

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091785.D
 Acq On : 19 Dec 2016 20:53
 Operator : UM/SJ
 Sample : PB95441BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Manual Integrations
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Quant Time: Dec 20 00:16:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	248341	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	967027	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	523600	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	812912	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	552007	20.00	ng	-0.01
86) Perylene-d12	15.31	264	544315	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1861796	125.60	ng	0.01
7) Phenol-d6	6.41	99	2102452	116.30	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1532780	91.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	512307	115.39	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2408409	92.41	ng	-0.01
78) Terphenyl-d14	12.87	244	2045298	93.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	313715	42.98	ng	98
3) Pyridine	3.10	79	866287	36.84	ng	97
4) n-Nitrosodimethylamine	3.07	42	363778	39.97	ng	97
6) Aniline	6.42	93	257534	11.07	ng	# 1
8) 2-Chlorophenol	6.54	128	619454	37.97	ng	99
9) Benzaldehyde	6.30	77	92667	6.31	ng	91
10) Phenol	6.42	94	705940	34.65	ng	85
11) bis(2-Chloroethyl)ether	6.50	93	600242	36.88	ng	99
12) 1,3-Dichlorobenzene	6.69	146	659224m	36.79	ng	
13) 1,4-Dichlorobenzene	6.77	146	662396	36.54	ng	100
14) 1,2-Dichlorobenzene	6.93	146	640643	40.34	ng	97
15) Benzyl Alcohol	6.91	79	550804	39.35	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	911521	36.66	ng	99
17) 2-Methylphenol	7.02	107	517661	37.97	ng	99
18) Hexachloroethane	7.28	117	254384	37.77	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	476701	39.64	ng	94
20) 3+4-Methylphenols	7.18	107	655079	43.07	ng	# 80
22) Acetophenone	7.17	105	882189	37.78	ng	# 98
24) Nitrobenzene	7.34	77	686717	38.13	ng	96
25) Isophorone	7.58	82	1248132	39.01	ng	96
26) 2-Nitrophenol	7.66	139	367612	42.32	ng	93
27) 2,4-Dimethylphenol	7.71	122	595056	41.99	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	791725	42.29	ng	100
29) 2,4-Dichlorophenol	7.90	162	506038	38.72	ng	88
30) 1,2,4-Trichlorobenzene	7.98	180	547492	38.65	ng	# 95
31) Naphthalene	8.06	128	1722655	37.29	ng	99
32) Benzoic acid	7.85	122	361076	35.75	ng	93
33) 4-Chloroaniline	8.12	127	119805	6.16	ng	# 92
34) Hexachlorobutadiene	8.19	225	316734	39.77	ng	99
35) Caprolactam	8.49	113	171018m	40.67	ng	
36) 4-Chloro-3-methylphenol	8.61	107	557115	38.64	ng	99
37) 2-Methylnaphthalene	8.76	142	1254495	43.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	479850	36.77	ng	99
40) Hexachlorocyclopentadiene	8.91	237	431402	77.99	ng	96

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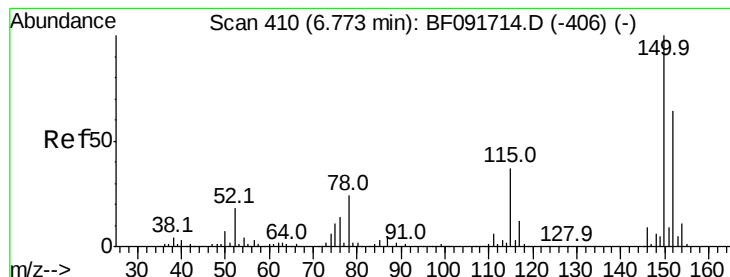
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	357604	38.35	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	343002	37.44	nq	95
45) 1,1'-Biphenyl	9.22	154	1374862	36.64	nq	96
46) 2-Chloronaphthalene	9.24	162	1058260	37.73	nq	93
47) 2-Nitroaniline	9.34	65	373400	39.00	nq	96
48) Acenaphthylene	9.66	152	1741489	40.08	nq	98
49) Dimethylphthalate	9.53	163	1197128	35.00	nq	98
50) 2,6-Dinitrotoluene	9.58	165	270621	36.09	nq	# 65
51) Acenaphthene	9.84	154	1230079	41.24	nq	100
52) 3-Nitroaniline	9.76	138	87049	9.32	nq	# 77
53) 2,4-Dinitrophenol	9.87	184	266313	65.74	nq	94
54) Dibenzofuran	10.01	168	1539815	43.42	nq	95
55) 4-Nitrophenol	9.93	139	456778	70.45	nq	98
56) 2,4-Dinitrotoluene	10.00	165	405024	43.24	nq	86
57) Fluorene	10.35	166	1142256	41.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	287160	37.91	nq	99
59) Diethylphthalate	10.22	149	1182386	35.17	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	492293	39.23	nq	94
61) 4-Nitroaniline	10.37	138	302526	34.20	nq	88
62) Azobenzene	10.50	77	1441224	40.29	nq	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	173816	32.42	nq	# 41
65) n-Nitrosodiphenylamine	10.46	169	1064348	42.16	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	354701	41.61	nq	# 87
67) Hexachlorobenzene	10.89	284	352758	39.49	nq	# 76
68) Atrazine	10.99	200	327163	42.89	nq	96
69) Pentachlorophenol	11.09	266	373450	77.48	nq	98
70) Phenanthrene	11.30	178	1585421	39.03	nq	99
71) Anthracene	11.36	178	1786757	41.53	nq	99
72) Carbazole	11.52	167	1588610	42.23	nq	97
73) Di-n-butylphthalate	11.85	149	1859471	38.55	nq	99
74) Fluoranthene	12.49	202	1746673	41.17	nq	96
76) Benzidine	12.61	184	323718	20.37	nq	95
77) Pyrene	12.72	202	1800428	45.16	nq	99
79) Butylbenzylphthalate	13.35	149	808739	43.35	nq	# 76
80) Benzo(a)anthracene	13.89	228	1288899	40.82	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	215360	17.05	nq	97
82) Chrysene	13.94	228	1368541	41.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	986800	41.69	nq	# 96
84) Di-n-octyl phthalate	14.51	149	1762297	40.41	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1125338	34.97	nq	99
87) Benzo(b)fluoranthene	14.91	252	1574519m	45.62	nq	
88) Benzo(k)fluoranthene	14.95	252	899103m	37.13	nq	
89) Benzo(a)pyrene	15.25	252	1157046	39.06	nq	97
90) Dibenzo(a,h)anthracene	16.66	278	931306	36.07	nq	100
91) Benzo(g,h,i)perylene	17.05	276	940515	35.84	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

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Instrument :

BNA_F

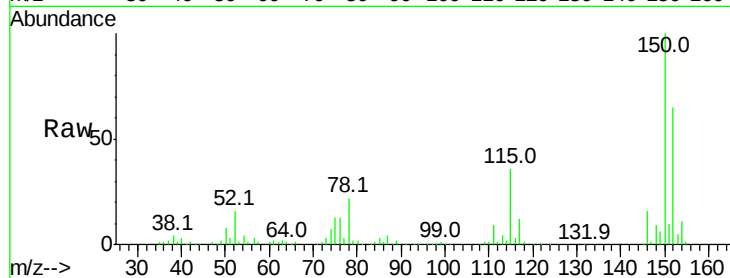
ClientSampleId :

PB95441BSD

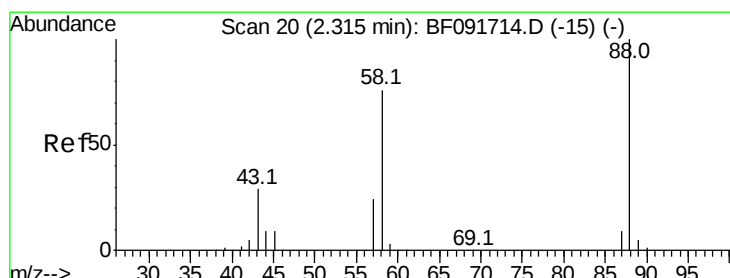
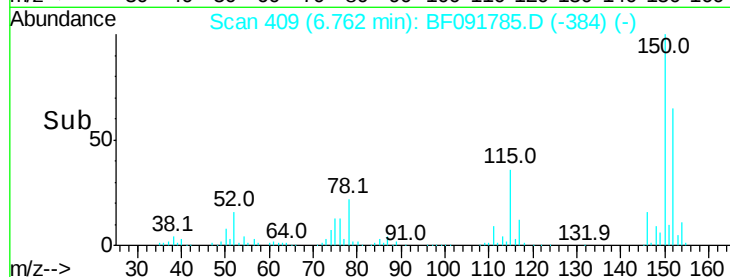
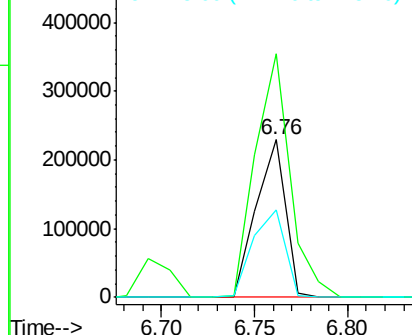
Tot Ion:	152	Resp:	248341
Ion Ratio	Lower	Upper	
152	100		
150	154.6	124.9	187.3
115	55.4	46.0	69.0

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



#2

1,4-Dioxane

Concen: 42.98 ng

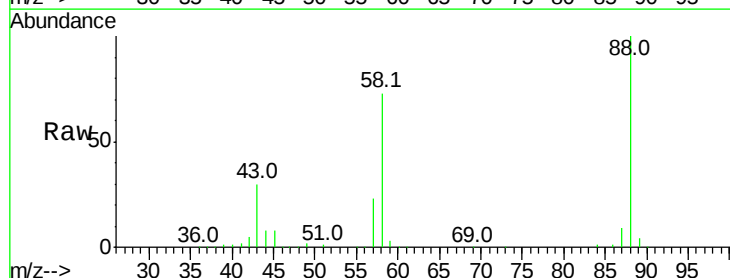
RT: 2.43 min Scan# 30

Delta R.T. 0.11 min

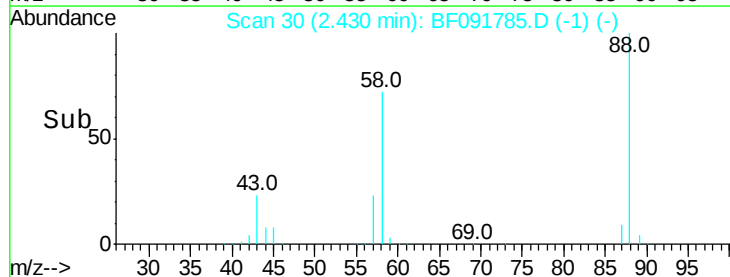
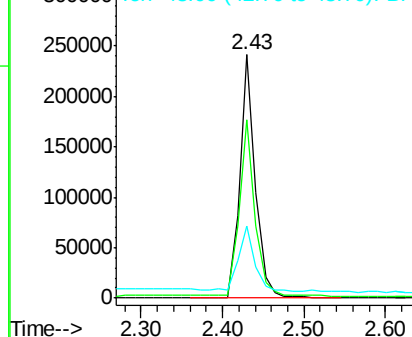
Lab File: BF091785.D

