

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091129.D
 Acq On : 9 Nov 2016 17:34
 Operator : UM/SJ
 Sample : H5584-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Manual Integrations
 APPROVED

Sohil
 11/10/2016 12:41:45 PM

Quant Time: Nov 10 12:21:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177621	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	717113	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	394364	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	647708	20.00	ng	0.00
75) Chrysene-d12	13.80	240	519386	20.00	ng	-0.01
86) Perylene-d12	15.17	264	369387	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1220681	113.50	ng	0.02
7) Phenol-d6	6.32	99	1472687	100.88	ng	0.00
23) Nitrobenzene-d5	7.23	82	1060848	80.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	488722	137.08	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1837606	80.22	ng	-0.01
78) Terphenyl-d14	12.76	244	2091772	100.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	193511	31.45	ng	# 82
3) Pyridine	2.97	79	410846m	28.55	ng	
4) n-Nitrosodimethylamine	2.90	42	196412	34.50	ng	84
6) Aniline	6.33	93	450680	26.17	ng	# 22
8) 2-Chlorophenol	6.44	128	504263	39.31	ng	99
9) Benzaldehyde	6.21	77	30687m	3.79	ng	
10) Phenol	6.33	94	488215	30.22	ng	# 77
11) bis(2-Chloroethyl)ether	6.41	93	550803	40.46	ng	85
12) 1,3-Dichlorobenzene	6.59	146	498379m	38.41	ng	
13) 1,4-Dichlorobenzene	6.67	146	530429	38.10	ng	95
14) 1,2-Dichlorobenzene	6.83	146	498009	38.98	ng	95
15) Benzyl Alcohol	6.82	79	422846	41.07	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.94	45	611640	31.38	ng	67
17) 2-Methylphenol	6.93	107	399991	39.39	ng	97
18) Hexachloroethane	7.16	117	196138	36.41	ng	# 89
19) n-Nitroso-di-n-propylamine	7.08	70	377751	37.34	ng	97
20) 3+4-Methylphenols	7.09	107	528201	43.32	ng	94
22) Acetophenone	7.08	105	716239	43.38	ng	# 93
24) Nitrobenzene	7.25	77	550031	37.89	ng	# 87
25) Isophorone	7.49	82	1045223	41.26	ng	97
26) 2-Nitrophenol	7.56	139	267660	43.56	ng	# 85
27) 2,4-Dimethylphenol	7.62	122	461128	45.38	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	635078	45.89	ng	99
29) 2,4-Dichlorophenol	7.81	162	424053	47.82	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	443603	44.49	ng	96
31) Naphthalene	7.96	128	1494343	43.57	ng	99
32) Benzoic acid	7.77	122	213420	29.15	ng	94
33) 4-Chloroaniline	8.03	127	320500	22.47	ng	99
34) Hexachlorobutadiene	8.09	225	260819	48.46	ng	99
35) Caprolactam	8.41	113	113470m	40.73	ng	
36) 4-Chloro-3-methylphenol	8.52	107	442186	41.19	ng	91
37) 2-Methylnaphthalene	8.66	142	1007805	45.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	443515	44.11	ng	98
40) Hexachlorocyclopentadiene	8.81	237	348153	88.48	ng	97

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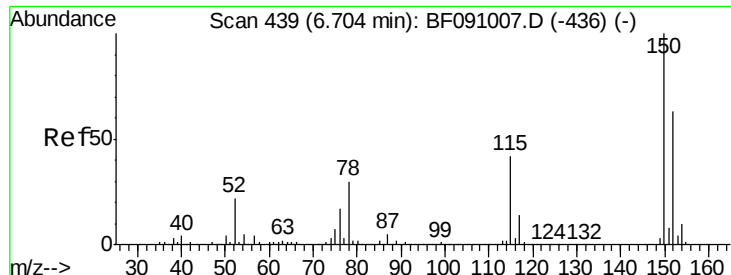
Manual Integrations
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 11/10/2016 12:41:45 PM

Quant Time: Nov 10 12:21:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	293850	45.27	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	293713	43.10	nq	# 85
45) 1,1'-Biphenyl	9.13	154	1181051	41.01	nq	95
46) 2-Chloronaphthalene	9.15	162	936397	42.83	nq	92
47) 2-Nitroaniline	9.25	65	308317	38.00	nq	# 83
48) Acenaphthylene	9.56	152	1422112	41.74	nq	99
49) Dimethylphthalate	9.44	163	1104207	42.70	nq	99
50) 2,6-Dinitrotoluene	9.49	165	231338	41.74	nq	# 78
51) Acenaphthene	9.73	154	880699	41.17	nq	99
52) 3-Nitroaniline	9.66	138	190272	28.95	nq	85
53) 2,4-Dinitrophenol	9.78	184	278101	91.18	nq	96
54) Dibenzofuran	9.90	168	1296781	45.04	nq	92
55) 4-Nitrophenol	9.85	139	240471	56.74	nq	88
56) 2,4-Dinitrotoluene	9.90	165	324644	46.04	nq	# 89
57) Fluorene	10.25	166	998070	42.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	261672	49.01	nq	89
59) Diethylphthalate	10.13	149	1146220	43.23	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	461343	43.07	nq	# 89
61) 4-Nitroaniline	10.28	138	258025	38.81	nq	94
62) Azobenzene	10.40	77	1195897	38.32	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	166287	41.93	nq	95
65) n-Nitrosodiphenylamine	10.36	169	905600	43.99	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	325646	48.34	nq	# 69
67) Hexachlorobenzene	10.78	284	333053	44.82	nq	95
68) Atrazine	10.90	200	284350	47.88	nq	98
69) Pentachlorophenol	10.99	266	323171	98.20	nq	99
70) Phenanthrene	11.20	178	1354163	39.33	nq	99
71) Anthracene	11.25	178	1614381	44.10	nq	100
72) Carbazole	11.41	167	1417147	42.96	nq	97
73) Di-n-butylphthalate	11.75	149	1591943	38.37	nq	99
74) Fluoranthene	12.39	202	1514673	42.42	nq	88
76) Benzidine	12.51	184	122943	10.60	nq	97
77) Pyrene	12.60	202	1371890	40.33	nq	99
79) Butylbenzylphthalate	13.23	149	643984	39.58	nq	95
80) Benzo(a)anthracene	13.79	228	1237439	41.96	nq	100
81) 3,3'-Dichlorobenzidine	13.76	252	266257	25.70	nq	# 95
82) Chrysene	13.83	228	1163484	40.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	913606	41.49	nq	# 92
84) Di-n-octyl phthalate	14.41	149	1429150	39.48	nq	95
85) Indeno(1,2,3-cd)pyrene	16.47	276	1030117	42.70	nq	95
87) Benzo(h)fluoranthene	14.80	252	993368m	39.65	nq	
88) Benzo(k)fluoranthene	14.82	252	957260m	43.56	nq	
89) Benzo(a)pyrene	15.12	252	893020	40.94	nq	# 96
90) Dibenzo(a,h)anthracene	16.47	278	871711	46.23	nq	99
91) Benzo(g,h,i)perylene	16.84	276	816188	47.87	nq	95

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



#1

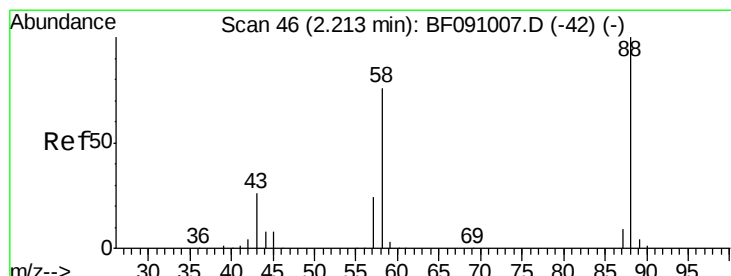
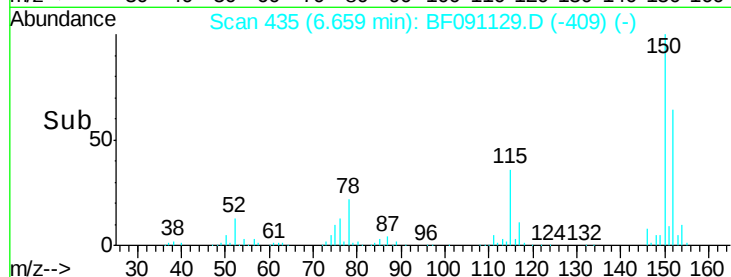
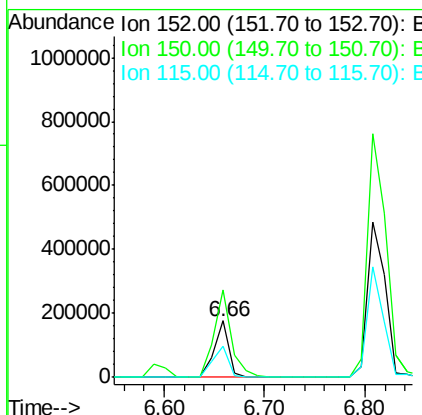
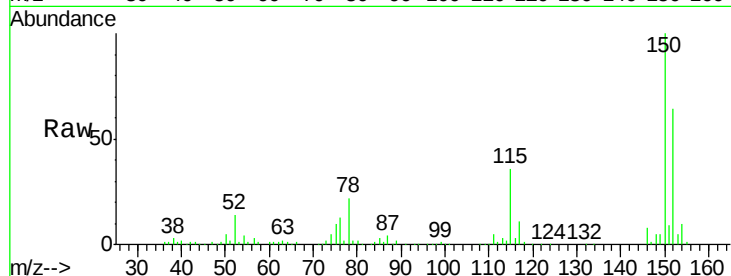
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.8	190.2
115	55.9	53.3	79.9

Manual Integrations
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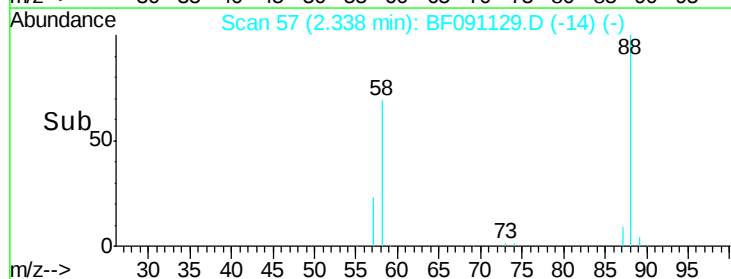
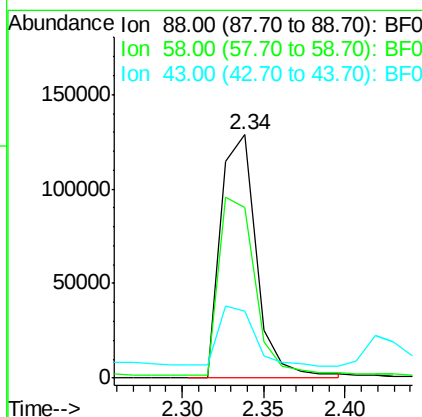
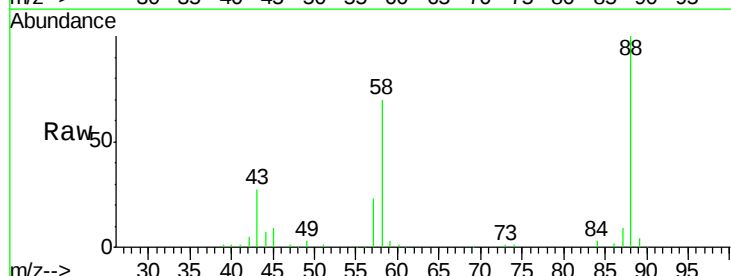
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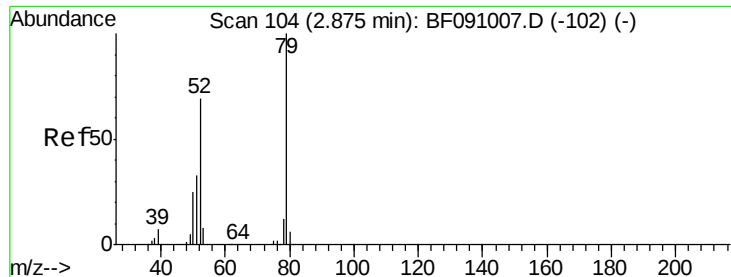


#2

1,4-Dioxane
Concen: 31.45 ng
RT: 2.34 min Scan# 57
Delta R.T. 0.19 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	63.8	95.6
43	0.0	22.6	33.8#





#3

Pvridine

Concen: 28.55 ng/ml

RT: 2.97 min Scan# 112

Delta R.T. 0.18 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

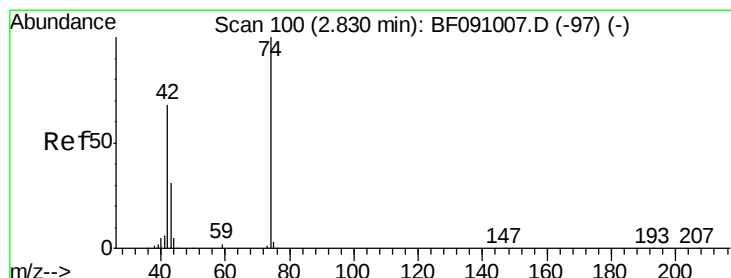
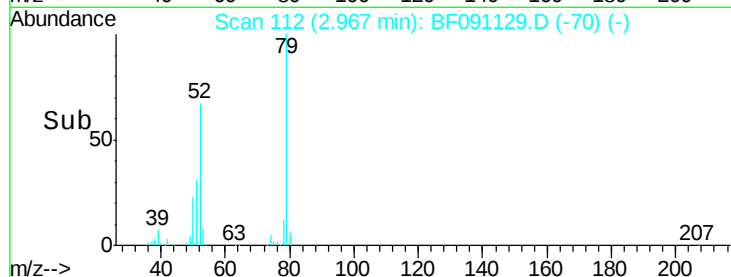
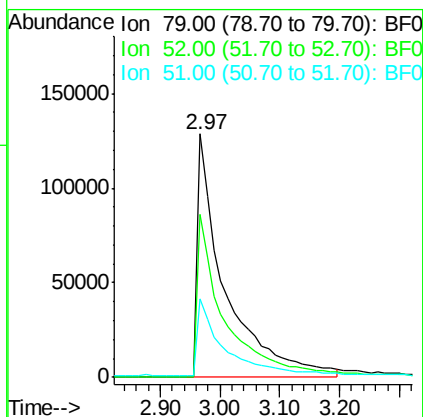
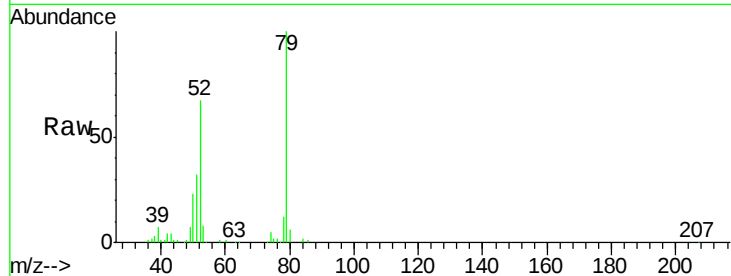
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:	79	Resp:	410846
Ion	Ratio	Lower	Upper
79	100		
52	66.9	55.4	83.0
51	32.2	27.4	41.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.50 ng/ml

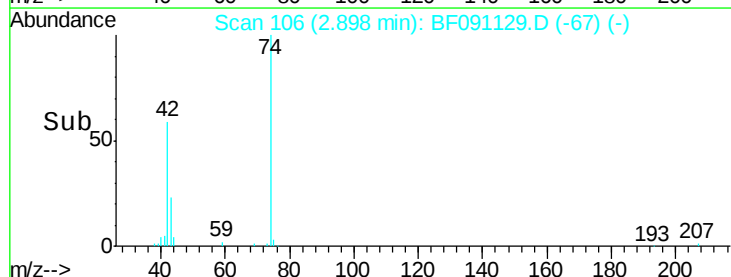
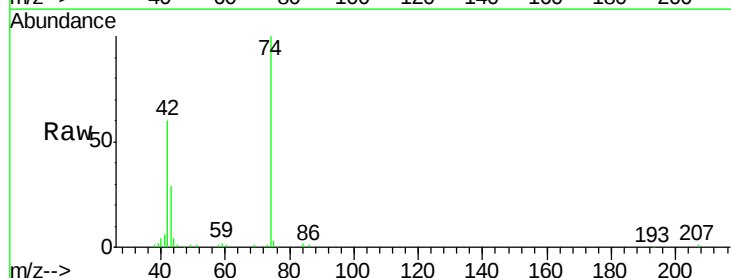
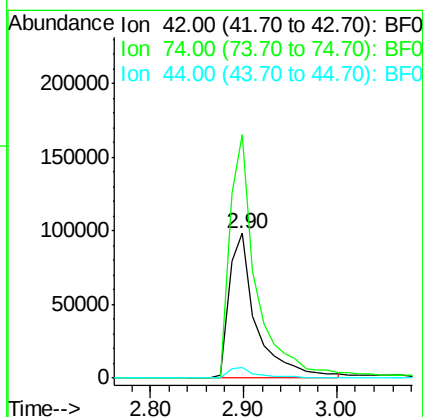
RT: 2.90 min Scan# 106

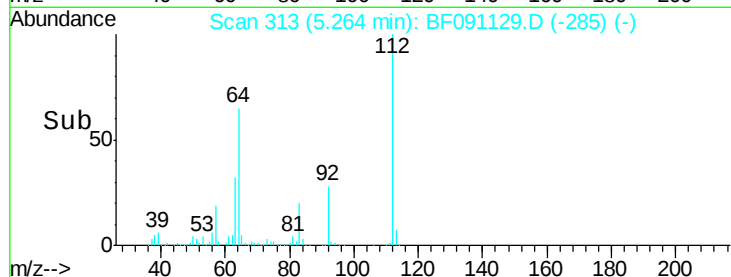
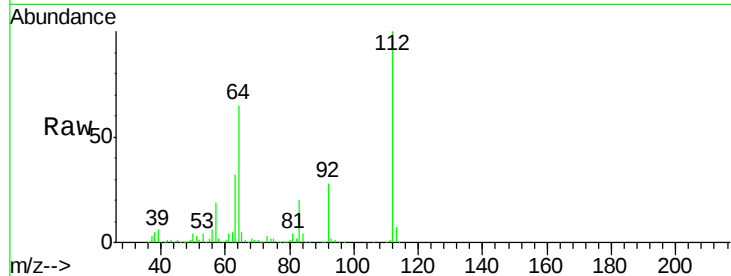
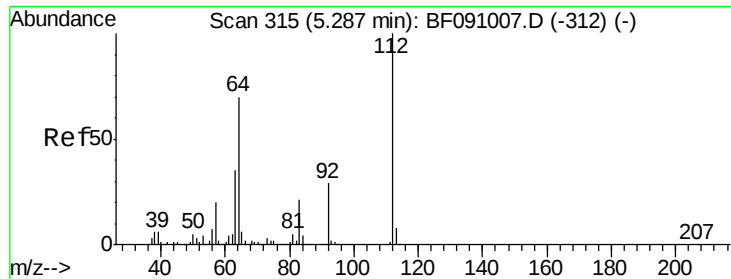
Delta R.T. 0.15 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:	42	Resp:	196412
Ion	Ratio	Lower	Upper
42	100		
74	168.0	117.3	175.9
44	7.4	5.8	8.8





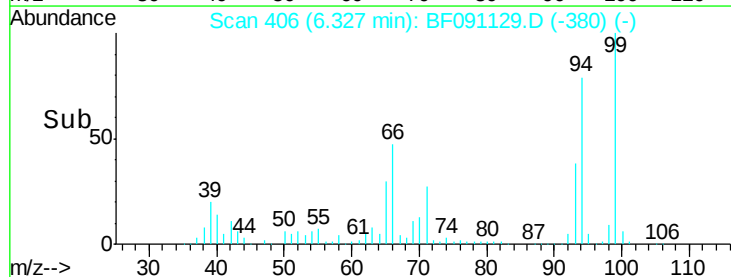
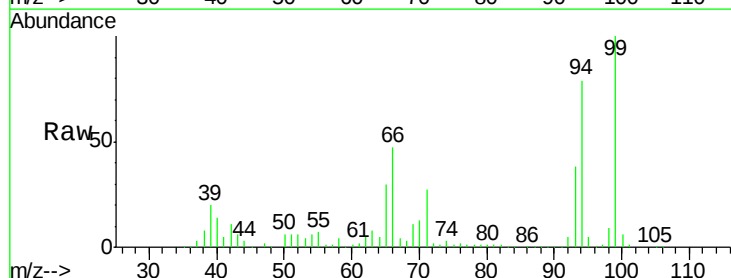
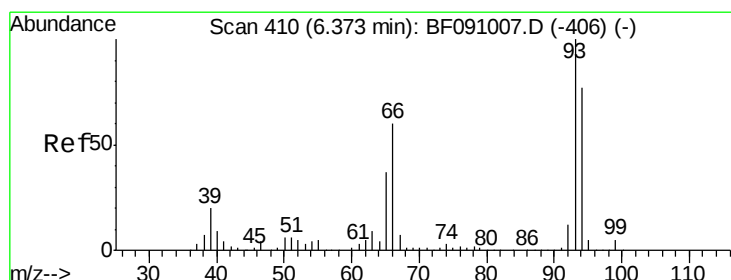
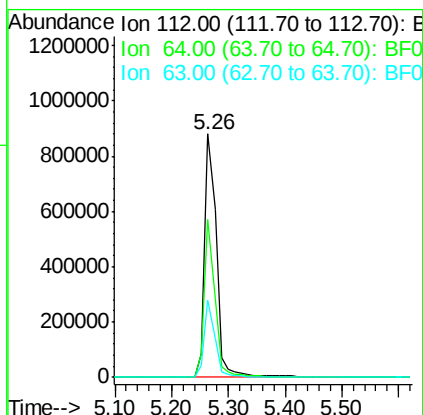
#5
2-Fluorophenol
Concen: 113.50 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.02 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.0	55.8	83.6
63	31.9	28.0	42.0

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

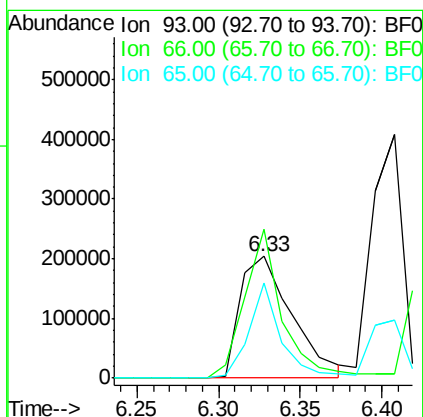
Manual Integrations
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#6
Aniline
Concen: 26.17 ng
RT: 6.33 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	122.8	48.2	72.2#
65	78.5	29.4	44.0#





#7

Phenol-d6

Concen: 100.88 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tot Ion: 99 Resp: 1472687

Ion Ratio Lower Upper

99 100

42 15.6 13.9 20.9

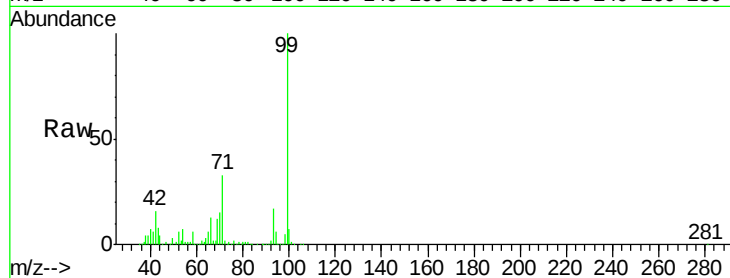
71 32.6 27.8 41.8

Manual Integrations

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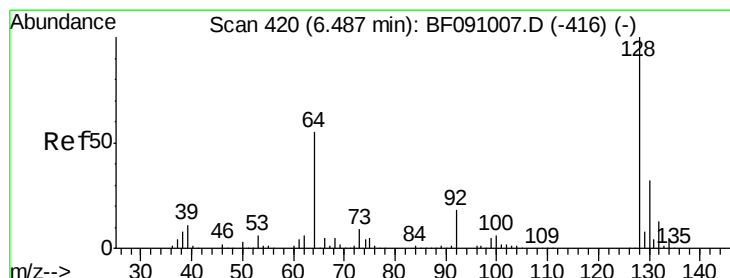
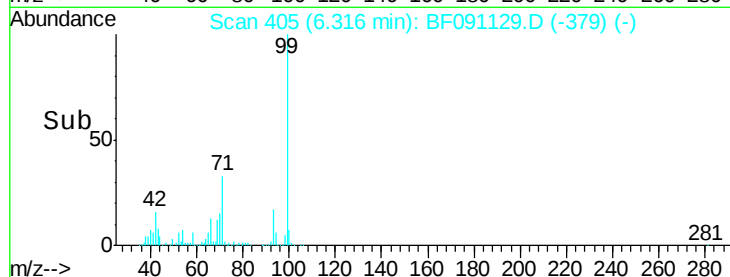
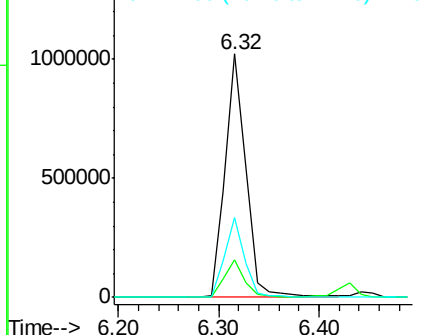
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.31 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

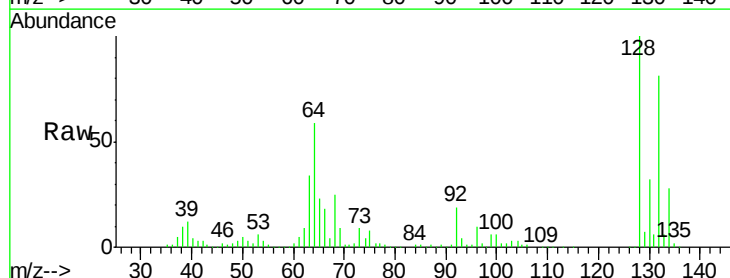
Tgt Ion: 128 Resp: 504263

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

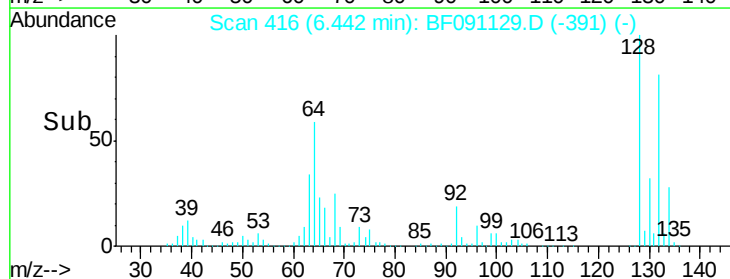
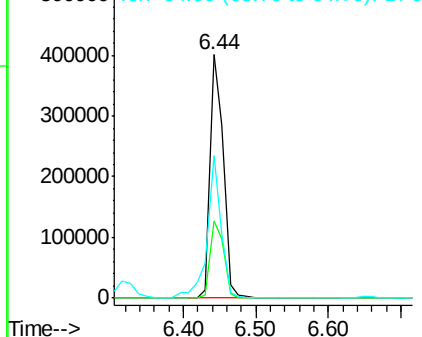
64 58.8 37.2 77.2

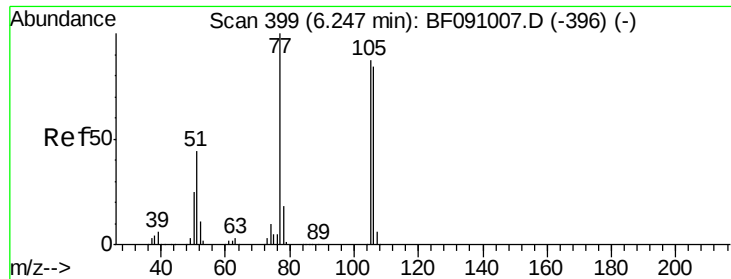


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





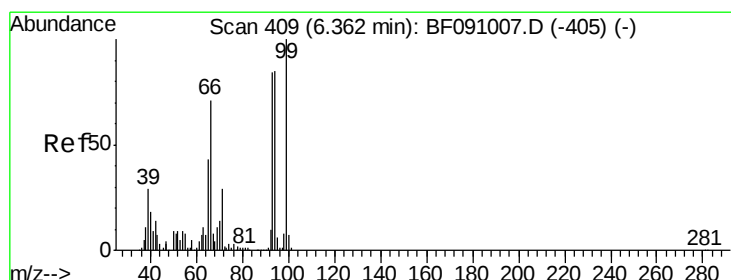
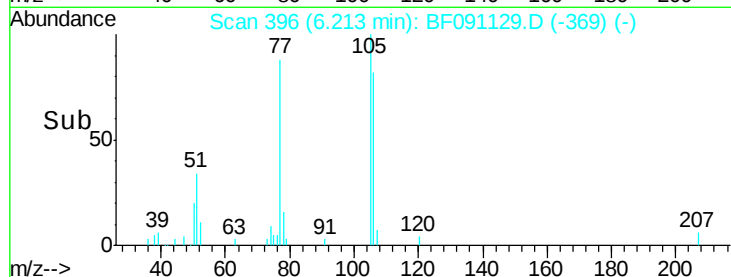
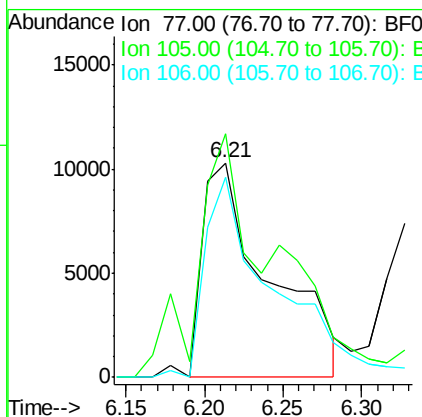
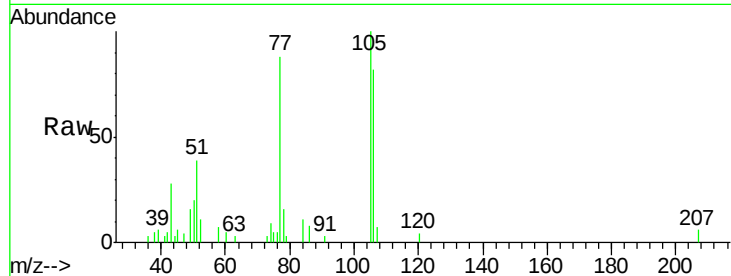
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Benzaldehyde
Concen: 3.79 ng/ml
RT: 6.21 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	113.6	66.8	106.8#
106	93.2	64.0	104.0

