

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091475.D
 Acq On : 7 Dec 2016 17:55
 Operator : UM/SJ
 Sample : H5867-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Manual Integrations
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 12/8/2016 2:04:46 PM

Quant Time: Dec 08 00:44:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156111	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	585781	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	383017	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	646367	20.00	ng	0.00
75) Chrysene-d12	13.99	240	495305	20.00	ng	0.01
86) Perylene-d12	15.40	264	297037	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	874114	91.47	ng	0.02
7) Phenol-d6	6.47	99	1071170	91.06	ng	0.00
23) Nitrobenzene-d5	7.40	82	764270	73.12	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	459045	126.60	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1625867	76.86	ng	0.00
78) Terphenyl-d14	12.94	244	1649195	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	106181	24.56	ng	# 82
3) Pyridine	3.28	79	224871	18.38	ng	88
4) n-Nitrosodimethylamine	3.21	42	215511	33.57	ng	99
6) Aniline	6.50	93	129932	8.32	ng	# 76
8) 2-Chlorophenol	6.62	128	338709	32.33	ng	# 81
9) Benzaldehyde	6.38	77	67373	8.91	ng	84
10) Phenol	6.48	94	323164	23.35	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	320972	32.45	ng	98
12) 1,3-Dichlorobenzene	6.78	146	345259	29.62	ng	96
13) 1,4-Dichlorobenzene	6.85	146	345391	29.79	ng	95
14) 1,2-Dichlorobenzene	7.01	146	360689	33.40	ng	95
15) Benzyl Alcohol	6.97	79	297719	31.62	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	677272	31.85	ng	72
17) 2-Methylphenol	7.10	107	278640	33.64	ng	# 77
18) Hexachloroethane	7.35	117	131038	31.83	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	276217	37.27	ng	# 88
20) 3+4-Methylphenols	7.25	107	347409	34.36	ng	# 62
22) Acetophenone	7.25	105	500068	36.02	ng	# 83
24) Nitrobenzene	7.42	77	405960	37.93	ng	# 89
25) Isophorone	7.66	82	712532	38.48	ng	99
26) 2-Nitrophenol	7.74	139	194138	39.81	ng	# 79
27) 2,4-Dimethylphenol	7.77	122	317914	34.85	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	453950	40.73	ng	98
29) 2,4-Dichlorophenol	7.98	162	317986	39.62	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	323392	35.94	ng	99
31) Naphthalene	8.14	128	966069	34.70	ng	99
32) Benzoic acid	7.90	122	223736	33.27	ng	95
33) 4-Chloroaniline	8.20	127	57763	4.85	ng	95
34) Hexachlorobutadiene	8.26	225	206498	37.32	ng	98
35) Caprolactam	8.56	113	82357m	35.70	ng	
36) 4-Chloro-3-methylphenol	8.68	107	335573	38.73	ng	97
37) 2-Methylnaphthalene	8.84	142	768694	40.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	330455	30.60	ng	98
40) Hexachlorocyclopentadiene	8.98	237	387088	77.34	ng	99

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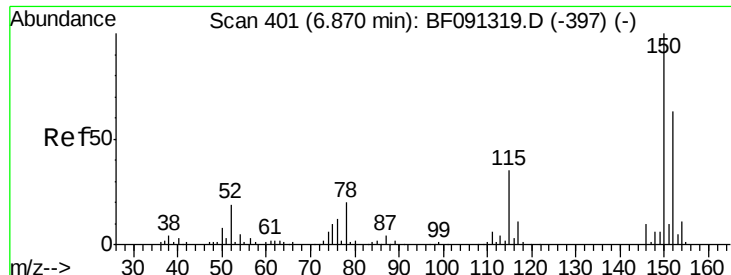
Manual Integrations
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Quant Time: Dec 08 00:44:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	249738m	35.59	nq	
43) 2,4,5-Trichlorophenol	9.16	196	256098m	36.42	nq	
45) 1,1'-Biphenyl	9.29	154	856199	31.09	nq	97
46) 2-Chloronaphthalene	9.32	162	648189	31.60	nq	98
47) 2-Nitroaniline	9.42	65	260833	35.41	nq	99
48) Acenaphthylene	9.74	152	1121790	34.74	nq	99
49) Dimethylphthalate	9.60	163	817323	35.24	nq	98
50) 2,6-Dinitrotoluene	9.66	165	186973	36.07	nq	95
51) Acenaphthene	9.91	154	861854	39.57	nq	96
52) 3-Nitroaniline	9.82	138	50756	8.46	nq	88
53) 2,4-Dinitrophenol	9.93	184	238426	105.18	nq	92
54) Dibenzofuran	10.08	168	1099405	37.70	nq	93
55) 4-Nitrophenol	9.99	139	244308	56.38	nq	93
56) 2,4-Dinitrotoluene	10.06	165	241546	35.92	nq	# 62
57) Fluorene	10.42	166	886374	39.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	239473	39.88	nq	96
59) Diethylphthalate	10.30	149	819389	35.79	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	396036	35.27	nq	# 89
61) 4-Nitroaniline	10.44	138	122099	21.67	nq	88
62) Azobenzene	10.57	77	874093	37.42	nq	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	173169	48.63	nq	# 44
65) n-Nitrosodiphenylamine	10.53	169	496551	25.34	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	294242	42.35	nq	# 81
67) Hexachlorobenzene	10.96	284	281244	37.46	nq	# 74
68) Atrazine	11.05	200	71832	11.32	nq	98
69) Pentachlorophenol	11.16	266	339653	76.85	nq	97
70) Phenanthrene	11.38	178	1259443	37.50	nq	97
71) Anthracene	11.43	178	1279509	38.39	nq	99
72) Carbazole	11.58	167	672097	22.22	nq	98
73) Di-n-butylphthalate	11.92	149	1431930	41.77	nq	100
74) Fluoranthene	12.56	202	1270414	39.93	nq	100
77) Pyrene	12.79	202	1337333	35.58	nq	99
79) Butylbenzylphthalate	13.42	149	574256	40.80	nq	# 79
80) Benzo(a)anthracene	13.98	228	1054234	36.40	nq	97
82) Chrysene	14.01	228	1041430	36.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	796189	44.63	nq	# 92
84) Di-n-octyl phthalate	14.59	149	1198992	44.41	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	786471	29.96	nq	# 91
87) Benzo(b)fluoranthene	15.00	252	834191	45.18	nq	# 97
88) Benzo(k)fluoranthene	15.03	252	861440m	55.48	nq	
89) Benzo(a)pyrene	15.34	252	741555	44.73	nq	# 96
90) Dibenzo(a,h)anthracene	16.80	278	676438	44.11	nq	# 93
91) Benzo(g,h,i)perylene	17.20	276	641573	40.58	nq	# 94

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



#1

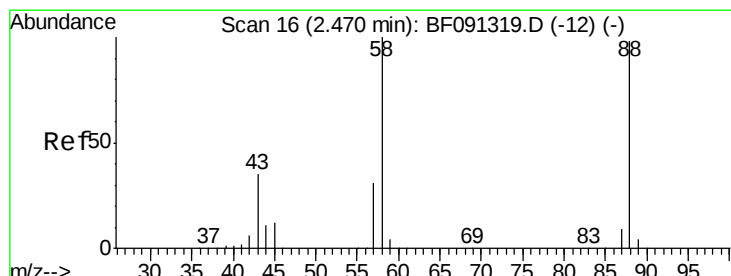
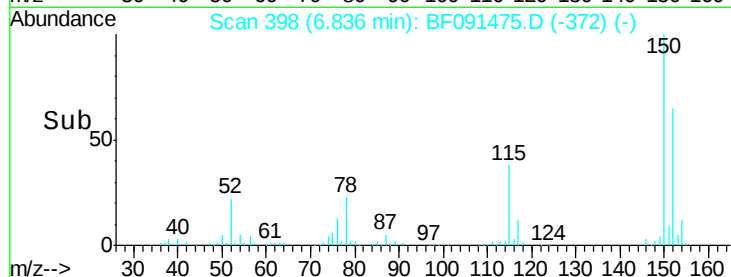
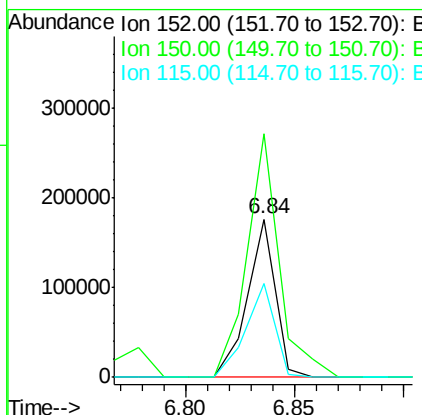
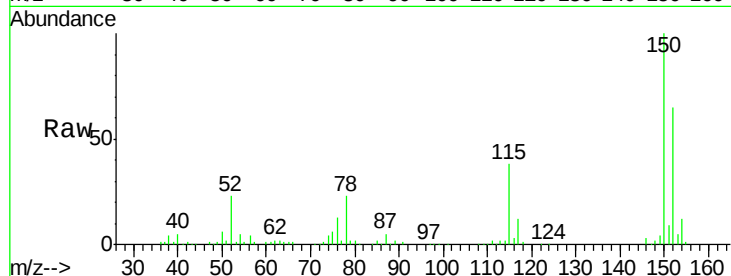
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.5	183.7
115	59.1	51.8	77.8

Manual Integrations
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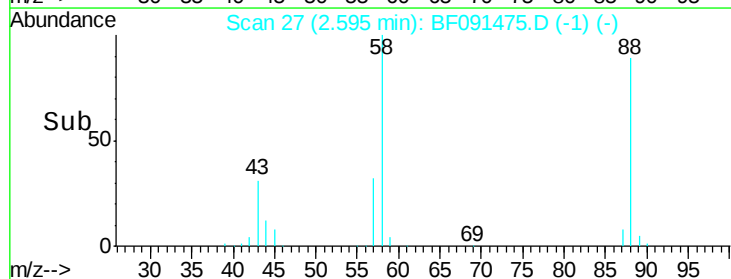
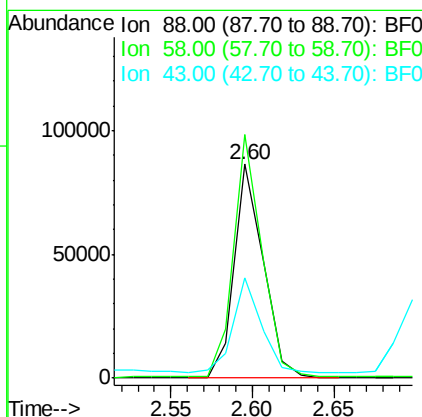
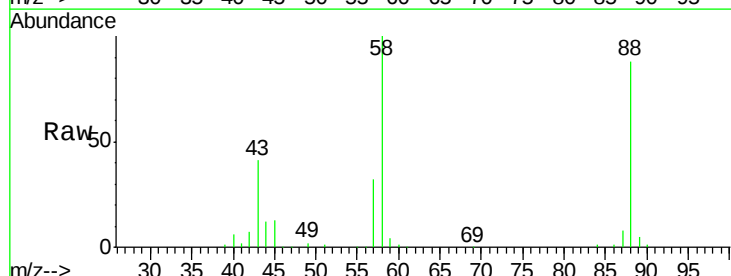
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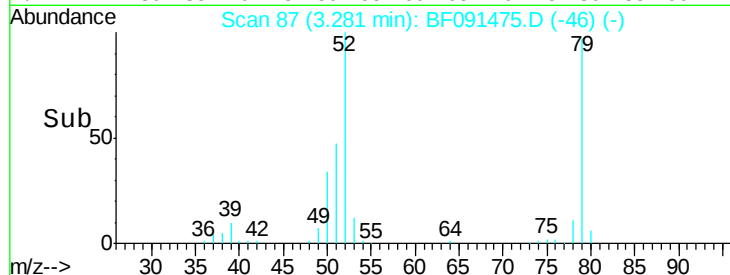
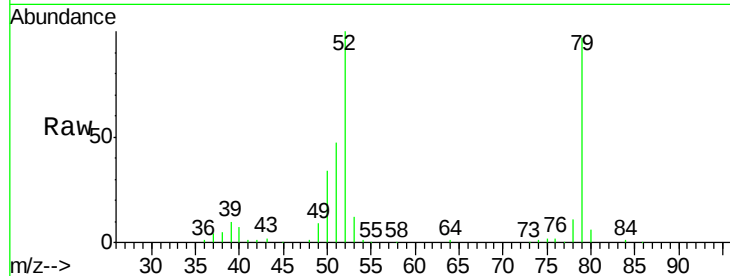
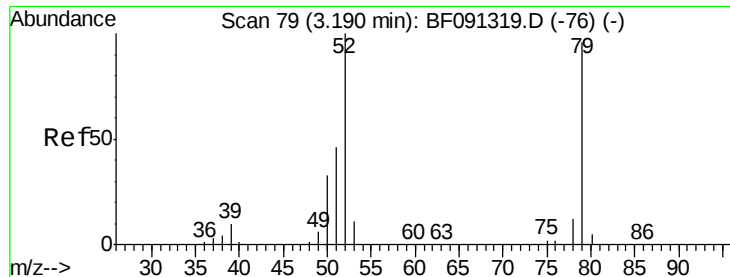


#2

1,4-Dioxane
Concen: 24.56 ng
RT: 2.60 min Scan# 27
Delta R.T. 0.19 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.4	70.3	105.5#
43	42.4	31.3	46.9





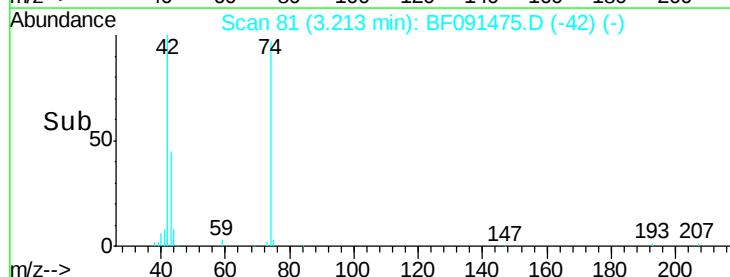
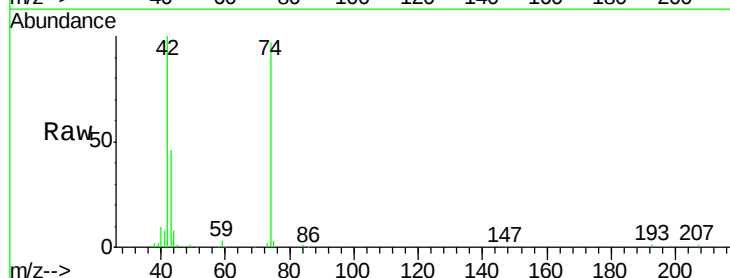
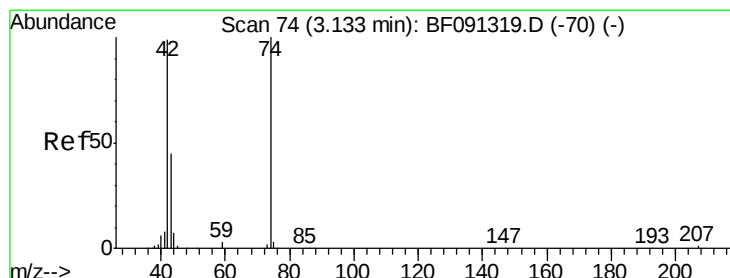
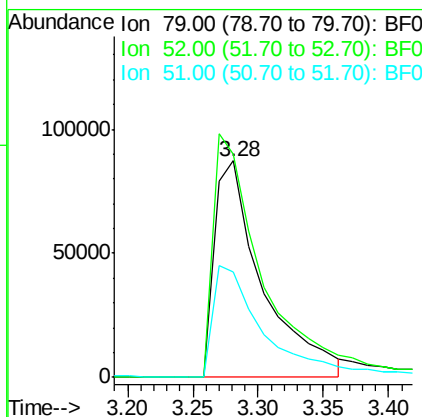
#3
 Pvridine
 Concen: 18.38 ng
 RT: 3.28 min Scan# 87
 Delta R.T. 0.17 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		224871		
52	103.3	71.0	106.4		
51	48.8	37.0	55.4		

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

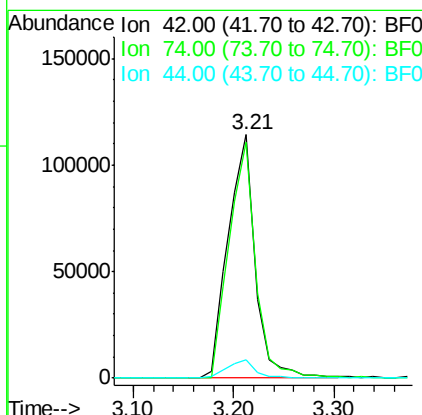
Manual Integrations
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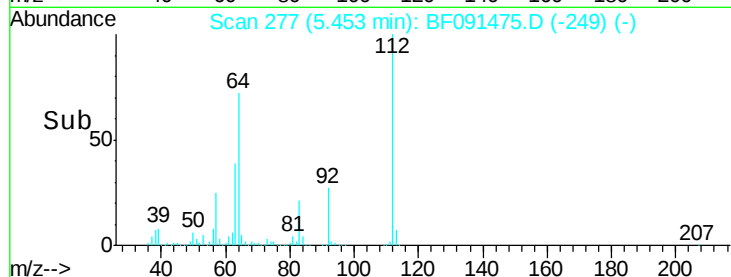
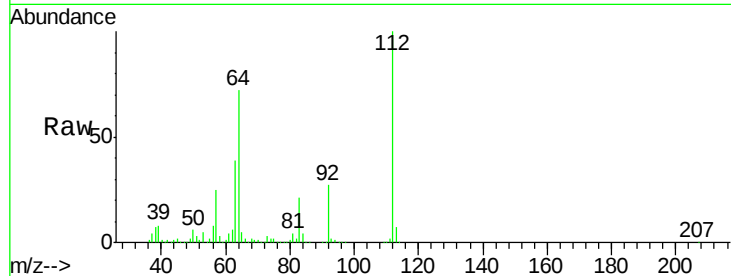
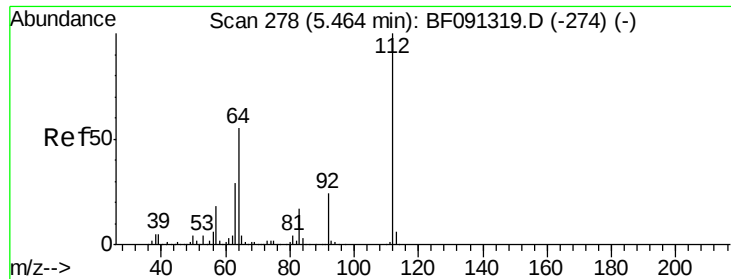
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#4
 n-Nitrosodimethylamine
 Concen: 33.57 ng
 RT: 3.21 min Scan# 81
 Delta R.T. 0.15 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		215511		
74	97.2	78.9	118.3		
44	7.7	5.8	8.6		





#5

2-Fluorophenol

Concen: 91.47 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tot Ion:	112	Resp:	874114
Ion Ratio	Lower	Upper	
112	100		
64	72.1	61.5	92.3
63	38.7	33.3	49.9

Instrument :

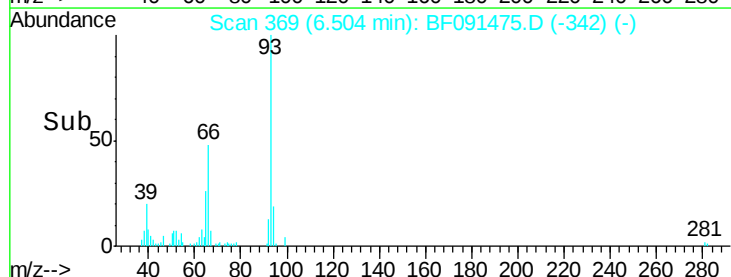
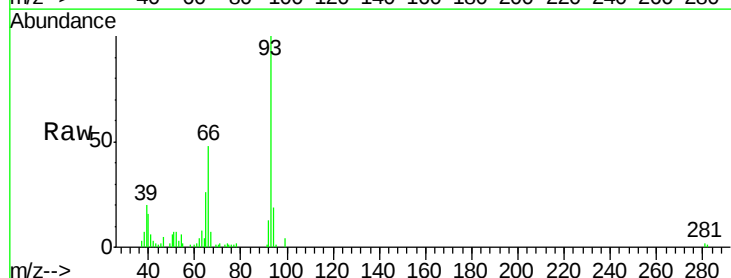
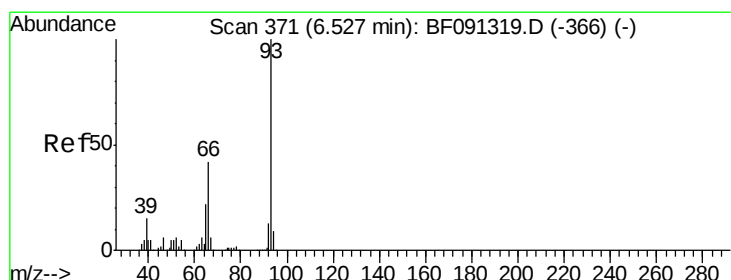
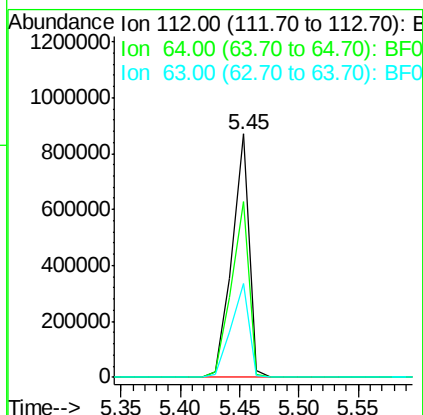
BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Manual Integrations
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#6

Aniline

Concen: 8.32 ng

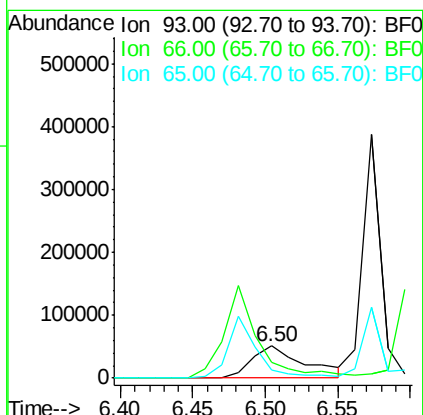
RT: 6.50 min Scan# 369

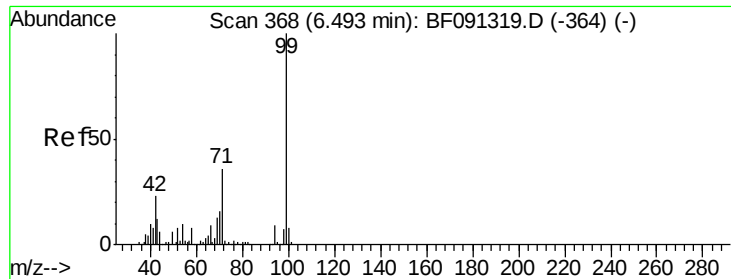
Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:	93	Resp:	129932
Ion Ratio	Lower	Upper	
93	100		
66	47.8	55.8	83.6#
65	25.9	29.9	44.9#





#7

Phenol-d6

Concen: 91.06 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion: 99 Resp: 1071170

Ion Ratio Lower Upper

99 100

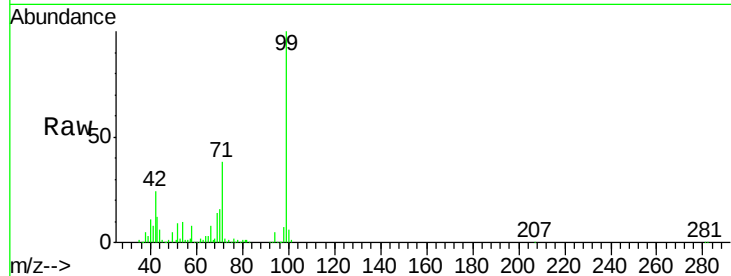
42 23.8 20.6 31.0

71 37.6 29.9 44.9

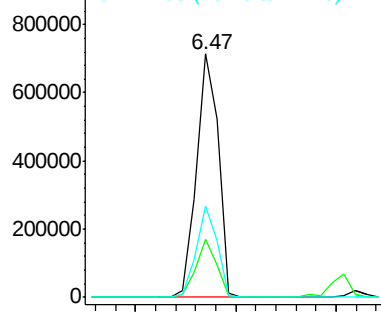
Manual Integrations
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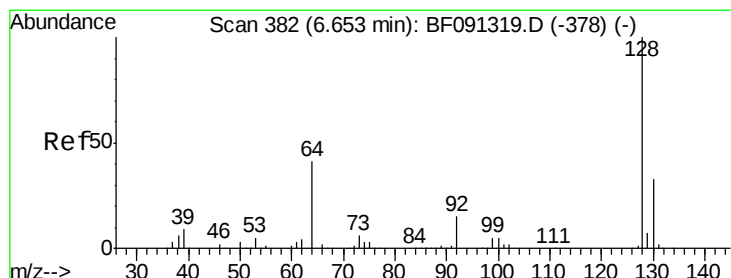
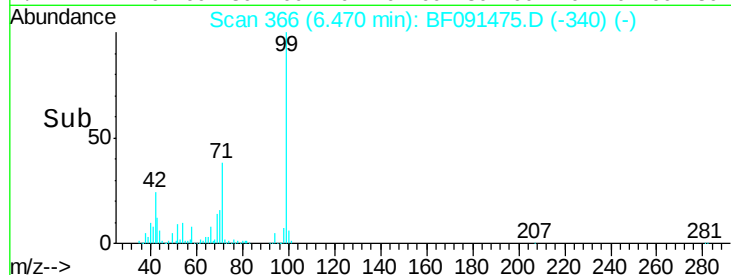
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 32.33 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

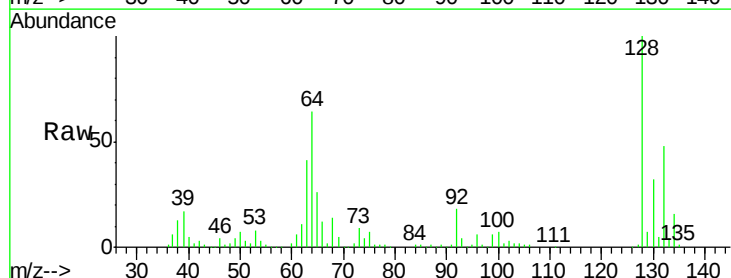
Tgt Ion: 128 Resp: 338709

Ion Ratio Lower Upper

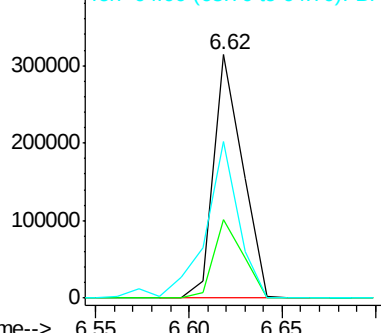
128 100

130 32.2 13.1 53.1

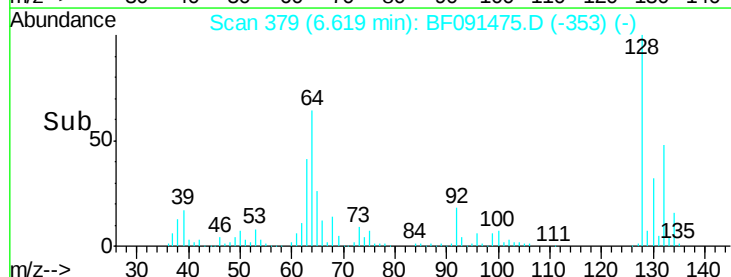
64 64.5 24.1 64.1#

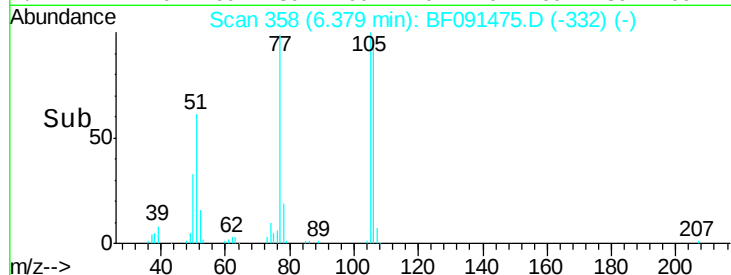
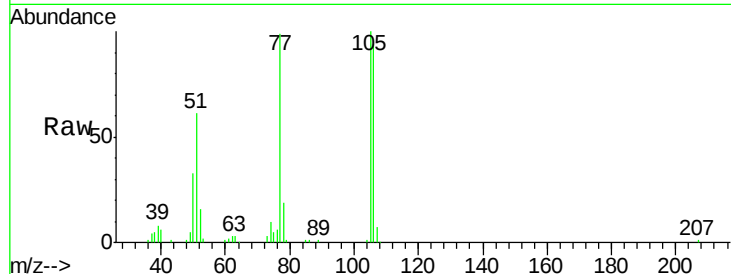
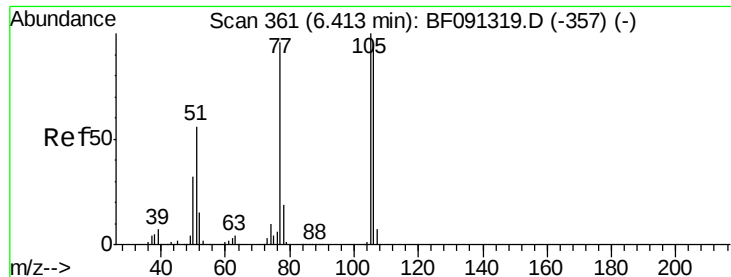


