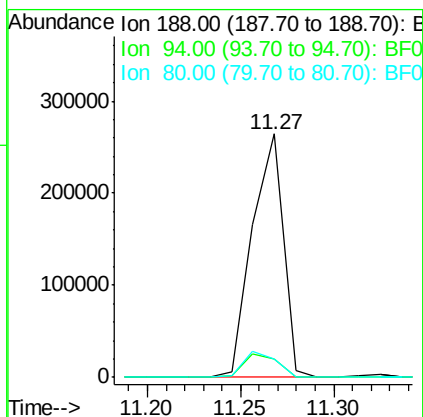
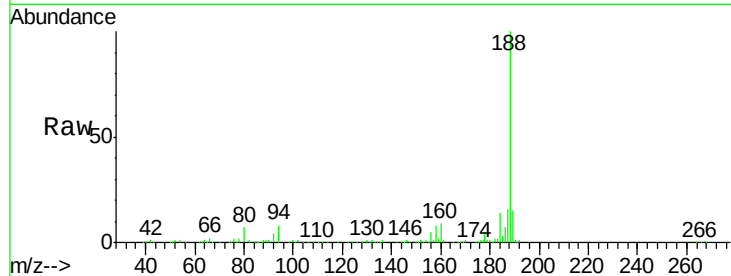
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	304202		
94	7.6	9.0	13.6#	
80	7.4	10.0	15.0#	

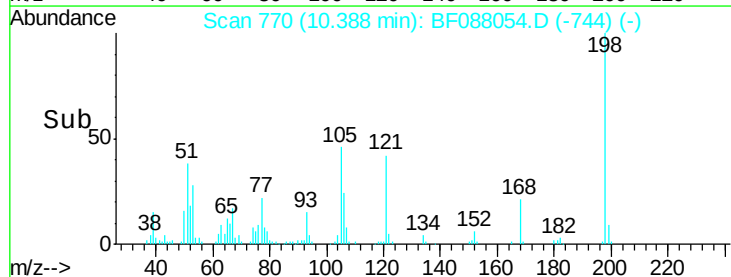
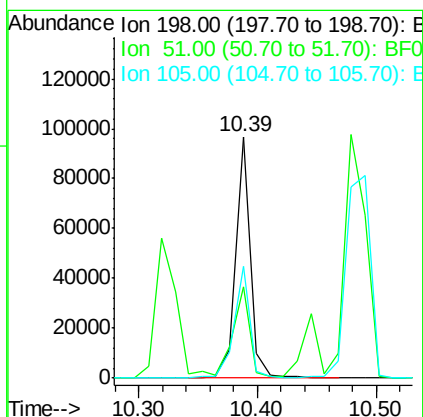
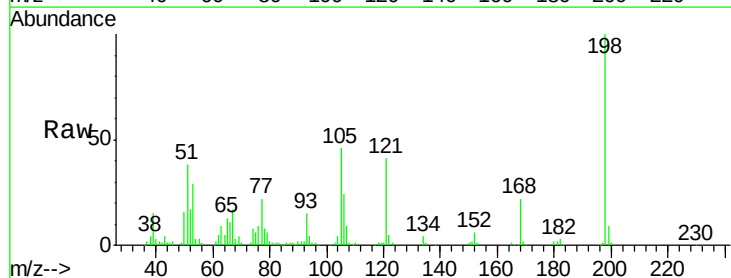
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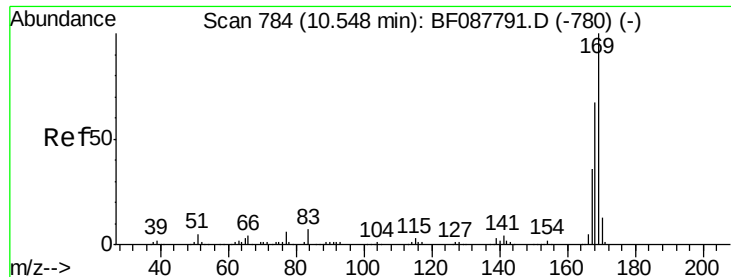
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.20 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	83592		
51	37.7	39.6	79.6#	
105	46.3	36.6	76.6	





#65

n-Nitrosodiphenylamine

Concen: 18.93 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

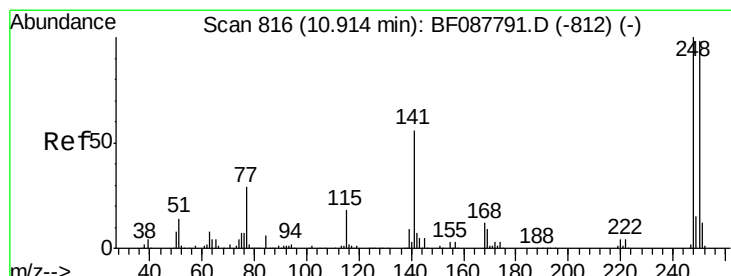
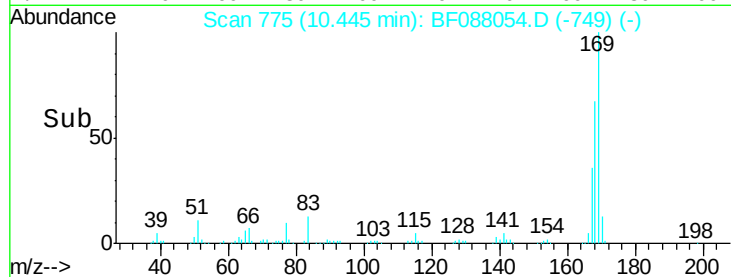
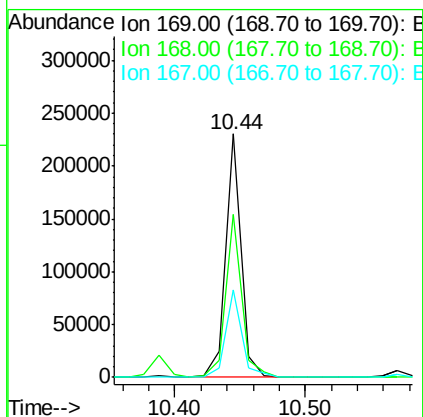
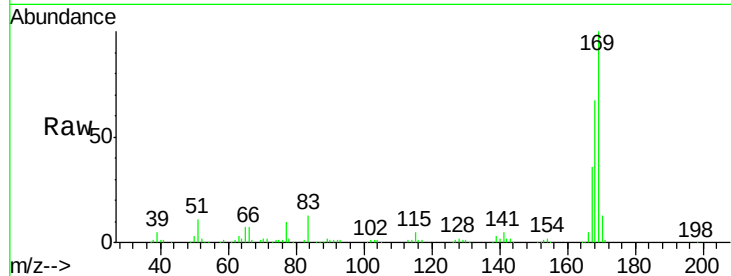
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	169	Resp:	191083
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.4	80.0
167	36.1	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 44.83 ng

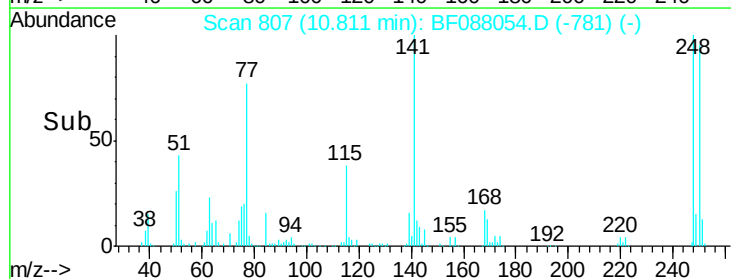
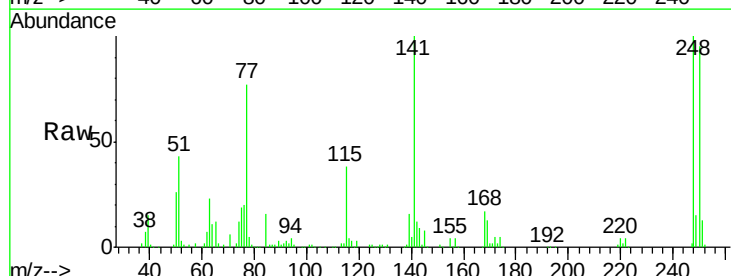
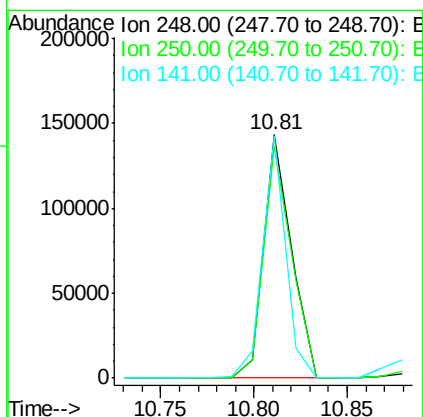
RT: 10.81 min Scan# 807