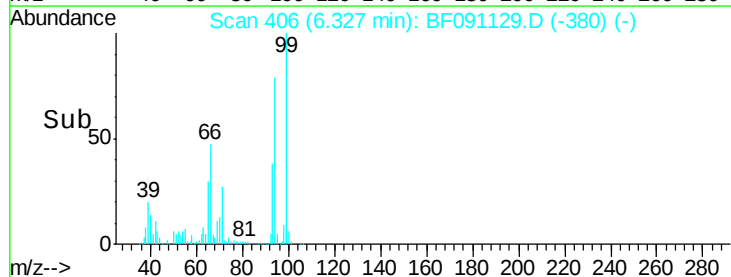
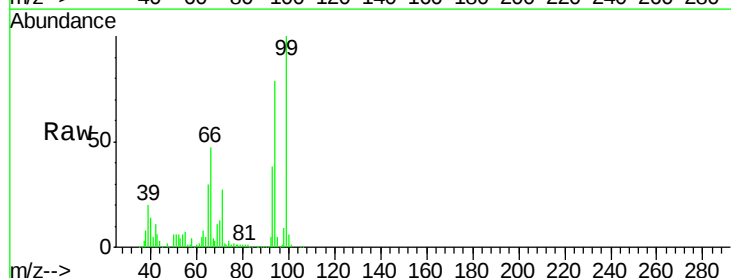
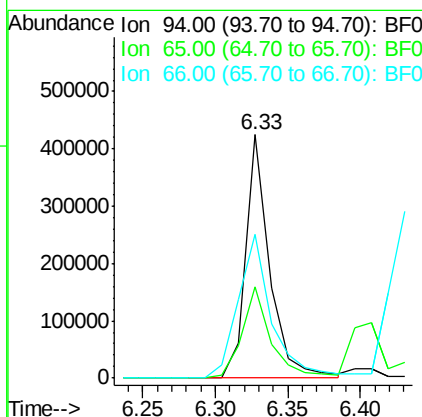
Manual Integrations
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#10
Phenol
Concen: 30.22 ng
RT: 6.33 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.7	30.4	70.4
66	59.0	62.9	102.9#





#11

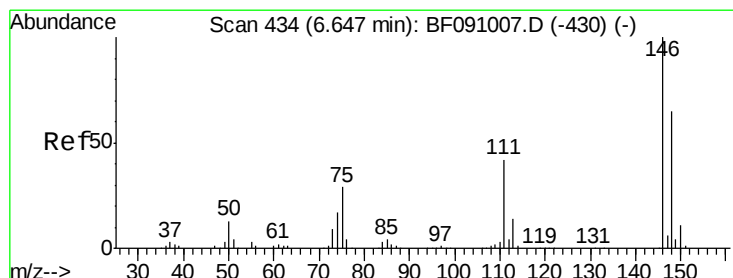
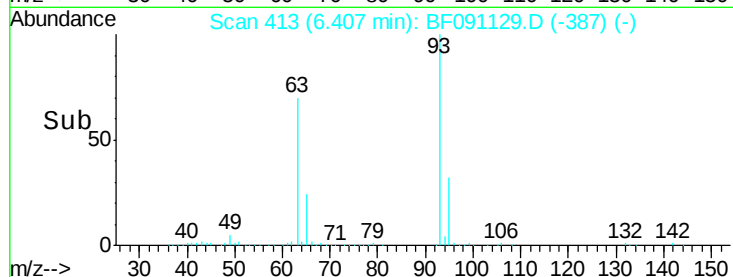
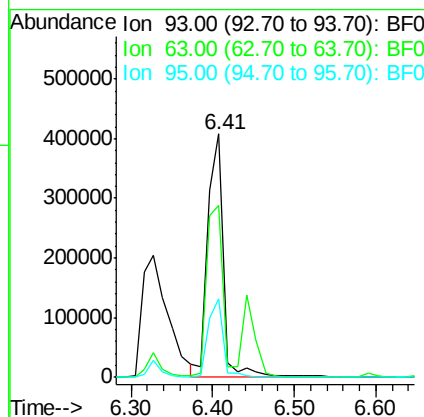
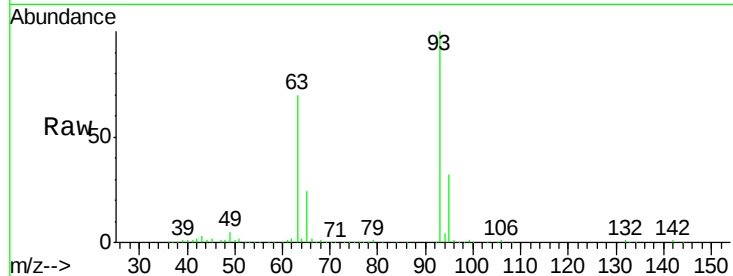
bis(2-Chloroethyl)ether
Concen: 40.46 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	68.9	108.9
95	32.4	12.3	52.3

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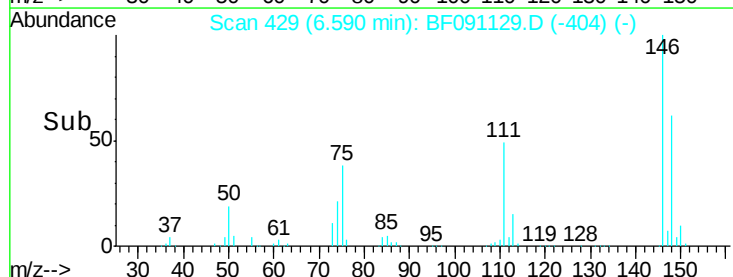
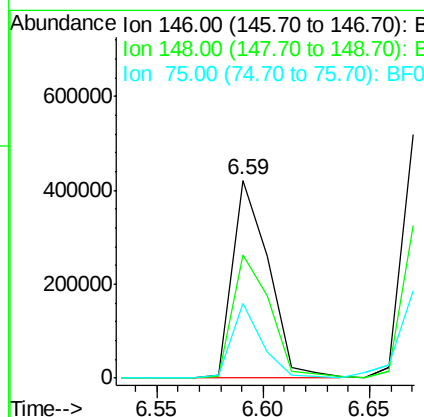
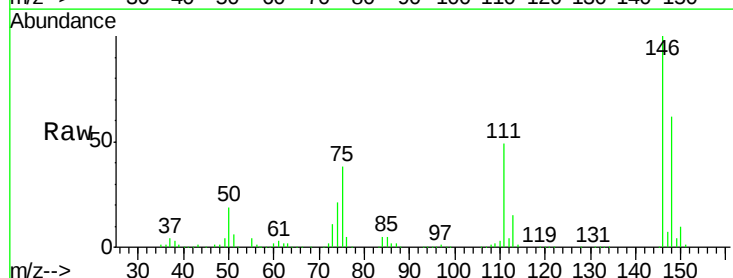
Sohil
11/10/2016 12:41:45 PM



#12

1,3-Dichlorobenzene
Concen: 38.41 ng m
RT: 6.59 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
75	37.9	23.0	34.6#





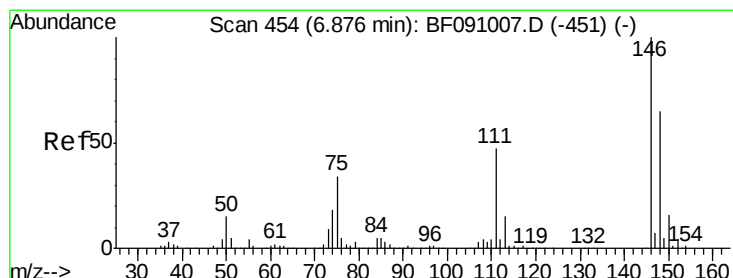
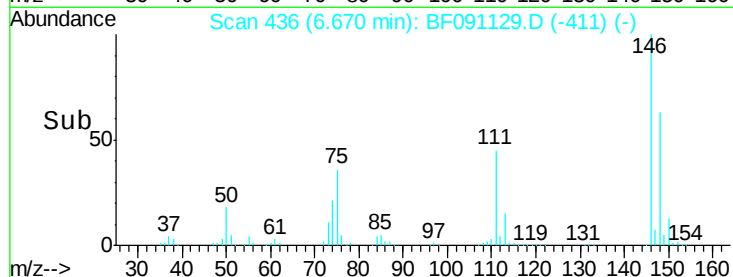
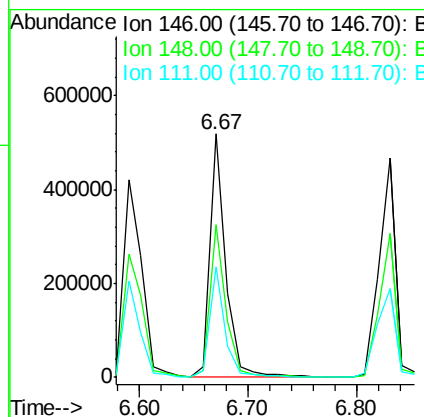
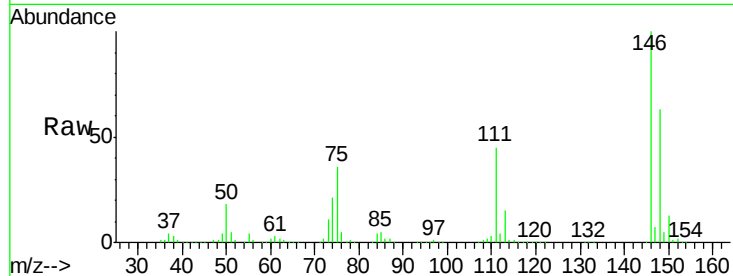
#13
 1,4-Dichlorobenzene
 Concen: 38.10 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
111	45.4	31.6	47.4

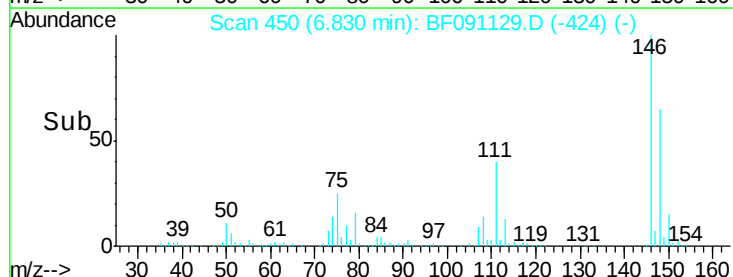
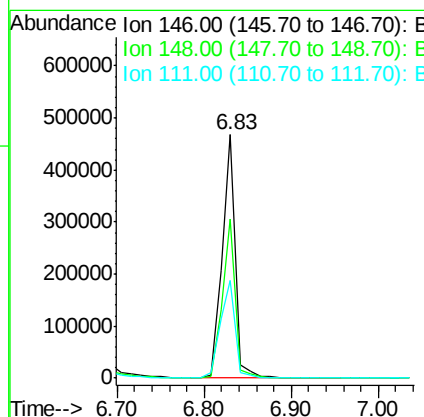
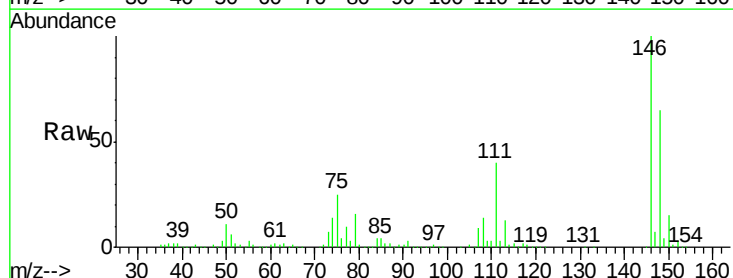
Manual Integrations
 APPROVED

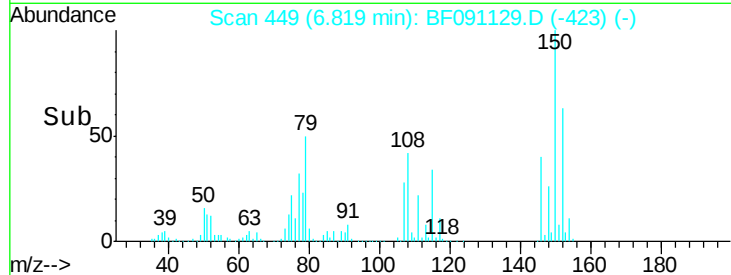
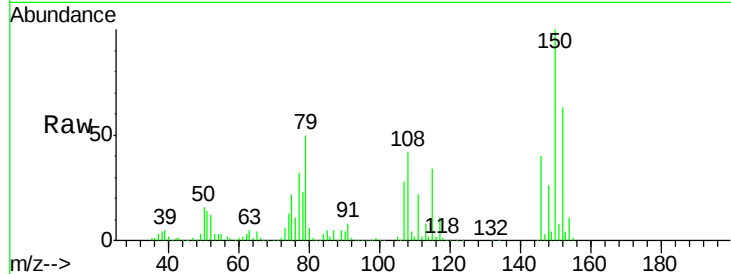
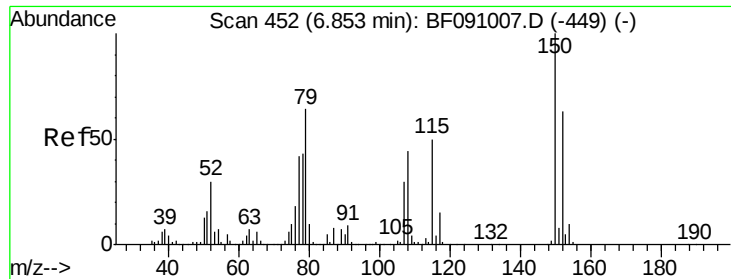
Sohil
 11/10/2016 12:41:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.98 ng
 RT: 6.83 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	40.1	37.3	55.9





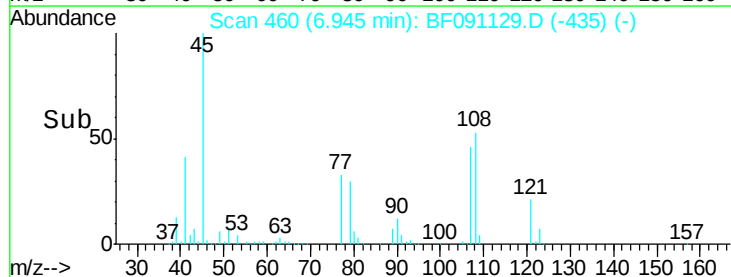
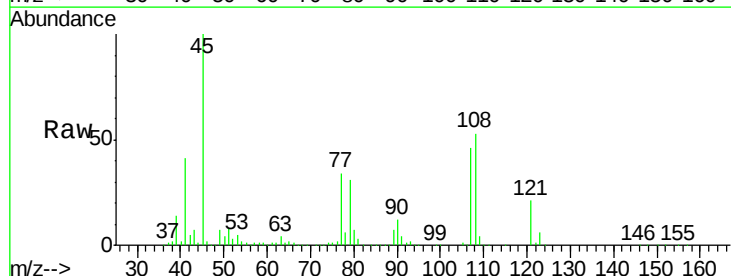
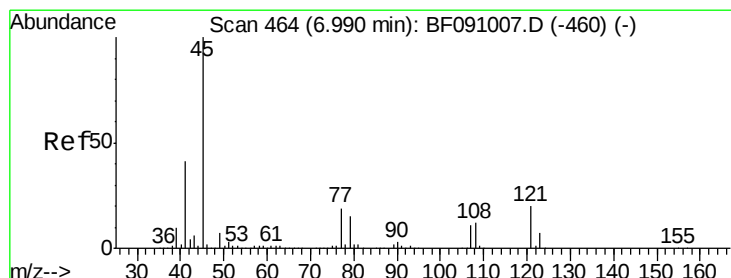
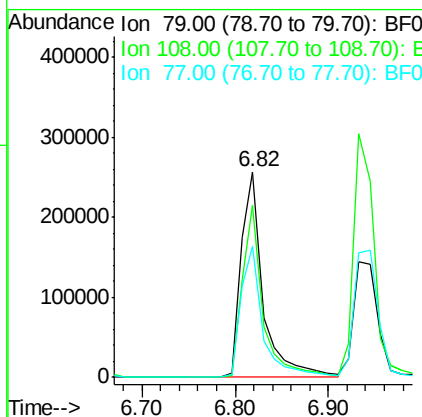
#15
Benzyl Alcohol
Concen: 41.07 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	83.5	55.7	83.5	
77	63.7	52.6	79.0	

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

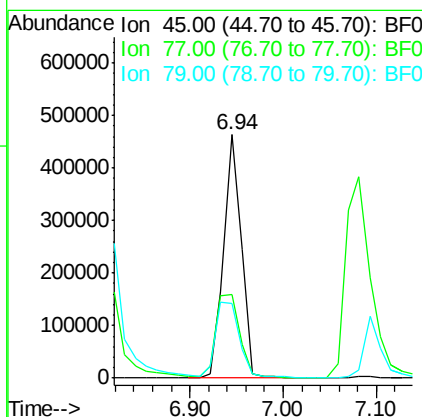
Manual Integrations
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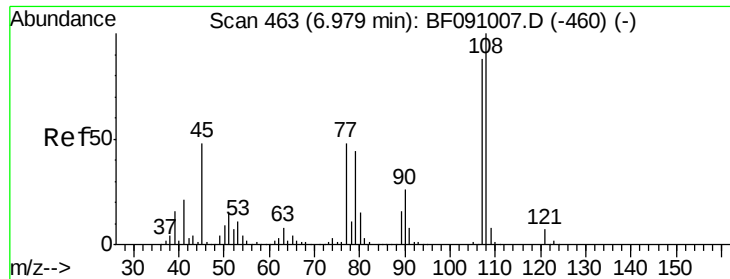
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.38 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	34.4	0.0	39.6	
79	30.6	0.0	35.9	





#17

2-Methylphenol

Concen: 39.39 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

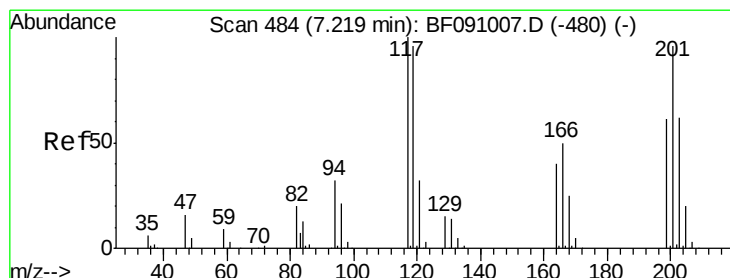
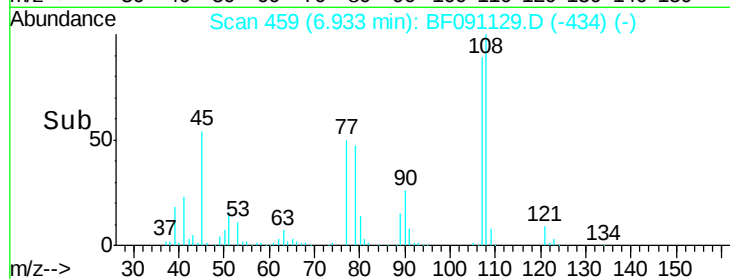
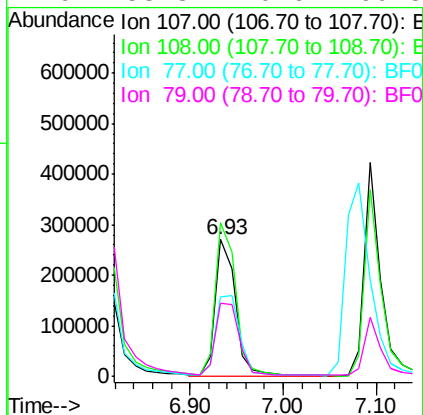
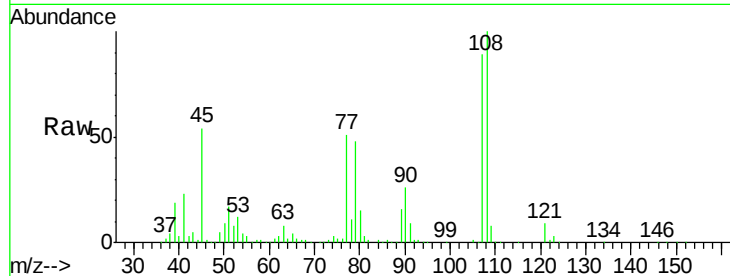
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:	107	Resp:	399991
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.0	136.6
77	57.9	43.8	65.8
79	53.8	40.6	60.8

Manual Integrations
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#18

Hexachloroethane

Concen: 36.41 ng

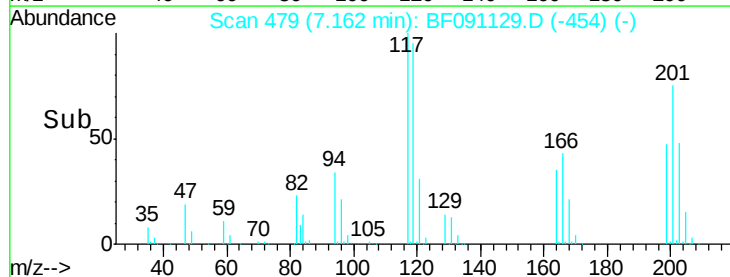
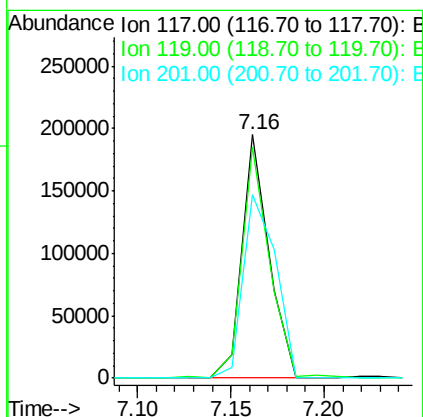
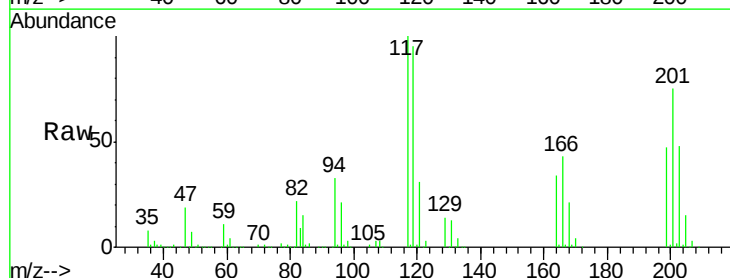
RT: 7.16 min Scan# 479

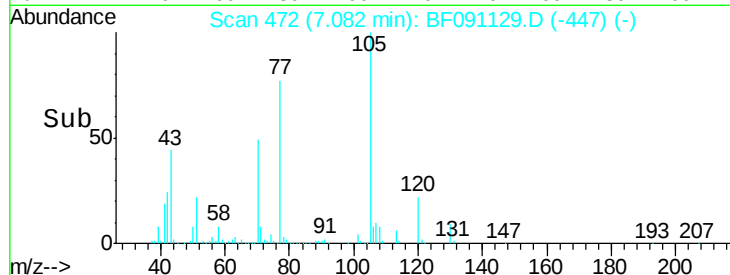
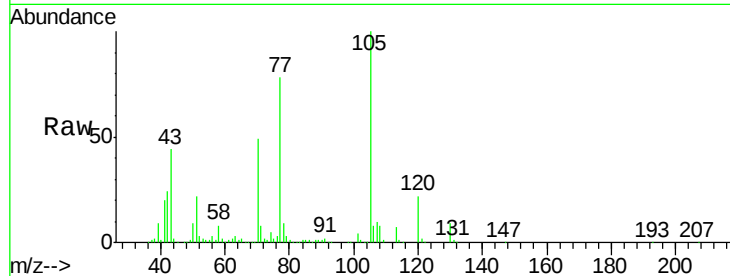
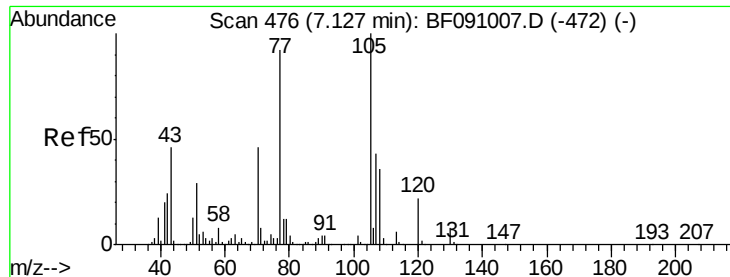
Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:	117	Resp:	196138
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.6	115.0
201	75.3	77.1	115.7#





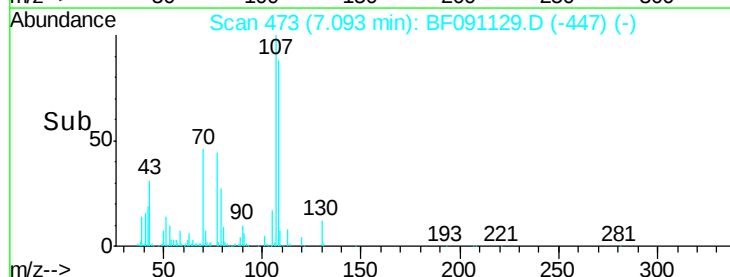
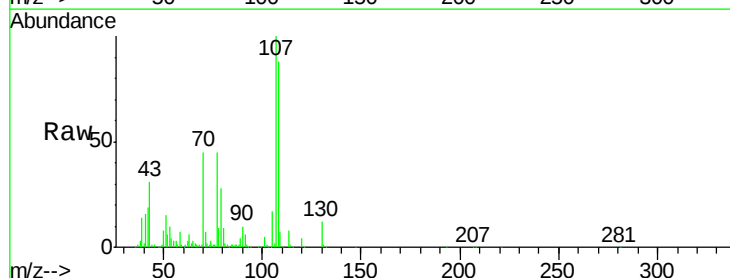
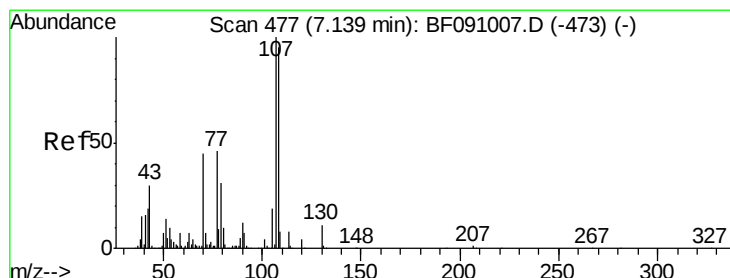
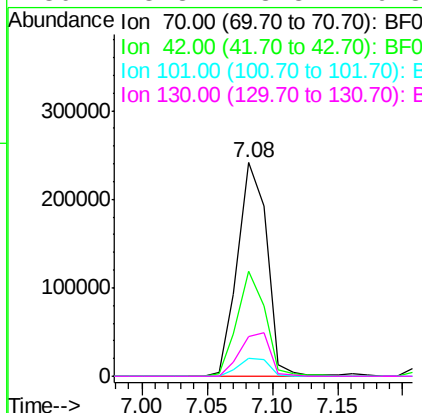
#19
n-Nitroso-di-n-propylamine
Concen: 37.34 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.4	41.7	62.5	
101	8.5	6.7	10.1	
130	18.3	13.8	20.8	

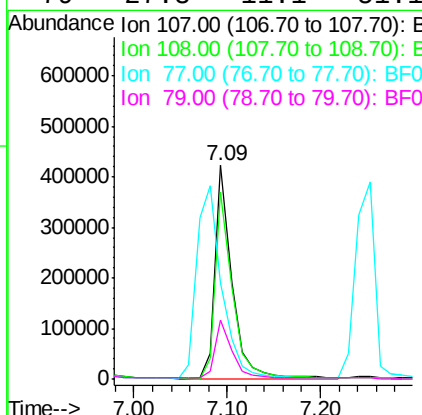
Manual Integrations
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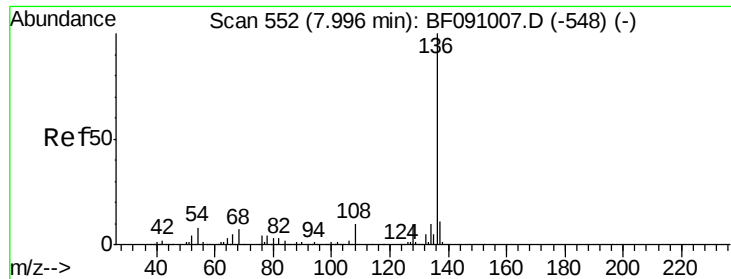
Sohil
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#20
3+4-Methylphenols
Concen: 43.32 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	75.5	115.5	
77	45.1	26.4	66.4	
79	27.8	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

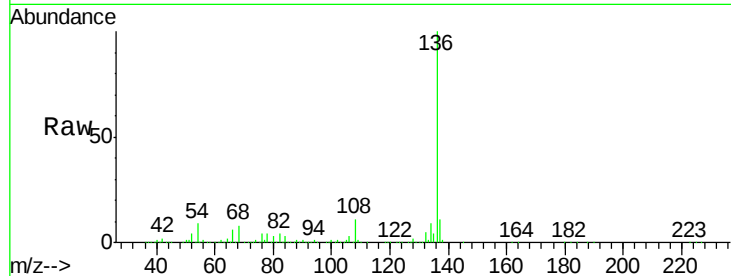
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		717113		
137	11.5		8.9	13.3	
54	8.7		6.2	9.2	
68	7.7		5.5	8.3	

Manual Integrations
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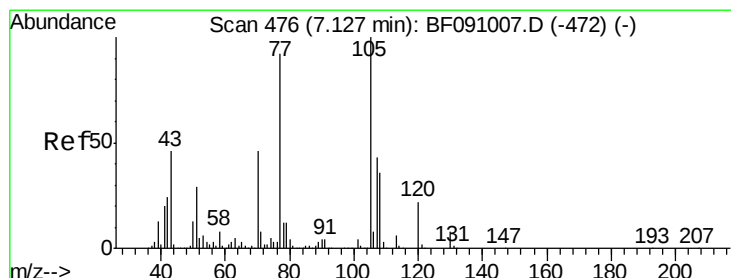
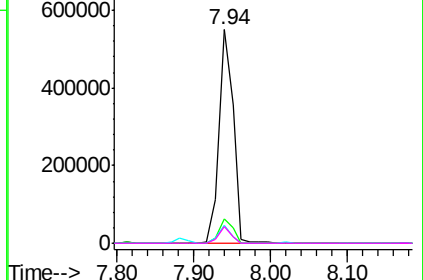
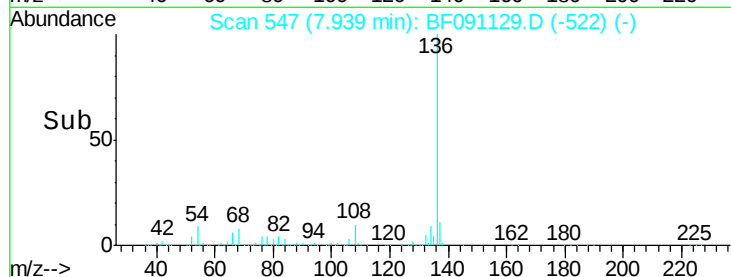