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->





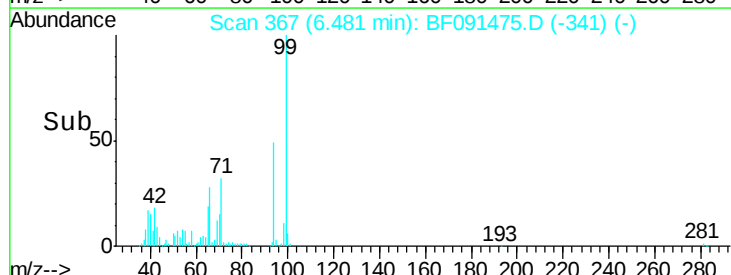
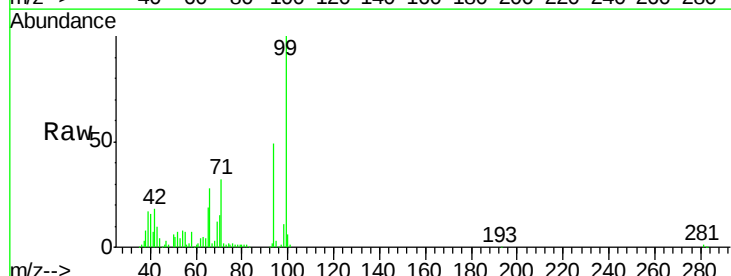
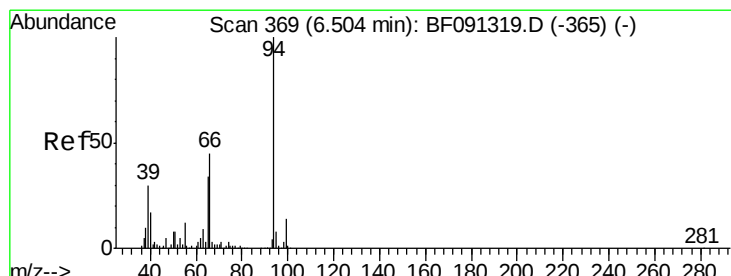
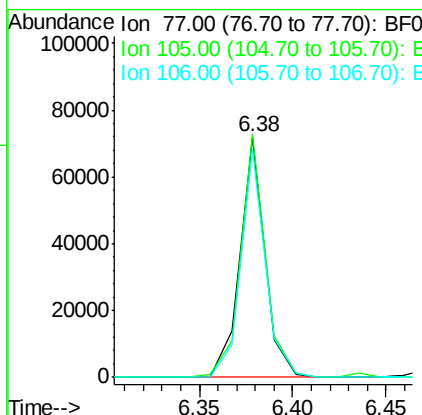
#9
Benzaldehyde
Concen: 8.91 ng
RT: 6.38 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.5	66.4		106.4	
106	95.0	60.9		100.9	

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

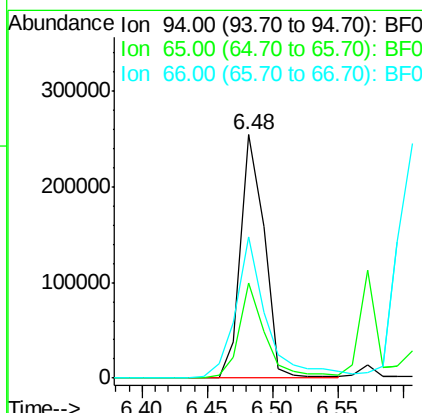
Manual Integrations
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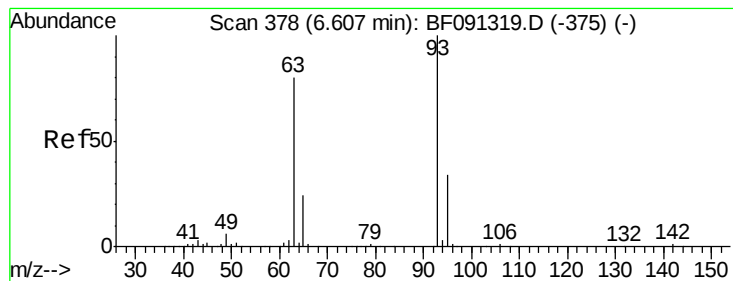
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#10
Phenol
Concen: 23.35 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.9	16.9		56.9	
66	57.8	30.6		70.6	





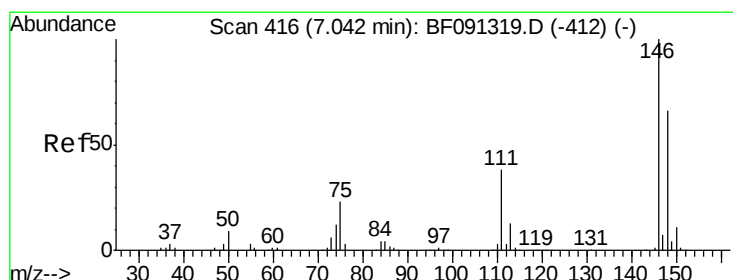
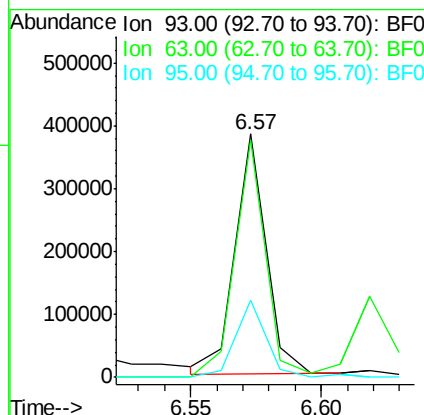
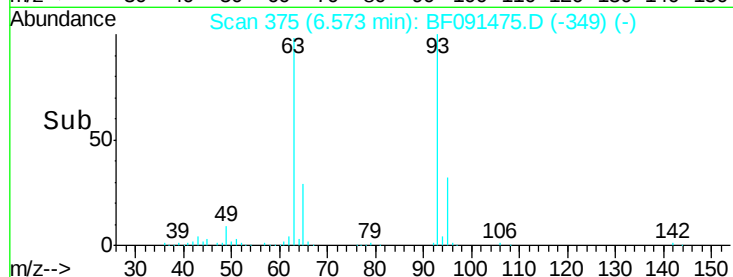
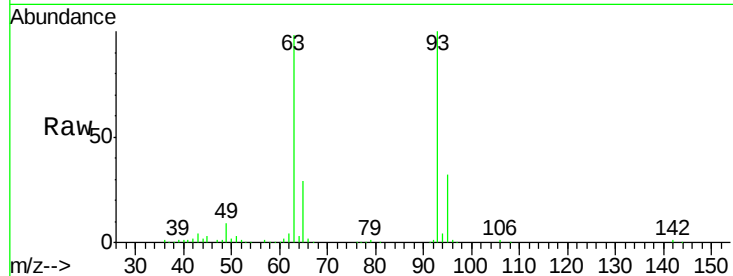
#11
bis(2-Chloroethyl)ether
Concen: 32.45 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	97.5	74.8	114.8
95	31.5	12.4	52.4

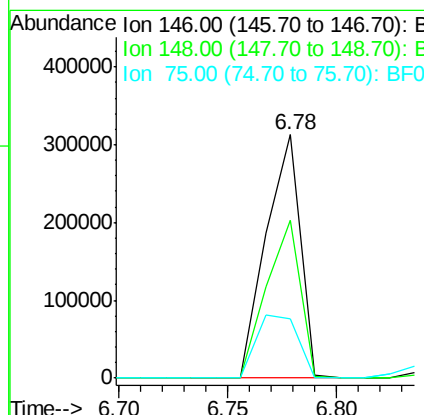
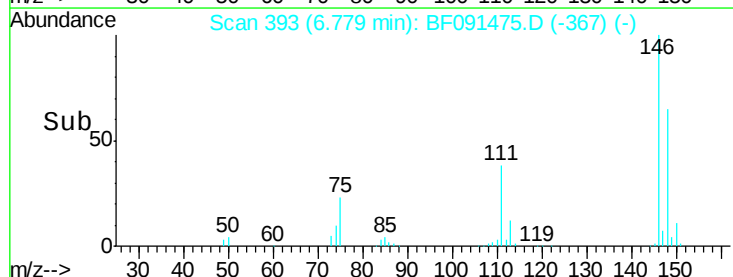
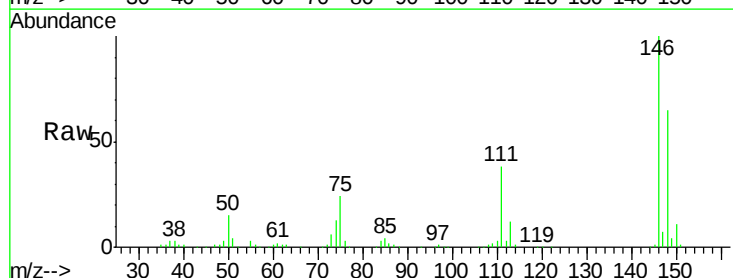
Manual Integrations
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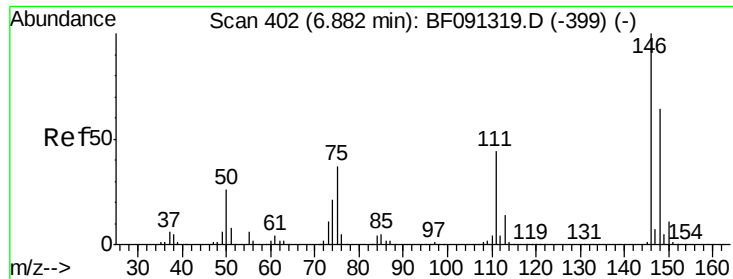
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#12
1,3-Dichlorobenzene
Concen: 29.62 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	24.3	23.6	35.4





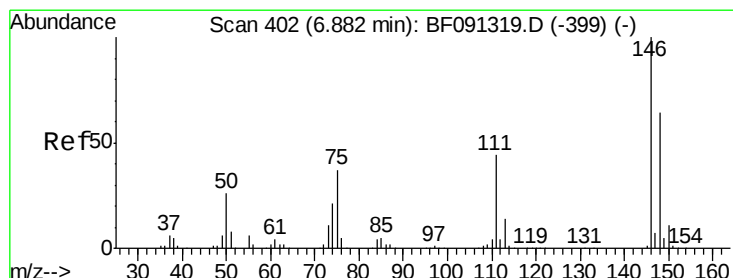
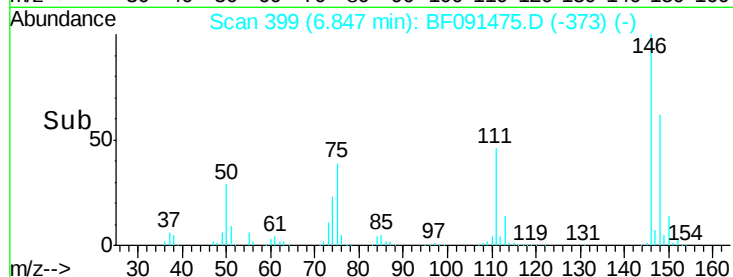
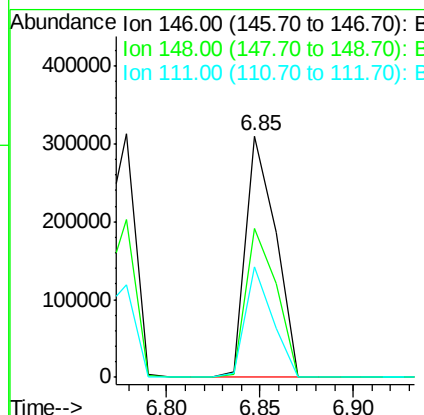
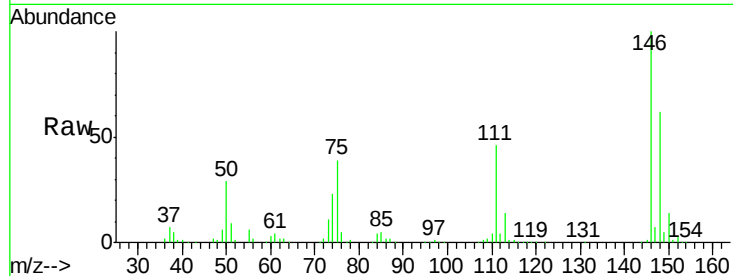
#13
 1,4-Dichlorobenzene
 Concen: 29.79 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
111	45.6	32.2	48.2

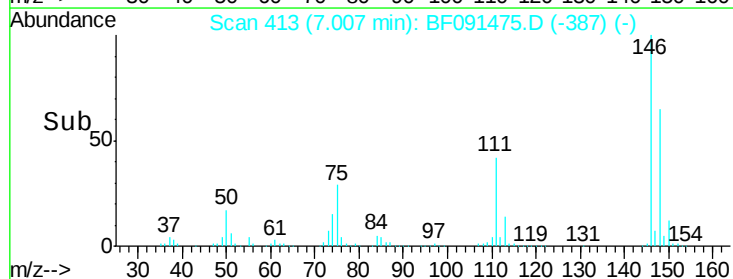
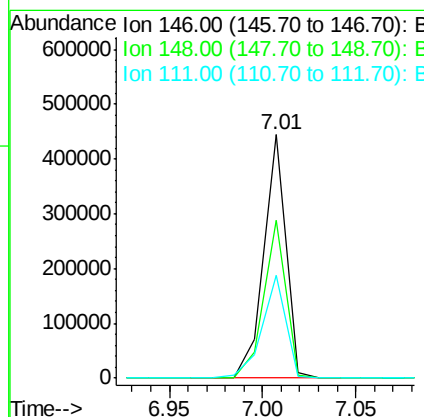
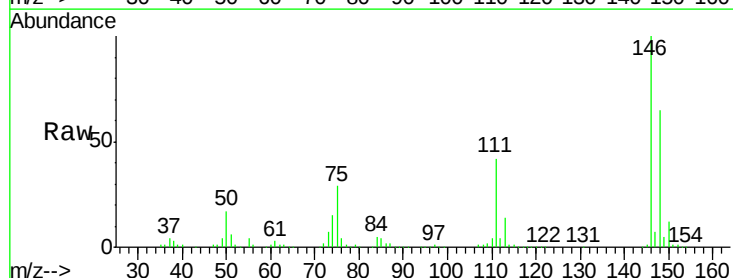
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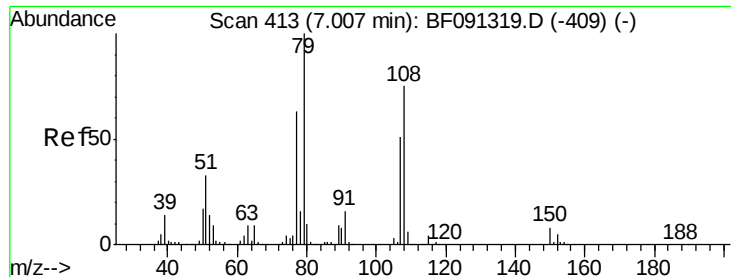
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#14
 1,2-Dichlorobenzene
 Concen: 33.40 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	42.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 31.62 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

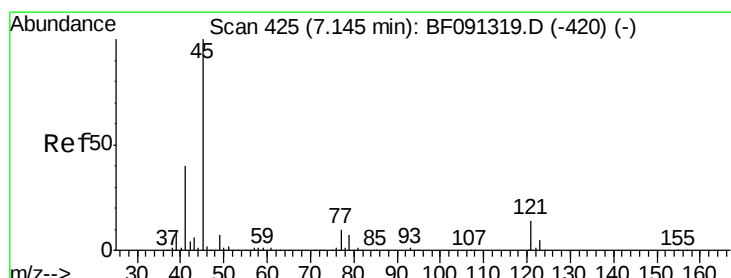
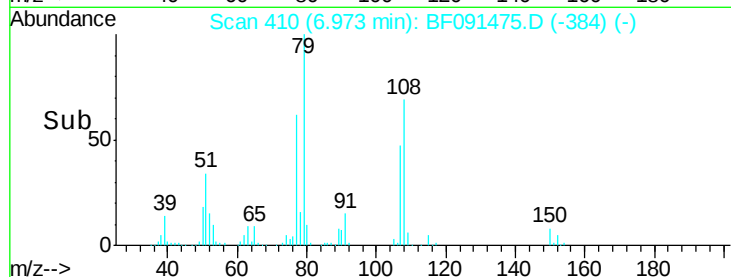
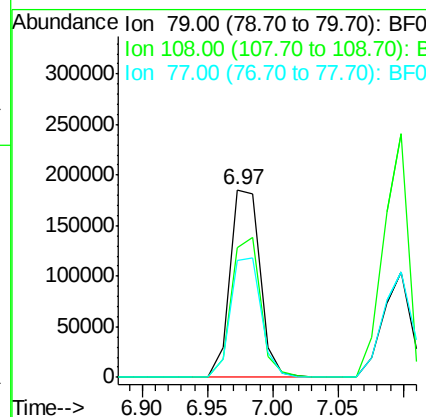
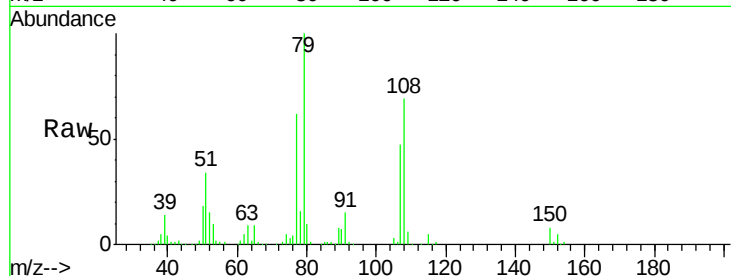
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:	79	Resp:	297719
Ion Ratio	Lower	Upper	
79	100		
108	69.3	62.7	94.1
77	62.3	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.85 ng

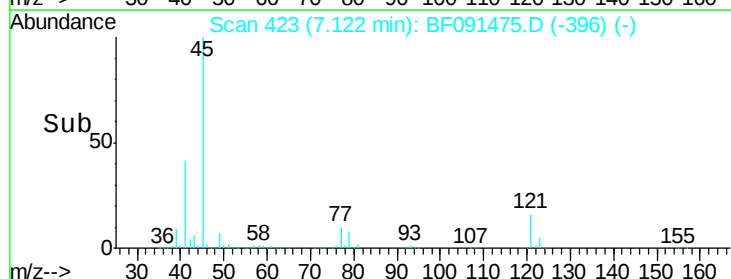
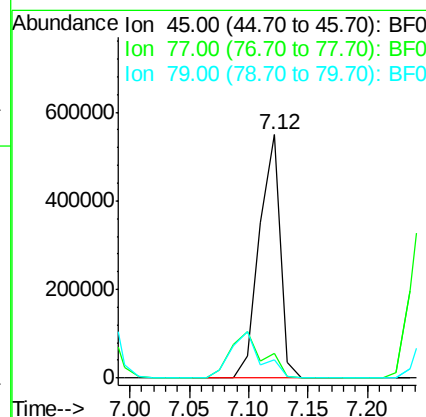
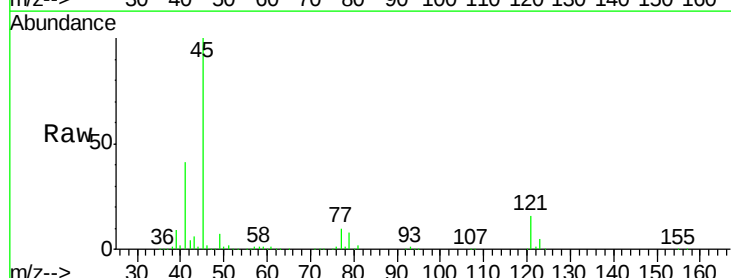
RT: 7.12 min Scan# 423

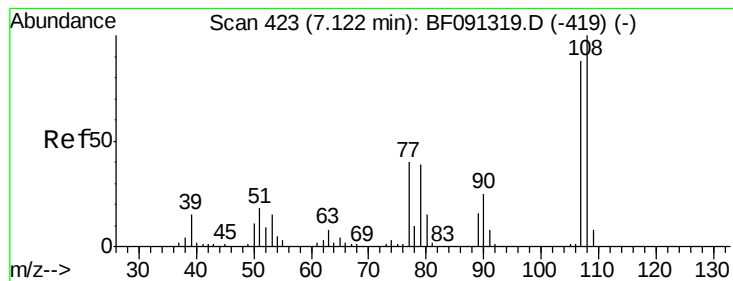
Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:	45	Resp:	677272
Ion Ratio	Lower	Upper	
45	100		
77	9.9	3.8	43.8
79	7.7	0.2	40.2





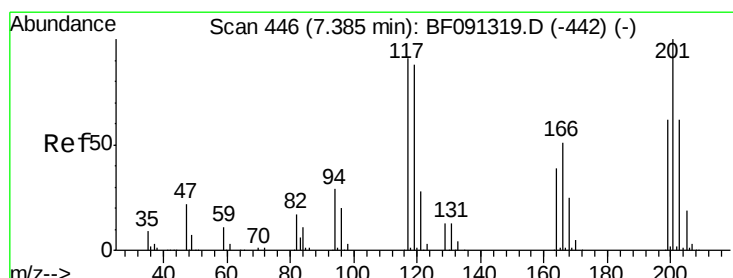
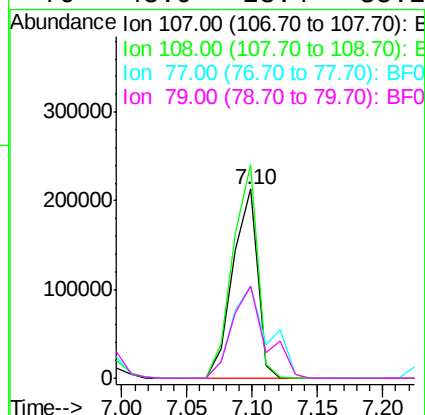
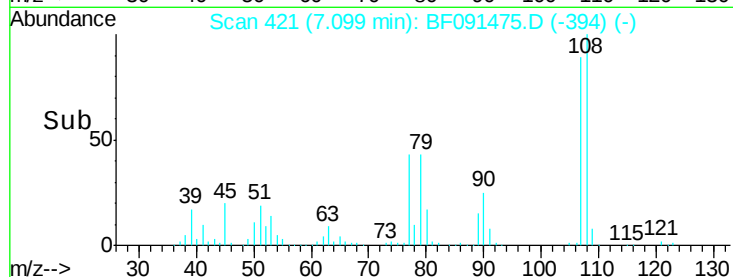
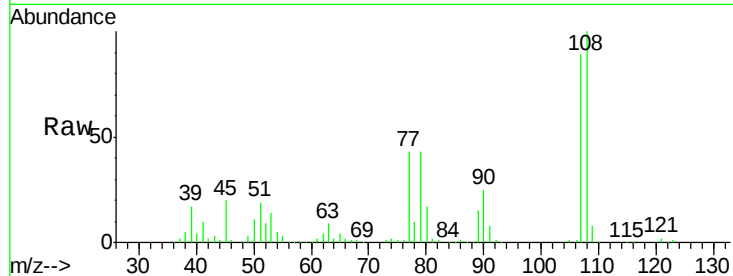
#17
2-Methylphenol
Concen: 33.64 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	67.7	101.5#
77	49.1	40.7	61.1
79	48.9	23.4	35.2#

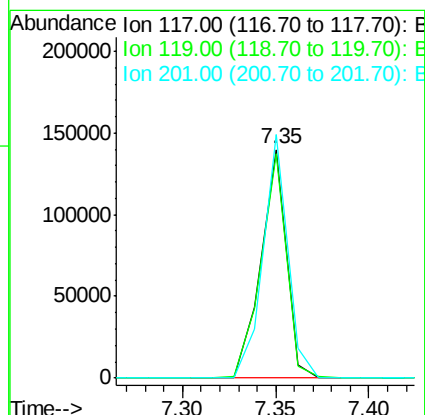
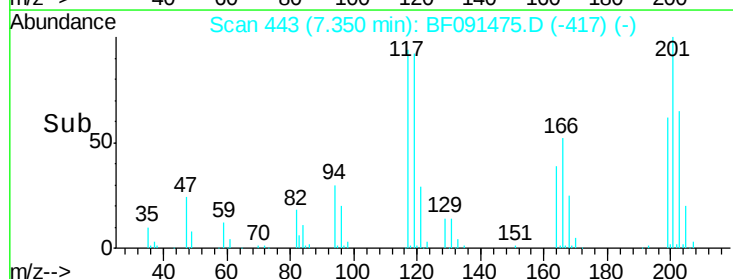
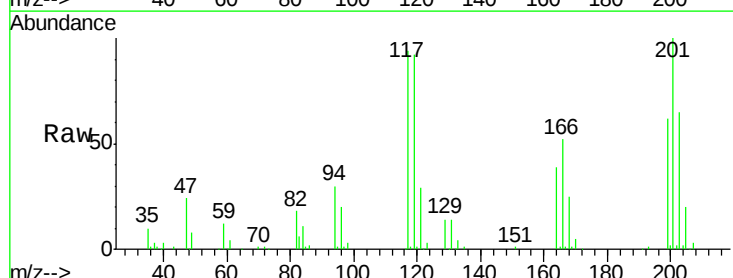
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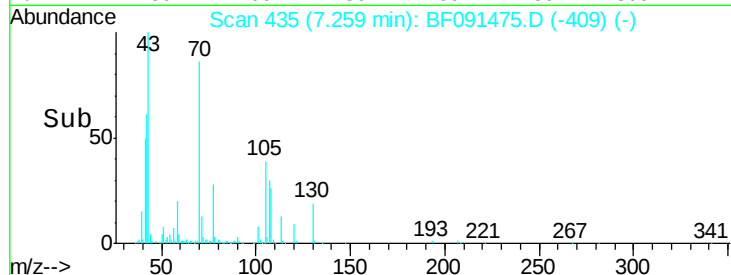
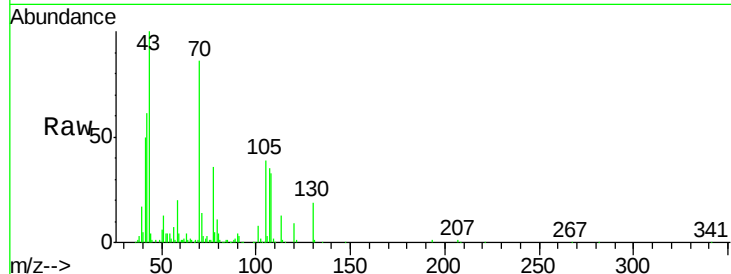
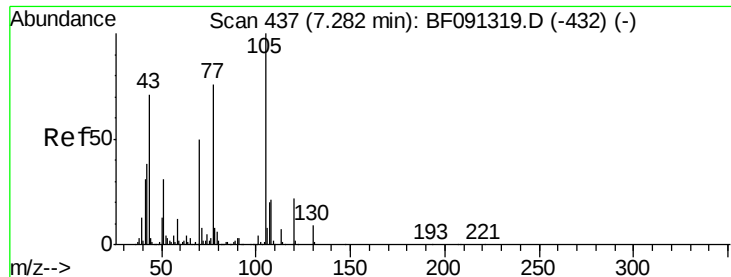
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#18
Hexachloroethane
Concen: 31.83 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.6	118.0
201	106.6	86.7	130.1





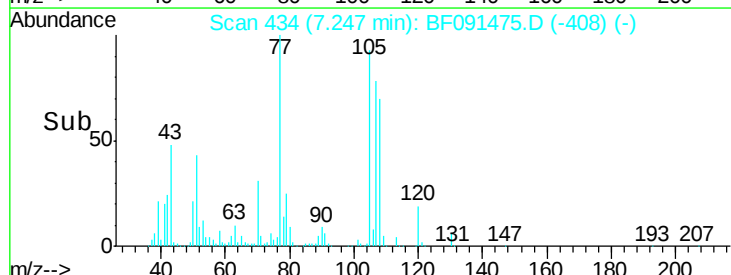
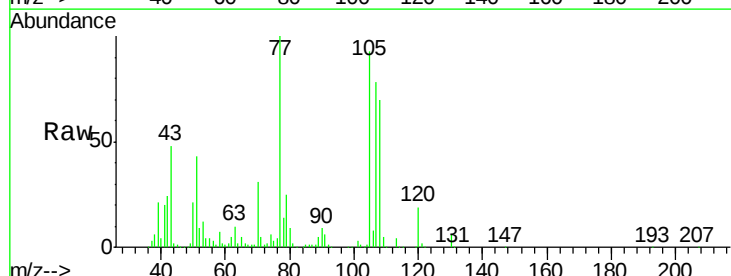
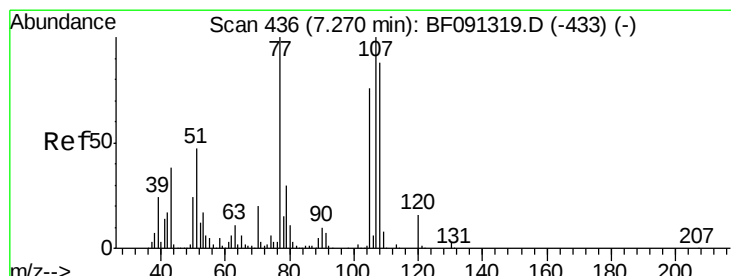
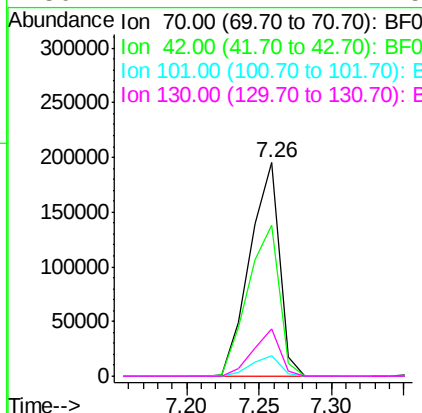
#19
n-Nitroso-di-n-propylamine
Concen: 37.27 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.5	64.8	97.2
101	9.3	6.2	9.4
130	22.1	11.7	17.5#

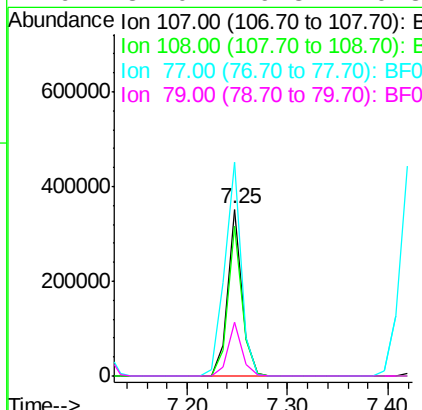
Manual Integrations
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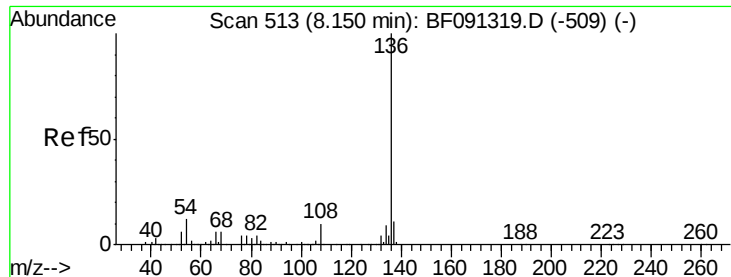
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#20
3+4-Methylphenols
Concen: 34.36 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	64.6	104.6
77	128.0	30.9	70.9#
79	32.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

