

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091476.D
 Acq On : 7 Dec 2016 18:23
 Operator : UM/SJ
 Sample : H5867-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Dec 08 00:47:05 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	155715	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	598818	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	388368	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	676647	20.00	ng	0.00
75) Chrysene-d12	13.99	240	456030	20.00	ng	0.01
86) Perylene-d12	15.40	264	364920	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	932330	97.81	ng	0.02
7) Phenol-d6	6.47	99	1139986	97.16	ng	0.00
23) Nitrobenzene-d5	7.40	82	774409	72.47	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	456923	124.27	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1662687	77.52	ng	0.00
78) Terphenyl-d14	12.94	244	1771699	84.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	112158	26.01	ng	# 83
3) Pyridine	3.27	79	274665	22.51	ng	# 80
4) n-Nitrosodimethylamine	3.21	42	215794	33.70	ng	98
6) Aniline	6.49	93	182646	11.72	ng	# 17
8) 2-Chlorophenol	6.62	128	367355	35.15	ng	# 80
9) Benzaldehyde	6.38	77	79778	10.57	ng	84
10) Phenol	6.48	94	343748	24.90	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	366416	37.14	ng	99
12) 1,3-Dichlorobenzene	6.78	146	363163	31.24	ng	95
13) 1,4-Dichlorobenzene	6.85	146	341628	29.54	ng	95
14) 1,2-Dichlorobenzene	7.01	146	374113	34.73	ng	96
15) Benzyl Alcohol	6.98	79	338887	36.09	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	701082	33.05	ng	73
17) 2-Methylphenol	7.10	107	285567	34.57	ng	# 76
18) Hexachloroethane	7.35	117	135023	32.89	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	284496	38.49	ng	# 89
20) 3+4-Methylphenols	7.25	107	351022	34.81	ng	# 60
22) Acetophenone	7.25	105	512334	36.10	ng	# 83
24) Nitrobenzene	7.42	77	420459	38.43	ng	# 89
25) Isophorone	7.66	82	721133	38.09	ng	99
26) 2-Nitrophenol	7.74	139	192480	38.61	ng	# 75
27) 2,4-Dimethylphenol	7.77	122	320206	34.33	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	470538	41.29	ng	99
29) 2,4-Dichlorophenol	7.98	162	328715	40.07	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	334037	36.32	ng	98
31) Naphthalene	8.14	128	1009482	35.47	ng	100
32) Benzoic acid	7.90	122	225200	32.76	ng	97
33) 4-Chloroaniline	8.20	127	85733	7.05	ng	99
34) Hexachlorobutadiene	8.26	225	218058	38.55	ng	99
35) Caprolactam	8.56	113	80266m	34.04	ng	
36) 4-Chloro-3-methylphenol	8.68	107	339856	38.37	ng	98
37) 2-Methylnaphthalene	8.84	142	798205	41.28	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	343333	31.36	ng	99
40) Hexachlorocyclopentadiene	8.98	237	392108	77.26	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	270769	38.05	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	240083	33.67	nq	# 94
45) 1,1'-Biphenyl	9.29	154	889024	31.83	nq	97
46) 2-Chloronaphthalene	9.32	162	667993	32.12	nq	98
47) 2-Nitroaniline	9.42	65	281943	37.75	nq	90
48) Acenaphthylene	9.74	152	1159152	35.41	nq	99
49) Dimethylphthalate	9.60	163	832379	35.40	nq	98
50) 2,6-Dinitrotoluene	9.66	165	193737	36.86	nq	94
51) Acenaphthene	9.91	154	903756	40.93	nq	95
52) 3-Nitroaniline	9.82	138	75034	12.33	nq	85
53) 2,4-Dinitrophenol	9.93	184	243531	105.95	nq	93
54) Dibenzofuran	10.08	168	1117164	37.78	nq	93
55) 4-Nitrophenol	9.99	139	249808	56.85	nq	96
56) 2,4-Dinitrotoluene	10.06	165	243709	35.75	nq	# 61
57) Fluorene	10.42	166	910781	40.12	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.20	232	237230	38.96	nq	96
59) Diethylphthalate	10.30	149	857879	36.96	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	409140	35.94	nq	# 88
61) 4-Nitroaniline	10.44	138	178686	31.28	nq	83
62) Azobenzene	10.57	77	963580	40.68	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	168266	45.14	nq	# 55
65) n-Nitrosodiphenylamine	10.54	169	776911	37.87	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	308940	42.48	nq	# 82
67) Hexachlorobenzene	10.96	284	293984	37.41	nq	# 73
68) Atrazine	11.06	200	266779	40.15	nq	96
69) Pentachlorophenol	11.16	266	356827	77.12	nq	95
70) Phenanthrene	11.38	178	1332905	37.91	nq	99
71) Anthracene	11.43	178	1352524	38.76	nq	99
72) Carbazole	11.58	167	1150248	36.33	nq	99
73) Di-n-butylphthalate	11.92	149	1418316	39.52	nq	100
74) Fluoranthene	12.56	202	1315908	39.51	nq	99
76) Benzidine	12.68	184	117151	8.75	nq	98
77) Pyrene	12.79	202	1412926	40.83	nq	99
79) Butylbenzylphthalate	13.41	149	549034	42.37	nq	89
80) Benzo(a)anthracene	13.98	228	1007745	37.79	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	168278	17.91	nq	# 94
82) Chrysene	14.01	228	1008798	38.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	771996	47.00	nq	# 91
84) Di-n-octyl phthalate	14.59	149	1159381	46.64	nq	96
85) Indeno(1,2,3-cd)pyrene	16.79	276	823654	34.08	nq	# 91
87) Benzo(b)fluoranthene	15.00	252	808769	35.66	nq	# 97
88) Benzo(k)fluoranthene	15.03	252	856709m	44.92	nq	
89) Benzo(a)pyrene	15.34	252	758857	37.25	nq	# 95
90) Dibenzo(a,h)anthracene	16.80	278	687102	36.47	nq	# 92
91) Benzo(g,h,i)perylene	17.20	276	689662	35.50	nq	96

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

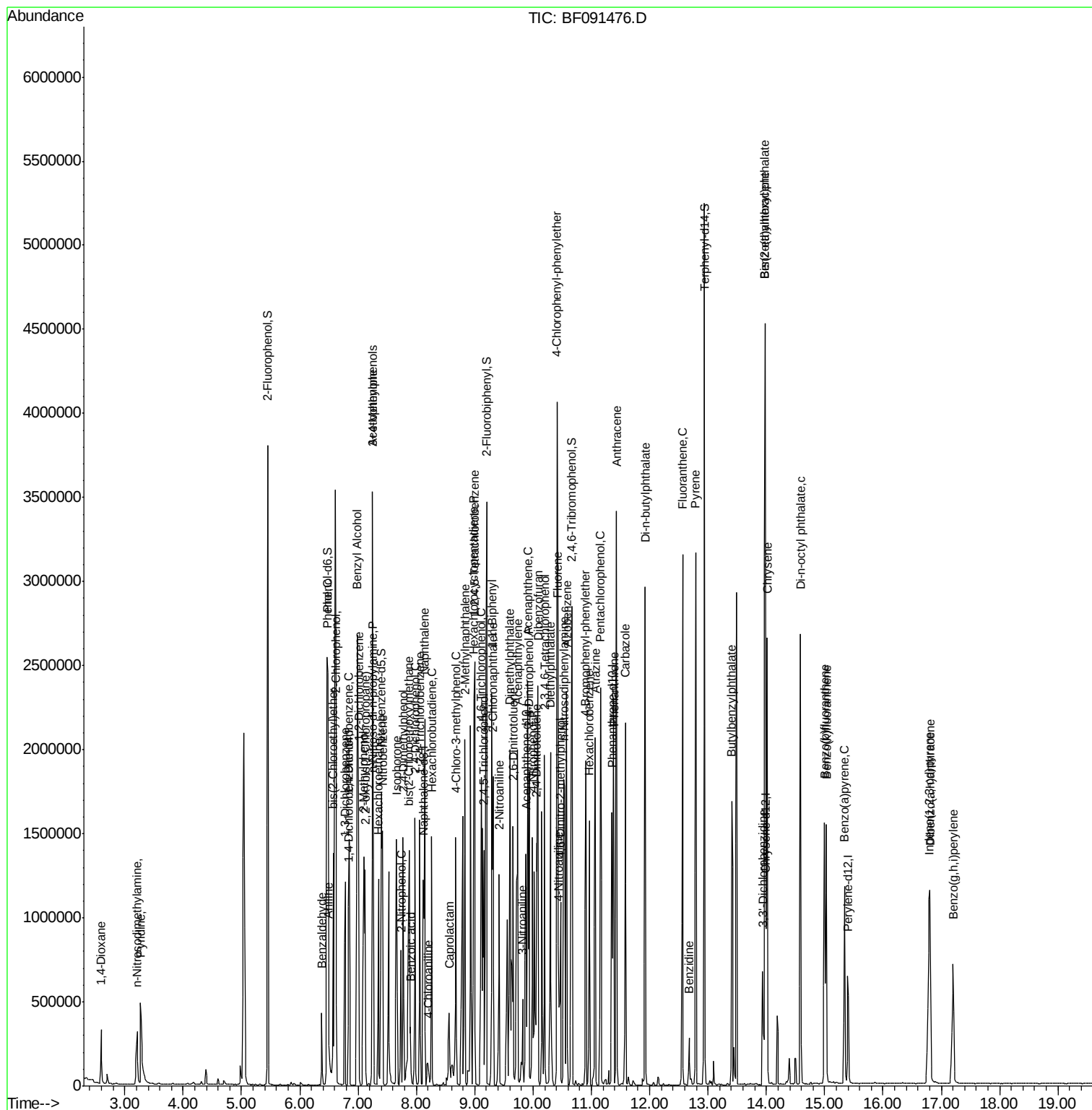
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Sample    : H5867-03MSD  
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ALS Vial  : 8 Sample Multiplier: 1
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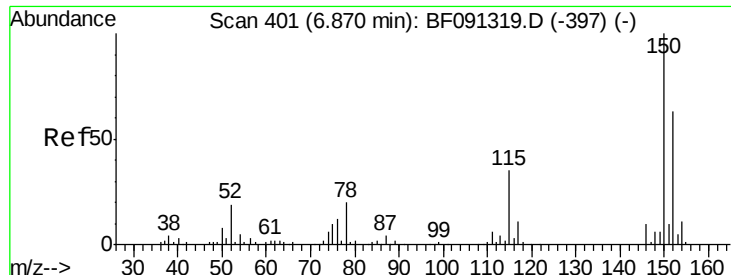
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

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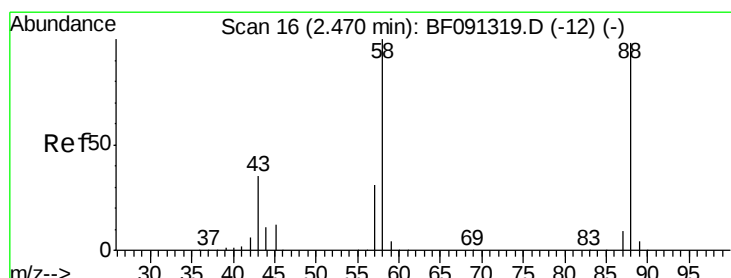
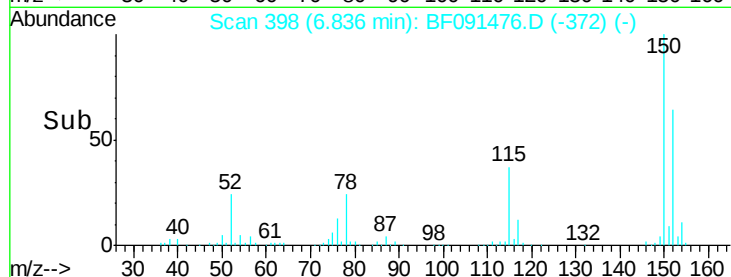
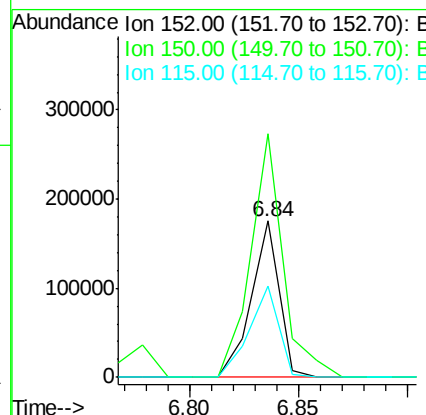
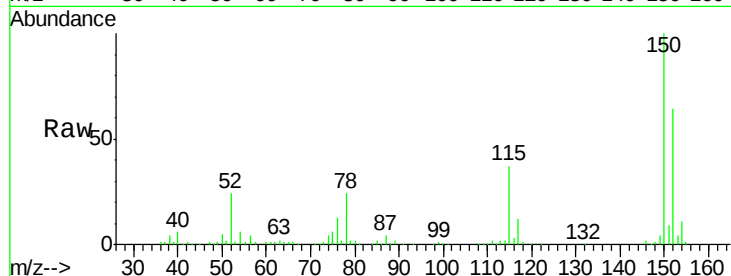
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	58.2	51.8	77.8

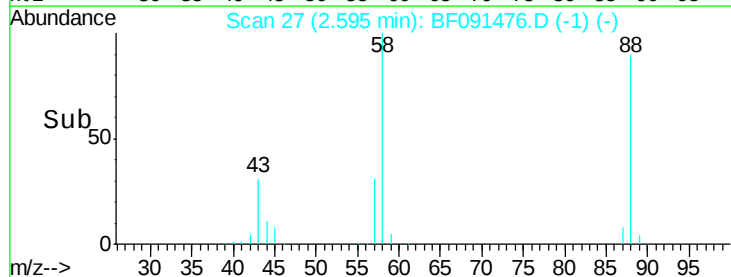
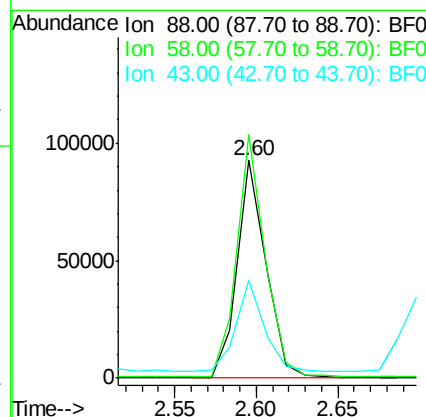
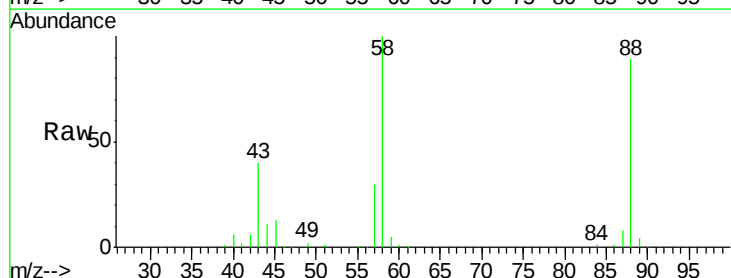
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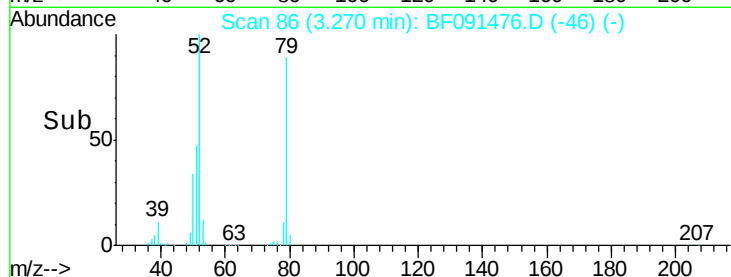
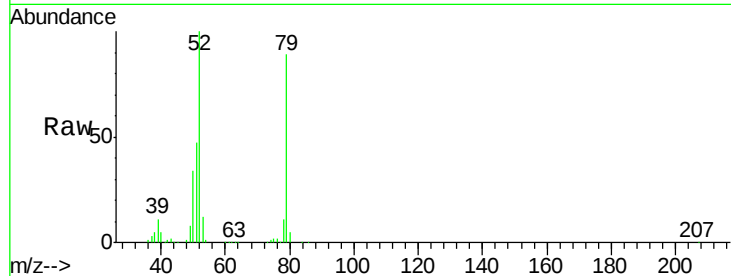
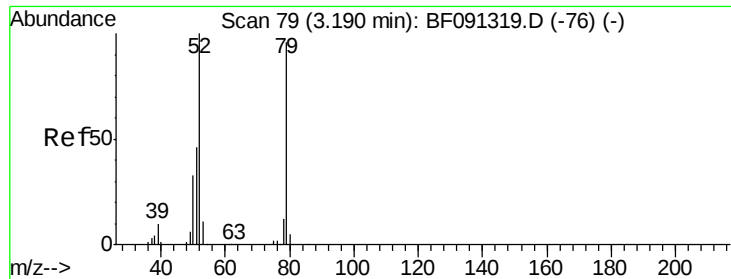
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#2
 1,4-Dioxane
 Concen: 26.01 ng
 RT: 2.60 min Scan# 27
 Delta R.T. 0.19 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.3	70.3	105.5#
43	41.2	31.3	46.9





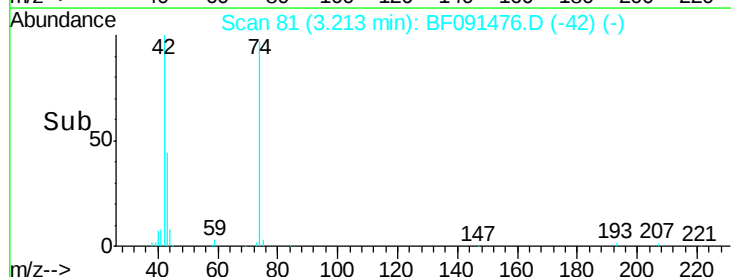
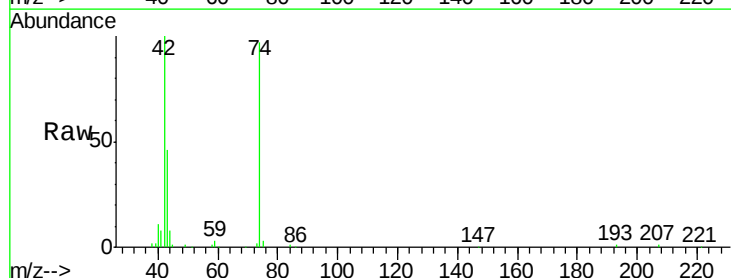
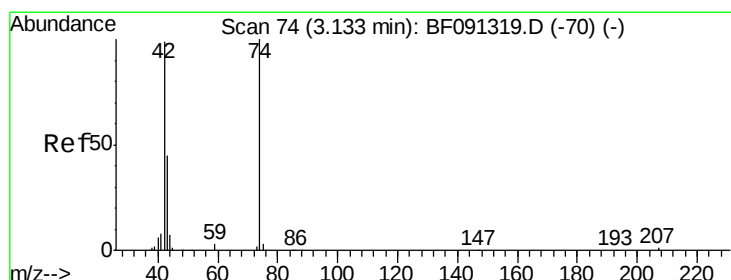
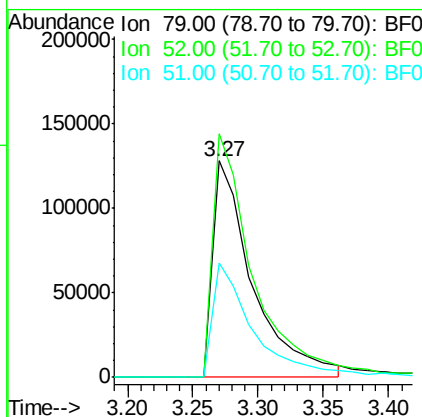
#3
 Pvridine
 Concen: 22.51 ng
 RT: 3.27 min Scan# 86
 Delta R.T. 0.16 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	112.6	71.0	106.4#
51	52.9	37.0	55.4

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

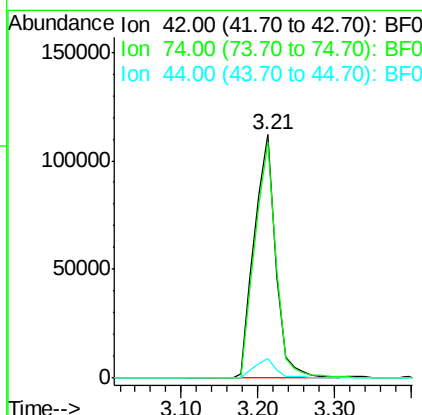
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#4
 n-Nitrosodimethylamine
 Concen: 33.70 ng
 RT: 3.21 min Scan# 81
 Delta R.T. 0.15 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	96.9	78.9	118.3
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 97.81 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

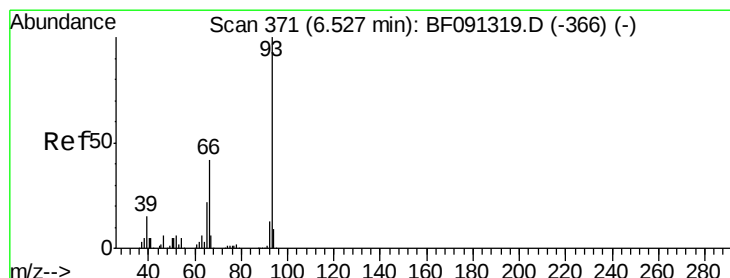
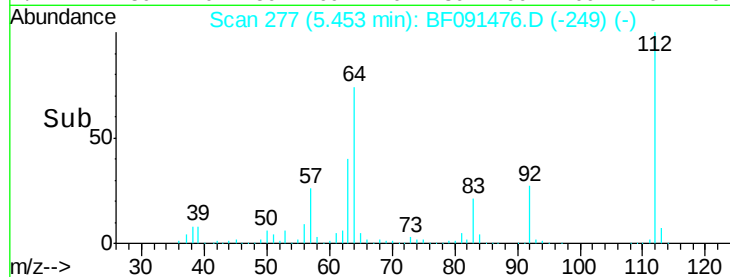
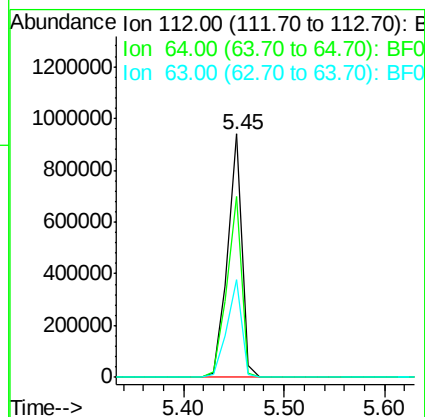
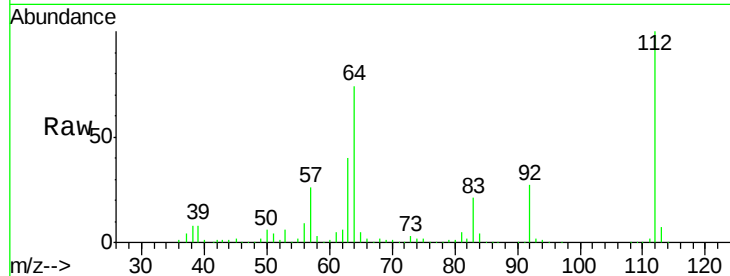
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	112	Resp:	932330
Ion Ratio	Lower	Upper	
112	100		
64	74.4	61.5	92.3
63	40.2	33.3	49.9

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#6

Aniline

Concen: 11.72 ng

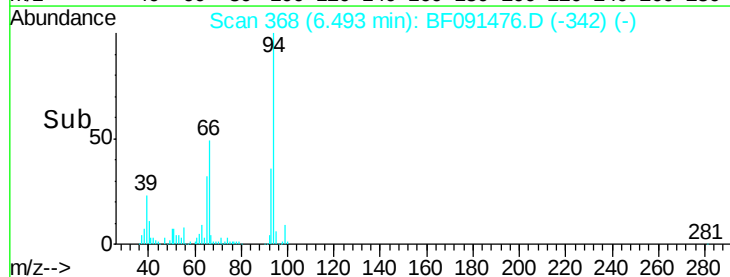
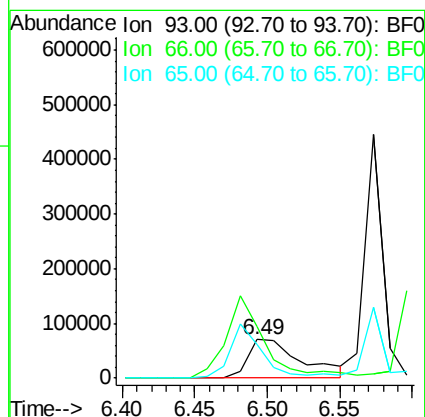
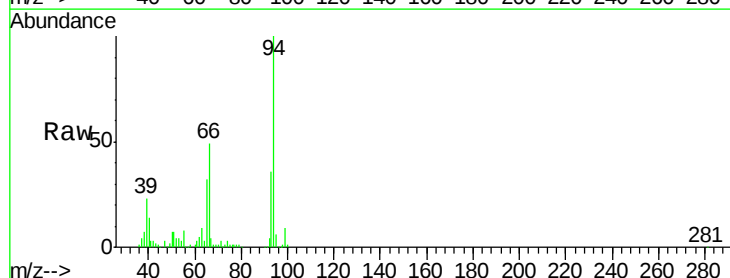
RT: 6.49 min Scan# 368

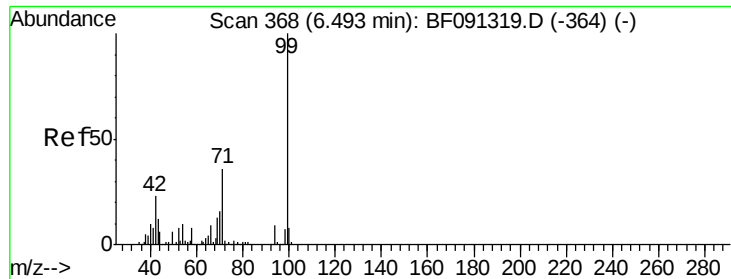
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	93	Resp:	182646
Ion Ratio	Lower	Upper	
93	100		
66	136.6	55.8	83.6#
65	89.2	29.9	44.9#





#7

Phenol-d6

Concen: 97.16 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion: 99 Resp: 1139986

Ion Ratio Lower Upper

99 100

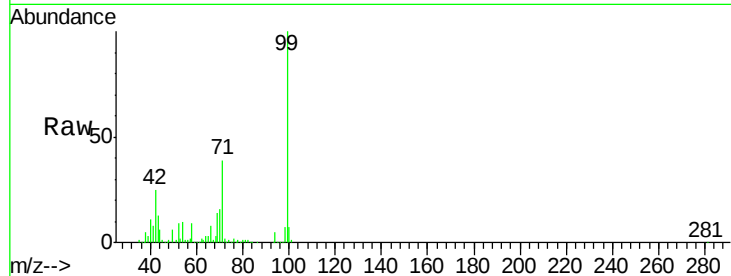
42 25.0 20.6 31.0

71 39.1 29.9 44.9

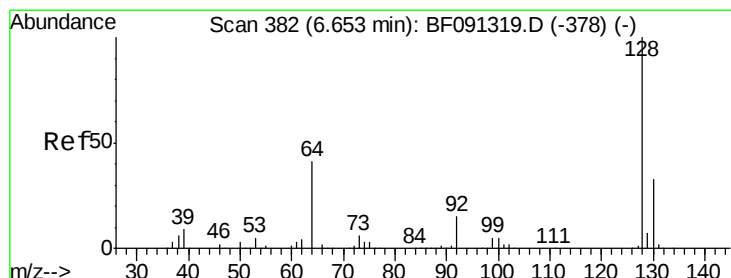
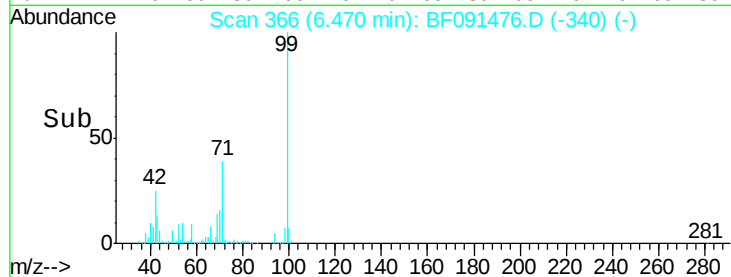
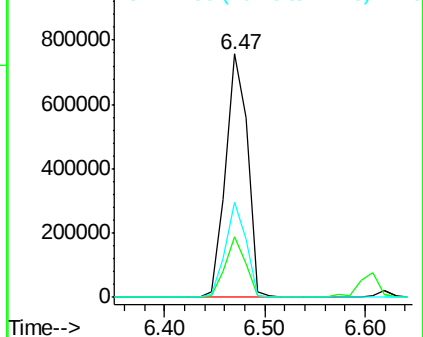
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.15 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

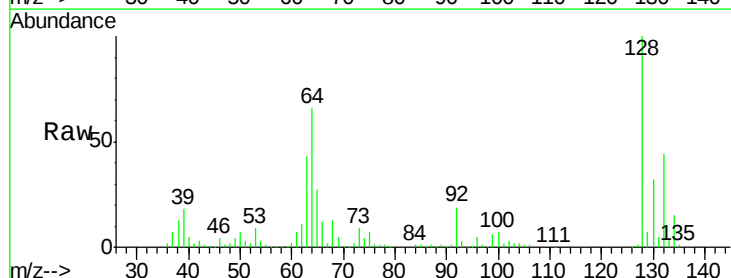
Tgt Ion: 128 Resp: 367355

Ion Ratio Lower Upper

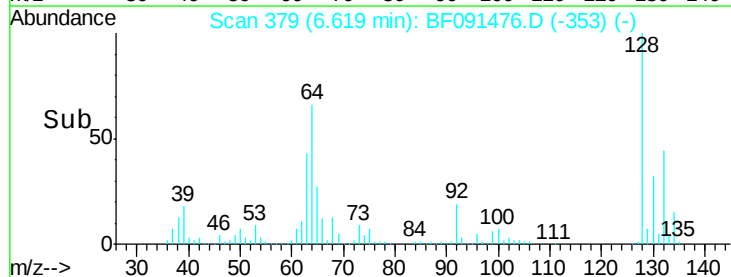
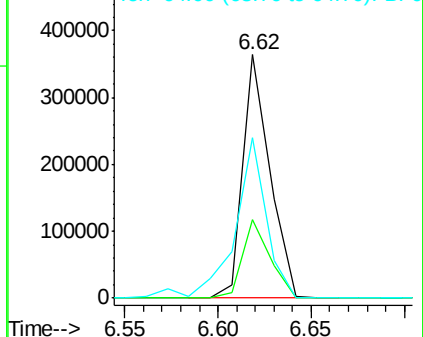
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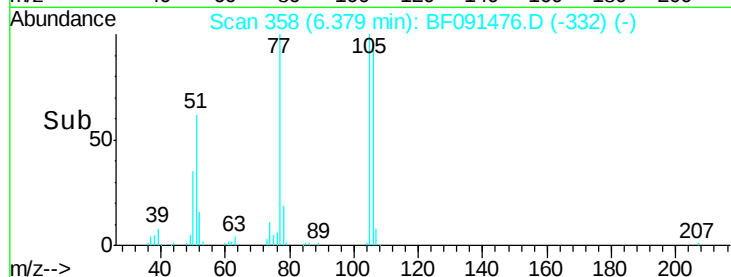
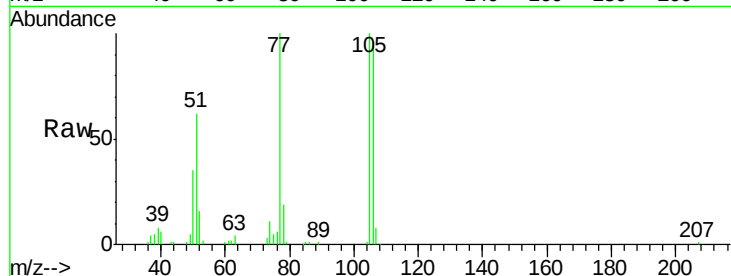
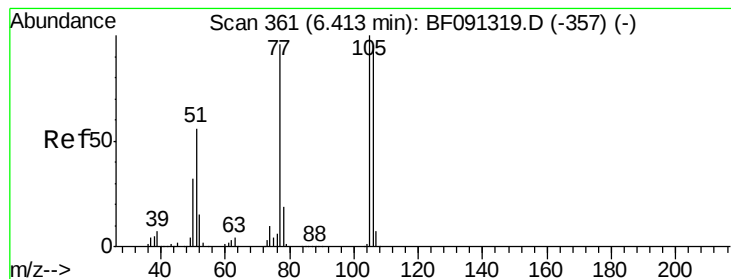
130 32.3 13.1 53.1