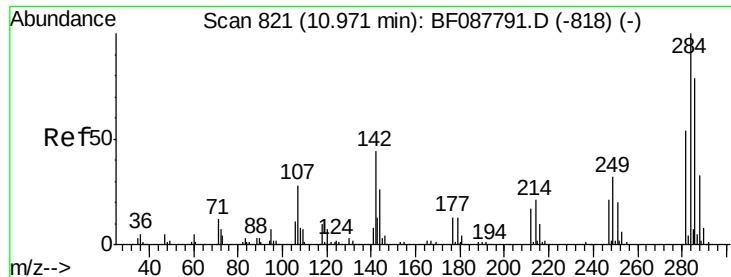
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	248	Resp:	146315
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.1	115.7
141	99.6	50.6	76.0





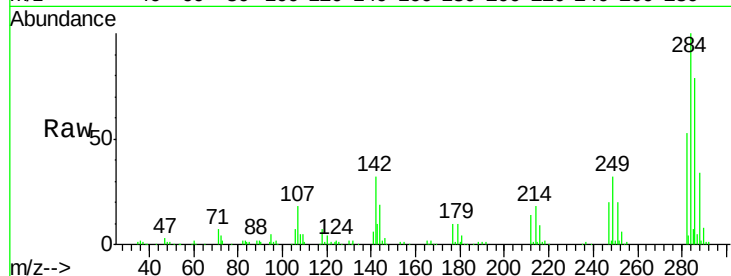
#67
Hexachlorobenzene
Concen: 46.72 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

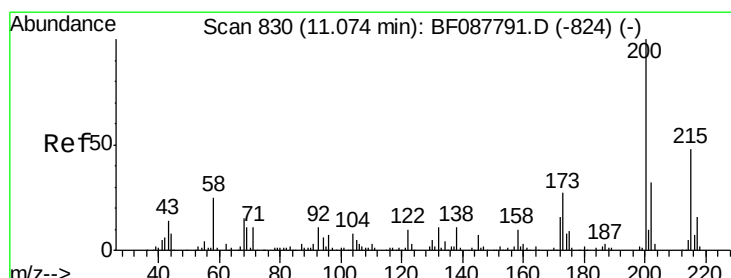
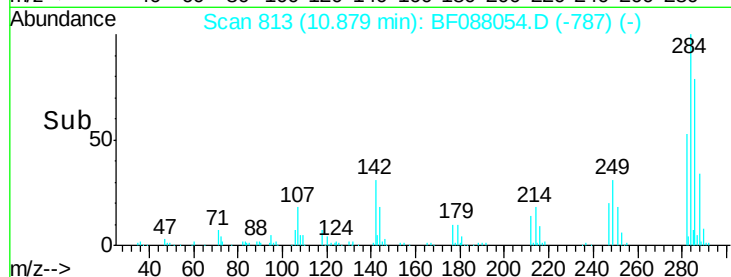
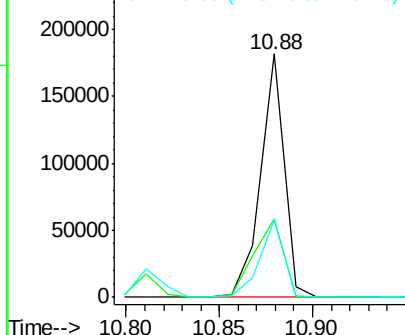
Tot Ion	Ratio	Resp	Lower	Upper
284	100	158427		
142	32.3	35.8	53.8#	
249	31.6	25.8	38.6	

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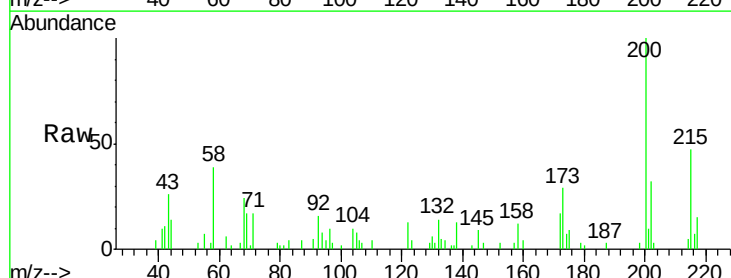


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

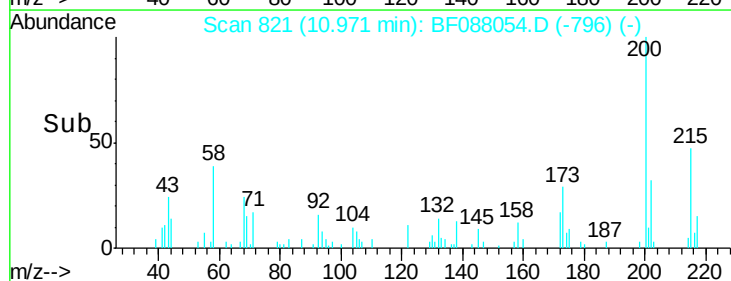
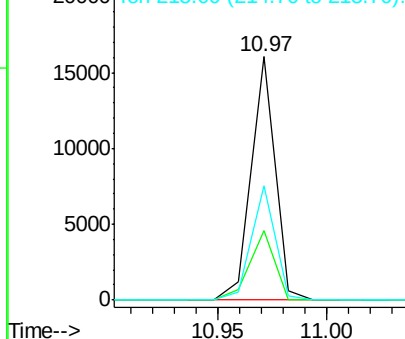


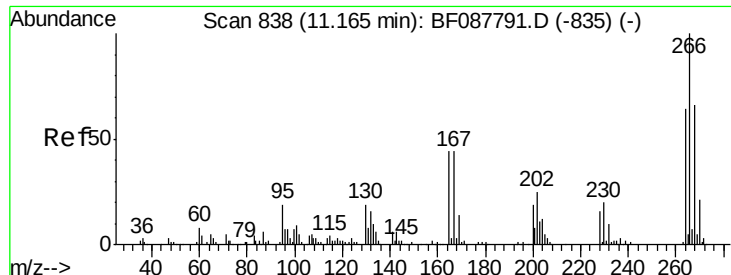
#68
Atrazine
Concen: 4.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	12236		
173	28.6	4.0	44.0	
215	46.9	29.3	69.3	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





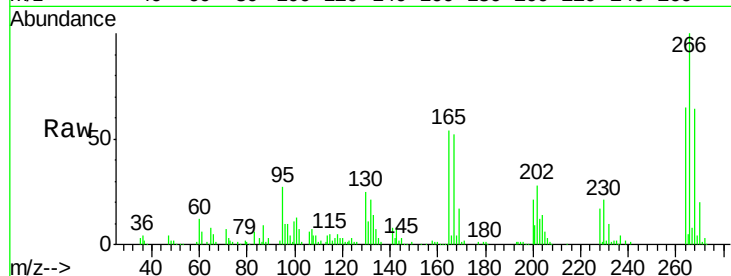
#69
 Pentachlorophenol
 Concen: 82.47 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

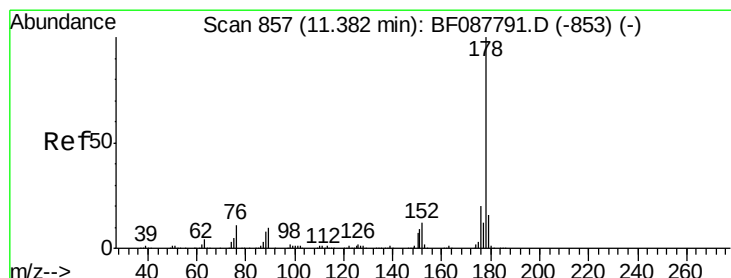
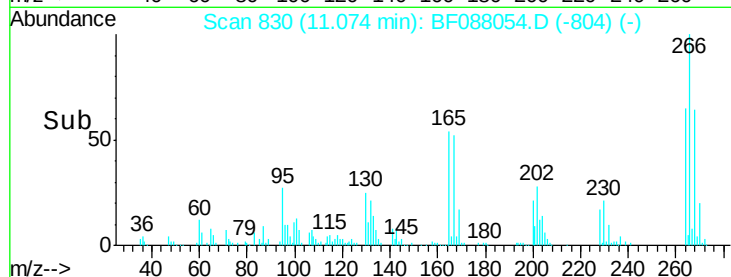
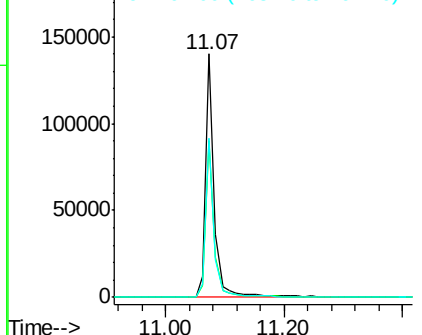
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.8	79.2
264	65.3	49.6	74.4