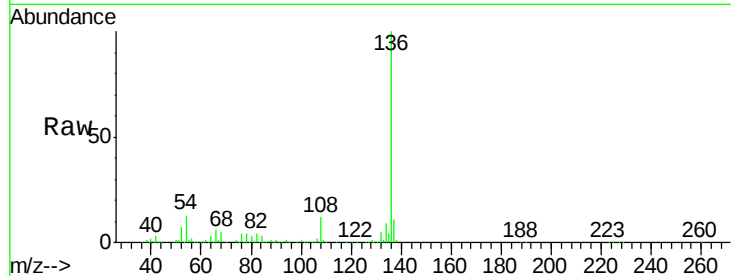
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	585781		
137	11.3	9.1	13.7	
54	12.8	9.1	13.7	
68	5.4	5.9	8.9#	

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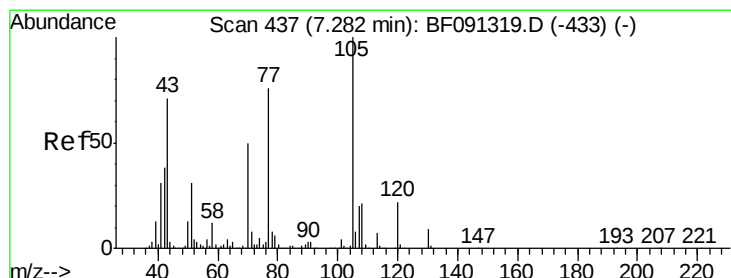
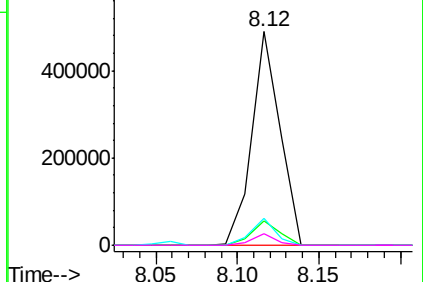
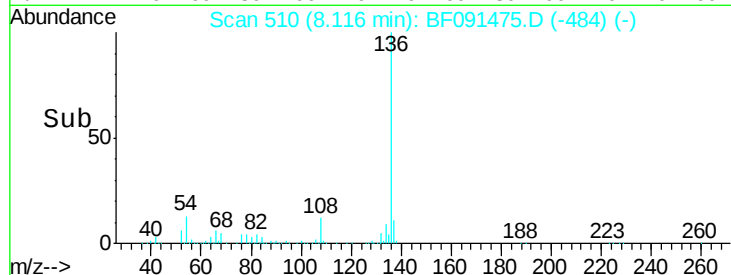
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 36.02 ng

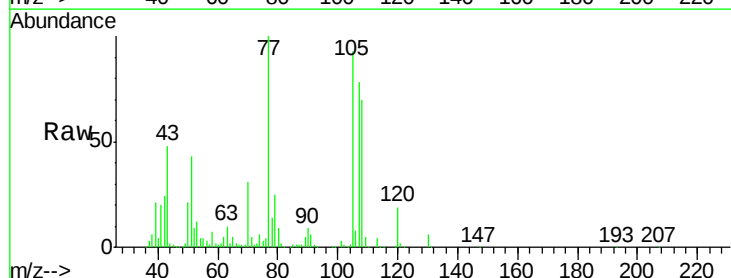
RT: 7.25 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500068		
71	5.4	7.9	11.9#	
51	46.8	24.5	36.7#	
120	20.2	16.6	24.8	



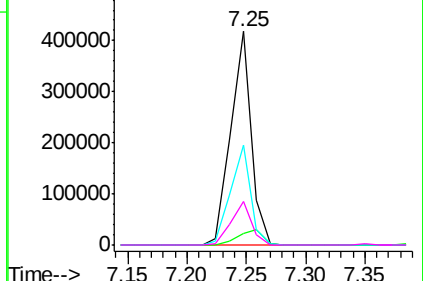
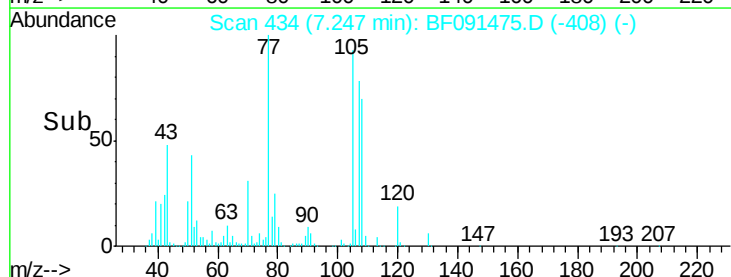
Abundance Ion 105.00 (104.70 to 105.70): E

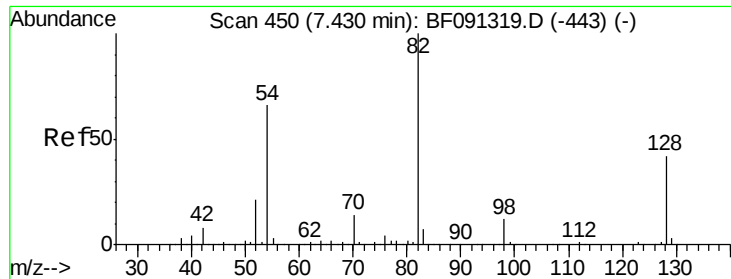
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





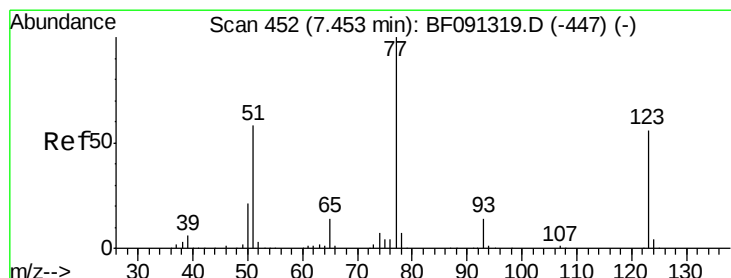
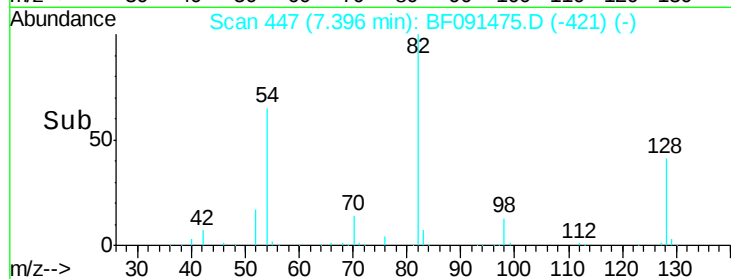
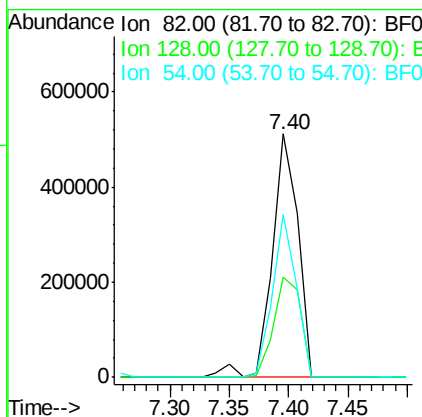
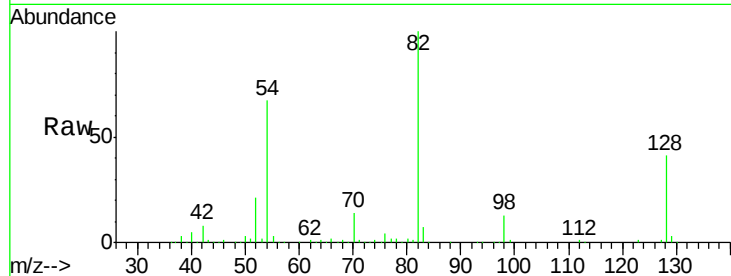
#23
Nitrobenzene-d5
Concen: 73.12 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.6
54	67.2	49.1	73.7

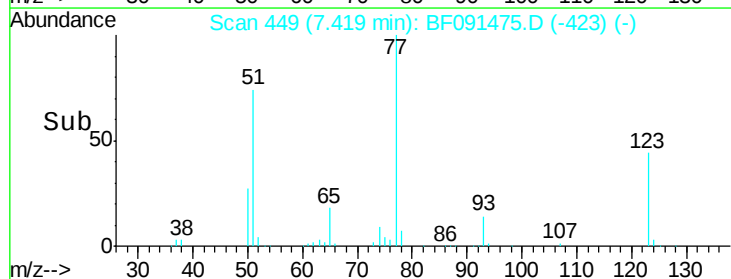
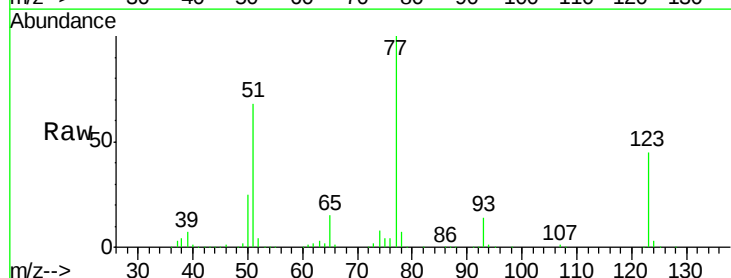
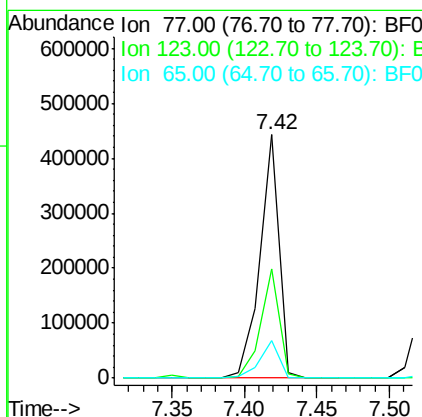
Manual Integrations
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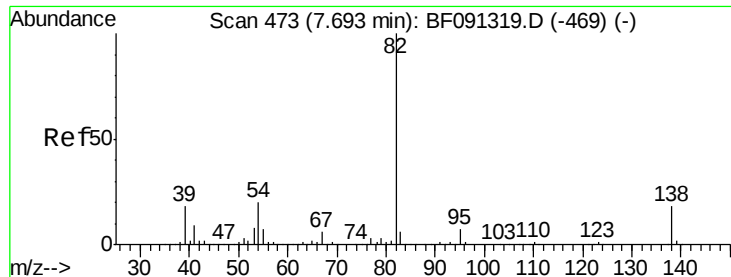
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#24
Nitrobenzene
Concen: 37.93 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	28.5	42.7#
65	15.5	12.5	18.7





#25

Isophorone

Concen: 38.48 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

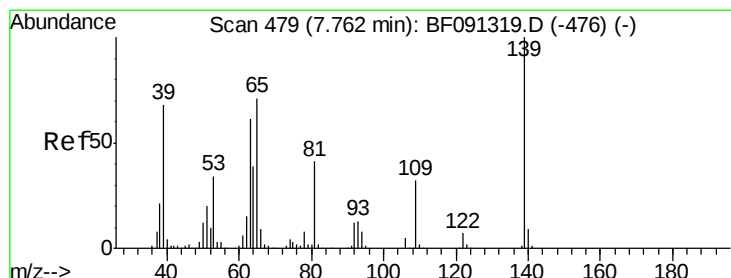
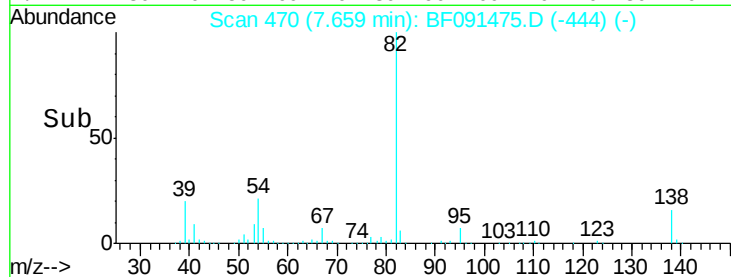
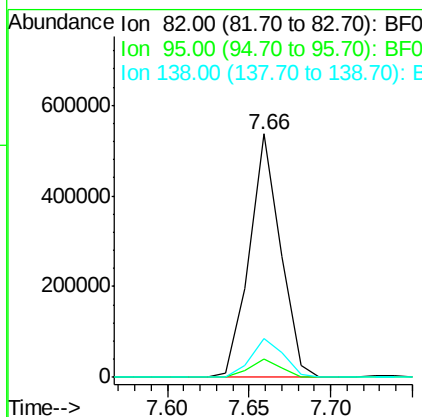
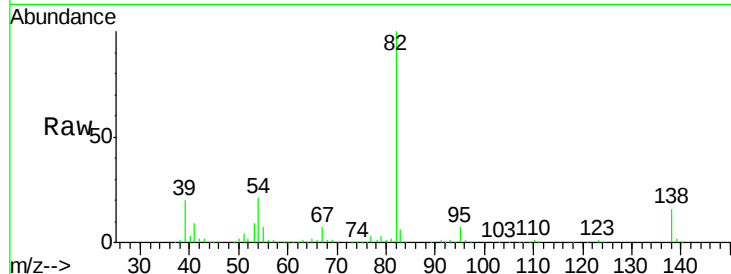
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:	82	Resp:	712532
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	15.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 39.81 ng

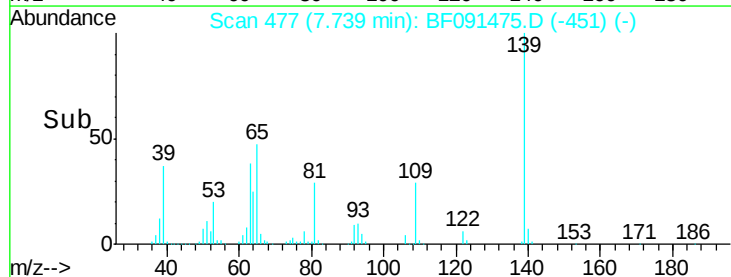
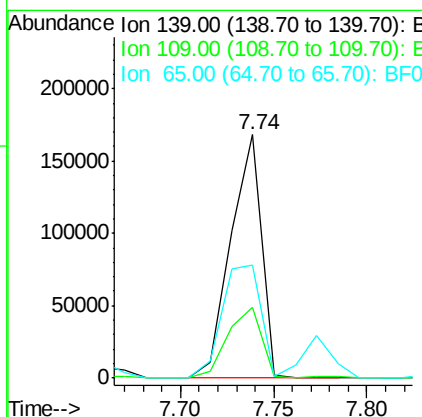
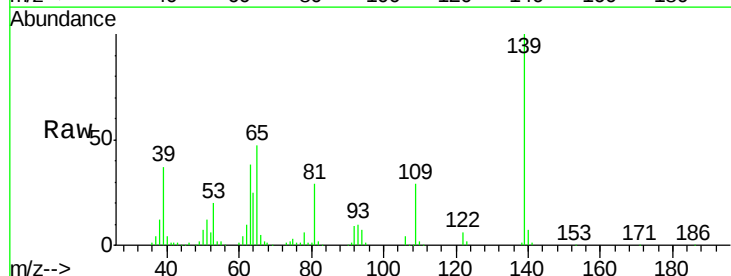
RT: 7.74 min Scan# 477

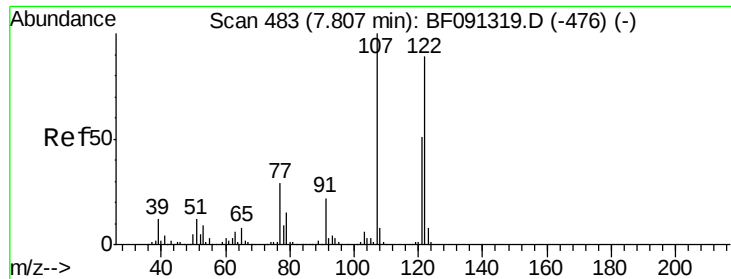
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:	139	Resp:	194138
Ion Ratio	Lower	Upper	
139	100		
109	29.0	25.3	37.9
65	46.6	55.4	83.2#





#27

2,4-Dimethylphenol

Concen: 34.85 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

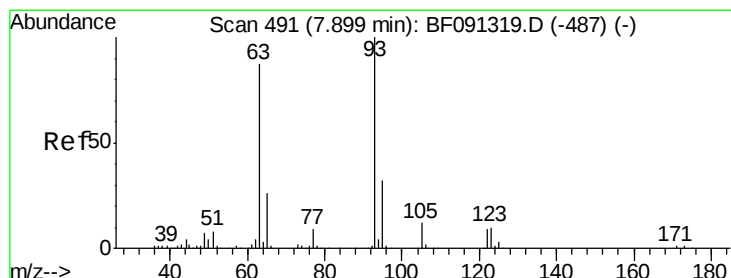
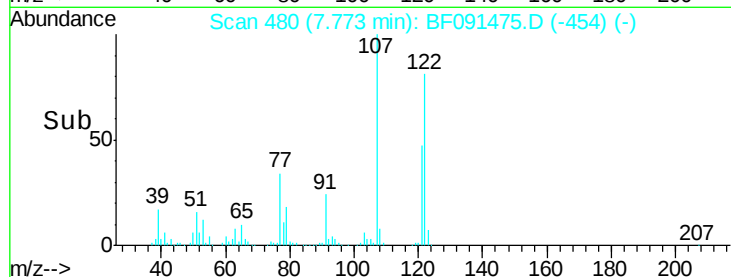
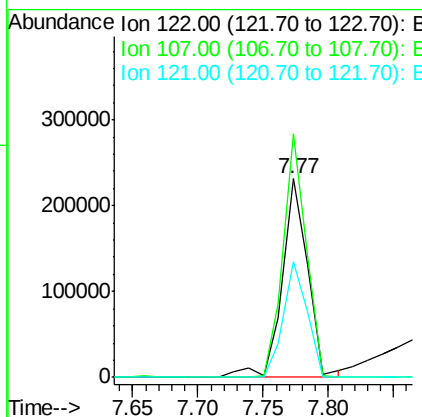
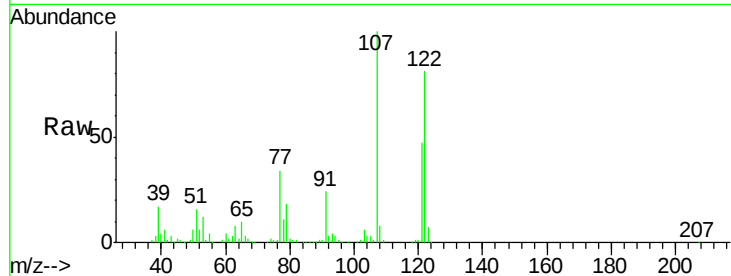
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317914		
107	122.8	96.8	145.2	
121	58.0	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.73 ng

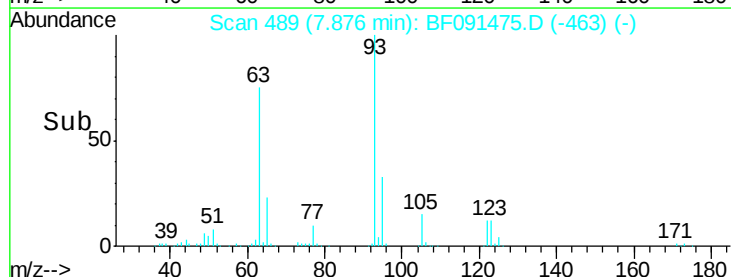
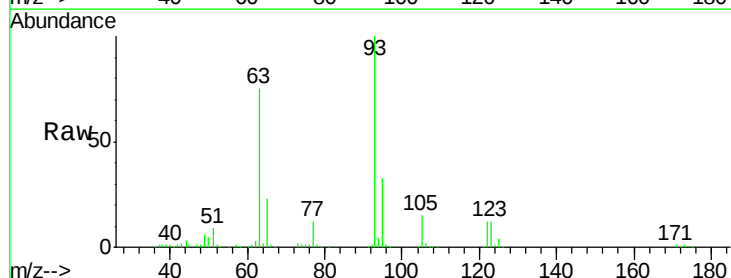
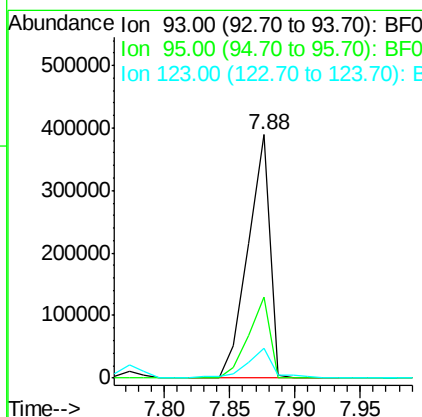
RT: 7.88 min Scan# 489

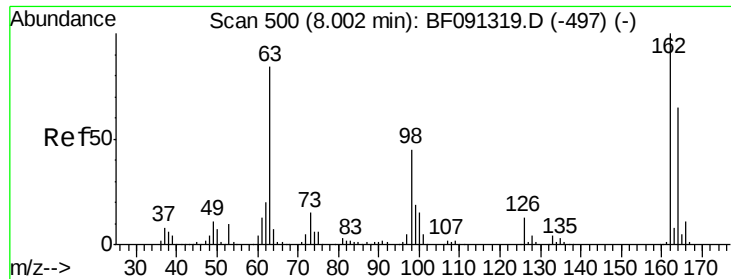
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	453950		
95	33.2	26.0	39.0	
123	12.3	8.6	12.8	





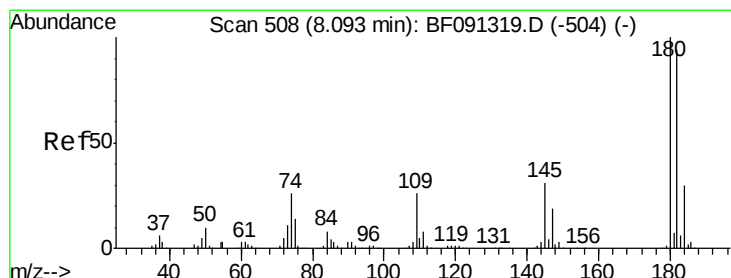
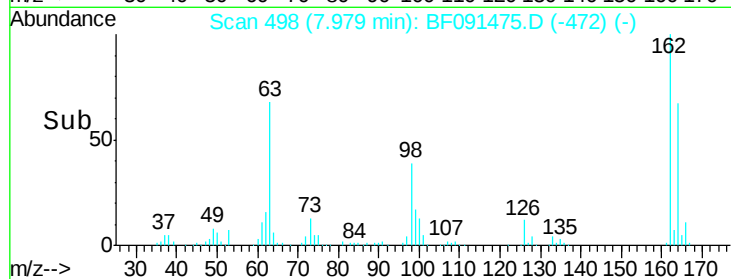
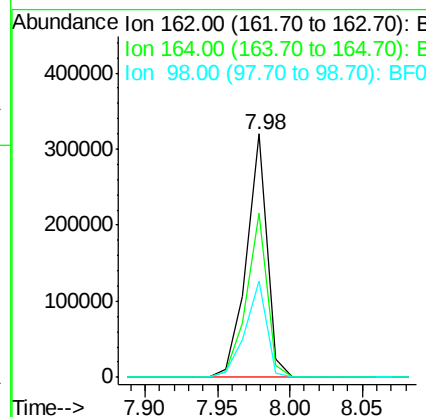
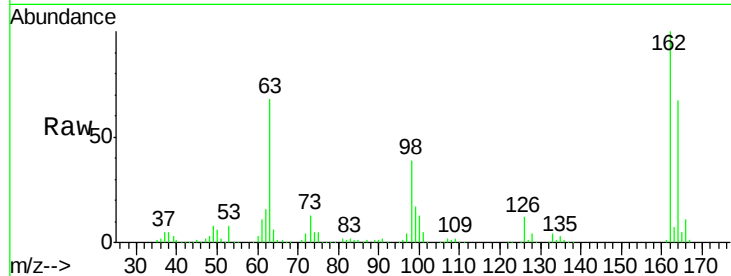
#29
 2,4-Dichlorophenol
 Concen: 39.62 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	317986		
164	67.2	45.0	85.0	
98	39.5	21.3	61.3	

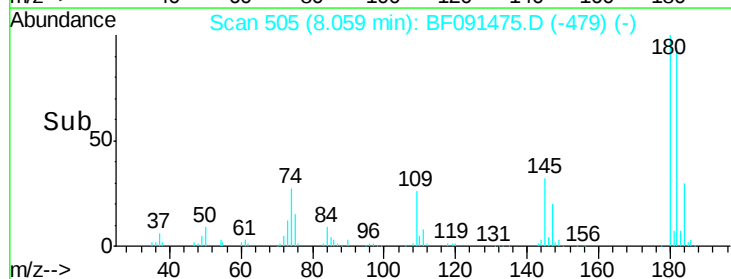
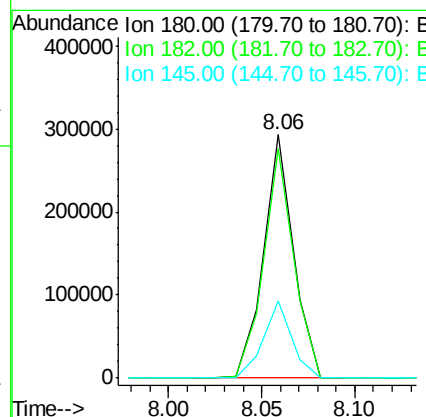
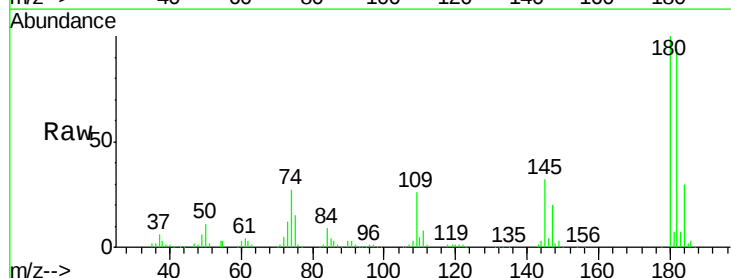
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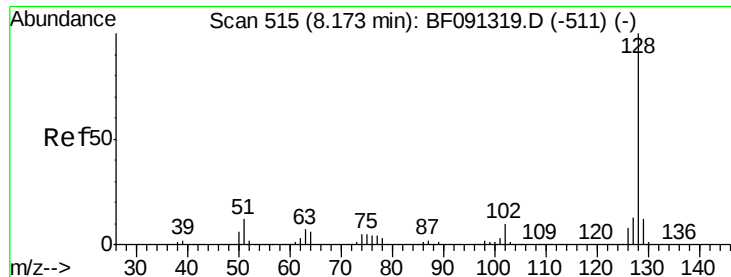
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.94 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	323392		
182	94.4	75.8	113.8	
145	32.0	27.0	40.4	





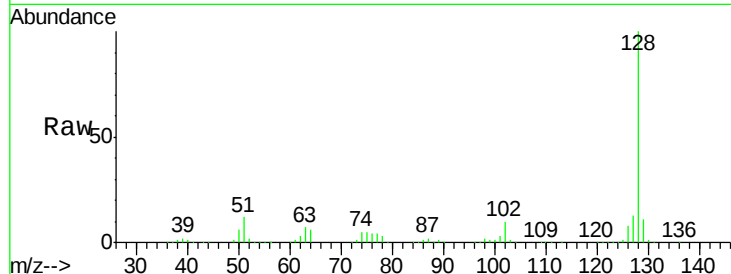
#31
Naphthalene
Concen: 34.70 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

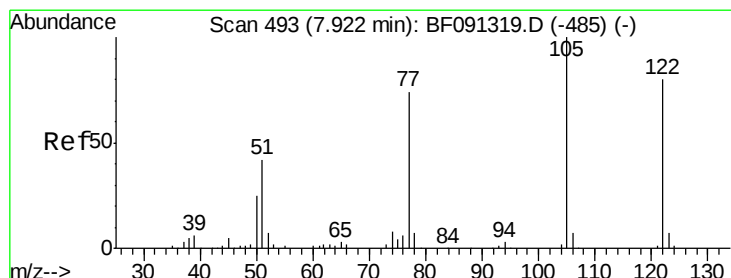
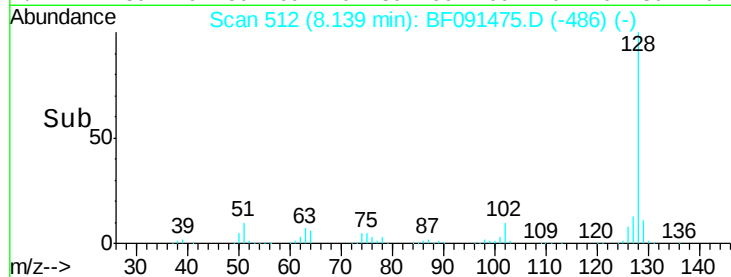
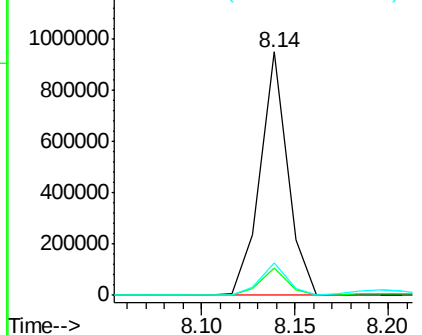
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	11.0	16.4