64 65.9 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





#9

Benzaldehyde

Concen: 10.57 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tot Ion:	77	Resp:	79778
Ion	Ratio	Lower	Upper
77	100		
105	100.1	66.4	106.4
106	96.1	60.9	100.9

Instrument :

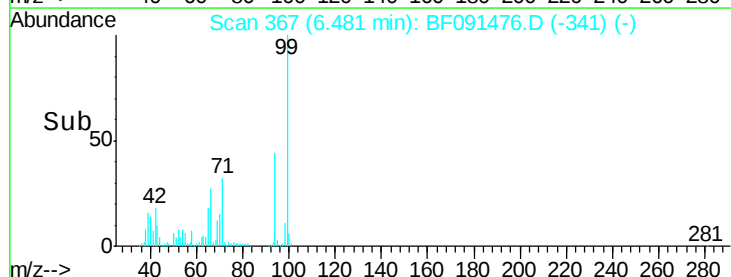
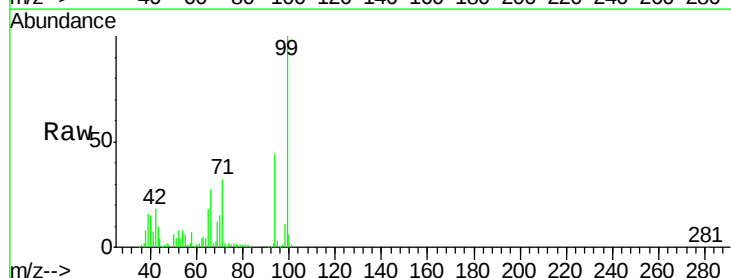
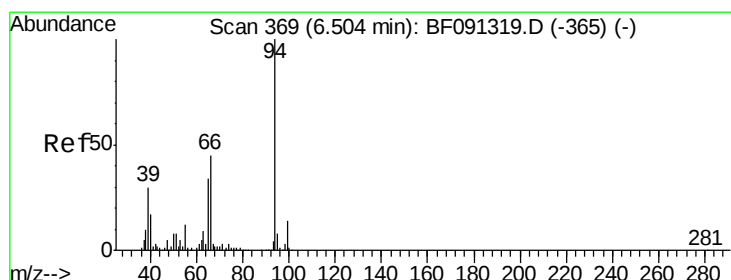
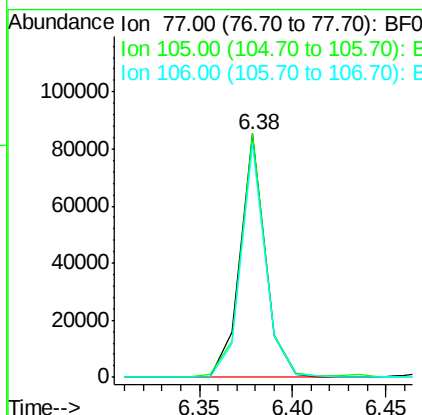
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 24.90 ng

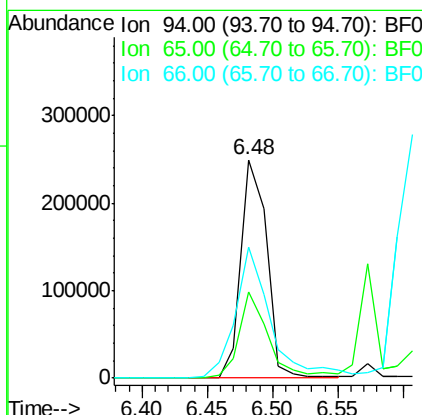
RT: 6.48 min Scan# 367

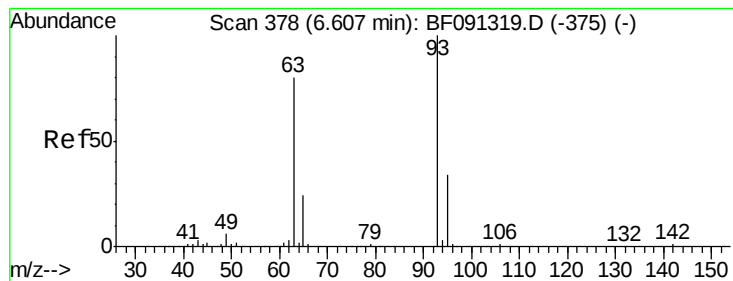
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	94	Resp:	343748
Ion	Ratio	Lower	Upper
94	100		
65	39.4	16.9	56.9
66	60.2	30.6	70.6





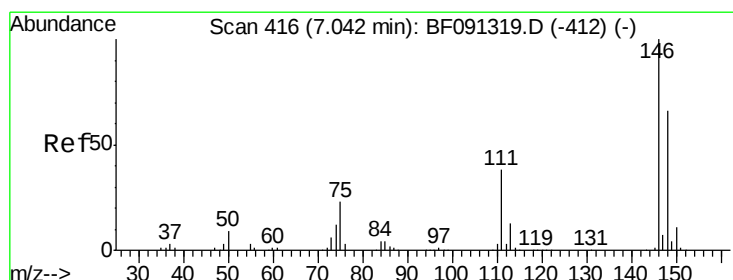
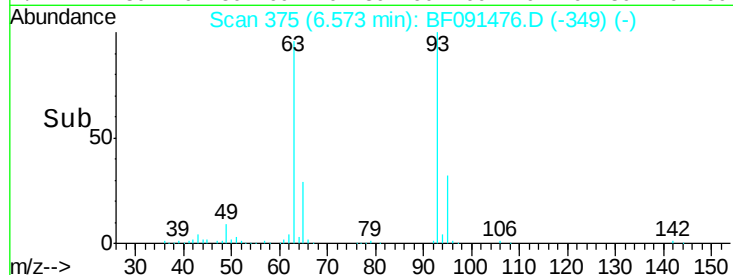
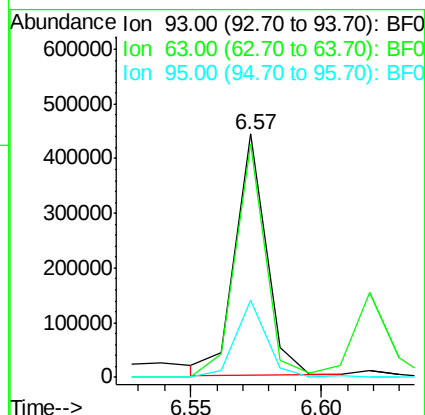
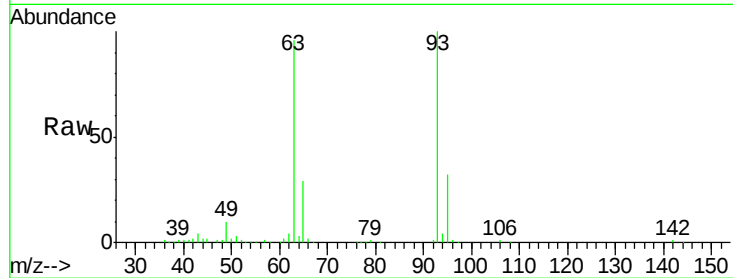
#11
bis(2-Chloroethyl)ether
Concen: 37.14 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	96.1	74.8	114.8
95	31.6	12.4	52.4

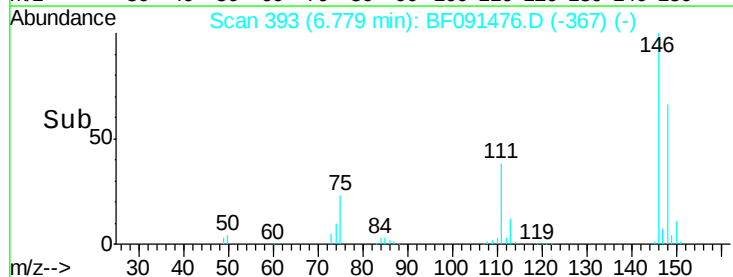
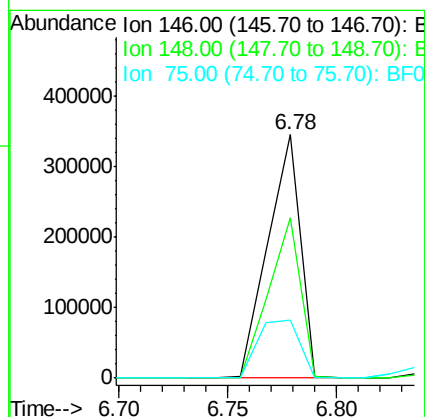
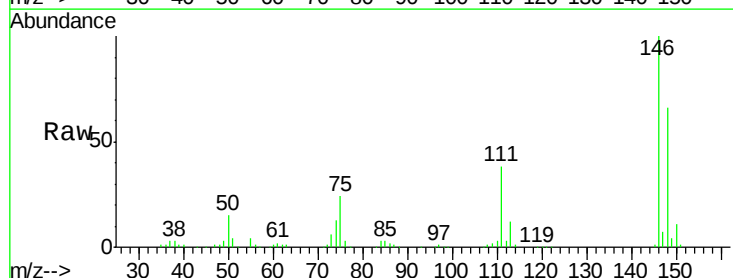
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#12
1,3-Dichlorobenzene
Concen: 31.24 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	23.8	23.6	35.4





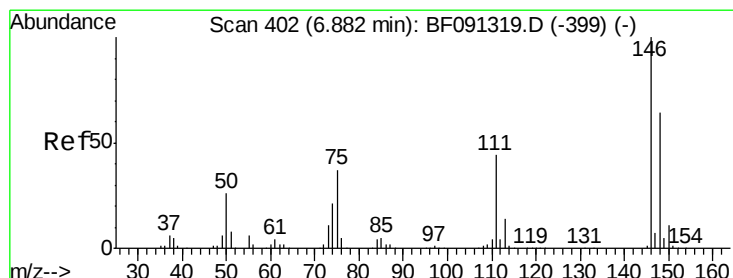
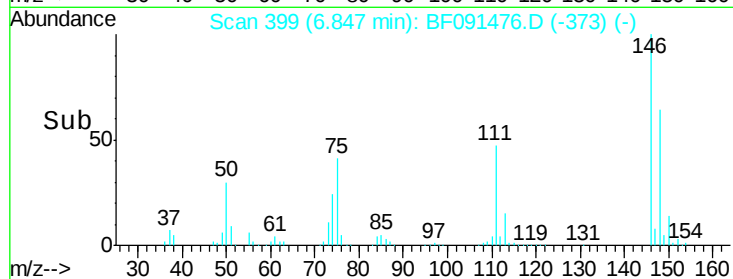
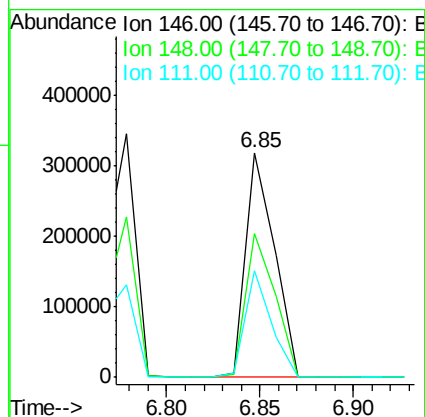
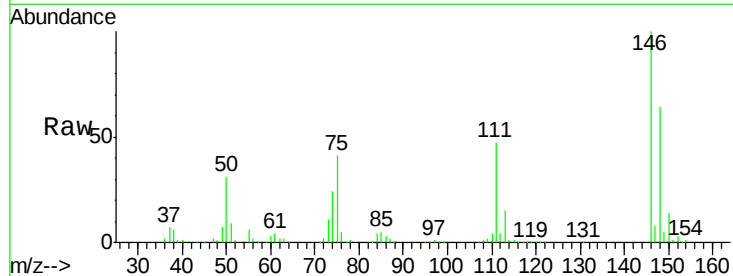
#13
 1,4-Dichlorobenzene
 Concen: 29.54 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	47.3	32.2	48.2

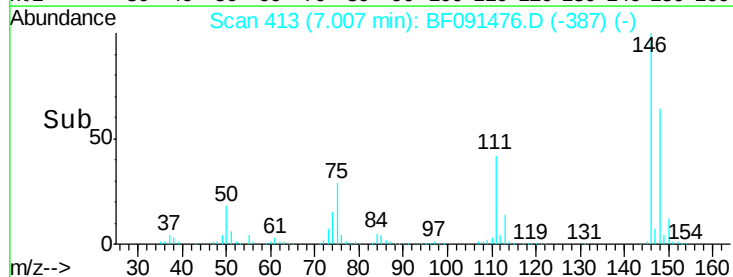
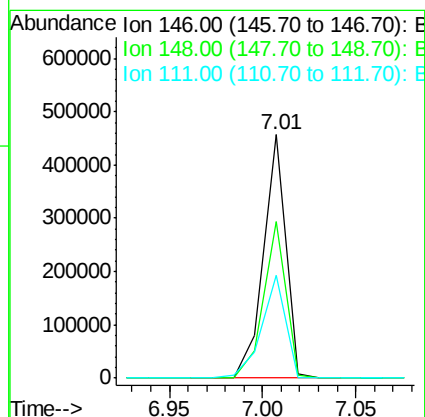
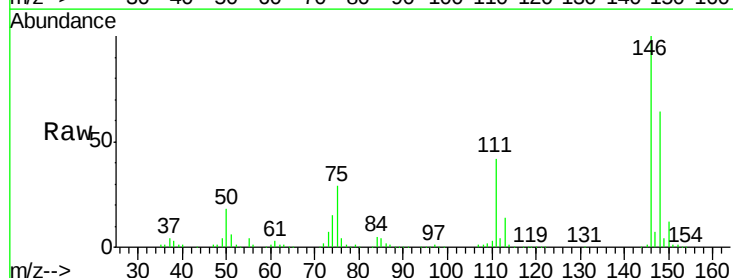
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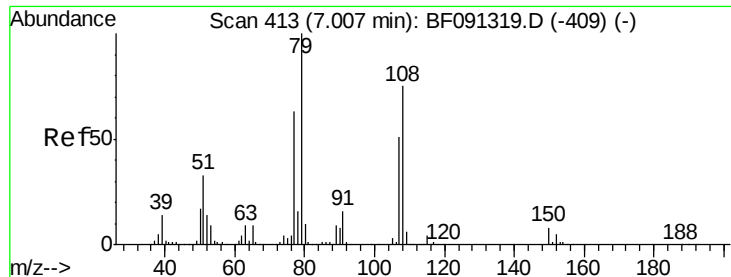
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#14
 1,2-Dichlorobenzene
 Concen: 34.73 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	42.2	38.9	58.3





#15

Benzyl Alcohol

Concen: 36.09 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

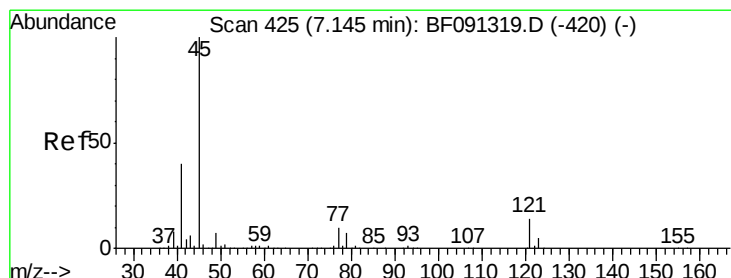
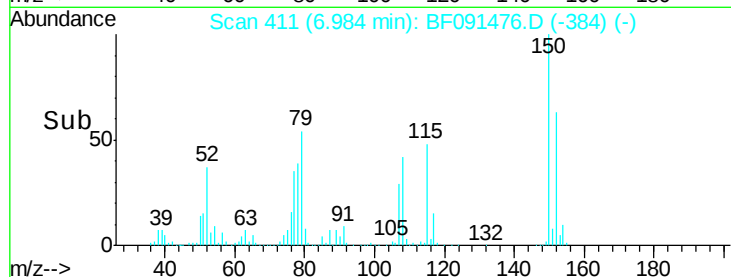
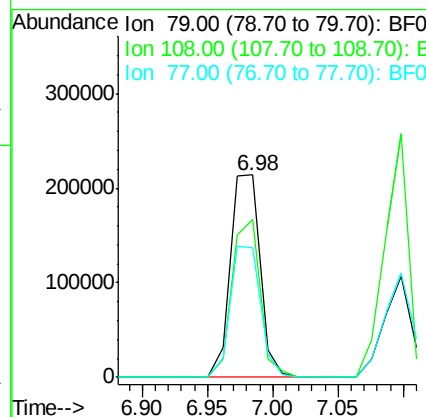
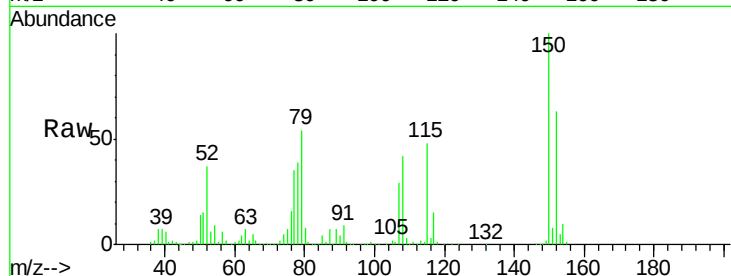
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	79	Resp:	338887
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.7	94.1
77	64.1	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.05 ng

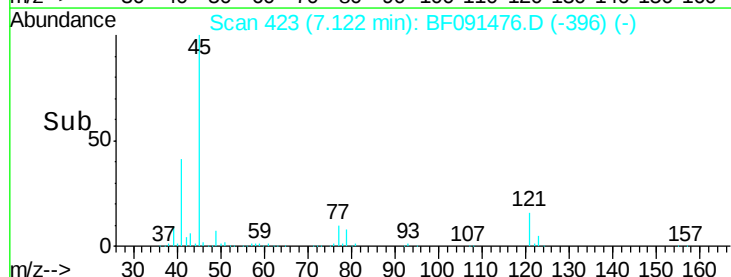
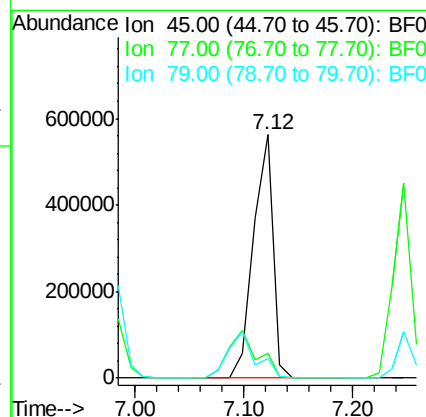
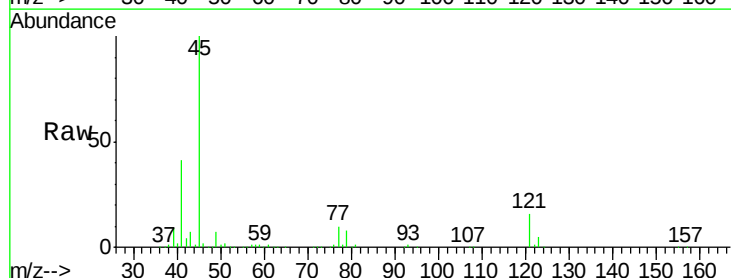
RT: 7.12 min Scan# 423

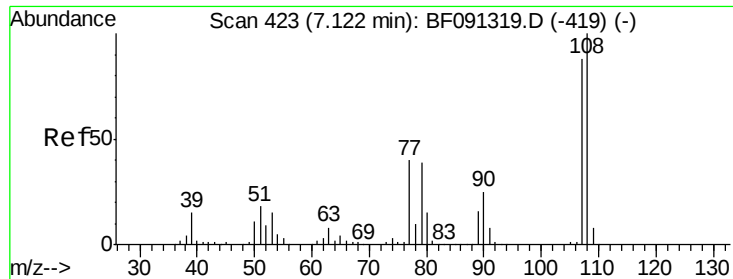
Delta R.T. 0.01 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	45	Resp:	701082
Ion Ratio	Lower	Upper	
45	100		
77	10.2	3.8	43.8
79	8.3	0.2	40.2





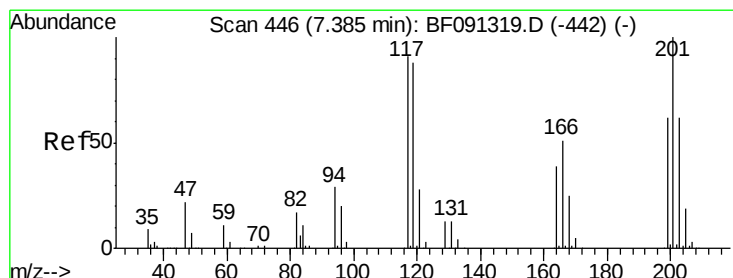
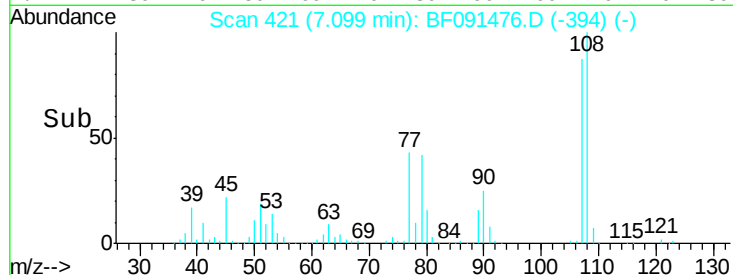
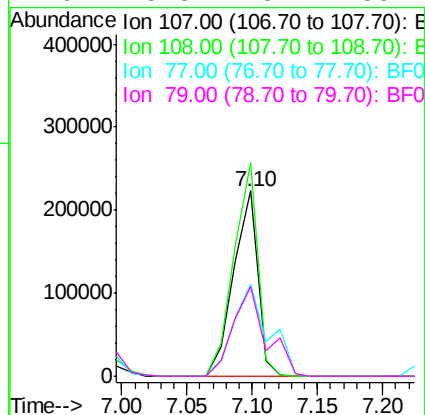
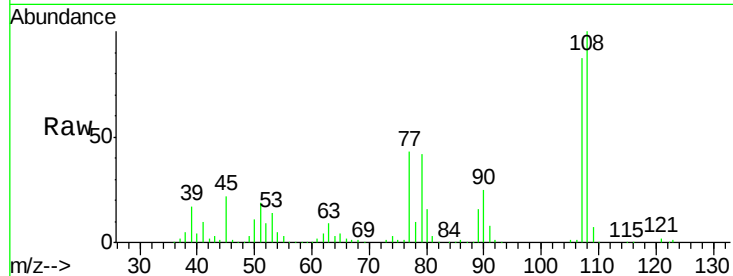
#17
2-Methylphenol
Concen: 34.57 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	67.7	101.5#	
77	49.6	40.7	61.1	
79	48.3	23.4	35.2#	

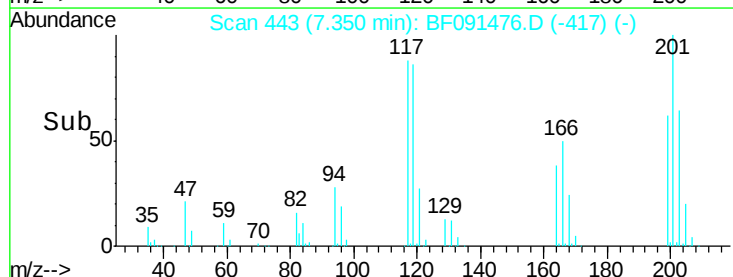
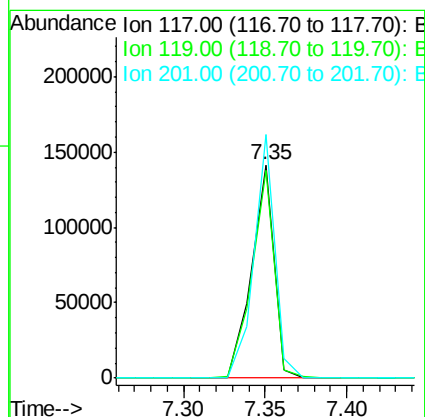
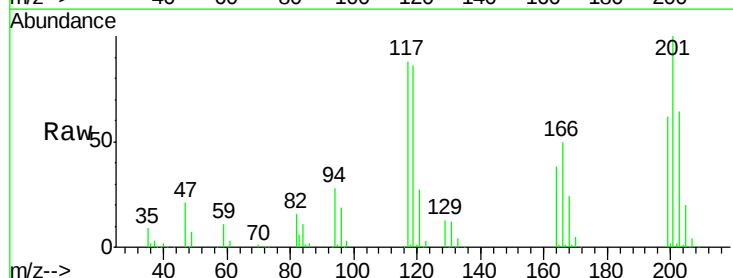
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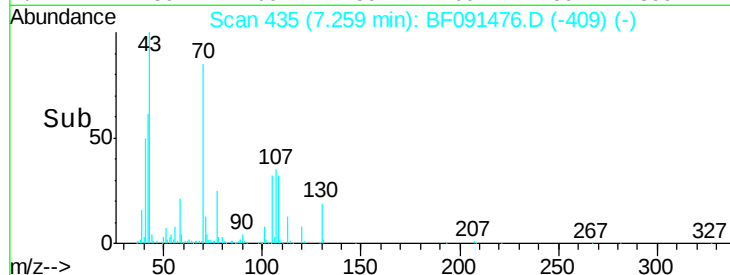
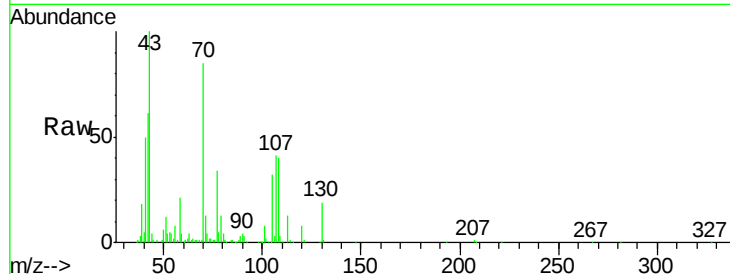
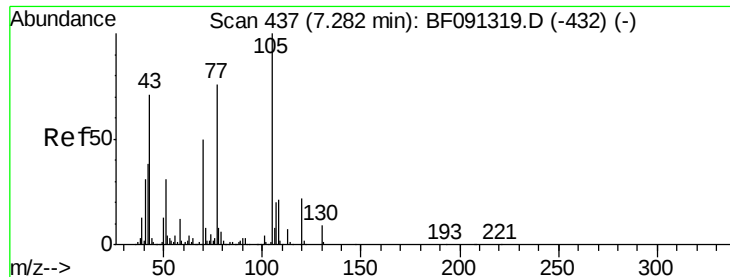
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#18
Hexachloroethane
Concen: 32.89 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	78.6	118.0	
201	114.2	86.7	130.1	





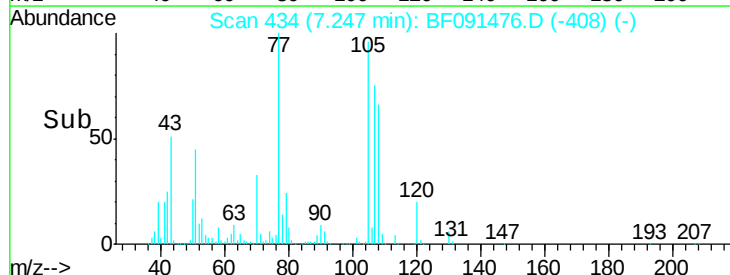
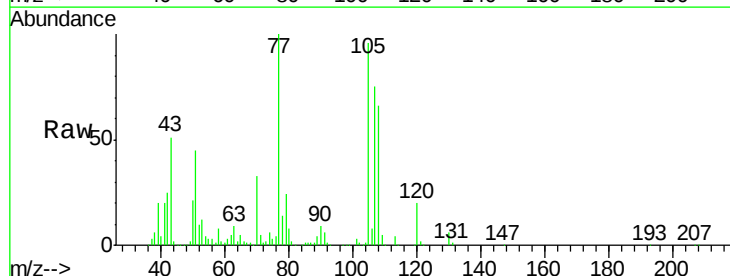
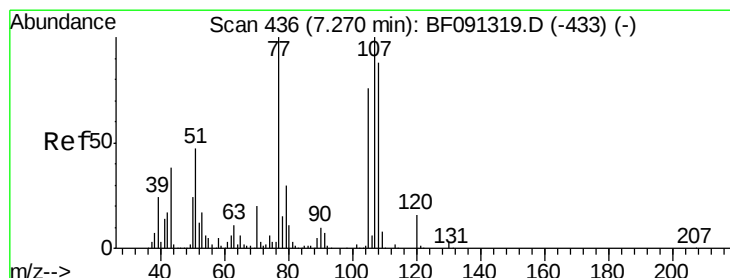
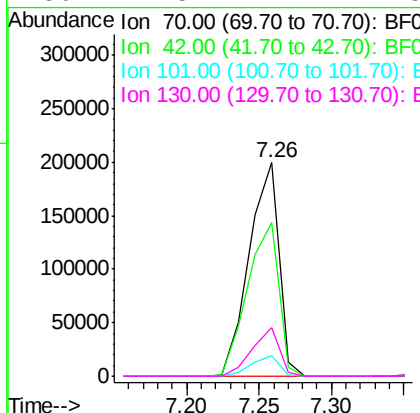
#19
n-Nitroso-di-n-propylamine
Concen: 38.49 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.0	64.8	97.2
101	9.6	6.2	9.4#
130	22.5	11.7	17.5#