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.38 ng

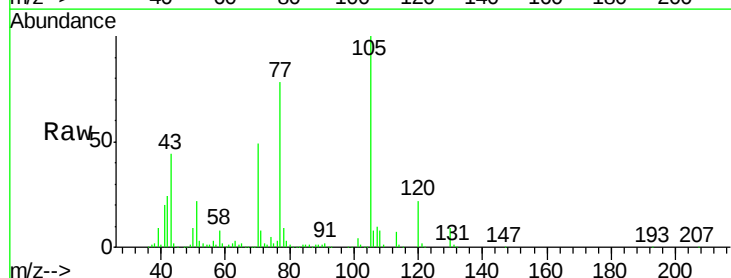
RT: 7.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		716239		
71	8.3		6.2	9.2	
51	22.1		23.3	34.9	
120	22.0		17.4	26.0	

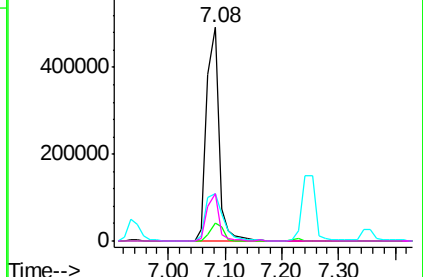
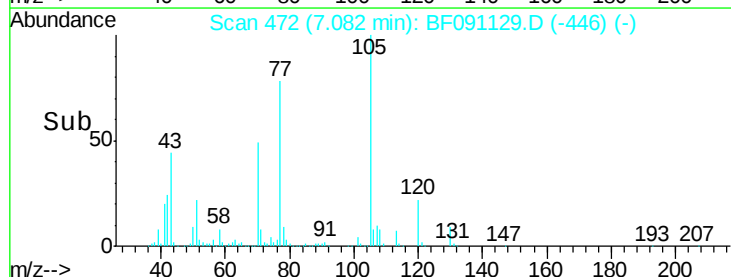


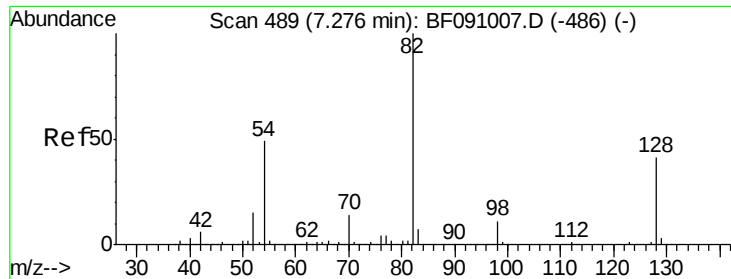
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





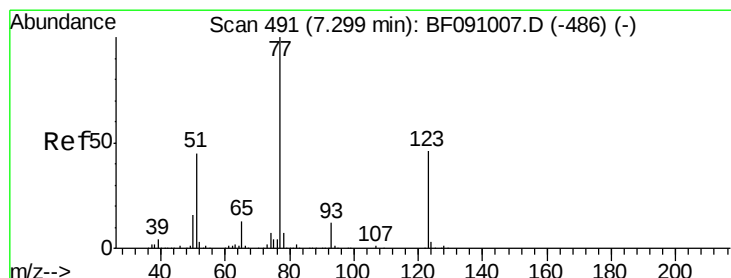
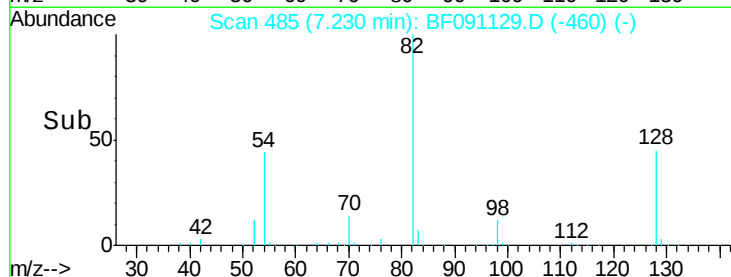
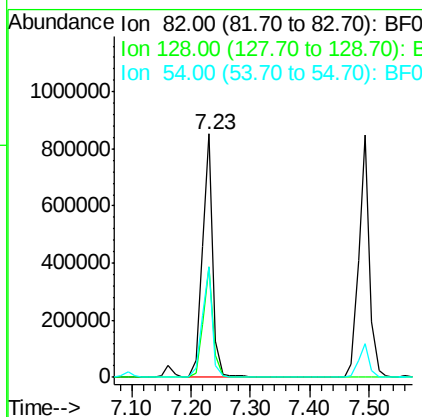
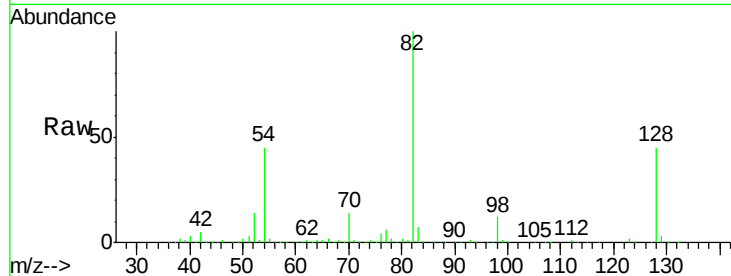
#23
Nitrobenzene-d5
Concen: 80.70 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion: 82 Resp: 1060848
Ion Ratio Lower Upper
82 100
128 45.4 32.4 48.6
54 45.2 39.2 58.8

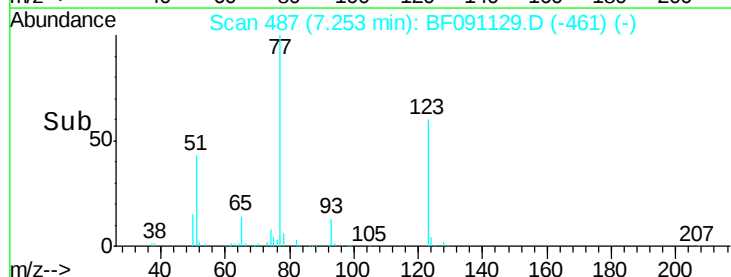
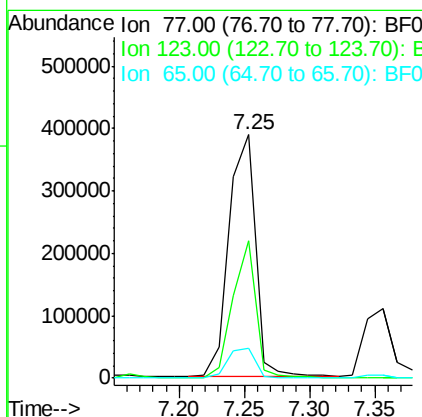
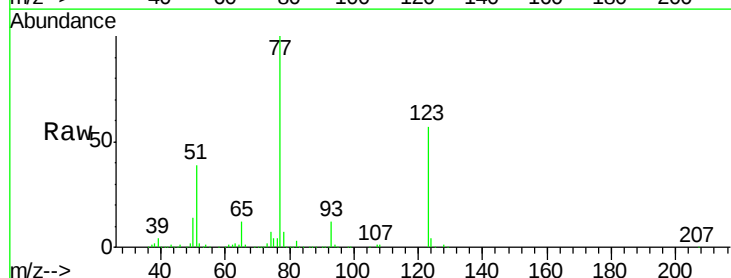
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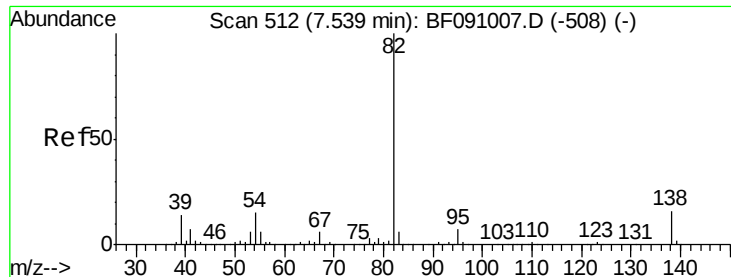
Sohil
11/10/2016 12:41:45 PM



#24
Nitrobenzene
Concen: 37.89 ng
RT: 7.25 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion: 77 Resp: 550031
Ion Ratio Lower Upper
77 100
123 56.6 36.5 54.7#
65 12.3 10.7 16.1





#25

Isophorone

Concen: 41.26 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tot Ion: 82 Resp: 1045223

Ion Ratio Lower Upper

82 100

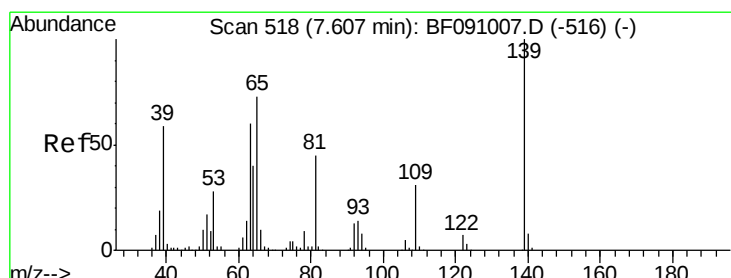
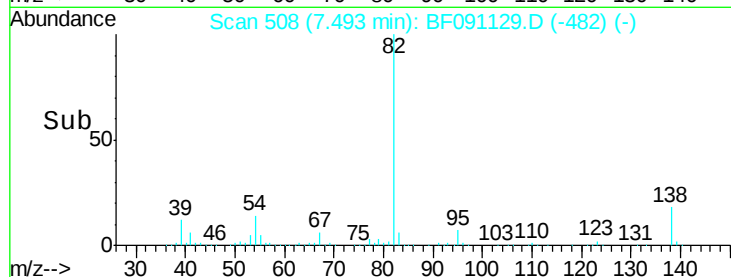
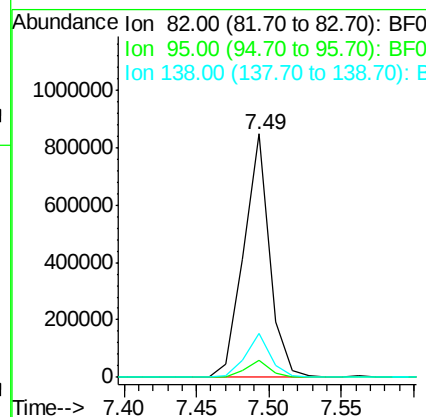
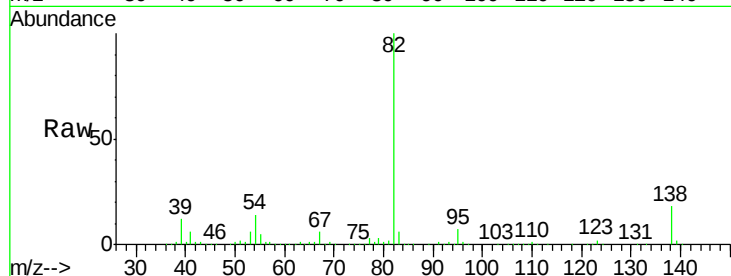
95 6.9 5.4 8.0

138 18.0 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.56 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

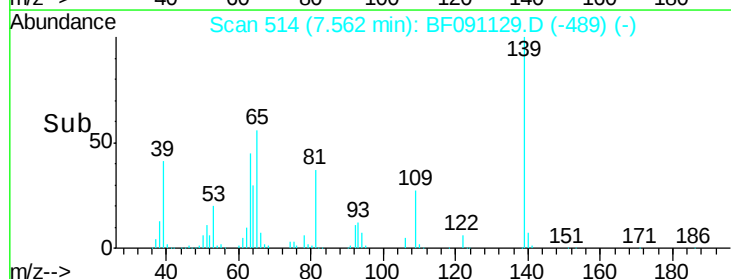
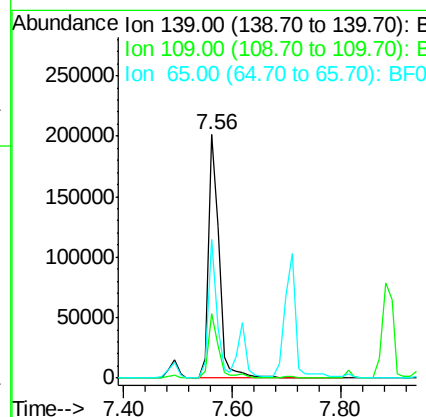
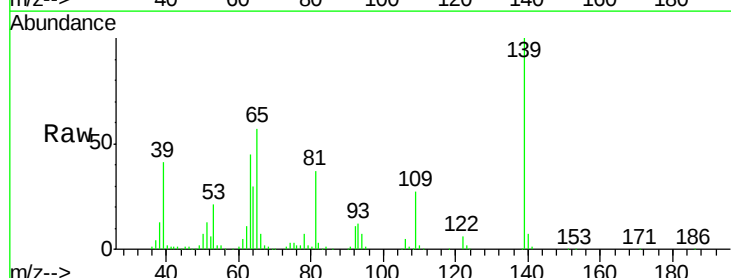
Tgt Ion: 139 Resp: 267660

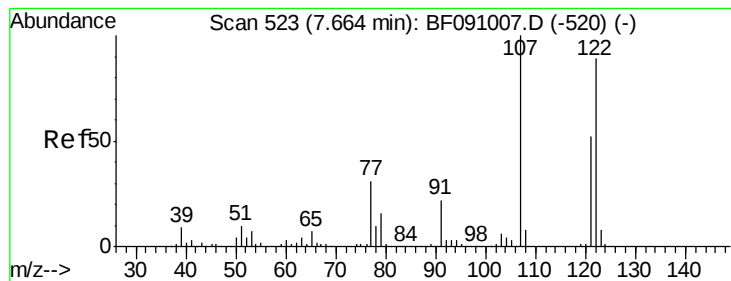
Ion Ratio Lower Upper

139 100

109 26.7 24.7 37.1

65 57.2 58.3 87.5#





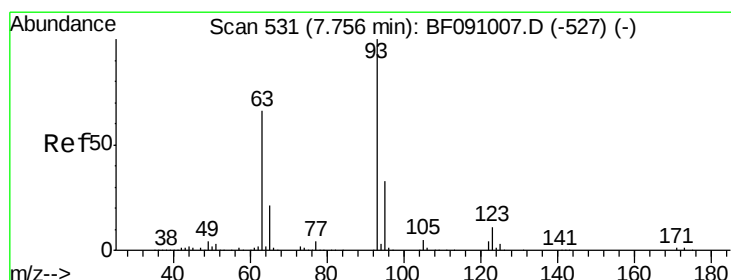
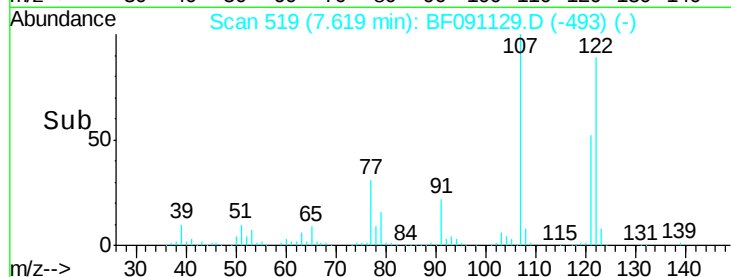
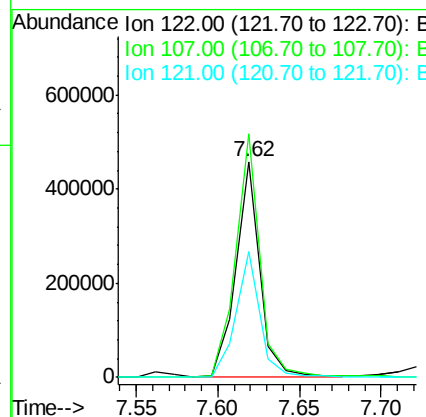
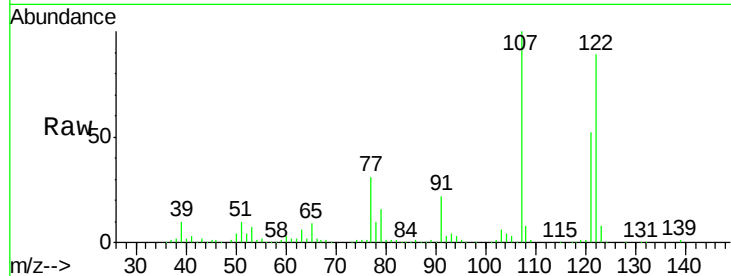
#27
2,4-Dimethylphenol
Concen: 45.38 ng
RT: 7.62 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	461128		
107	112.9	89.6	134.4	
121	58.4	46.3	69.5	

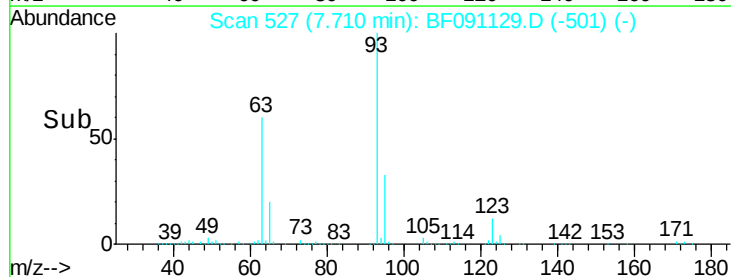
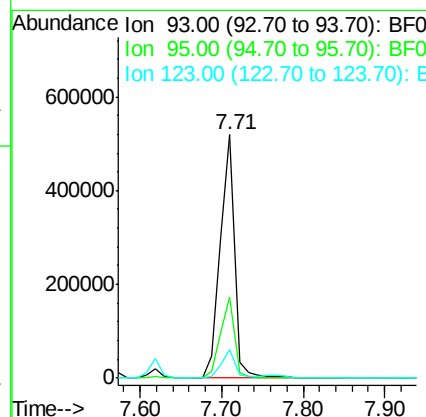
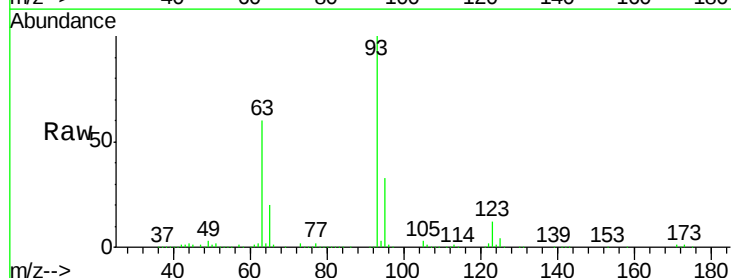
Manual Integrations
APPROVED

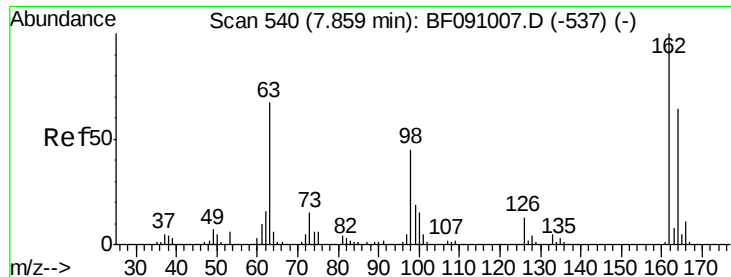
Sohil
11/10/2016 12:41:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.89 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635078		
95	33.2	26.3	39.5	
123	11.8	8.7	13.1	





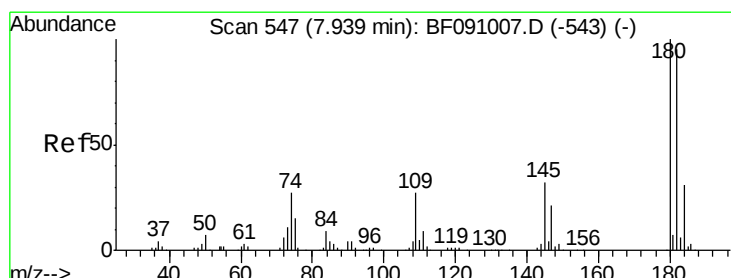
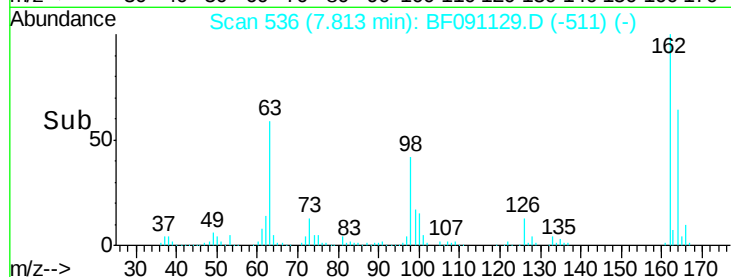
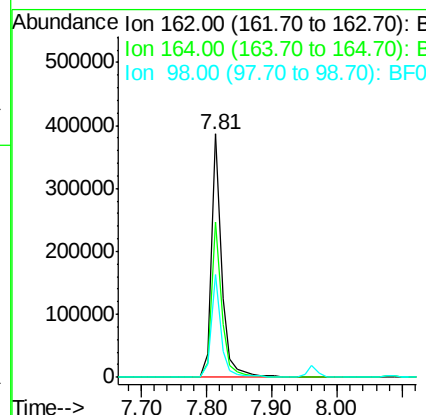
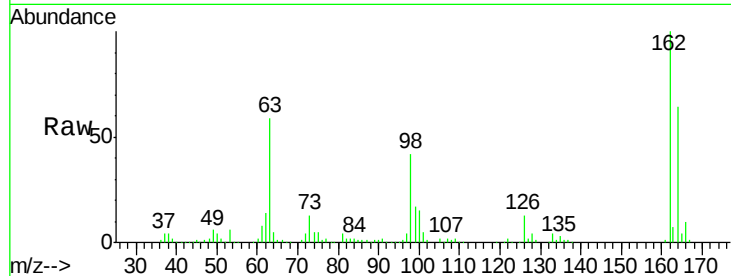
#29
2,4-Dichlorophenol
Concen: 47.82 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	424053		
164	63.8	44.4	84.4	
98	42.5	25.2	65.2	

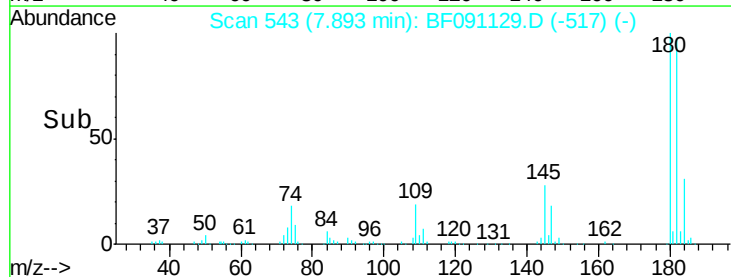
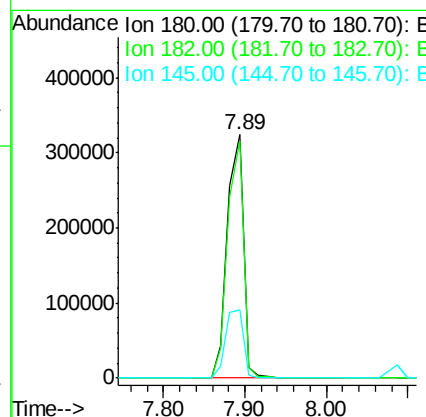
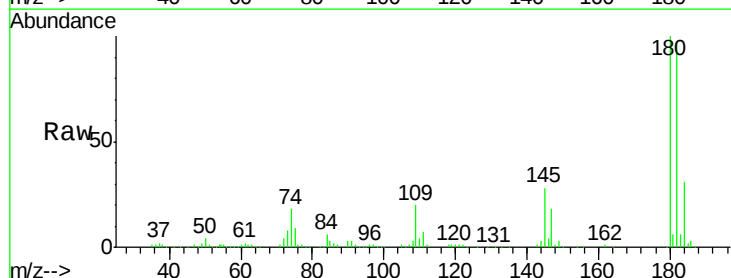
Manual Integrations
APPROVED

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11/10/2016 12:41:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.49 ng
RT: 7.89 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443603		
182	97.2	76.0	114.0	
145	28.3	25.8	38.8	





#31

Naphthalene

Concen: 43.57 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:128 Resp: 1494343

Ion Ratio Lower Upper

128 100

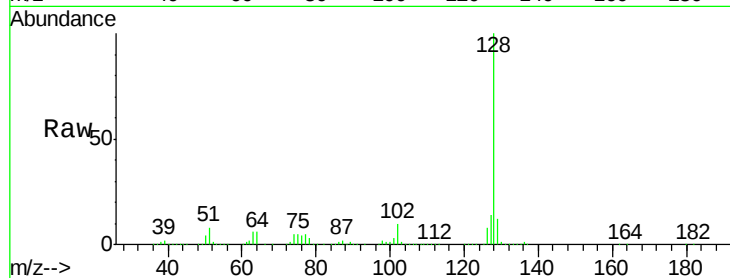
129 11.8 9.0 13.6

127 13.7 10.9 16.3

Manual Integrations
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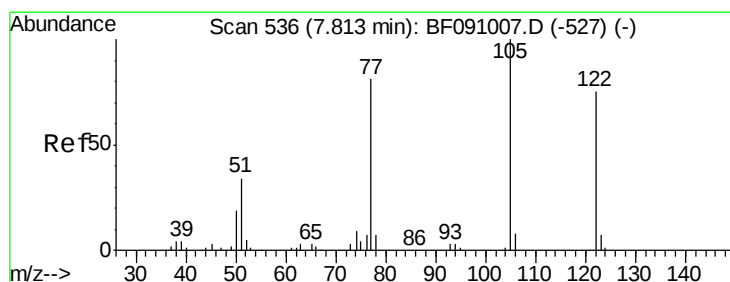
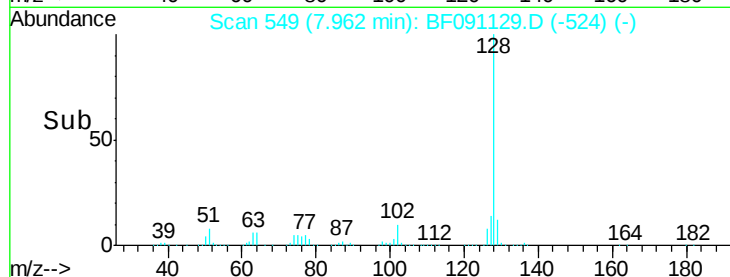
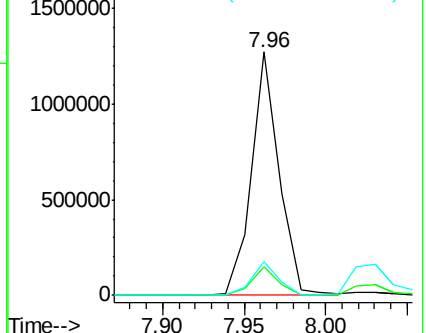
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.15 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

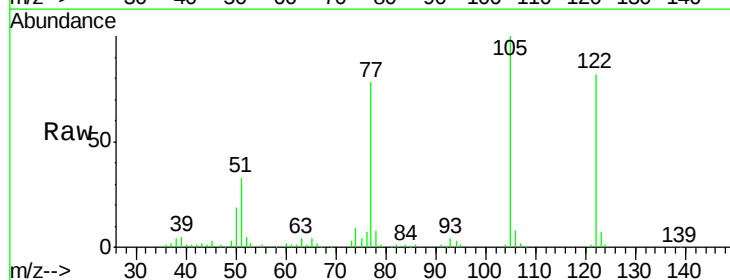
Tgt Ion:122 Resp: 213420

Ion Ratio Lower Upper

122 100

105 121.9 105.9 145.9

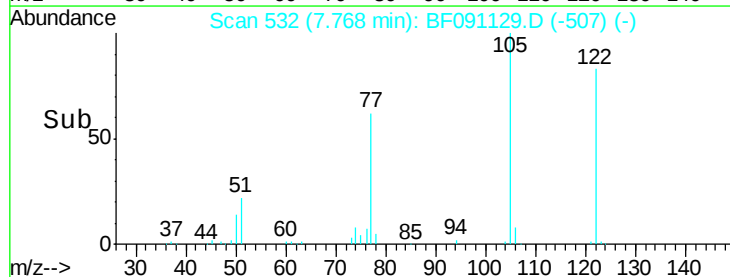
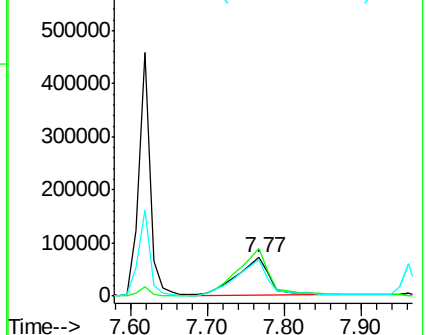
77 94.9 84.0 124.0