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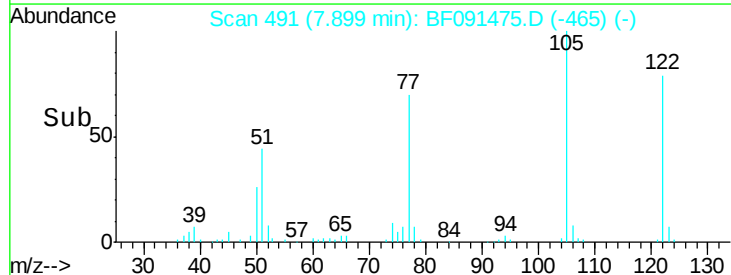
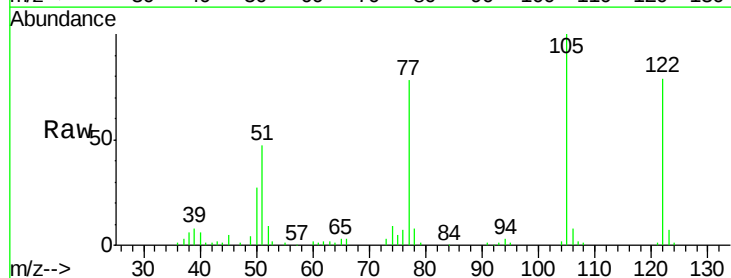
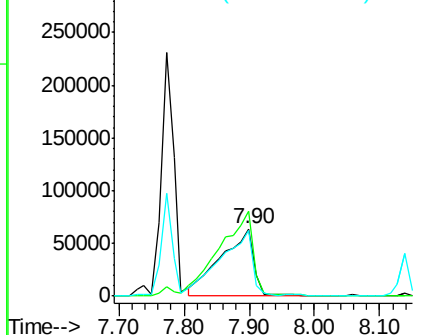
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

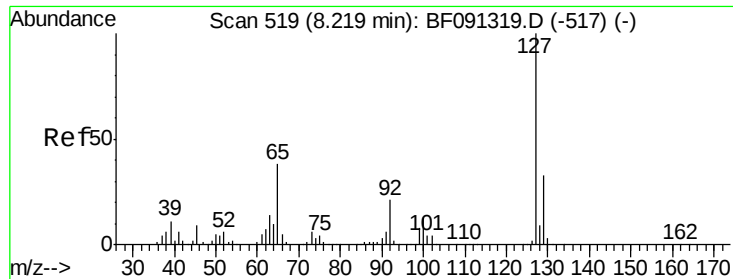


#32
Benzoic acid
Concen: 33.27 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	113.0	153.0
77	98.2	82.0	122.0

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





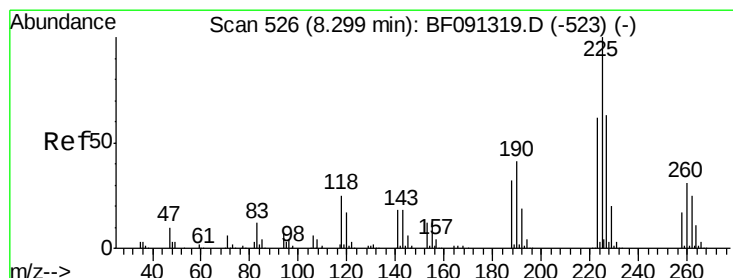
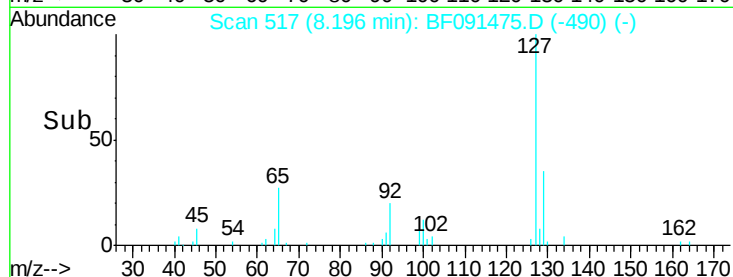
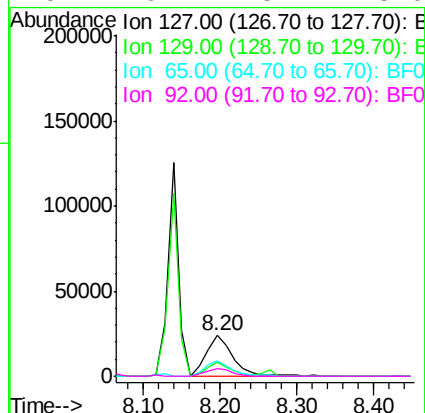
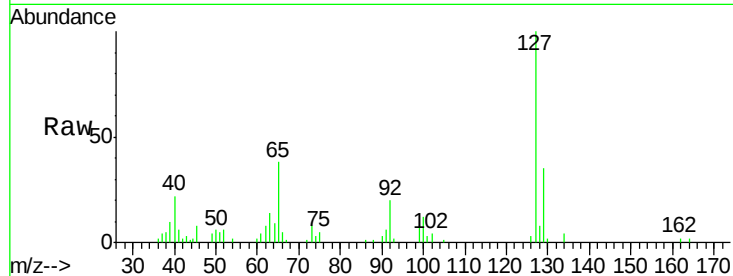
#33
4-Chloroaniline
Concen: 4.85 ng
RT: 8.20 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.2	39.4
65	38.4	26.6	39.8
92	20.1	15.4	23.0

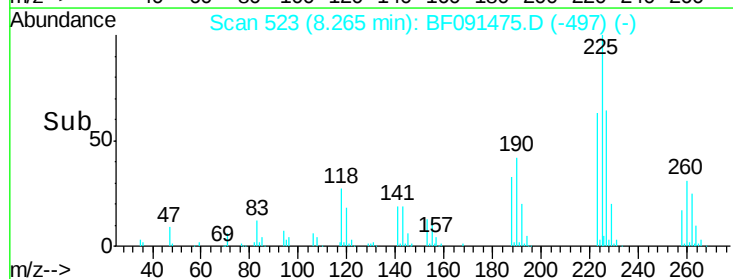
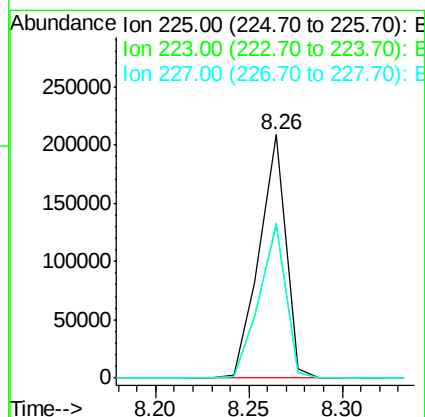
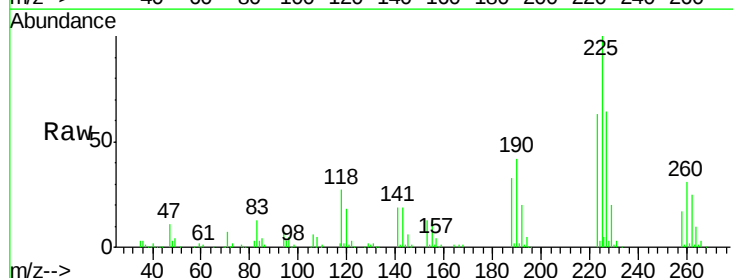
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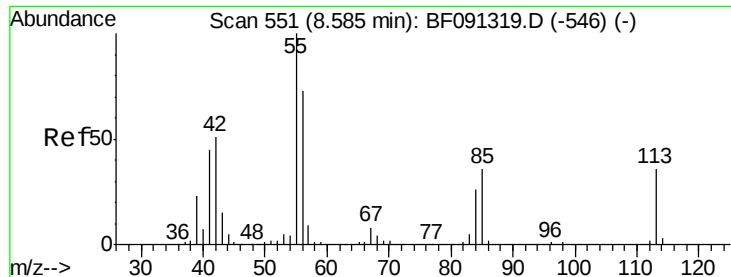
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#34
Hexachlorobutadiene
Concen: 37.32 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.8	52.6	79.0





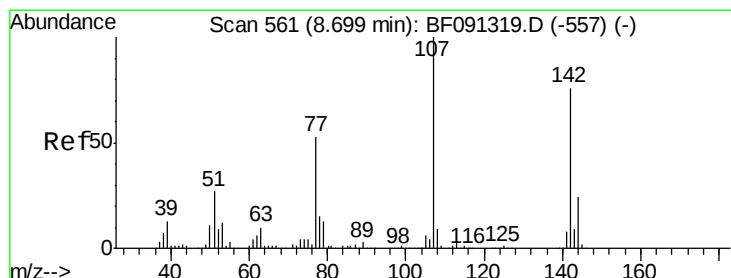
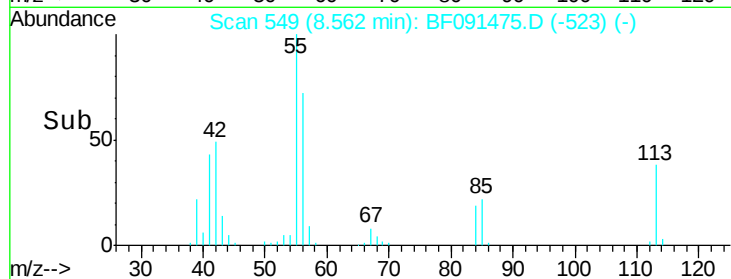
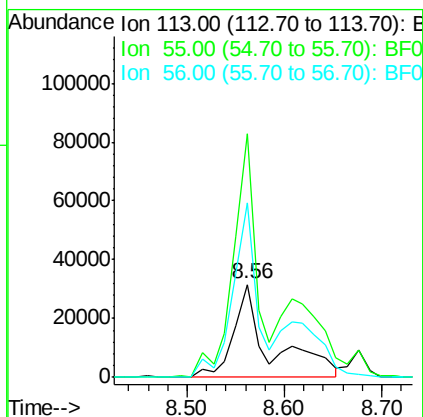
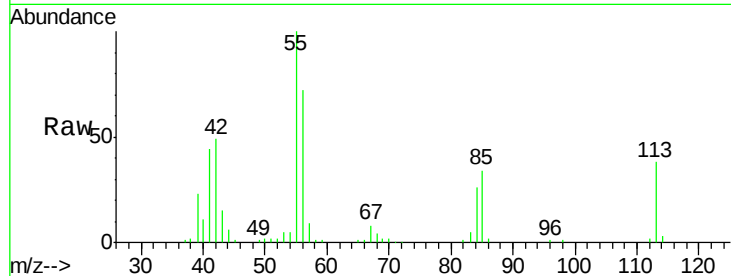
#35
 Caprolactam
 Concen: 35.70 ng/ml
 RT: 8.56 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion:113 Resp: 82357
 Ion Ratio Lower Upper
 113 100
 55 262.8 239.8 279.8
 56 188.7 165.6 205.6

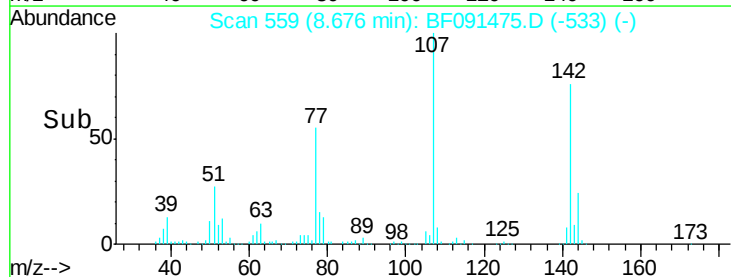
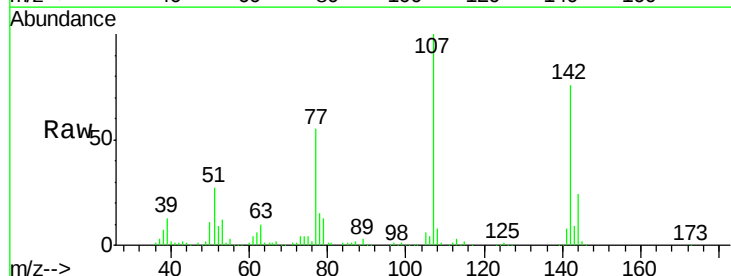
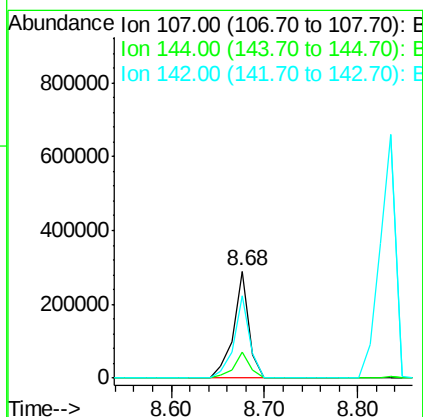
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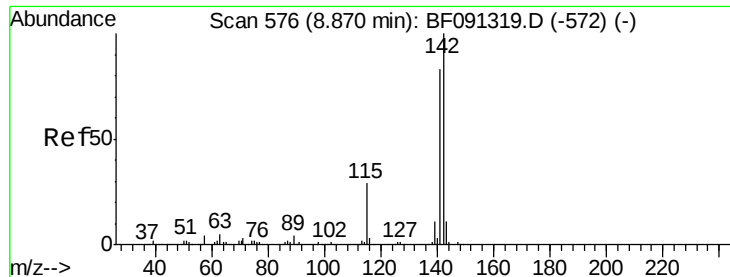
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#36
 4-Chloro-3-methylphenol
 Concen: 38.73 ng/ml
 RT: 8.68 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:107 Resp: 335573
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.9 28.3
 142 76.4 58.5 87.7





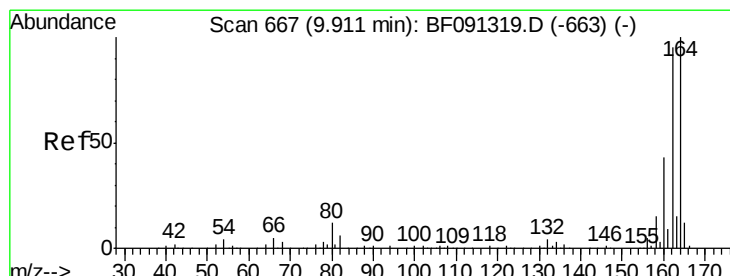
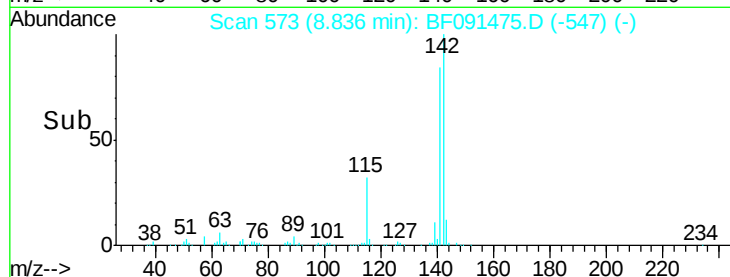
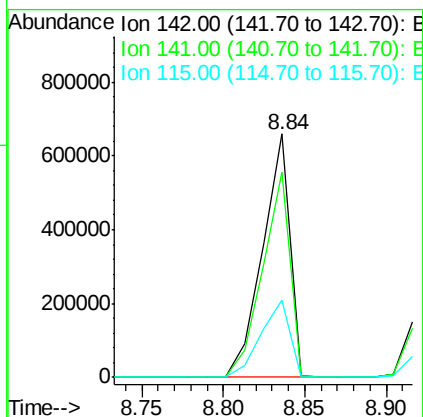
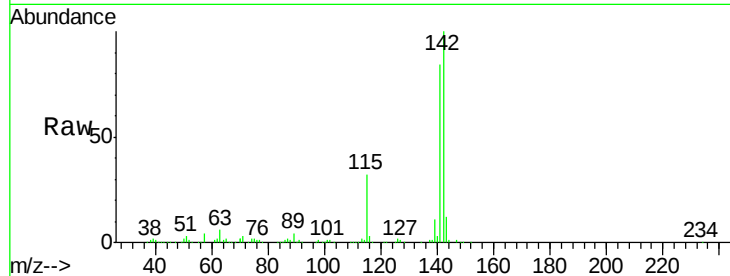
#37
2-Methylnaphthalene
Concen: 40.64 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.7	107.5
115	31.8	25.0	37.6

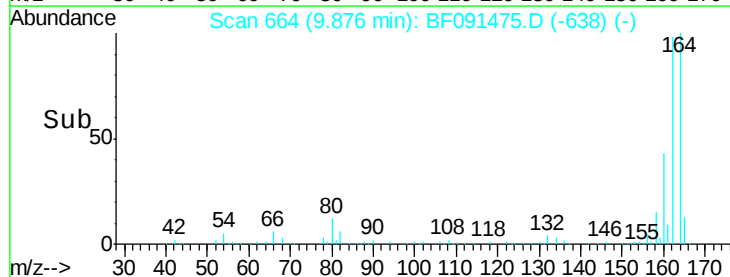
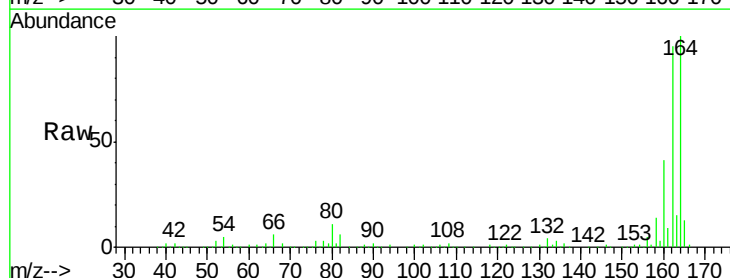
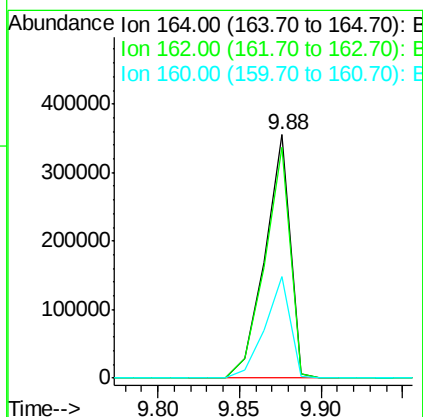
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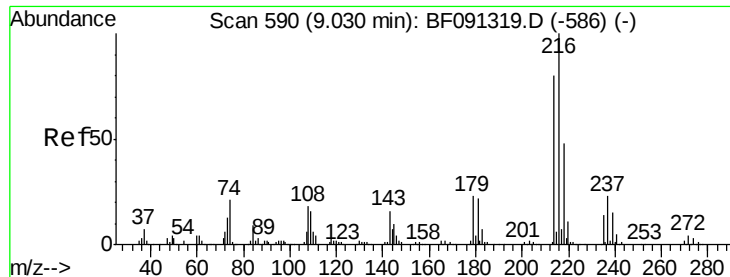
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.6	124.0
160	41.5	36.7	55.1





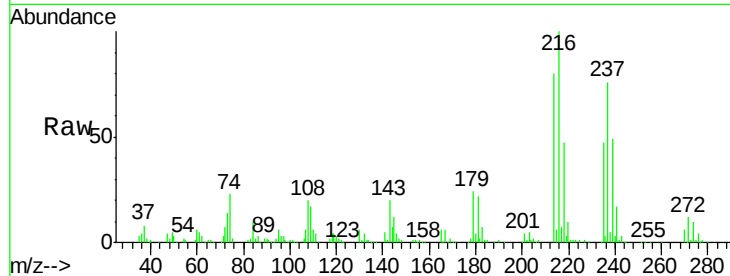
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.60 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

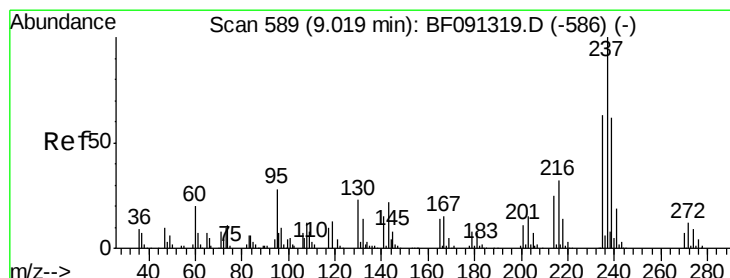
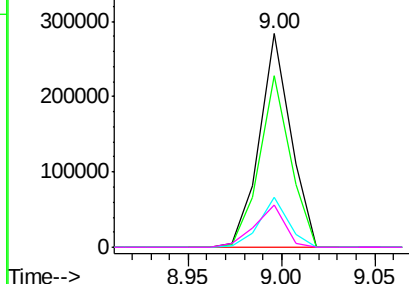
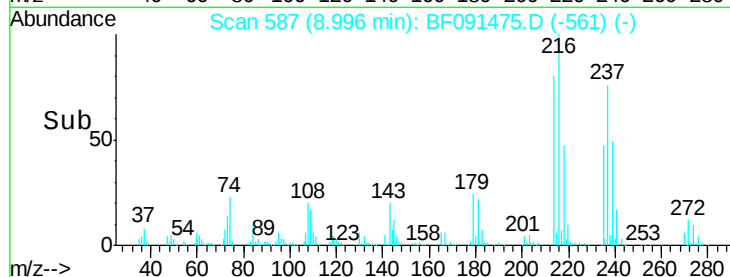
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		330455		
214	79.0		63.8	95.8	
179	21.5		18.2	27.2	
108	19.4		17.2	25.8	

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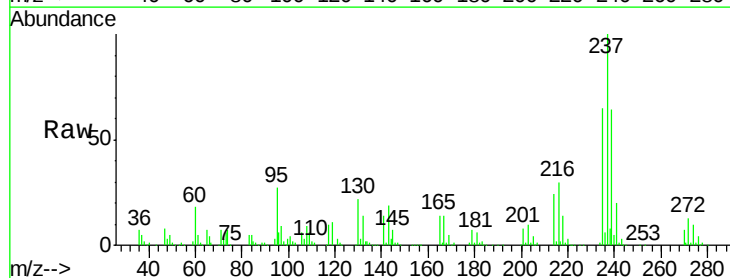


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

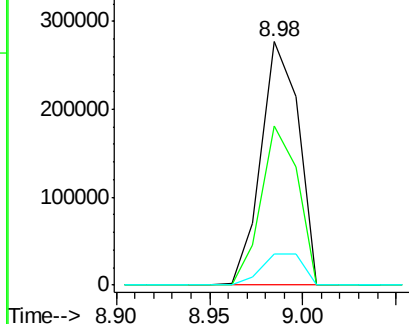
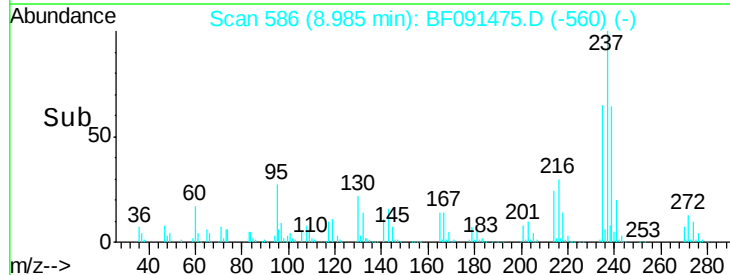


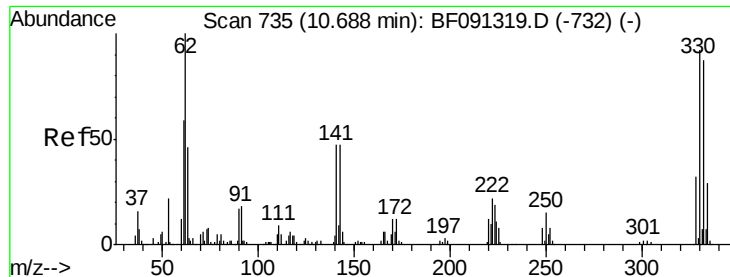
#40
 Hexachlorocyclopentadiene
 Concen: 77.34 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		387088		
235	65.1		43.9	83.9	
272	12.9		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





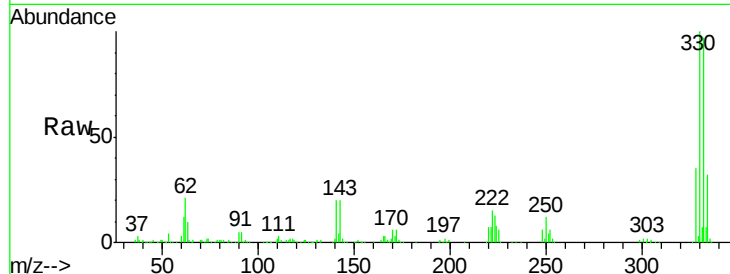
#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

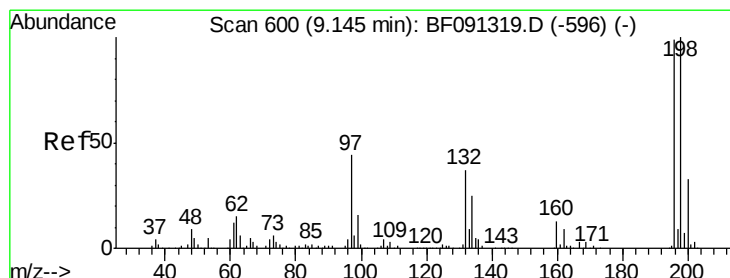
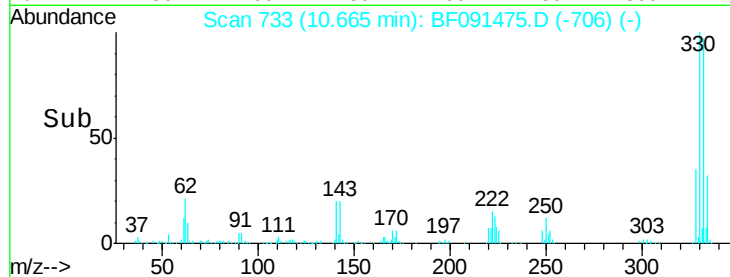
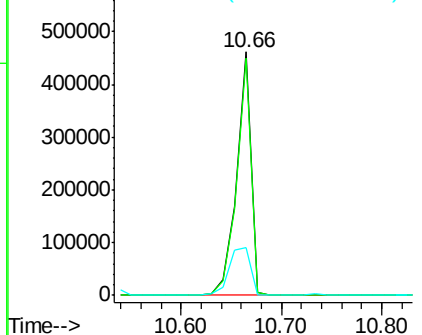
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.2	114.4	
141	29.2	33.6	50.4	

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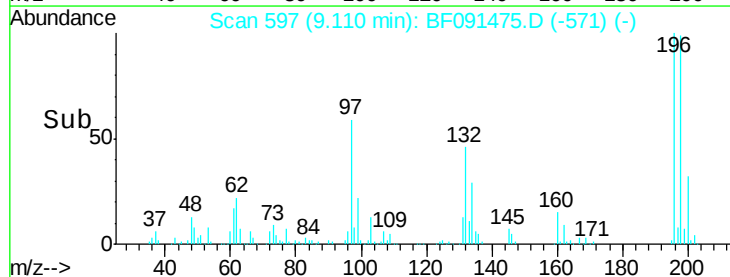
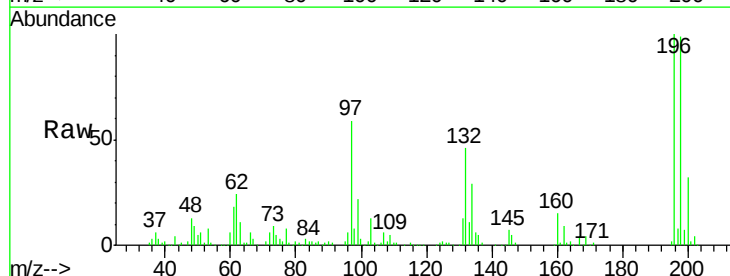
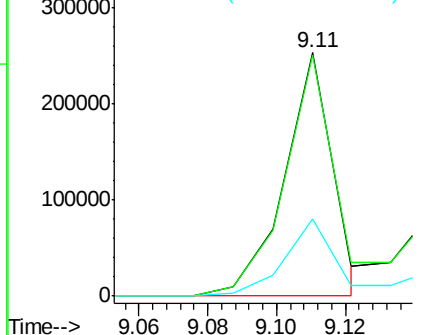
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

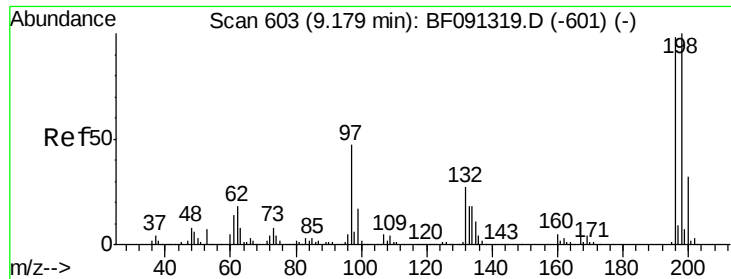


#42
 2,4,6-Trichlorophenol
 Concen: 35.59 ng m
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.3	77.4	116.0	
200	31.5	25.2	37.8	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





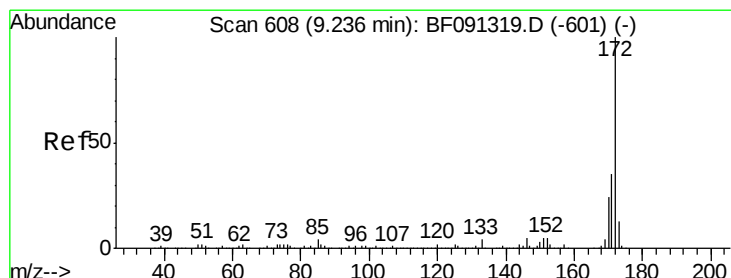
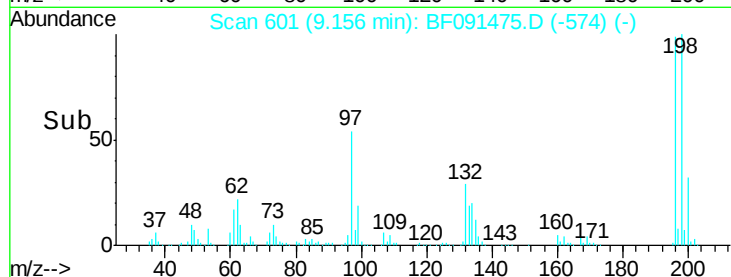
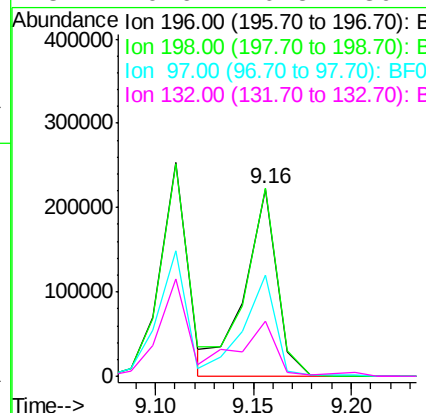
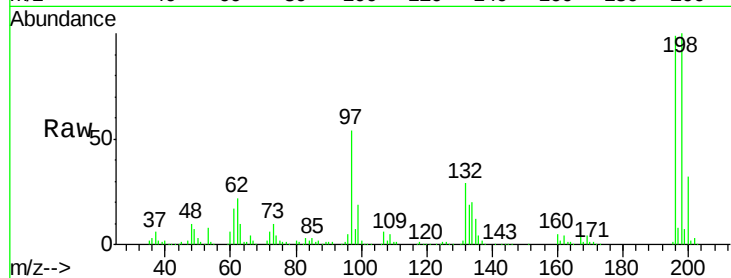
#43
 2,4,5-Trichlorophenol
 Concen: 36.42 ng/ml
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-MS