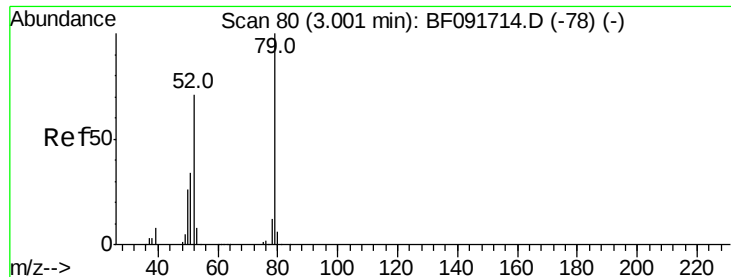
Acq: 19 Dec 2016 20:53

Tgt Ion:	88	Resp:	313715
Ion Ratio	Lower	Upper	
88	100		
58	74.1	57.8	86.8
43	27.9	22.3	33.5



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





#3

Pvridine

Concen: 36.84 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

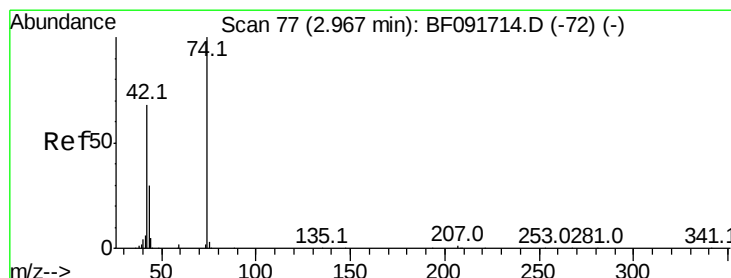
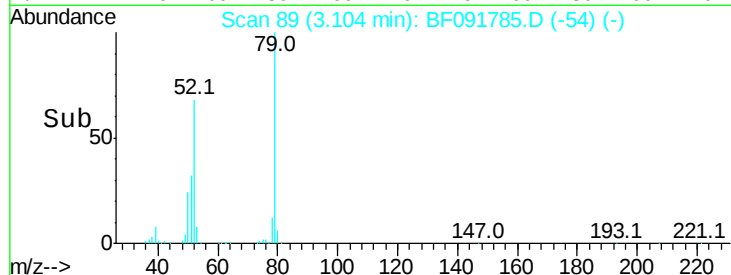
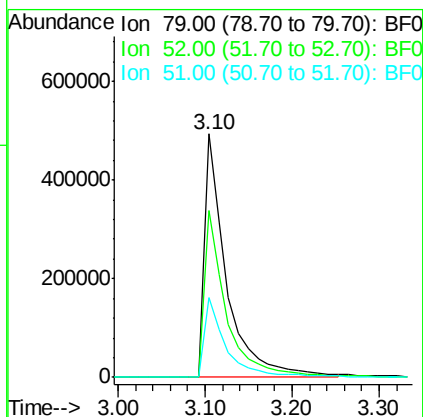
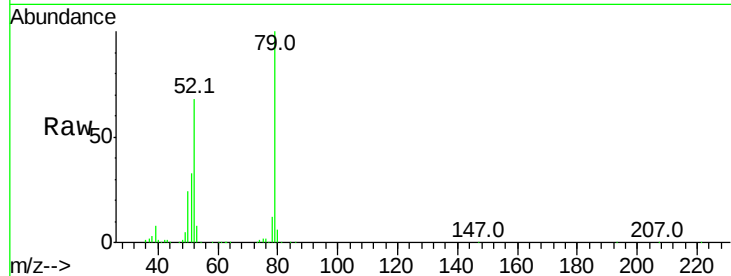
ClientSampleId :

PB95441BSD

Tot Ion:	79	Resp:	866287
Ion Ratio	Lower	Upper	
79	100		
52	68.4	57.1	85.7
51	32.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.97 ng

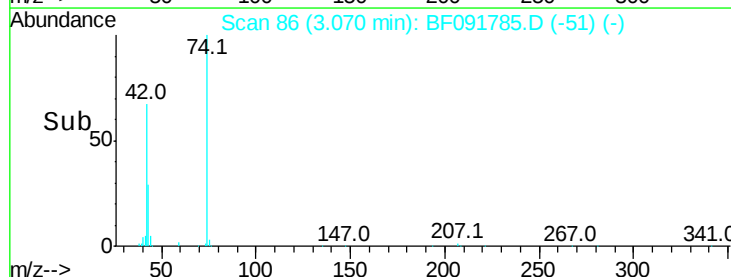
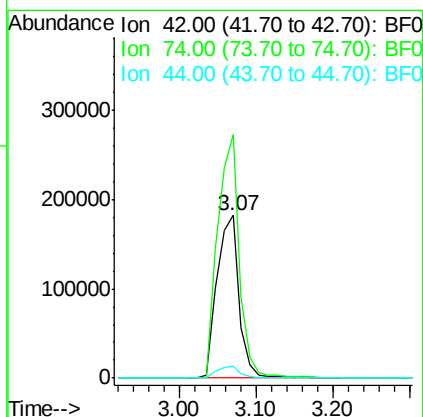
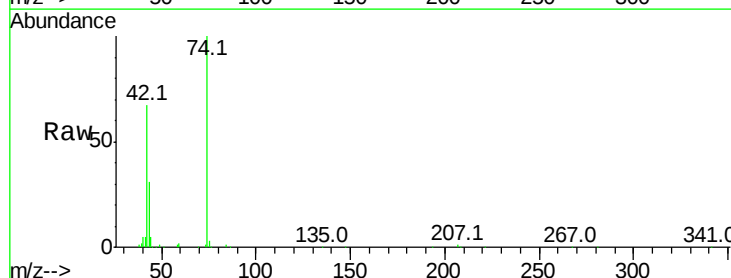
RT: 3.07 min Scan# 86

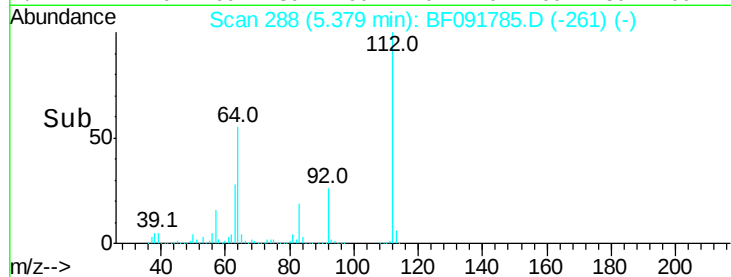
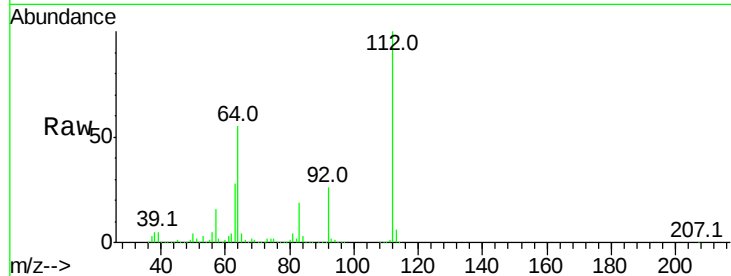
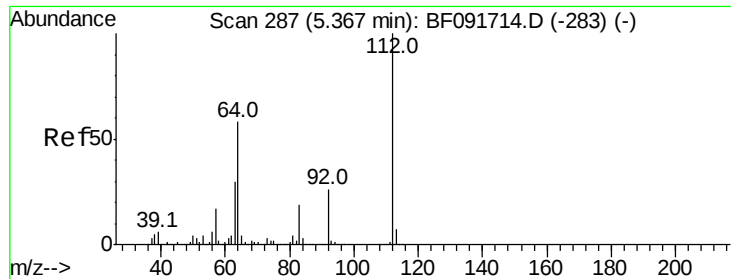
Delta R.T. 0.10 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion:	42	Resp:	363778
Ion Ratio	Lower	Upper	
42	100		
74	149.7	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 125.60 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion:112 Resp: 1861796

Ion Ratio Lower Upper

112 100

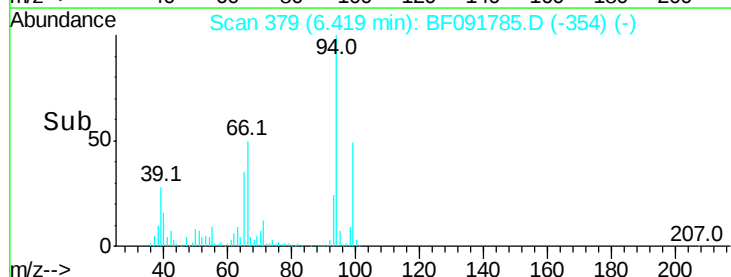
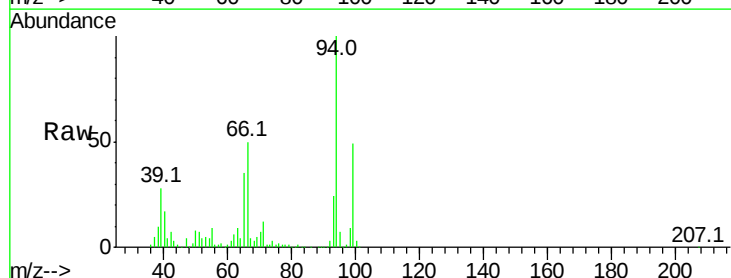
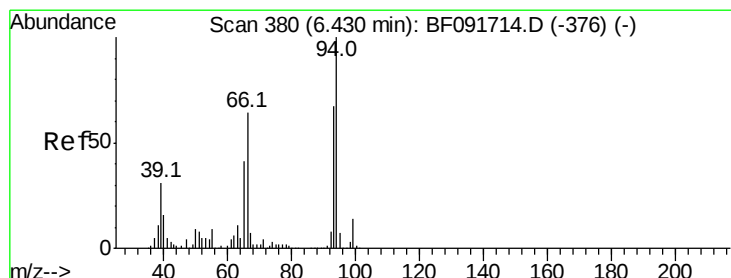
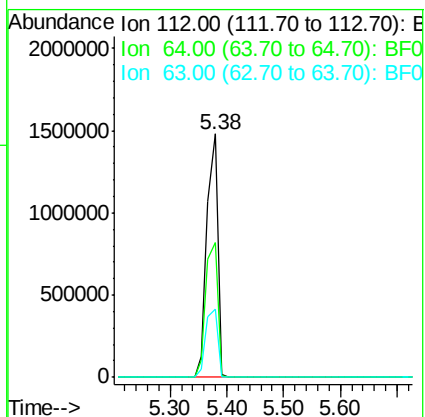
64 55.2 46.1 69.1