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





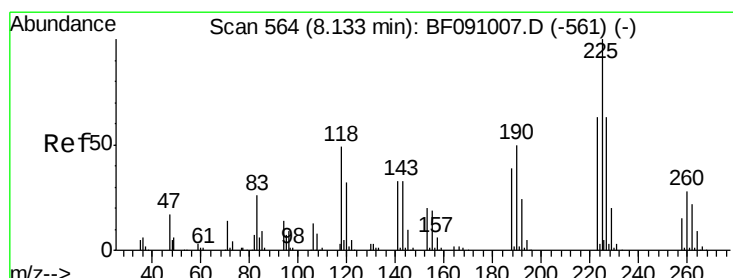
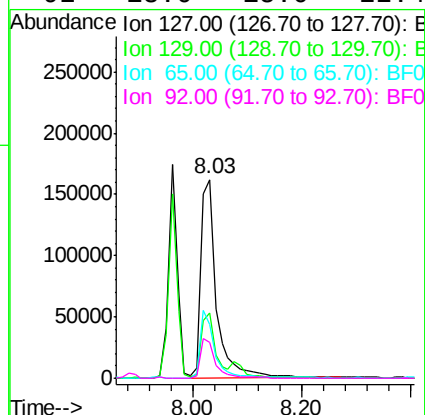
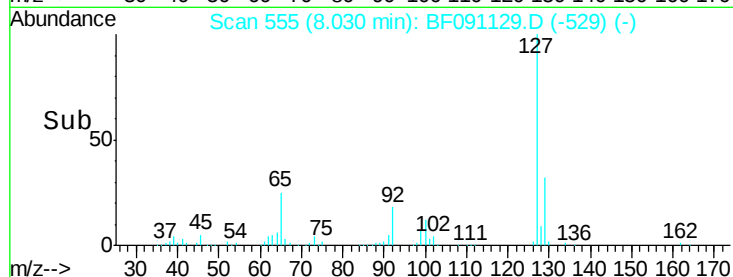
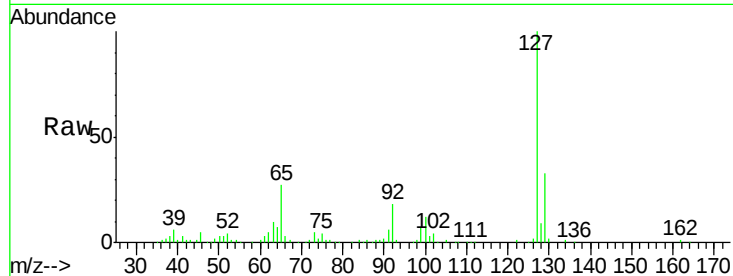
#33
4-Chloroaniline
Concen: 22.47 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	27.3	22.2	33.2
92	18.0	15.0	22.4

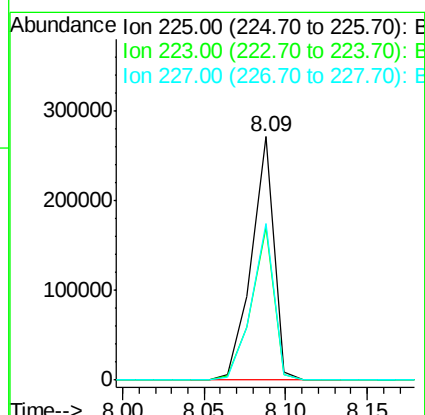
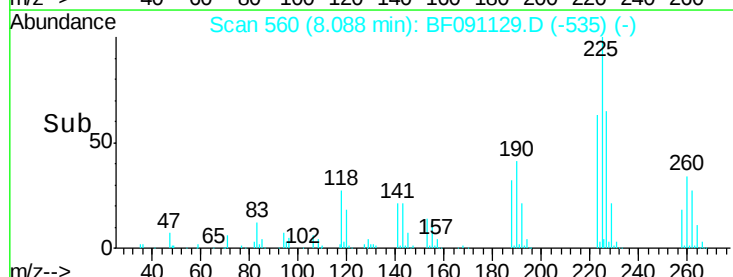
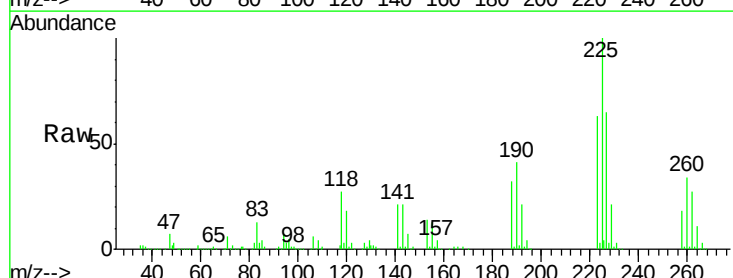
Manual Integrations
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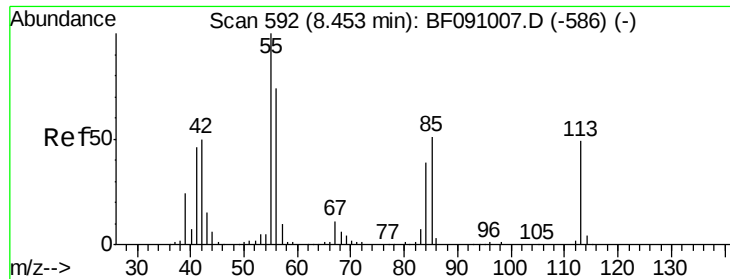
Sohil
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#34
Hexachlorobutadiene
Concen: 48.46 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	64.6	50.1	75.1





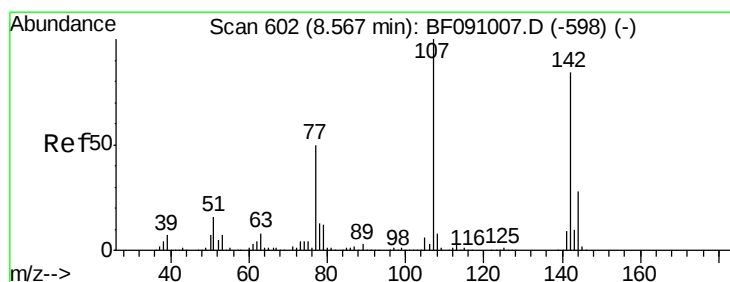
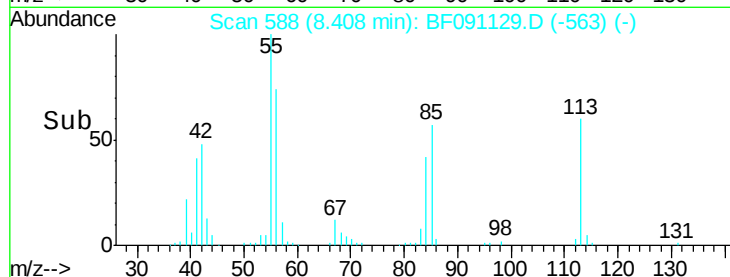
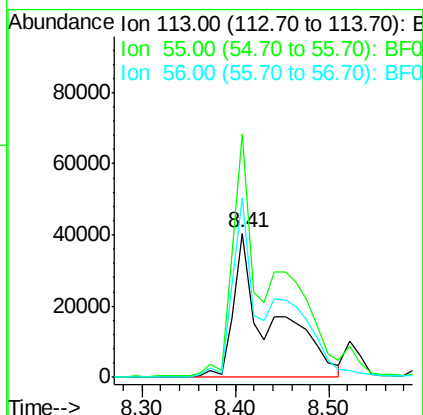
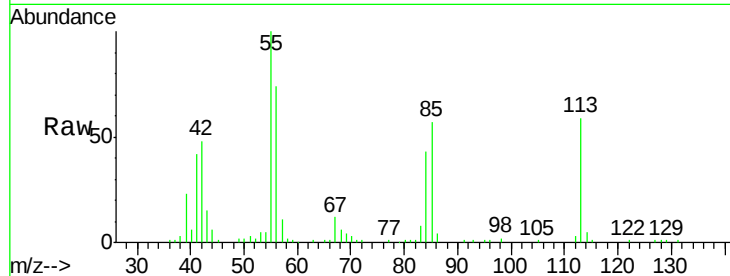
#35
 Caprolactam
 Concen: 40.73 ng/ml
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.8	184.1	224.1#
56	124.9	132.0	172.0#

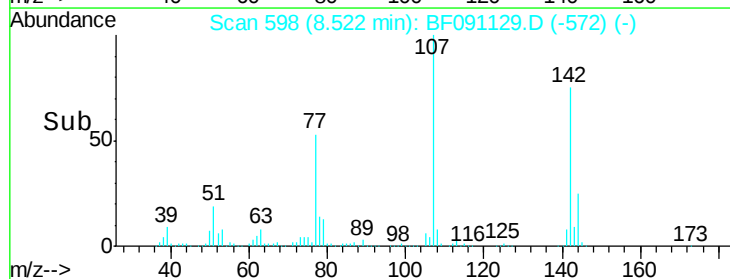
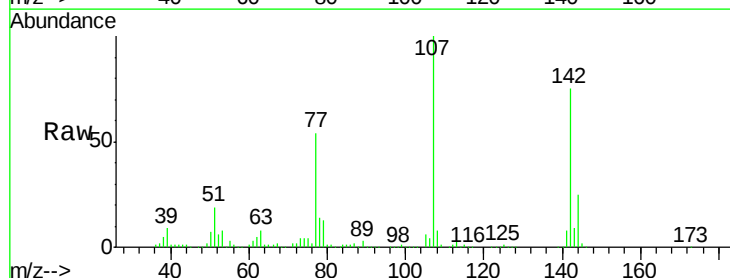
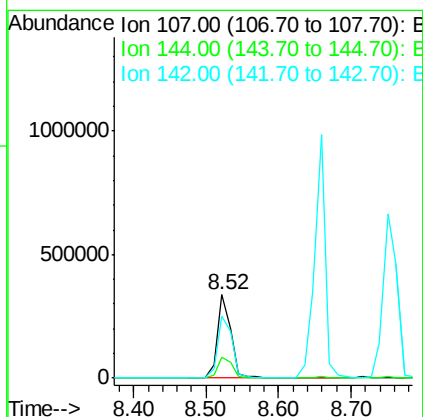
Manual Integrations
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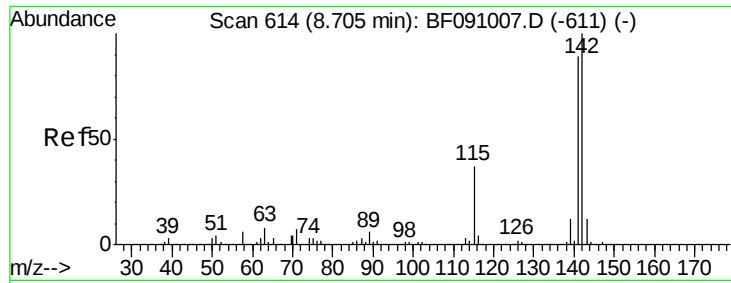
Sohil
 11/10/2016 12:41:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.19 ng/ml
 RT: 8.52 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	22.5	33.7
142	75.0	67.4	101.2





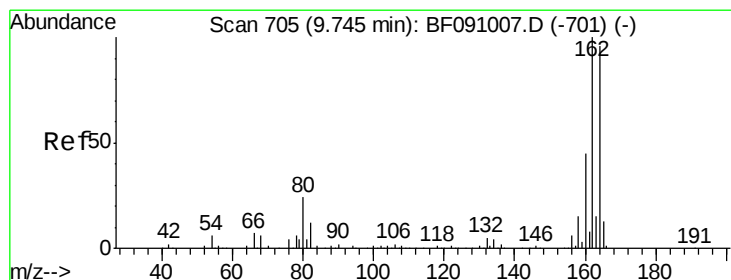
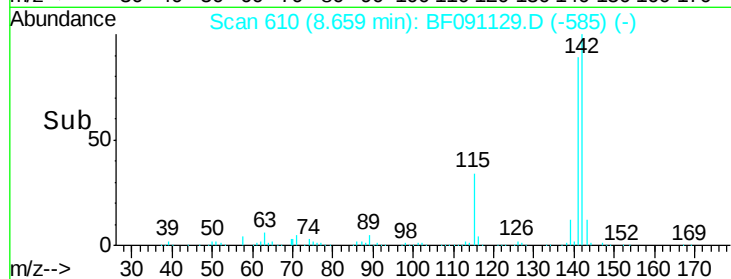
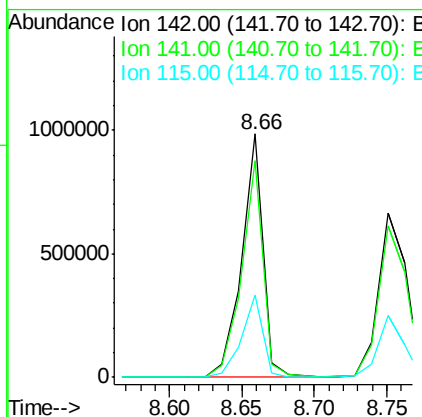
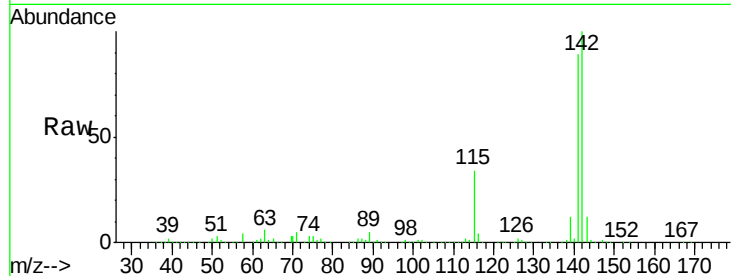
#37
2-Methylnaphthalene
Concen: 45.71 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion:142 Resp: 1007805
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 33.8 29.9 44.9

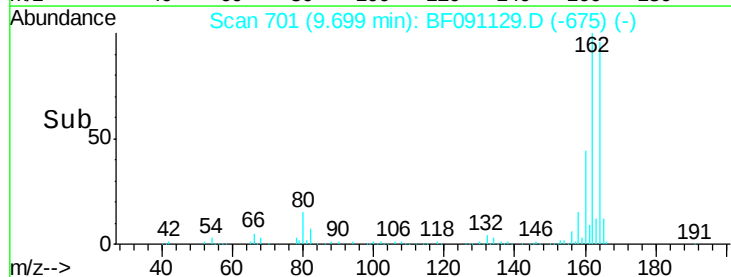
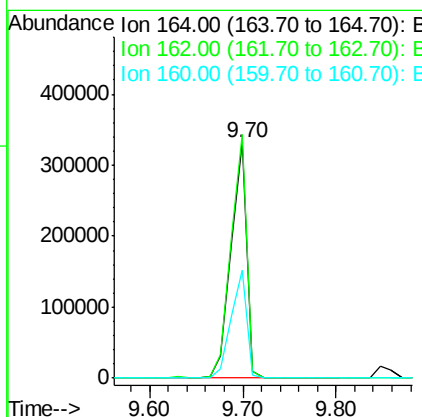
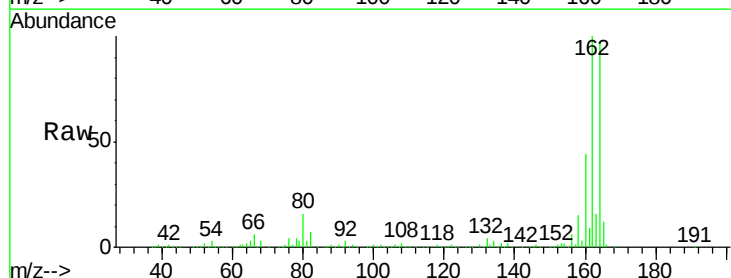
Manual Integrations
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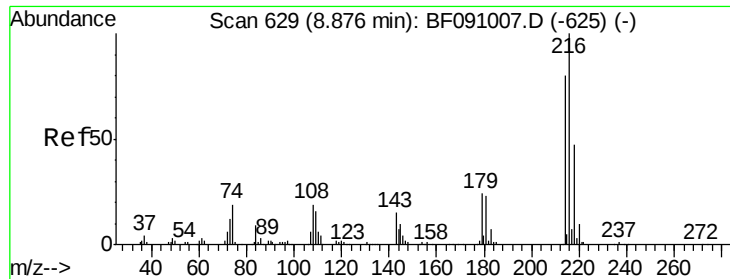
Sohil
11/10/2016 12:41:45 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:164 Resp: 394364
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 45.9 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.11 ng

RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

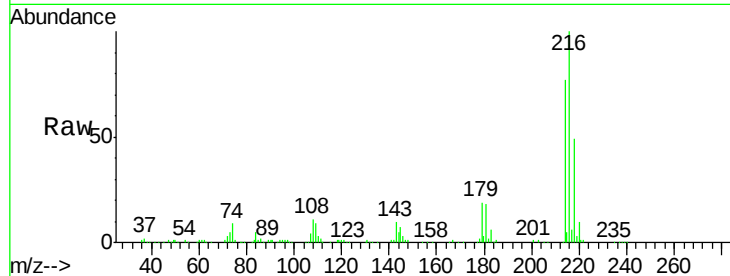
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		443515		
214	78.2		63.5	95.3	
179	21.6		19.1	28.7	
108	20.3		17.5	26.3	

Manual Integrations
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11/10/2016 12:41:45 PM

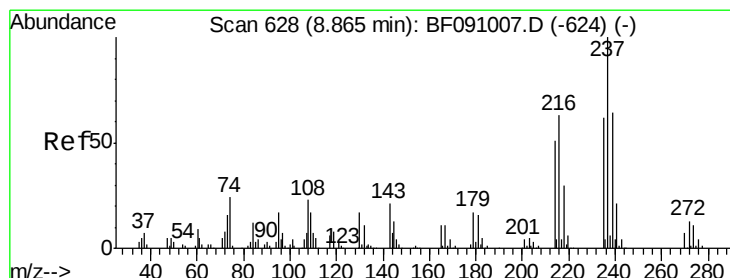
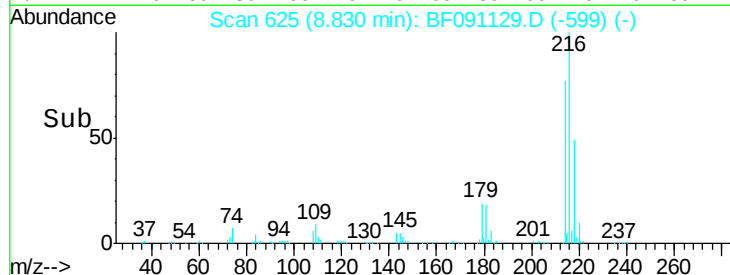
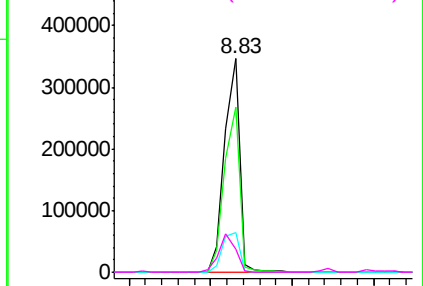


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.48 ng

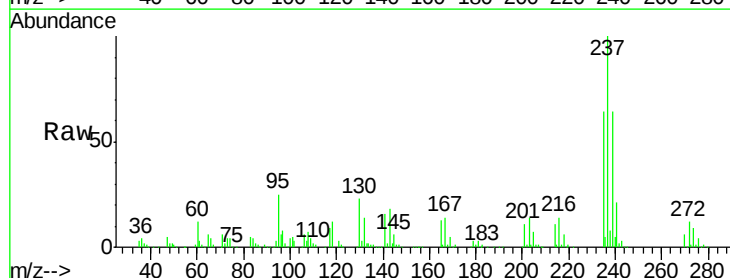
RT: 8.81 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

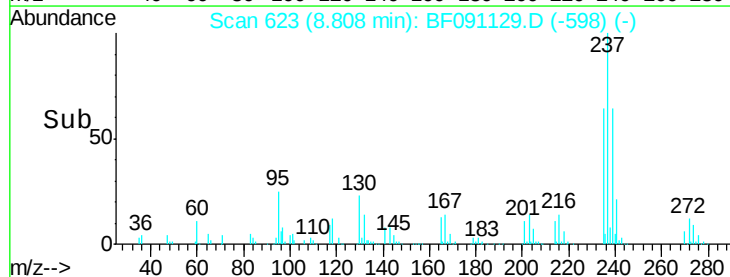
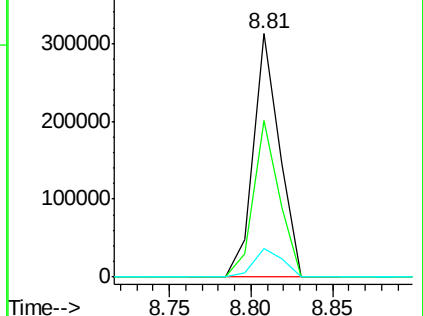
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		348153		
235	64.4		42.1	82.1	
272	11.9		0.0	33.1	

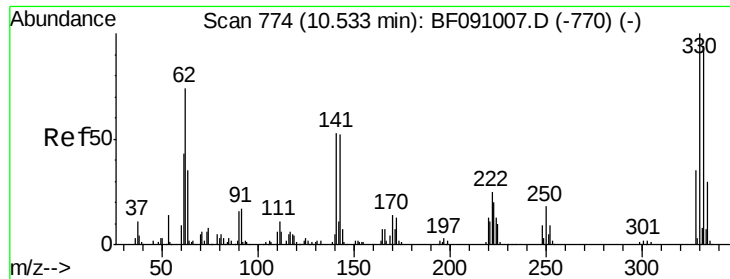


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





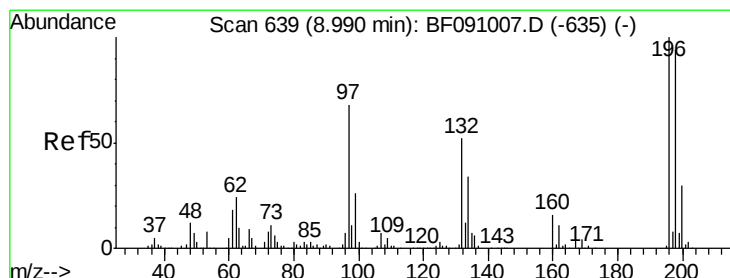
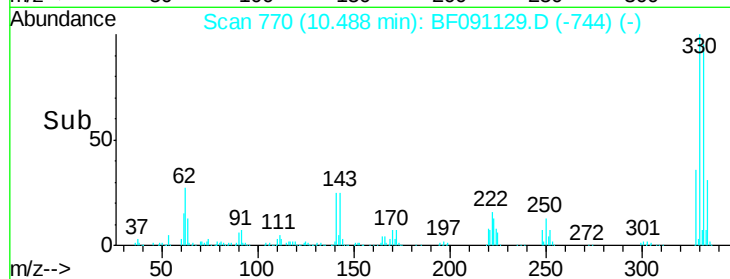
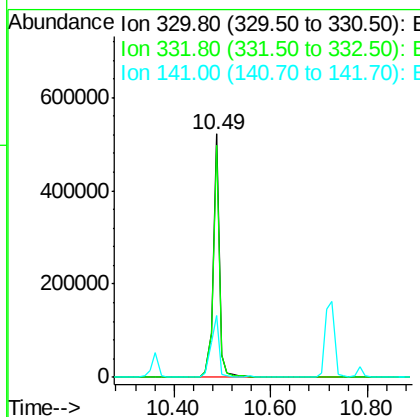
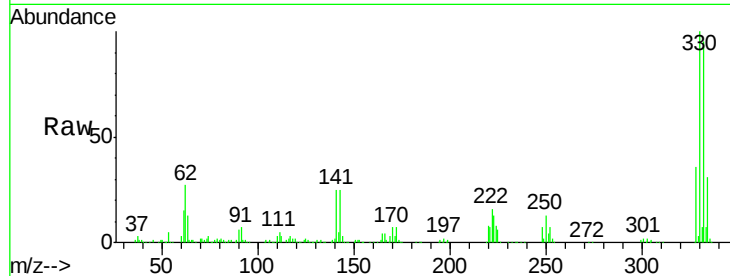
#41
 2,4,6-Tribromophenol
 Concen: 137.08 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	75.9	113.9	
141	31.9	36.1	54.1#	

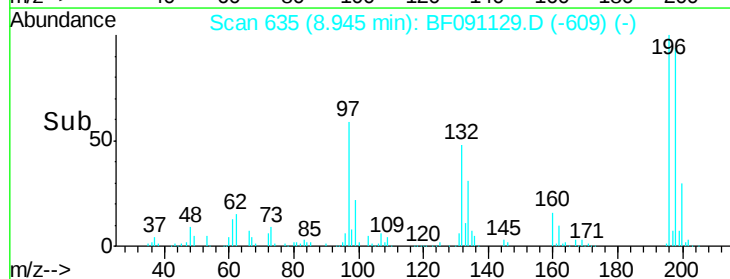
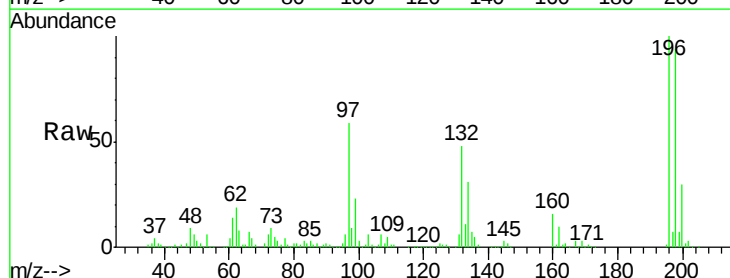
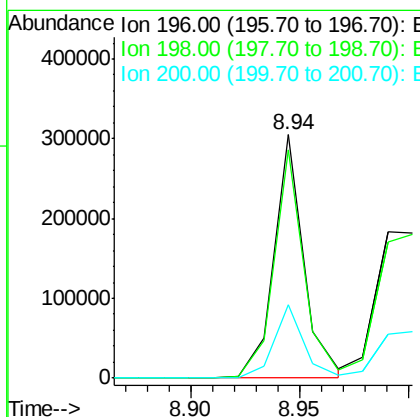
Manual Integrations
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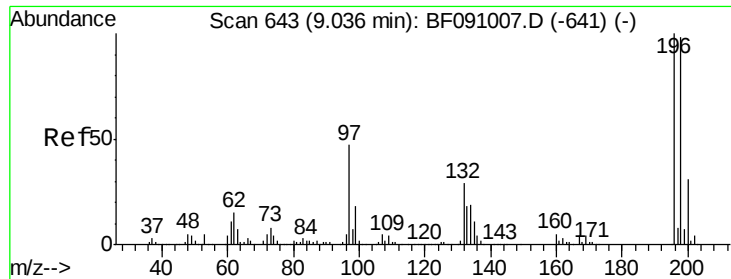
Sohil
 11/10/2016 12:41:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.27 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.8	75.4	113.0	
200	30.1	24.1	36.1	





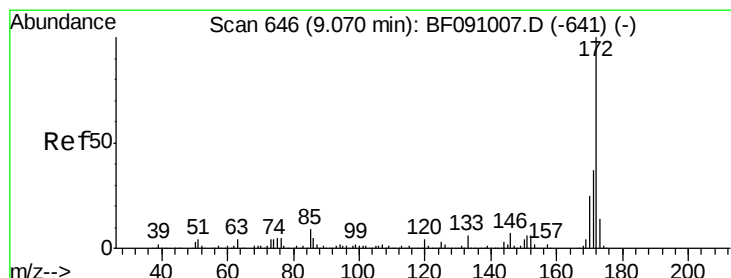
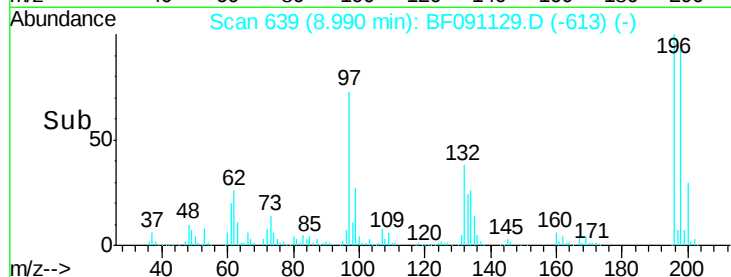
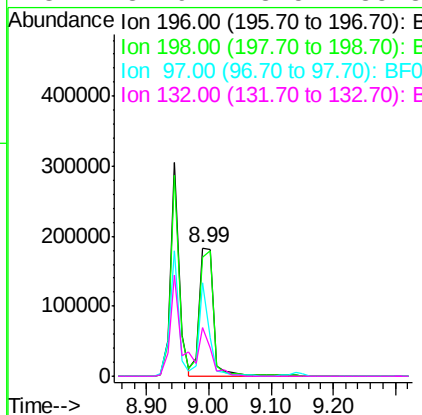
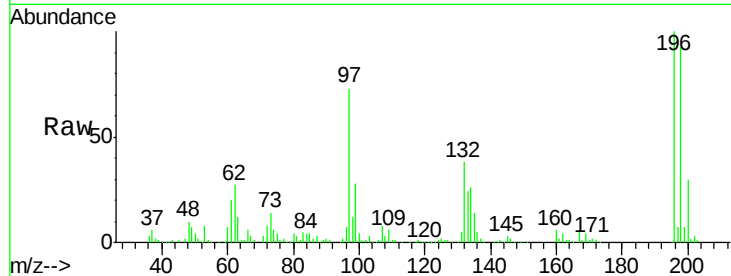
#43
 2,4,5-Trichlorophenol
 Concen: 43.10 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293713		
198	93.1	78.2	117.4	
97	72.6	38.8	58.2#	
132	37.9	23.5	35.3#	

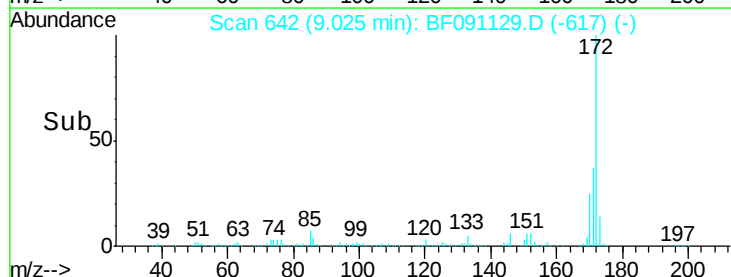
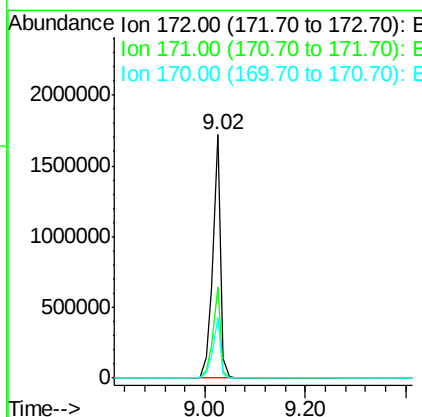
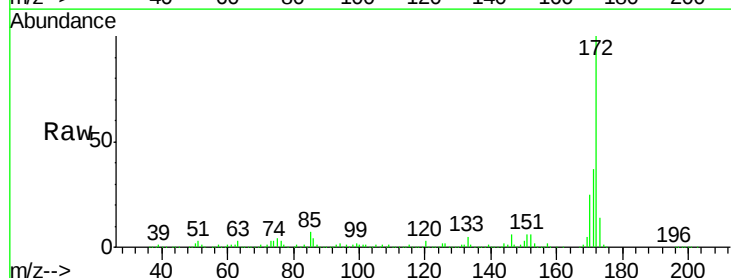
Manual Integrations
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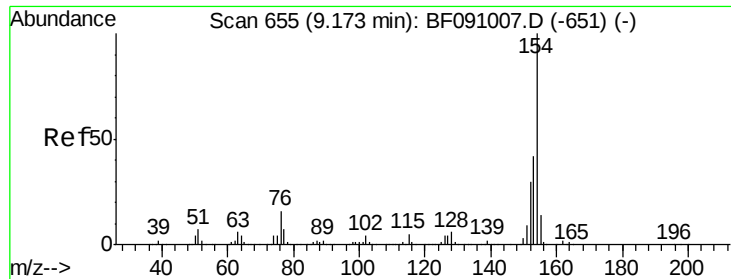
Sohil
 11/10/2016 12:41:45 PM