Tot Ion	196	Resp	256098
Ion Ratio	Lower	Upper	
196	100		
198	100.7	77.0	115.6
97	54.2	33.5	50.3
132	29.6	20.5	30.7

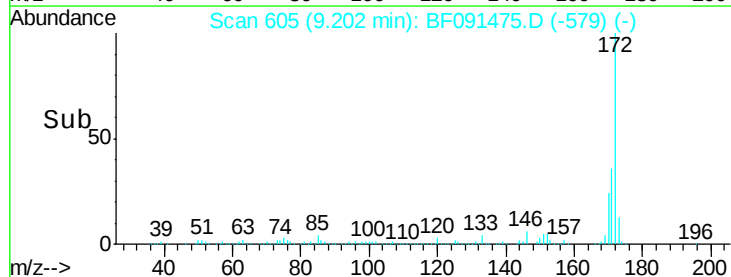
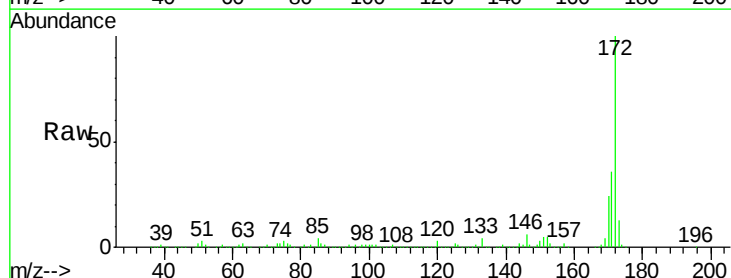
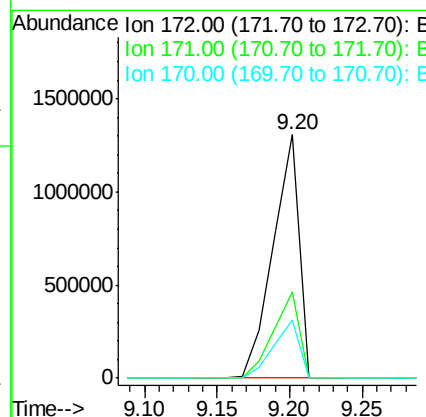
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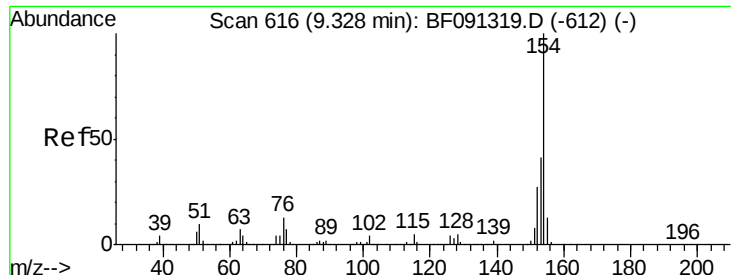
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#44
 2-Fluorobiphenyl
 Concen: 76.86 ng/ml
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	172	Resp	1625867
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.4	44.0
170	23.7	19.7	29.5





#45

1,1'-Biphenyl

Concen: 31.09 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

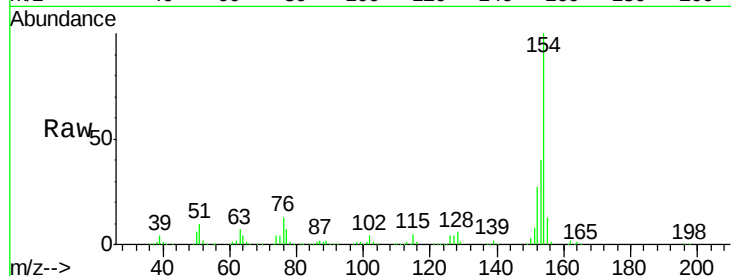
ClientSampleId :

N002-WD-A5-01-01MS

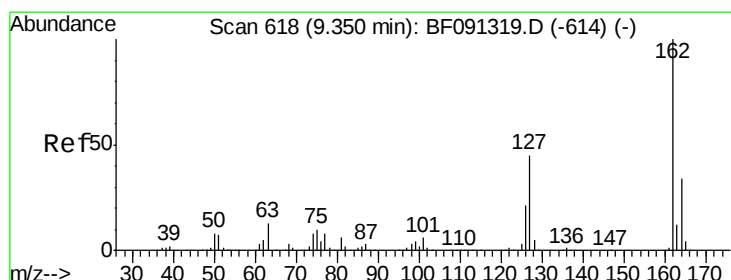
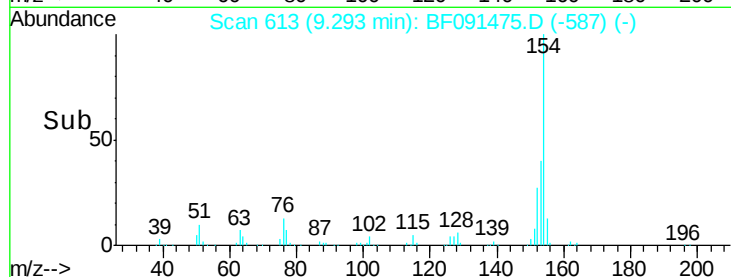
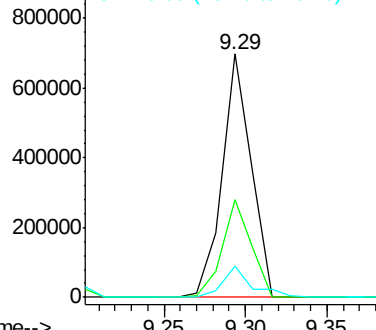
Tot Ion:	154	Resp:	856199
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	12.6	0.0	36.6

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



#46

2-Chloronaphthalene

Concen: 31.60 ng

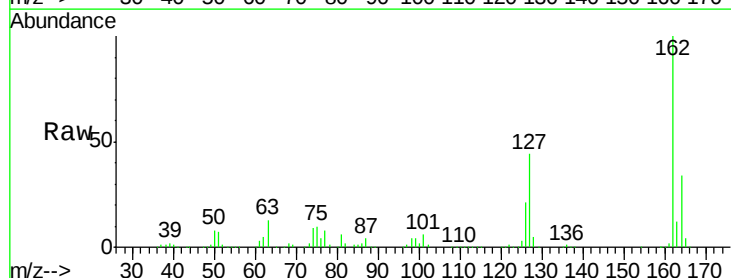
RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

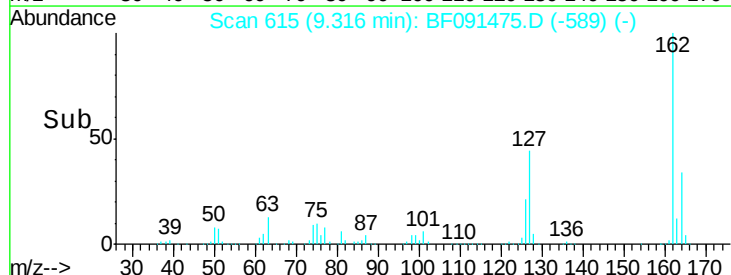
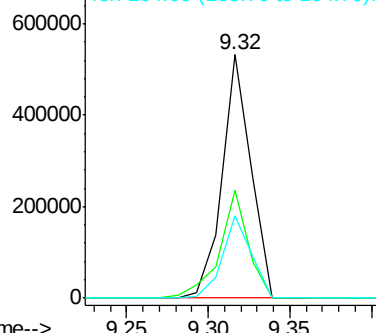
Lab File: BF091475.D

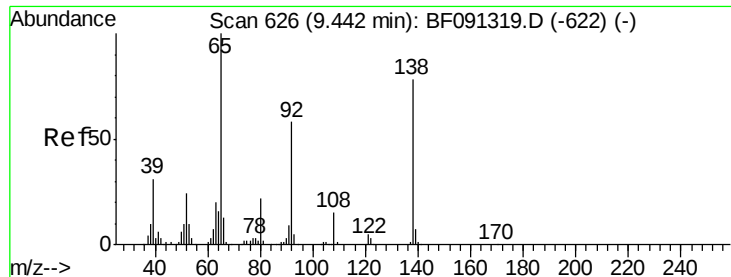
Acq: 7 Dec 2016 17:55

Tgt Ion:	162	Resp:	648189
Ion Ratio	Lower	Upper	
162	100		
127	44.4	34.3	51.5
164	33.6	26.6	40.0



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





#47

2-Nitroaniline

Concen: 35.41 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

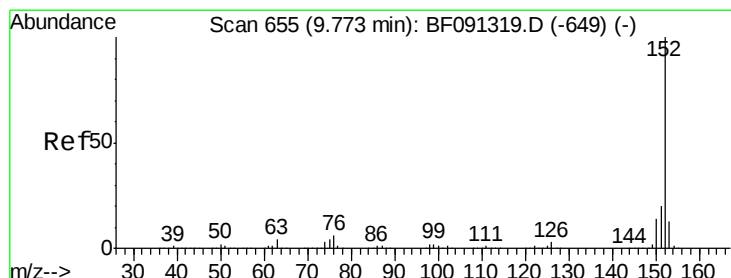
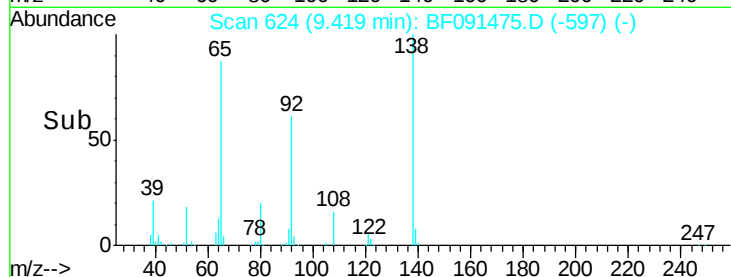
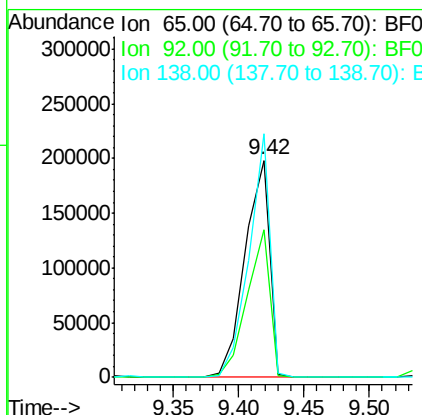
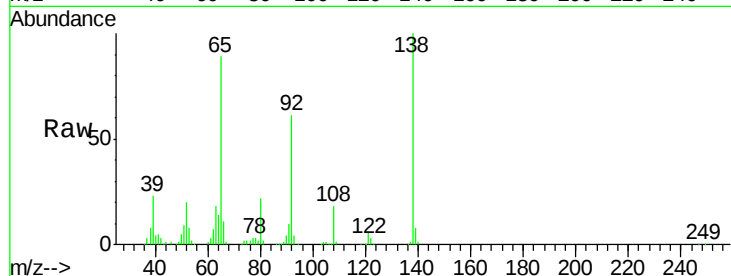
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:	65	Resp:	260833
Ion Ratio	Lower	Upper	
65	100		
92	68.0	53.6	80.4
138	112.3	91.0	136.6

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#48

Acenaphthylene

Concen: 34.74 ng

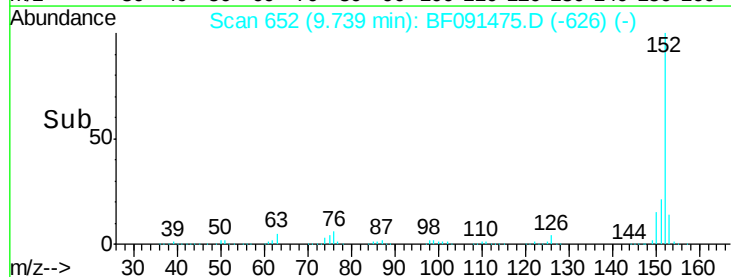
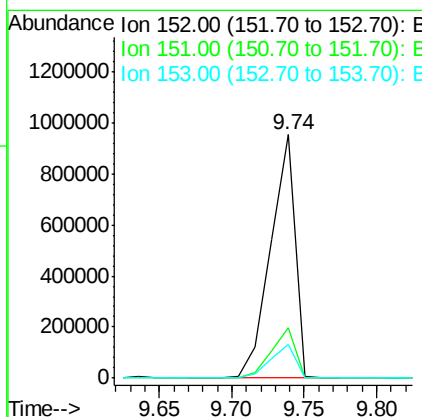
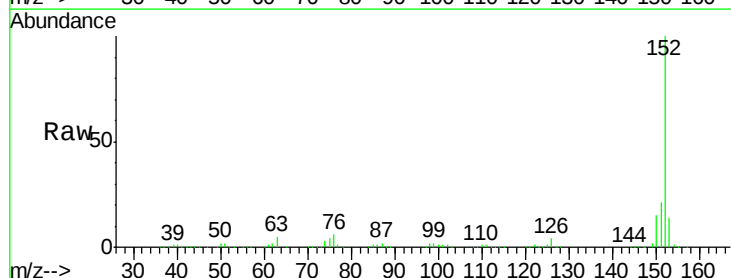
RT: 9.74 min Scan# 652

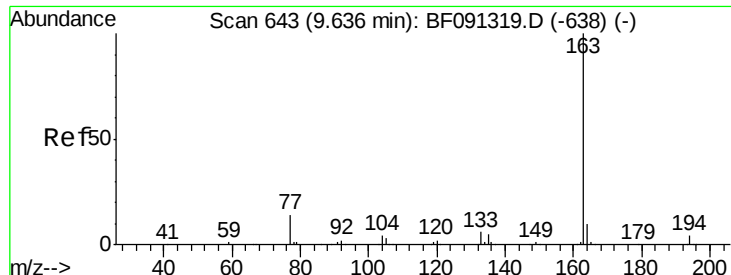
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:	152	Resp:	1121790
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	24.8
153	13.7	10.7	16.1





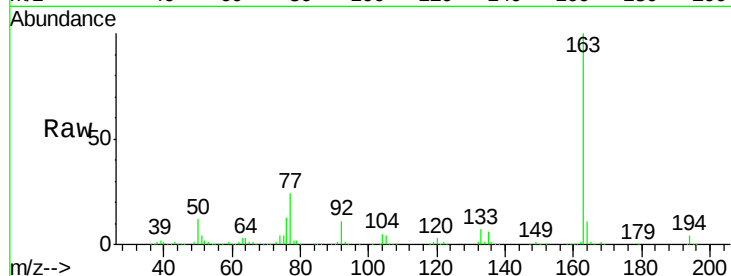
#49
Dimethylphthalate
Concen: 35.24 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

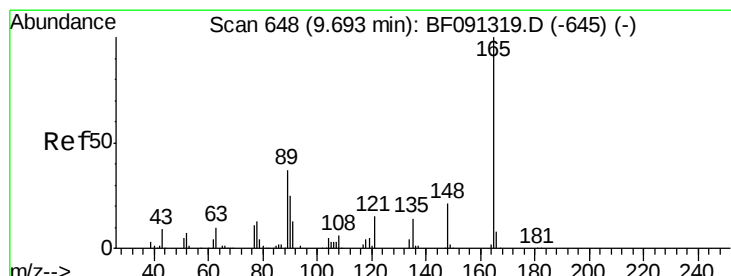
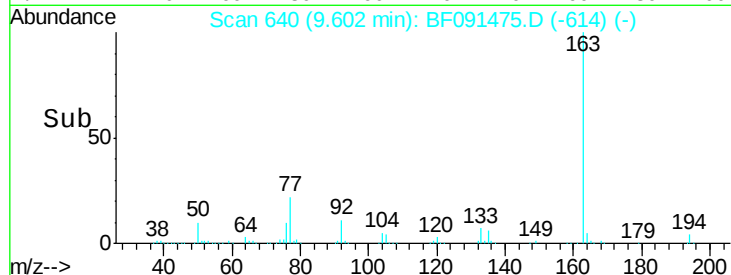
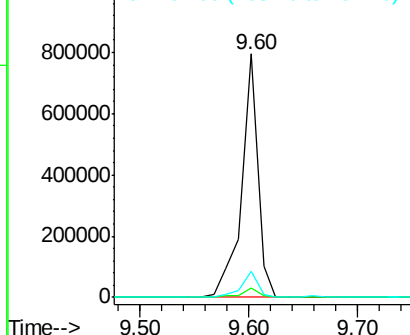
Tot Ion	Ratio	Resp	Lower	Upper
163	100	817323		
194	3.6		3.0	4.4
164	10.9		7.8	11.8

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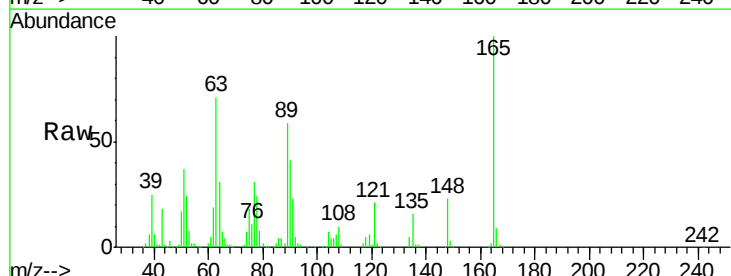


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

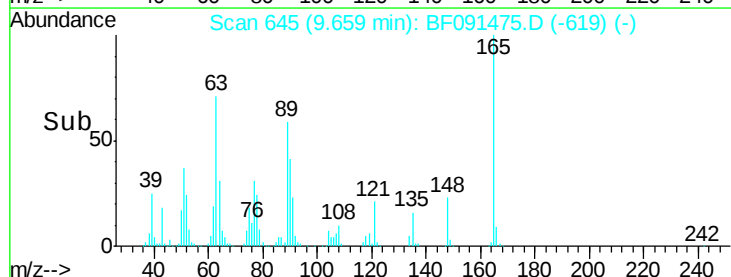
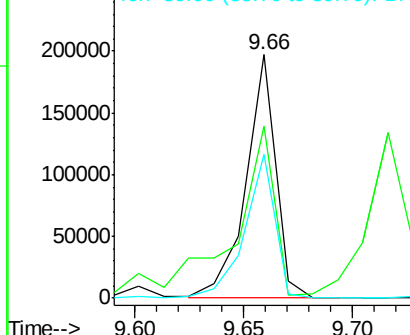


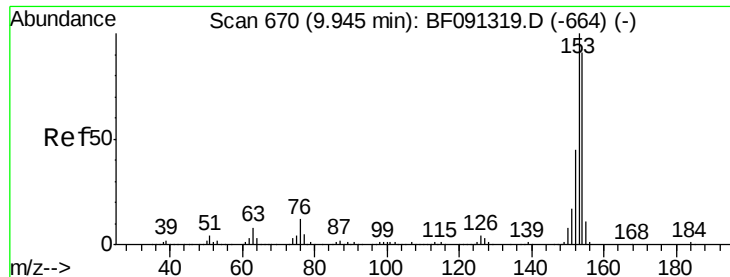
#50
2,6-Dinitrotoluene
Concen: 36.07 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186973		
63	70.8		59.4	89.0
89	59.2		50.8	76.2



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





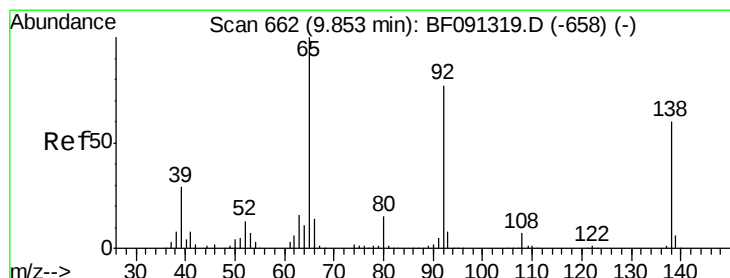
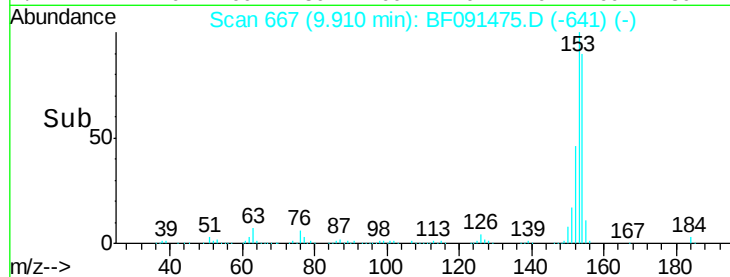
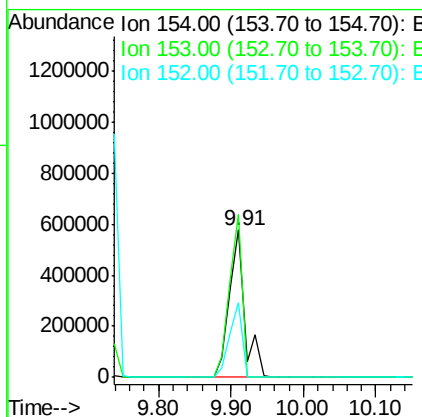
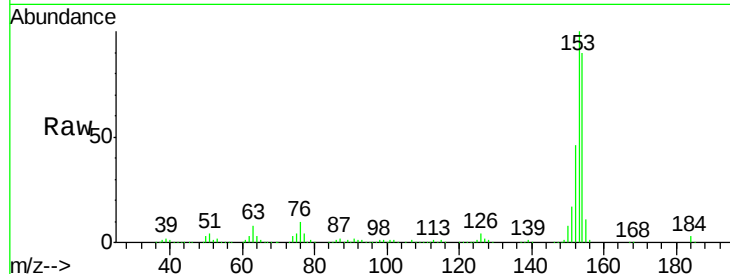
#51
Acenaphthene
Concen: 39.57 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.0	136.6
152	50.7	44.2	66.2

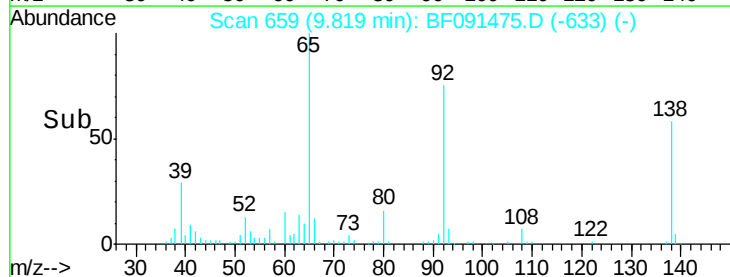
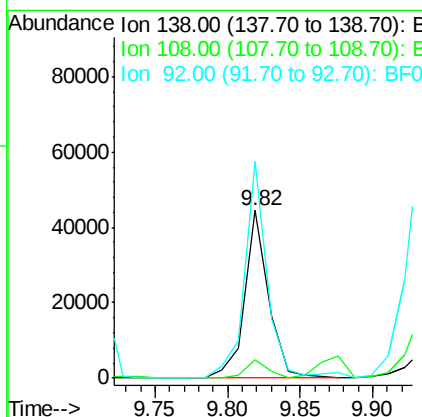
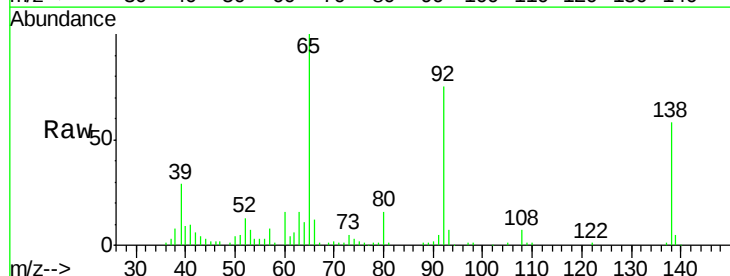
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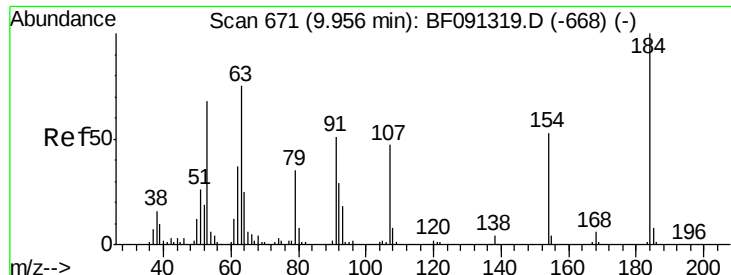
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#52
3-Nitroaniline
Concen: 8.46 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.1	12.1
92	129.3	92.5	138.7





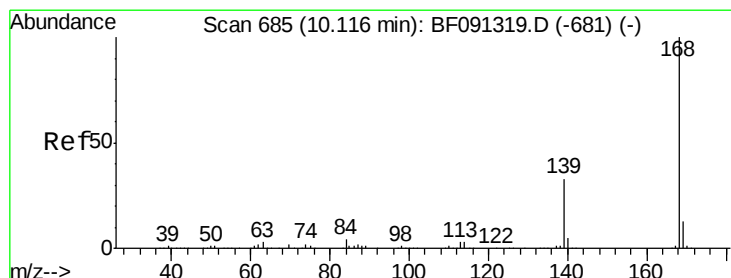
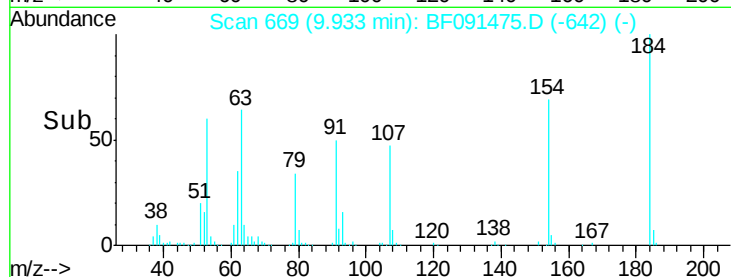
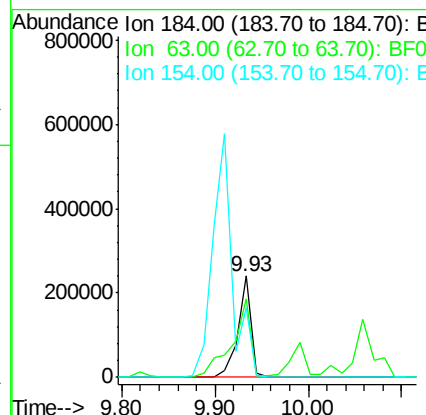
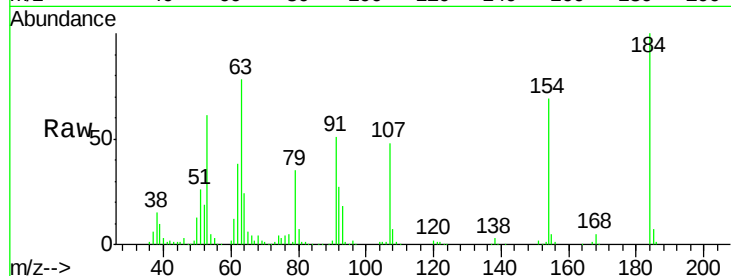
#53
2,4-Dinitrophenol
Concen: 105.18 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.01 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	238426		
63	77.6	58.3	87.5	
154	69.2	48.6	73.0	

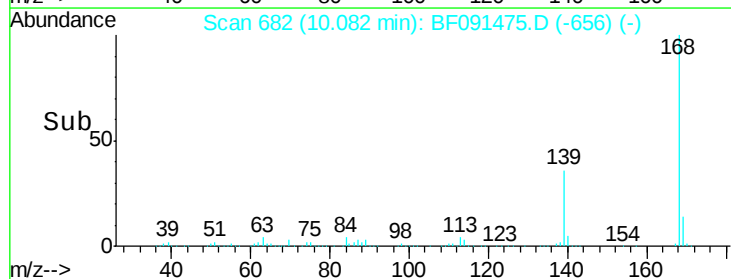
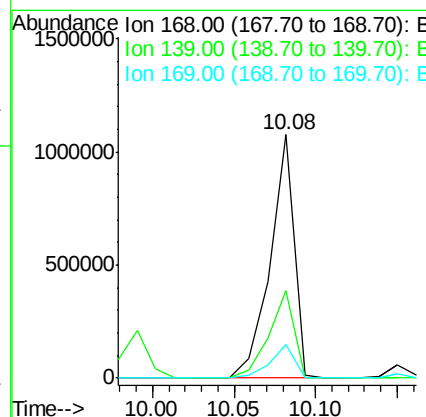
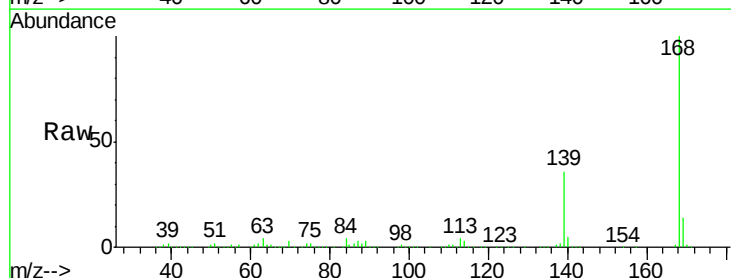
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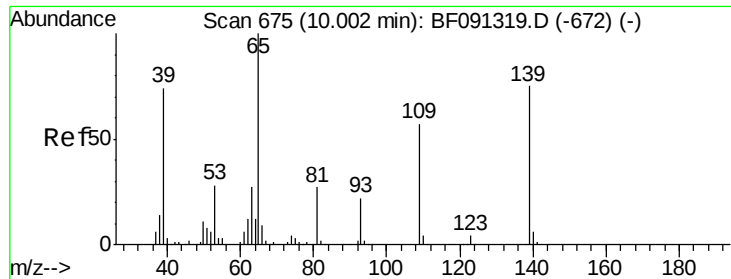
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#54
Dibenzofuran
Concen: 37.70 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1099405		
139	36.1	33.4	50.2	
169	13.6	11.1	16.7	