63 28.1 23.8 35.6

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#6

Aniline

Concen: 11.07 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

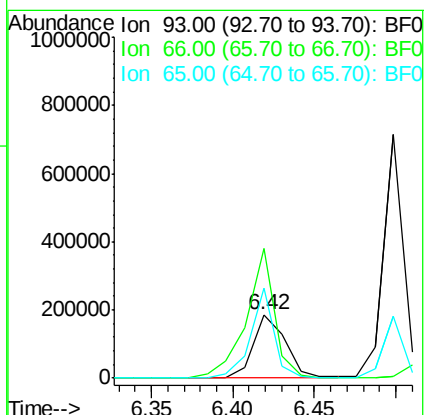
Tgt Ion: 93 Resp: 257534

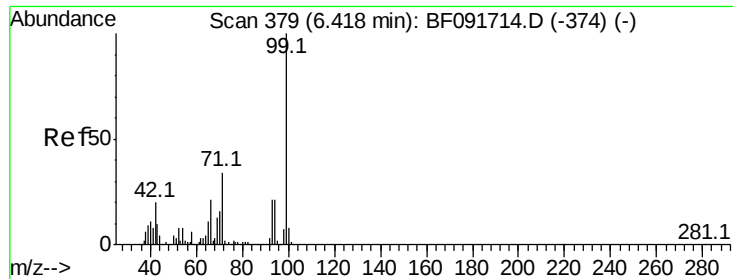
Ion Ratio Lower Upper

93 100

66 205.4 76.2 114.2#

65 142.9 49.3 73.9#





#7

Phenol-d6

Concen: 116.30 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2102452

Ion Ratio Lower Upper

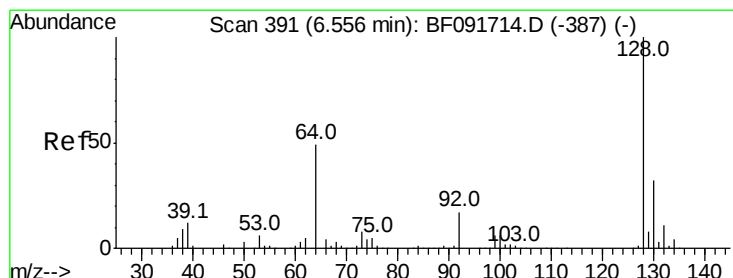
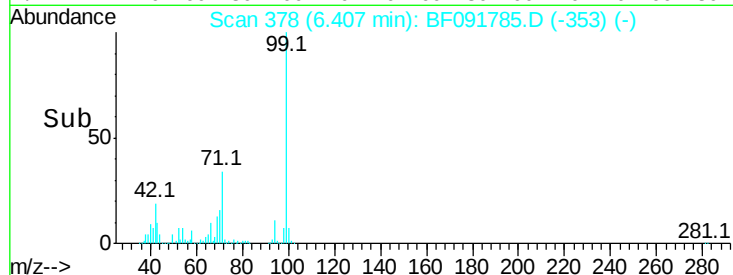
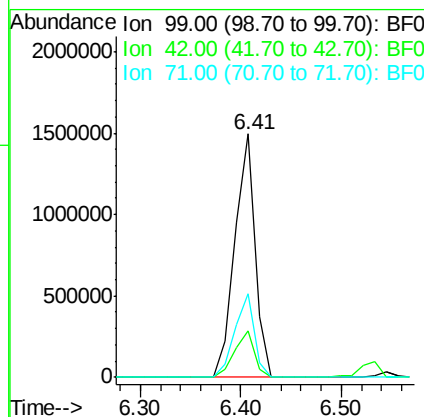
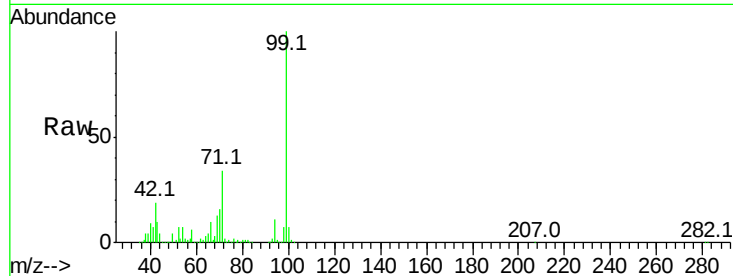
99 100

42 19.2 15.6 23.4

71 34.4 27.5 41.3

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#8

2-Chlorophenol

Concen: 37.97 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

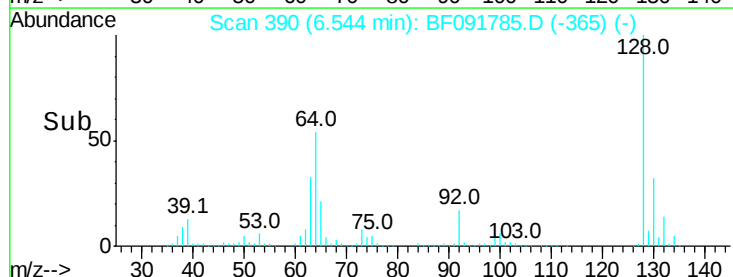
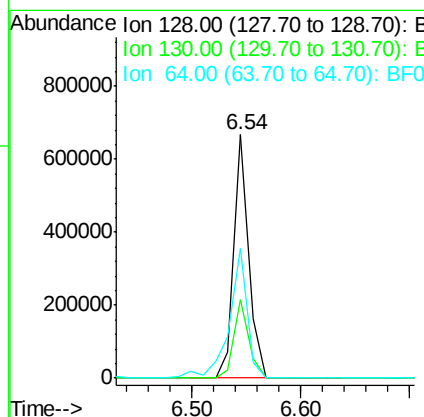
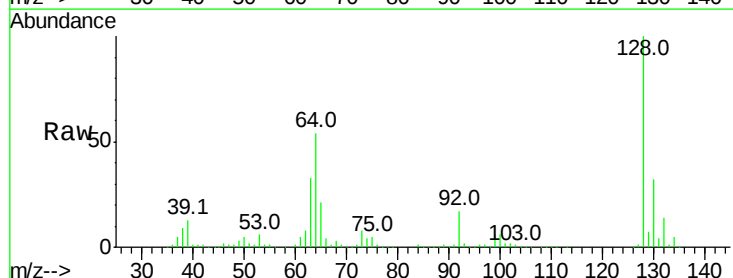
Tgt Ion: 128 Resp: 619454

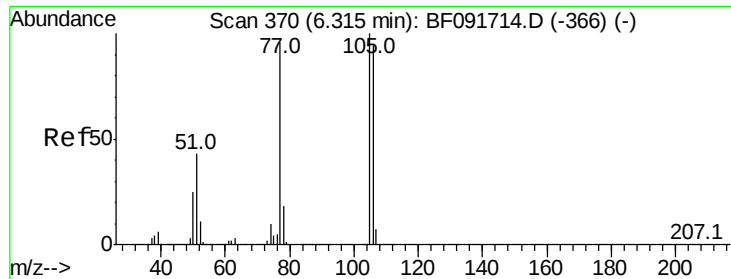
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 53.5 32.2 72.2





#9

Benzaldehyde

Concen: 6.31 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

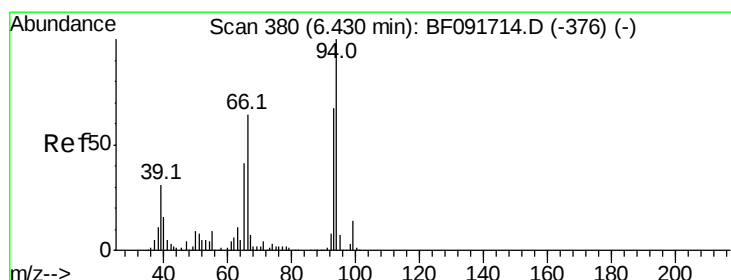
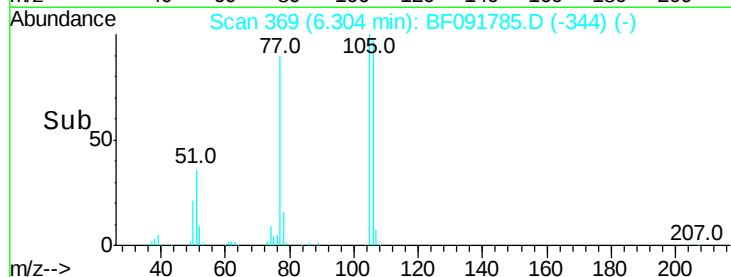
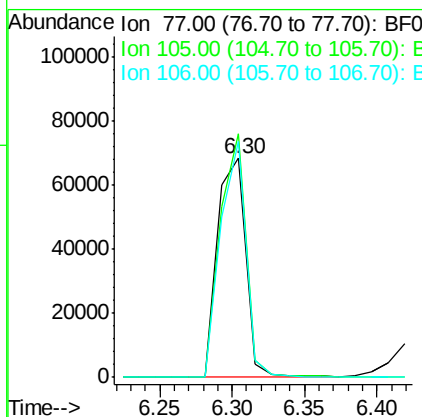
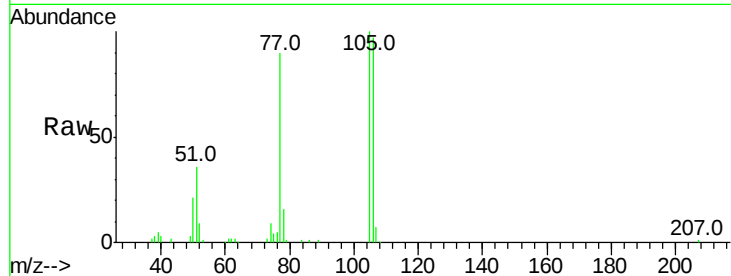
ClientSampleId :

PB95441BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.3	83.9	123.9
106	108.0	77.6	117.6

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#10

Phenol

Concen: 34.65 ng

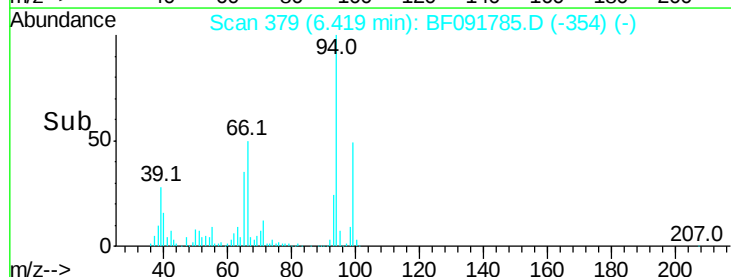
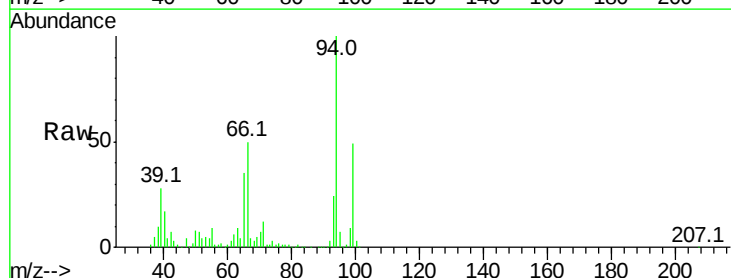
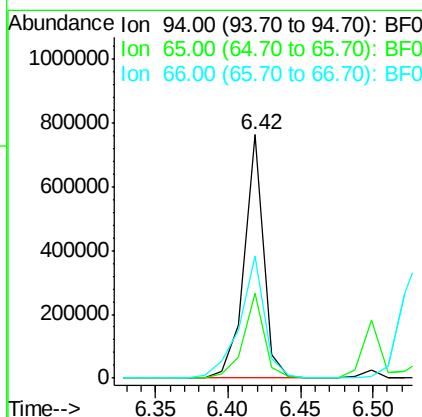
RT: 6.42 min Scan# 379