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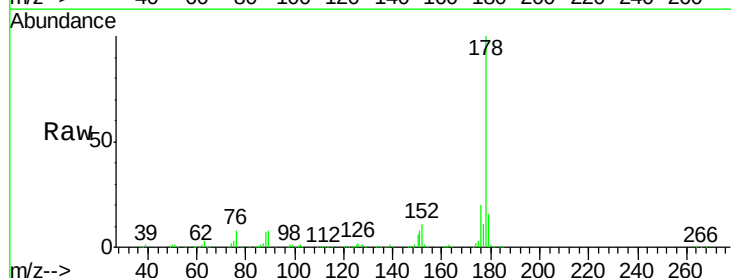


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

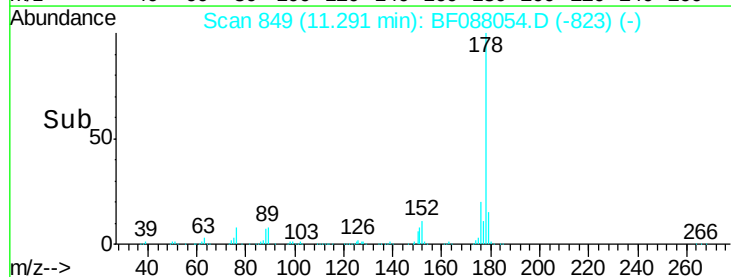
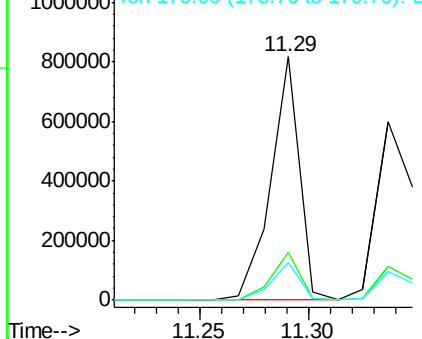


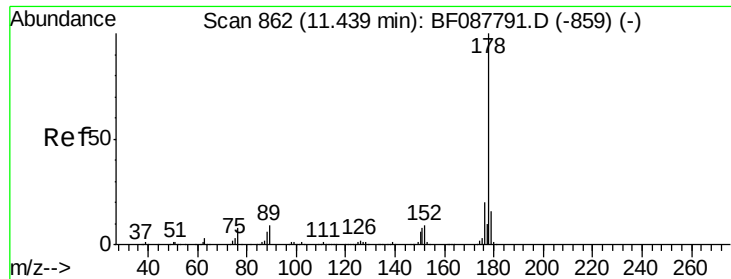
#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





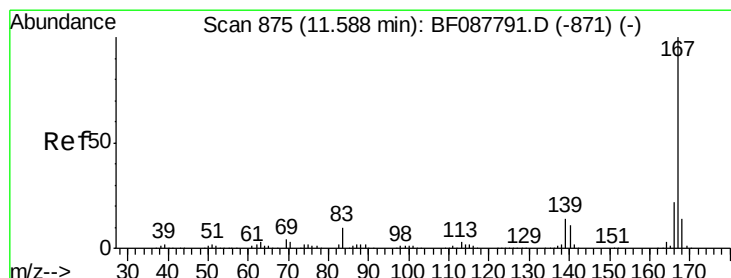
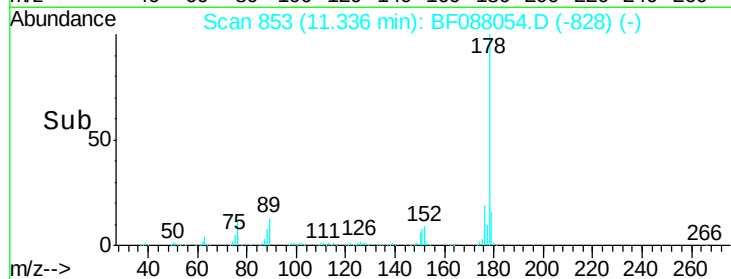
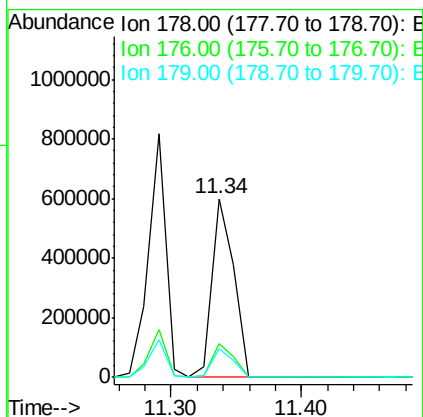
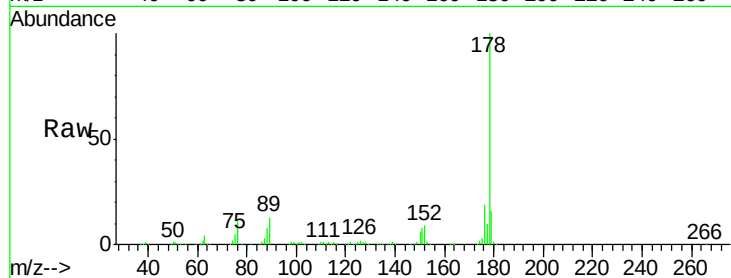
#71
 Anthracene
 Concen: 43.49 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.9	12.8	19.2

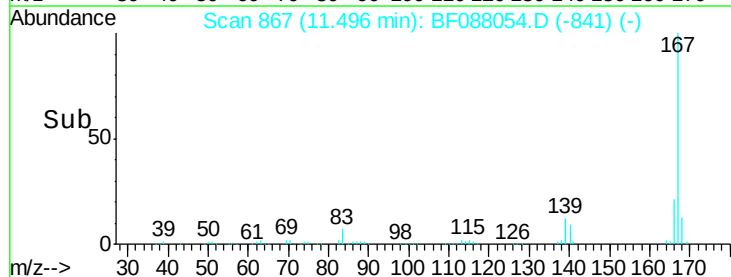
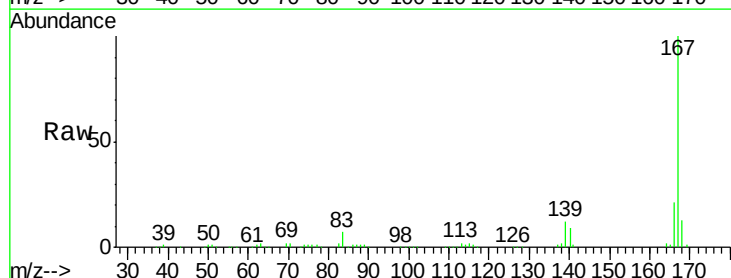
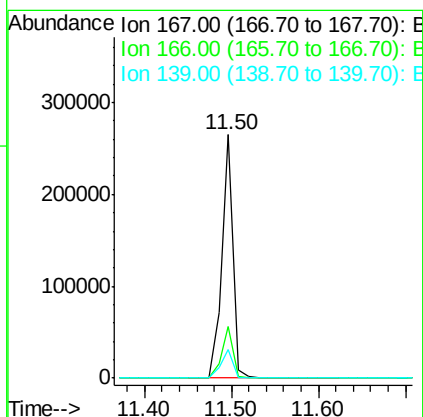
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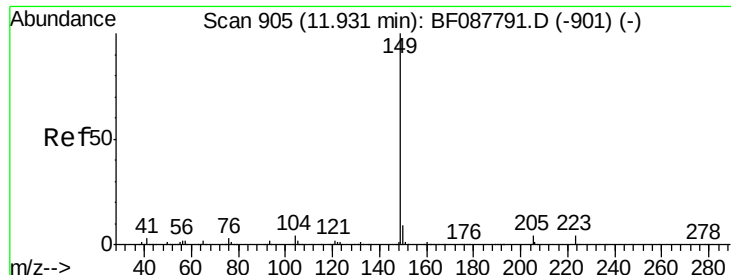
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#72
 Carbazole
 Concen: 16.01 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.6
139	11.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 47.36 ng