#44
 2-Fluorobiphenyl
 Concen: 80.22 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1837606		
171	37.3	29.8	44.6	
170	25.1	20.3	30.5	





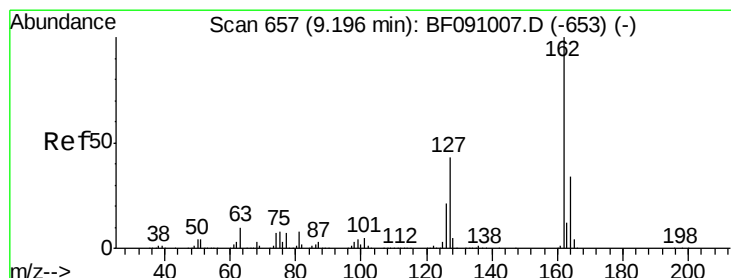
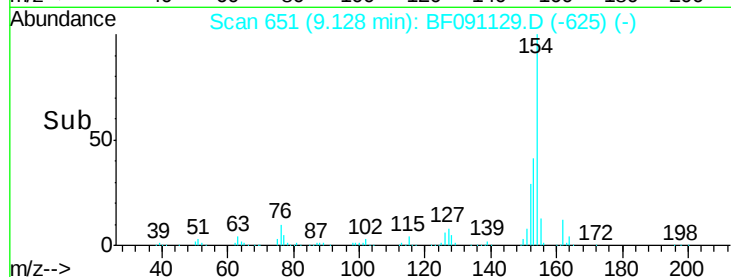
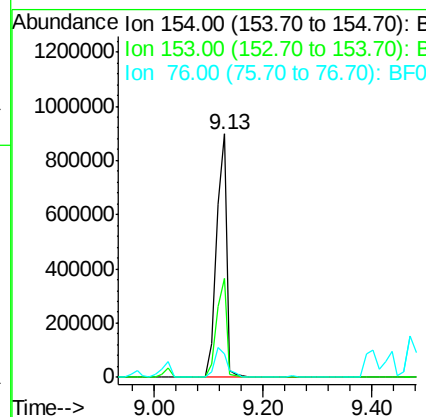
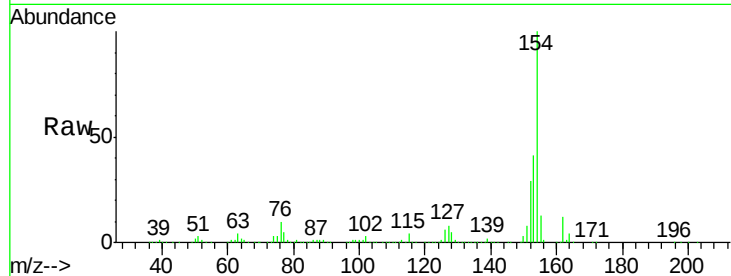
#45
 1,1'-Biphenyl
 Concen: 41.01 ng
 RT: 9.13 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion:154 Resp: 1181051
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.6 61.6
 76 9.5 0.0 36.2

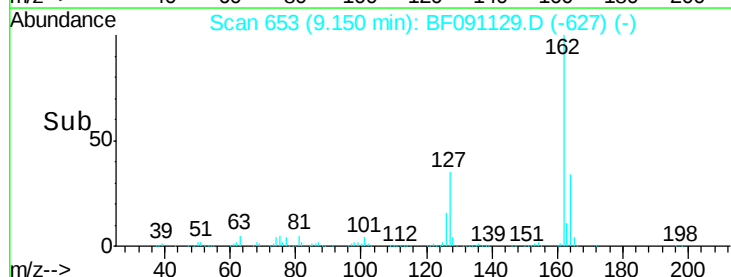
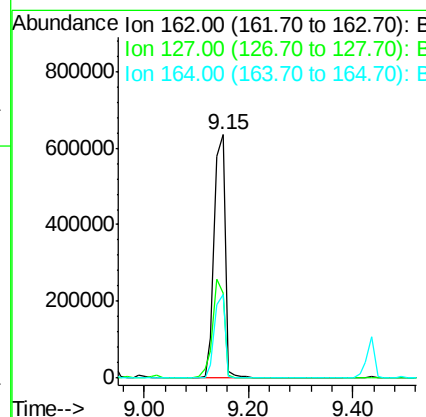
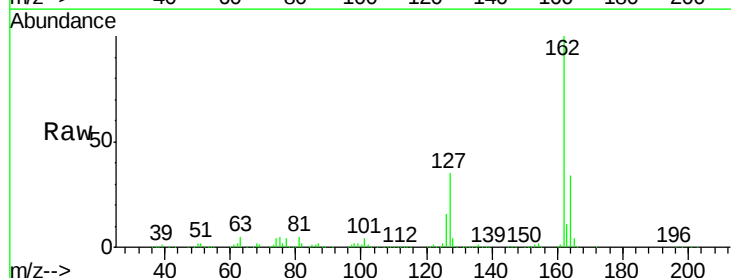
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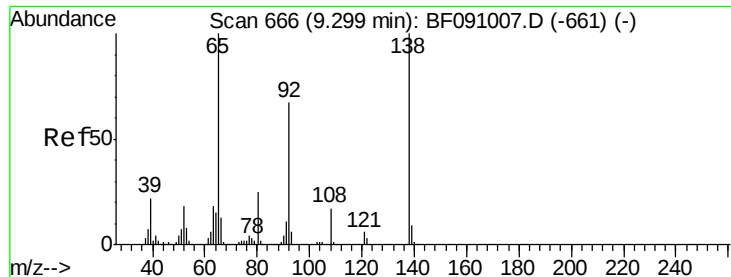
Sohil
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#46
 2-Chloronaphthalene
 Concen: 42.83 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:162 Resp: 936397
 Ion Ratio Lower Upper
 162 100
 127 35.1 34.7 52.1
 164 34.3 27.0 40.4





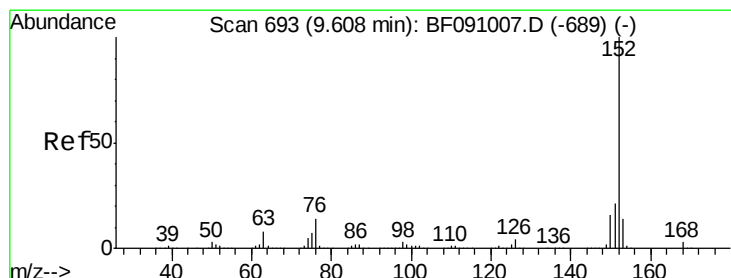
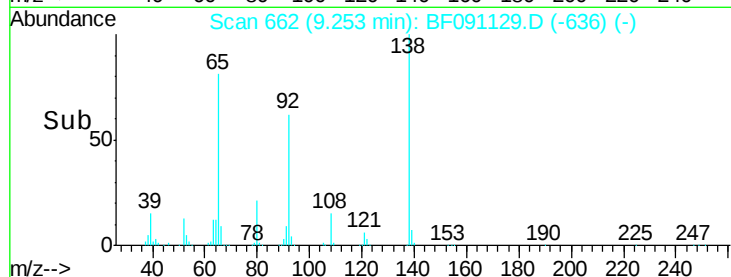
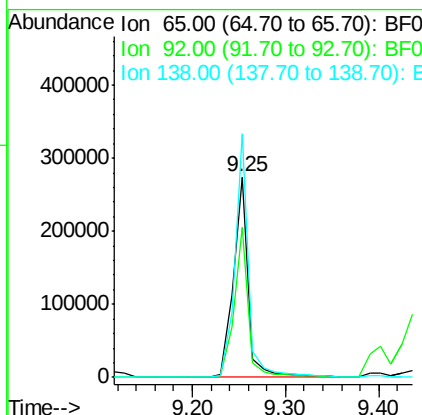
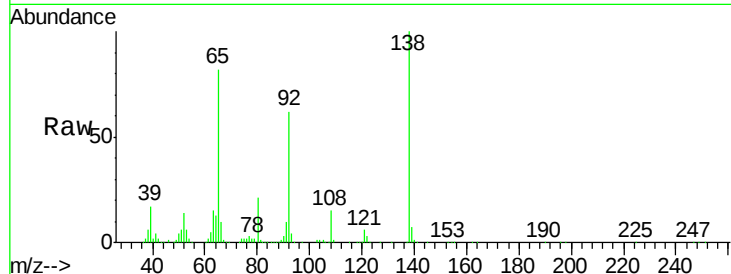
#47
2-Nitroaniline
Concen: 38.00 ng
RT: 9.25 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	53.9	80.9
138	121.6	80.1	120.1

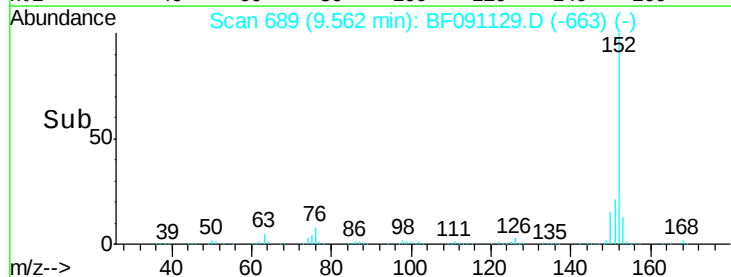
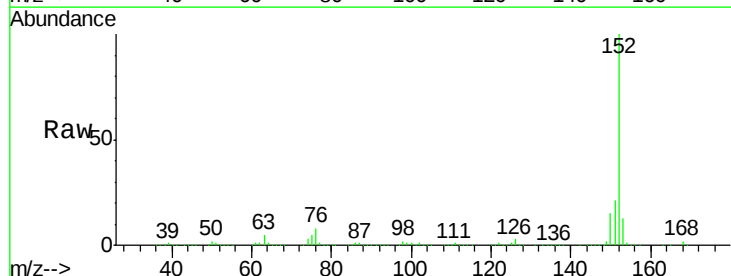
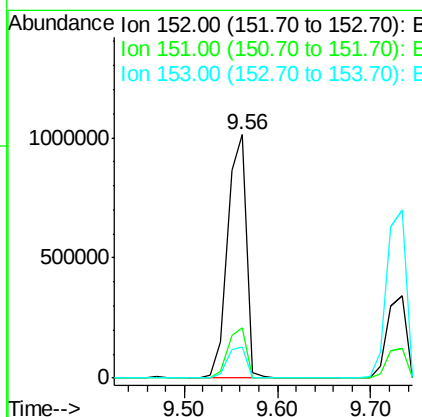
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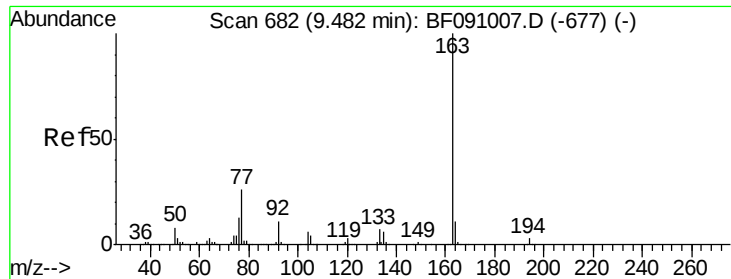
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#48
Acenaphthylene
Concen: 41.74 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.0	11.1	16.7





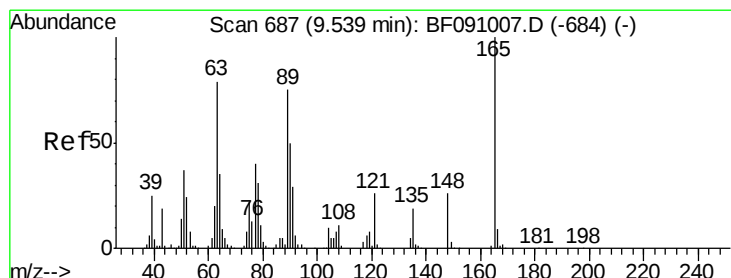
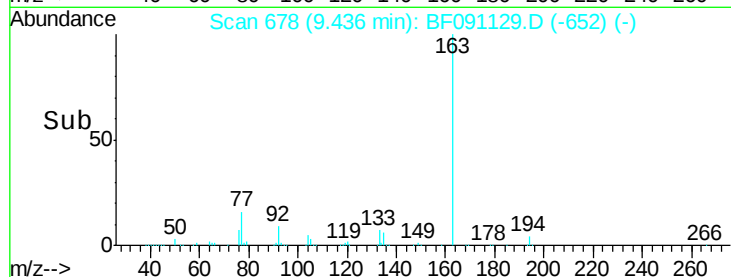
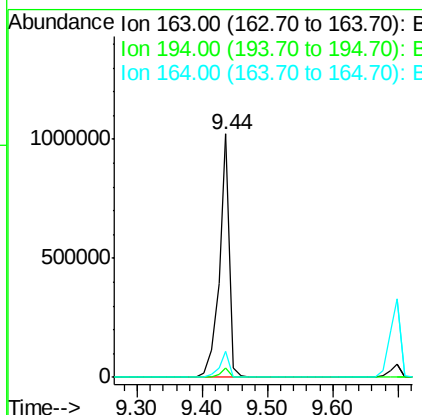
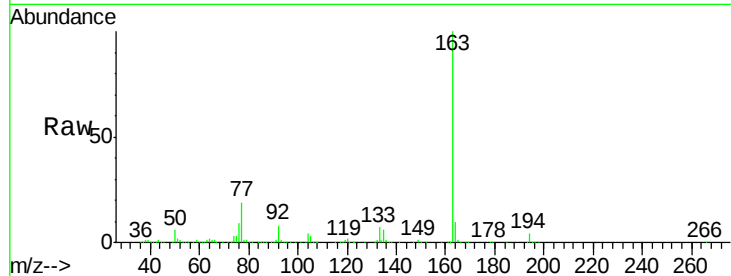
#49
Dimethylphthalate
Concen: 42.70 ng
RT: 9.44 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion:163 Resp: 1104207
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.7 13.1

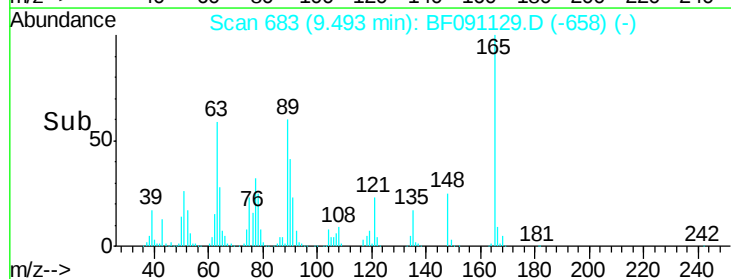
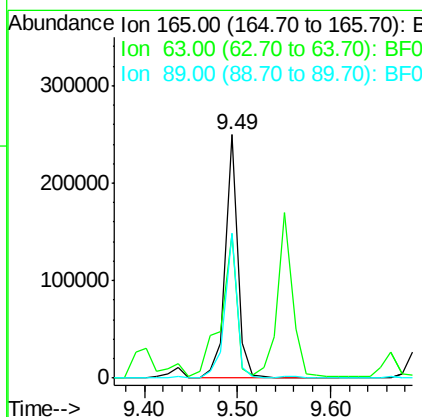
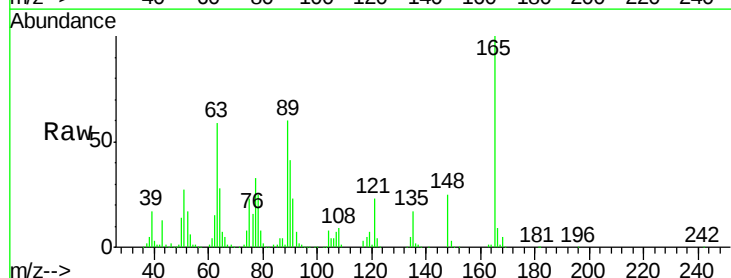
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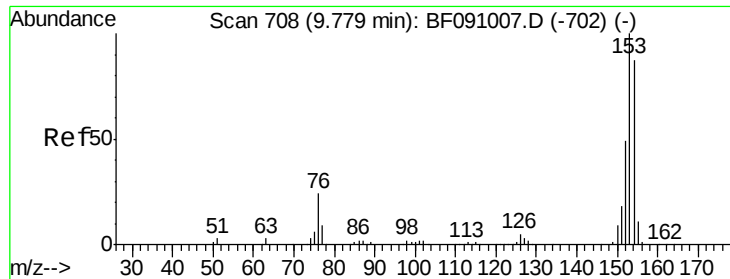
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.74 ng
RT: 9.49 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:165 Resp: 231338
Ion Ratio Lower Upper
165 100
63 59.3 65.6 98.4#
89 59.7 59.8 89.6#





#51

Acenaphthene

Concen: 41.17 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

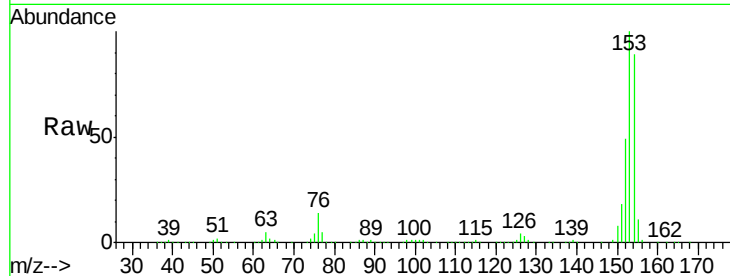
ClientSampleId :

HSR-WC-74-110716MS

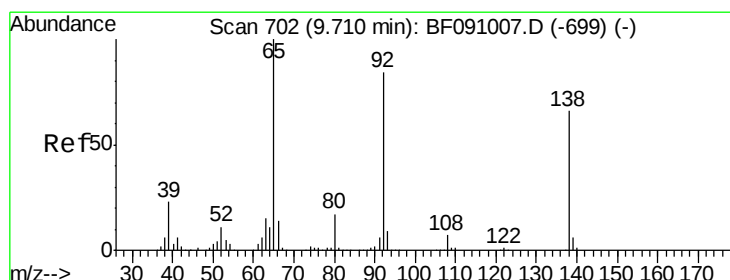
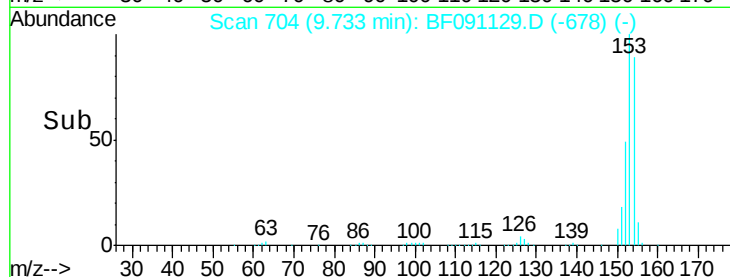
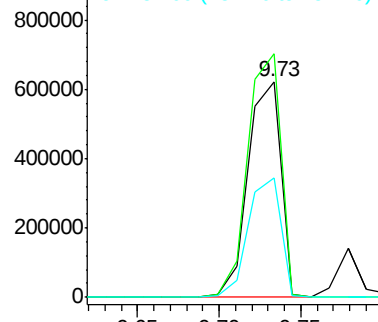
Tot Ion:	154	Resp:	880699
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.6	137.4
152	55.2	44.6	67.0

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



#52

3-Nitroaniline

Concen: 28.95 ng

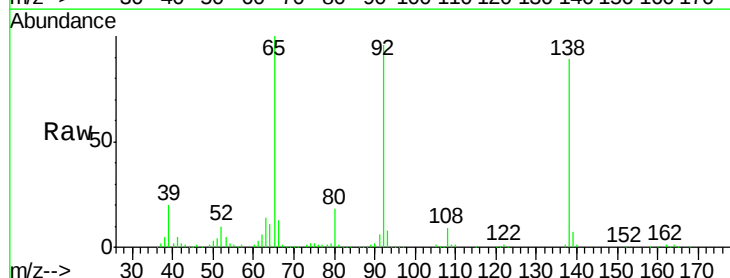
RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

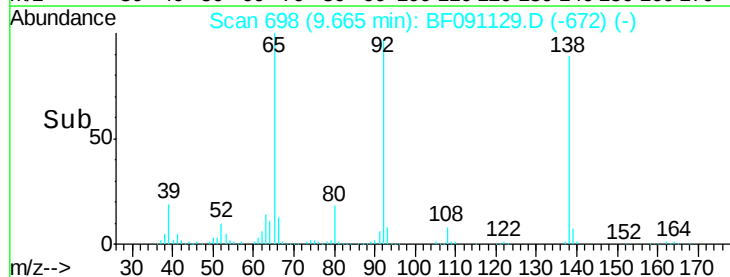
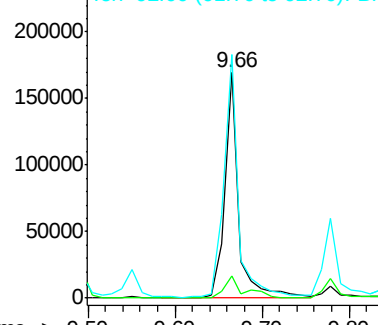
Lab File: BF091129.D

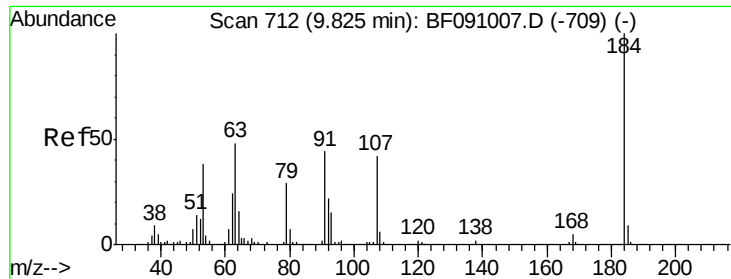
Acq: 9 Nov 2016 17:34

Tgt Ion:	138	Resp:	190272
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.4	12.6
92	107.9	101.1	151.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





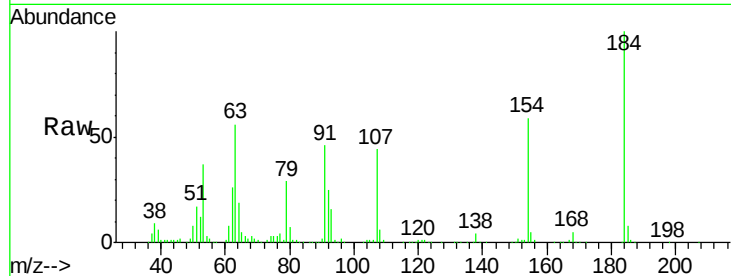
#53
2,4-Dinitrophenol
Concen: 91.18 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

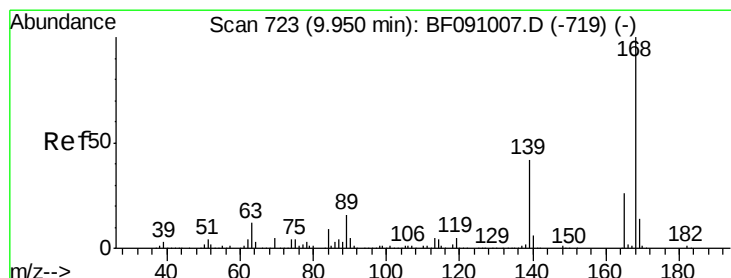
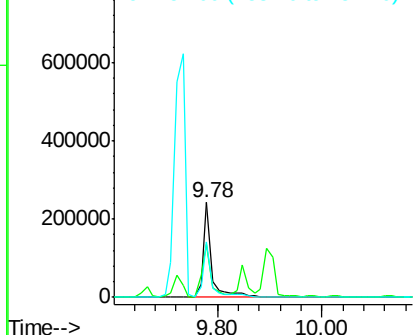
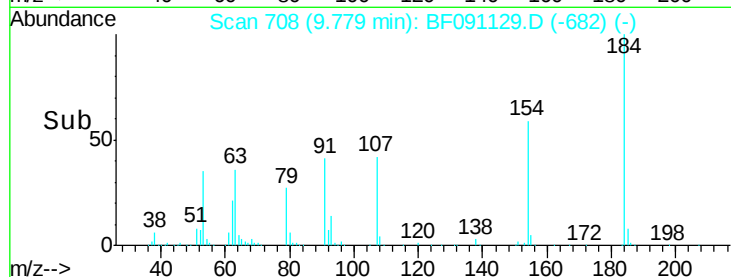
Tot Ion	Ratio	Resp	Lower	Upper
184	100	278101		
63	55.7	45.5	68.3	
154	58.8	51.0	76.4	

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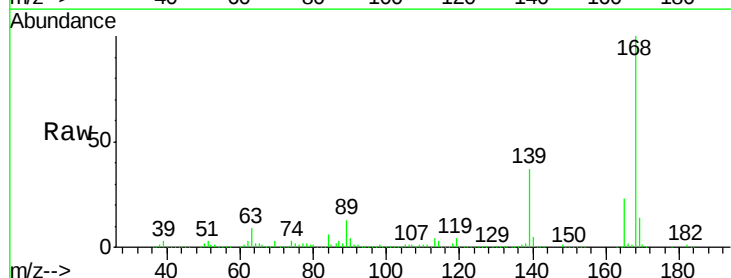


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

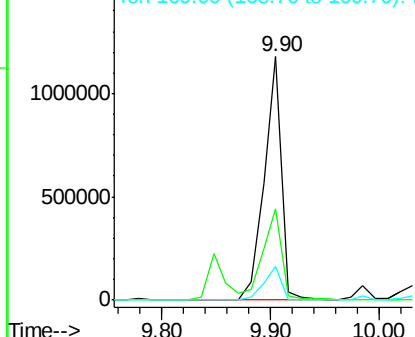
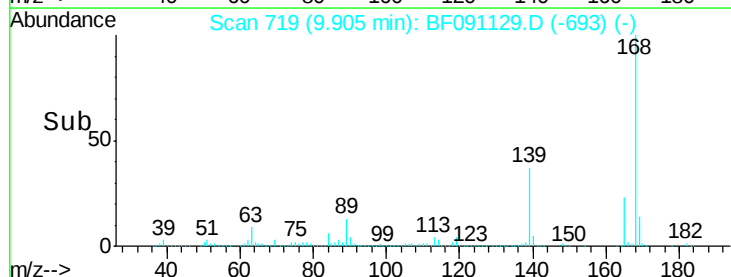


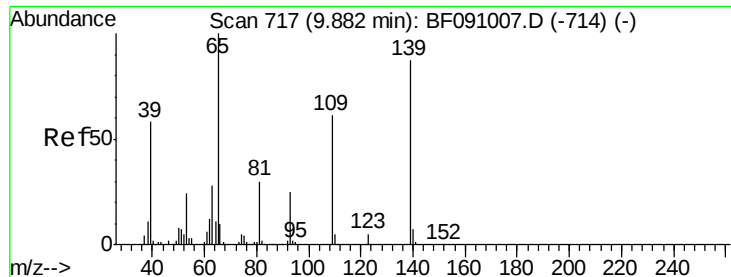
#54
Dibenzofuran
Concen: 45.04 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1296781		
139	37.4	34.8	52.2	
169	13.7	11.4	17.2	



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: 56.74 ng

RT: 9.85 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

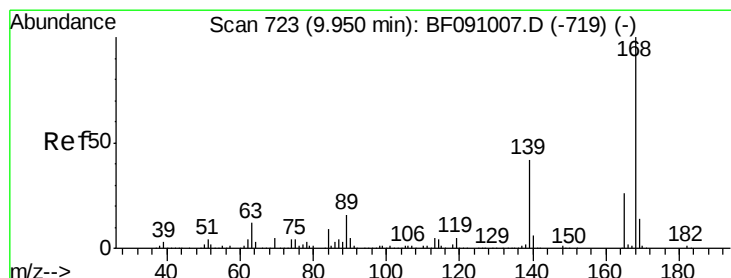
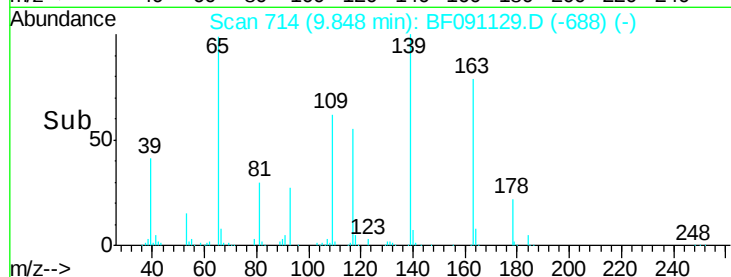
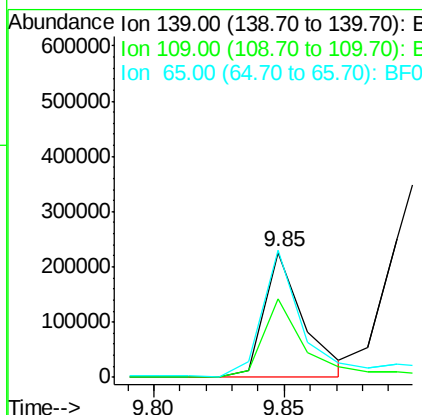
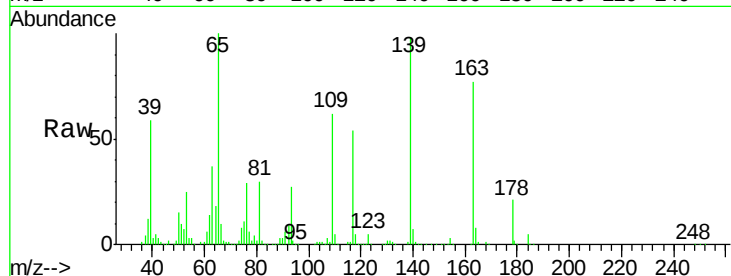
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:	139	Resp:	240471
Ion Ratio	Lower	Upper	
139	100		
109	63.0	50.5	90.5
65	101.7	97.1	137.1