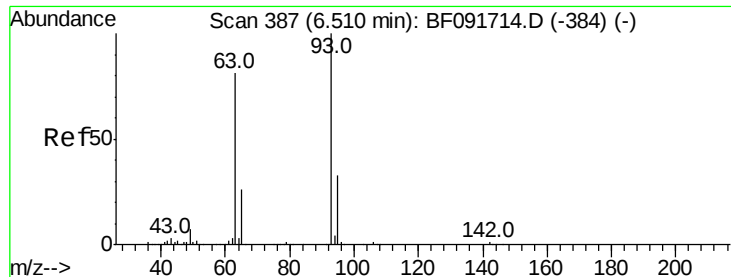
Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	21.4	61.4
66	49.9	44.0	84.0





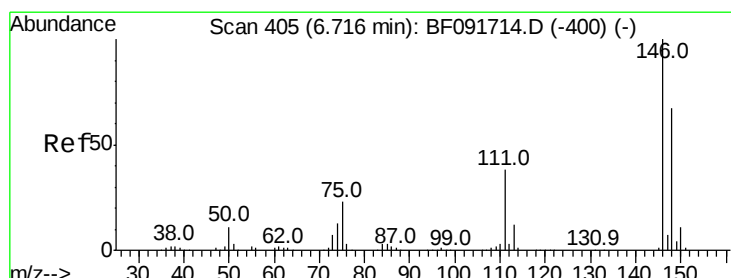
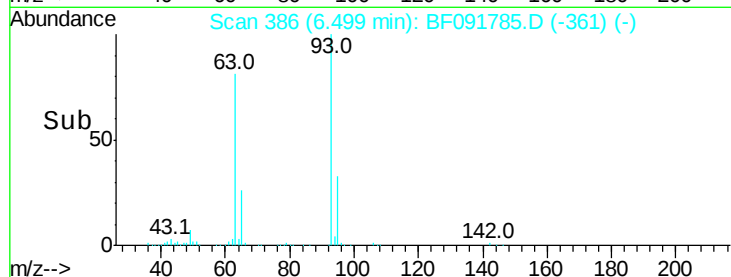
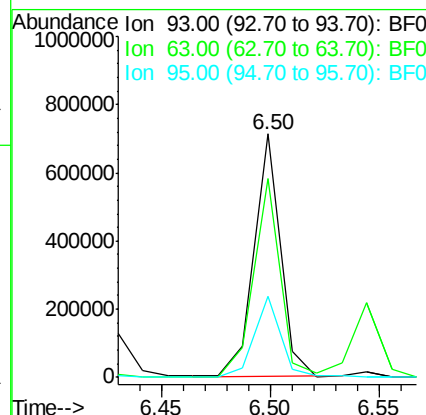
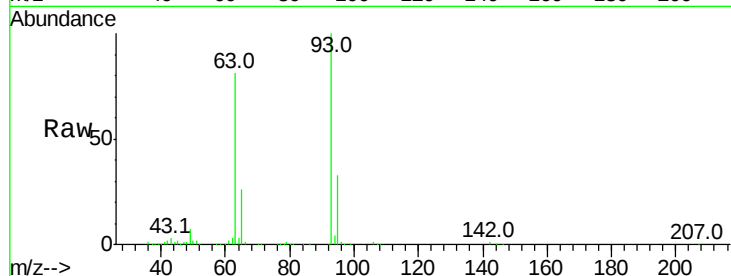
#11
bis(2-Chloroethyl)ether
Concen: 36.88 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	600242		
63	81.5	60.4	100.4	
95	33.3	12.8	52.8	

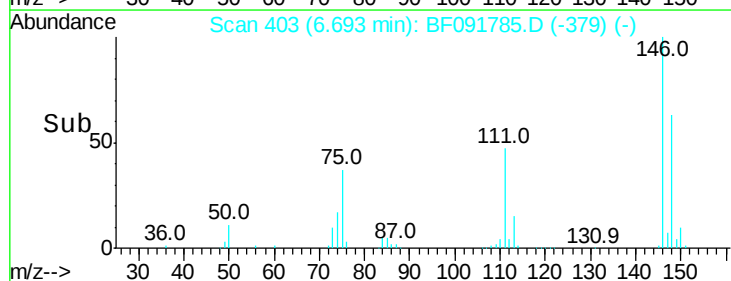
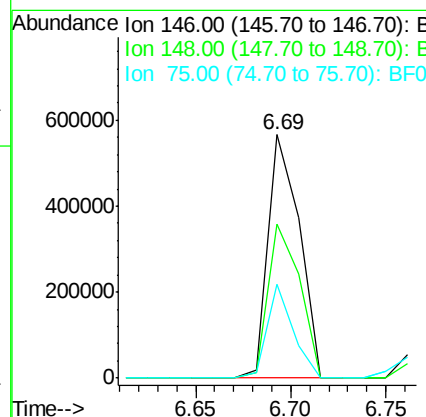
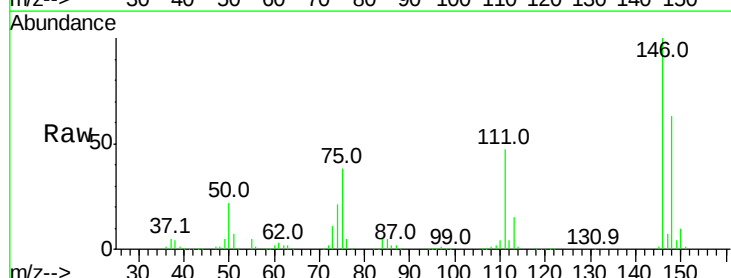
Manual Integrations
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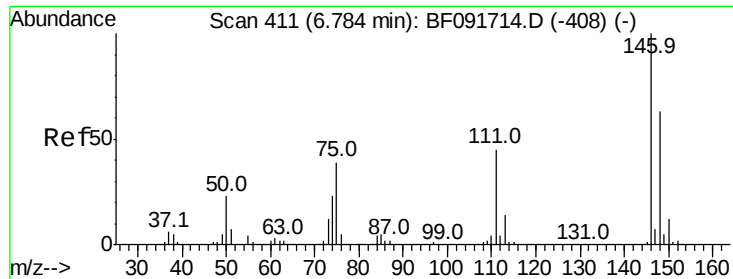
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#12
1,3-Dichlorobenzene
Concen: 36.79 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	659224		
148	63.1	53.4	80.0	
75	38.4	18.5	27.7#	





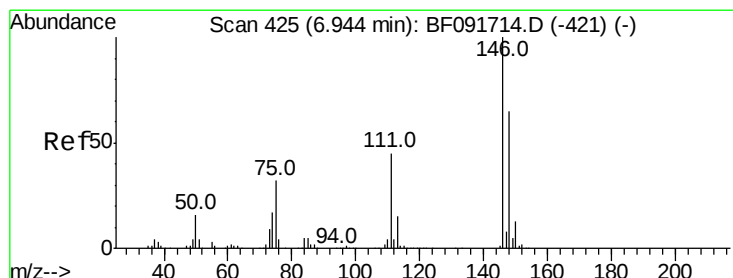
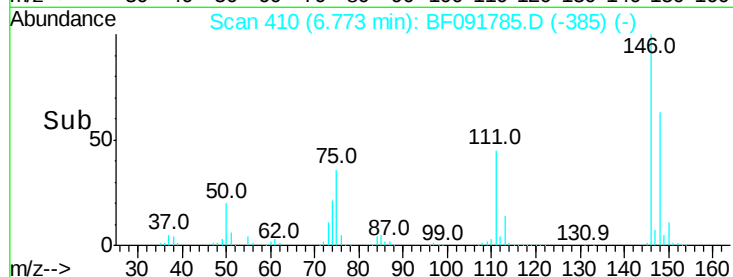
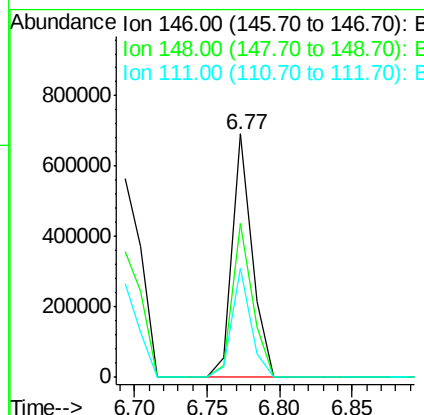
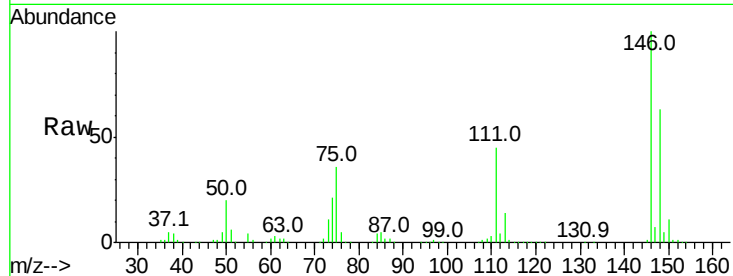
#13
 1,4-Dichlorobenzene
 Concen: 36.54 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	44.9	36.2	54.4