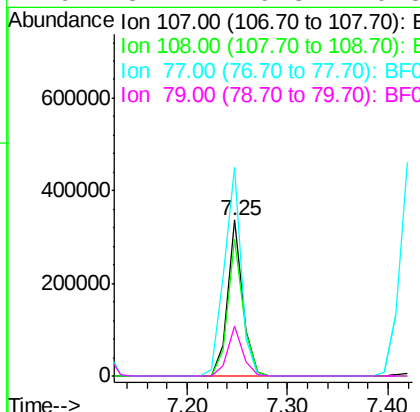
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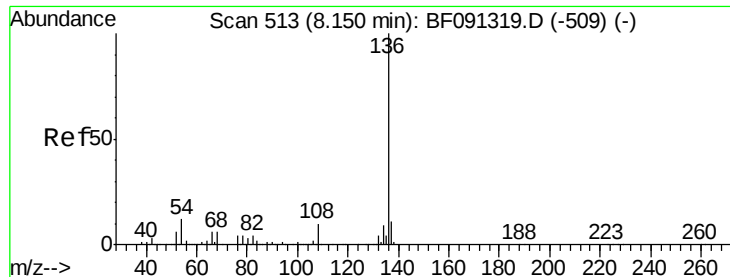
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#20
3+4-Methylphenols
Concen: 34.81 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	64.6	104.6
77	133.9	30.9	70.9#
79	32.1	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: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

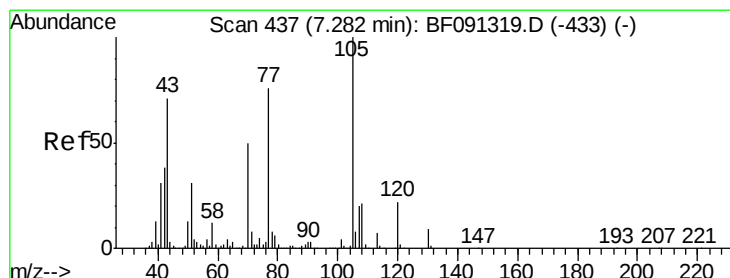
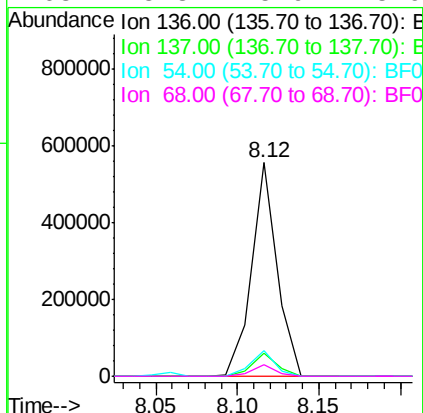
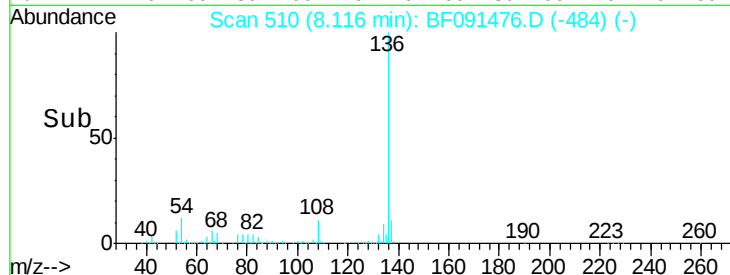
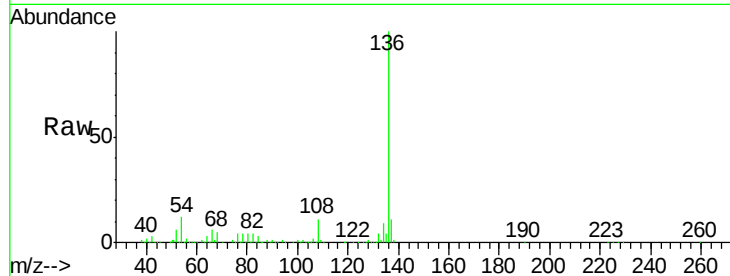
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.1	13.7
54	12.0	9.1	13.7
68	5.3	5.9	8.9#

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#22

Acetophenone

Concen: 36.10 ng

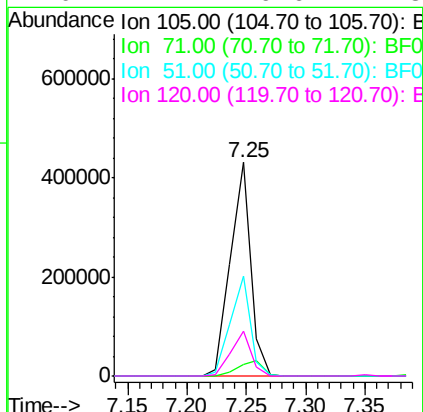
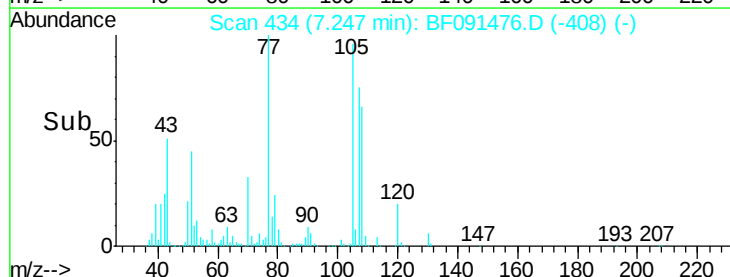
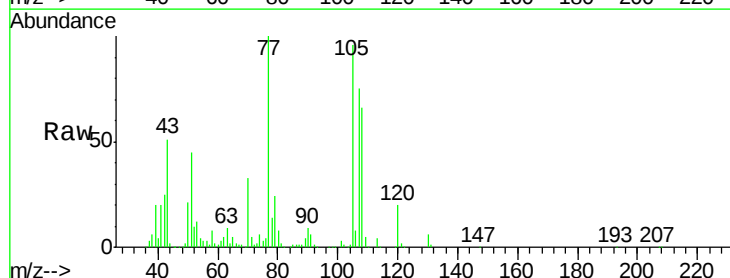
RT: 7.25 min Scan# 434

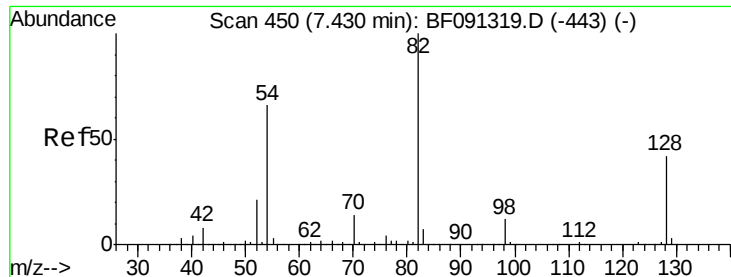
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.4	7.9	11.9#
51	46.6	24.5	36.7#
120	21.2	16.6	24.8





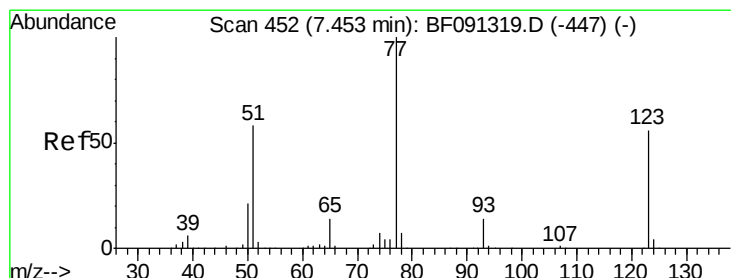
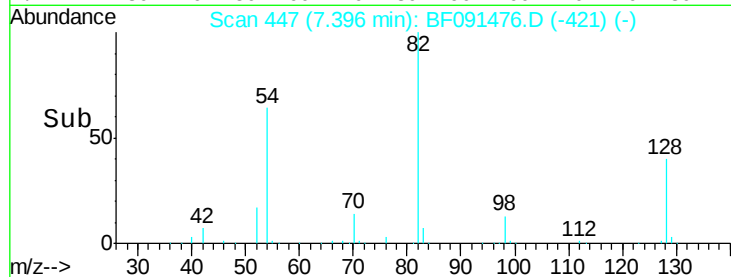
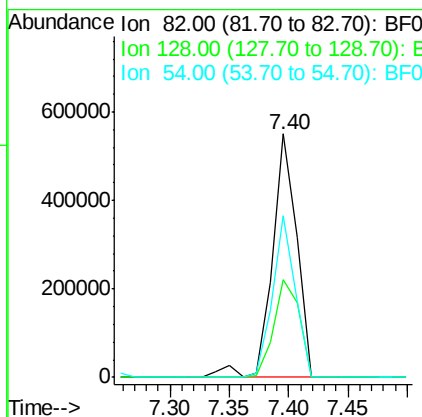
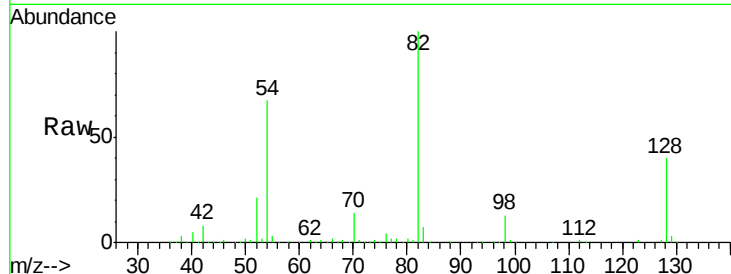
#23
 Nitrobenzene-d5
 Concen: 72.47 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.6
54	66.6	49.1	73.7

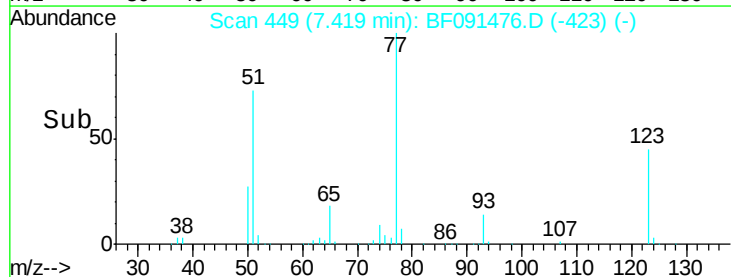
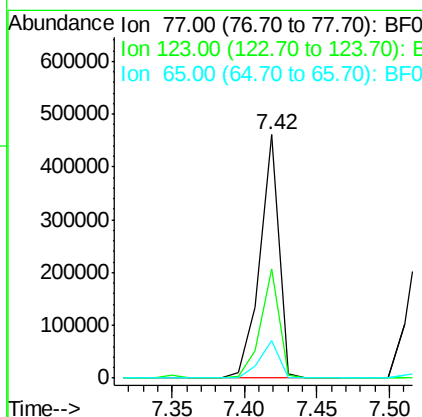
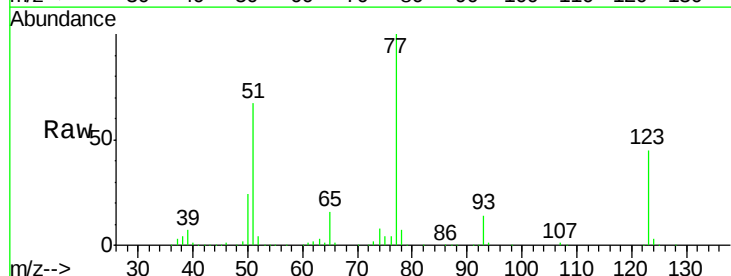
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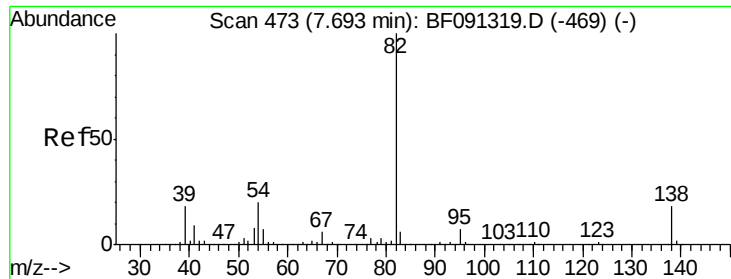
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#24
 Nitrobenzene
 Concen: 38.43 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	28.5	42.7#
65	15.7	12.5	18.7





#25

Isophorone

Concen: 38.09 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

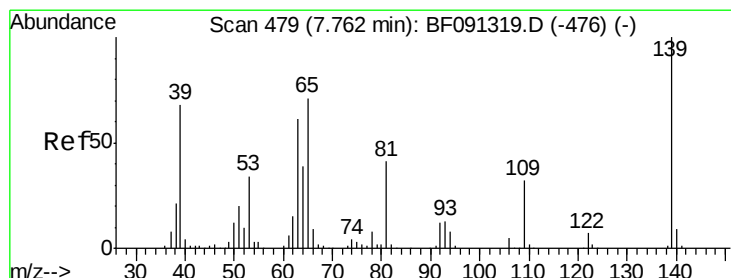
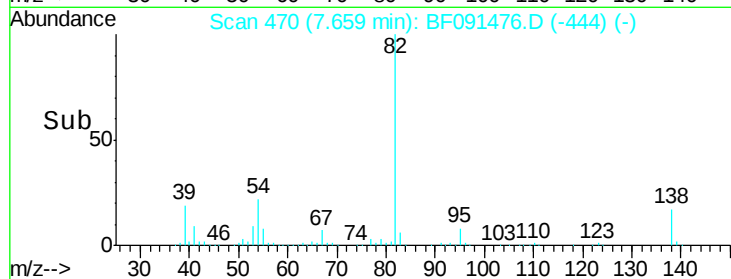
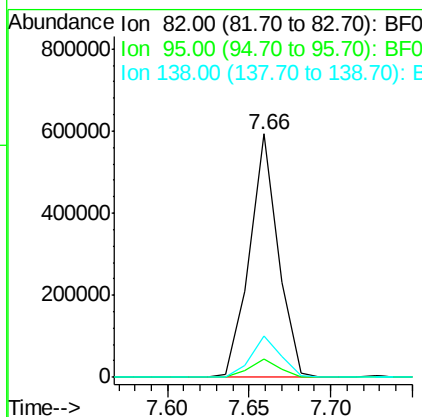
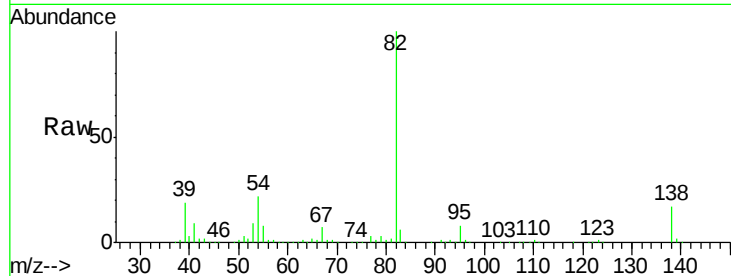
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	82	Resp:	721133
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.7	8.5
138	16.9	13.4	20.0

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#26

2-Nitrophenol

Concen: 38.61 ng

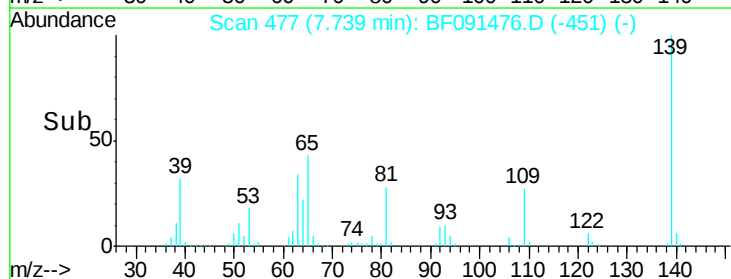
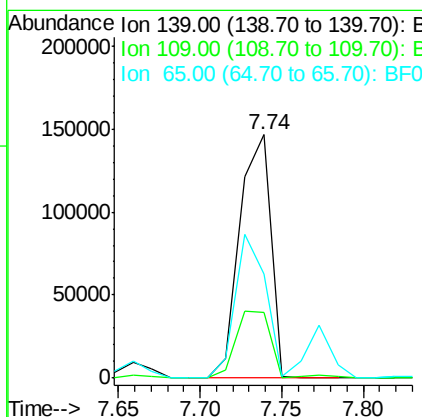
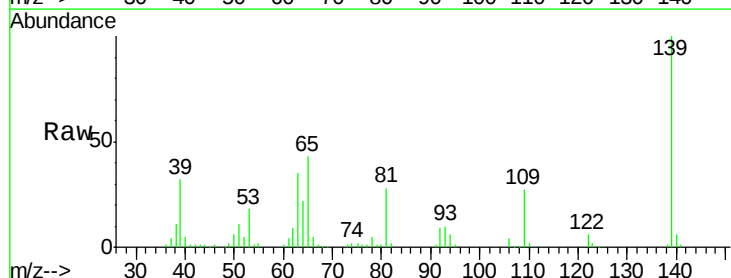
RT: 7.74 min Scan# 477

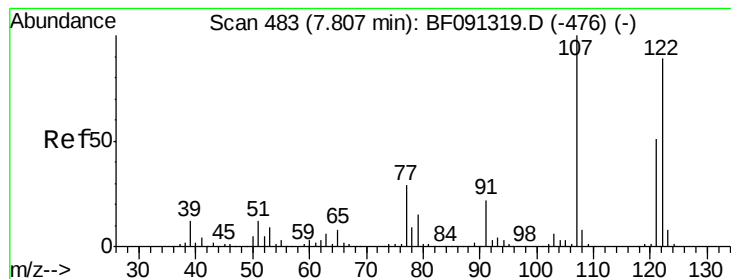
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	139	Resp:	192480
Ion Ratio		Lower	Upper
139	100		
109	26.9	25.3	37.9
65	42.5	55.4	83.2#





#27

2,4-Dimethylphenol

Concen: 34.33 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

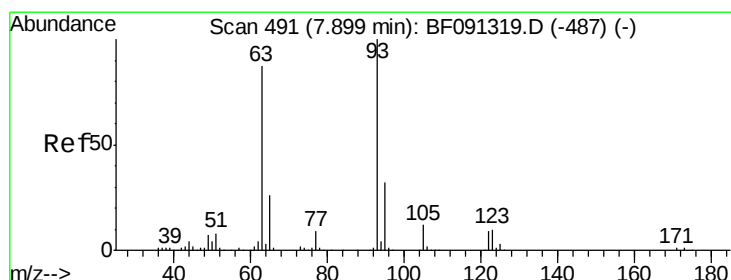
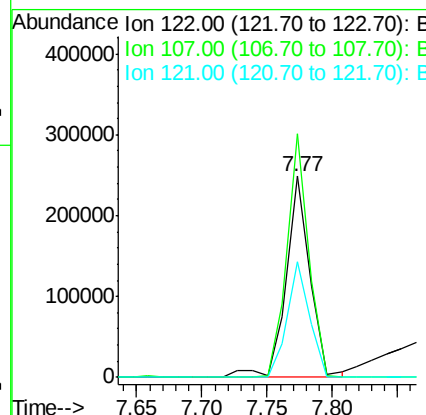
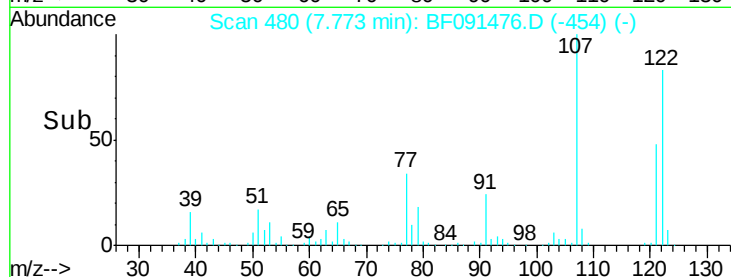
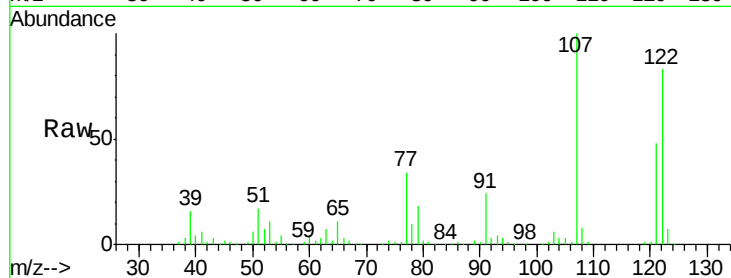
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	122	Resp:	320206
Ion Ratio	Lower	Upper	
122	100		
107	121.0	96.8	145.2
121	57.7	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.29 ng

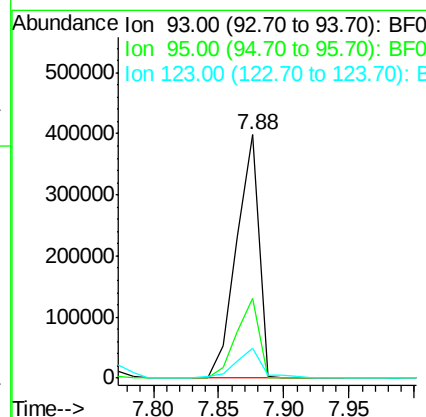
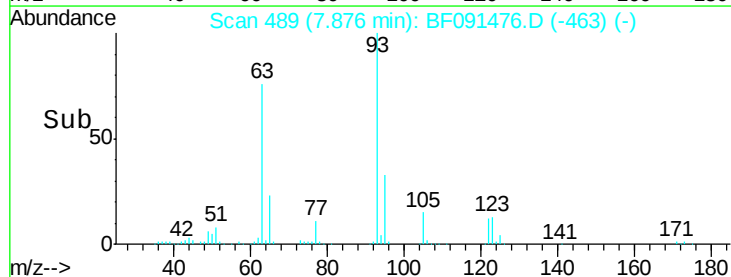
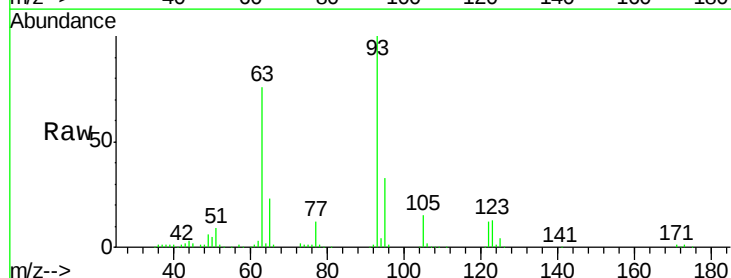
RT: 7.88 min Scan# 489

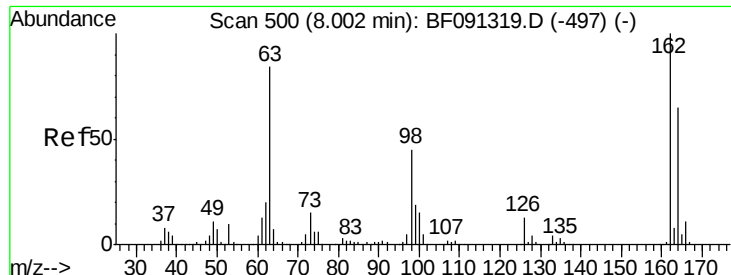
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	93	Resp:	470538
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	12.5	8.6	12.8





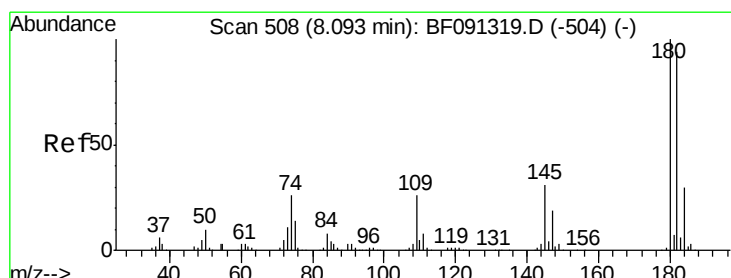
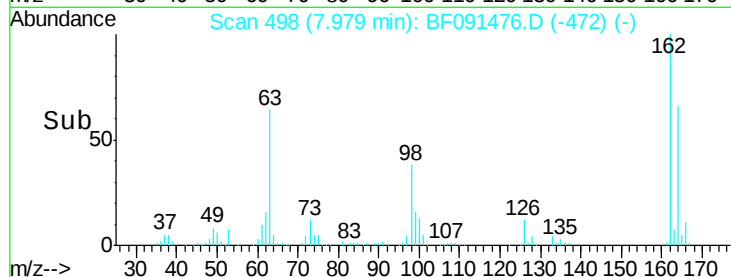
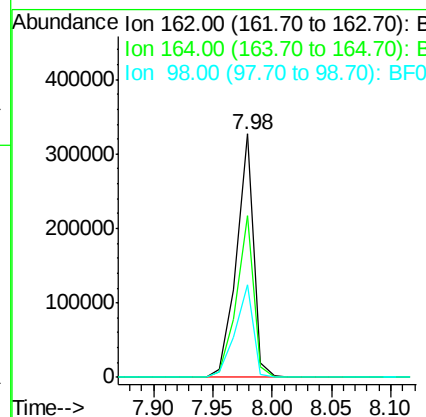
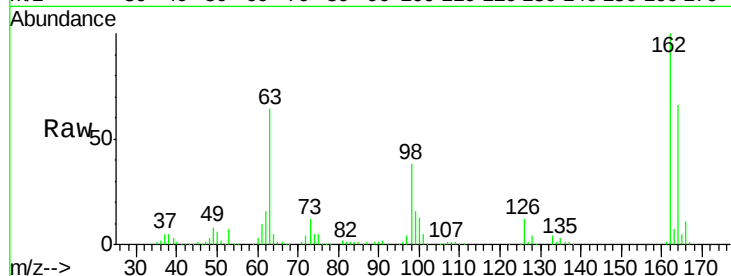
#29
 2,4-Dichlorophenol
 Concen: 40.07 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328715		
164	66.4	45.0	85.0	
98	37.8	21.3	61.3	

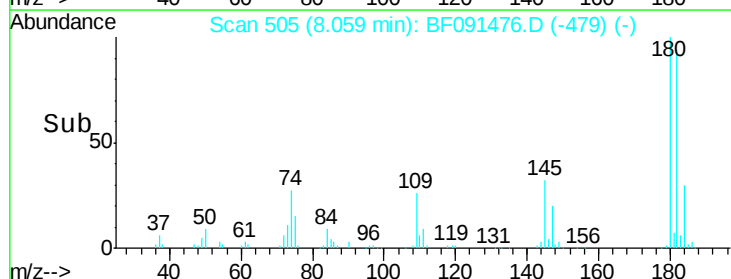
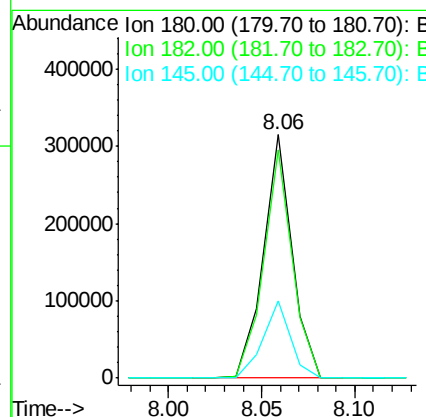
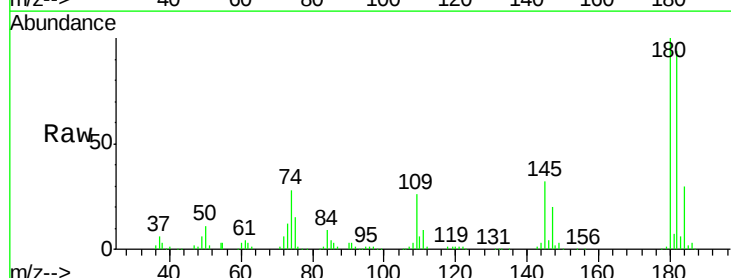
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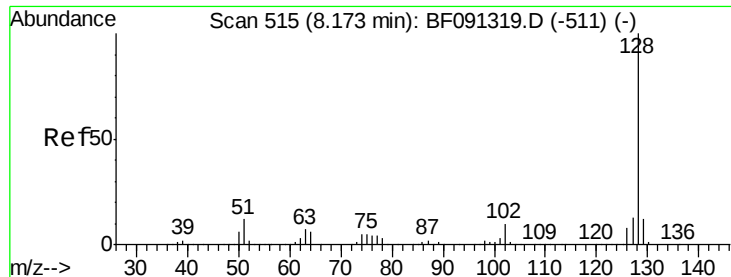
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.32 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334037		
182	93.9	75.8	113.8	
145	31.6	27.0	40.4	





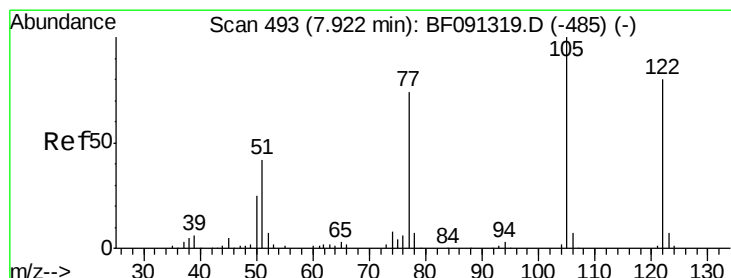
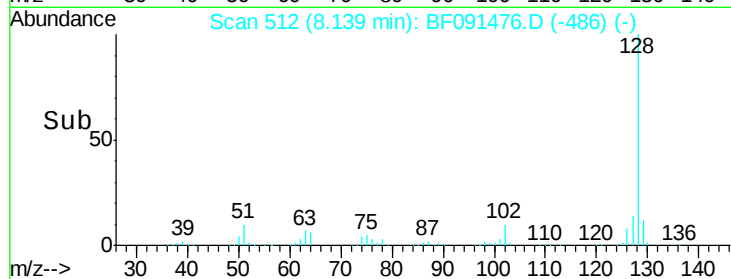
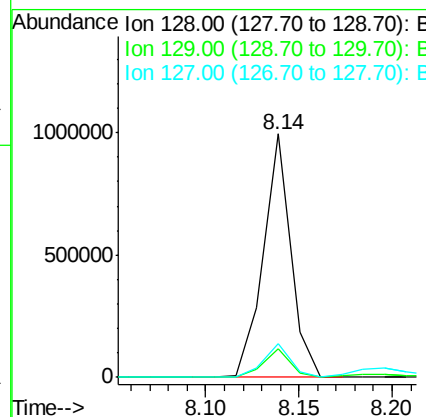
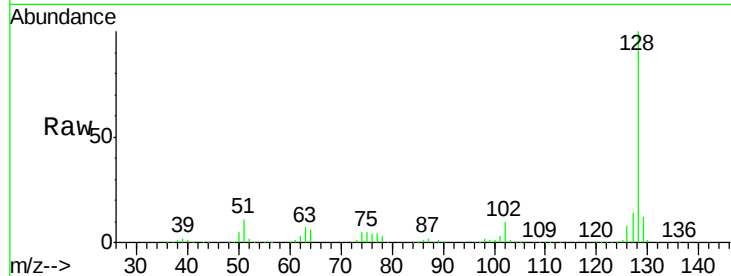
#31
Naphthalene
Concen: 35.47 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.0	16.4