RT: 11.84 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

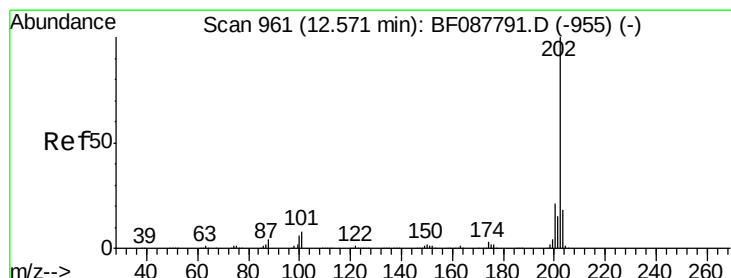
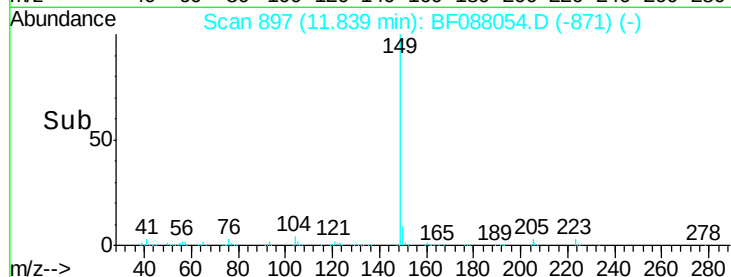
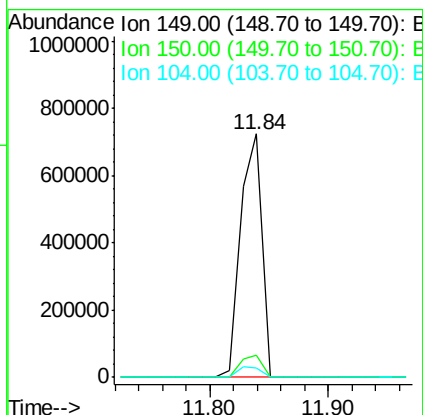
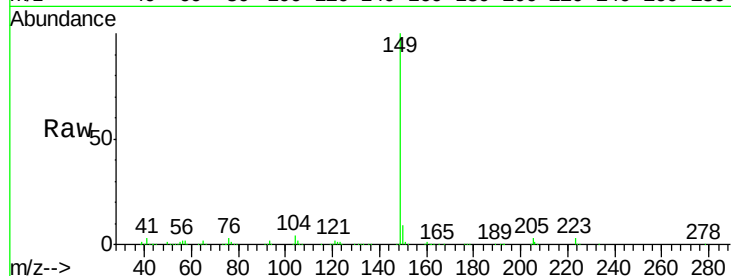
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	149	Resp:	903346
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.6	4.0	6.0

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#74

Fluoranthene

Concen: 37.40 ng

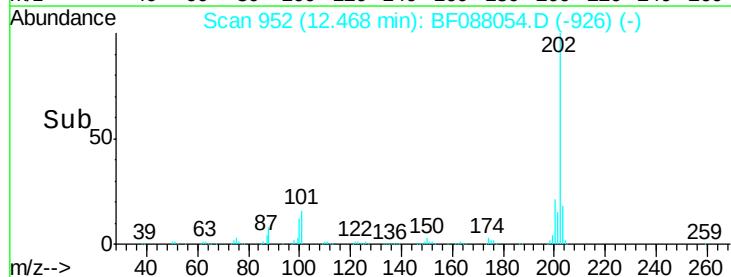
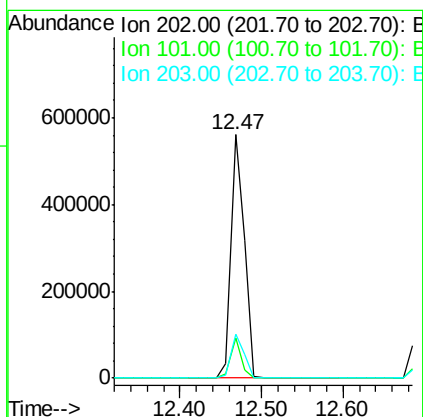
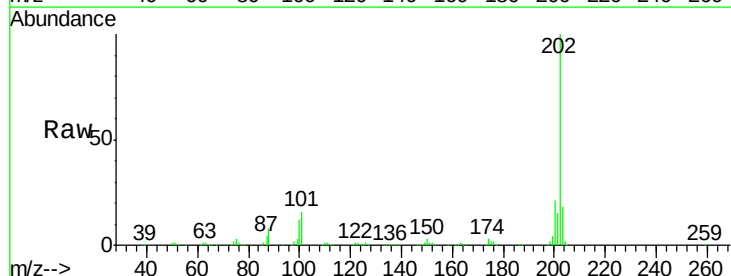
RT: 12.47 min Scan# 952

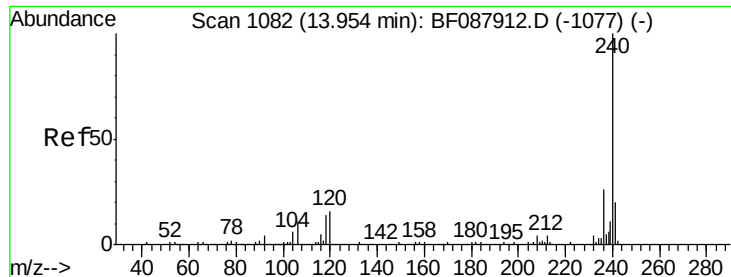
Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	202	Resp:	630082
Ion Ratio	Lower	Upper	
202	100		
101	16.4	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

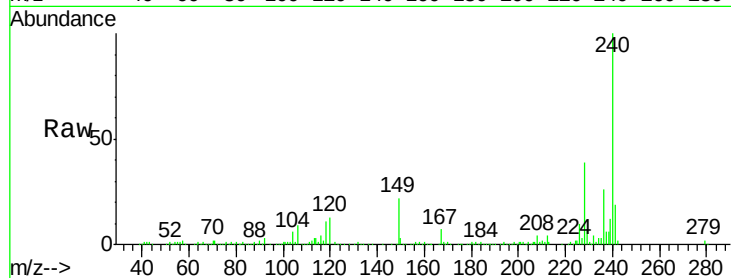
ClientSampleId :

HSR-WC-52-060916MSD

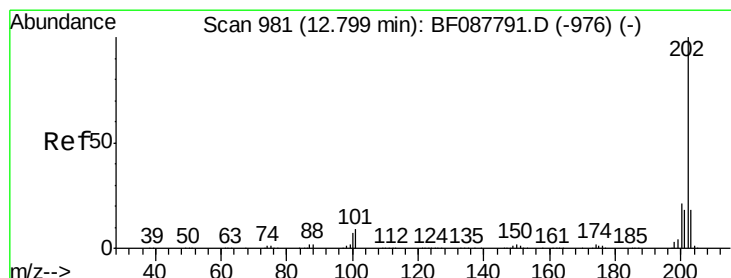
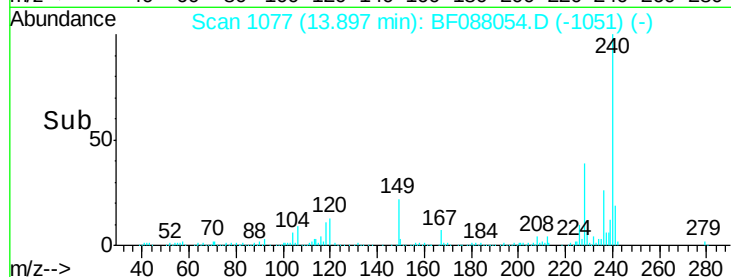
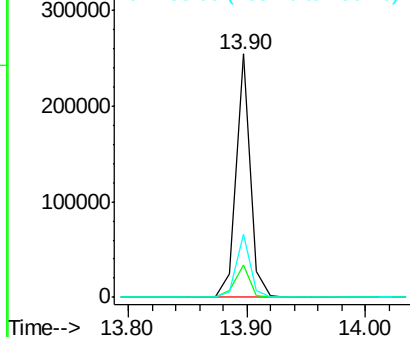
Tot Ion:	240	Resp:	212668
Ion Ratio	Lower	Upper	
240	100		
120	13.2	6.8	10.2#
236	25.7	20.2	30.2

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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: 38.94 ng

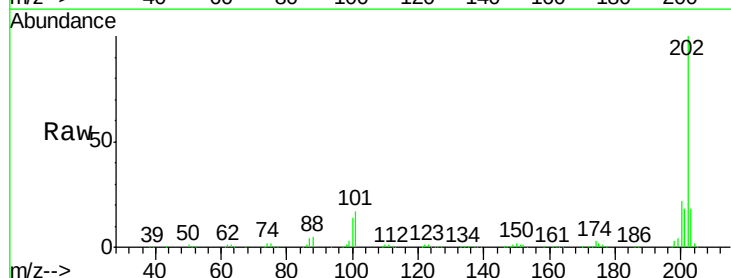
RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