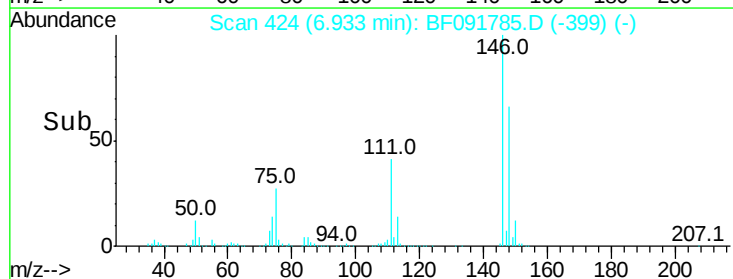
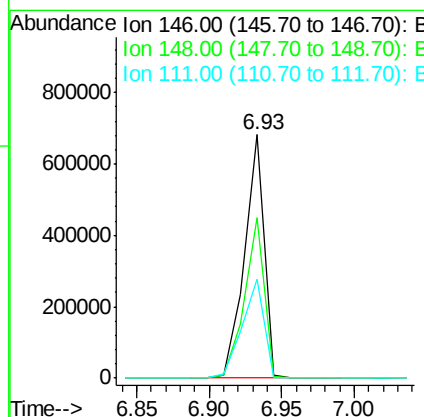
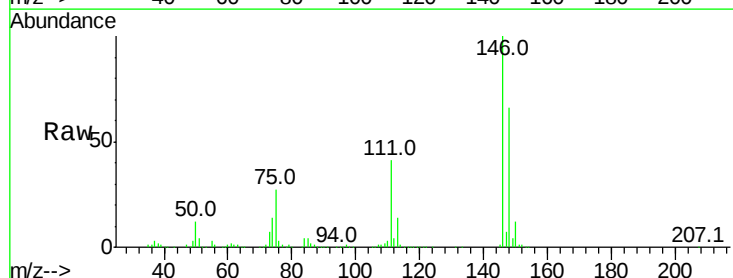
Manual Integrations
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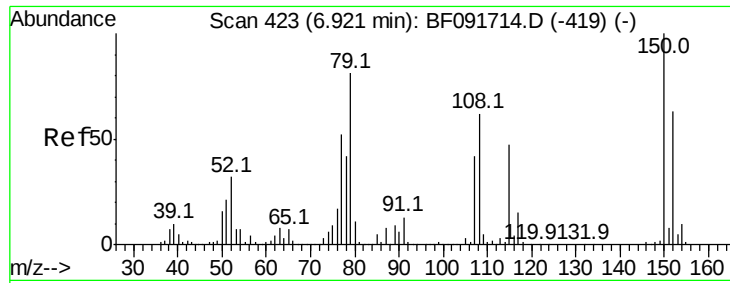
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#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.2
111	40.5	36.2	54.2





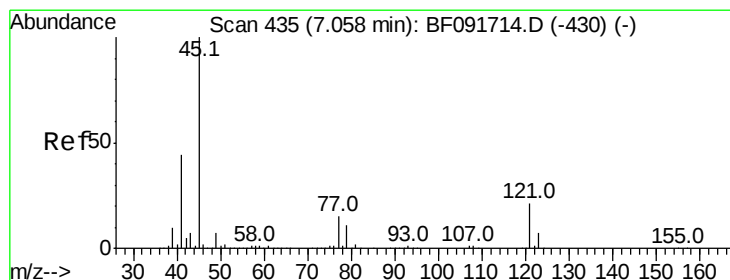
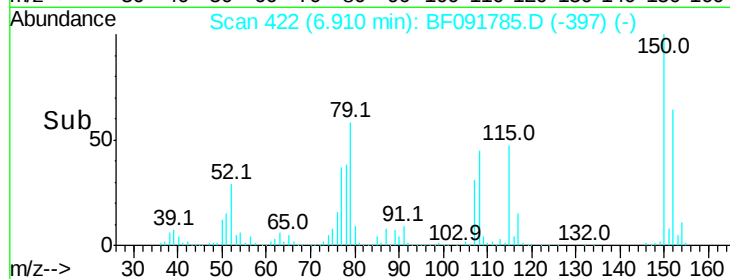
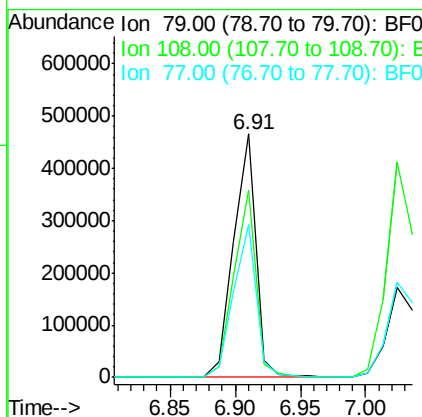
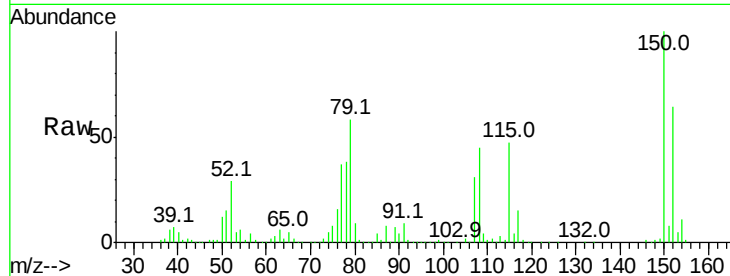
#15
Benzyl Alcohol
Concen: 39.35 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.4	92.0
77	63.0	50.9	76.3

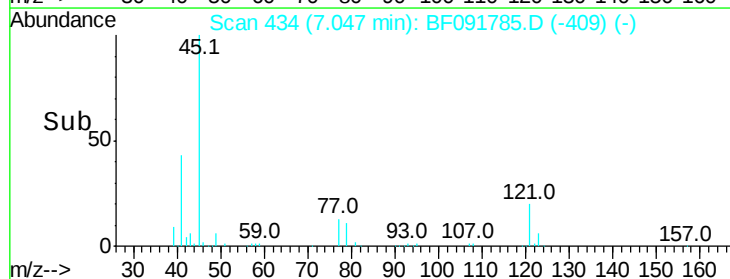
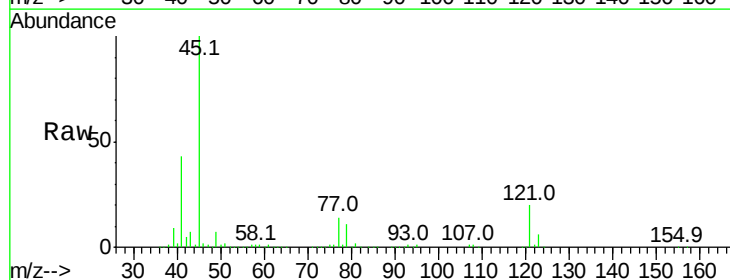
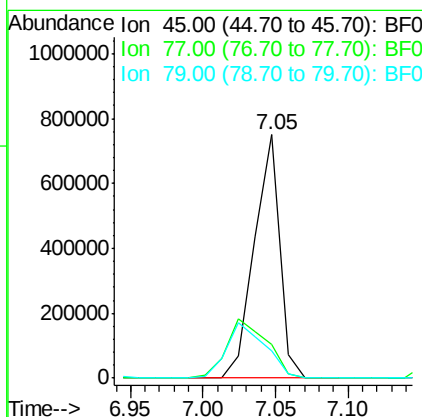
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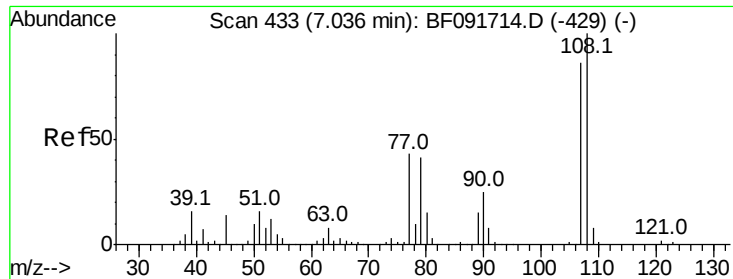
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.66 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	34.6
79	11.4	0.0	31.2





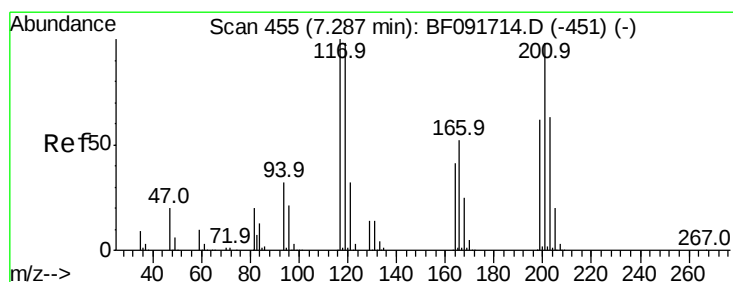
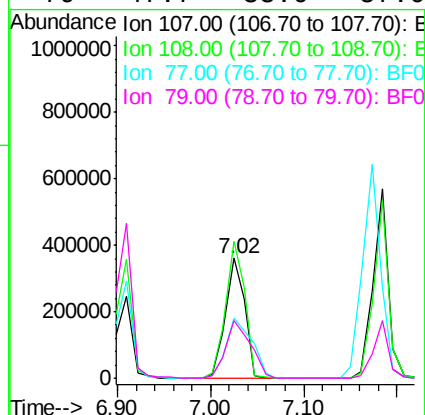
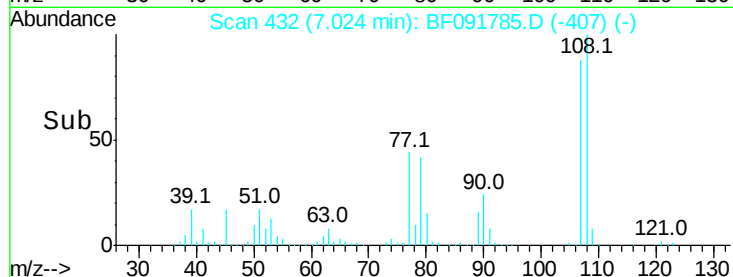
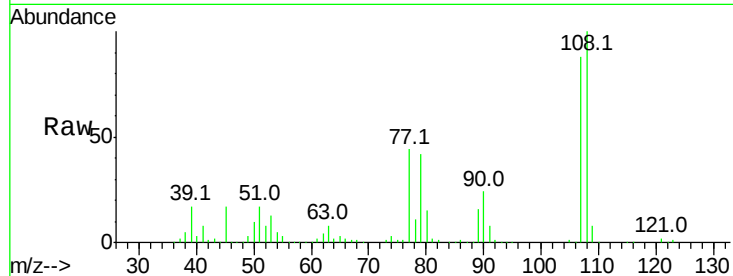
#17
2-Methylphenol
Concen: 37.97 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion:	107	Resp:	517661
Ion Ratio	Lower	Upper	
107	100		
108	114.2	93.0	139.6
77	50.1	39.8	59.8
79	47.7	38.0	57.0