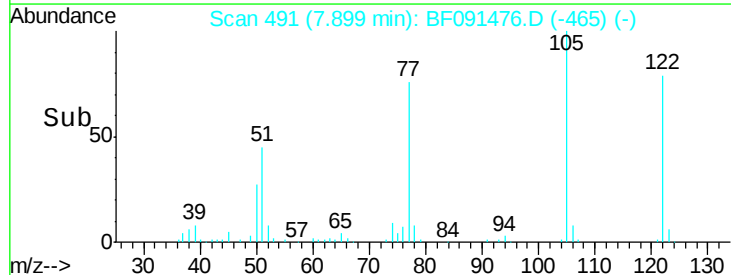
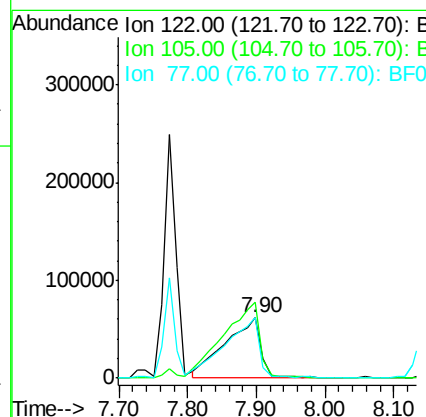
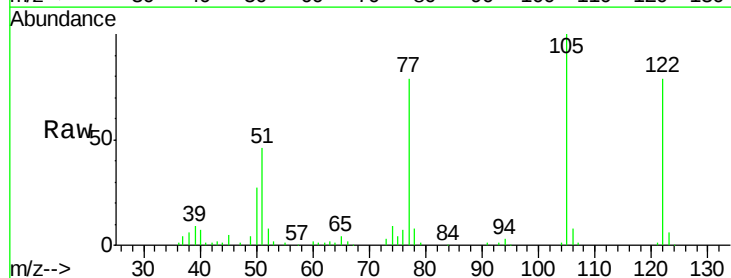
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#32
Benzoic acid
Concen: 32.76 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.1	113.0	153.0
77	101.0	82.0	122.0





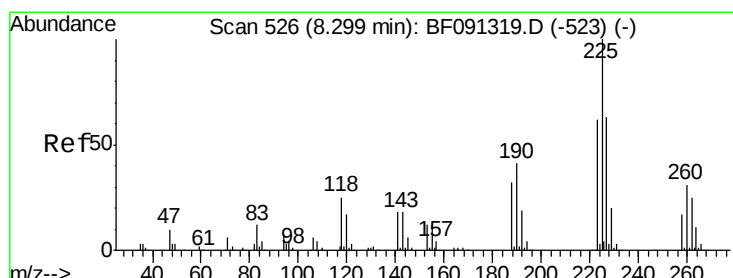
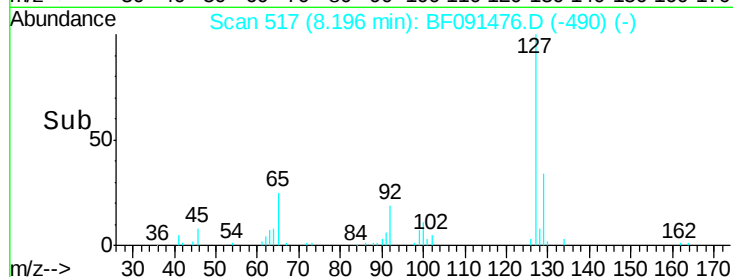
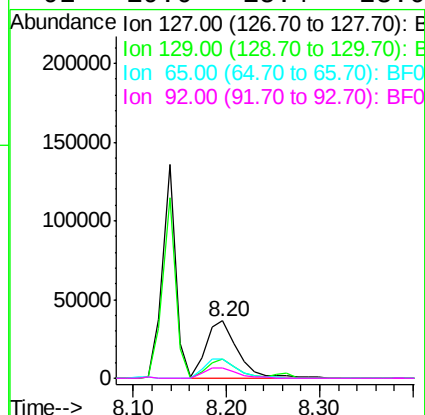
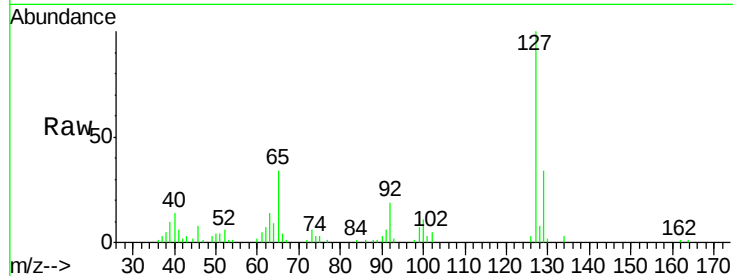
#33
4-Chloroaniline
Concen: 7.05 ng
RT: 8.20 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	26.2	39.4		
65	33.8	26.6	39.8		
92	19.0	15.4	23.0		

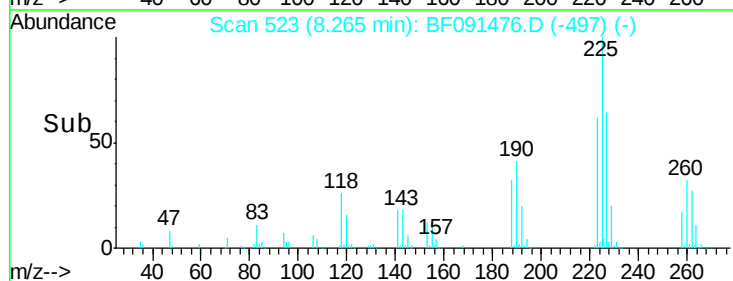
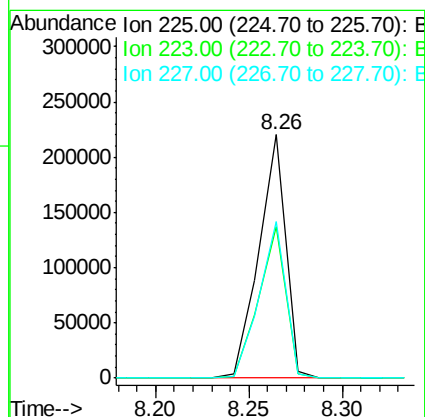
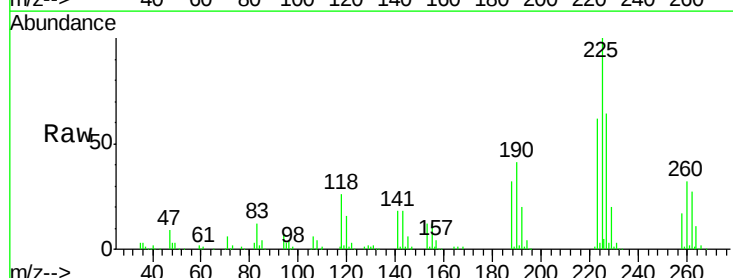
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#34
Hexachlorobutadiene
Concen: 38.55 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.8	74.6		
227	64.3	52.6	79.0		





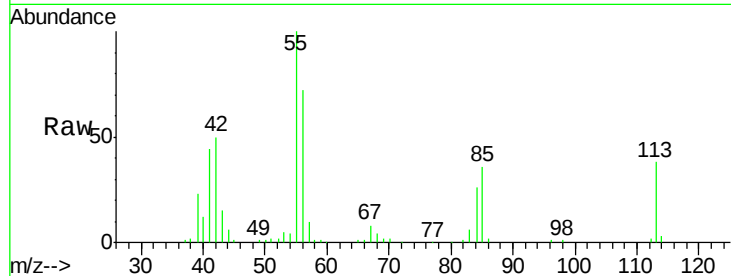
#35
 Caprolactam
 Concen: 34.04 ng/ml
 RT: 8.56 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	262.9	239.8	279.8
56	190.0	165.6	205.6

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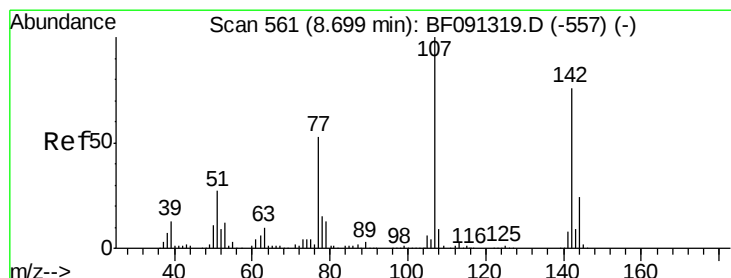
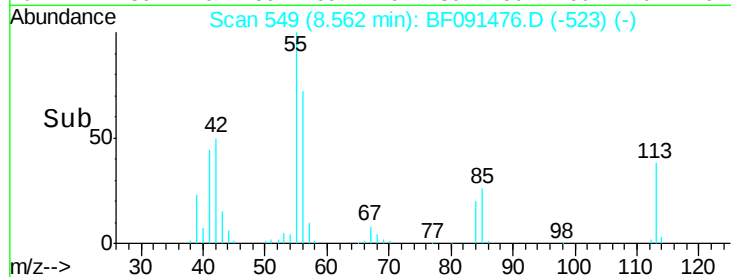
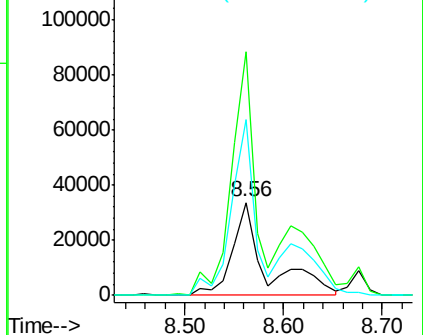
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



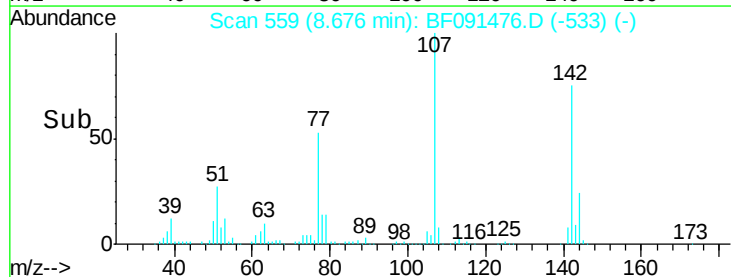
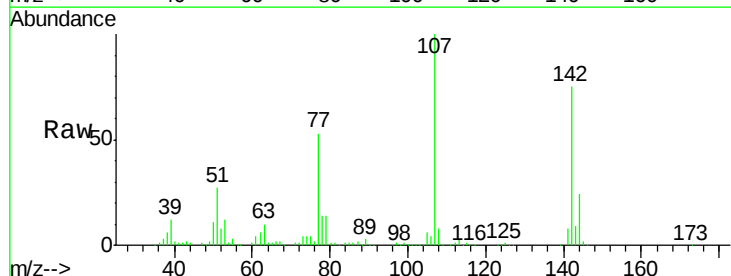
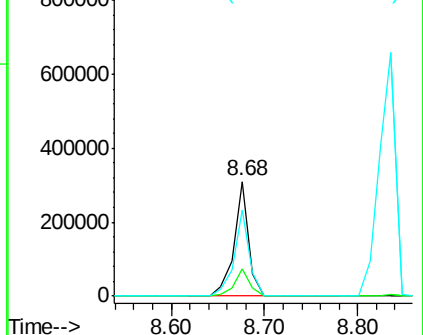
#36
 4-Chloro-3-methylphenol
 Concen: 38.37 ng/ml
 RT: 8.68 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

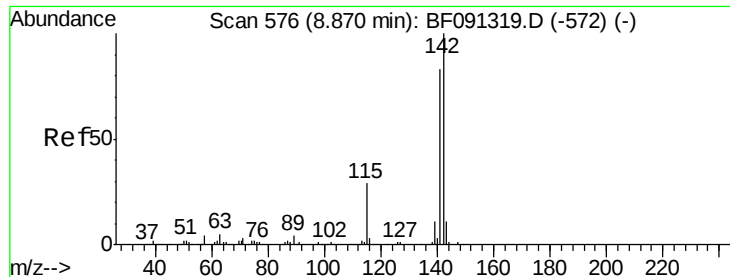
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.9	28.3
142	74.9	58.5	87.7

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





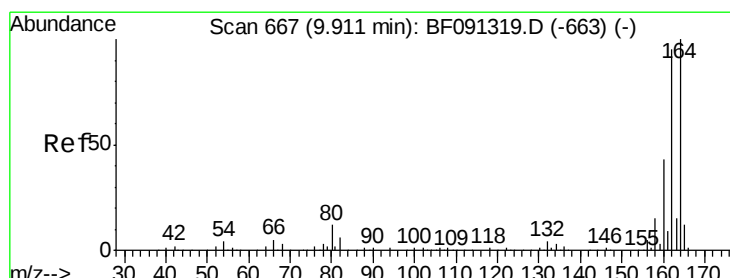
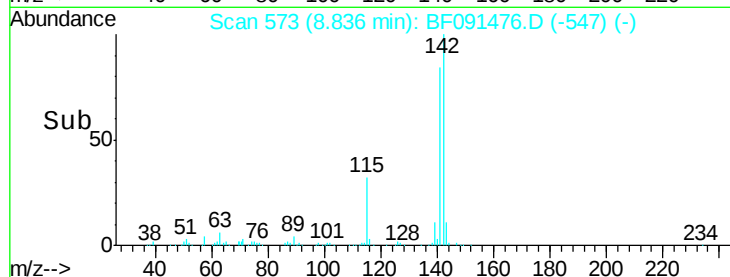
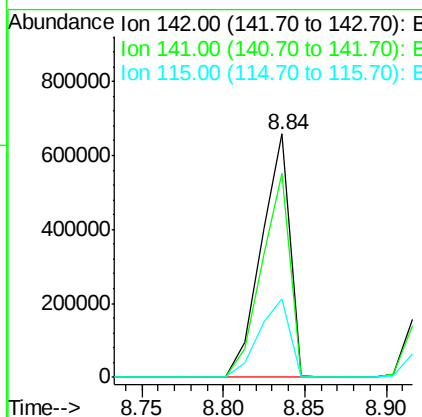
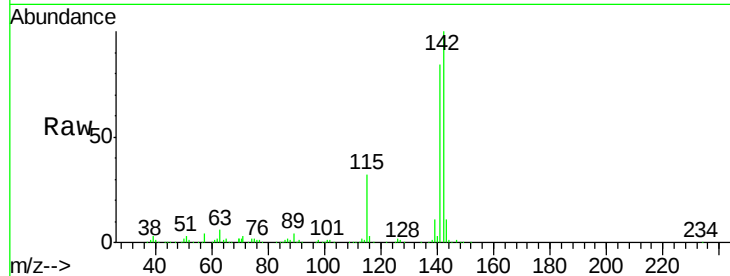
#37
2-Methylnaphthalene
Concen: 41.28 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.9	71.7	107.5
115	32.3	25.0	37.6

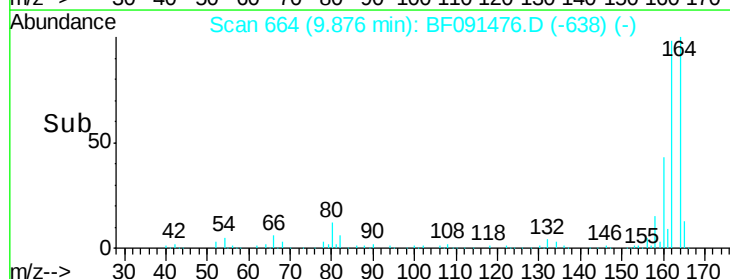
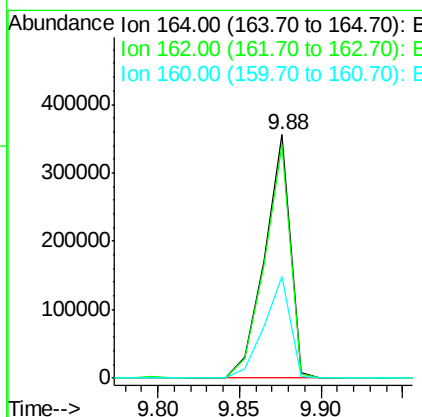
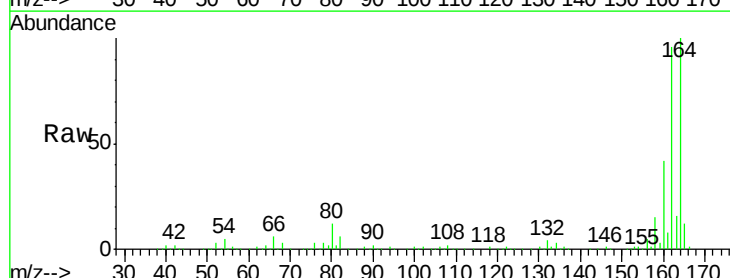
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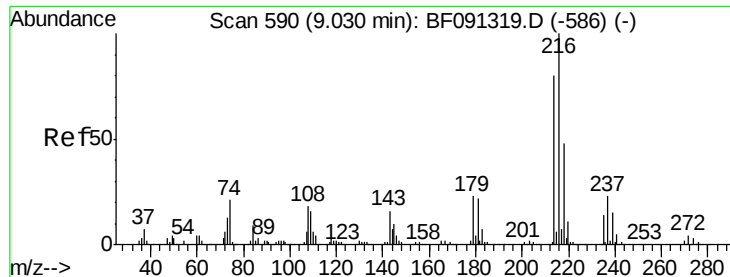
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.7	82.6	124.0
160	41.7	36.7	55.1





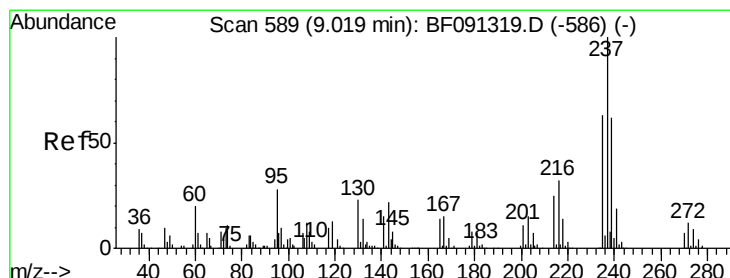
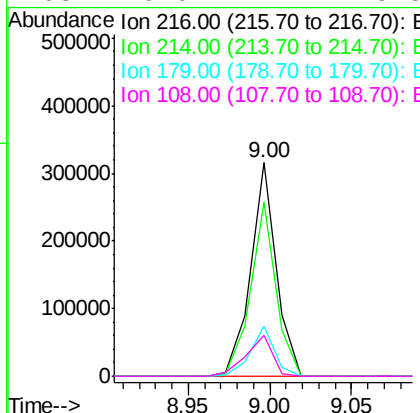
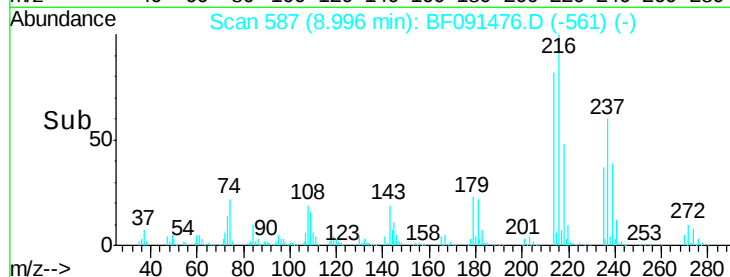
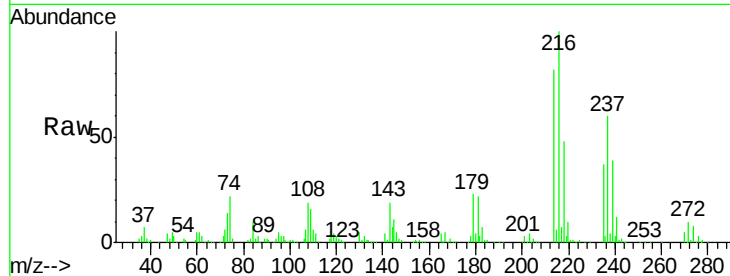
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.36 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		343333		
214	80.6	63.8	95.8		
179	21.8	18.2	27.2		
108	20.0	17.2	25.8		

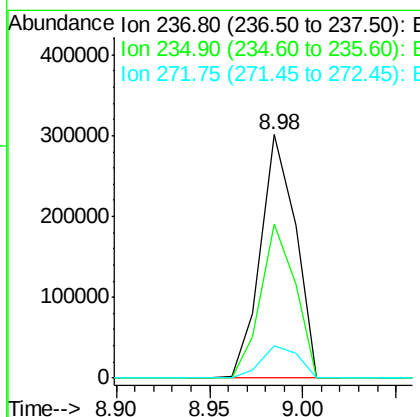
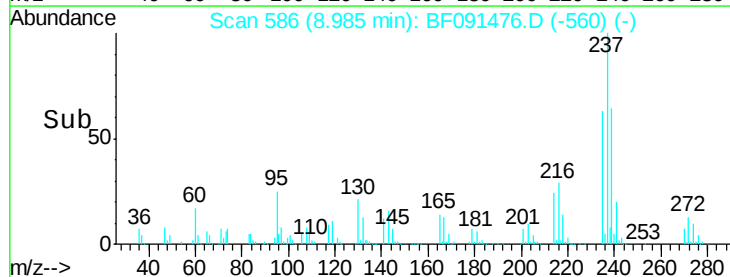
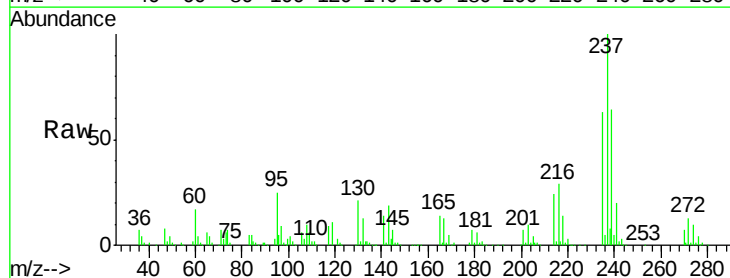
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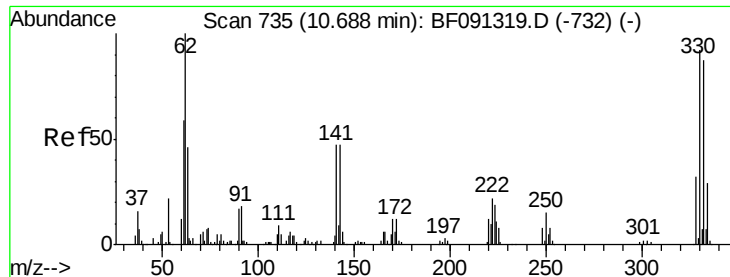
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#40
 Hexachlorocyclopentadiene
 Concen: 77.26 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		392108		
235	63.1	43.9	83.9		
272	13.1	0.0	33.1		





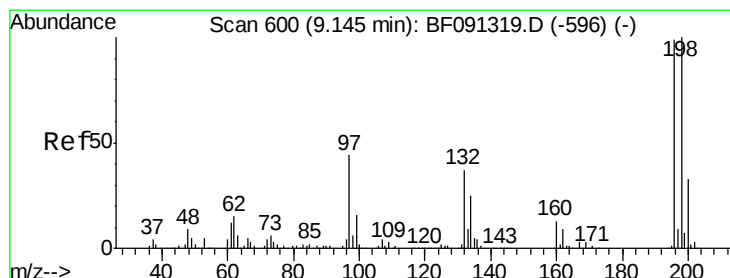
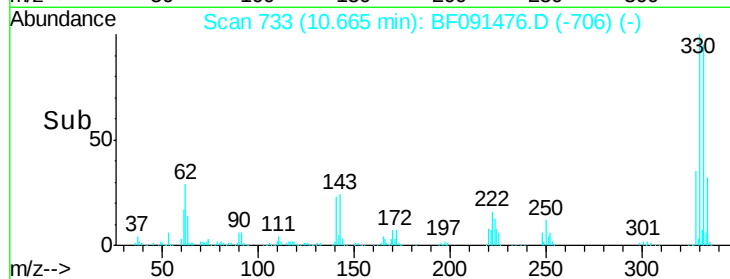
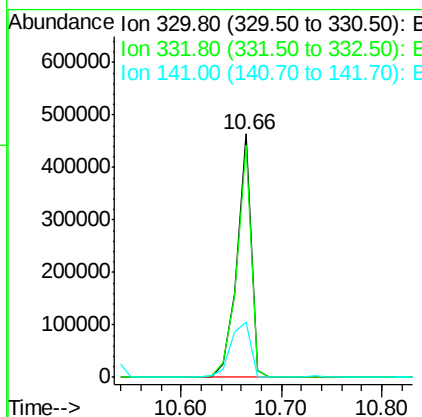
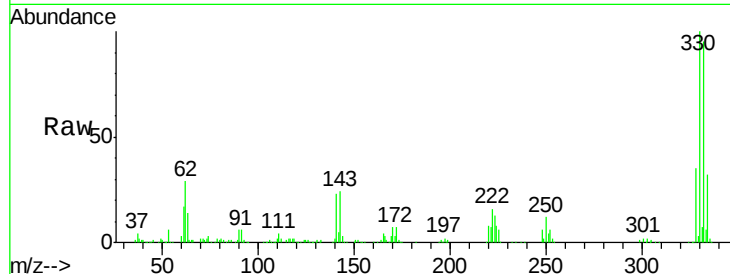
#41
 2,4,6-Tribromophenol
 Concen: 124.27 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.2	114.4	
141	31.8	33.6	50.4	

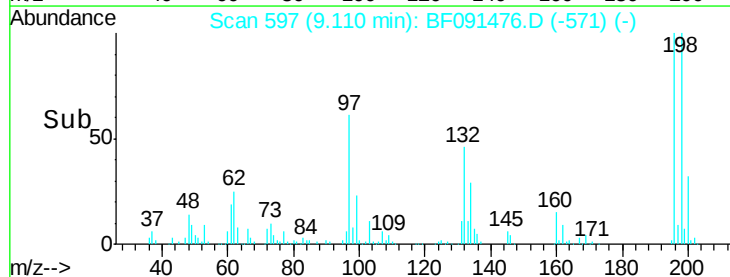
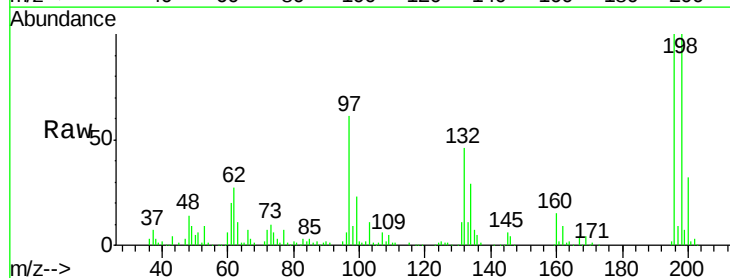
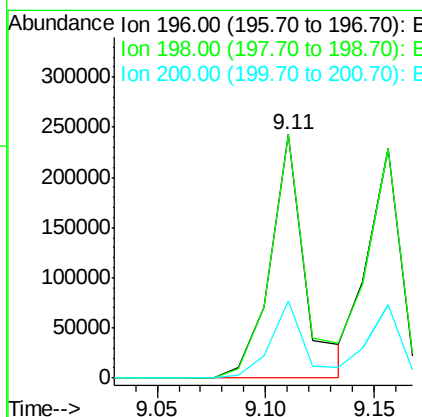
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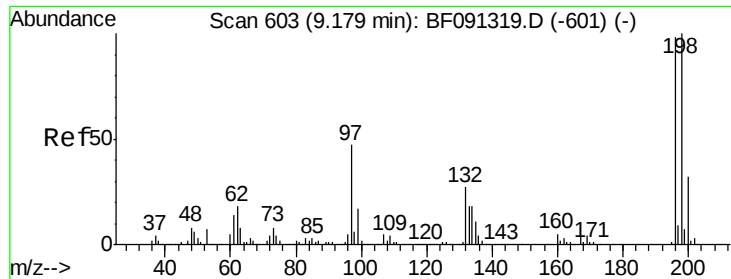
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#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.8	77.4	116.0	
200	31.7	25.2	37.8	





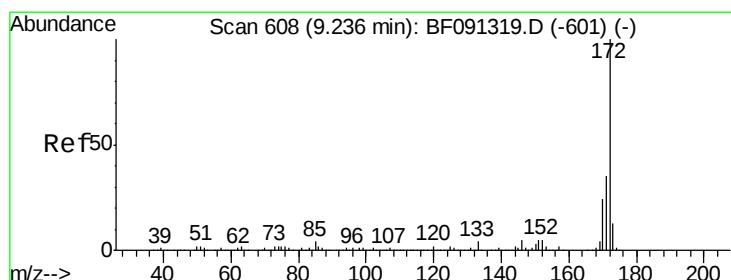
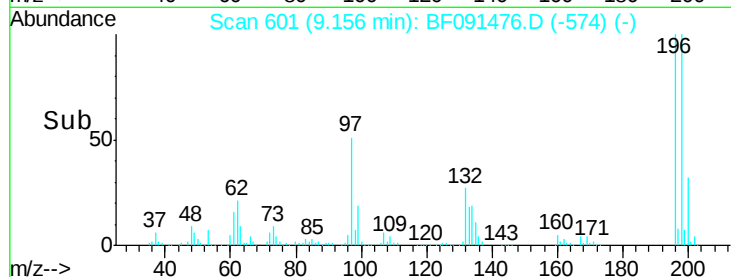
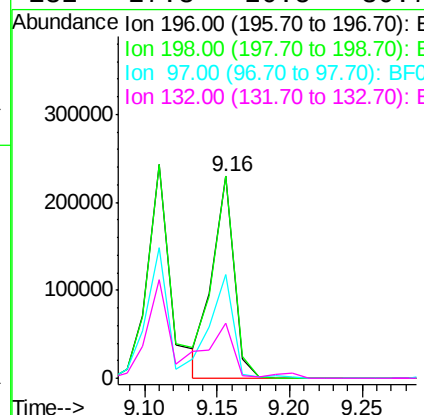
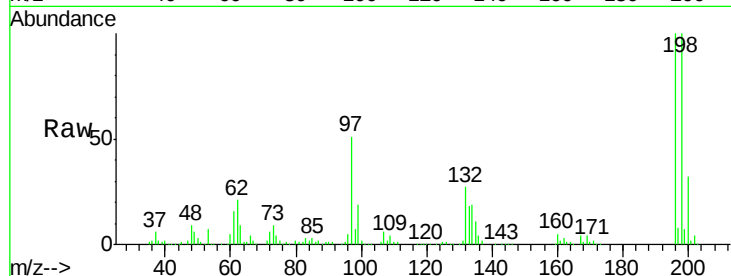
#43
2,4,5-Trichlorophenol
Concen: 33.67 ng
RT: 9.16 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.9	77.0	115.6	
97	51.2	33.5	50.3	
132	27.3	20.5	30.7	