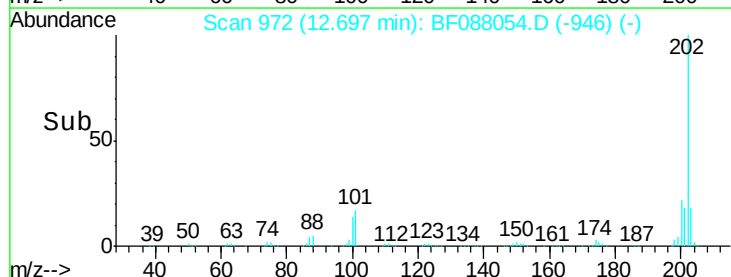
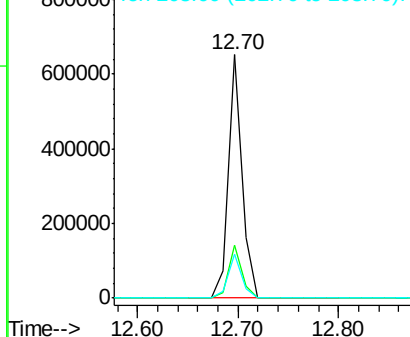
Lab File: BF088054.D

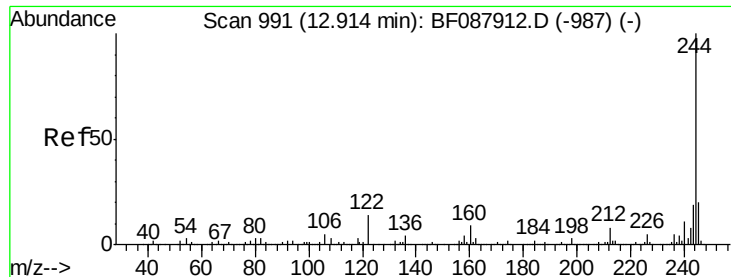
Acq: 16 Jun 2016 1:01

Tgt Ion:	202	Resp:	614536
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	18.0	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





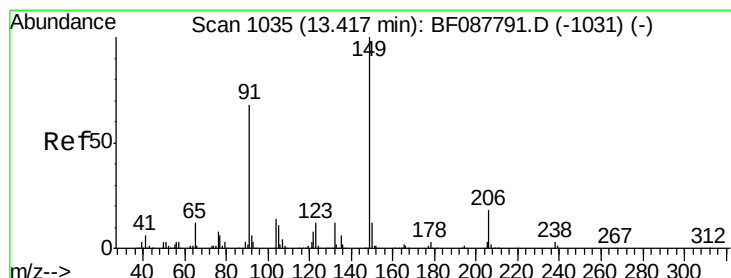
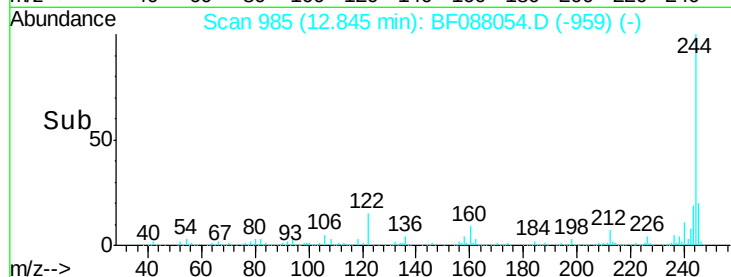
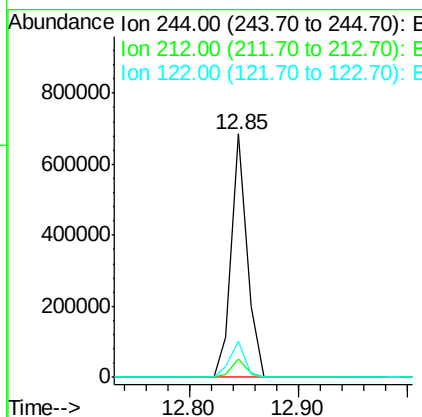
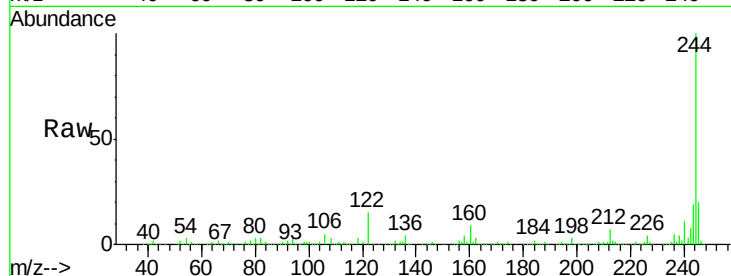
#78
 Terphenyl-d14
 Concen: 73.76 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.8	11.2	16.8

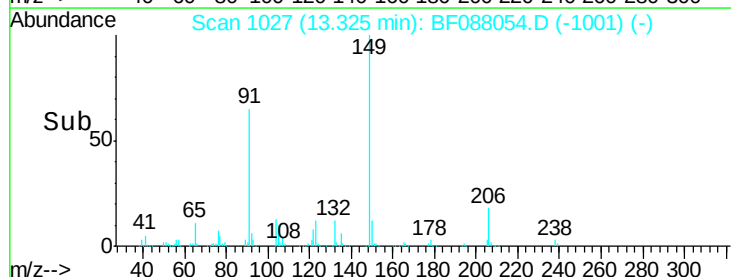
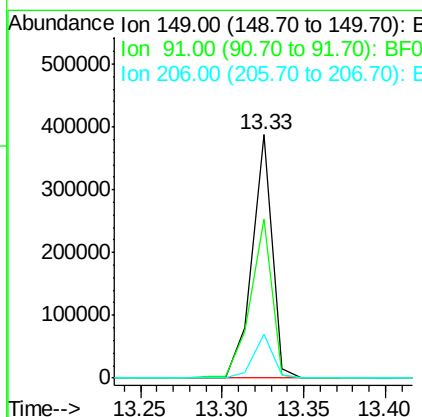
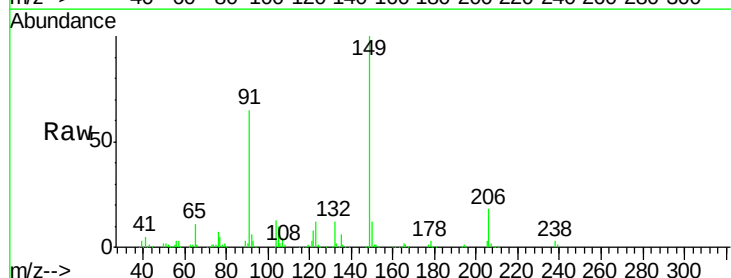
Manual Integrations
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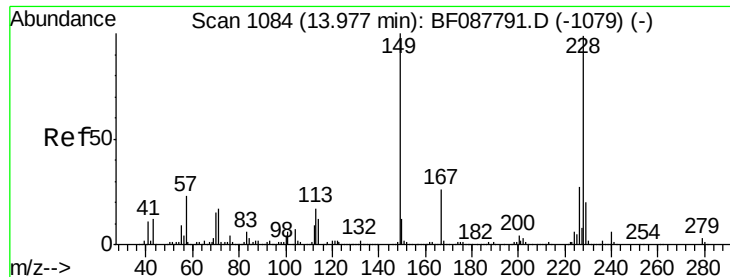
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#79
 Butylbenzylphthalate
 Concen: 47.50 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	65.4	48.0	72.0
206	18.2	16.0	24.0





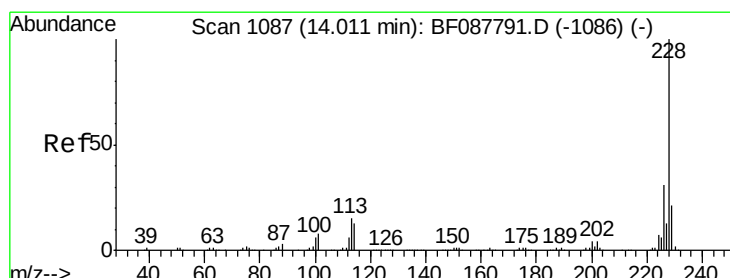
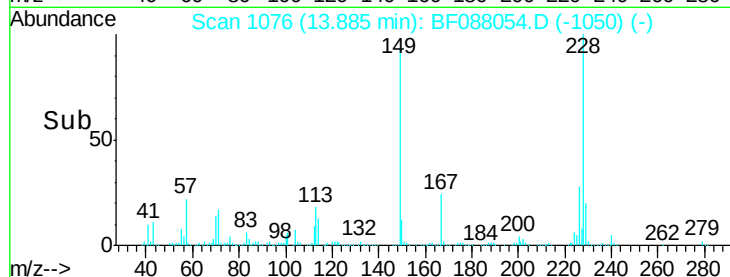
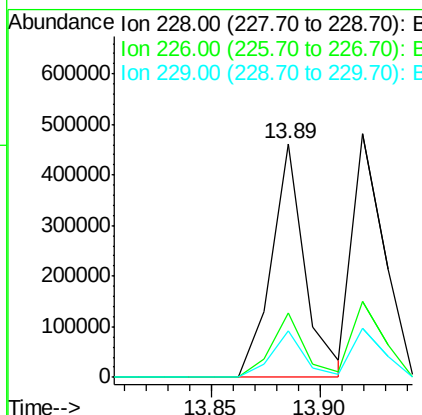
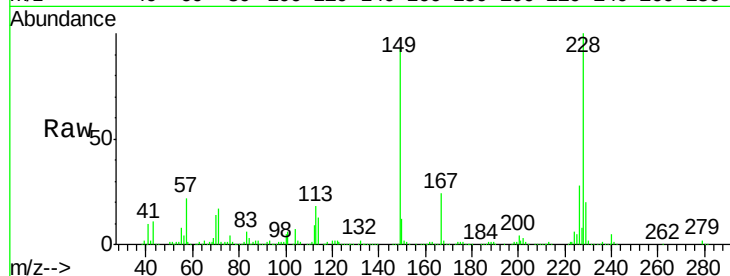
#80
Benzo(a)anthracene
Concen: 41.10 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.0	16.0	24.0