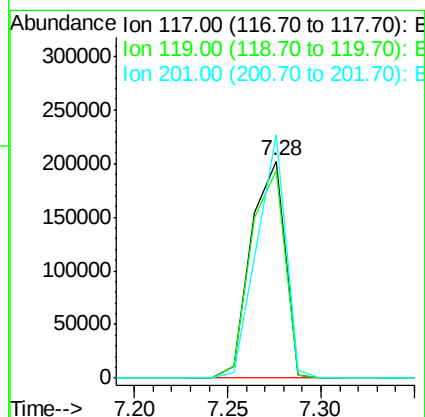
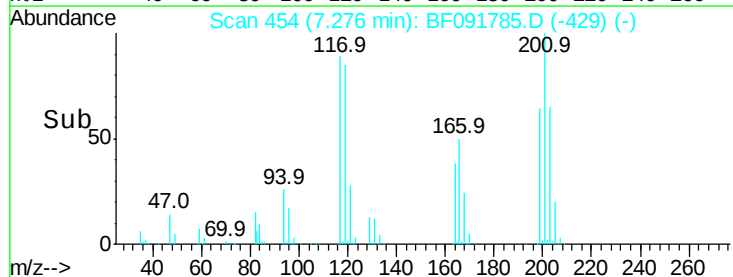
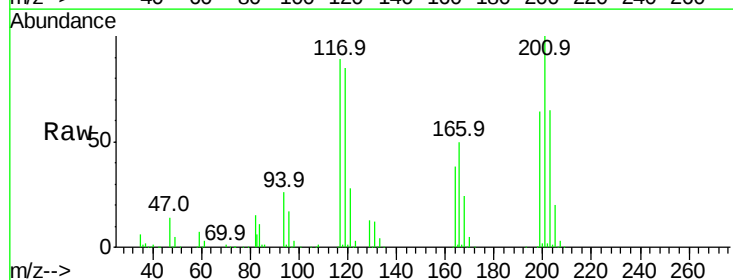
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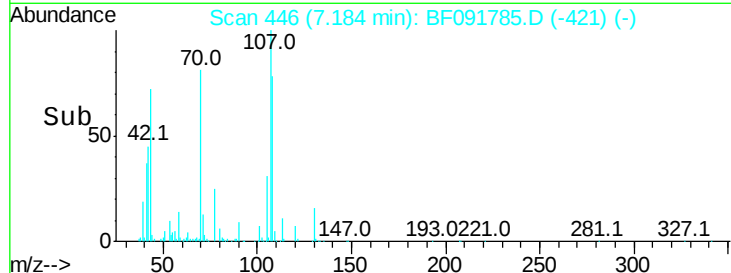
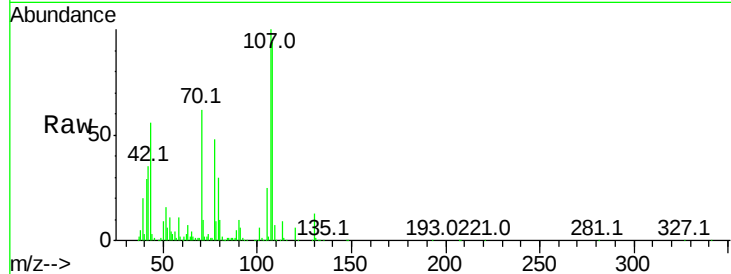
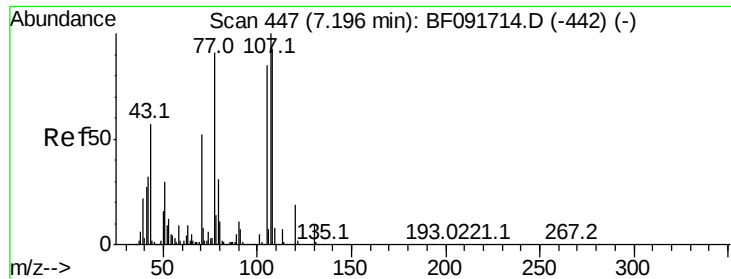
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#18
Hexachloroethane
Concen: 37.77 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion:	117	Resp:	254384
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.1	117.1
201	112.2	78.6	117.8





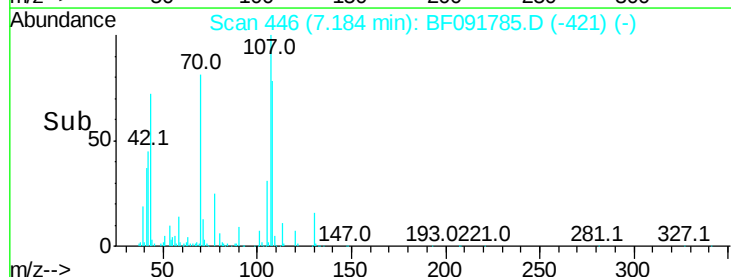
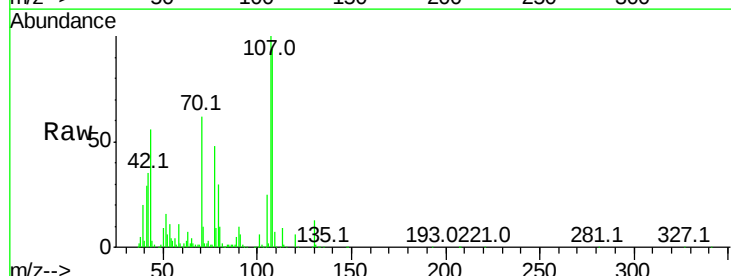
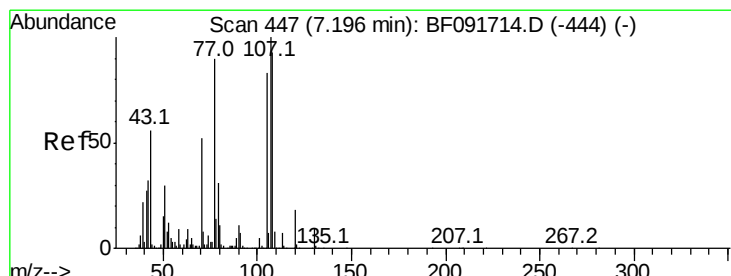
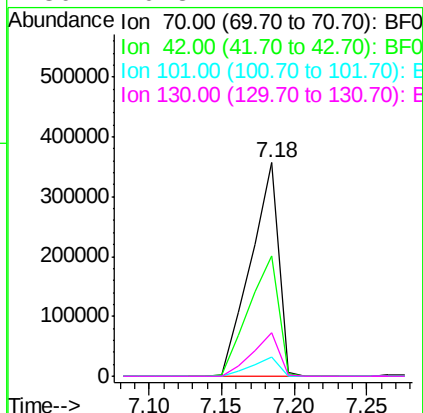
#19
n-Nitroso-di-n-propylamine
Concen: 39.64 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Manual Integrations
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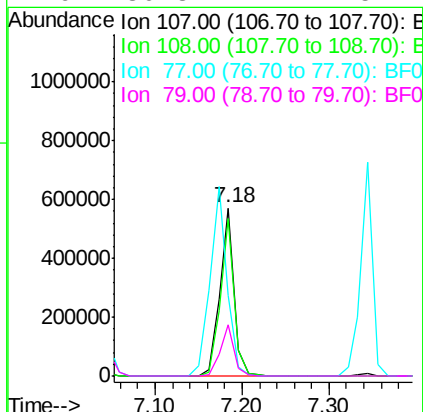
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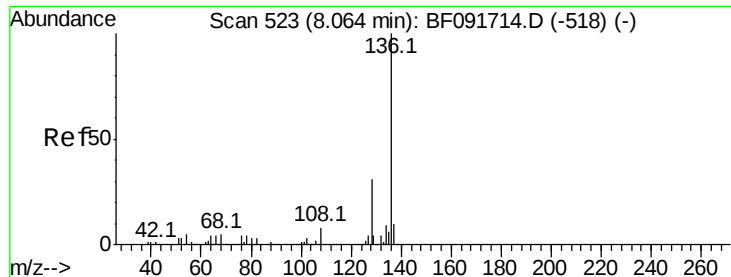
Tot Ion	70	Resp	476701
Ion Ratio	Lower	Upper	
70	100		
42	56.5	49.4	74.0
101	9.2	7.4	11.2
130	20.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.07 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	107	Resp	655079
Ion Ratio	Lower	Upper	
107	100		
108	93.7	73.0	113.0
77	47.8	71.3	111.3#
79	30.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

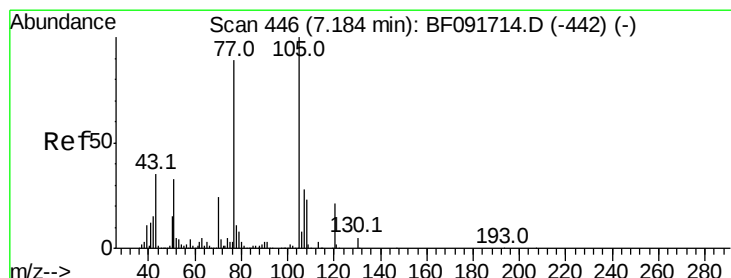
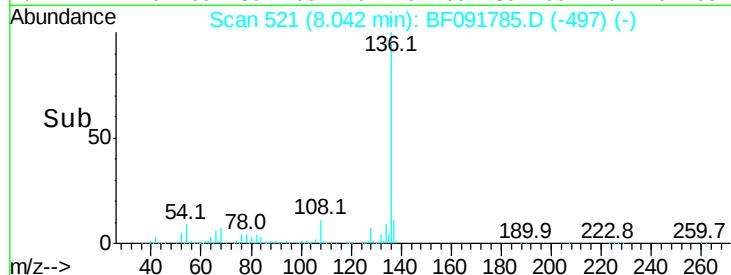
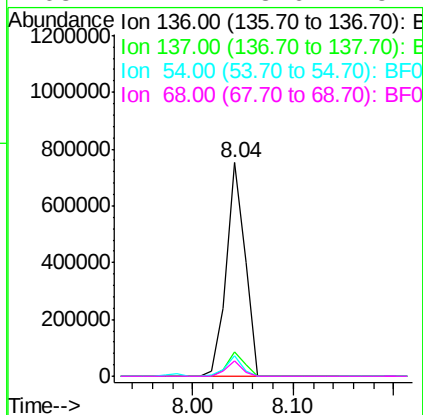
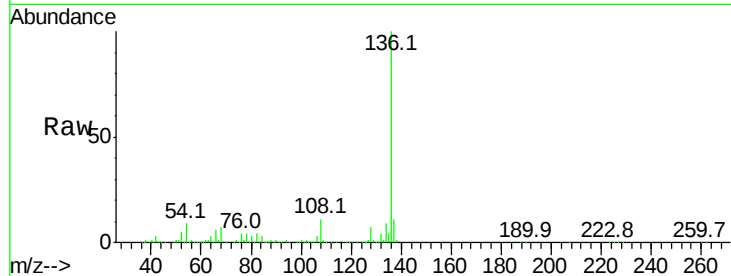
ClientSampleId :

PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.4	12.6	
54	9.4	4.5	6.7#	
68	7.1	3.6	5.4#	