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#56

2,4-Dinitrotoluene

Concen: 46.04 ng

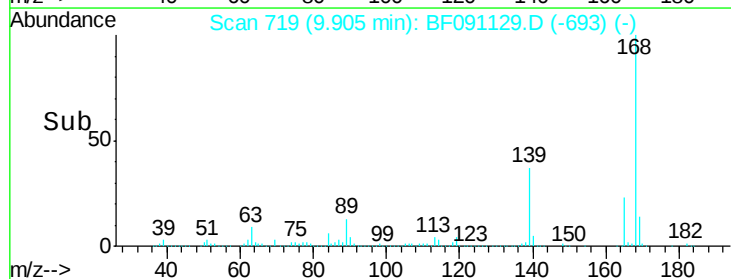
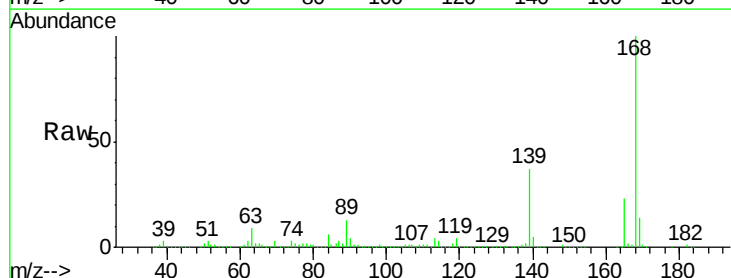
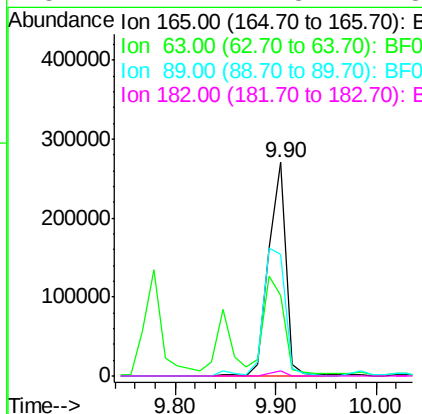
RT: 9.90 min Scan# 719

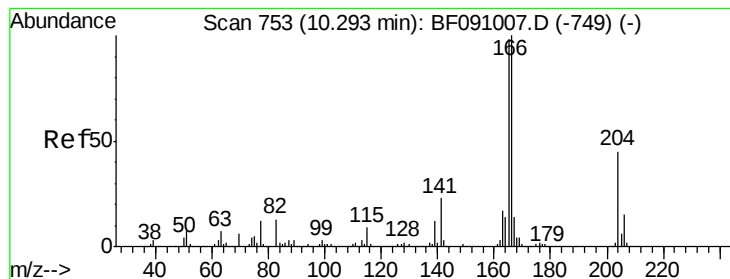
Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:	165	Resp:	324644
Ion Ratio	Lower	Upper	
165	100		
63	37.7	38.7	58.1#
89	57.1	50.6	76.0
182	2.4	1.8	2.8





#57

Fluorene

Concen: 42.41 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

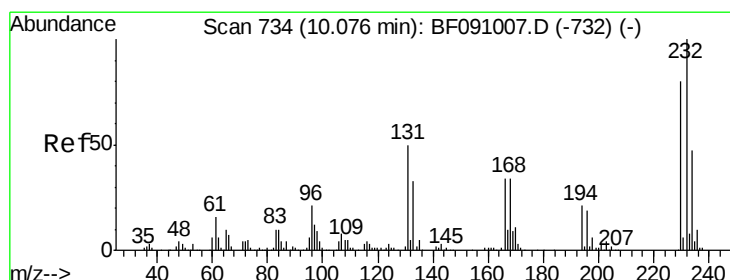
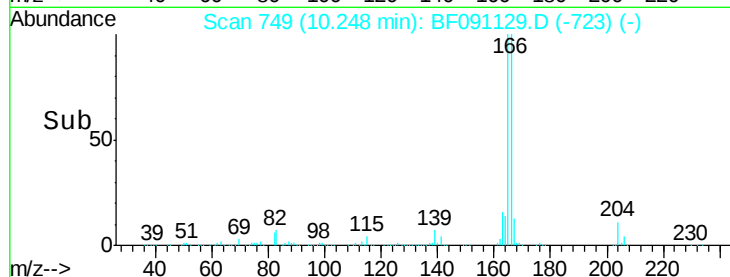
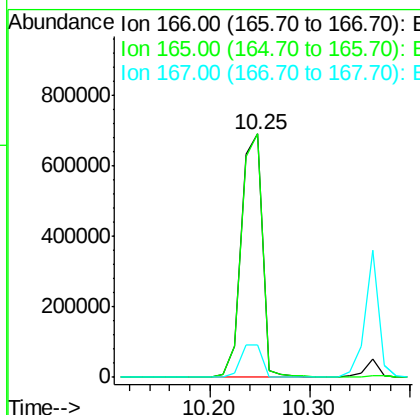
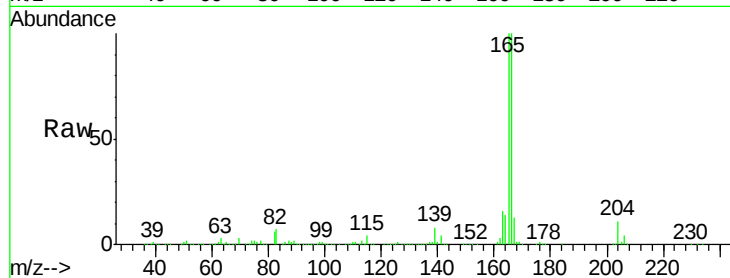
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:	166	Resp:	998070
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	118.0
167	13.2	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.01 ng

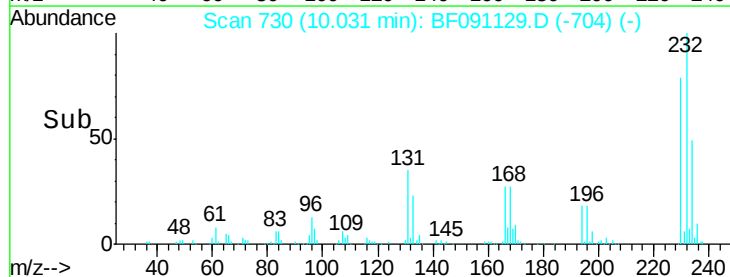
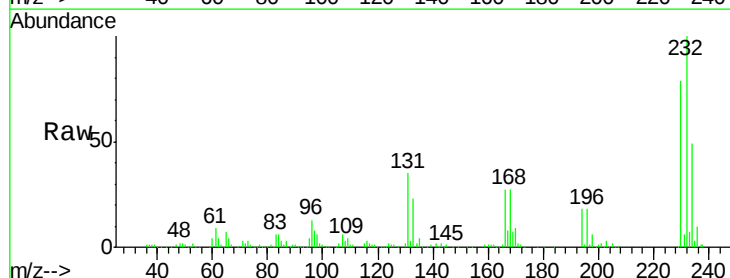
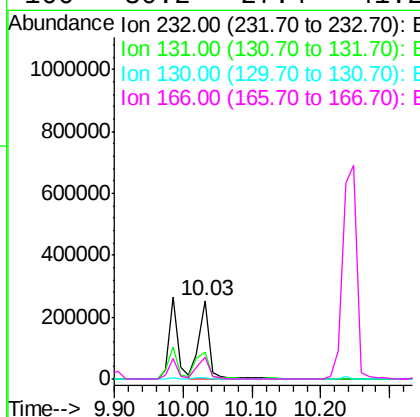
RT: 10.03 min Scan# 730

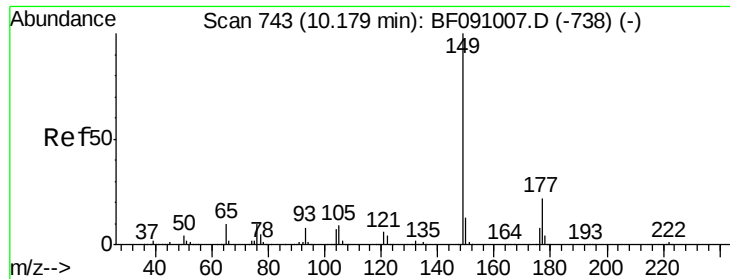
Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion:	232	Resp:	261672
Ion Ratio	Lower	Upper	
232	100		
131	44.9	43.6	65.4
130	2.1	2.0	3.0
166	30.2	27.4	41.2





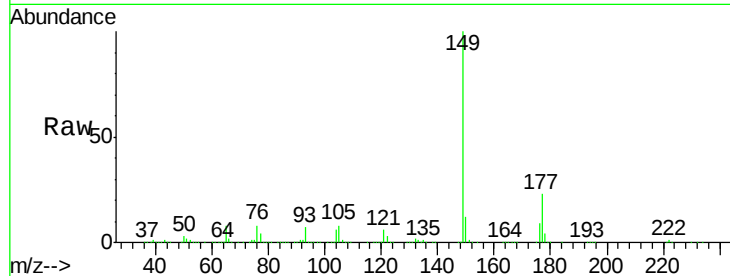
#59
Diethylphthalate
Concen: 43.23 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

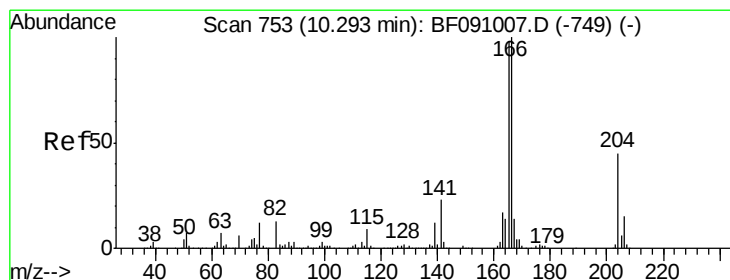
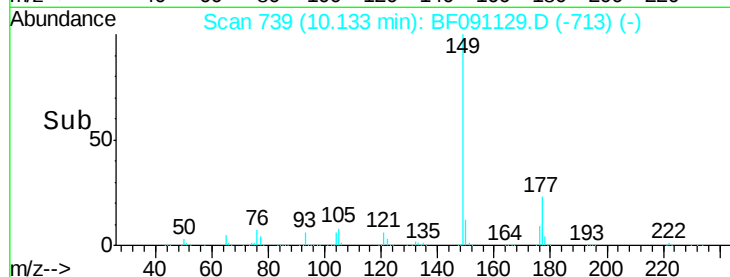
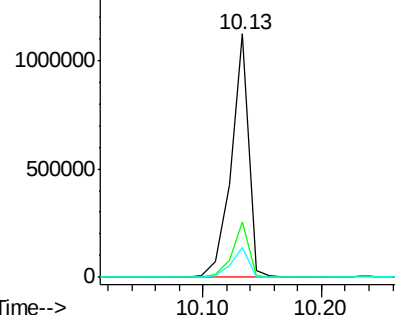
Tot Ion:149 Resp: 1146220
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 12.5 10.3 15.5

Manual Integrations
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11/10/2016 12:41:45 PM

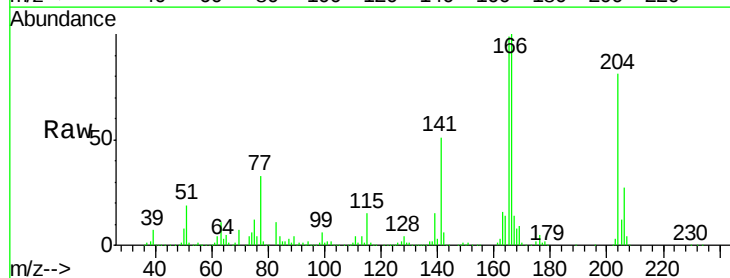


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

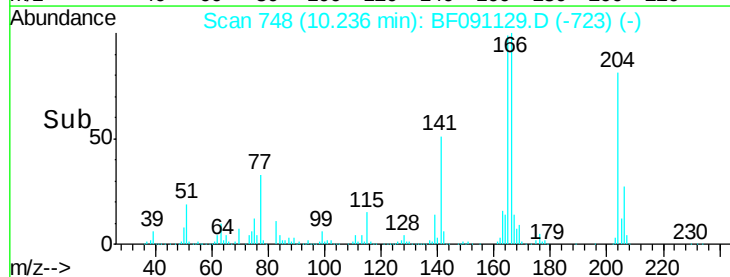
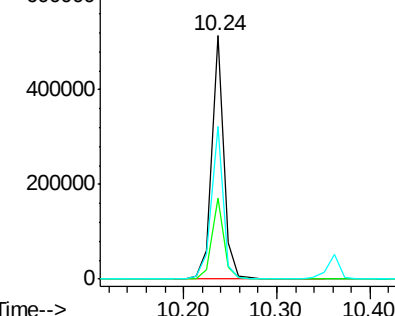


#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:204 Resp: 461343
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 62.5 40.1 60.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.81 ng

RT: 10.28 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

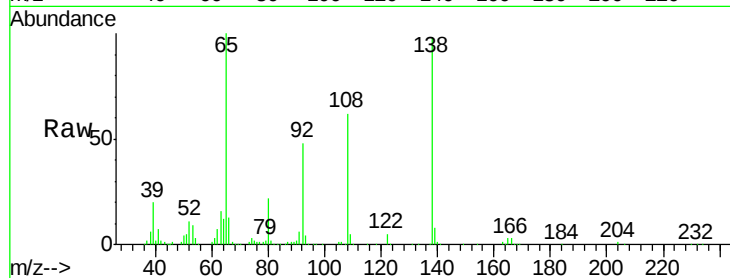
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	32.5	72.5
108	63.5	49.4	89.4

Manual Integrations
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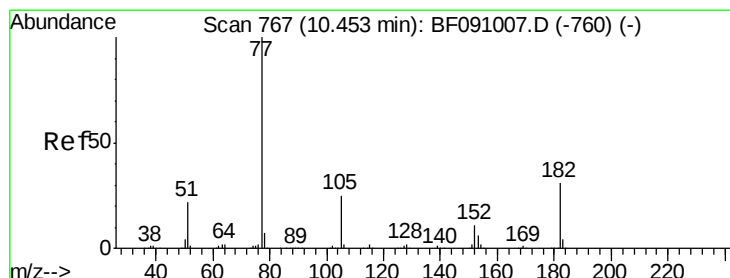
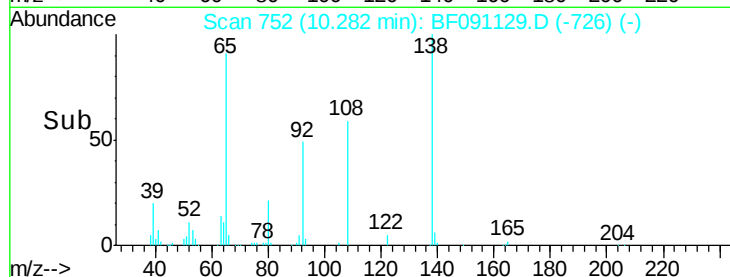
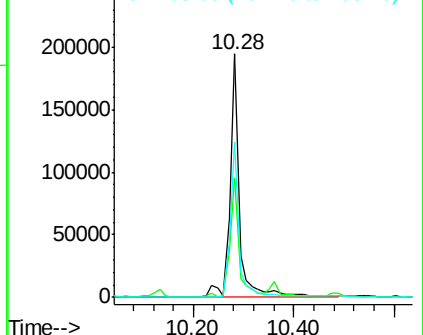


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.32 ng

RT: 10.40 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	11.0	51.0
105	24.5	5.6	45.6
51	24.8	2.7	42.7

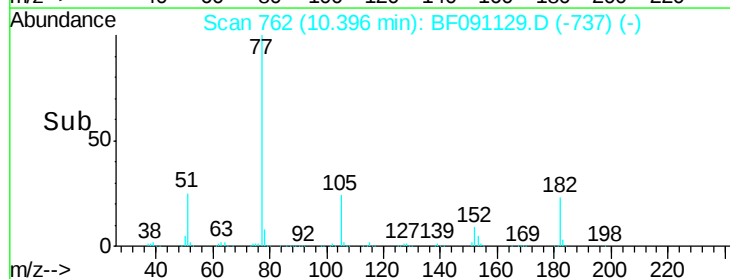
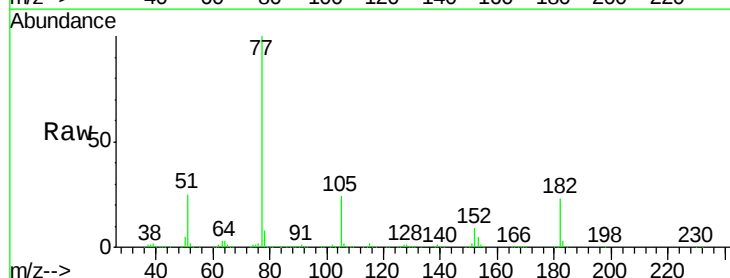
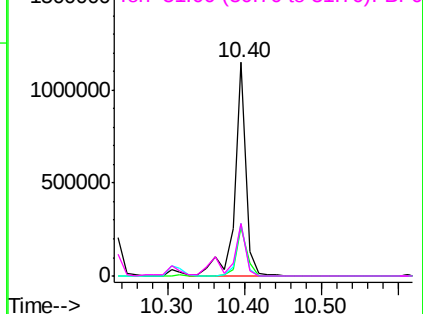
Abundance

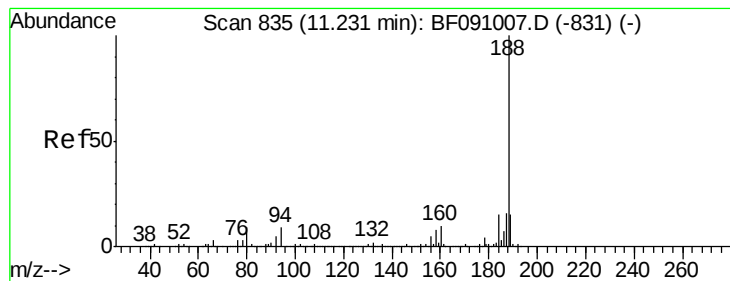
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

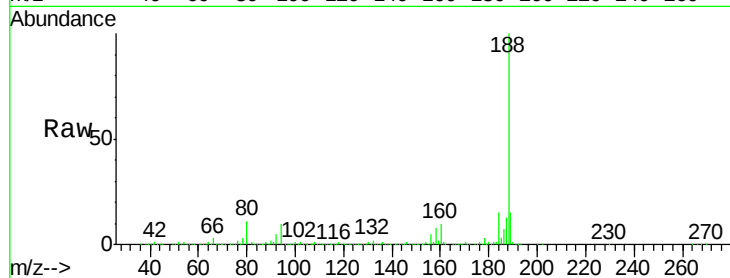
ClientSampleId :

HSR-WC-74-110716MS

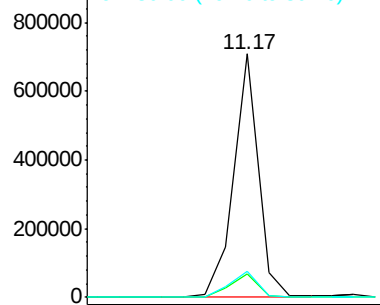
Tot Ion:188	Resp:	647708
Ion Ratio	Lower	Upper
188 100		
94 9.9	7.0	10.4
80 10.5	7.5	11.3

Manual Integrations
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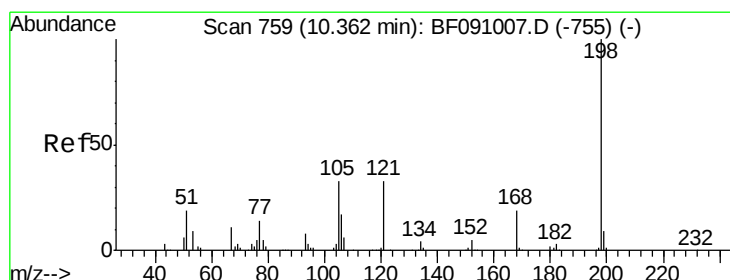
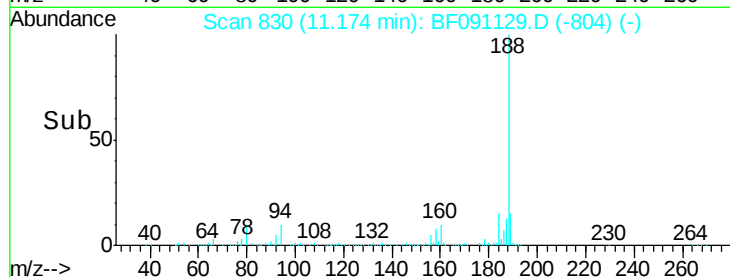
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Abundance Ion 188.00 (187.70 to 188.70): E



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.93 ng

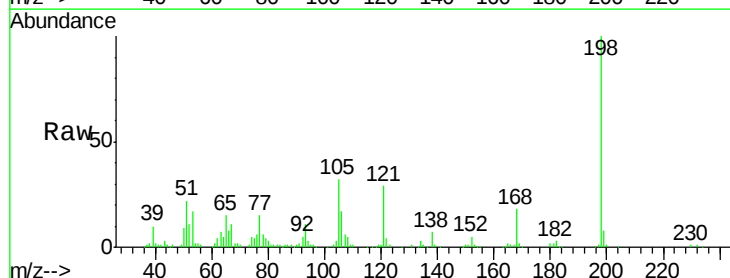
RT: 10.32 min Scan# 755

Delta R.T. 0.00 min

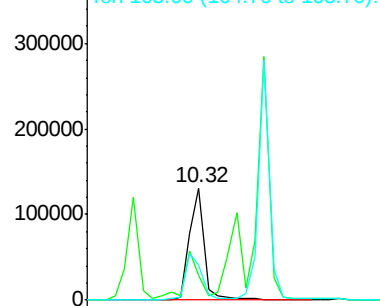
Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

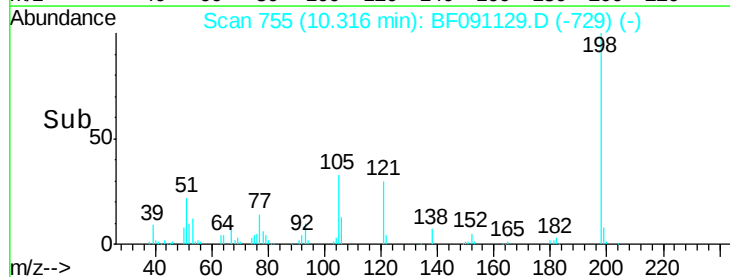
Tgt Ion:198	Resp:	166287
Ion Ratio	Lower	Upper
198 100		
51 22.2	5.9	45.9
105 31.7	13.8	53.8

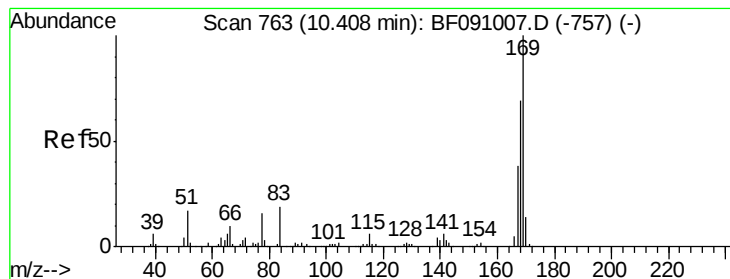


Abundance Ion 198.00 (197.70 to 198.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 43.99 ng

RT: 10.36 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

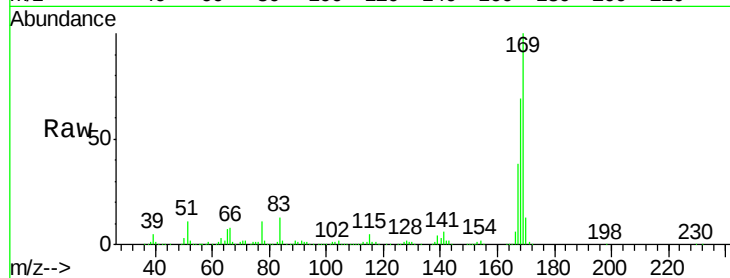
ClientSampleId :

HSR-WC-74-110716MS

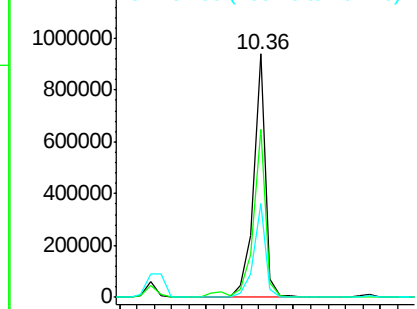
Tot Ion:	169	Resp:	905600
Ion Ratio	Lower	Upper	
169	100		
168	69.2	55.3	82.9
167	38.5	30.3	45.5

Manual Integrations
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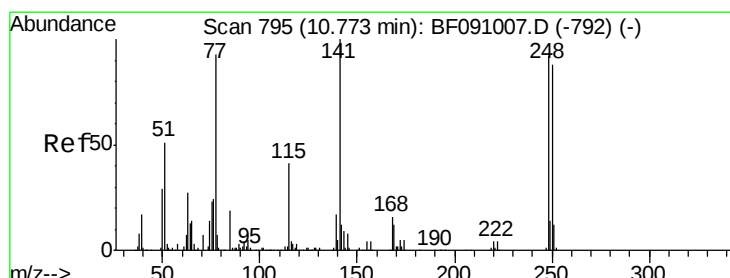
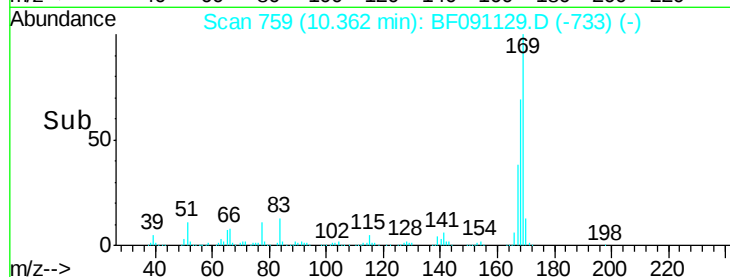
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 10.20 10.30 10.40 10.50



#66

4-Bromophenyl-phenylether

Concen: 48.34 ng

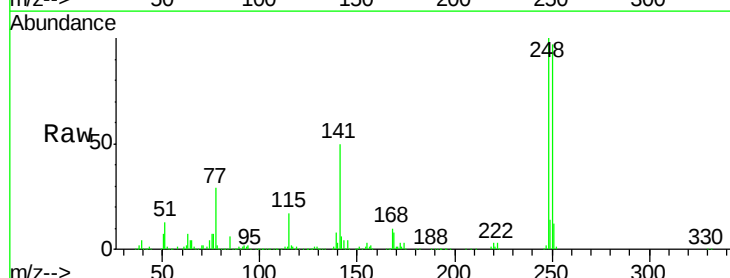
RT: 10.73 min Scan# 791

Delta R.T. 0.00 min

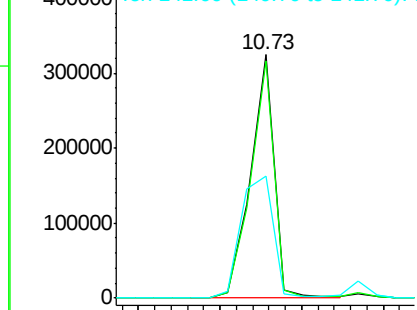
Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

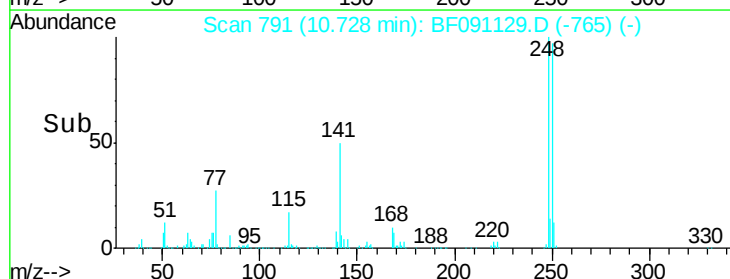
Tgt Ion:	248	Resp:	325646
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.3	114.5
141	50.1	86.8	130.2#

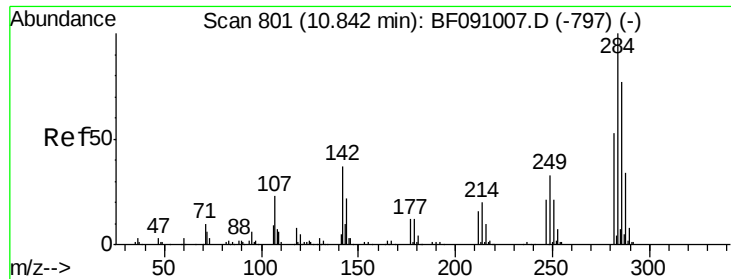


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 10.65 10.70 10.75 10.80





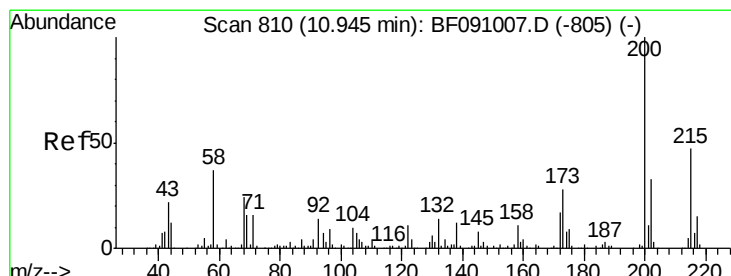
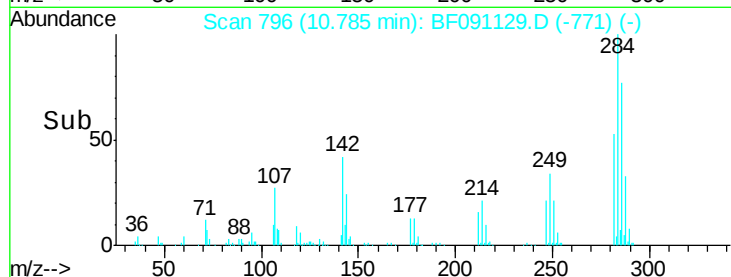
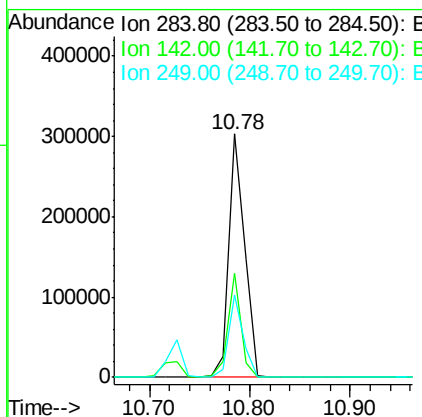
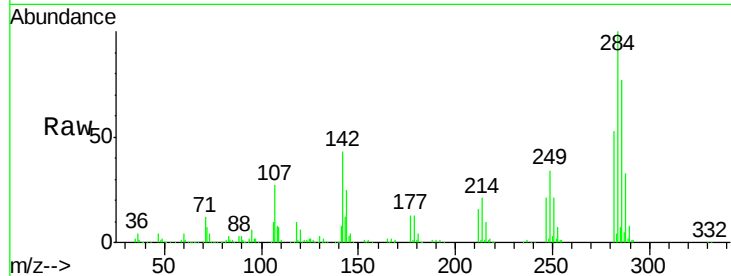
#67
Hexachlorobenzene
Concen: 44.82 ng
RT: 10.78 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.5	29.9	44.9	
249	33.9	26.6	39.8	