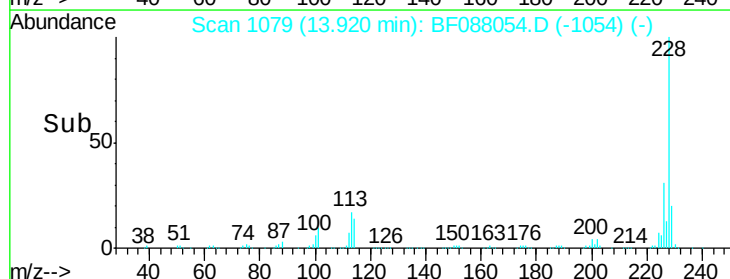
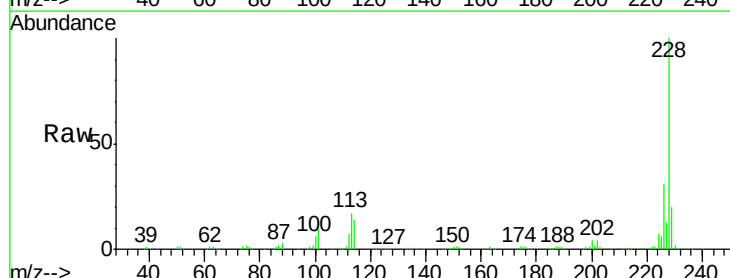
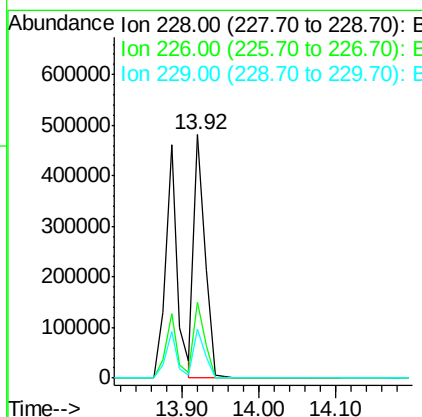
Manual Integrations
APPROVED

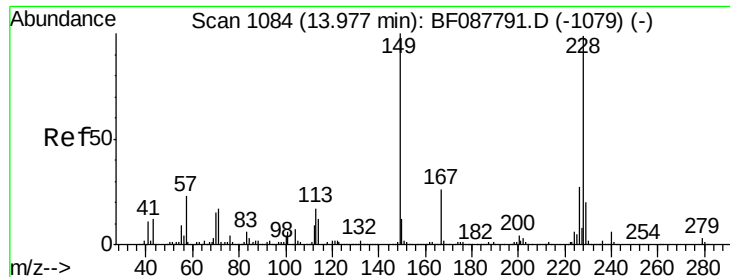
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#82
Chrysene
Concen: 42.78 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.2	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.85 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

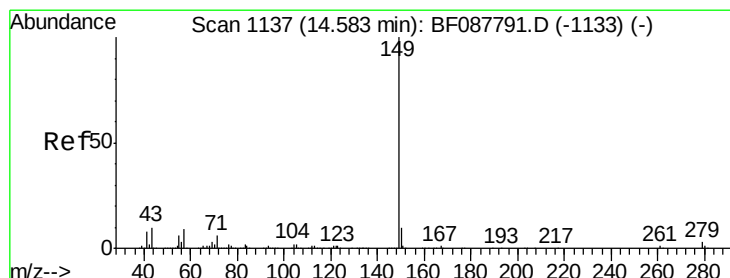
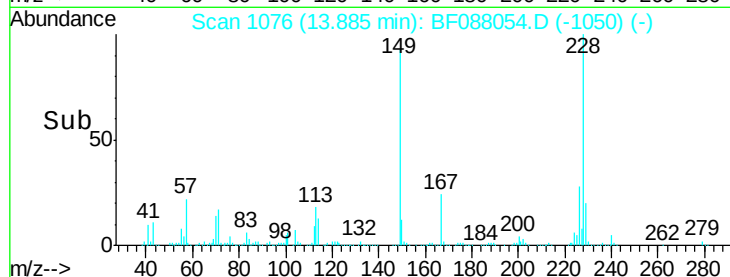
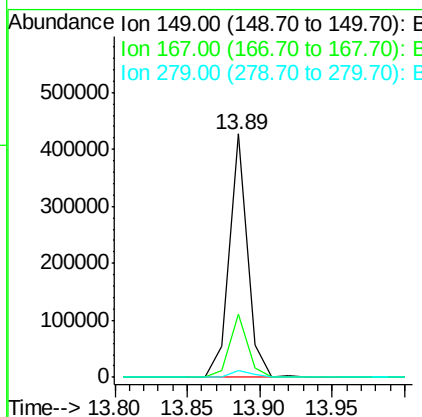
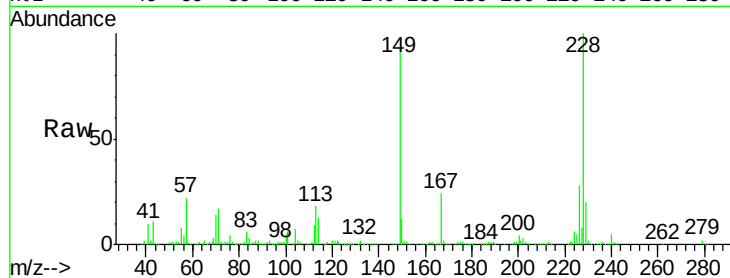
ClientSampleId :

HSR-WC-52-060916MSD

Tot Ion:	149	Resp:	372463
Ion Ratio		Lower	Upper
149	100		
167	25.7	20.5	30.7
279	2.7	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 52.47 ng

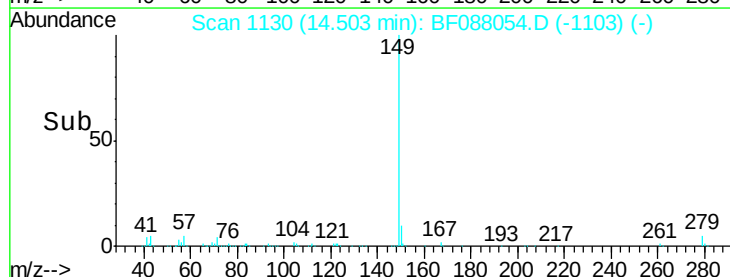
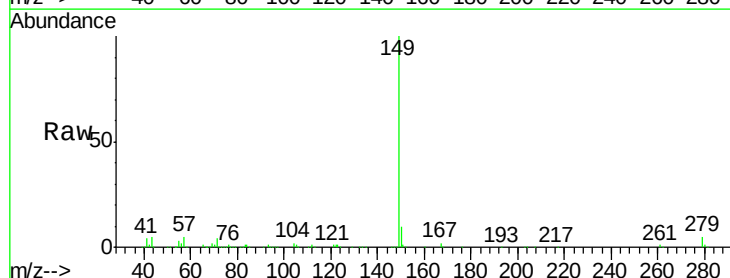
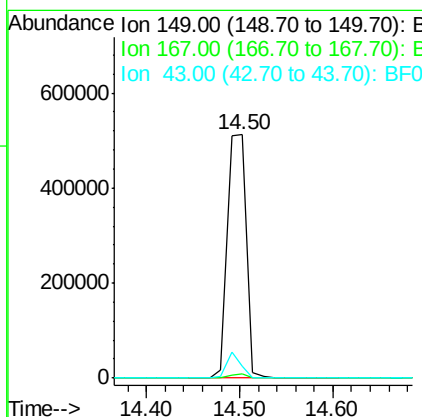
RT: 14.50 min Scan# 1130