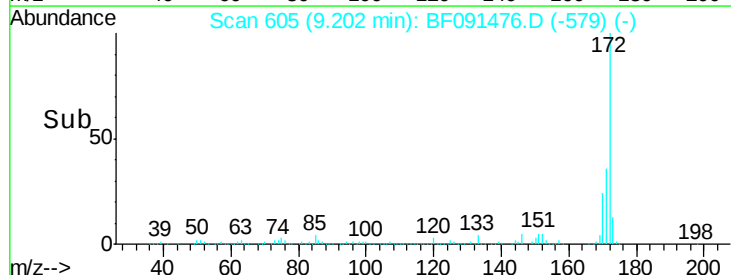
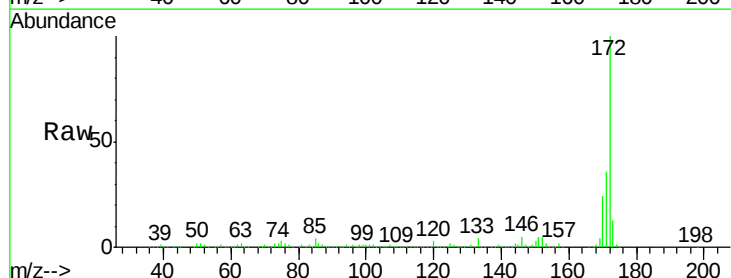
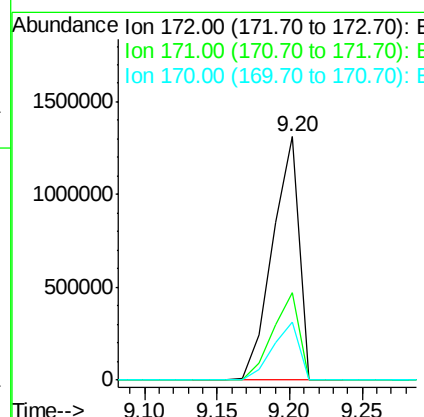
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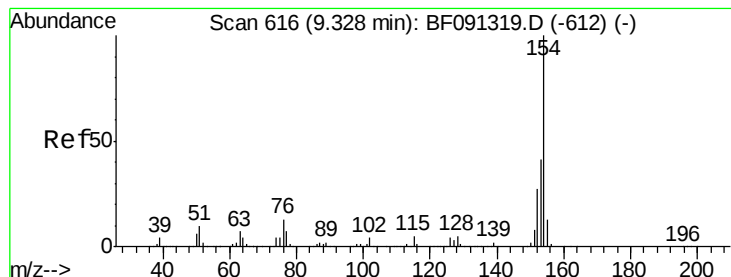
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#44
2-Fluorobiphenyl
Concen: 77.52 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.4	44.0	
170	23.7	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 31.83 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

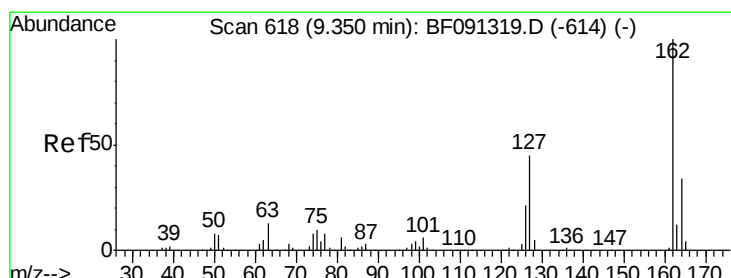
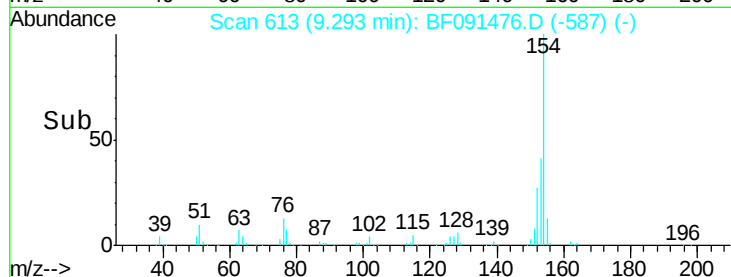
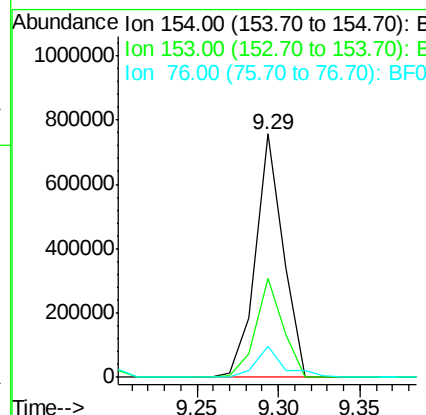
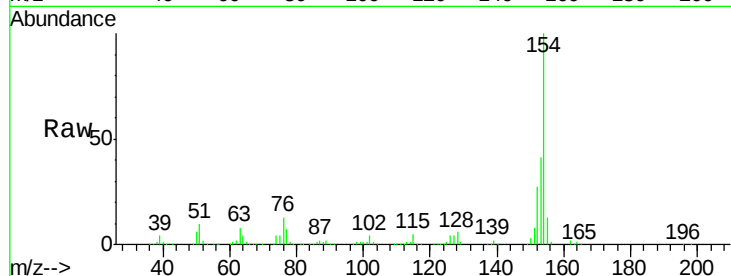
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	154	Resp:	889024
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	12.7	0.0	36.6

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#46

2-Chloronaphthalene

Concen: 32.12 ng

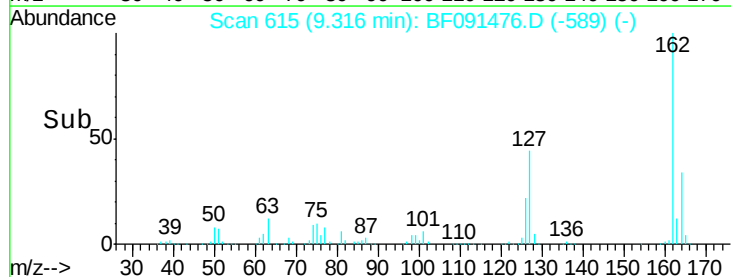
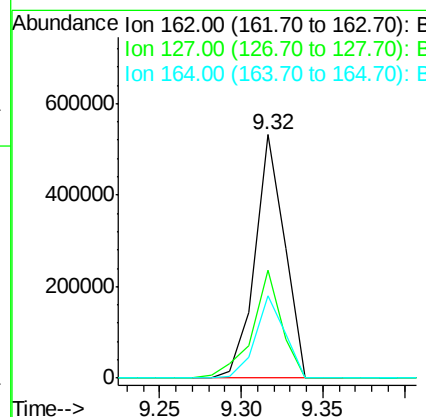
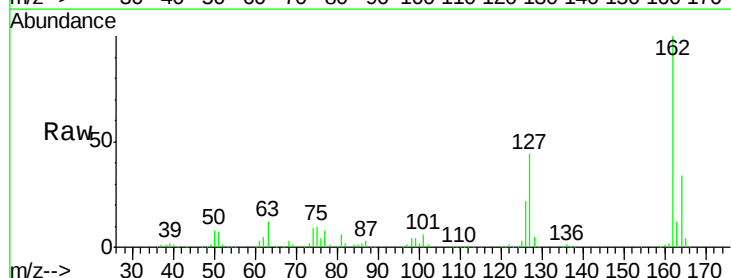
RT: 9.32 min Scan# 615

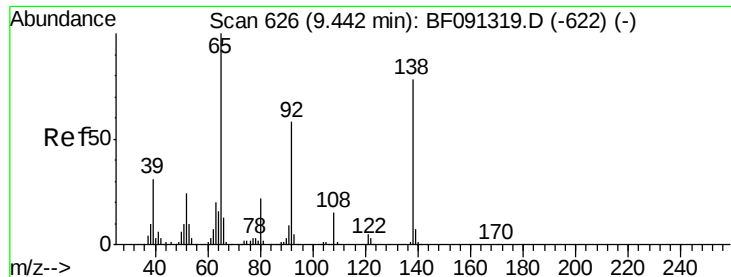
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	162	Resp:	667993
Ion Ratio	Lower	Upper	
162	100		
127	44.3	34.3	51.5
164	34.1	26.6	40.0





#47

2-Nitroaniline

Concen: 37.75 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

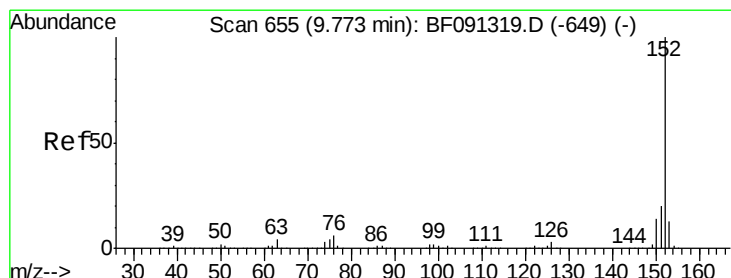
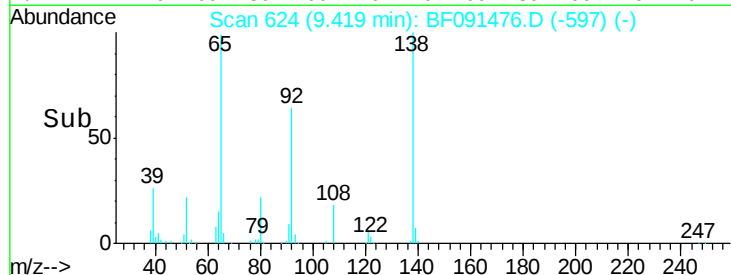
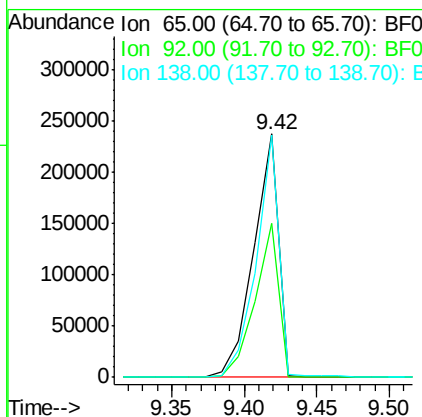
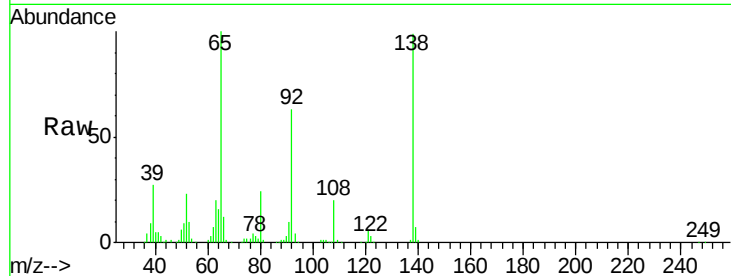
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	65	Resp:	281943
Ion Ratio	Lower	Upper	
65	100		
92	63.3	53.6	80.4
138	99.5	91.0	136.6

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#48

Acenaphthylene

Concen: 35.41 ng

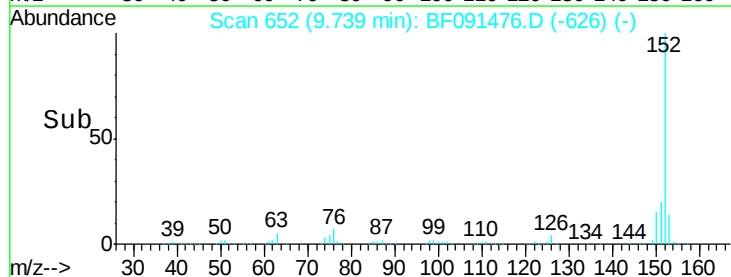
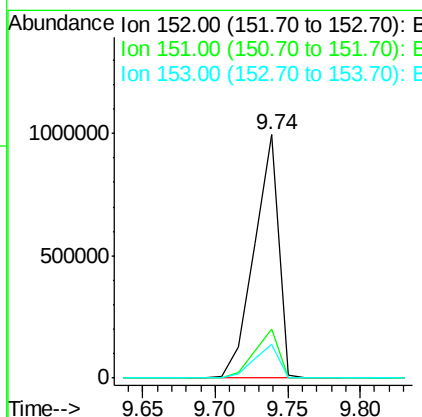
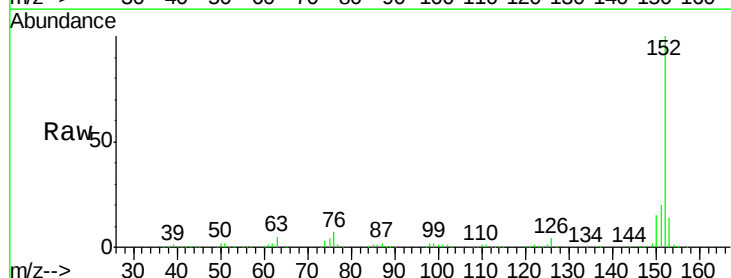
RT: 9.74 min Scan# 652

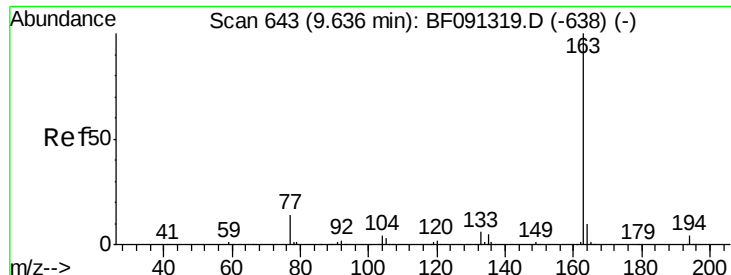
Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	152	Resp:	1159152
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.6	24.8
153	13.7	10.7	16.1





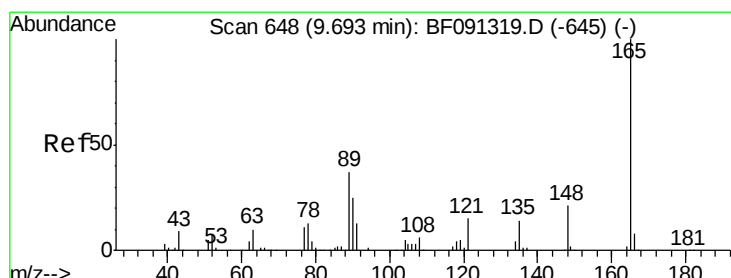
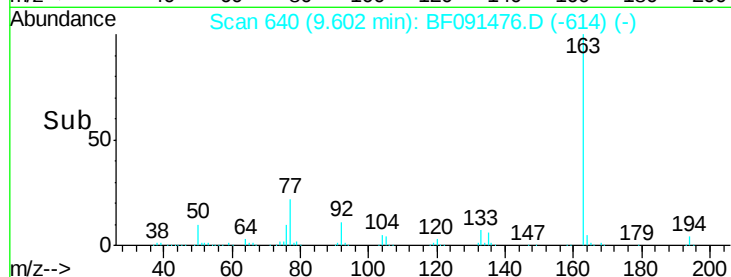
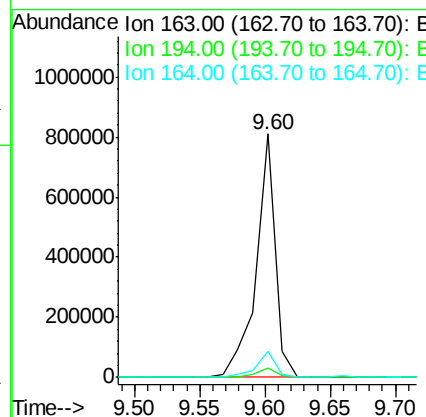
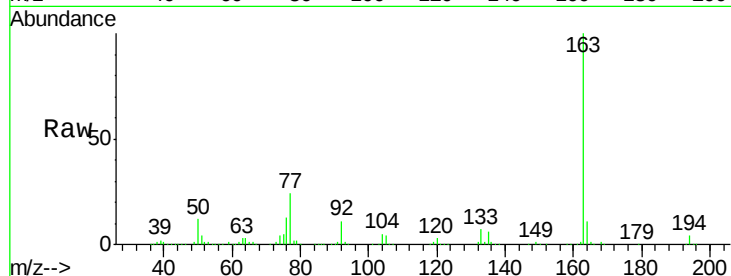
#49
Dimethylphthalate
Concen: 35.40 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	832379		
194	3.6		3.0	4.4
164	10.9		7.8	11.8

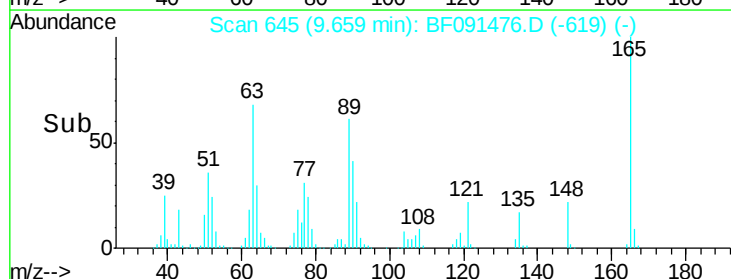
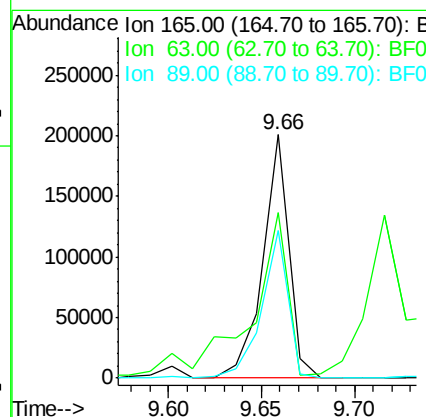
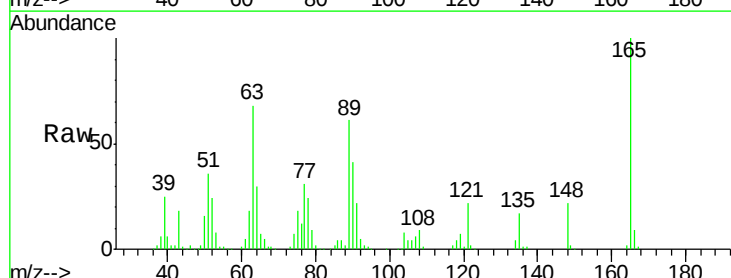
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#50
2,6-Dinitrotoluene
Concen: 36.86 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193737		
63	68.1		59.4	89.0
89	60.6		50.8	76.2





#51

Acenaphthene

Concen: 40.93 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

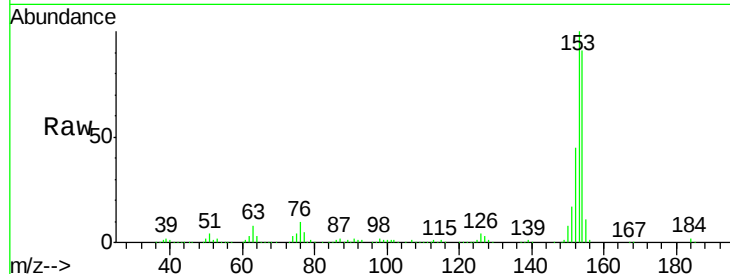
ClientSampleId :

N002-WD-A5-01-01MSD

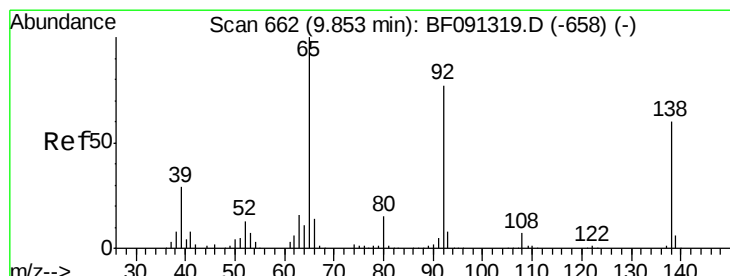
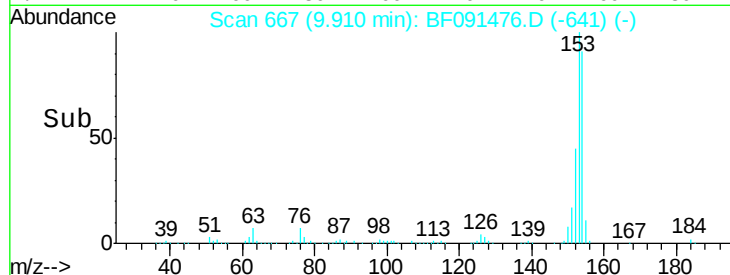
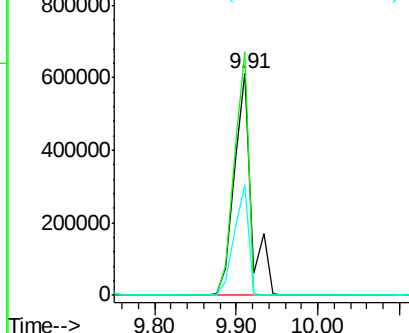
Tot Ion:	154	Resp:	903756
Ion Ratio	Lower	Upper	
154	100		
153	109.9	91.0	136.6
152	49.8	44.2	66.2

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



#52

3-Nitroaniline

Concen: 12.33 ng

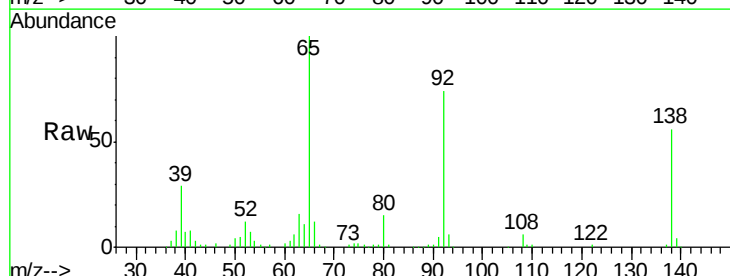
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

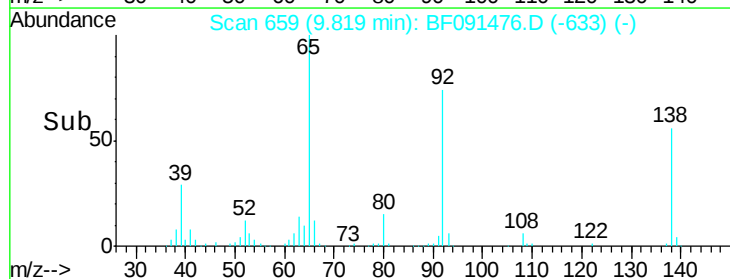
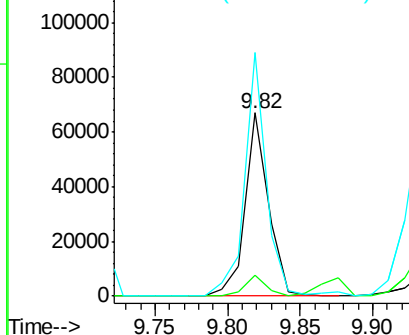
Lab File: BF091476.D

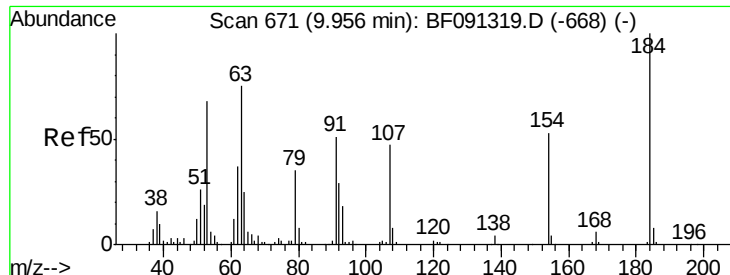
Acq: 7 Dec 2016 18:23

Tgt Ion:	138	Resp:	75034
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.1	12.1
92	133.0	92.5	138.7



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





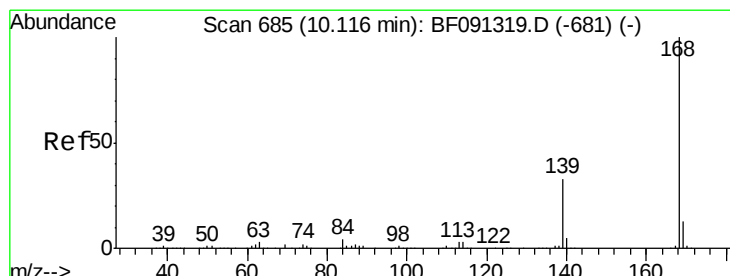
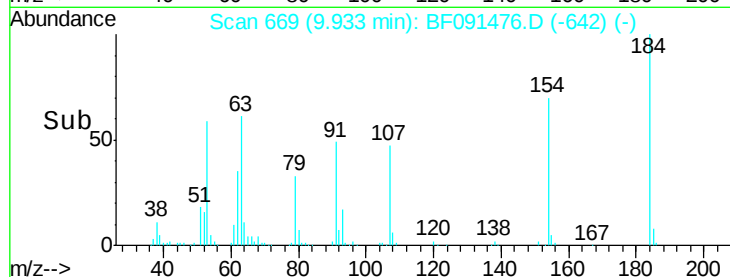
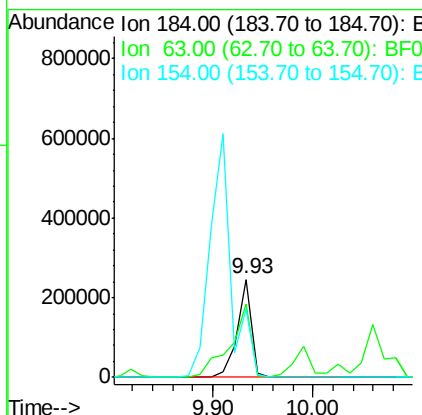
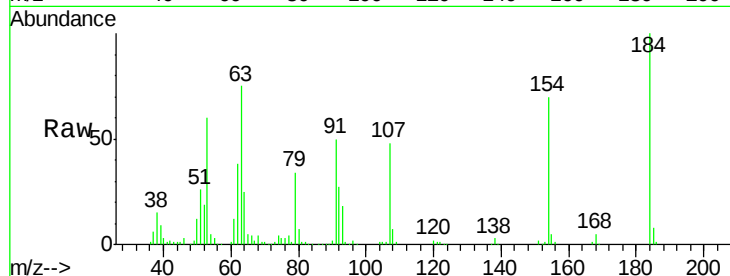
#53
2,4-Dinitrophenol
Concen: 105.95 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	243531		
63	75.1	58.3	87.5	
154	69.6	48.6	73.0	

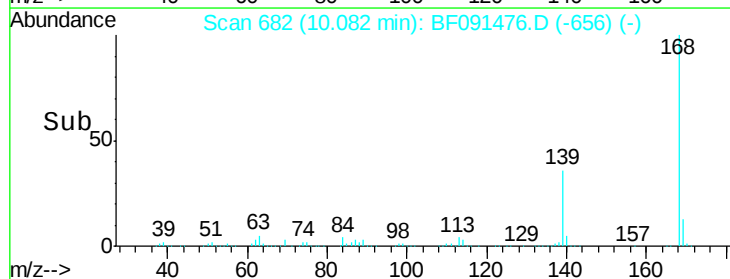
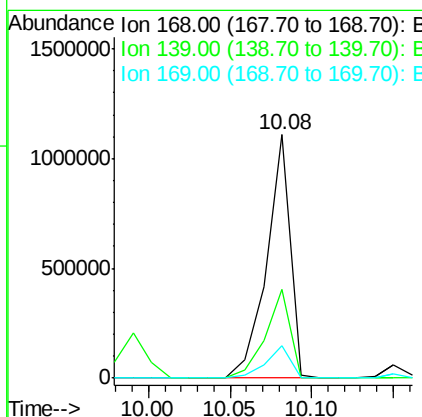
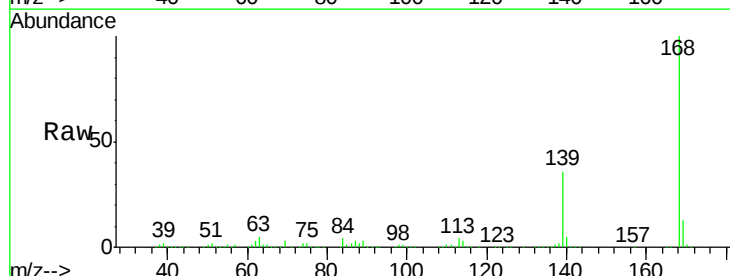
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#54
Dibenzofuran
Concen: 37.78 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1117164		
139	36.4	33.4	50.2	
169	13.3	11.1	16.7	





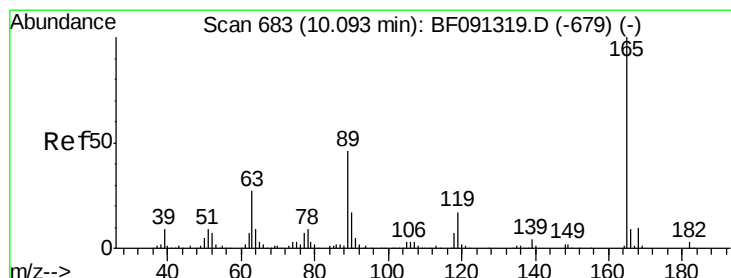
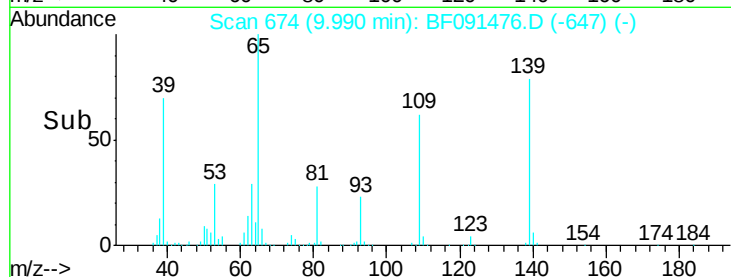
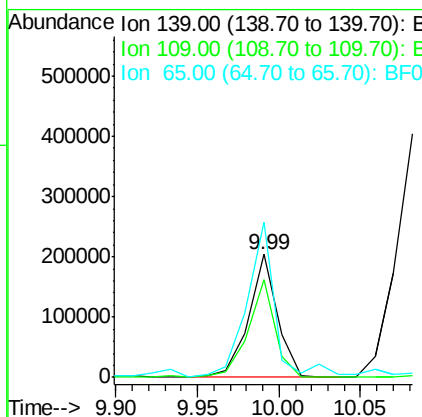
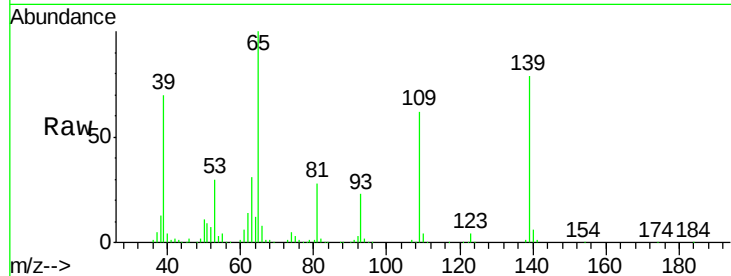
#55
4-Nitrophenol
Concen: 56.85 ng
RT: 9.99 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.1	54.9	94.9	
65	126.8	102.2	142.2	