#55

4-Nitrophenol

Concen: 56.38 ng

RT: 9.99 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

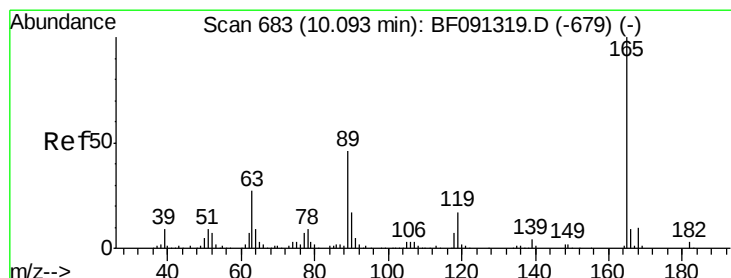
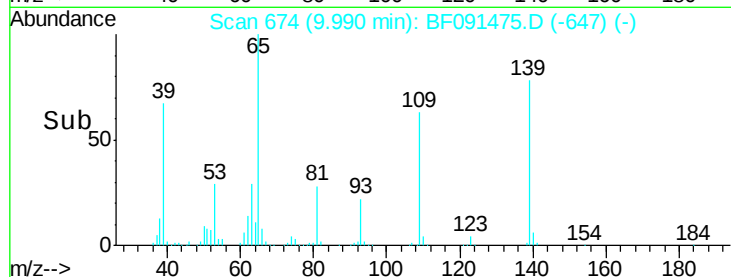
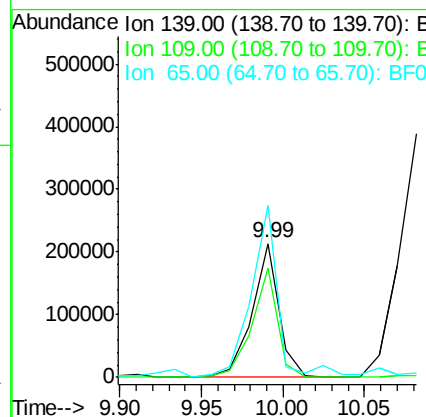
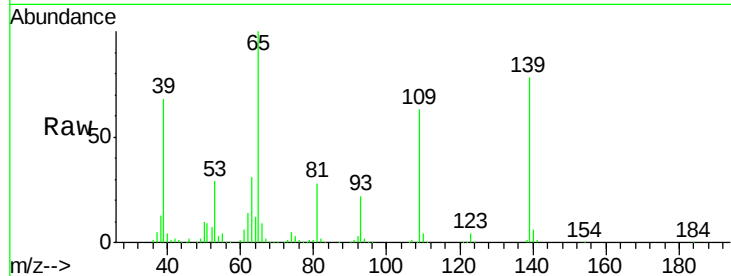
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	244308		
109	81.4	54.9	94.9	
65	128.8	102.2	142.2	

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#56

2,4-Dinitrotoluene

Concen: 35.92 ng

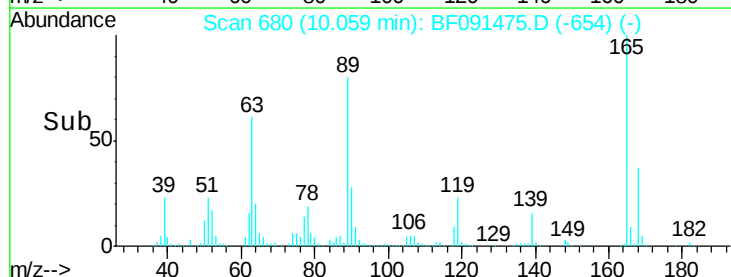
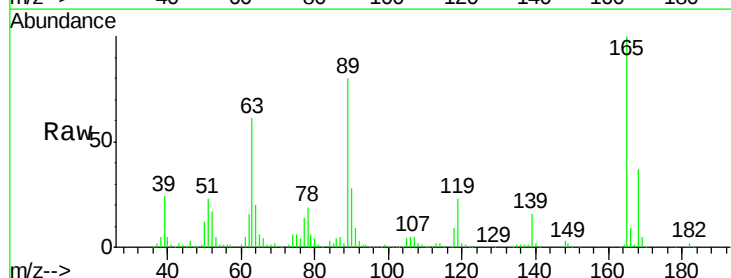
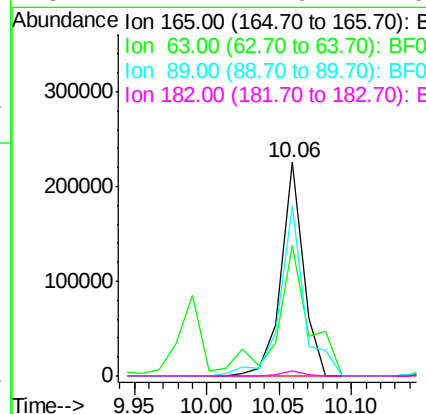
RT: 10.06 min Scan# 680

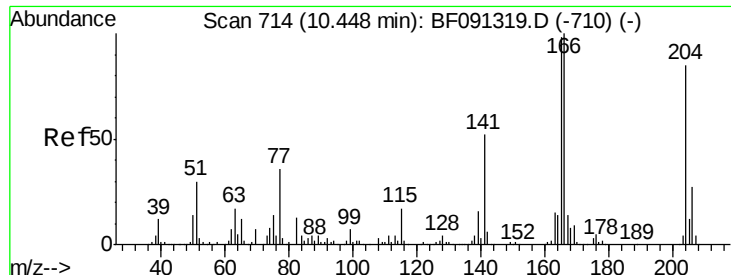
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241546		
63	61.0	29.0	43.4#	
89	79.9	43.1	64.7#	
182	2.4	1.9	2.9	





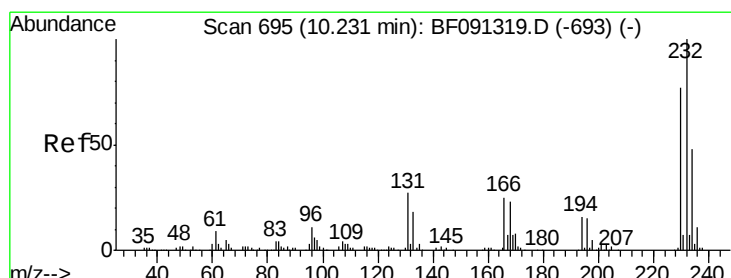
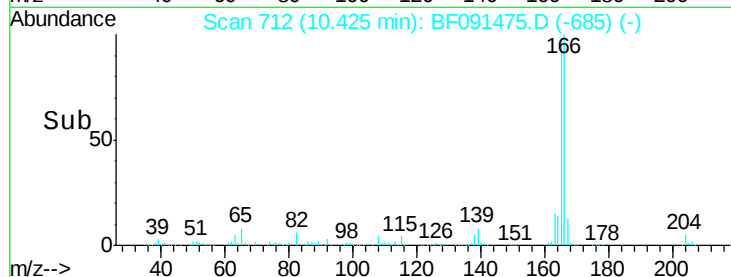
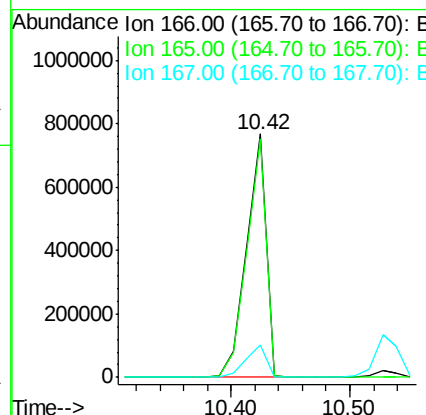
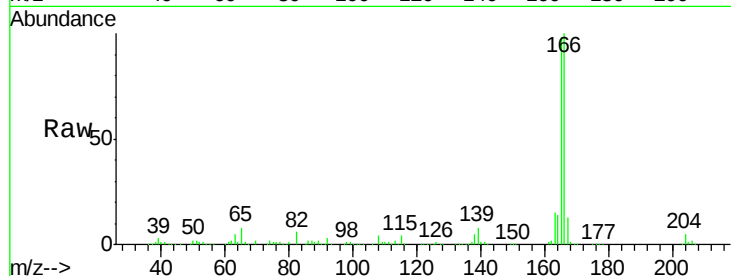
#57
Fluorene
 Concen: 39.59 ng
 RT: 10.42 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	886374		
165	97.9		80.0	120.0
167	13.2		10.8	16.2

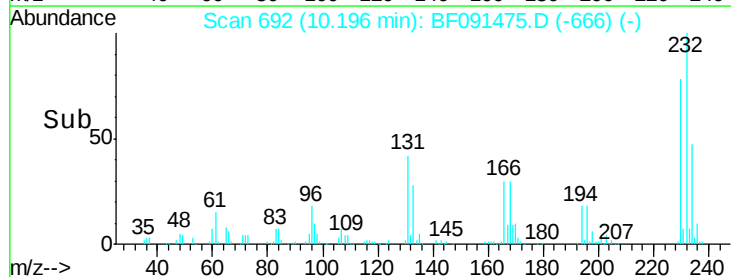
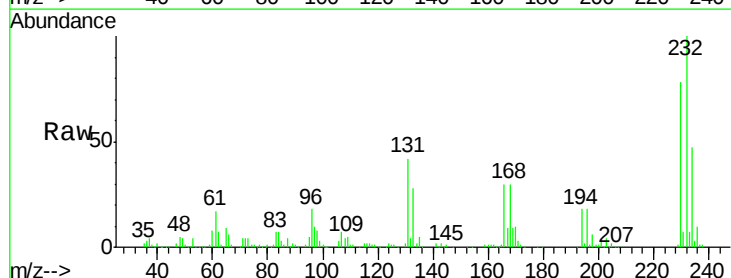
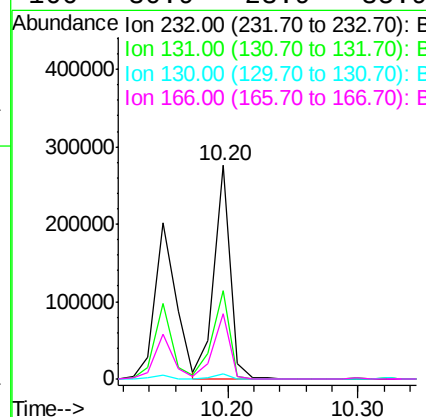
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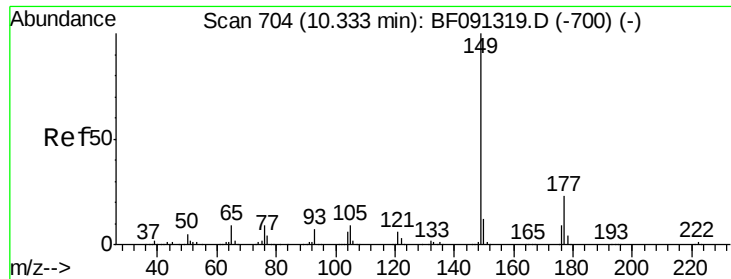
sohil
 12/8/2016 2:04:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.88 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	239473		
131	43.9		38.4	57.6
130	2.2		1.8	2.8
166	30.9		23.9	35.9





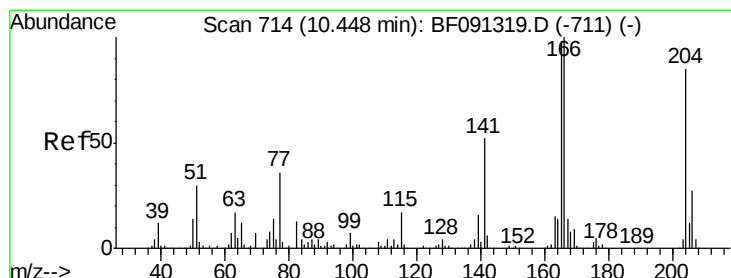
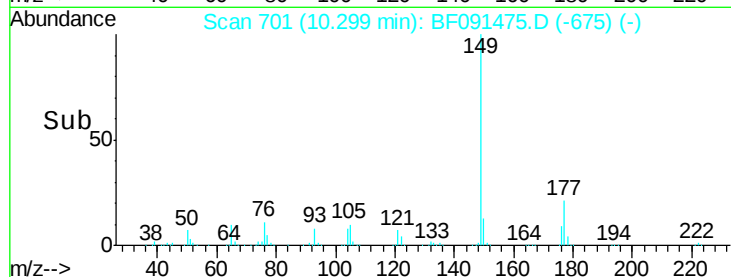
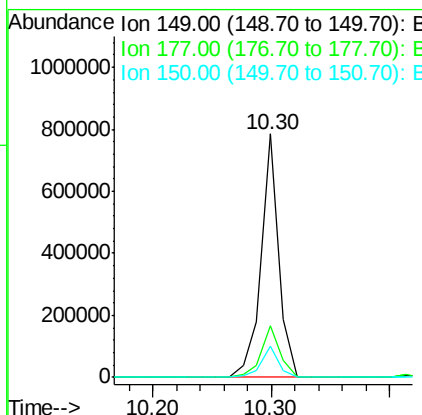
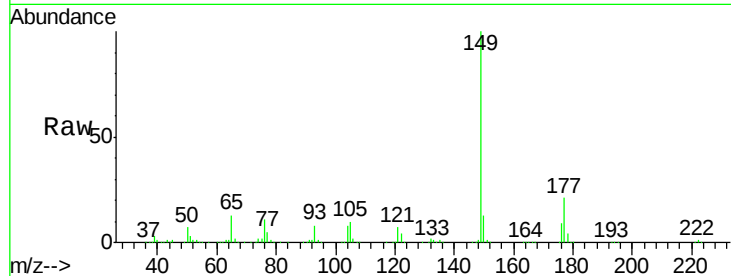
#59
Diethylphthalate
Concen: 35.79 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	15.7	23.5
150	12.8	10.2	15.2

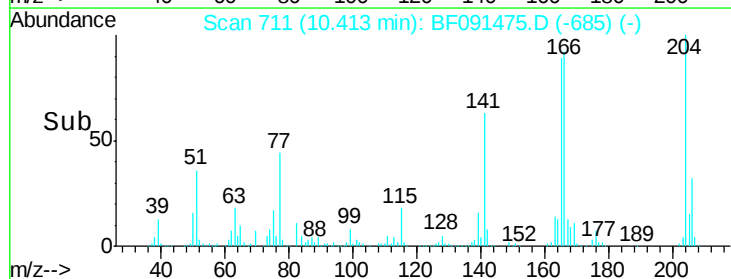
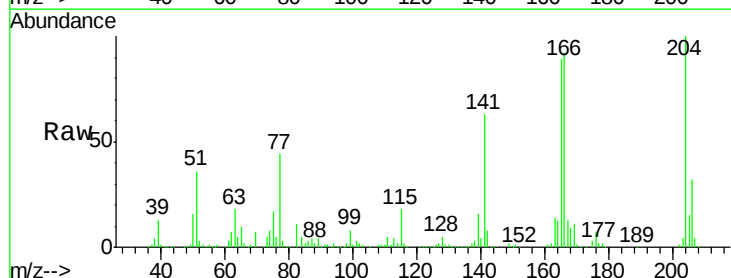
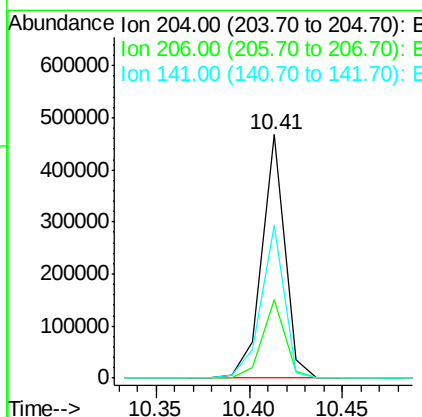
Manual Integrations
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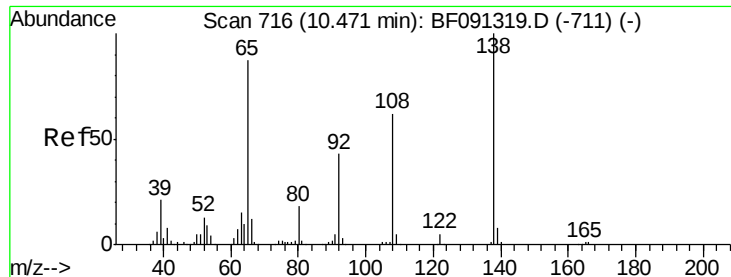
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 35.27 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.1	39.1
141	63.0	40.6	61.0





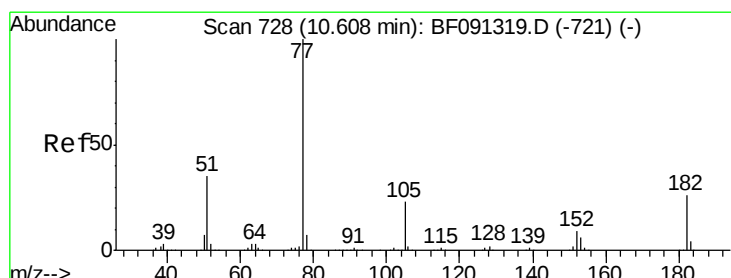
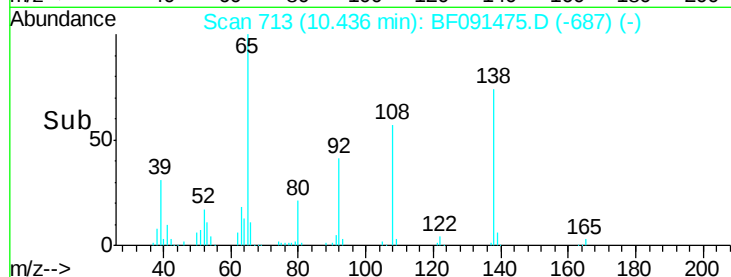
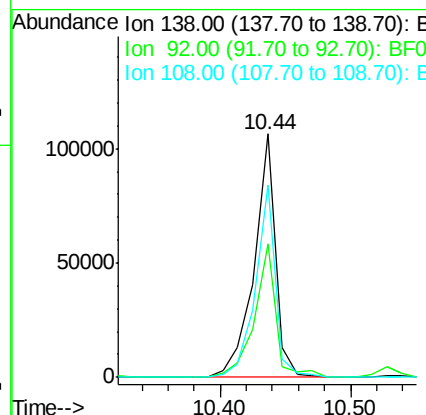
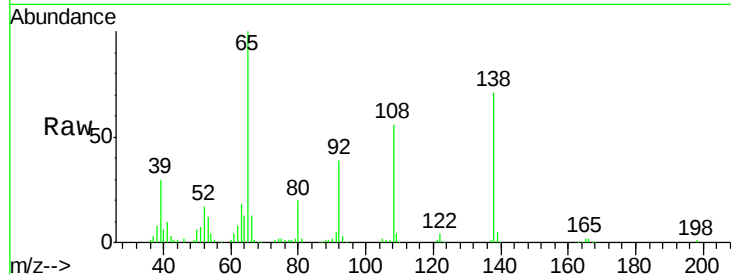
#61
4-Nitroaniline
Concen: 21.67 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.1	26.9	66.9
108	79.2	49.1	89.1

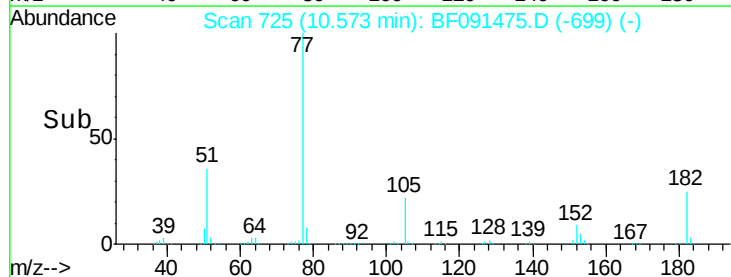
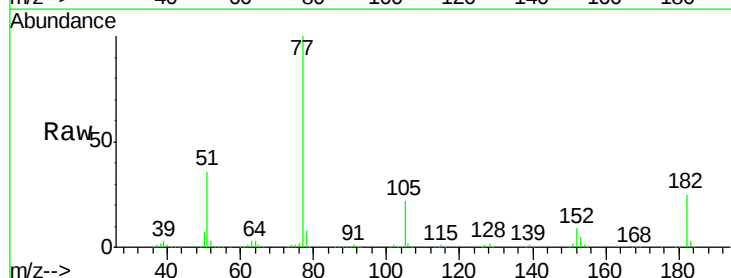
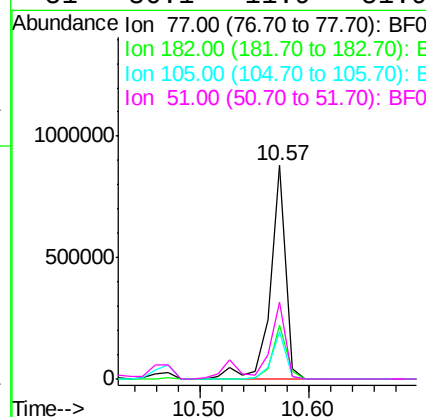
Manual Integrations
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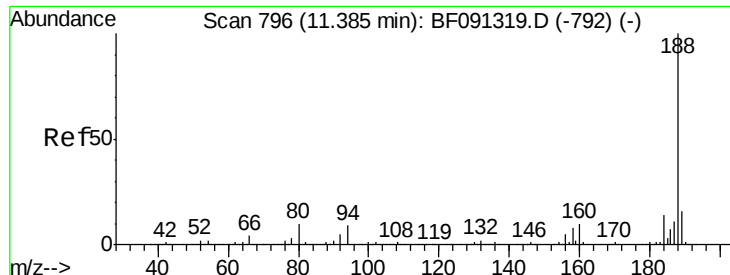
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#62
Azobenzene
Concen: 37.42 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	12.5	52.5
105	22.0	3.7	43.7
51	36.1	11.9	51.9





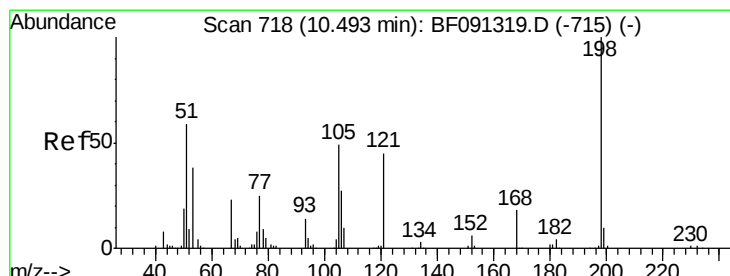
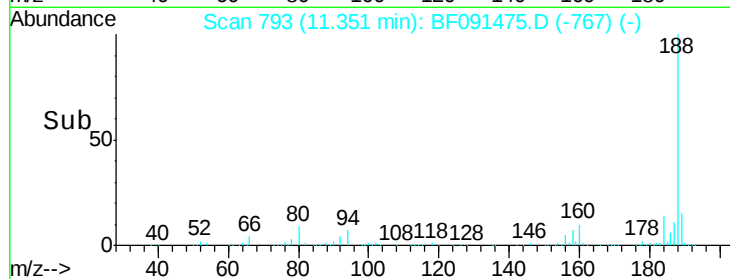
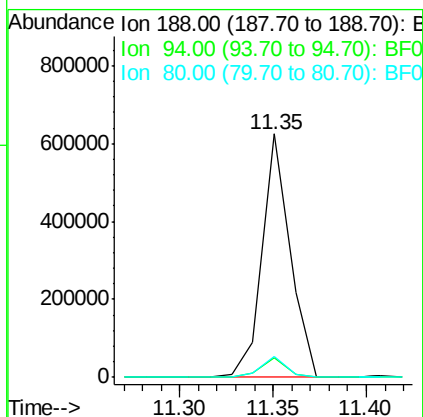
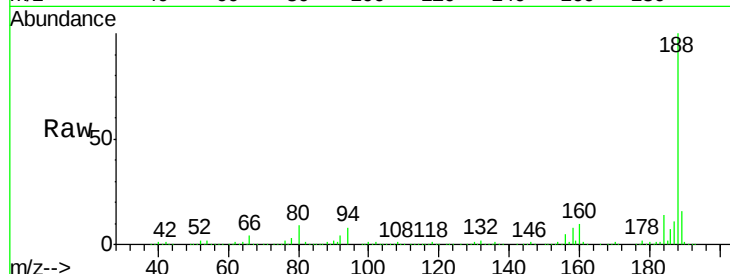
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	9.2	13.8#
80	8.7	10.5	15.7#

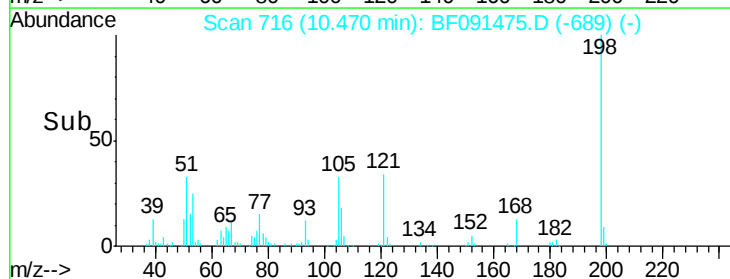
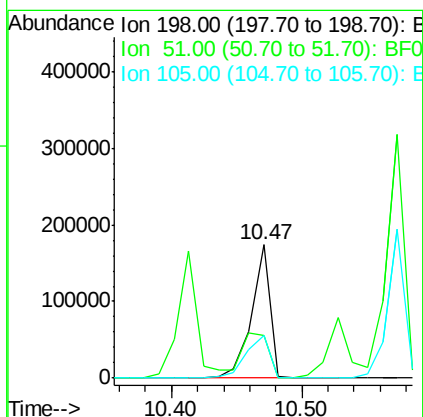
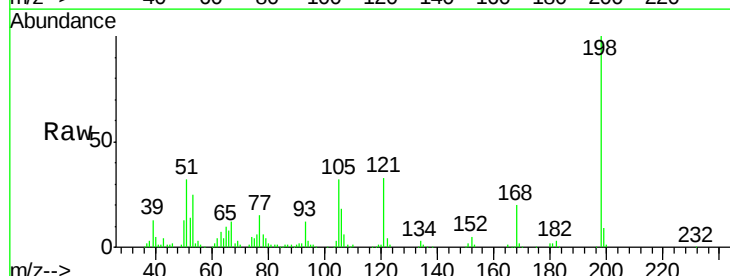
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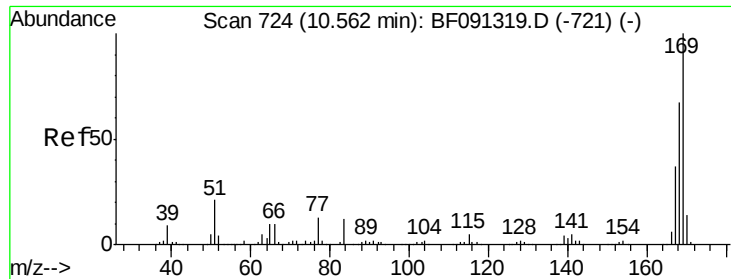
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.63 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	32.0	77.1	117.1#
105	32.3	44.8	84.8#





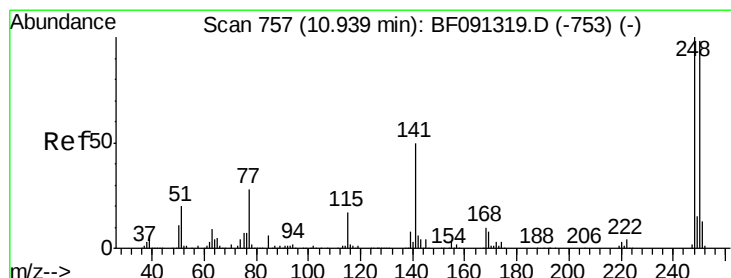
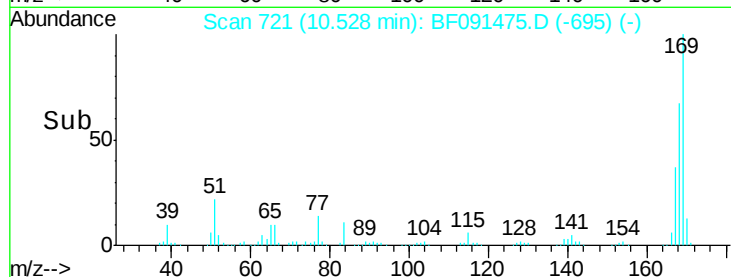
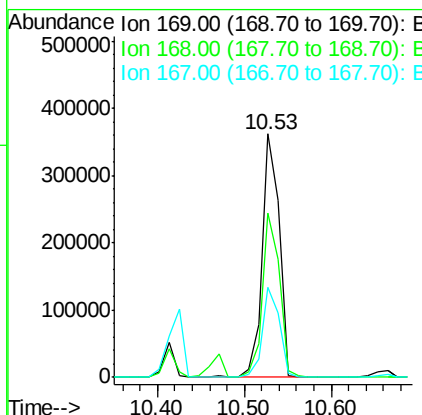
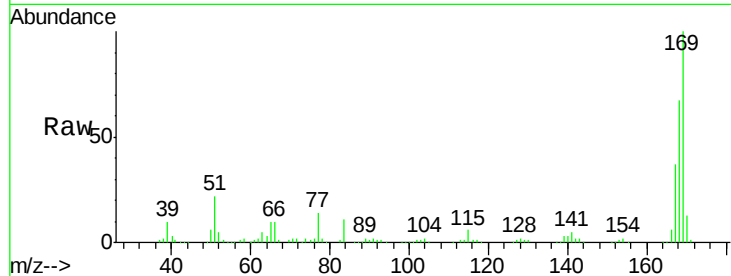
#65
n-Nitrosodiphenylamine
Concen: 25.34 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	496551		
168	67.2	53.8	80.8	
167	37.2	29.8	44.8	