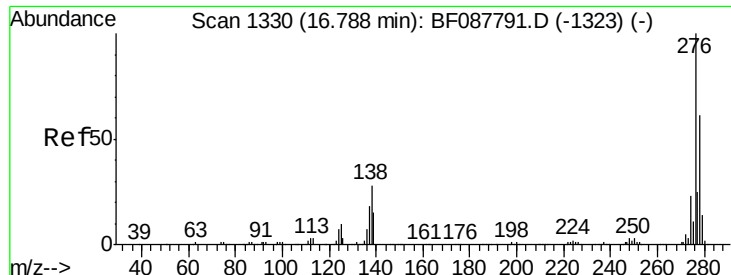
Delta R.T. 0.01 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:	149	Resp:	724182
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.0	0.0	0.0#





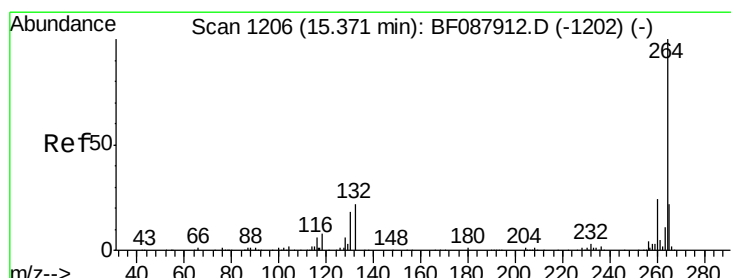
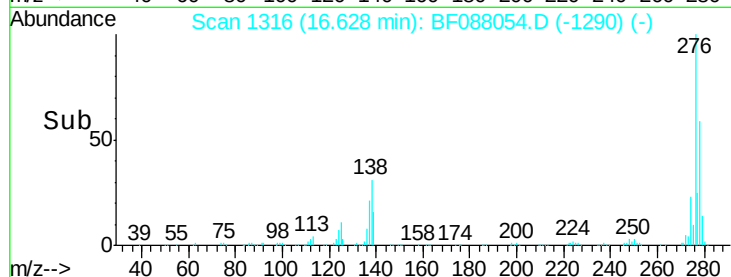
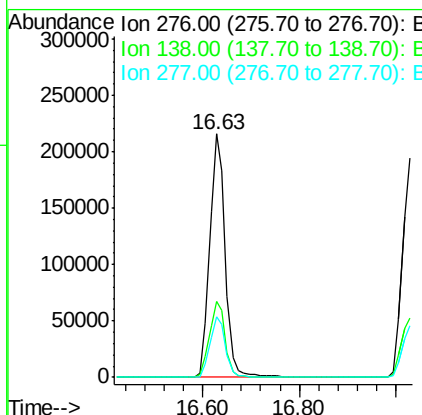
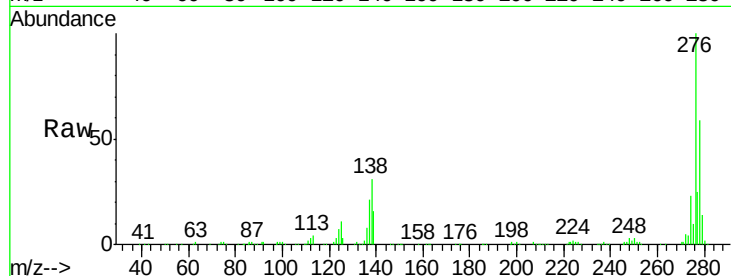
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.14 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.8	0.0	0.0#
277	25.2	0.0	0.0#

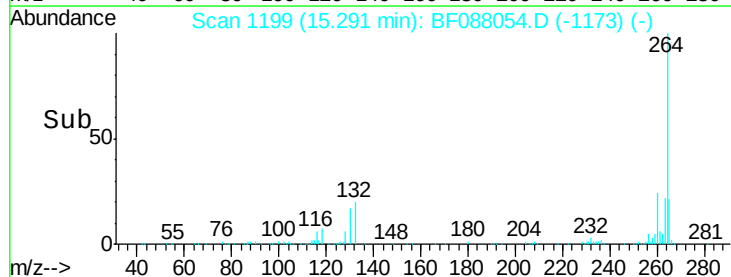
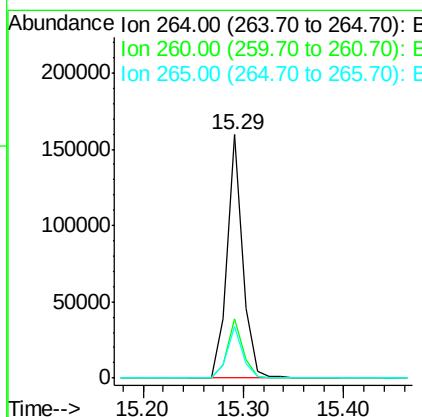
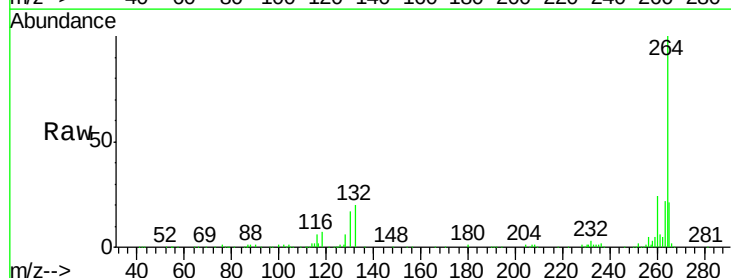
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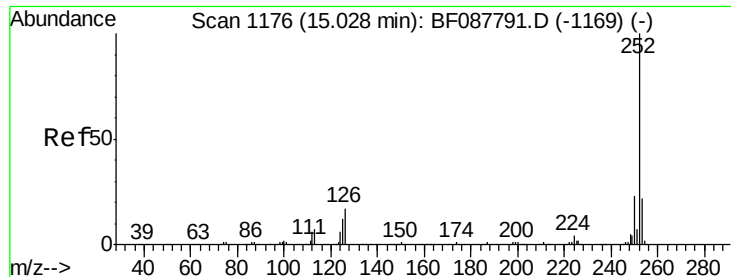
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 46.55 ng m

RT: 14.90 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

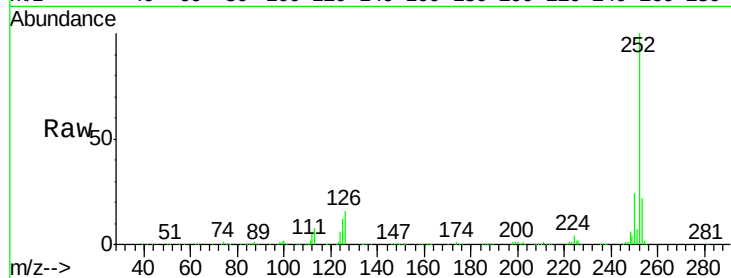
ClientSampleId :

HSR-WC-52-060916MSD

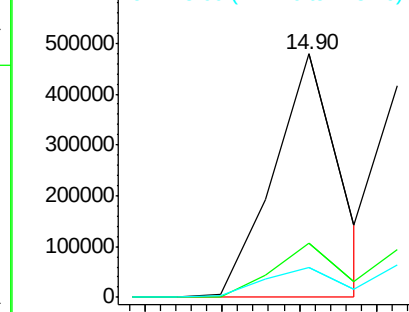
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.2	7.1	10.7#

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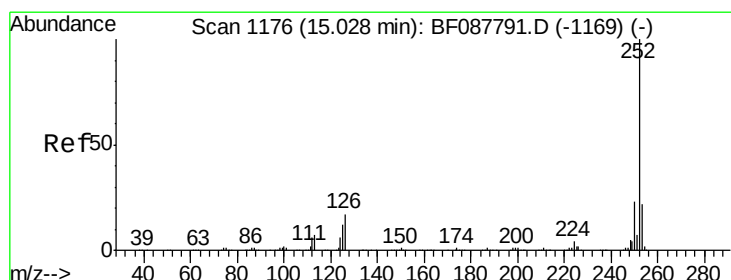
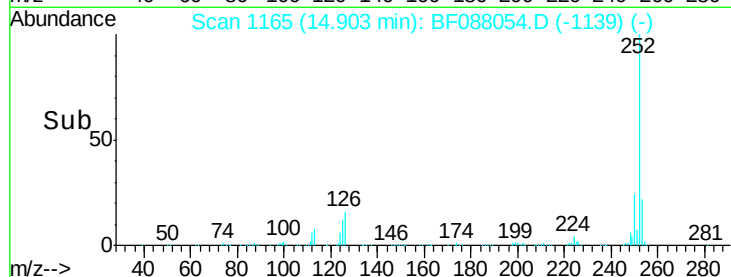
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 56.43 ng m