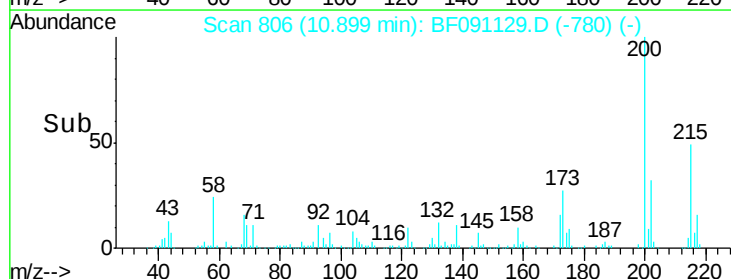
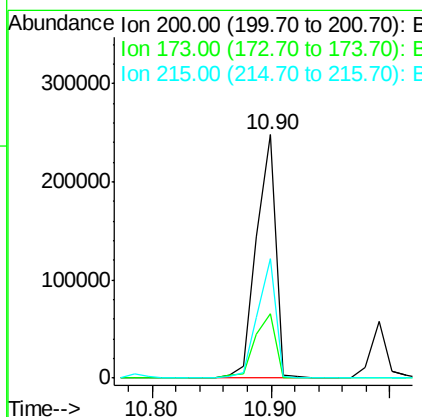
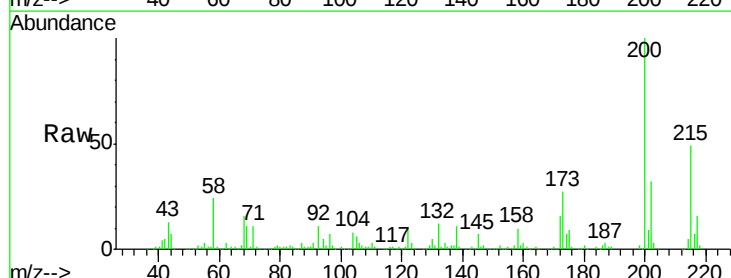
Manual Integrations
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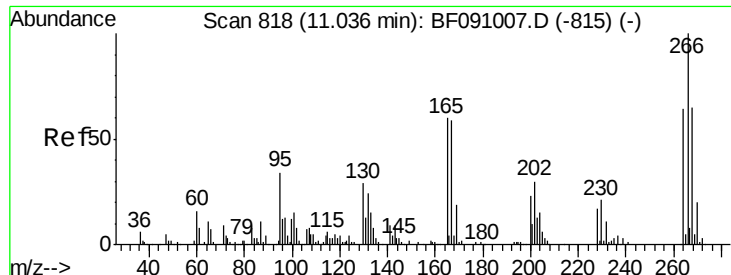
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11/10/2016 12:41:45 PM



#68
Atrazine
Concen: 47.88 ng
RT: 10.90 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.7	8.1	48.1	
215	48.8	27.3	67.3	





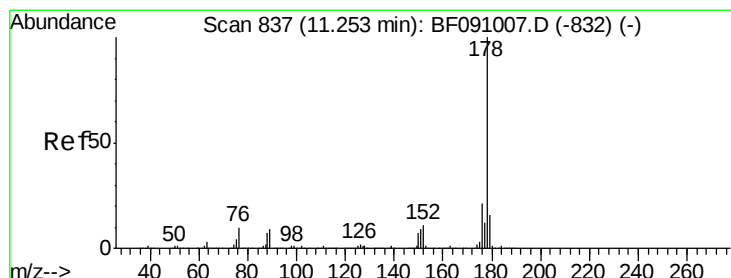
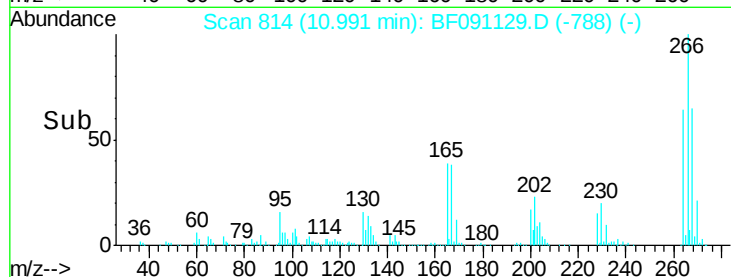
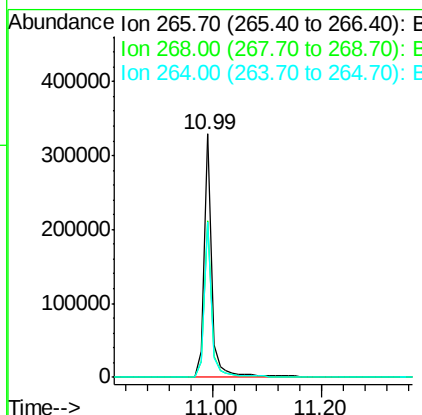
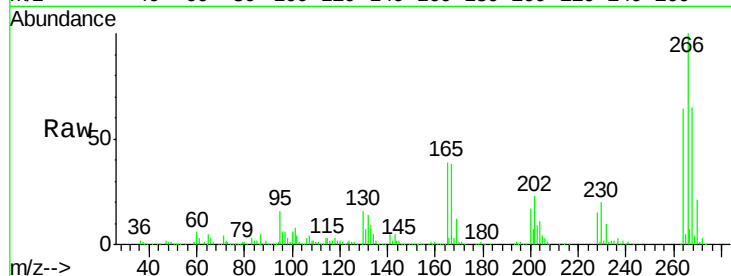
#69
 Pentachlorophenol
 Concen: 98.20 ng
 RT: 10.99 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.1	78.1
264	63.7	51.1	76.7

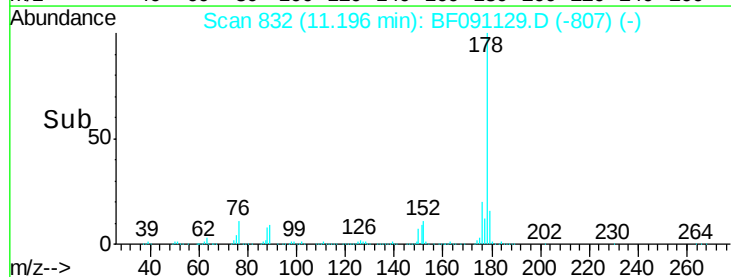
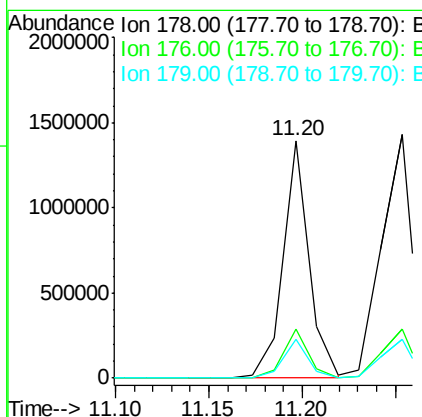
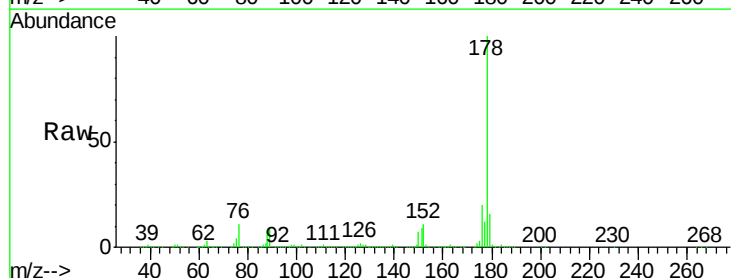
Manual Integrations
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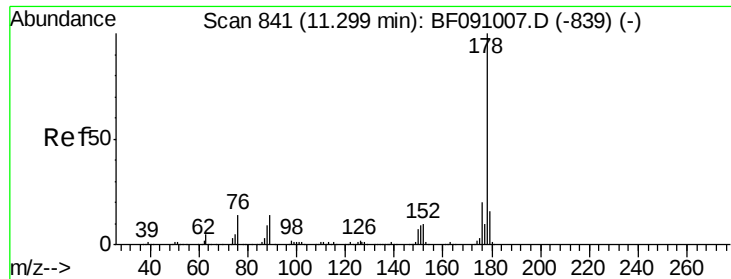
Sohil
 11/10/2016 12:41:45 PM



#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.3	12.9	19.3





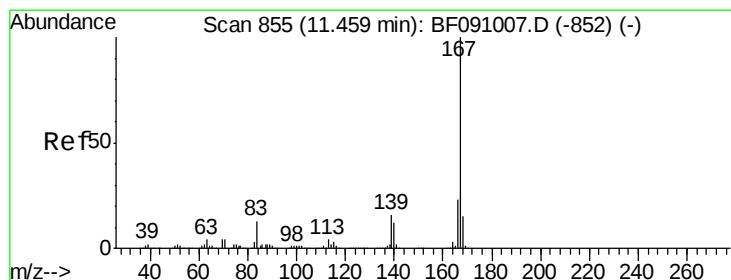
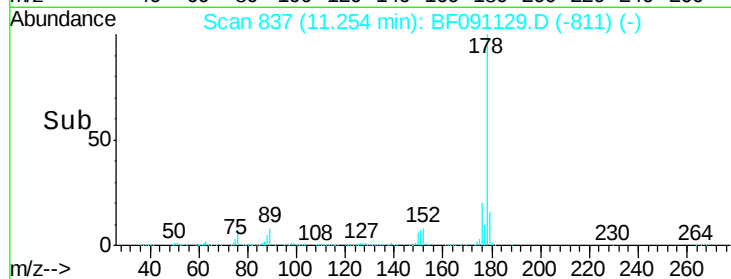
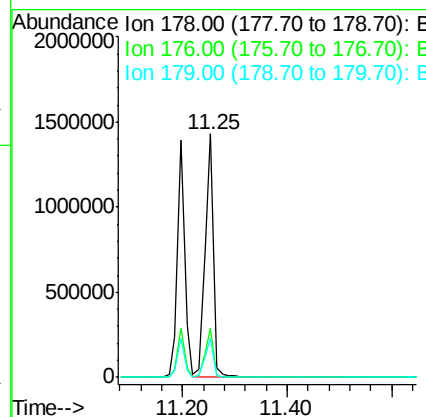
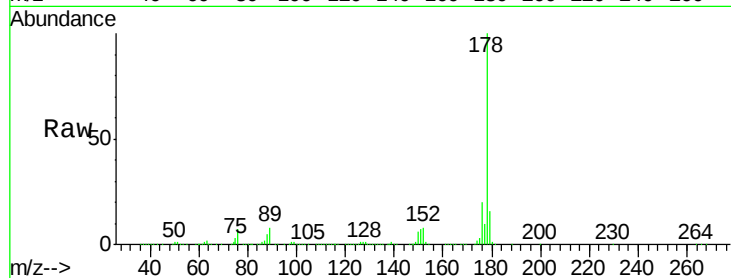
#71
 Anthracene
 Concen: 44.10 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion:178 Resp: 1614381
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.9 13.0 19.6

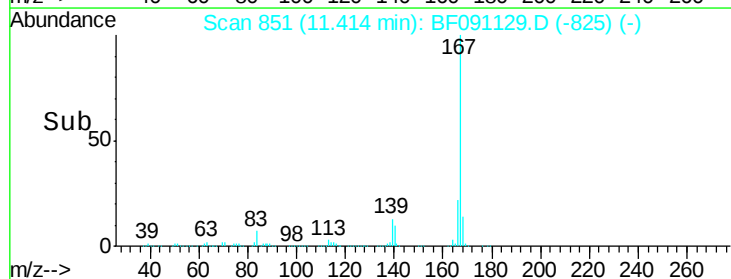
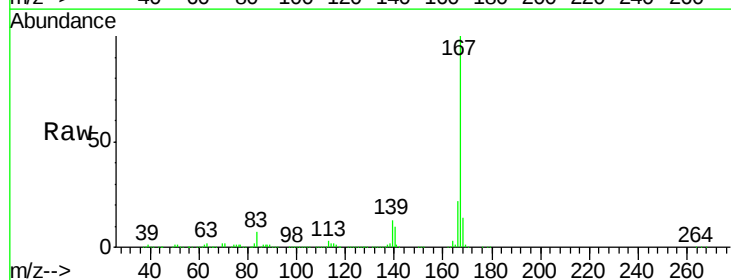
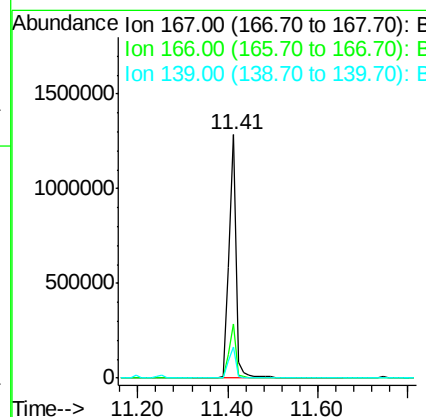
Manual Integrations
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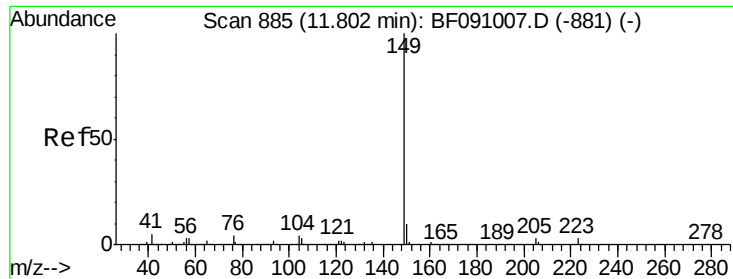
Sohil
 11/10/2016 12:41:45 PM



#72
 Carbazole
 Concen: 42.96 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion:167 Resp: 1417147
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 12.9 12.6 18.8





#73

Di-n-butylphthalate

Concen: 38.37 ng

RT: 11.75 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-74-110716MS

Tot Ion:149 Resp: 1591943

Ion Ratio Lower Upper

149 100

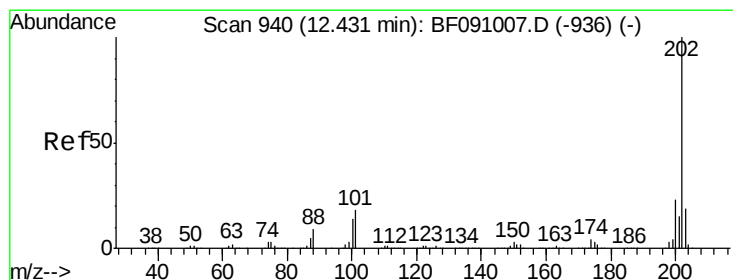
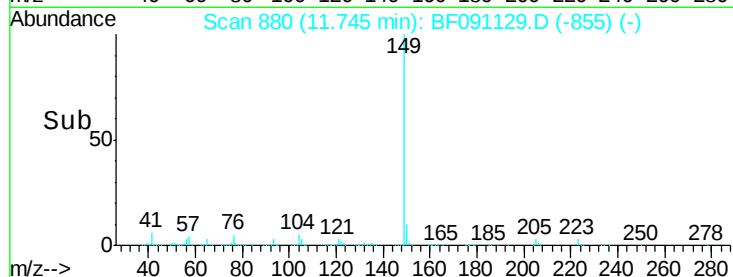
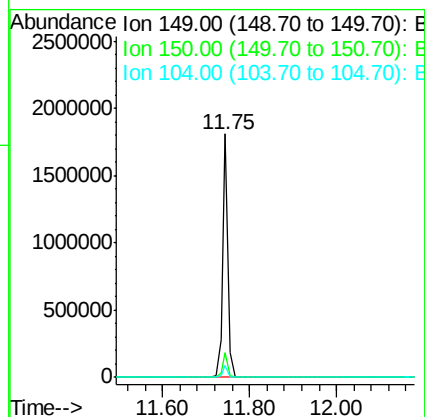
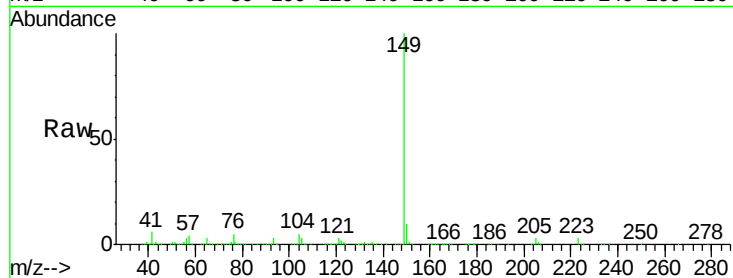
150 10.1 7.7 11.5

104 5.0 3.6 5.4

Manual Integrations
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Sohil

11/10/2016 12:41:45 PM



#74

Fluoranthene

Concen: 42.42 ng

RT: 12.39 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

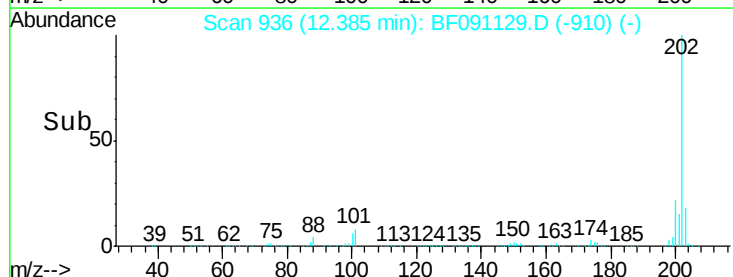
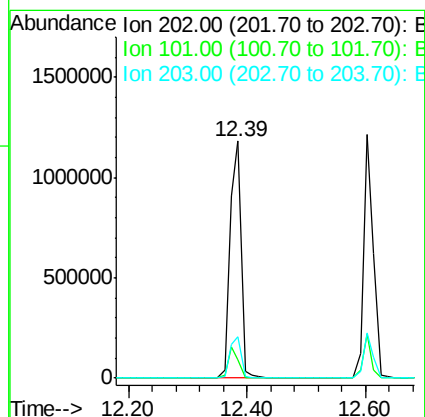
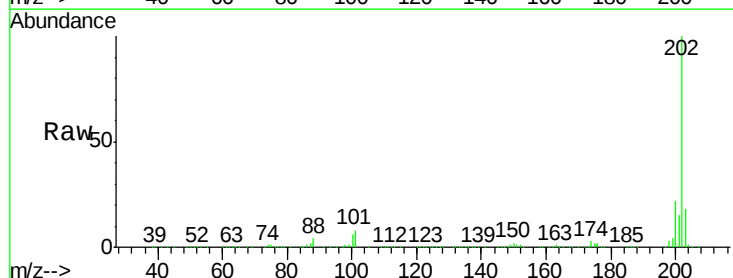
Tgt Ion:202 Resp: 1514673

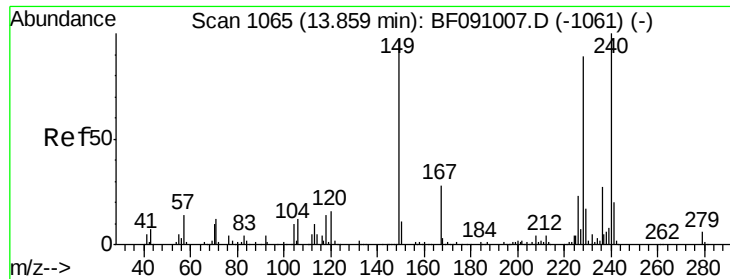
Ion Ratio Lower Upper

202 100

101 7.8 0.0 37.6

203 17.7 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Instrument :

BNA_F

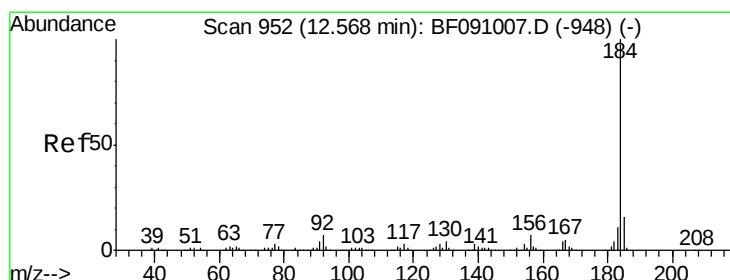
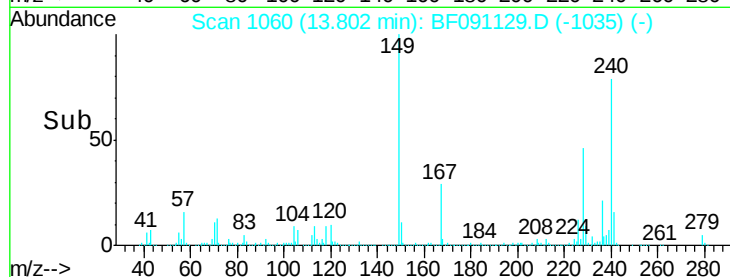
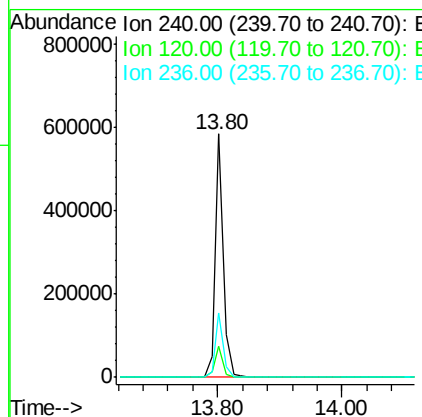
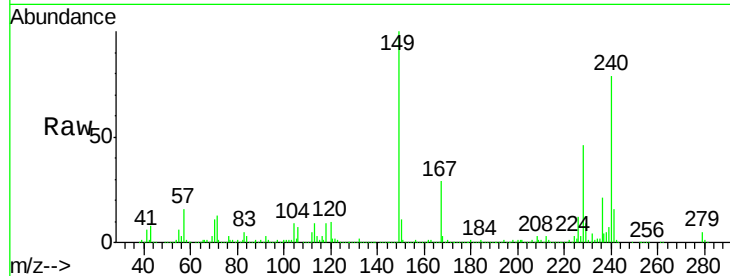
ClientSampleId :

HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	12.9	19.3#
236	26.6	21.9	32.9

Manual Integrations
APPROVED

Sohil
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#76

Benzidine

Concen: 10.60 ng

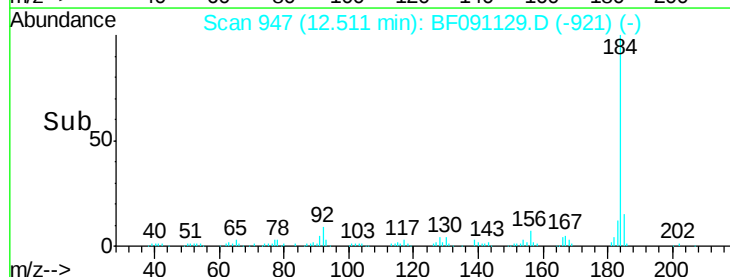
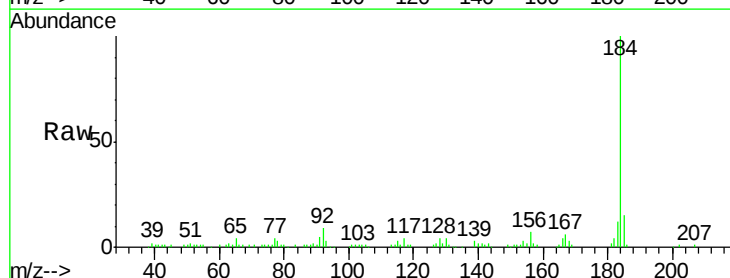
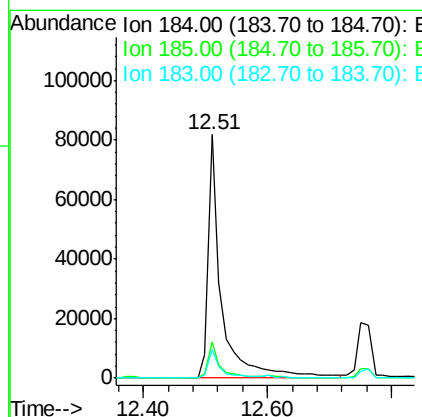
RT: 12.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF091129.D

Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.4
183	11.9	8.7	13.1





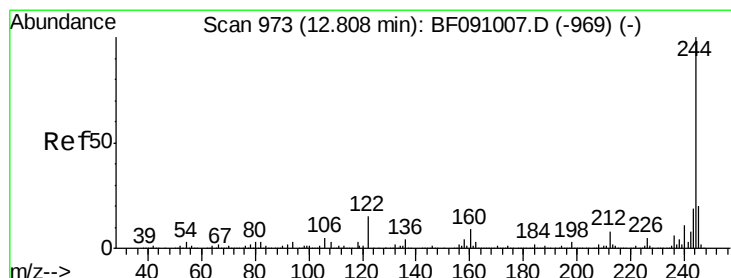
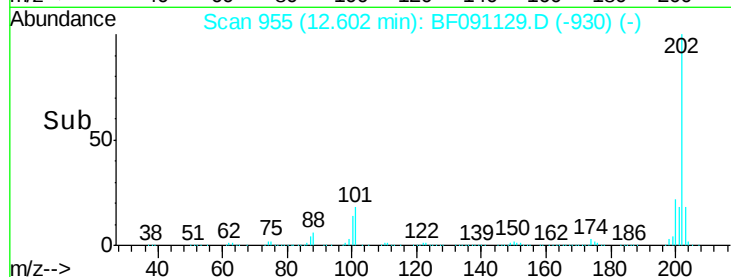
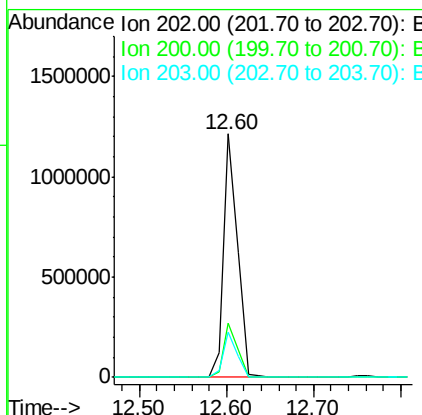
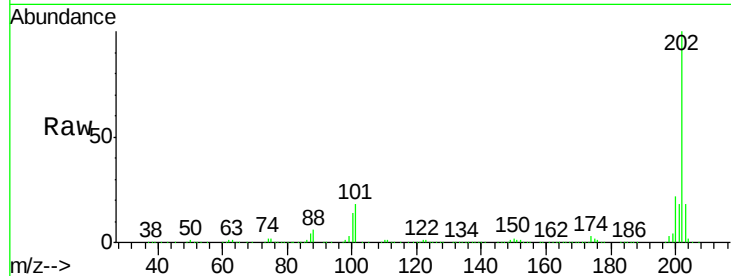
#77
Pvrene
Concen: 40.33 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion:202 Resp: 1371890
Ion Ratio Lower Upper
202 100
200 22.2 18.4 27.6
203 18.4 15.0 22.6

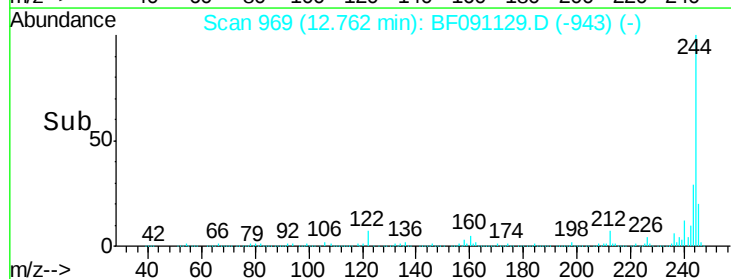
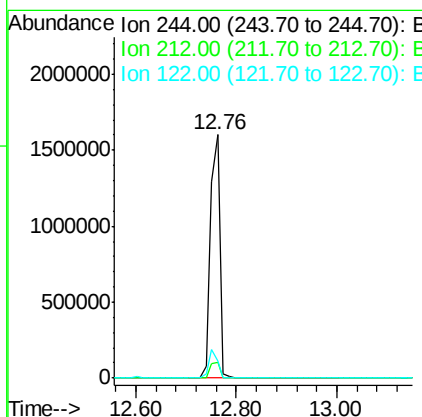
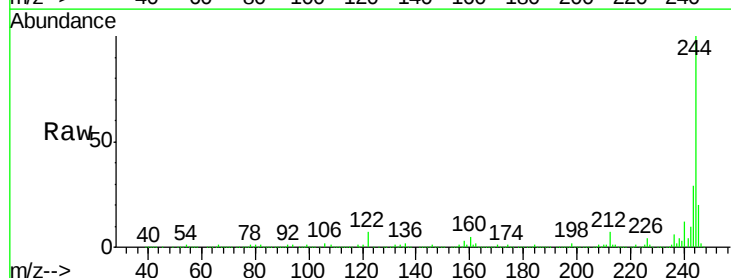
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#78
Terphenyl-d14
Concen: 100.50 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion:244 Resp: 2091772
Ion Ratio Lower Upper
244 100
212 6.6 6.4 9.6
122 7.0 12.3 18.5#