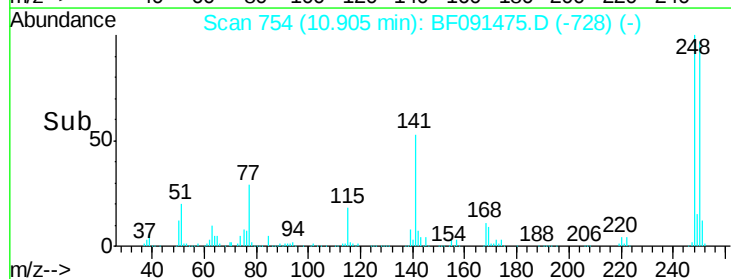
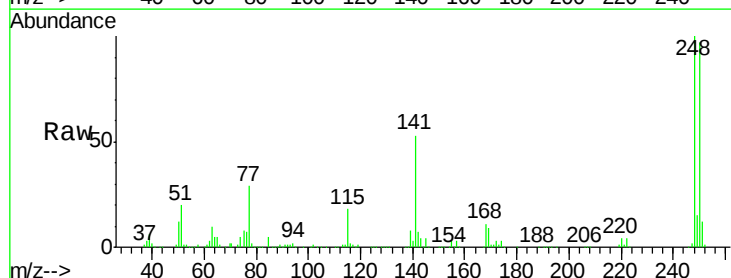
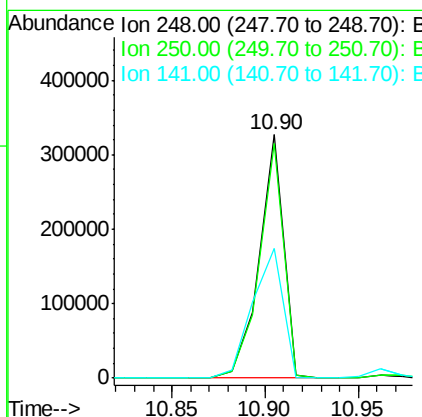
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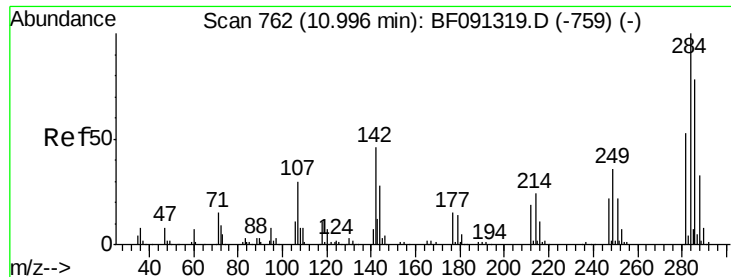
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#66
4-Bromophenyl-phenylether
Concen: 42.35 ng
RT: 10.90 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	294242		
250	96.6	78.2	117.4	
141	53.5	71.9	107.9#	





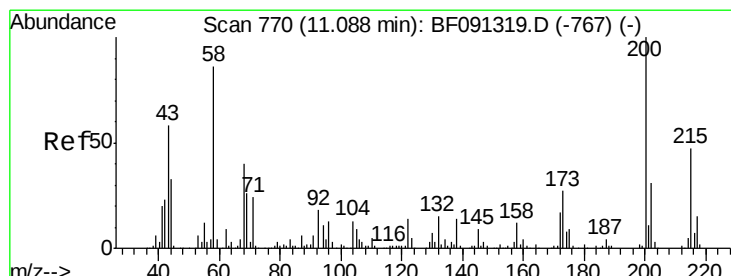
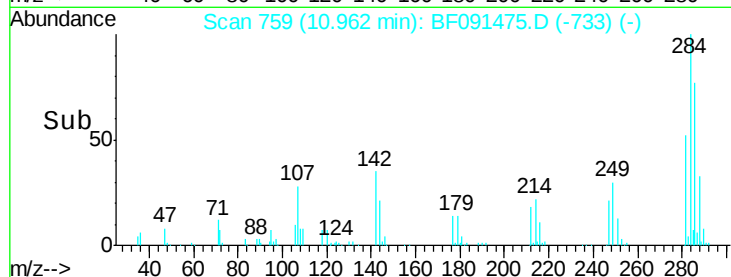
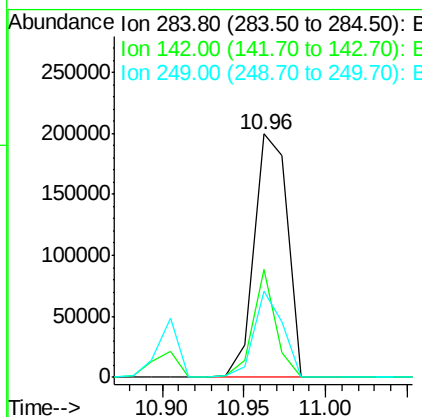
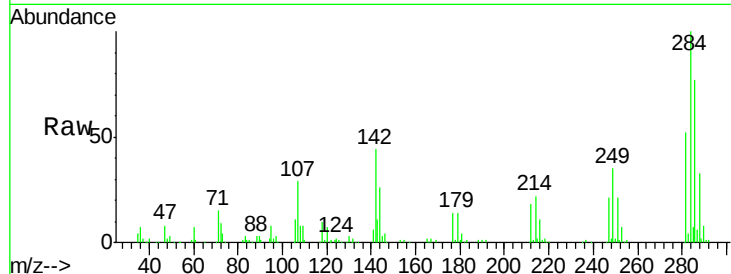
#67
Hexachlorobenzene
Concen: 37.46 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	281244		
142	44.2	17.9	26.9#	
249	35.2	23.6	35.4	

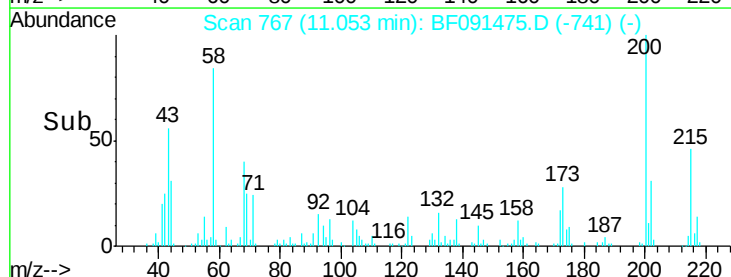
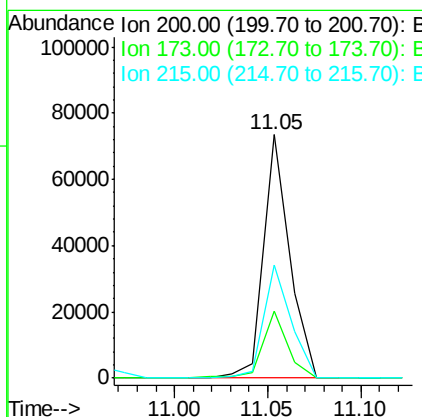
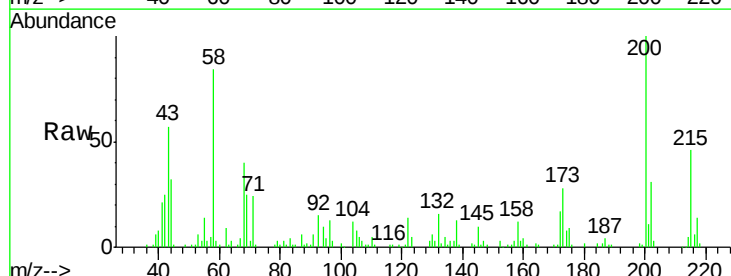
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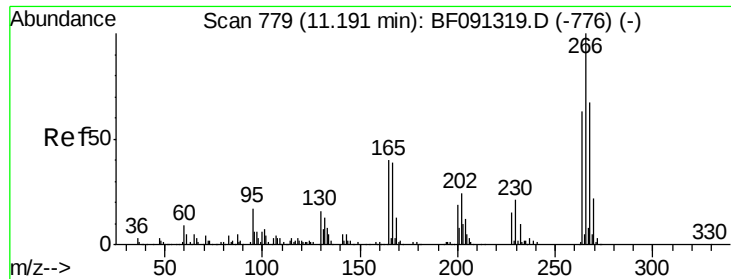
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#68
Atrazine
Concen: 11.32 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	71832		
173	27.7	7.8	47.8	
215	46.5	24.3	64.3	





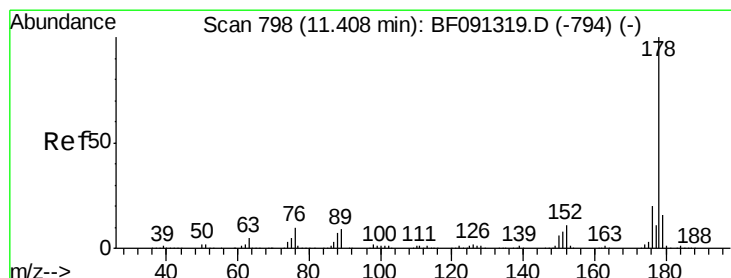
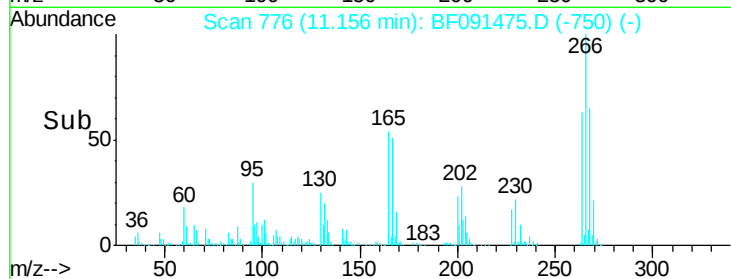
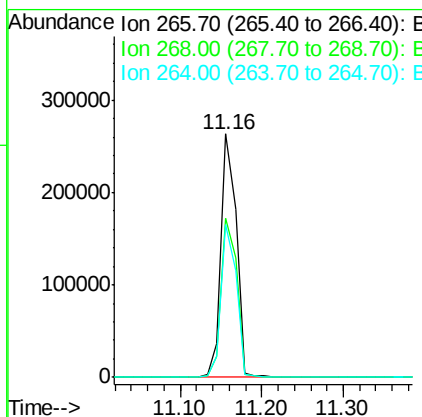
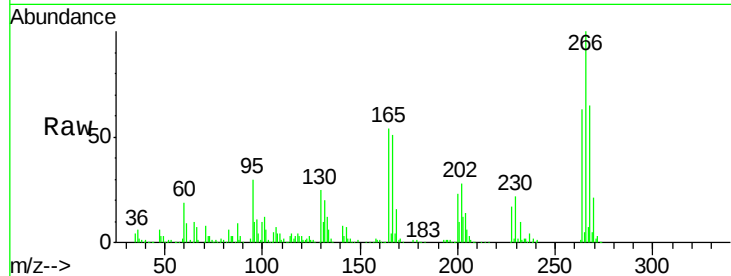
#69
 Pentachlorophenol
 Concen: 76.85 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	339653		
268	65.3		50.3	75.5
264	62.9		48.2	72.2

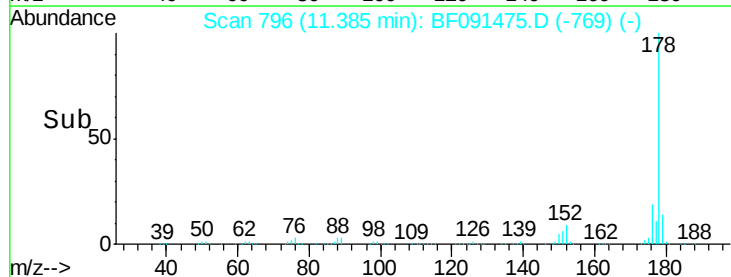
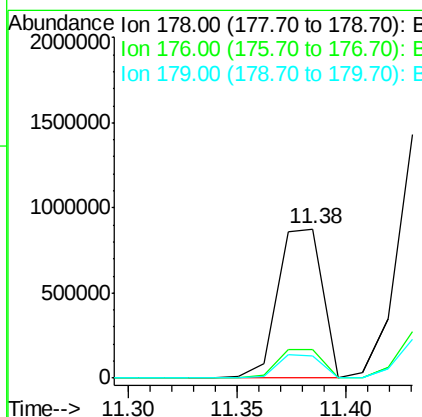
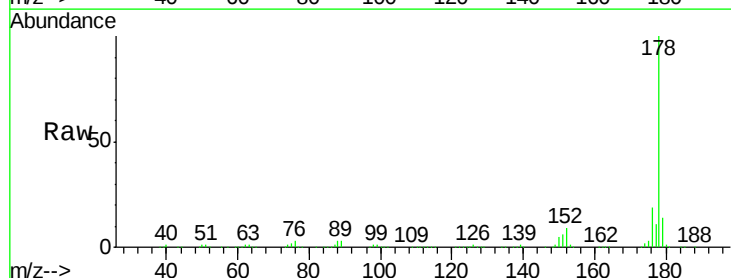
Manual Integrations
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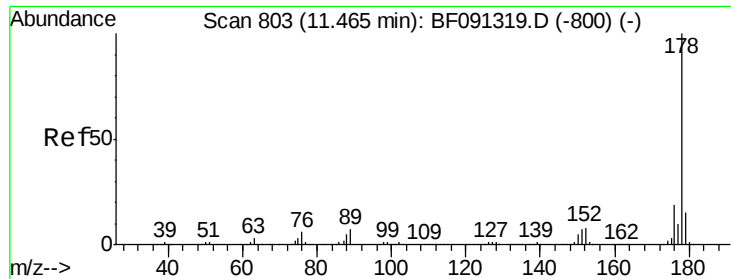
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#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1259443		
176	18.8		15.9	23.9
179	14.5		12.6	18.8





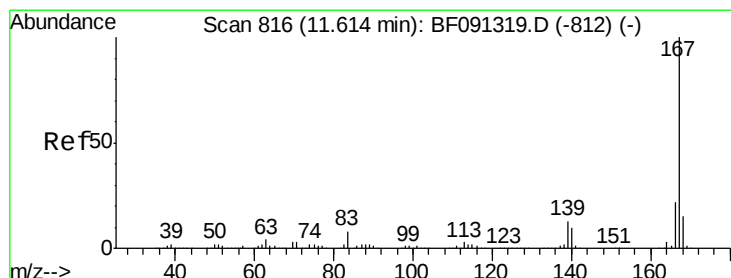
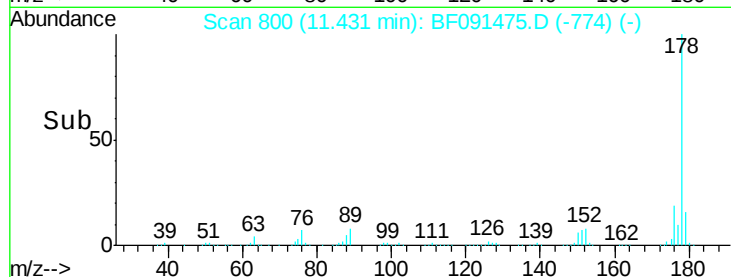
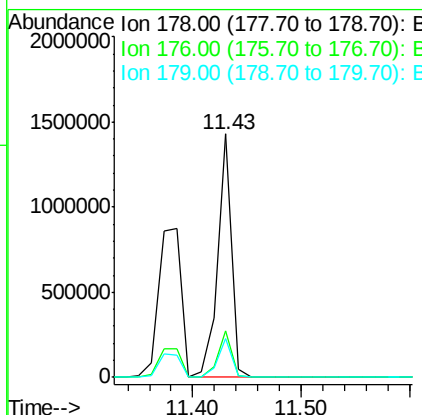
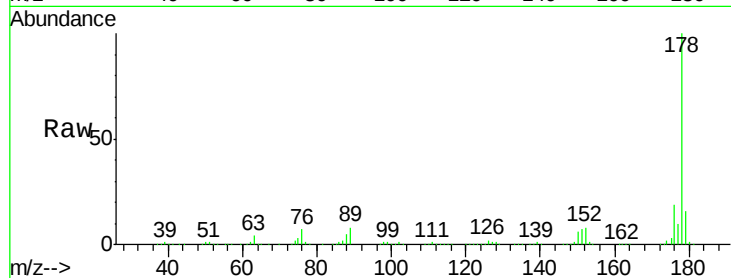
#71
 Anthracene
 Concen: 38.39 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion:178 Resp: 1279509
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 16.0 12.7 19.1

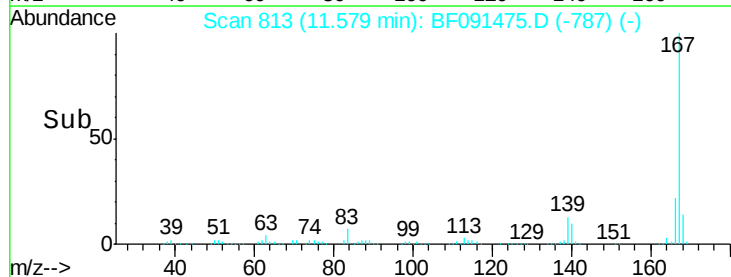
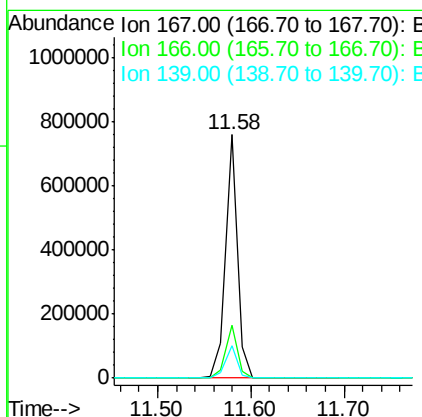
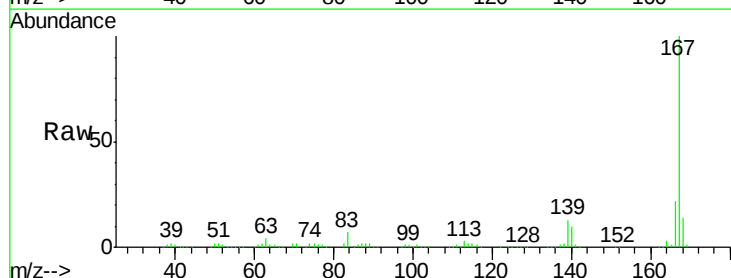
Manual Integrations
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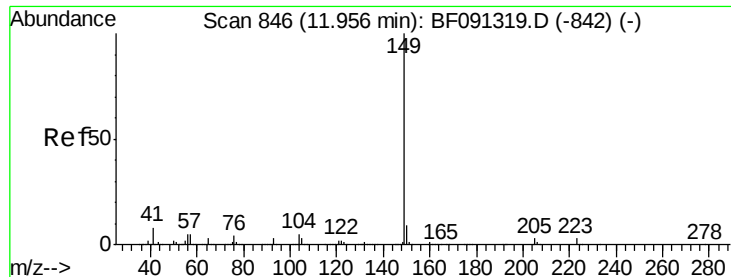
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#72
 Carbazole
 Concen: 22.22 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion:167 Resp: 672097
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.1 11.5 17.3





#73

Di-n-butylphthalate

Concen: 41.77 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:149 Resp: 1431930

Ion Ratio Lower Upper

149 100

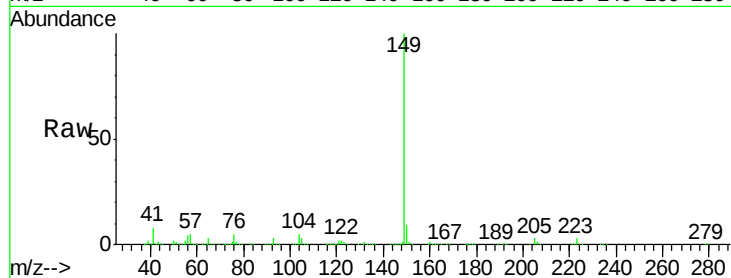
150 9.5 7.5 11.3

104 4.8 4.0 6.0

Manual Integrations
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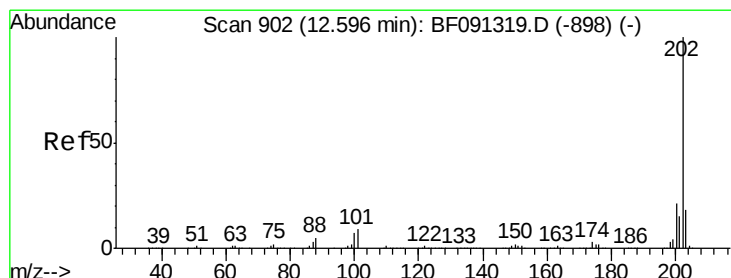
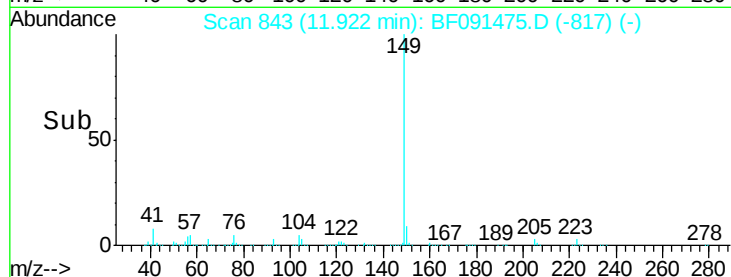
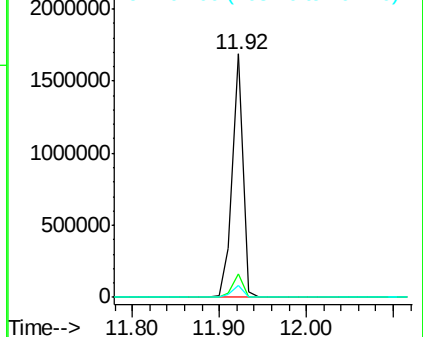
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.93 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

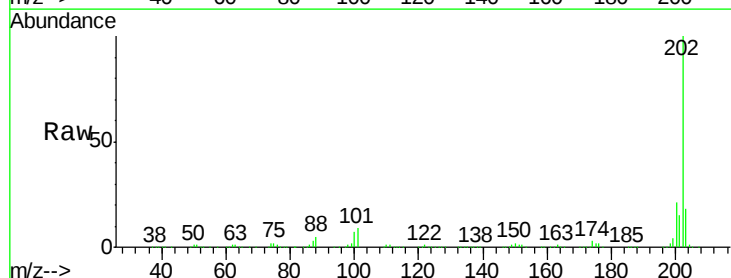
Tgt Ion:202 Resp: 1270414

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.5

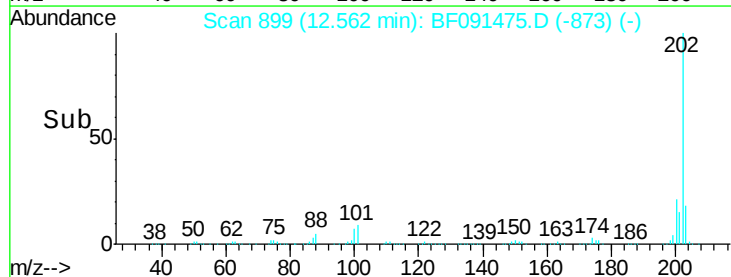
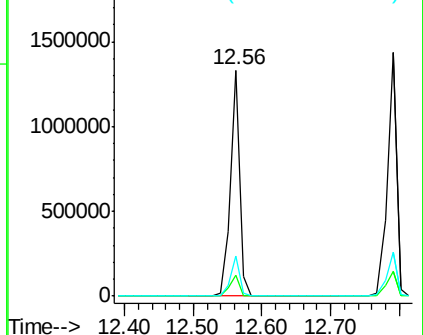
203 17.8 0.0 37.8

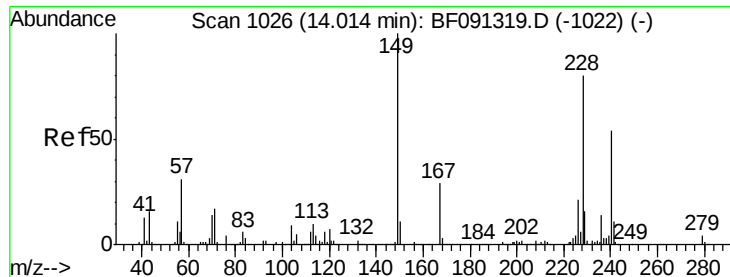


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

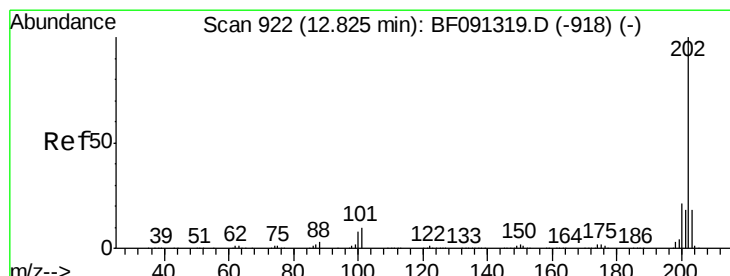
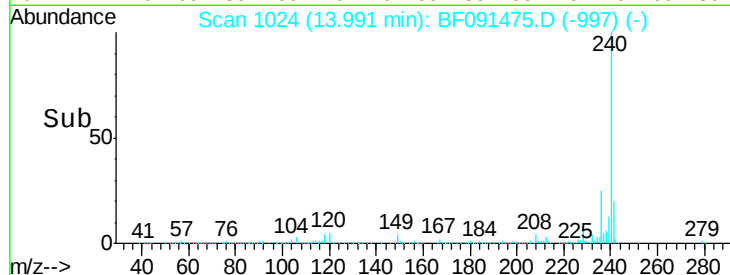
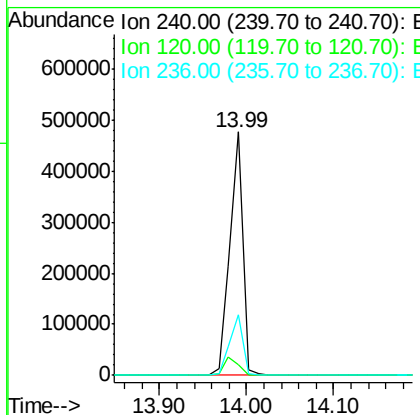
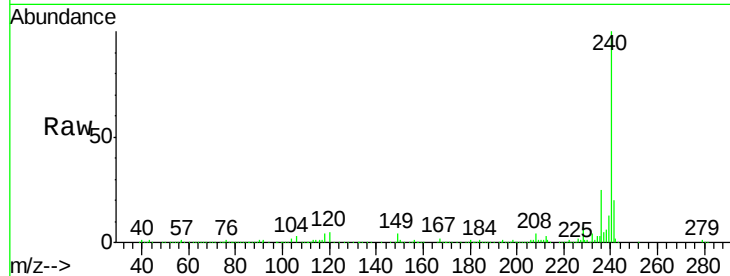
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:240 Resp: 495305
 Ion Ratio Lower Upper
 240 100
 120 4.6 12.1 18.1#
 236 24.9 21.0 31.6

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#77

Pyrene

Concen: 35.58 ng

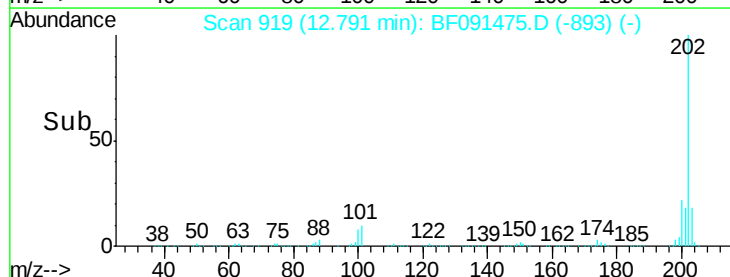
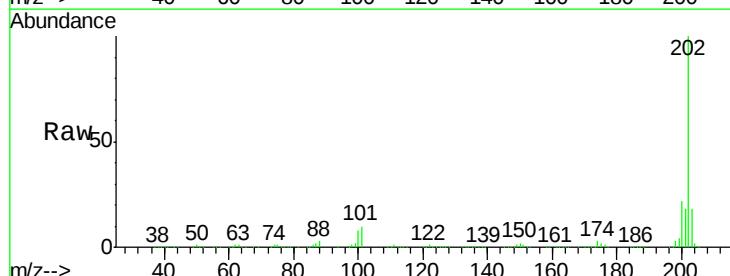
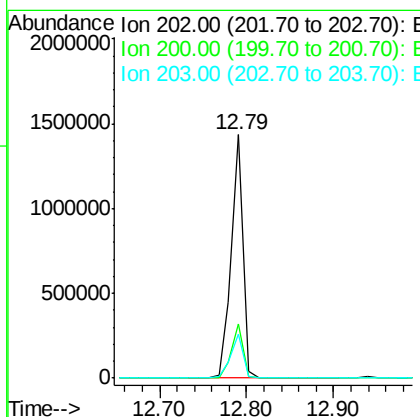
RT: 12.79 min Scan# 919

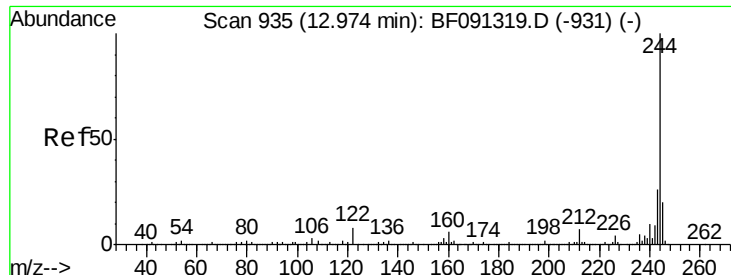
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:202 Resp: 1337333
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.6 26.4
 203 18.0 14.0 21.0





#78

Terphenyl-d14

Concen: 72.37 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:244 Resp: 1649195

Ion Ratio Lower Upper

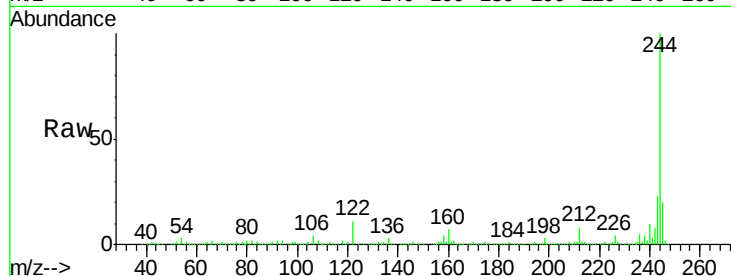
244 100

212 7.5 6.5 9.7

122 11.3 9.5 14.3

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.94

2000000

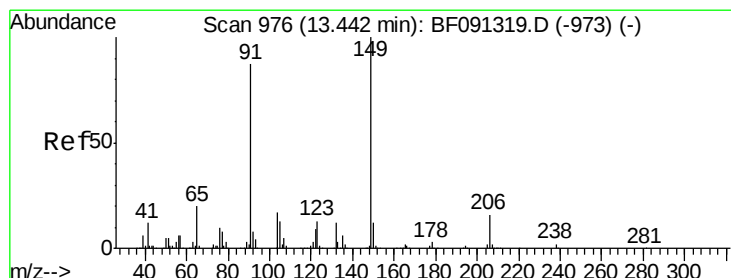
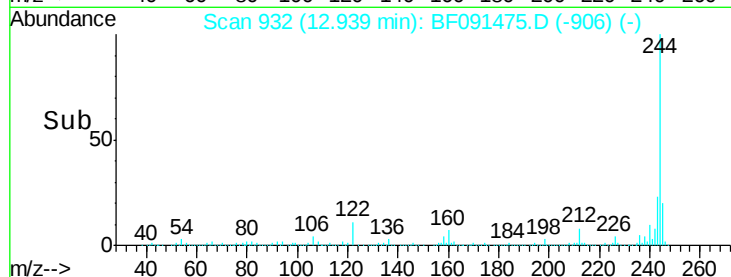
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00 13.10