RT: 14.93 min Scan# 1167

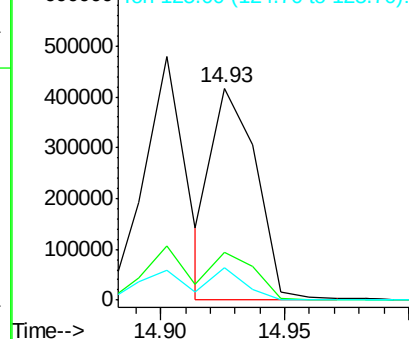
Delta R.T. 0.00 min

Lab File: BF088054.D

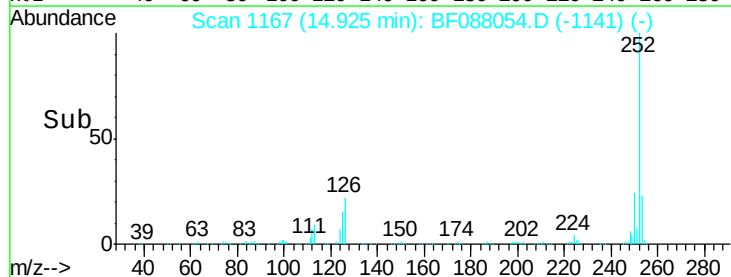
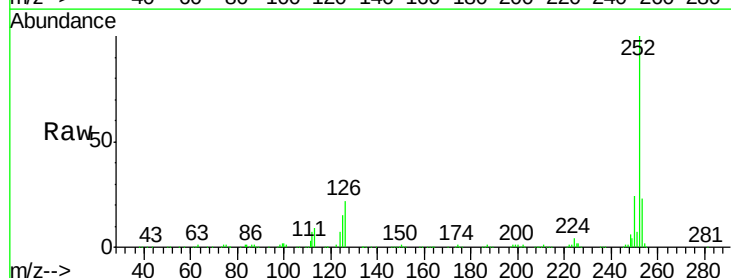
Acq: 16 Jun 2016 1:01

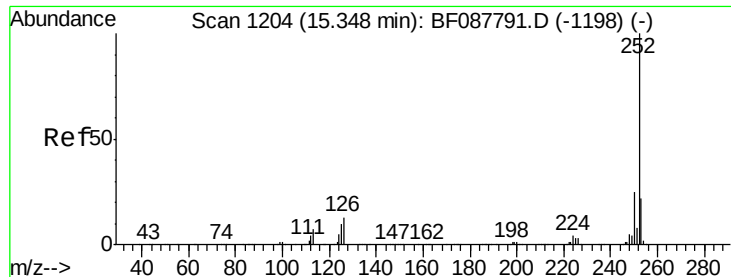
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	15.3	11.2	16.8

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-->





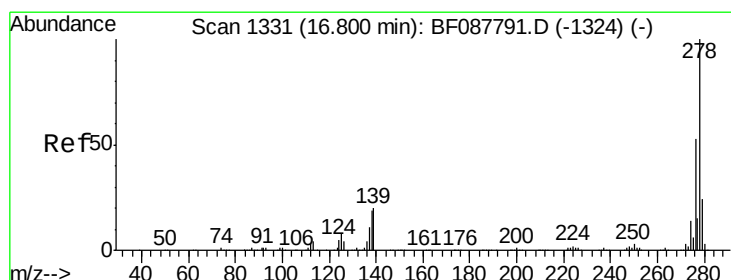
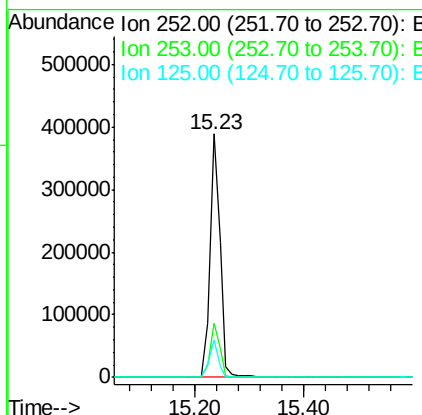
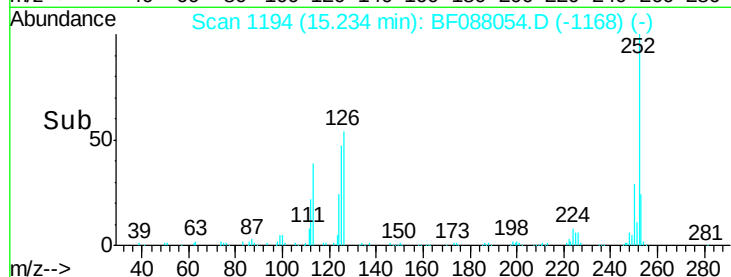
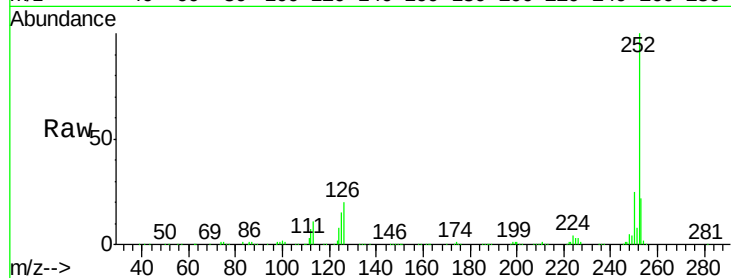
#89
Benzo(a)pyrene
Concen: 51.21 ng
RT: 15.23 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.5	12.5	18.7

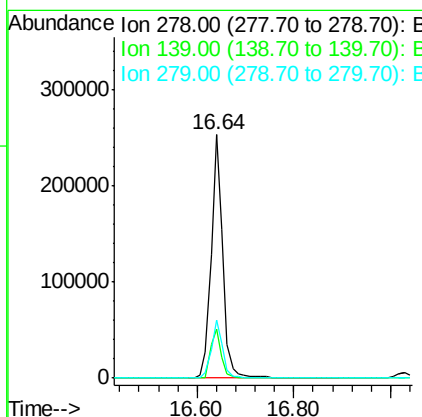
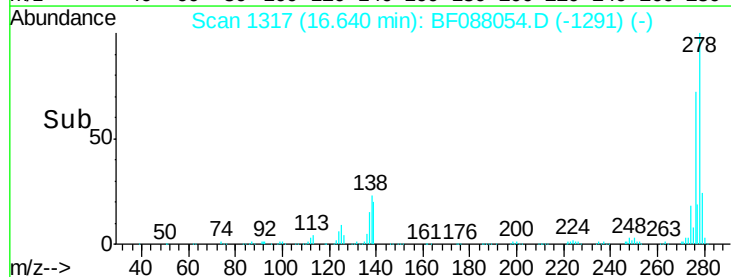
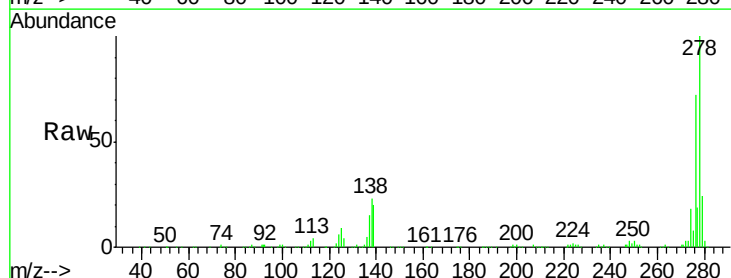
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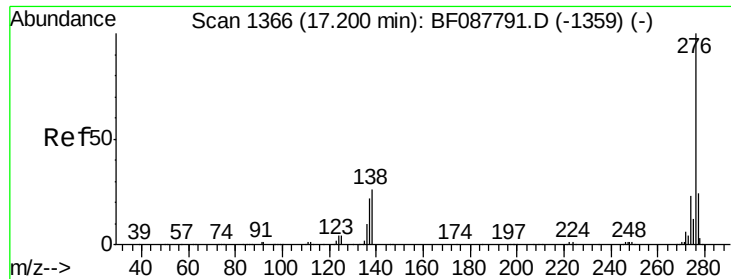
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#90
Dibenzo(a,h)anthracene
Concen: 47.86 ng
RT: 16.64 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	23.7	19.4	29.2





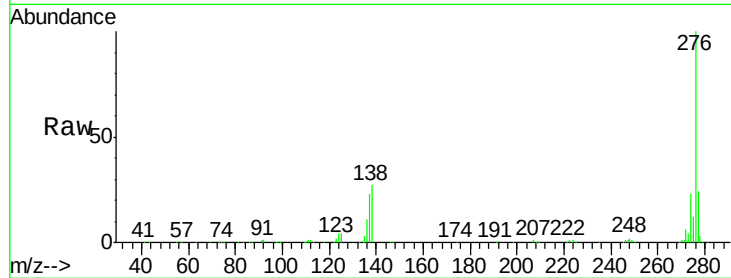
#91
 Benzo(a,h,i)perylene
 Concen: 43.39 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	27.1	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