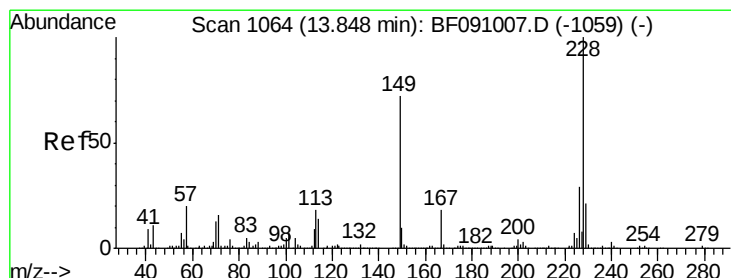
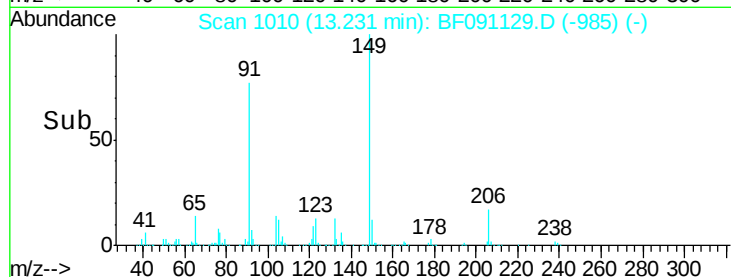
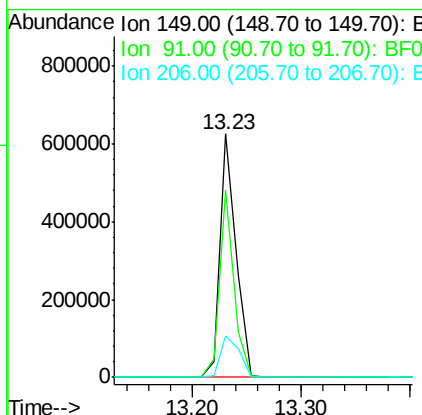
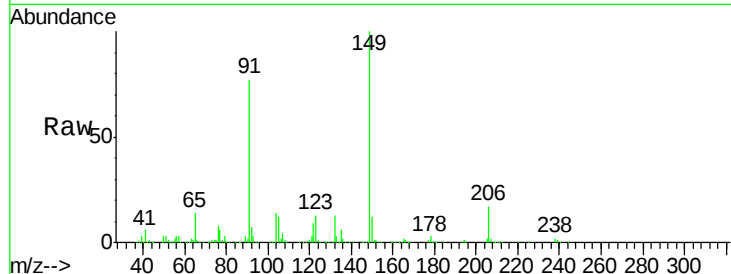
#79
Butylbenzylphthalate
Concen: 39.58 ng
RT: 13.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.7	65.0	97.4
206	16.8	12.5	18.7

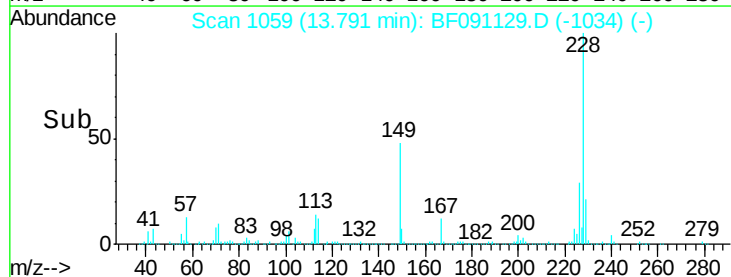
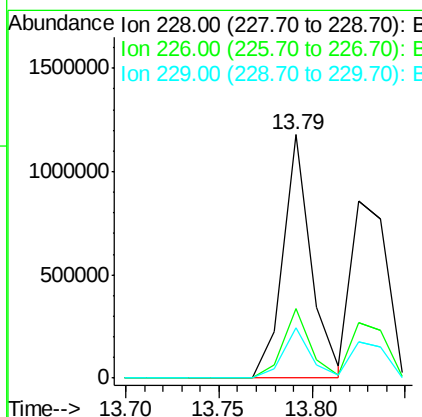
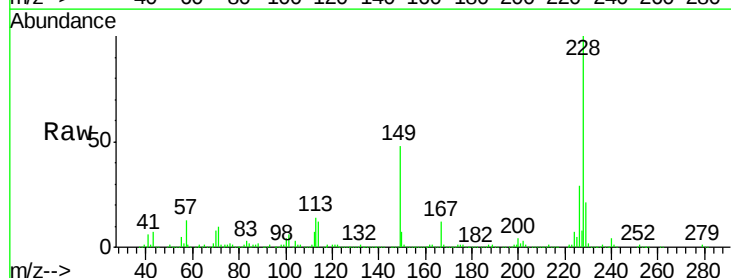
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#80
Benzo(a)anthracene
Concen: 41.96 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.8	16.6	24.8





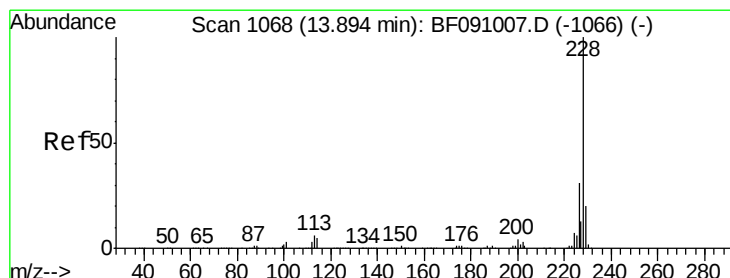
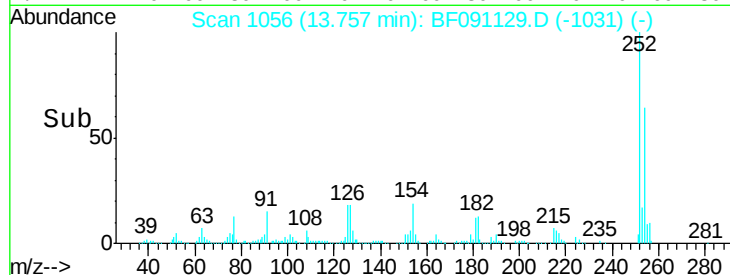
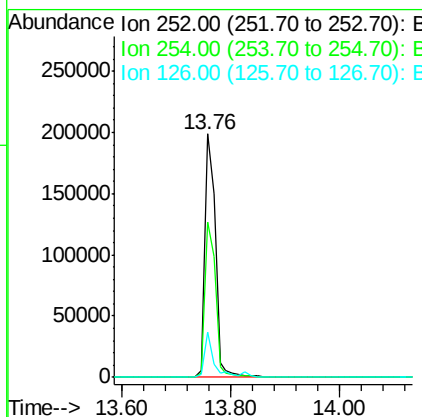
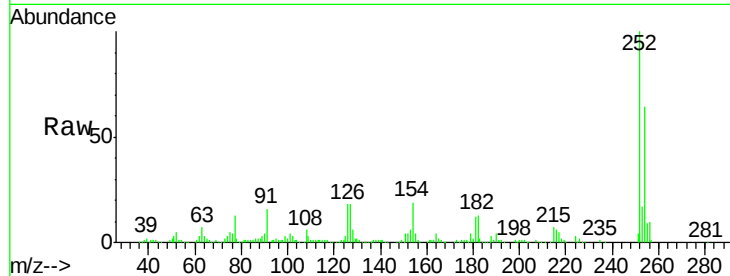
#81
 3,3'-Dichlorobenzidine
 Concen: 25.70 ng
 RT: 13.76 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	266257		
254	63.5	52.0	78.0	
126	18.3	5.4	8.2	

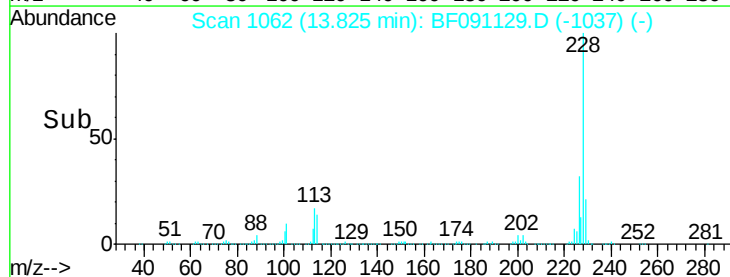
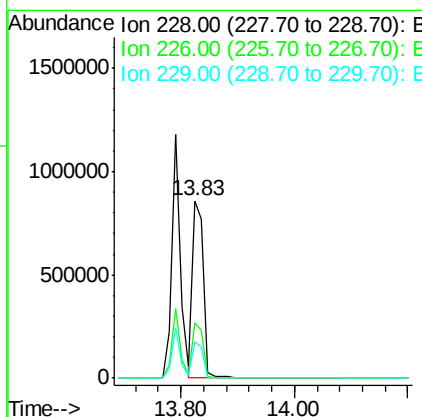
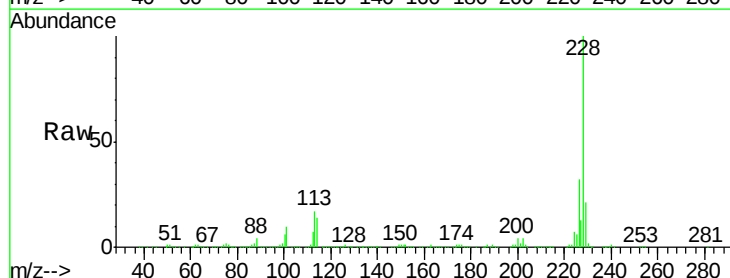
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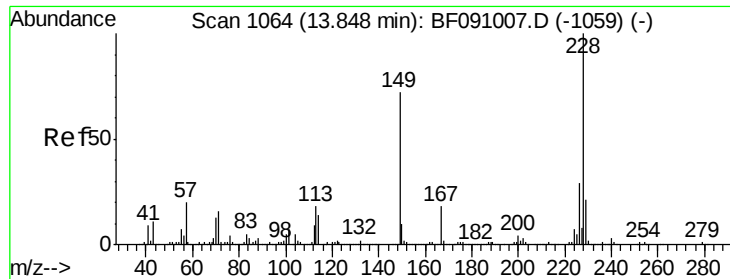
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#82
 Chrysene
 Concen: 40.01 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1163484		
226	31.6	24.9	37.3	
229	20.5	15.9	23.9	





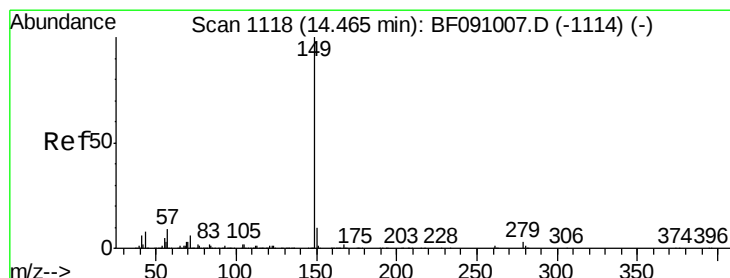
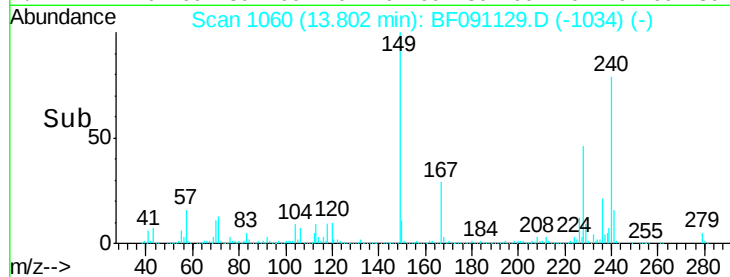
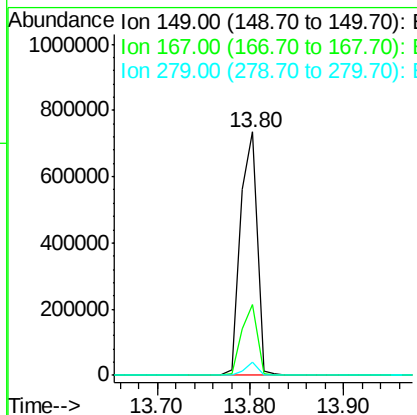
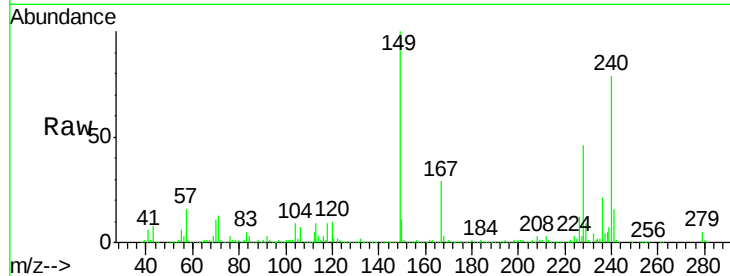
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.49 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	913606		
167	29.3		20.4	30.6
279	5.2		1.6	2.4

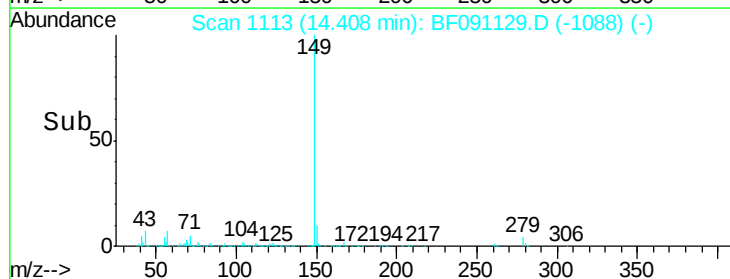
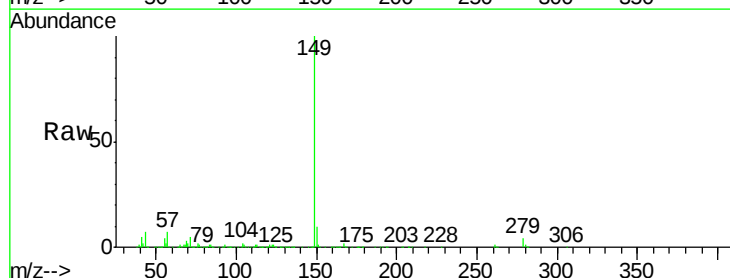
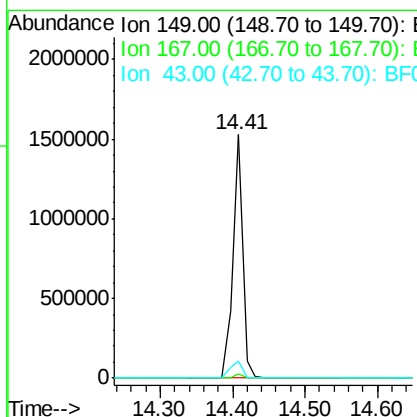
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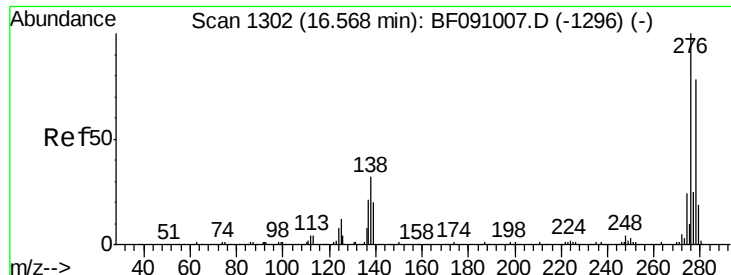
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#84
 Di-n-octyl phthalate
 Concen: 39.48 ng
 RT: 14.41 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1429150		
167	1.7		1.2	1.8
43	8.4		8.2	12.4





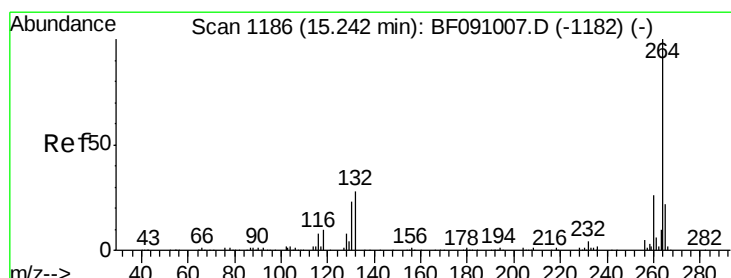
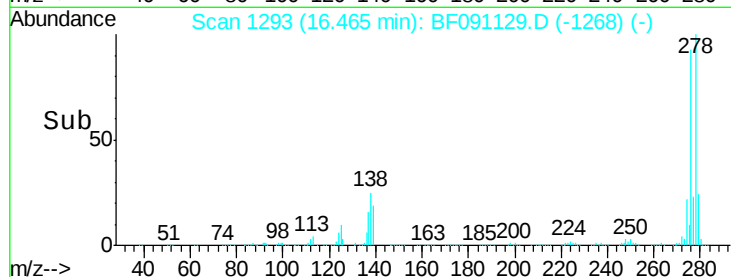
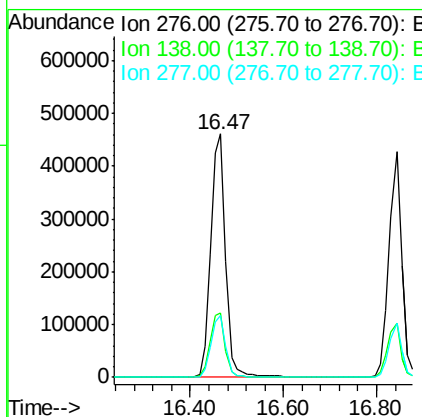
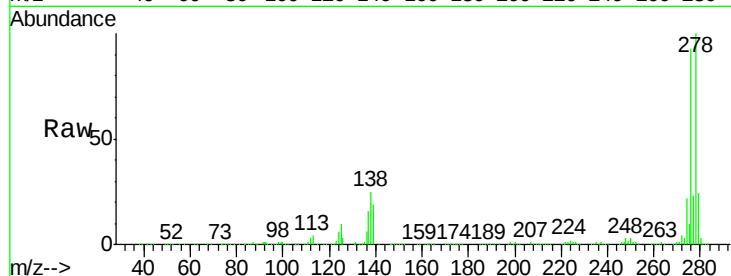
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.70 ng
RT: 16.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	26.0	39.0
277	25.3	20.1	30.1

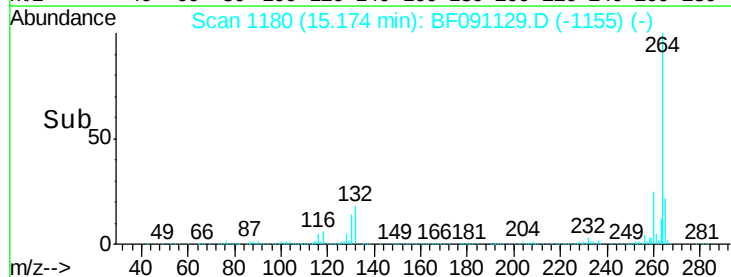
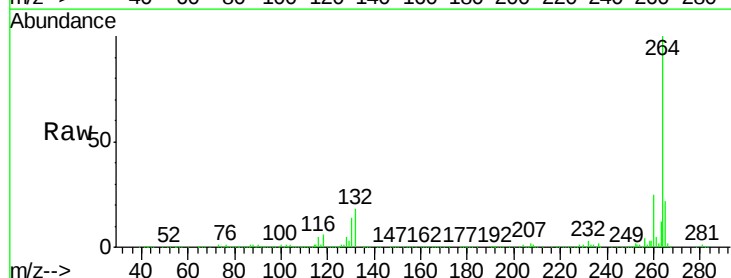
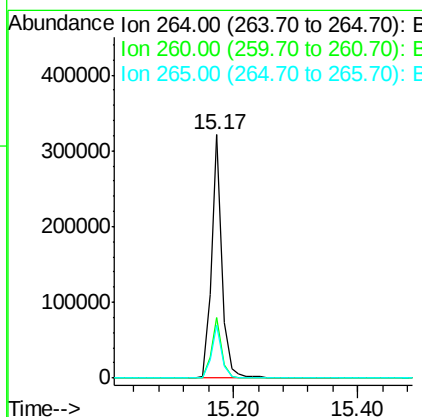
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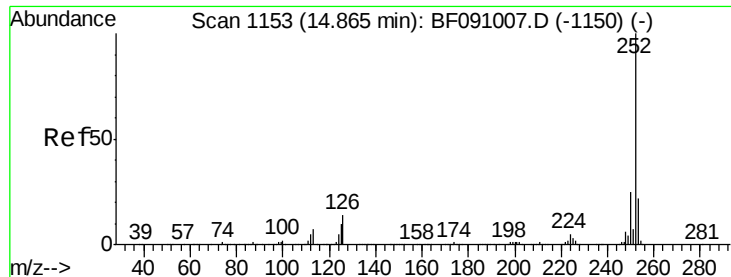
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.6	17.8	26.8





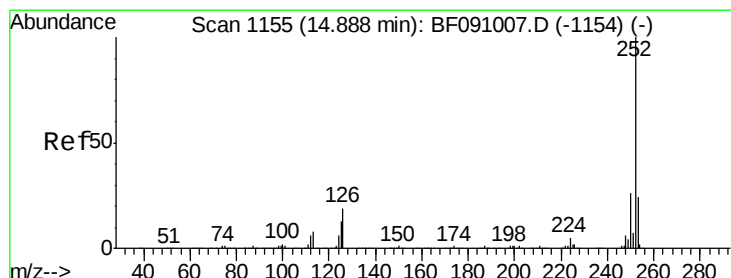
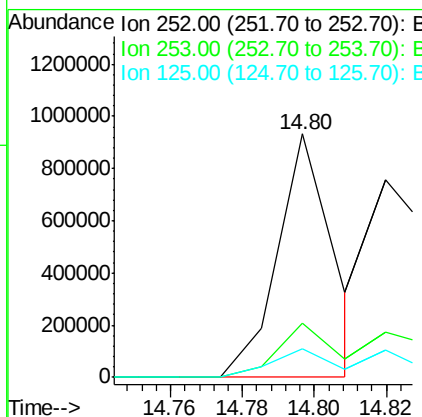
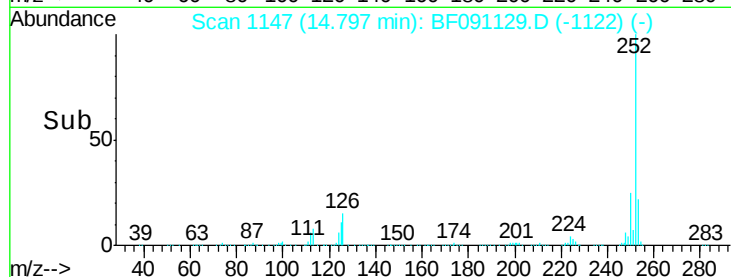
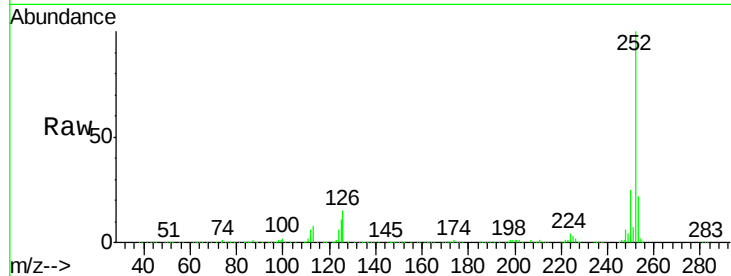
#87
Benzo(b)fluoranthene
Concen: 39.65 ng m
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.5	8.3	12.5

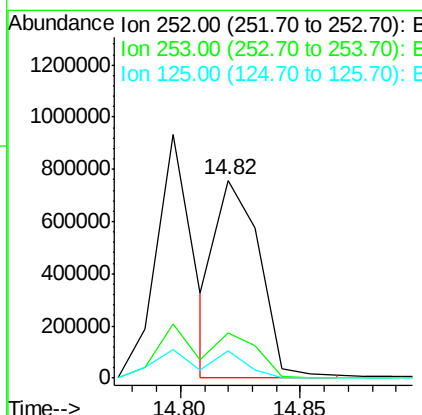
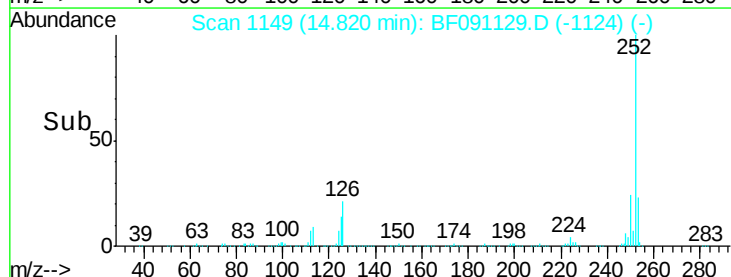
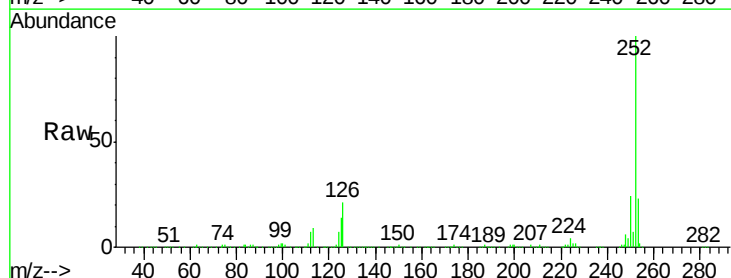
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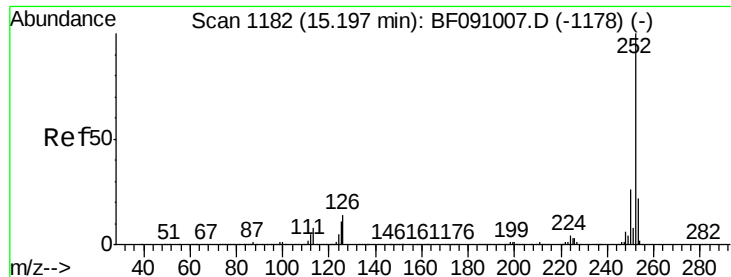
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#88
Benzo(k)fluoranthene
Concen: 43.56 ng m
RT: 14.82 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	14.1	11.2	16.8





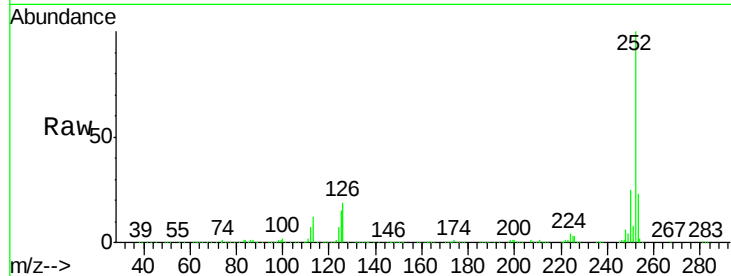
#89
Benzo(a)pyrene
Concen: 40.94 ng
RT: 15.12 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

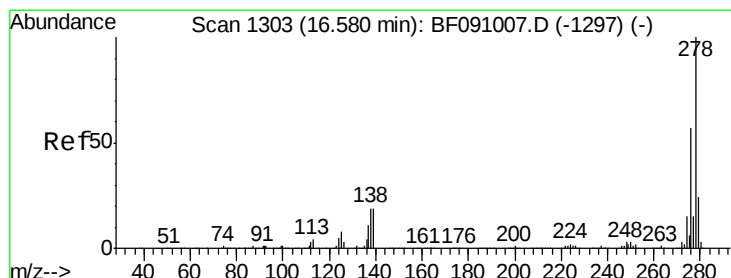
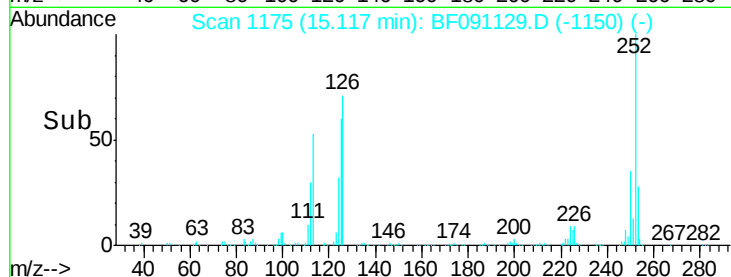
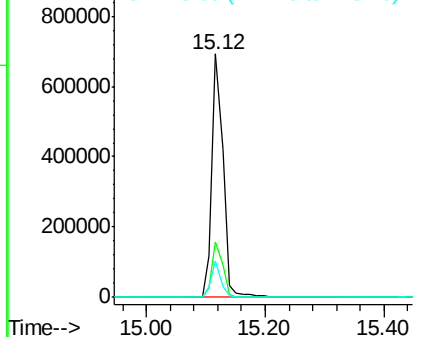
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	14.8	8.6	13.0

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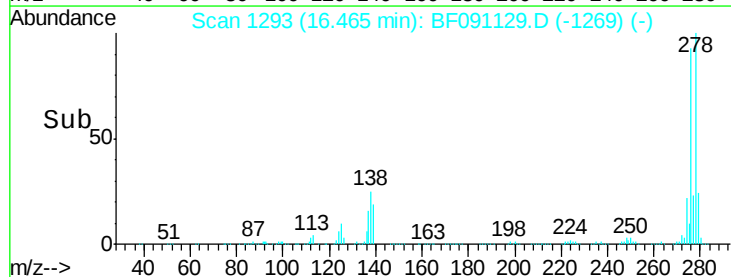
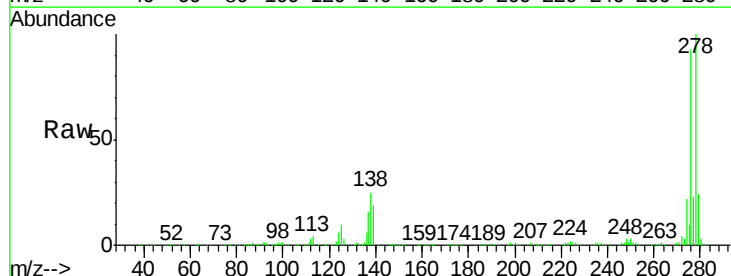
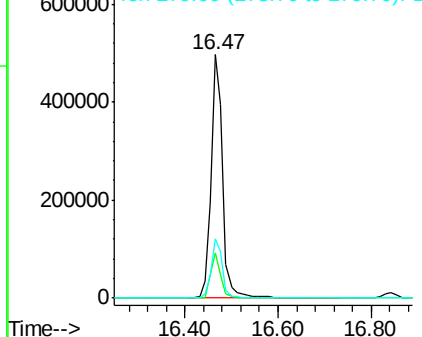
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

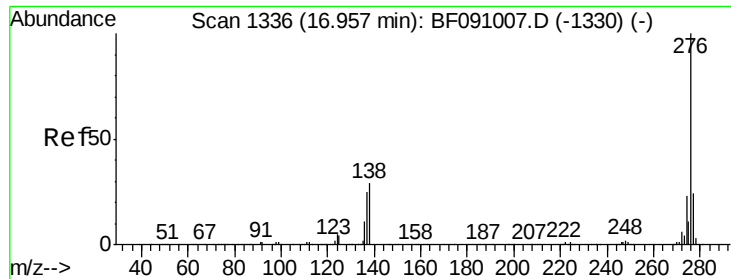


#90
Dibenzo(a,h)anthracene
Concen: 46.23 ng
RT: 16.47 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF091129.D
Acq: 9 Nov 2016 17:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.3	22.9
279	24.4	19.3	28.9

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





#91
 Benzo(a,h,i)perylene
 Concen: 47.87 ng
 RT: 16.84 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF091129.D
 Acq: 9 Nov 2016 17:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-74-110716MS

Tot Ion:	276	Resp:	816188
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.9	23.3	34.9

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