#79

Butylbenzylphthalate

Concen: 40.80 ng

RT: 13.42 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

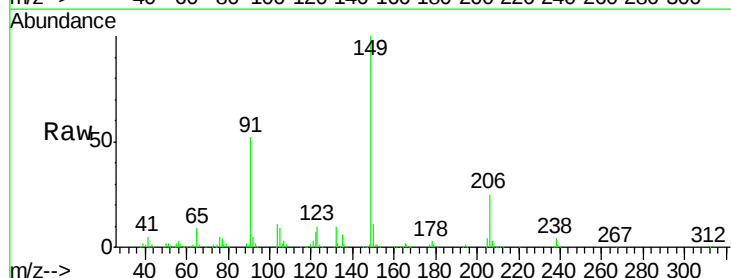
Tgt Ion:149 Resp: 574256

Ion Ratio Lower Upper

149 100

91 52.3 57.4 86.2#

206 24.9 15.4 23.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.42

600000

500000

400000

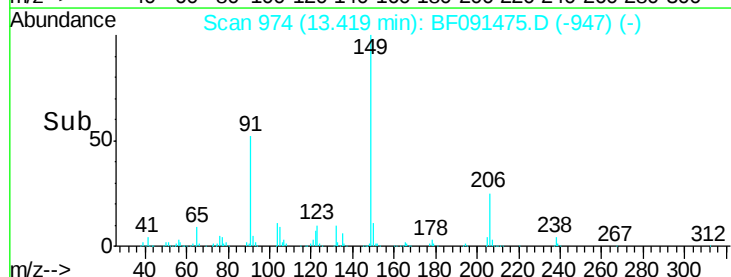
300000

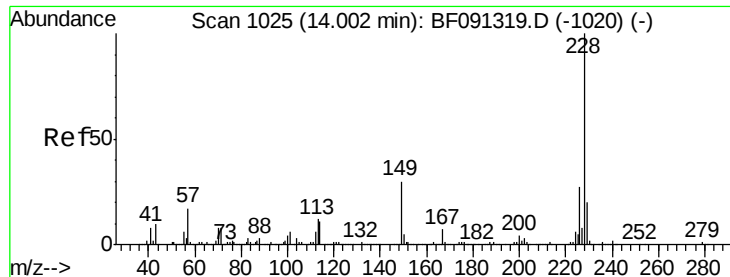
200000

100000

0

Time--> 13.35 13.40 13.45





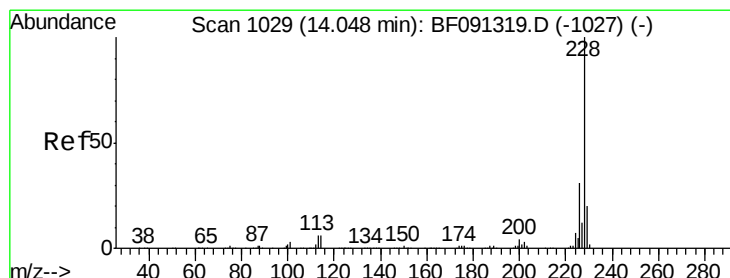
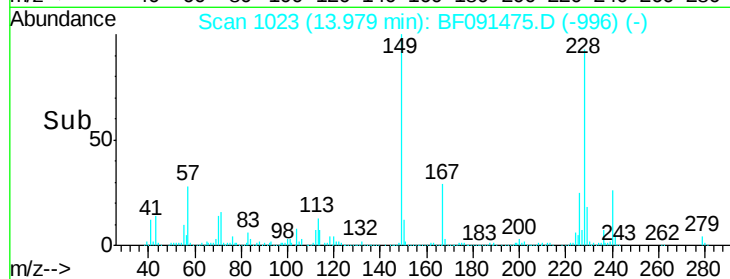
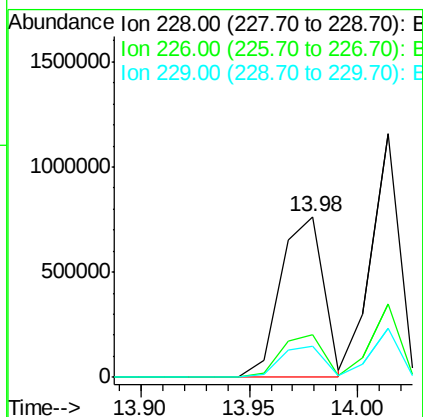
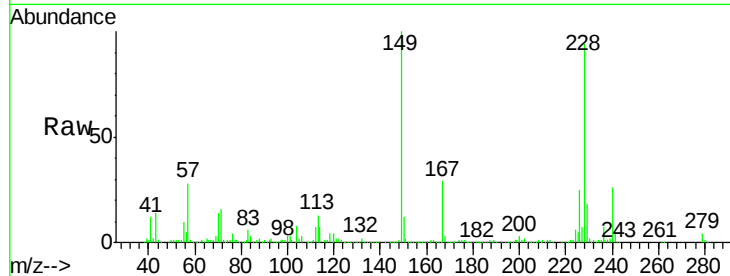
#80
Benzo(a)anthracene
Concen: 36.40 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion: 228 Resp: 1054234
Ion Ratio Lower Upper
228 100
226 26.5 22.5 33.7
229 19.4 16.4 24.6

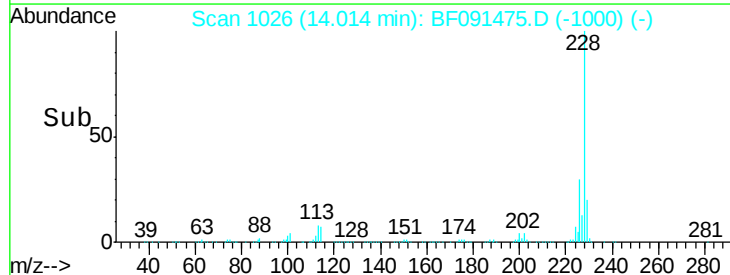
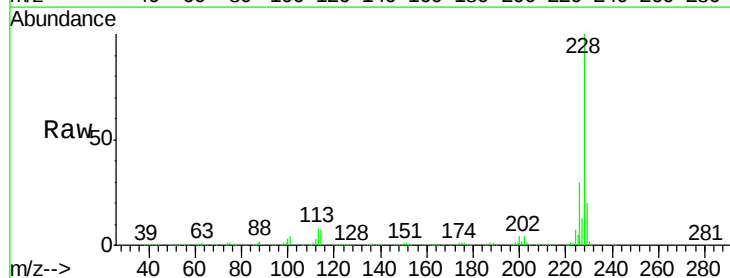
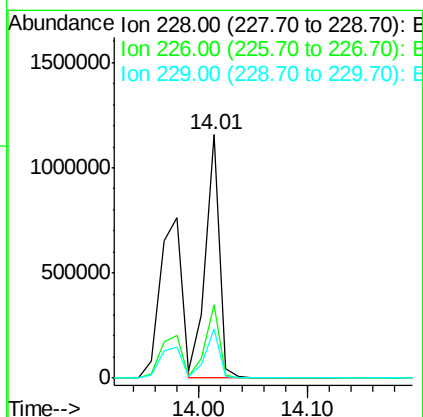
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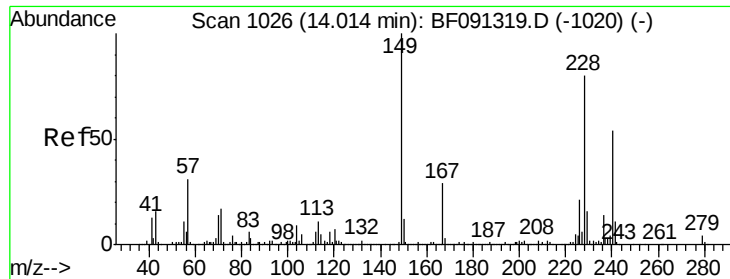
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#82
Chrysene
Concen: 36.34 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion: 228 Resp: 1041430
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.4
229 20.1 16.0 24.0





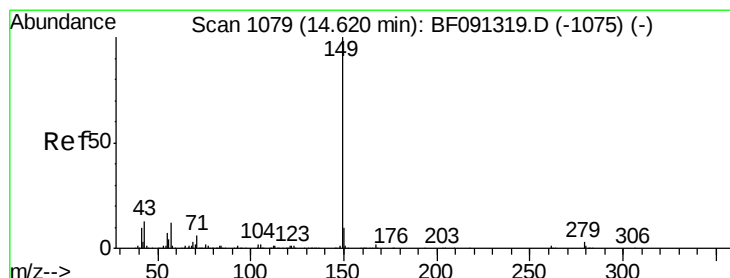
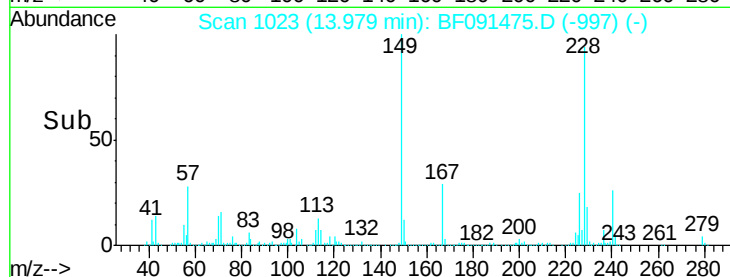
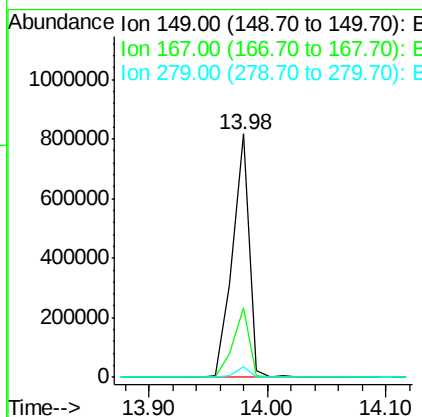
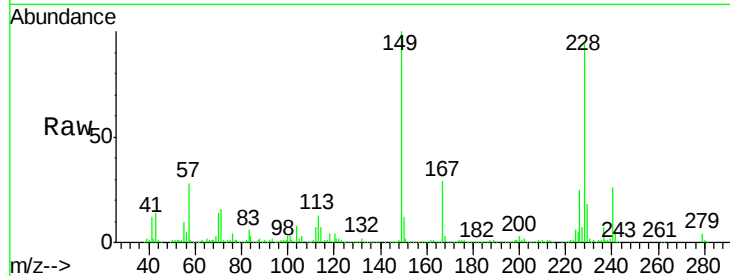
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.63 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	796189		
167	28.8		19.6	29.4
279	4.3		1.9	2.9#

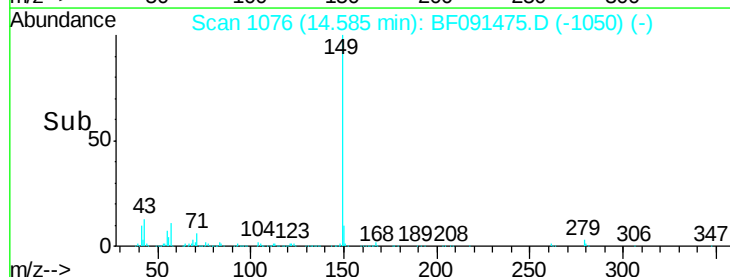
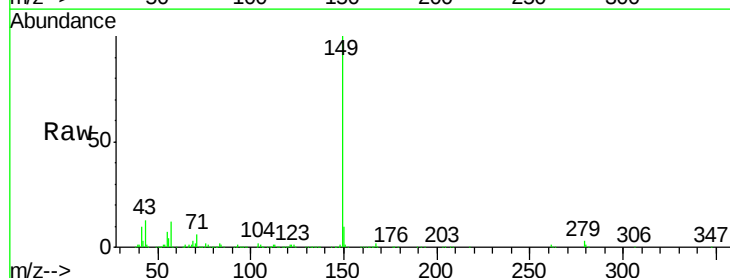
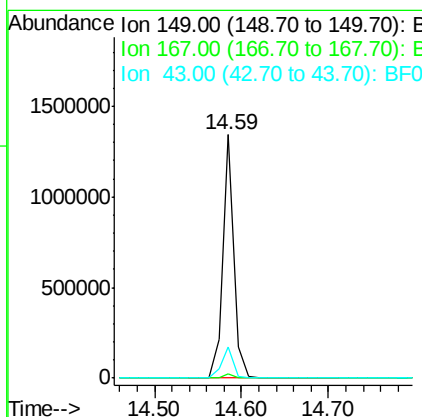
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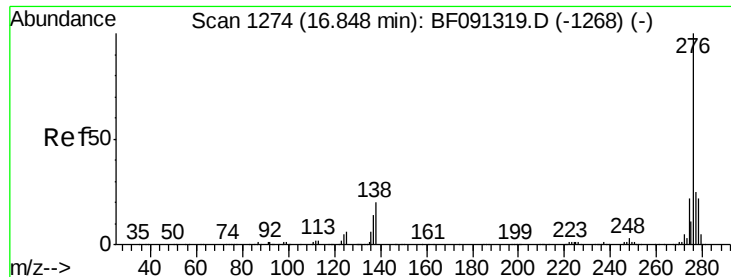
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#84
 Di-n-octyl phthalate
 Concen: 44.41 ng
 RT: 14.59 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1198992		
167	1.6		1.3	1.9
43	13.6		11.9	17.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.96 ng

RT: 16.79 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Instrument :

BNA_F

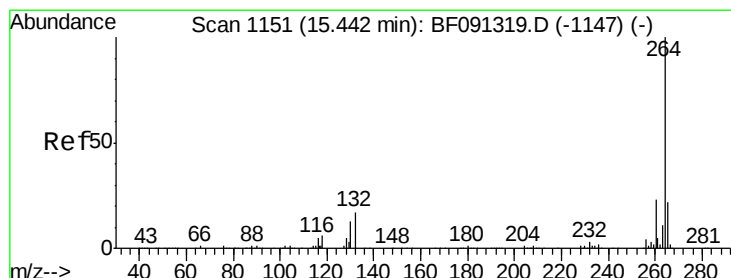
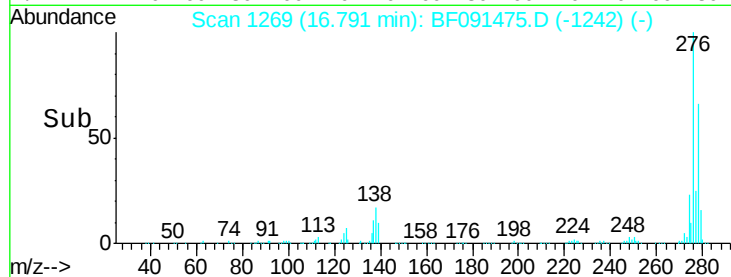
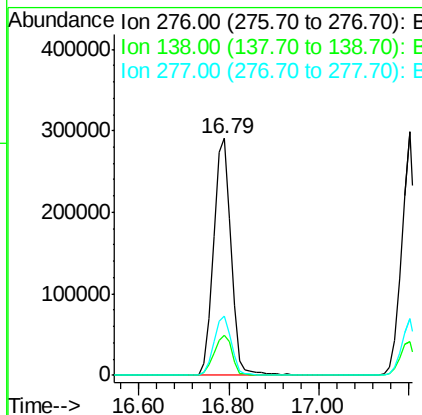
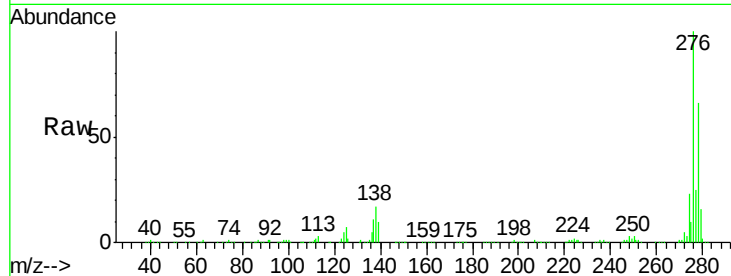
ClientSampleId :

N002-WD-A5-01-01MS

Tot Ion:	276	Resp:	786471
Ion Ratio	Lower	Upper	
276	100		
138	17.6	21.0	31.4#
277	25.0	20.2	30.2

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#86

Perylene-d12

Concen: 20.00 ng

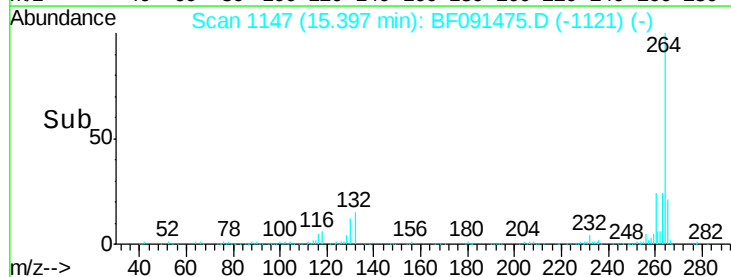
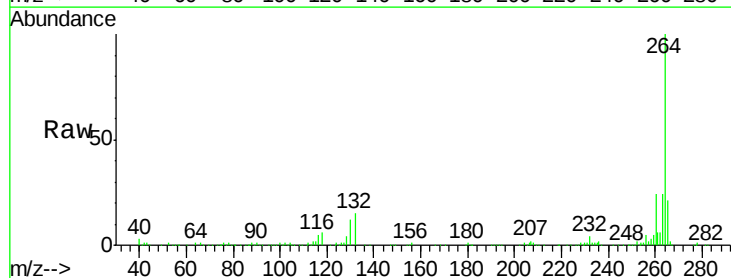
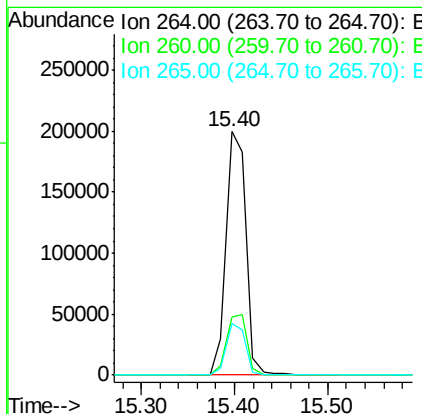
RT: 15.40 min Scan# 1147

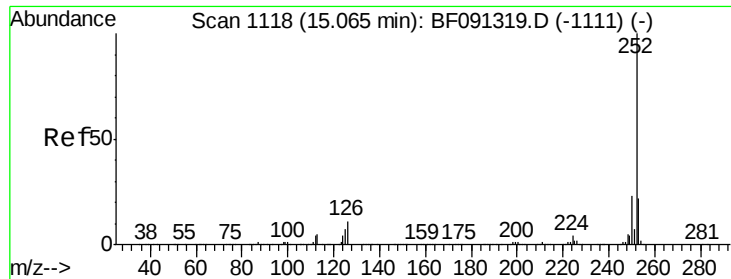
Delta R.T. -0.00 min

Lab File: BF091475.D

Acq: 7 Dec 2016 17:55

Tgt Ion:	264	Resp:	297037
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	21.2	17.0	25.6





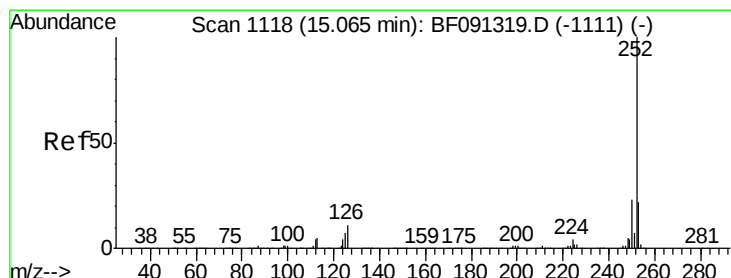
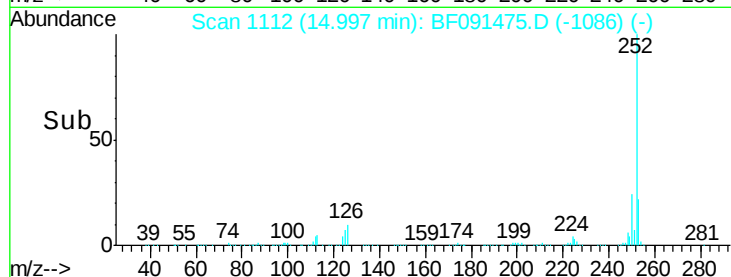
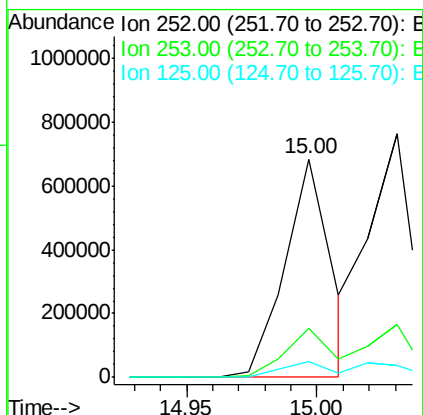
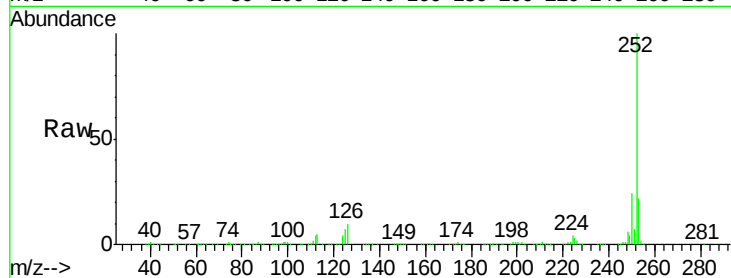
#87
Benzo(b)fluoranthene
Concen: 45.18 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	7.5	8.6	13.0

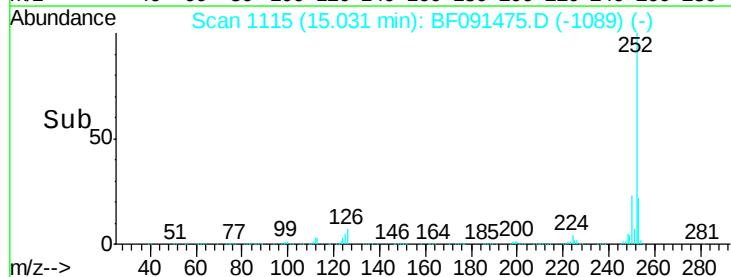
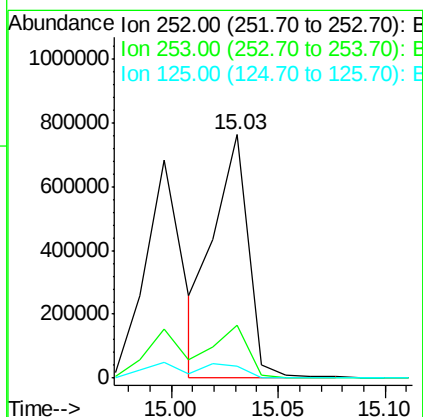
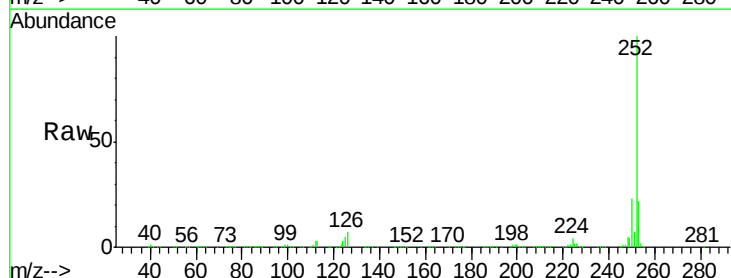
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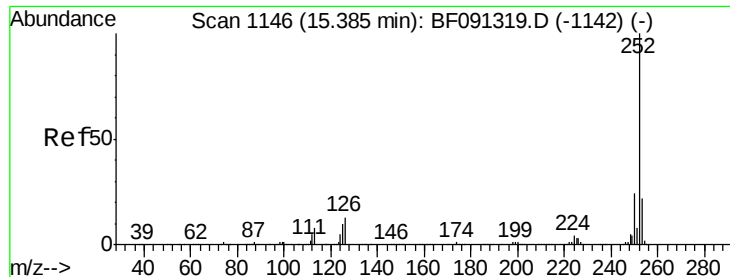
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#88
Benzo(k)fluoranthene
Concen: 55.48 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.1	9.6	14.4





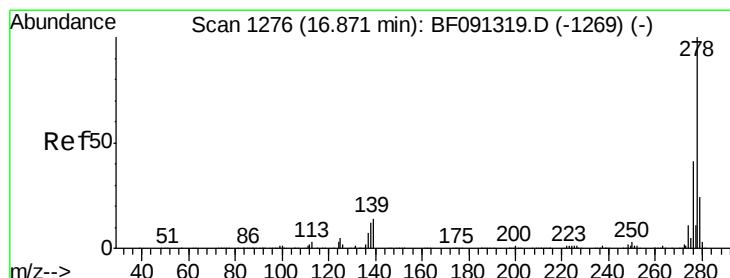
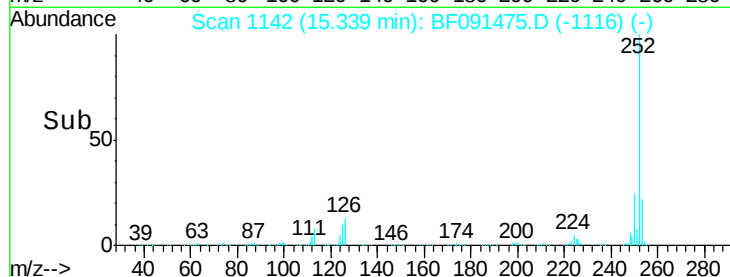
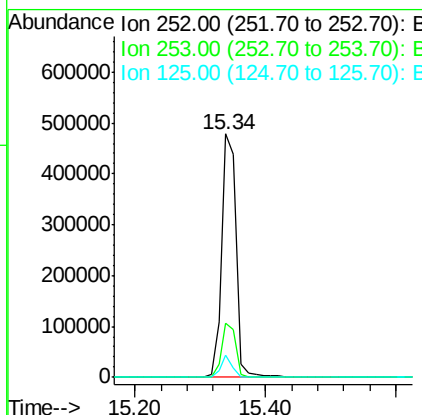
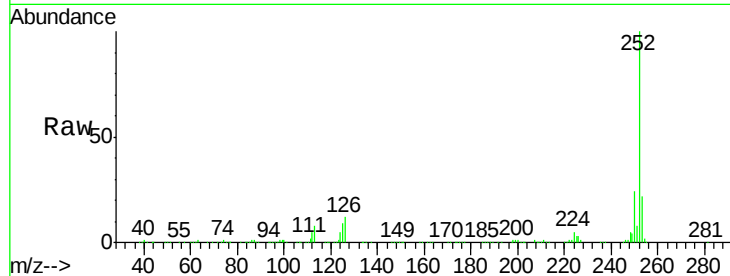
#89
Benzo(a)pyrene
Concen: 44.73 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.4	10.4	15.6

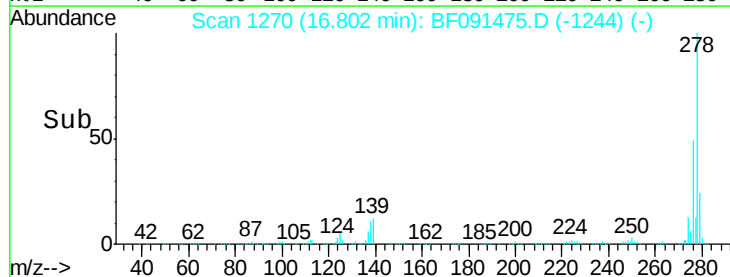
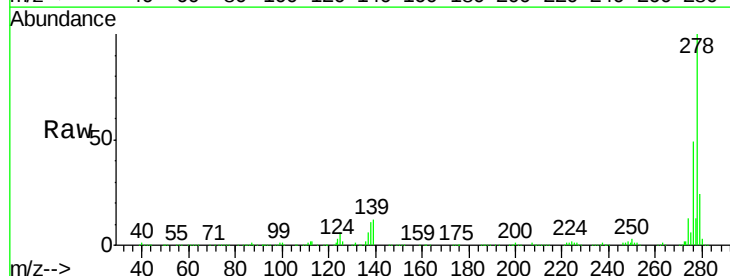
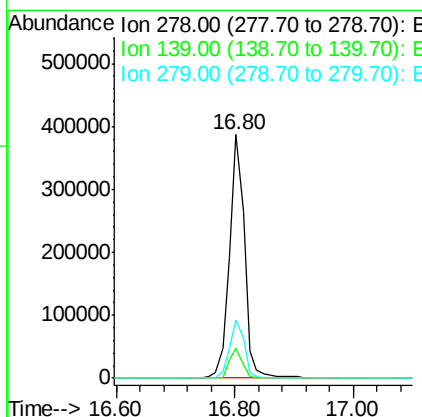
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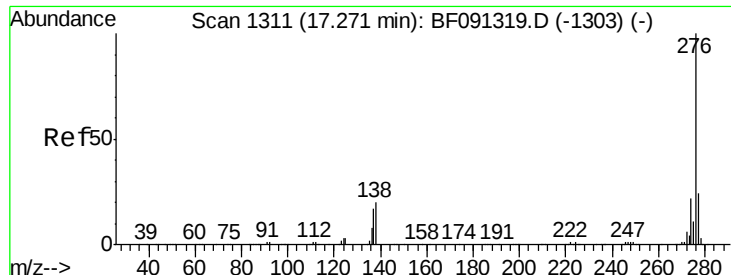
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#90
Dibenzo(a,h)anthracene
Concen: 44.11 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF091475.D
Acq: 7 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	15.1	22.7
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.58 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF091475.D
 Acq: 7 Dec 2016 17:55

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.2	19.0	28.4
138	14.1	15.4	23.0

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