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#22

Acetophenone

Concen: 37.78 ng

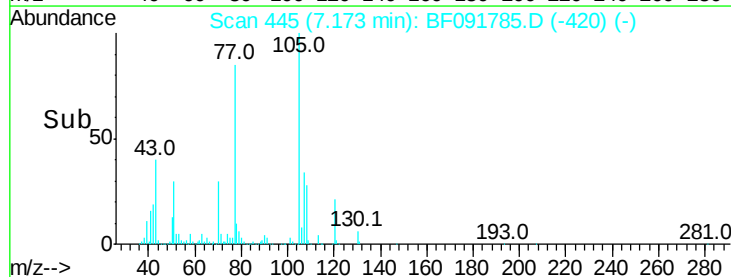
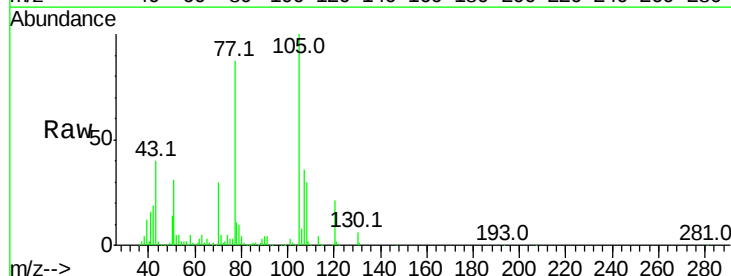
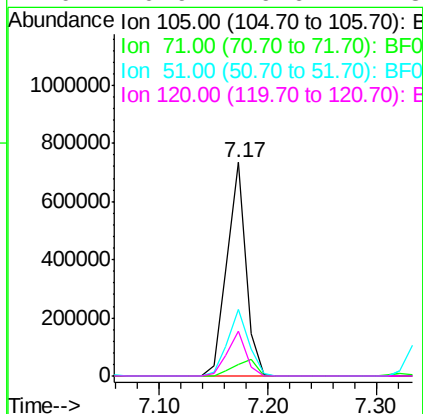
RT: 7.17 min Scan# 445

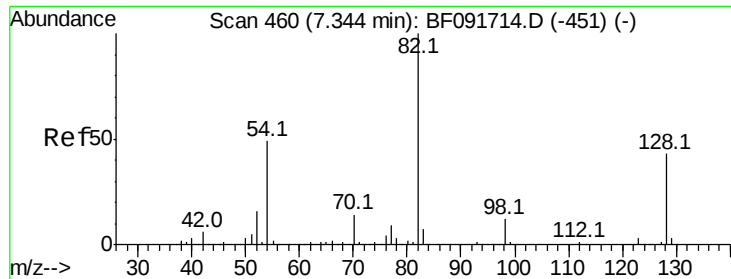
Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	3.2	4.8#	
51	31.2	26.2	39.4	
120	20.9	16.6	24.8	





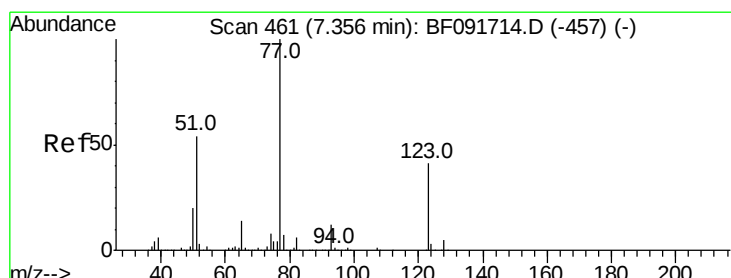
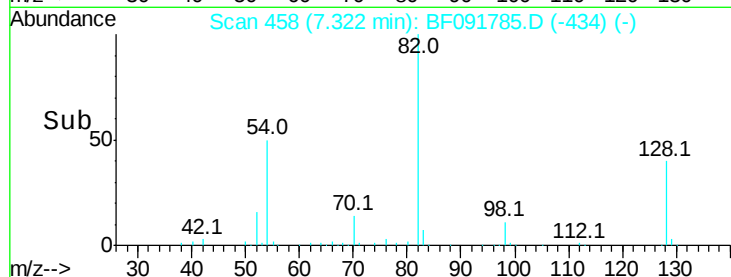
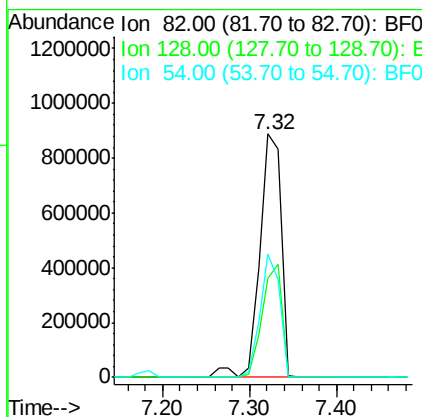
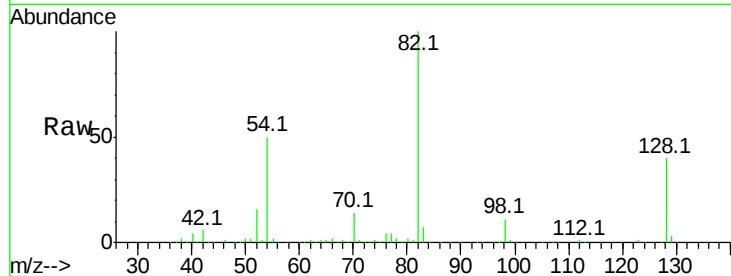
#23
 Nitrobenzene-d5
 Concen: 91.41 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	50.5	39.5	59.3

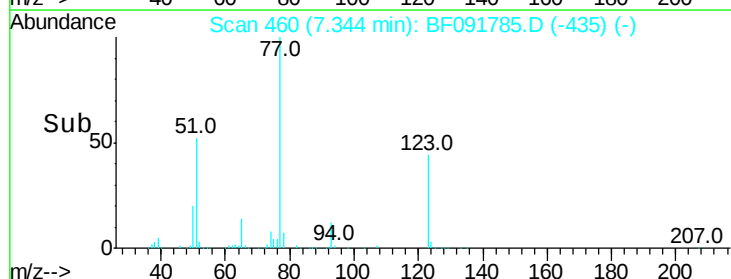
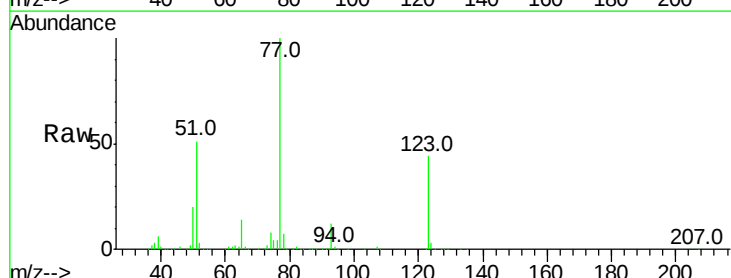
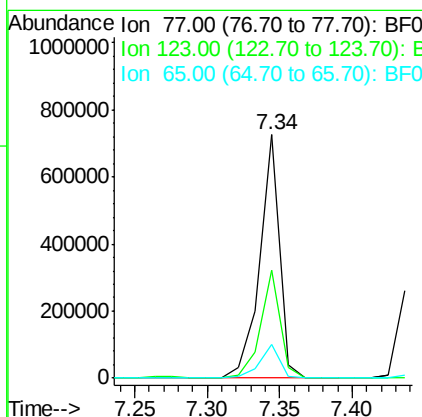
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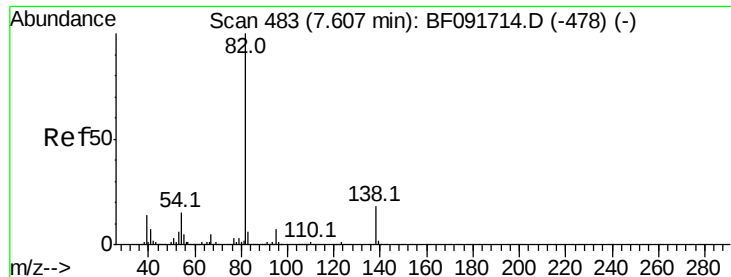
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#24
 Nitrobenzene
 Concen: 38.13 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 39.01 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion: 82 Resp: 1248132

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

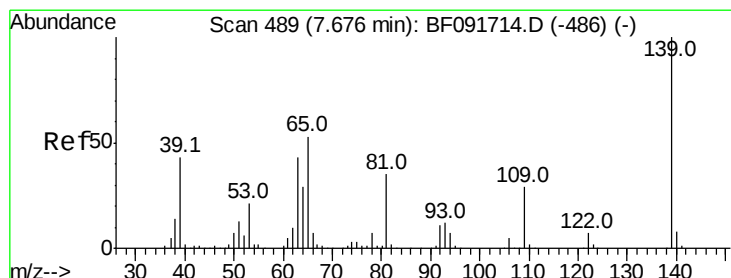
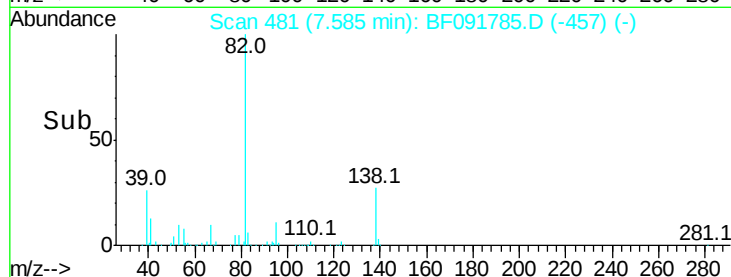
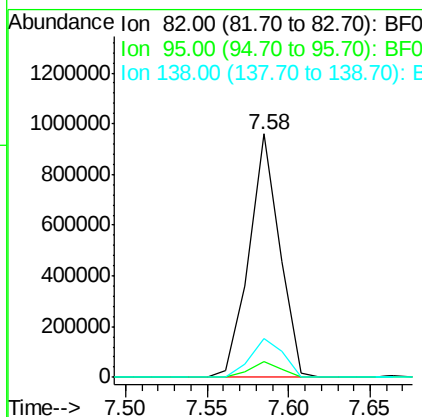
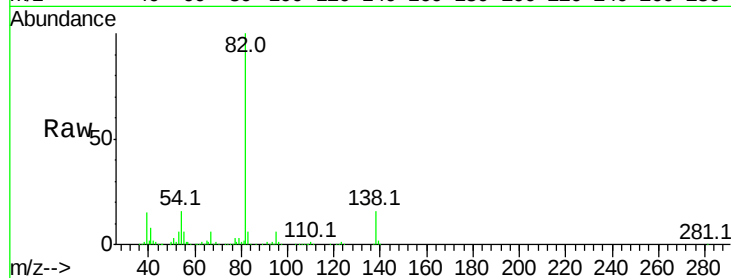
138 15.8 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.32 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