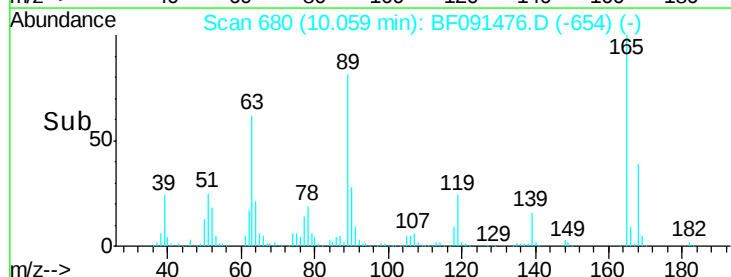
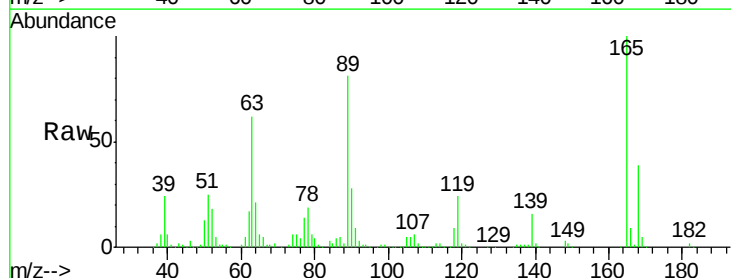
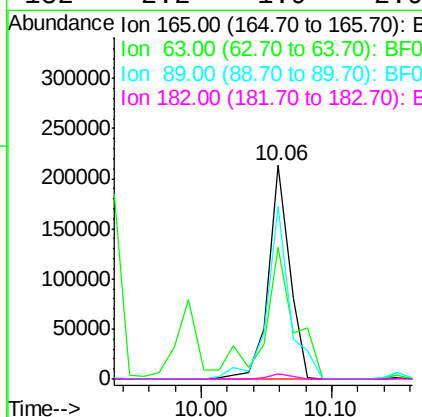
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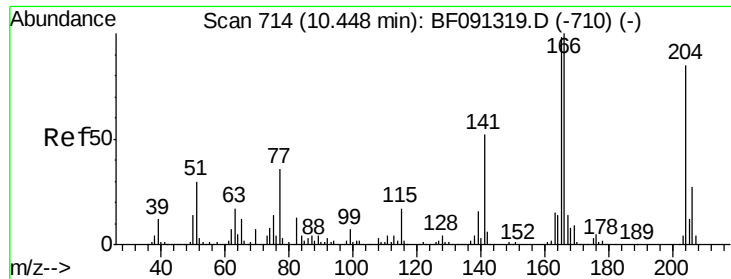
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#56
2,4-Dinitrotoluene
Concen: 35.75 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.8	29.0	43.4#	
89	80.9	43.1	64.7#	
182	2.2	1.9	2.9	





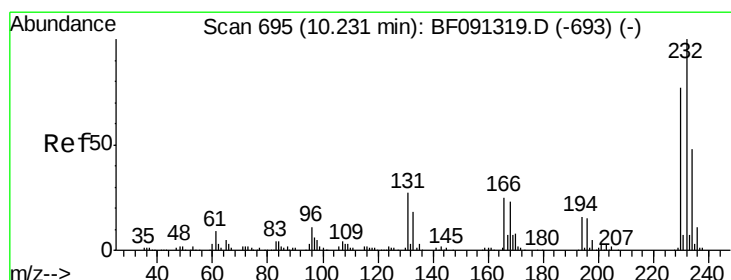
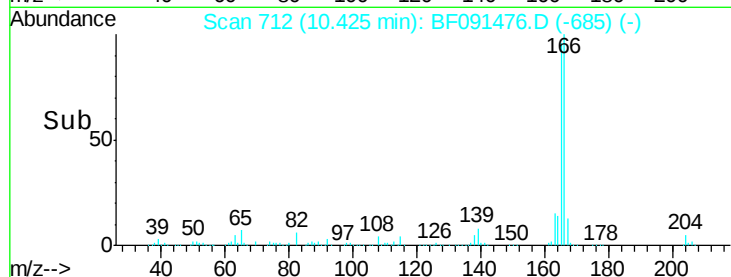
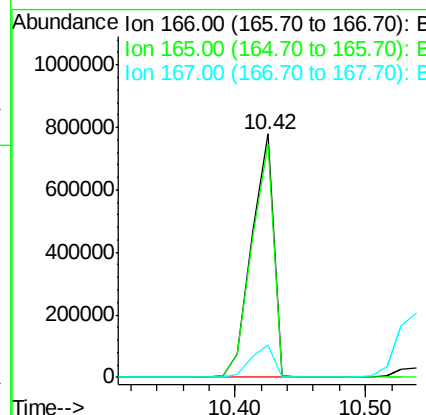
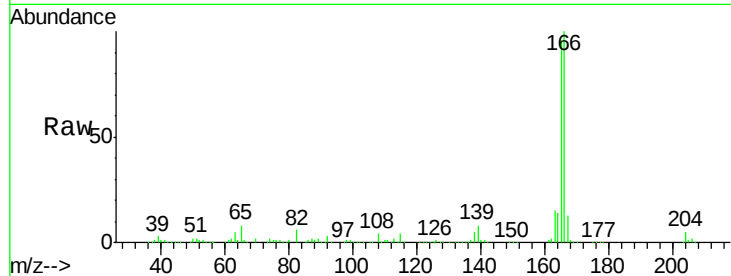
#57
Fluorene
 Concen: 40.12 ng
 RT: 10.42 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	910781		
165	96.0	80.0	120.0	
167	13.1	10.8	16.2	

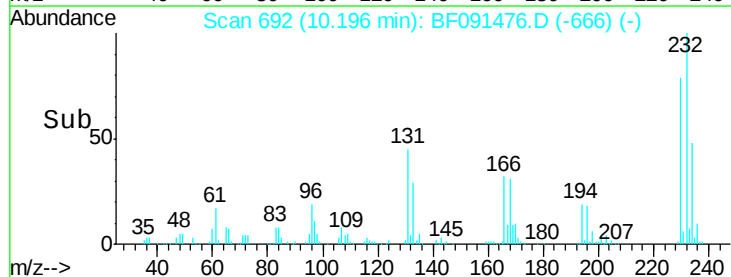
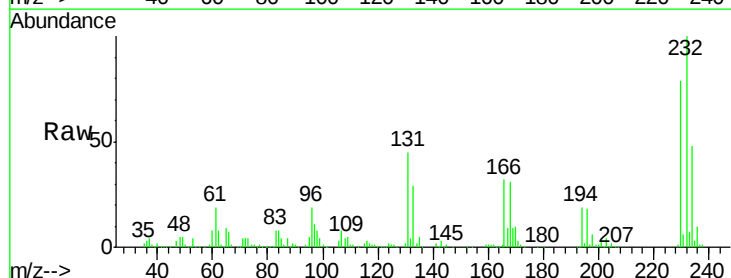
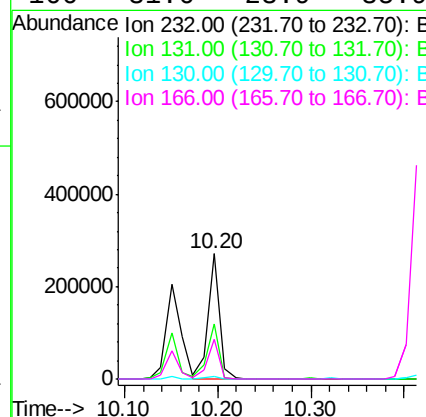
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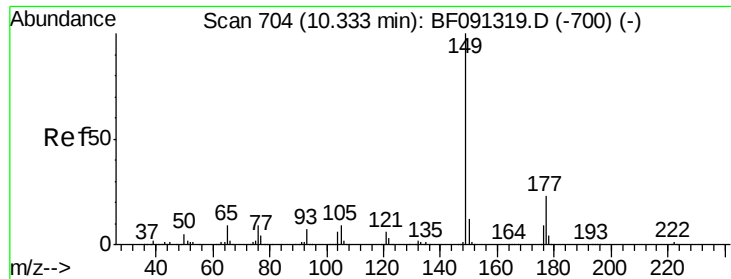
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.96 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	237230		
131	45.0	38.4	57.6	
130	2.3	1.8	2.8	
166	31.6	23.9	35.9	





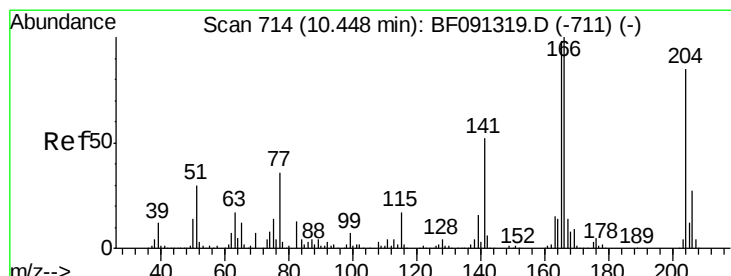
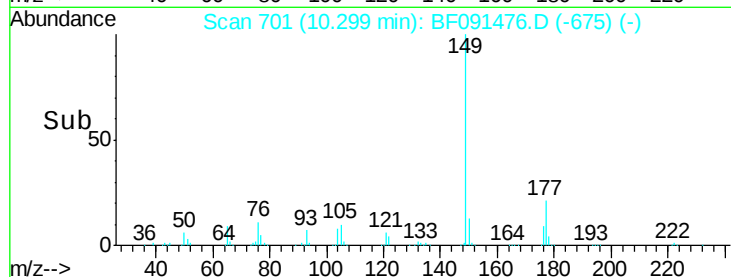
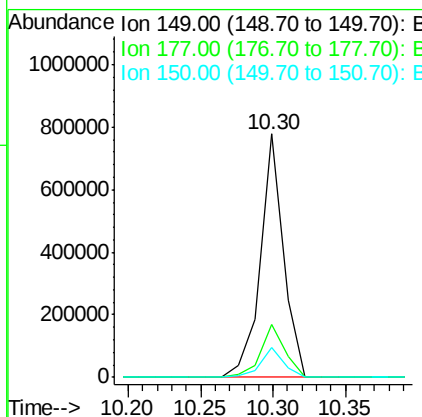
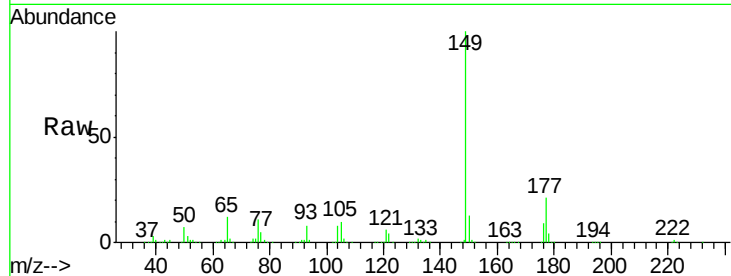
#59
Diethylphthalate
Concen: 36.96 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	15.7	23.5
150	12.5	10.2	15.2

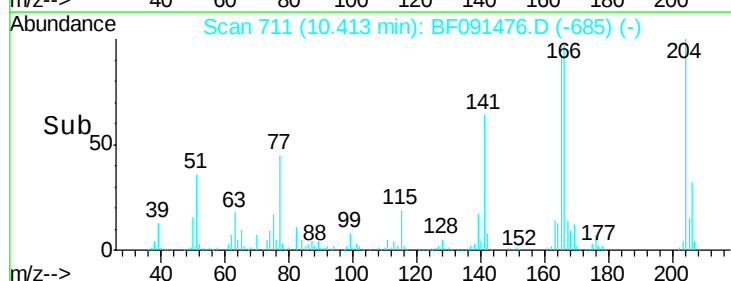
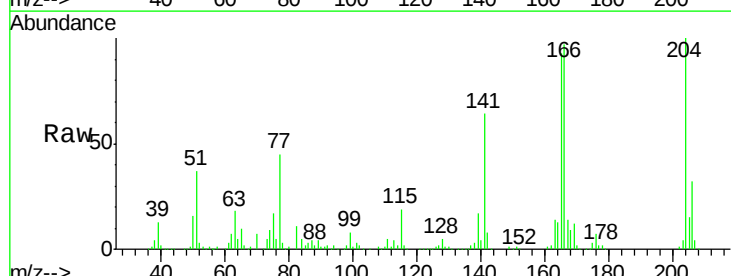
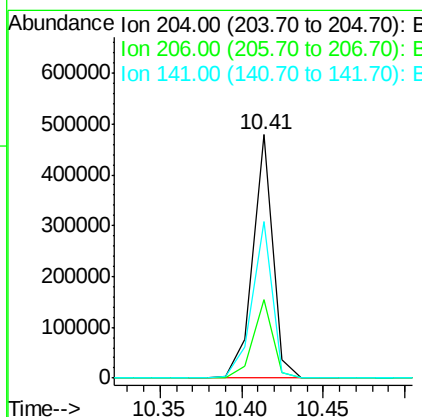
Manual Integrations
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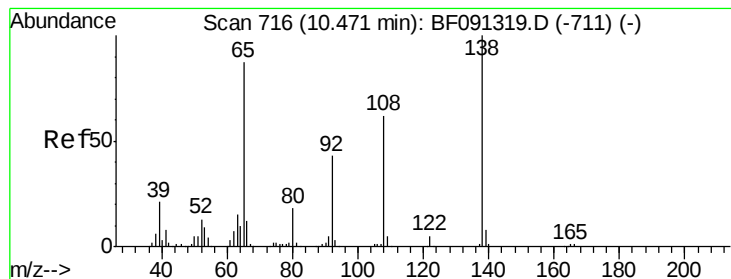
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#60
4-Chlorophenyl-phenylether
Concen: 35.94 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.1	39.1
141	64.4	40.6	61.0





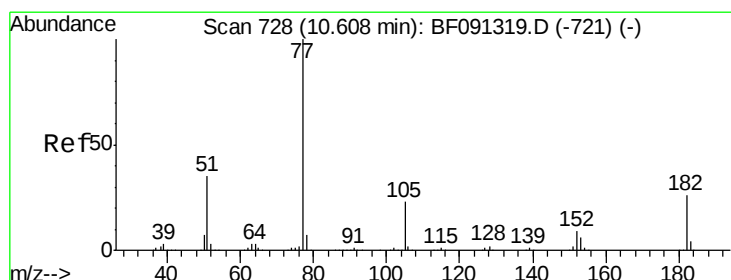
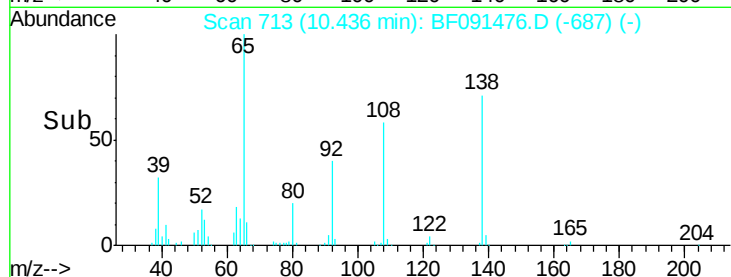
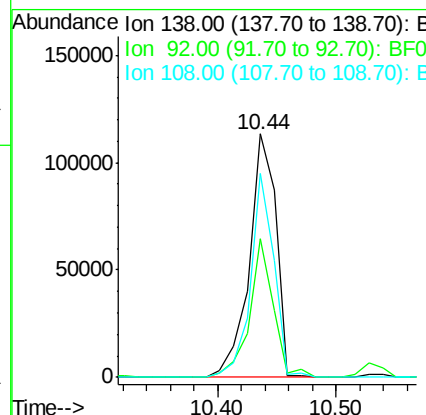
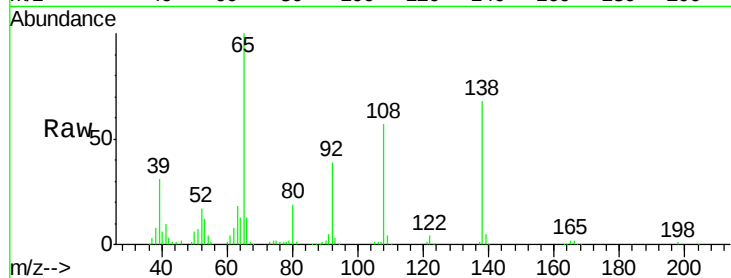
#61
4-Nitroaniline
Concen: 31.28 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	178686		
92	56.7	26.9	66.9	
108	83.7	49.1	89.1	

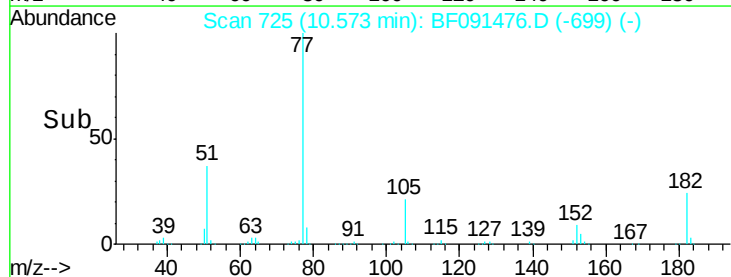
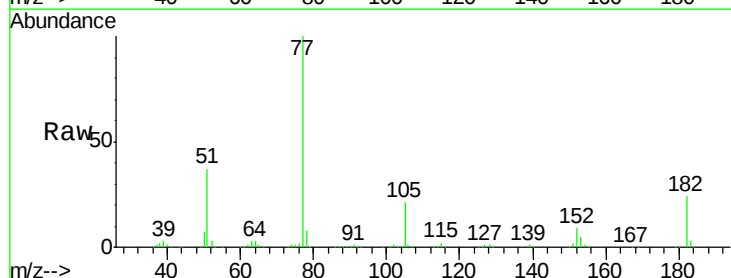
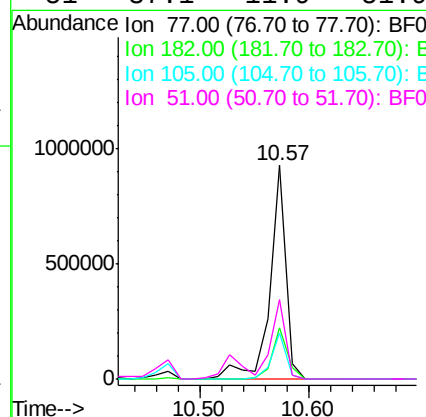
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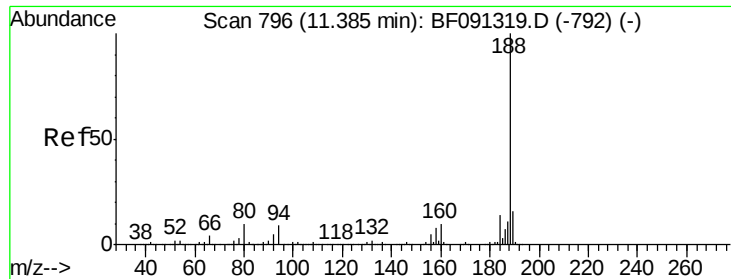
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#62
Azobenzene
Concen: 40.68 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	963580		
182	24.3	12.5	52.5	
105	21.5	3.7	43.7	
51	37.1	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: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:188 Resp: 676647
Ion Ratio Lower Upper

188 100

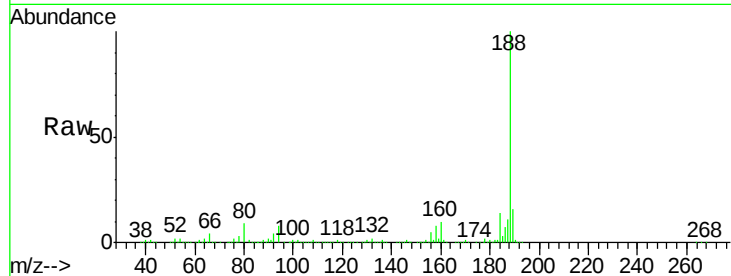
94 8.2 9.2 13.8#

80 9.0 10.5 15.7#

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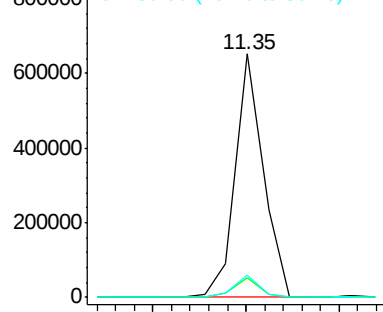
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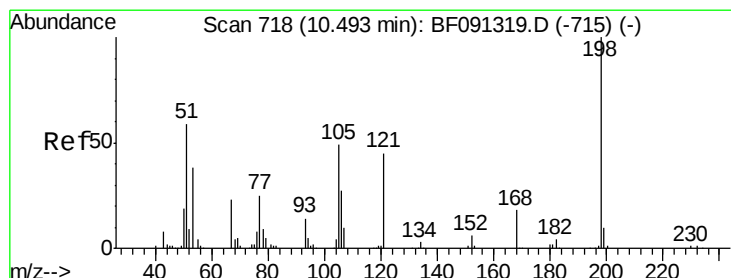
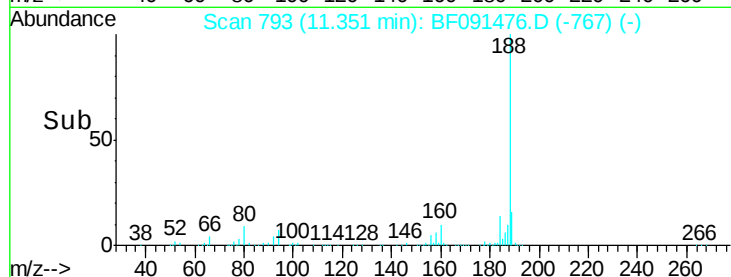
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.14 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF091476.D

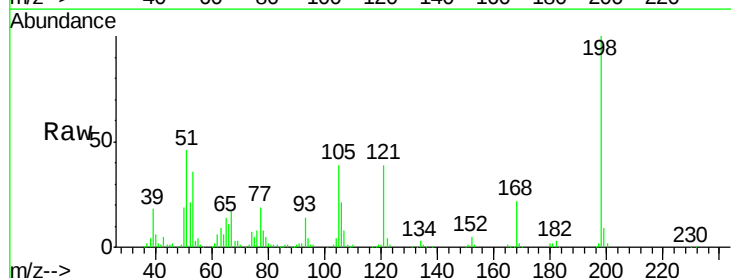
Acq: 7 Dec 2016 18:23

Tgt Ion:198 Resp: 168266
Ion Ratio Lower Upper

198 100

51 45.8 77.1 117.1#

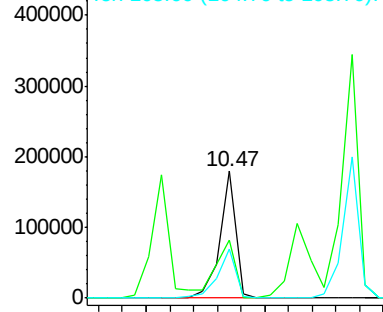
105 38.7 44.8 84.8#



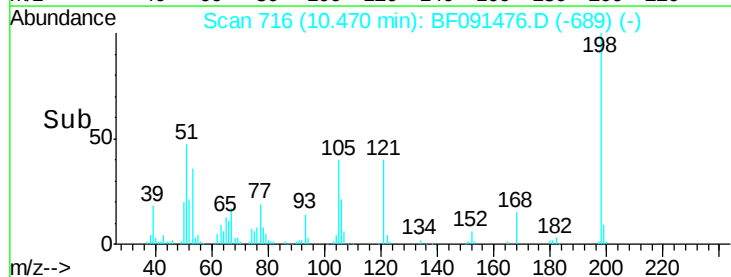
Abundance Ion 198.00 (197.70 to 198.70): E

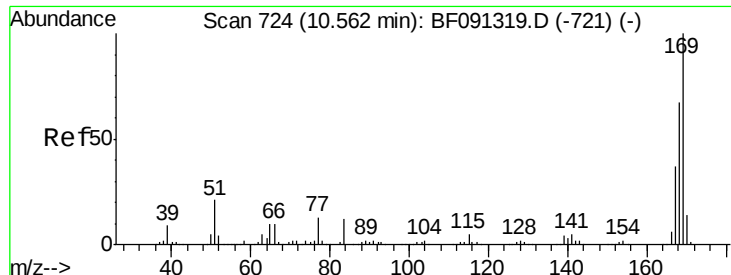
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





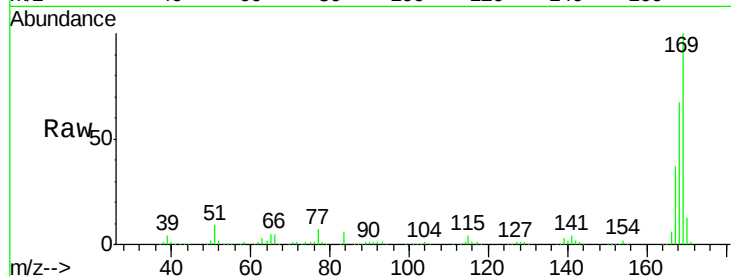
#65
n-Nitrosodiphenylamine
Concen: 37.87 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

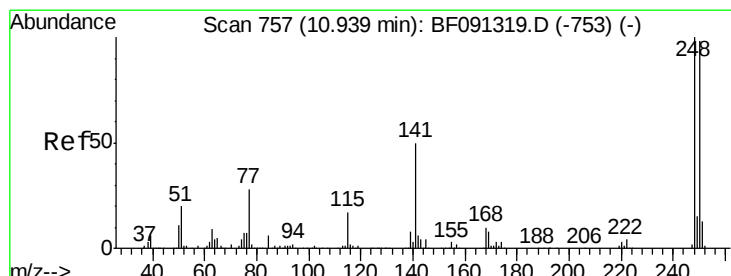
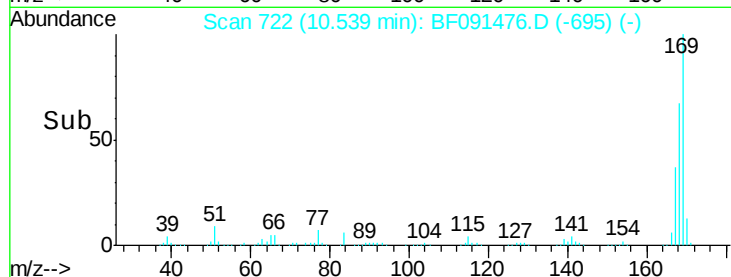
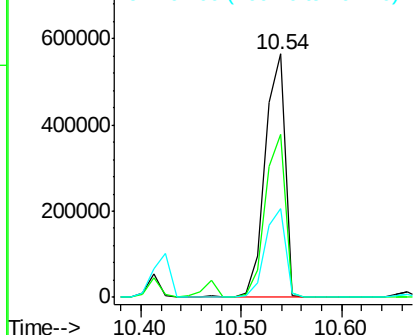
Tot Ion	Ratio	Resp	Lower	Upper
169	100	776911		
168	66.9	53.8	80.8	
167	36.7	29.8	44.8	

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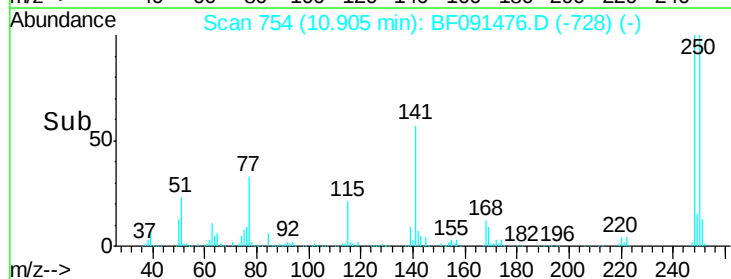
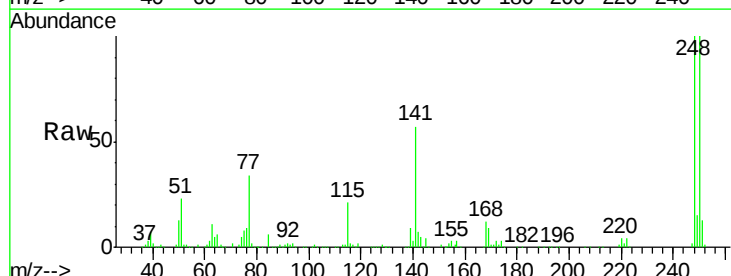
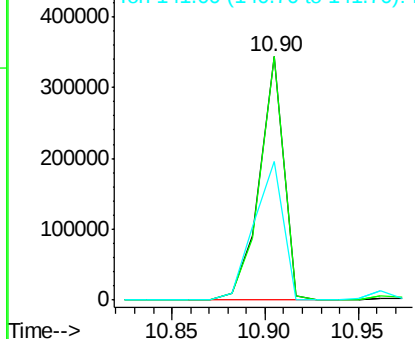
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

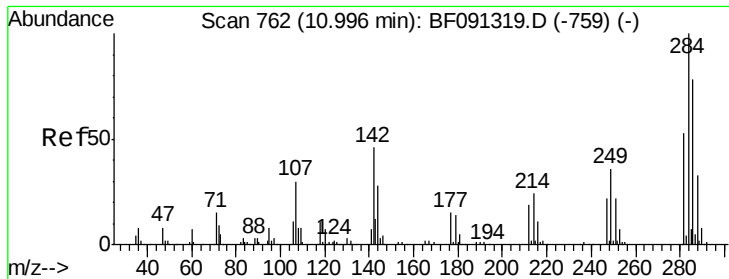


#66
4-Bromophenyl-phenylether
Concen: 42.48 ng
RT: 10.90 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	308940		
250	99.9	78.2	117.4	
141	56.9	71.9	107.9#	

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





#67

Hexachlorobenzene

Concen: 37.41 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

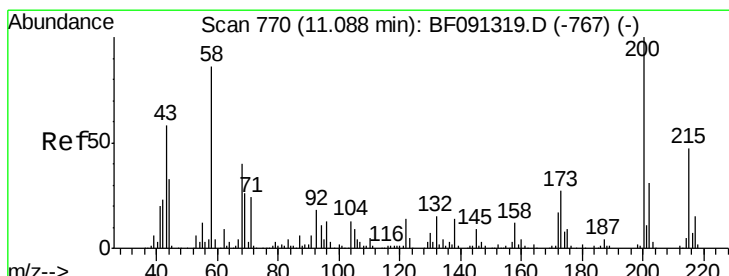
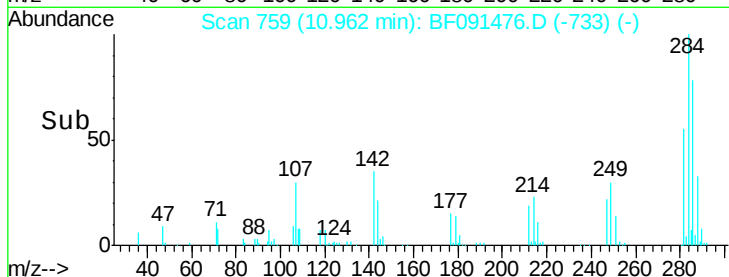
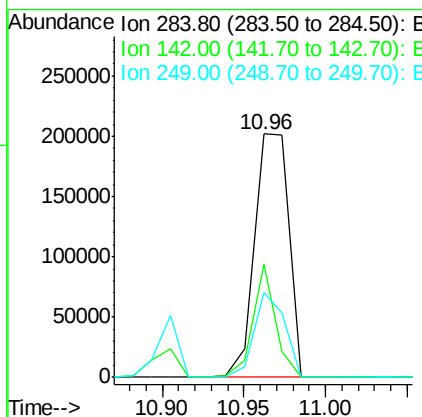
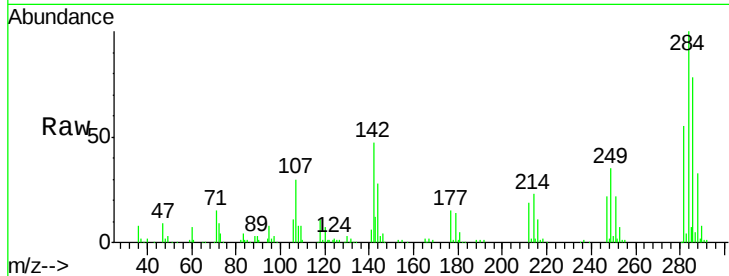
ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:	284	Resp:	293984
Ion Ratio	Lower	Upper	
284	100		
142	46.6	17.9	26.9#
249	34.7	23.6	35.4

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#68

Atrazine

Concen: 40.15 ng

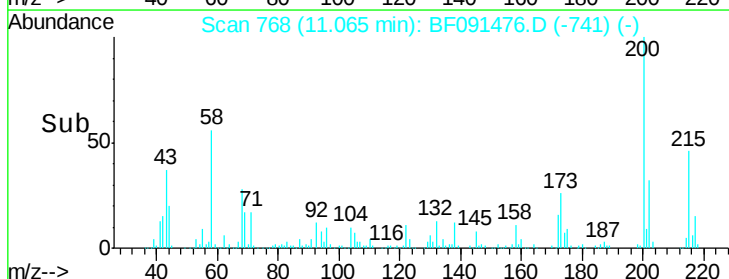
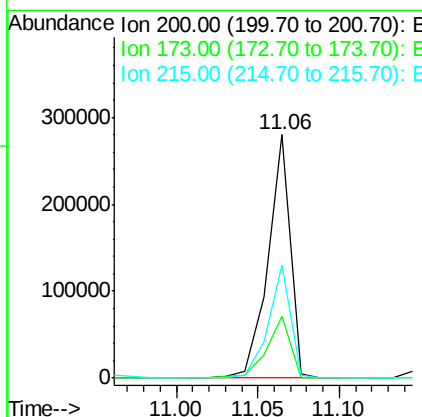
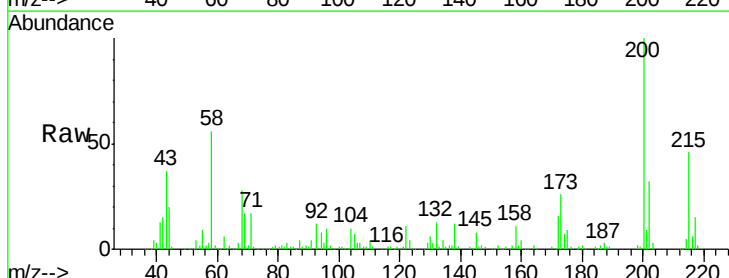
RT: 11.06 min Scan# 768

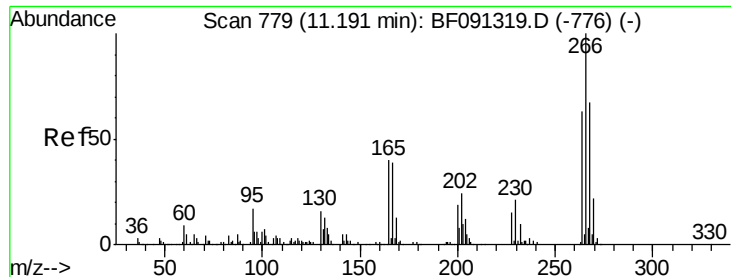
Delta R.T. 0.01 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	200	Resp:	266779
Ion Ratio	Lower	Upper	
200	100		
173	25.5	7.8	47.8
215	46.3	24.3	64.3





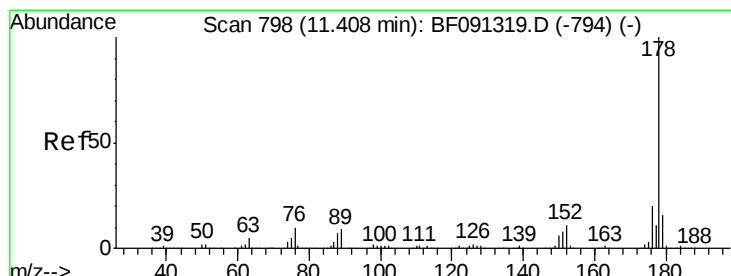
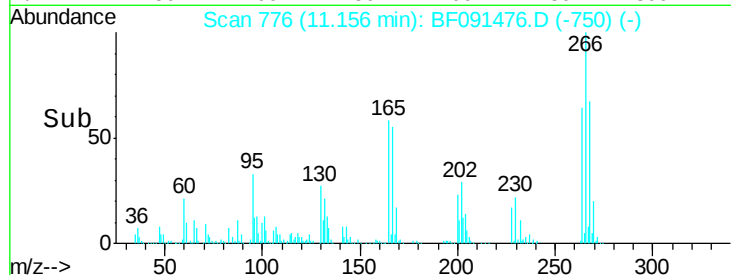
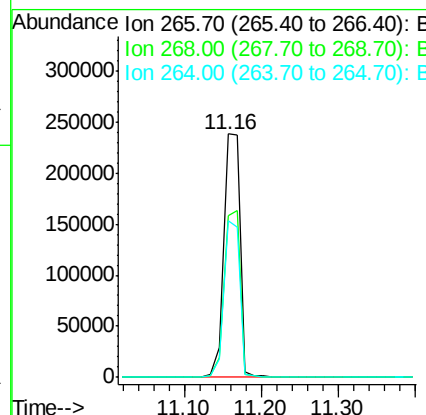
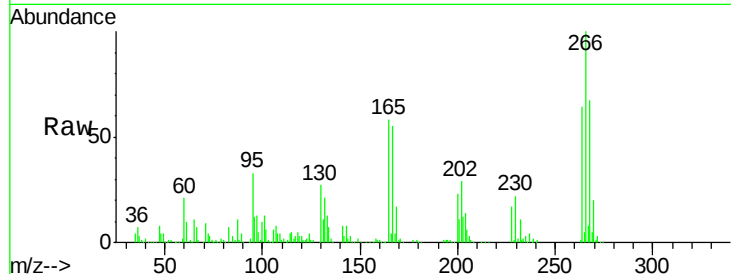
#69
 Pentachlorophenol
 Concen: 77.12 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	356827		
268	66.7	50.3	75.5	
264	64.3	48.2	72.2	

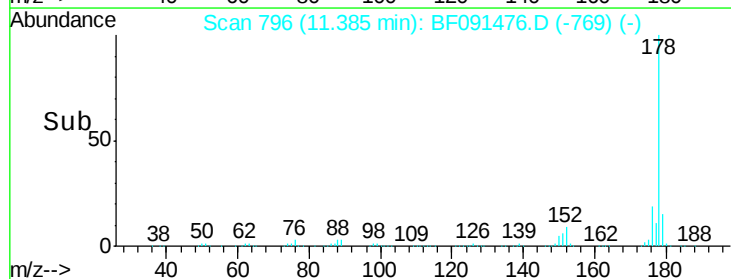
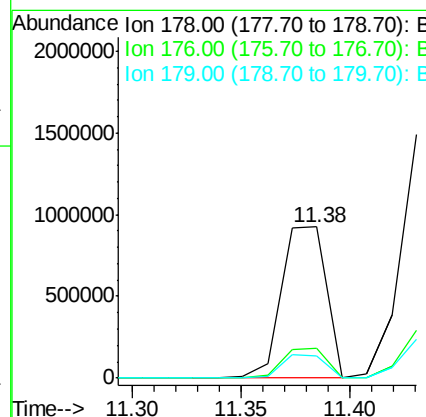
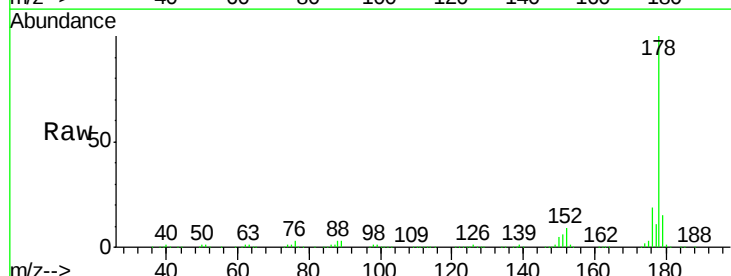
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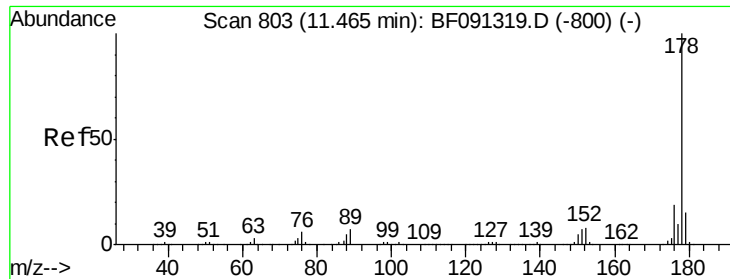
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#70
 Phenanthrene
 Concen: 37.91 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1332905		
176	19.4	15.9	23.9	
179	15.1	12.6	18.8	





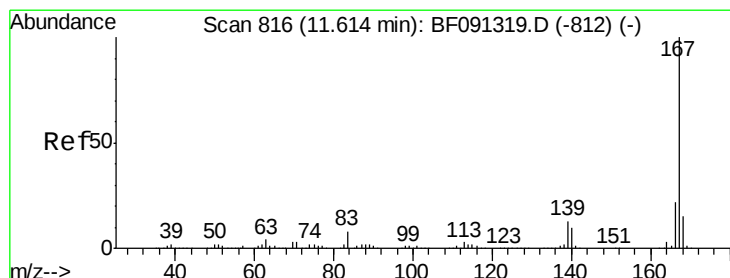
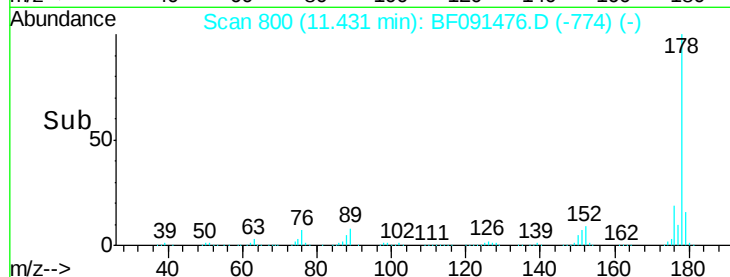
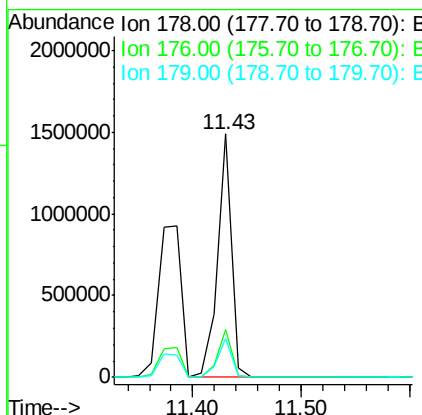
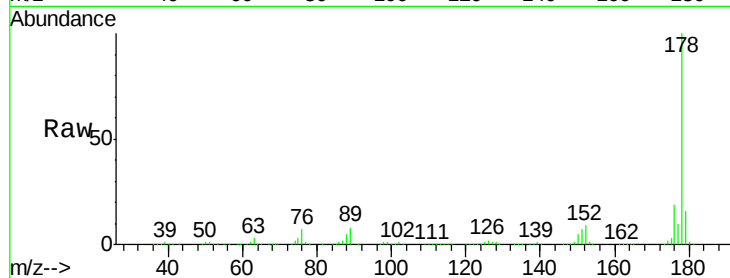
#71
 Anthracene
 Concen: 38.76 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion:178 Resp: 1352524
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.1 12.7 19.1

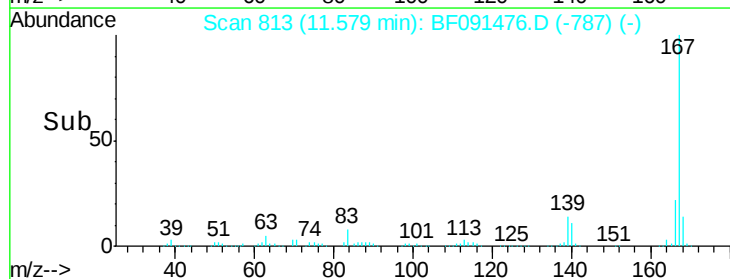
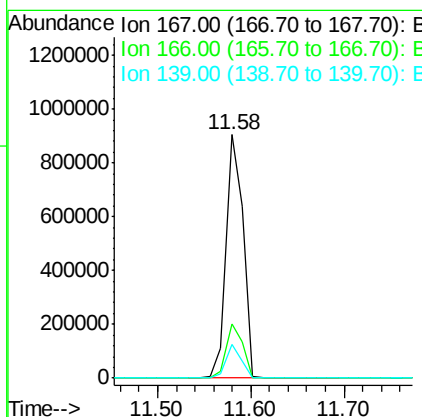
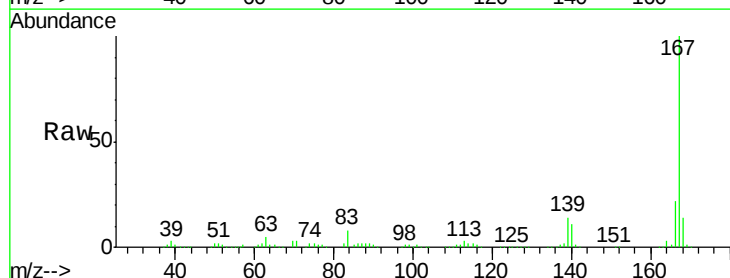
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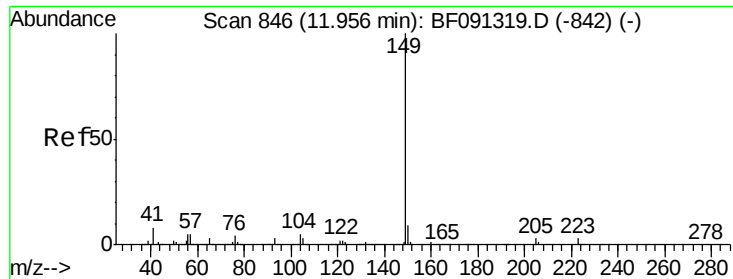
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#72
 Carbazole
 Concen: 36.33 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:167 Resp: 1150248
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 39.52 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:149 Resp: 1418316

Ion Ratio Lower Upper

149 100

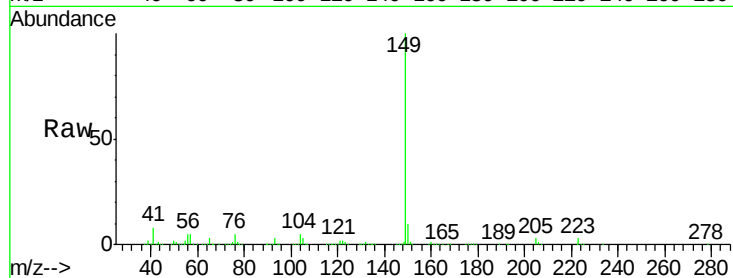
150 9.5 7.5 11.3

104 5.0 4.0 6.0

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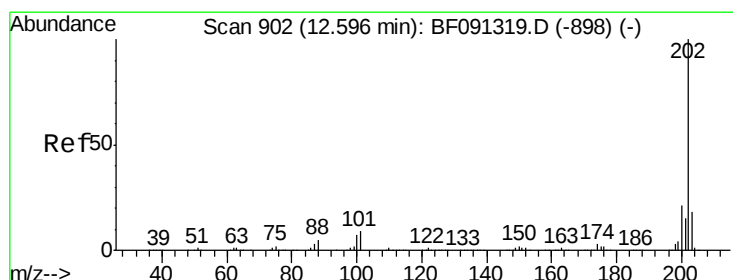
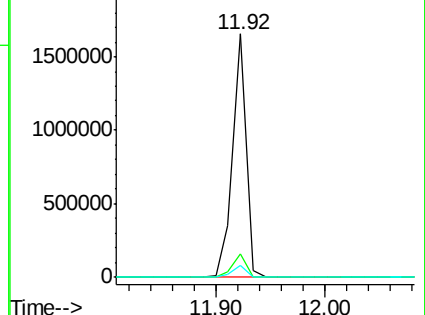
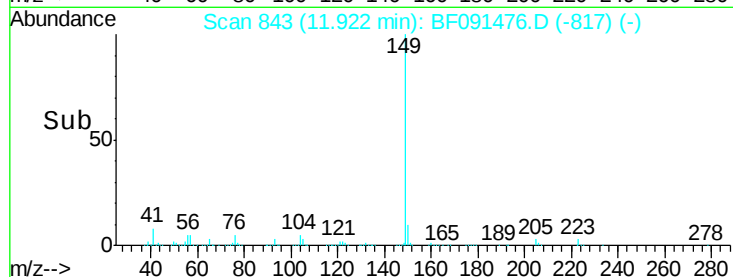
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.51 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

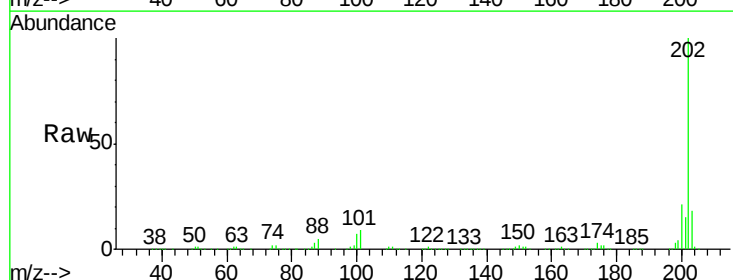
Tgt Ion:202 Resp: 1315908

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.5

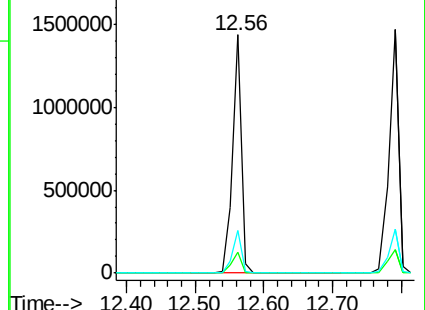
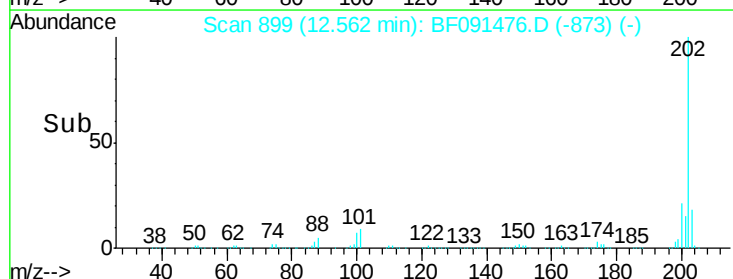
203 17.8 0.0 37.8

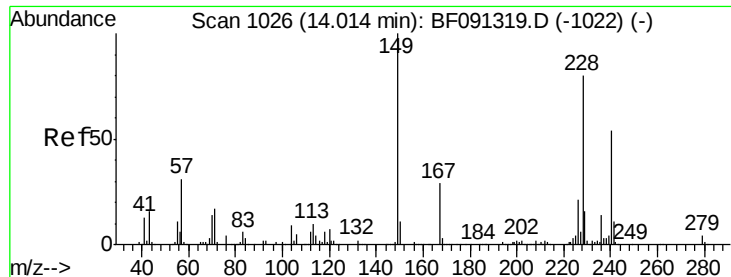


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

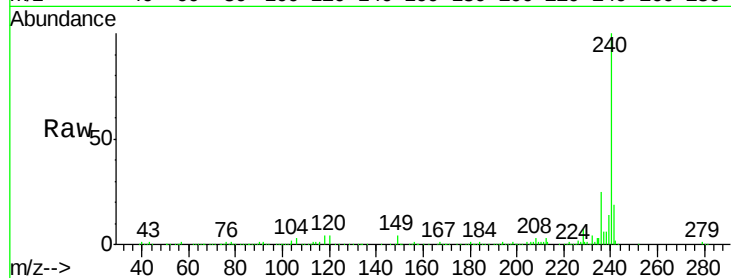
ClientSampleId :

N002-WD-A5-01-01MSD

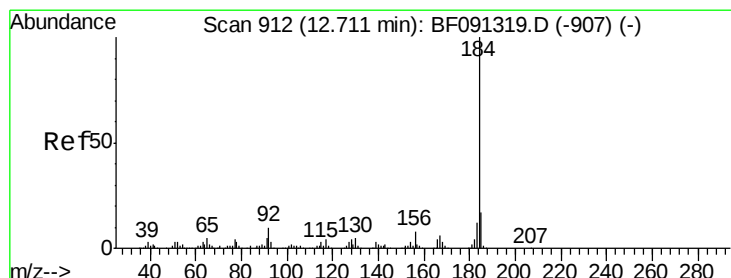
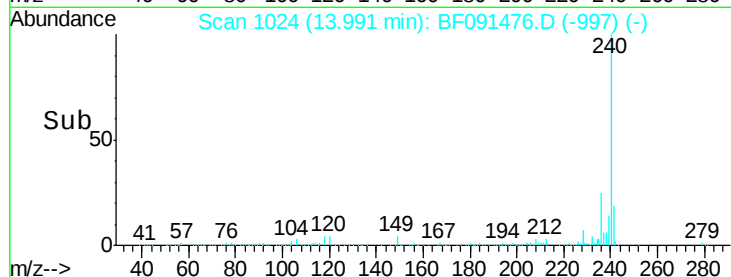
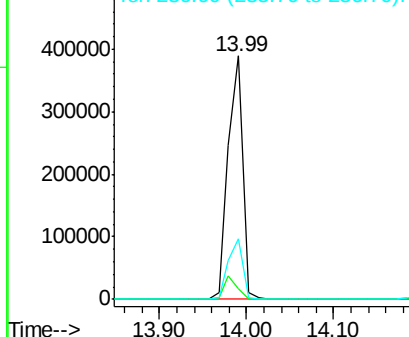
Tot Ion	Ratio	Resp	Lower	Upper
240	100	456030		
120	4.2	12.1	18.1#	
236	25.0	21.0	31.6	

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.75 ng

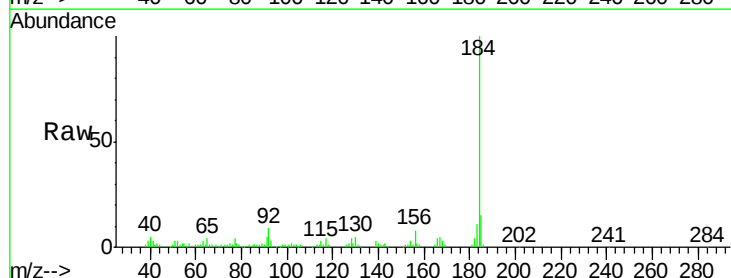
RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

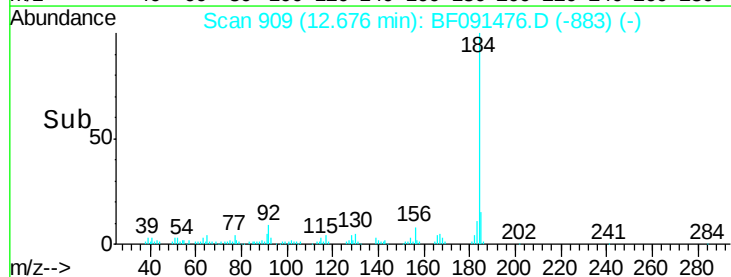
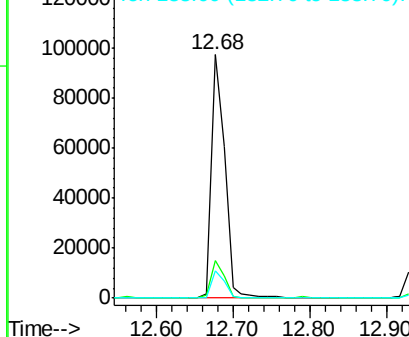
Lab File: BF091476.D

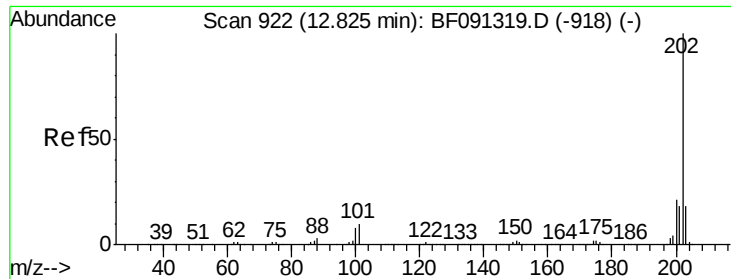
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	117151		
185	15.3	13.1	19.7	
183	11.4	8.9	13.3	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





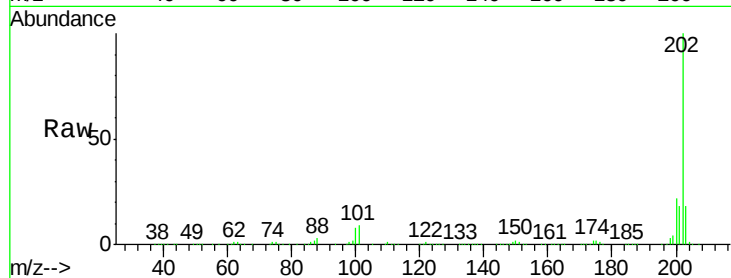
#77
Pvrene
Concen: 40.83 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

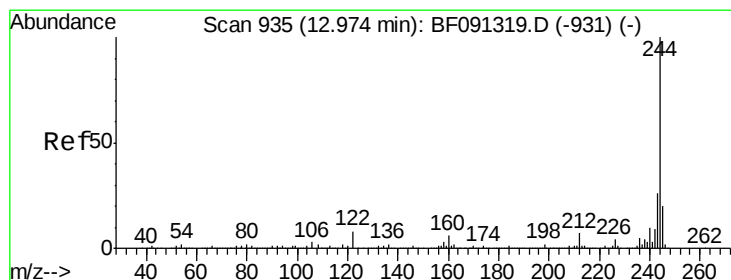
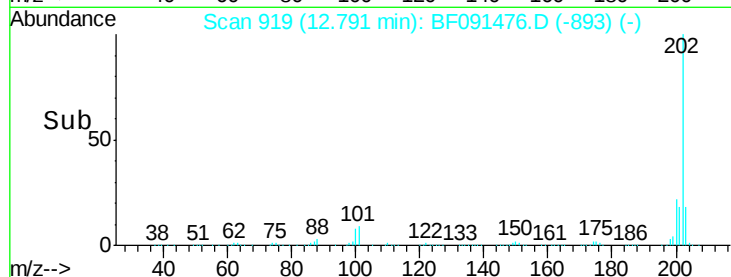
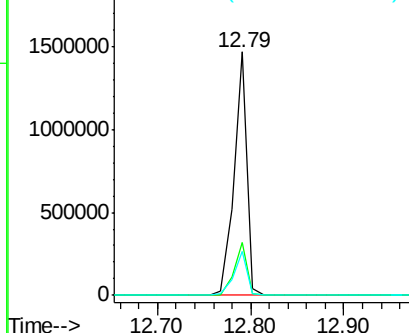
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.1	14.0	21.0

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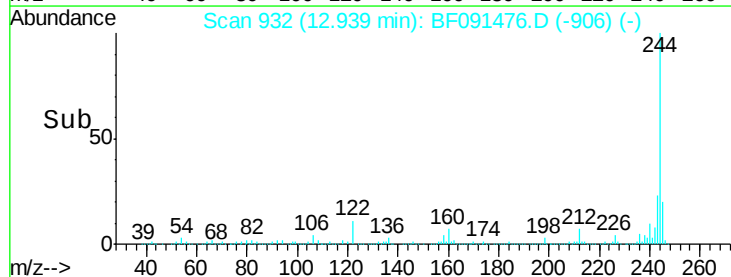
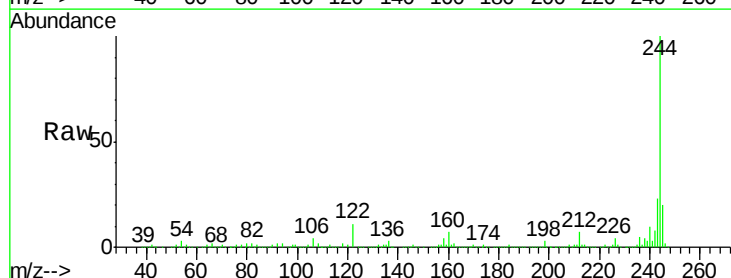
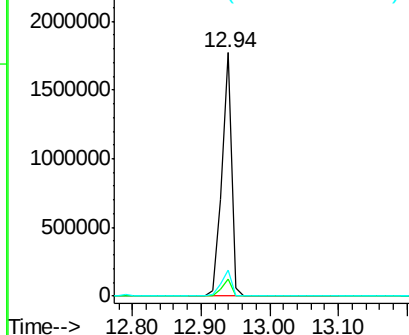
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

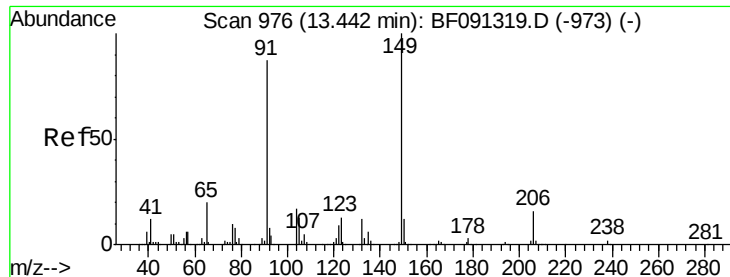


#78
Terphenyl-d14
Concen: 84.44 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.7	9.5	14.3

Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





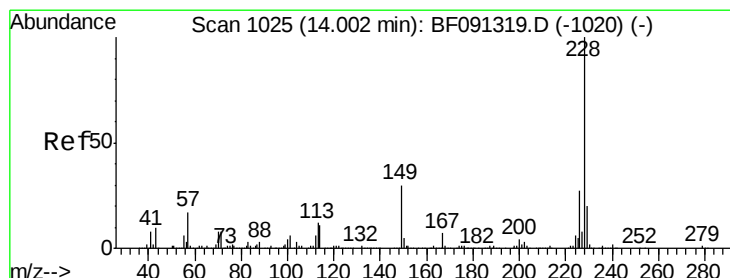
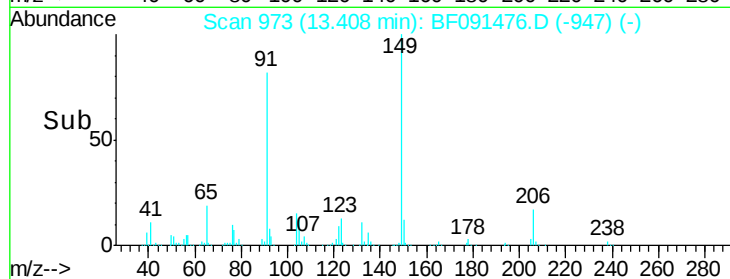
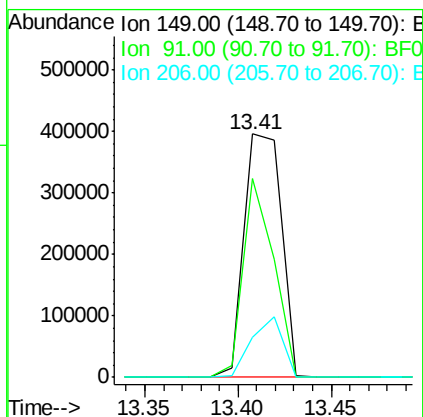
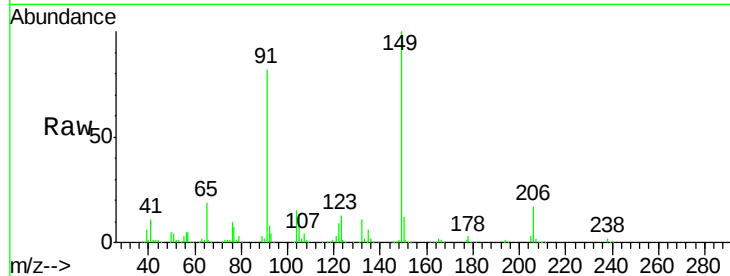
#79
Butylbenzylphthalate
Concen: 42.37 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.9	57.4	86.2
206	16.6	15.4	23.2

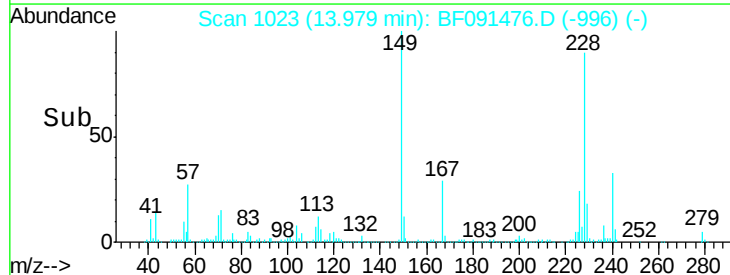
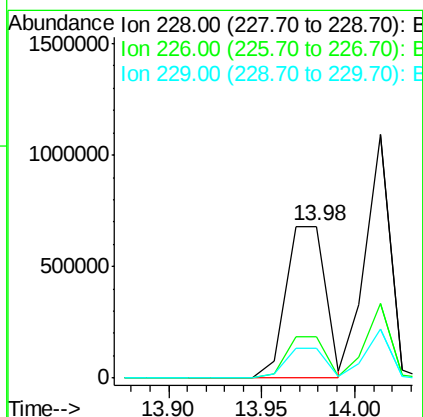
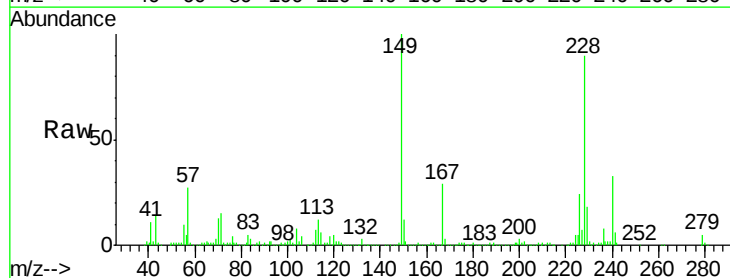
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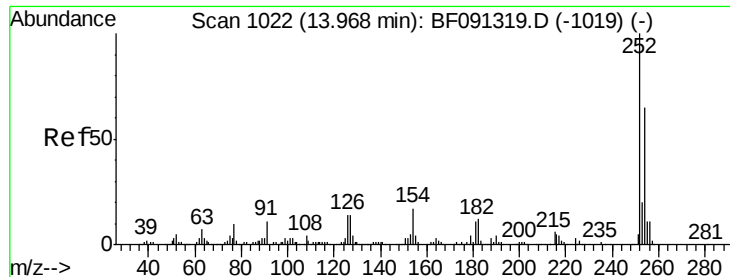
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#80
Benzo(a)anthracene
Concen: 37.79 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	19.6	16.4	24.6





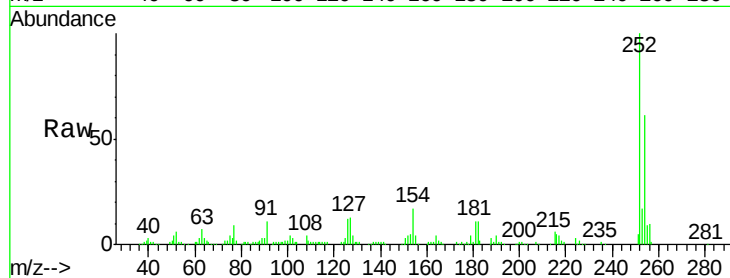
#81
 3,3'-Dichlorobenzidine
 Concen: 17.91 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

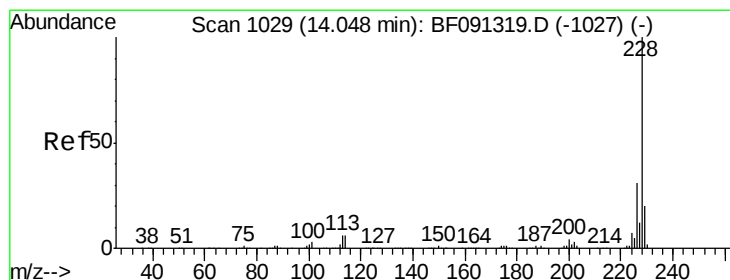
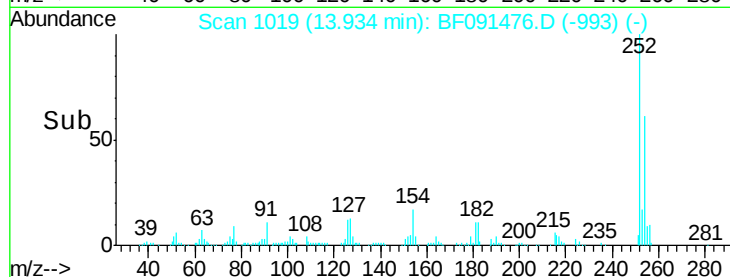
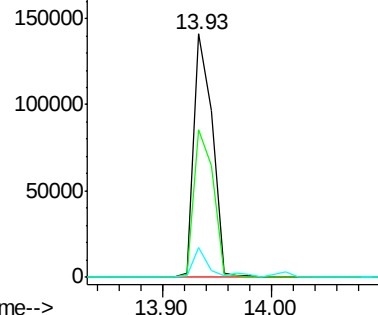
Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.9	52.1	78.1
126	12.2	7.5	11.3

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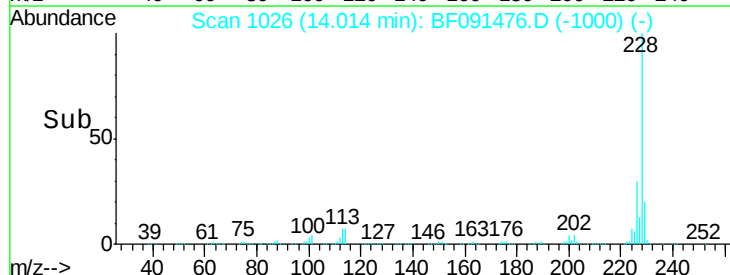
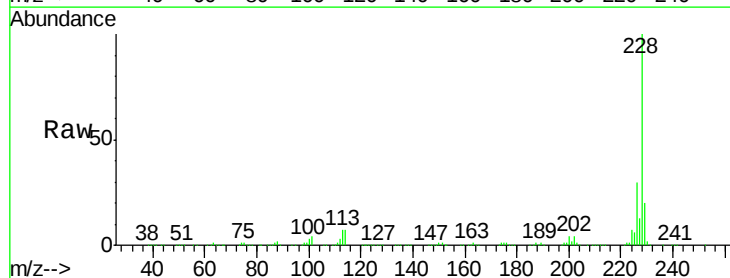
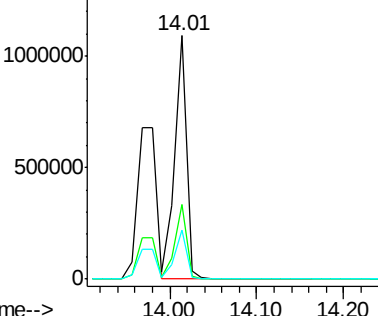
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.23 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.4
229	20.2	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tot Ion:149 Resp: 771996

Ion Ratio Lower Upper

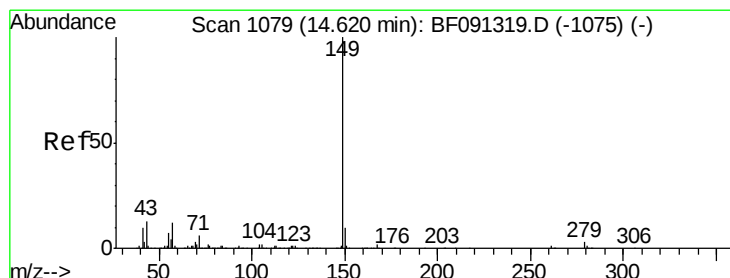
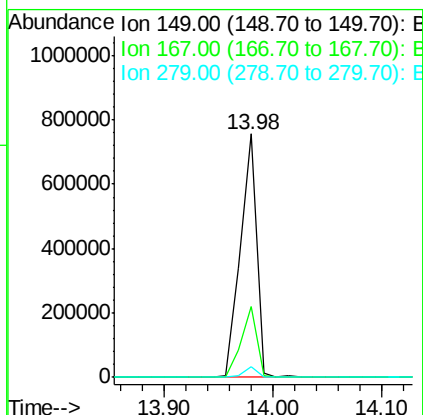
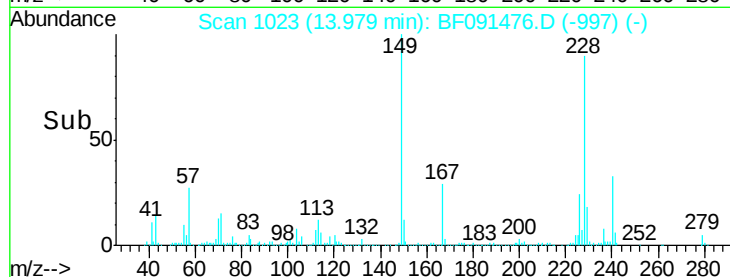
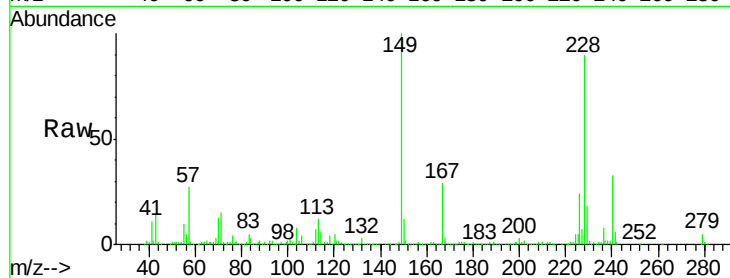
149 100

167 29.0 19.6 29.4

279 4.6 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 46.64 ng

RT: 14.59 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

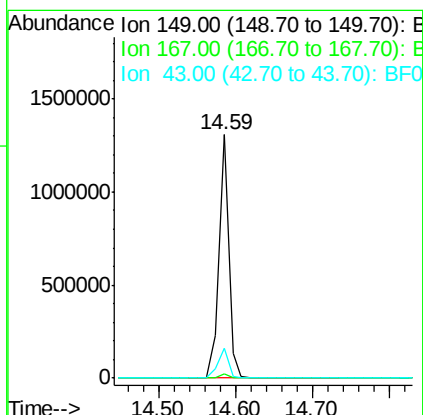
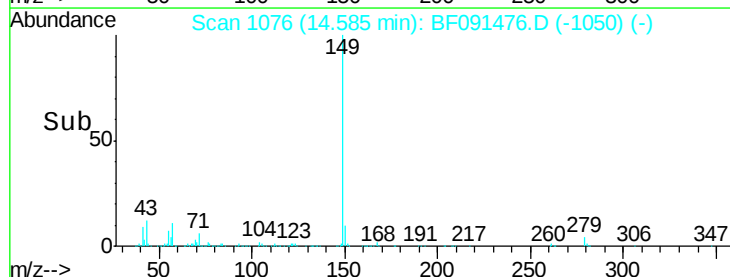
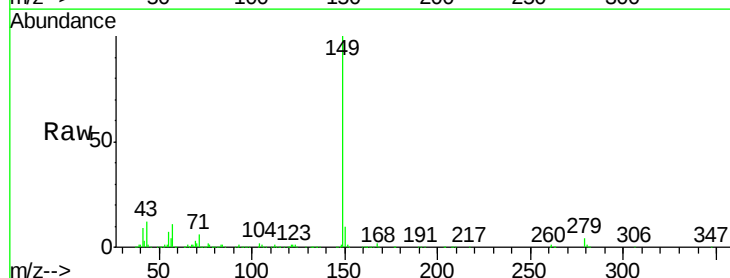
Tgt Ion:149 Resp: 1159381

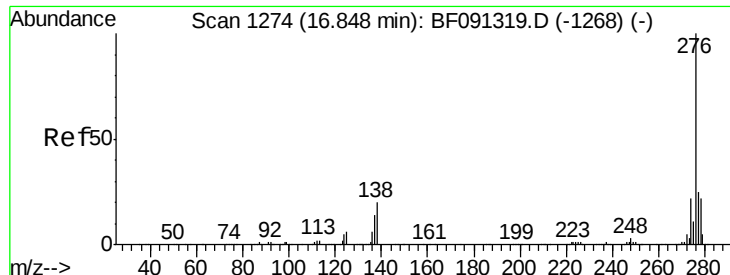
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.2 11.9 17.9





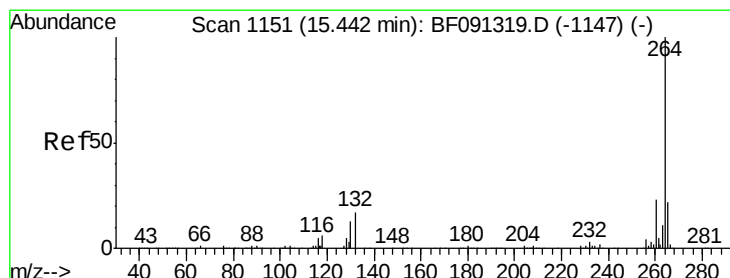
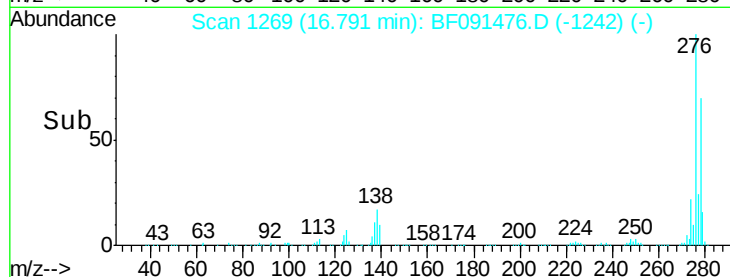
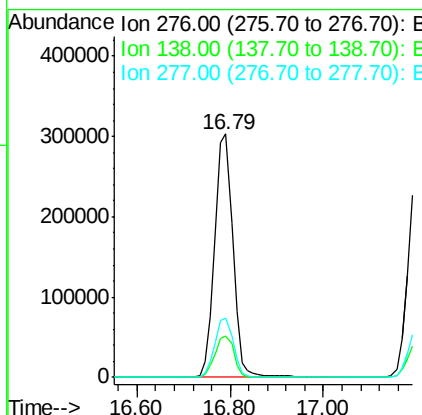
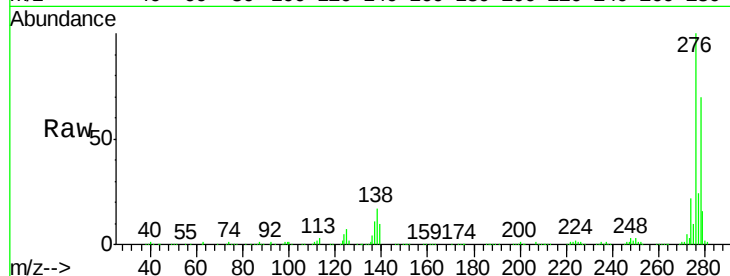
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.08 ng
RT: 16.79 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	21.0	31.4#
277	25.0	20.2	30.2

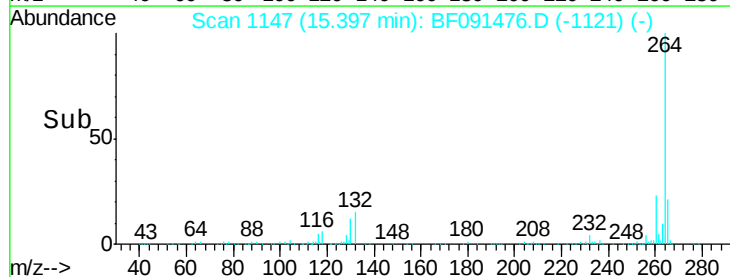
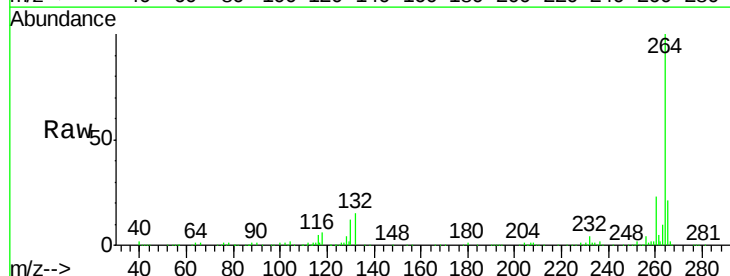
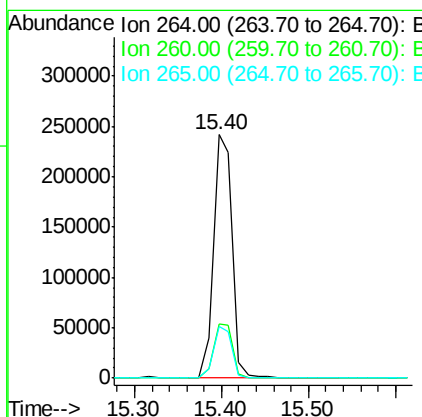
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	21.2	17.0	25.6





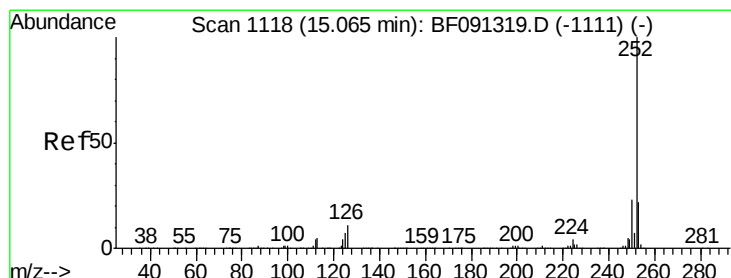
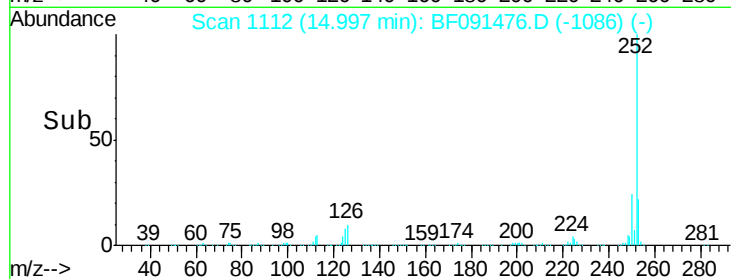
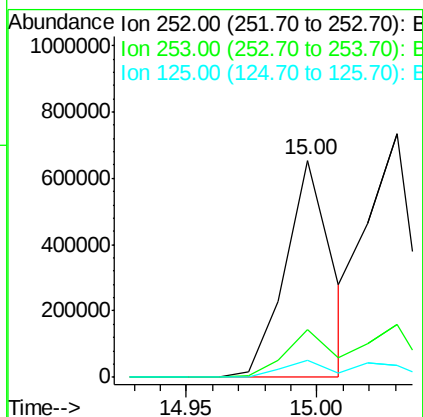
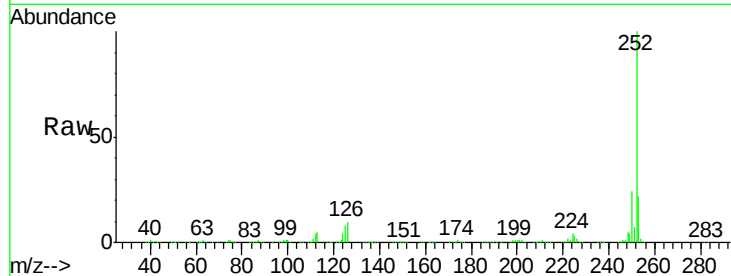
#87
Benzo(b)fluoranthene
Concen: 35.66 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.7	8.6	13.0

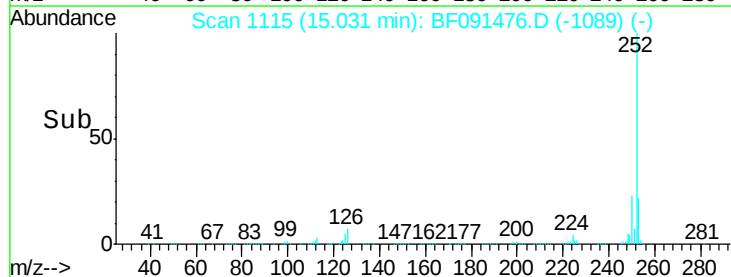
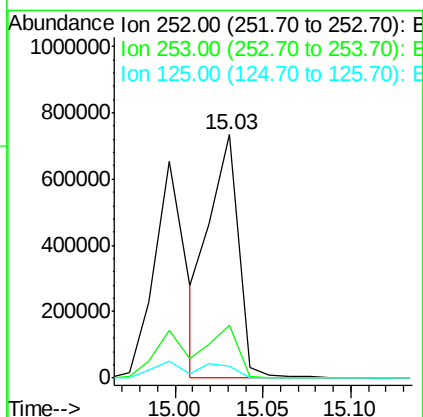
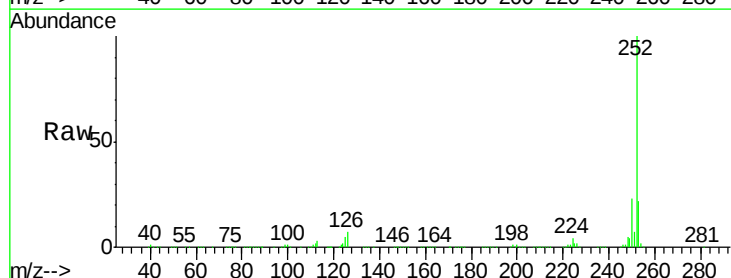
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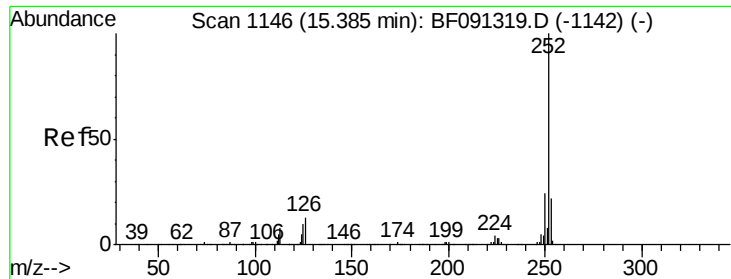
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#88
Benzo(k)fluoranthene
Concen: 44.92 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	4.6	9.6	14.4





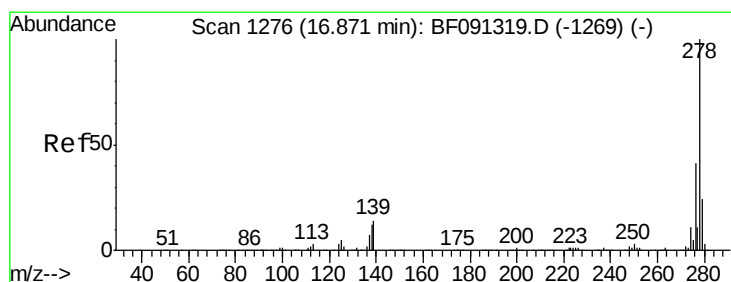
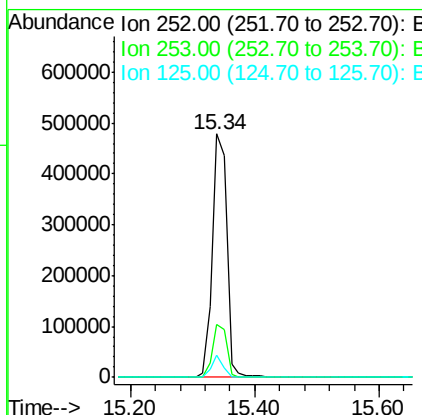
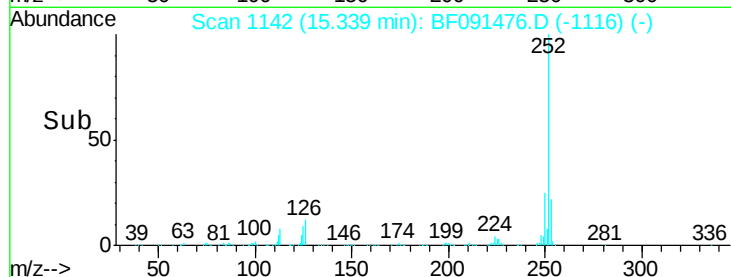
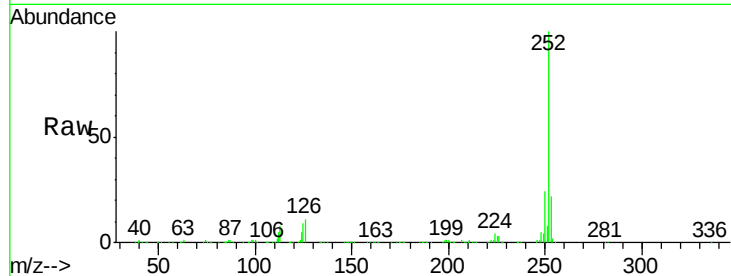
#89
Benzo(a)pyrene
Concen: 37.25 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.0	10.4	15.6

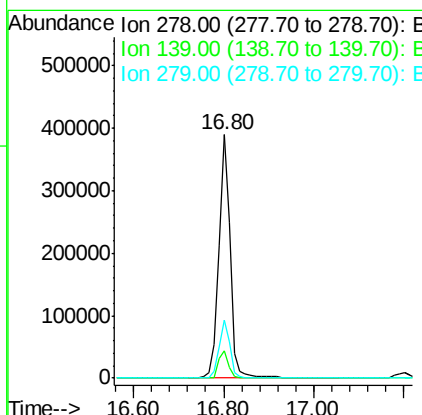
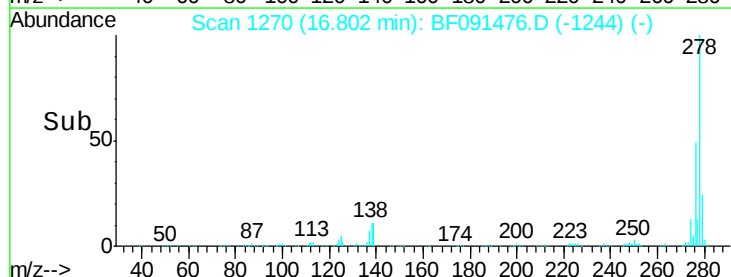
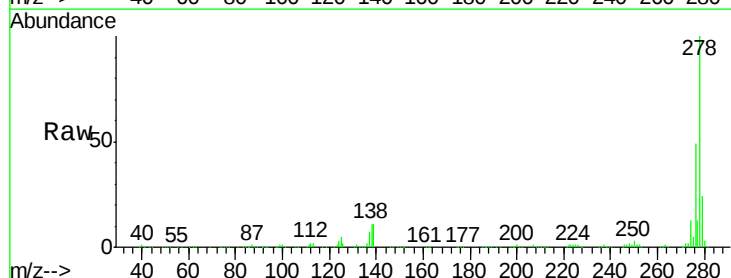
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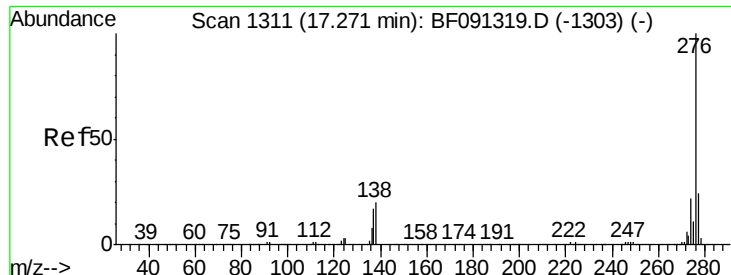
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#90
Dibenzo(a,h)anthracene
Concen: 36.47 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	15.1	22.7
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 35.50 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	15.5	15.4	23.0

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