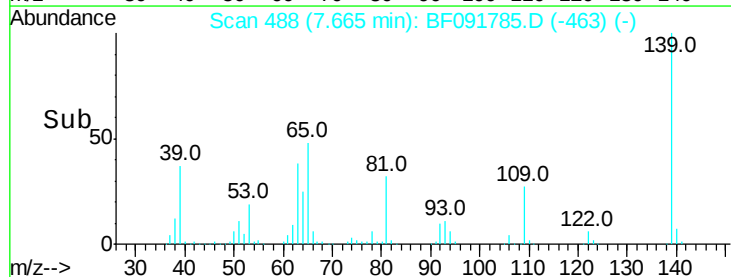
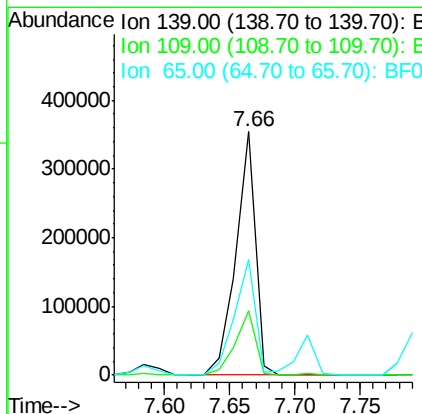
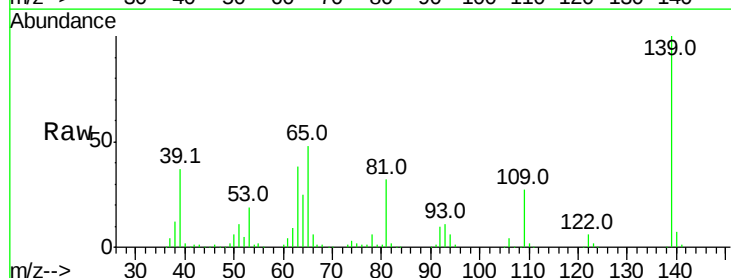
Tgt Ion: 139 Resp: 367612

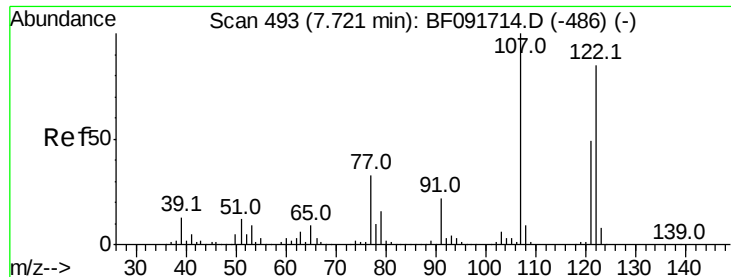
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 47.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.99 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

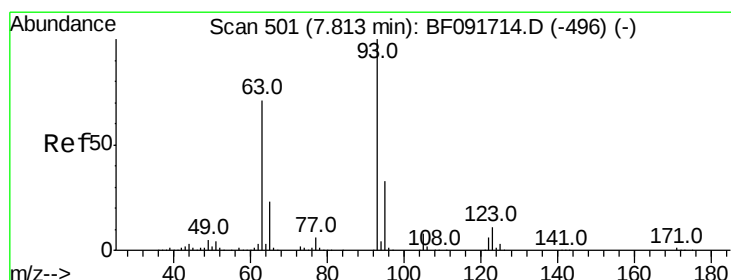
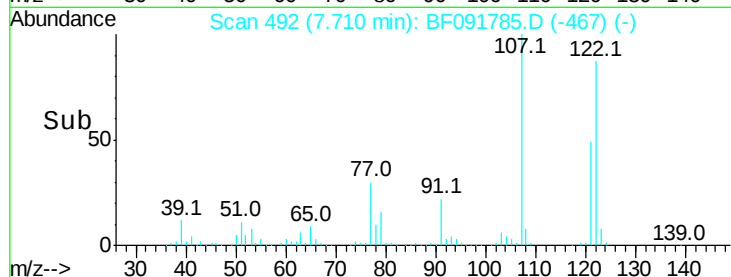
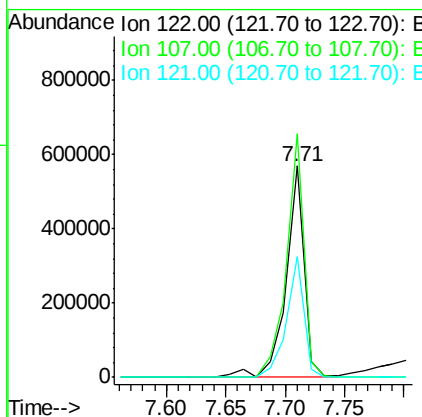
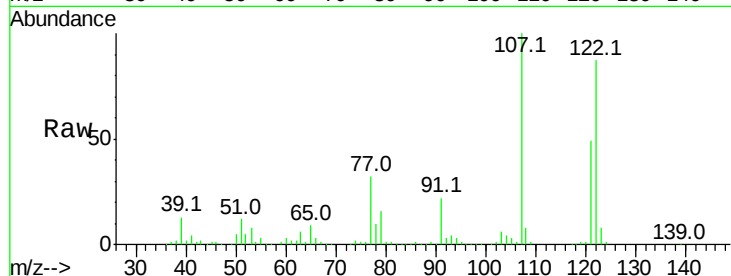
ClientSampleId :

PB95441BSD

Tot Ion:	122	Resp:	595056
Ion Ratio	Lower	Upper	
122	100		
107	115.4	94.1	141.1
121	57.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 42.29 ng

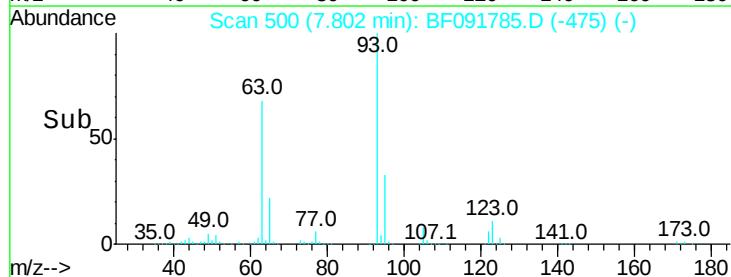
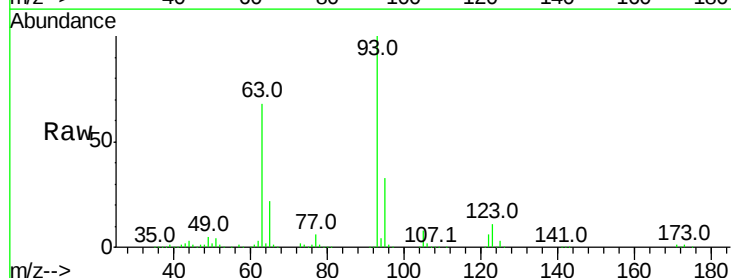
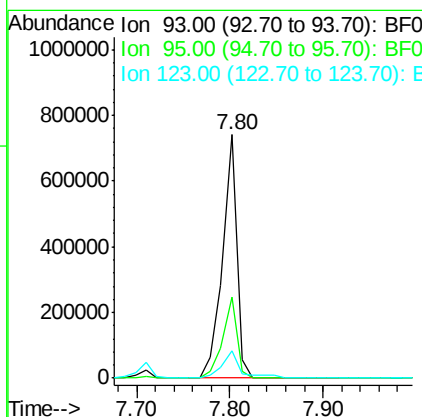
RT: 7.80 min Scan# 500

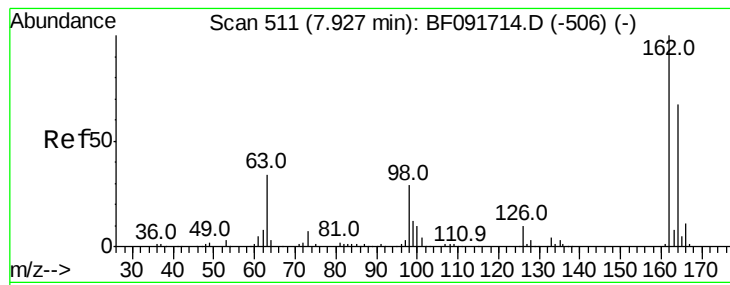
Delta R.T. -0.01 min

Lab File: BF091785.D

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Tgt Ion:	93	Resp:	791725
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	11.3	8.6	13.0





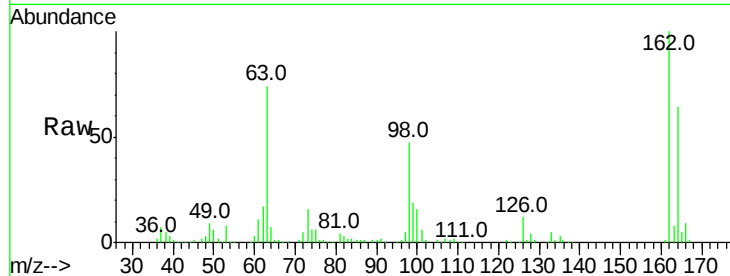
#29
 2,4-Dichlorophenol
 Concen: 38.72 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleID :
 PB95441BSD

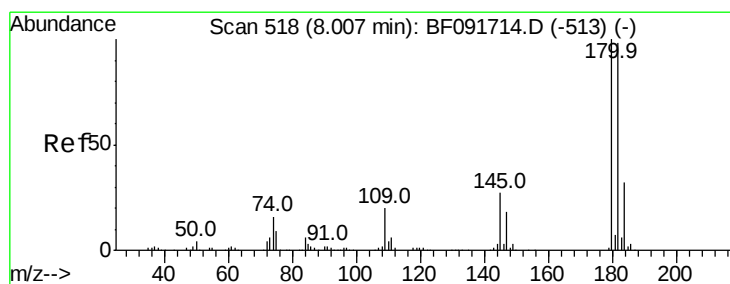
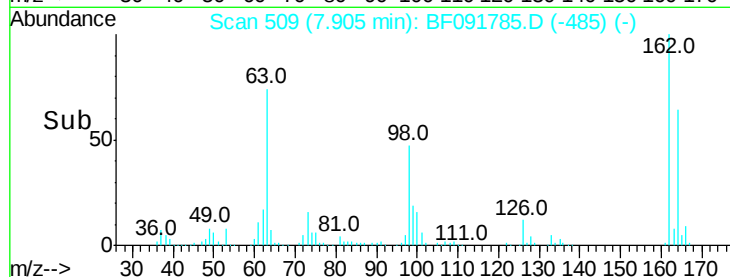
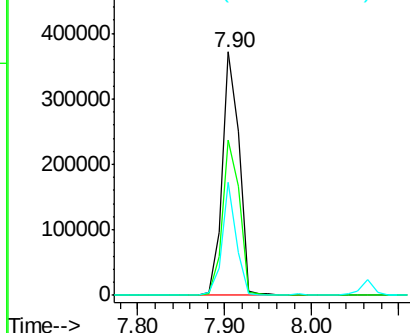
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	46.8	86.8	
98	46.5	9.1	49.1	

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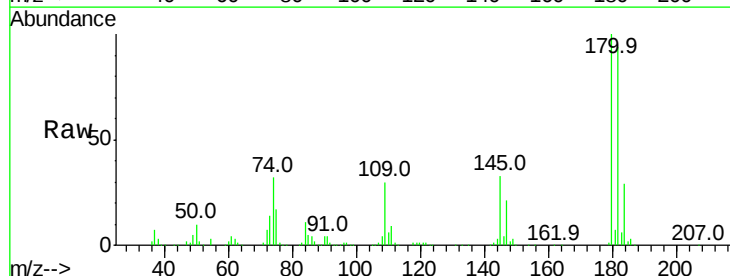


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

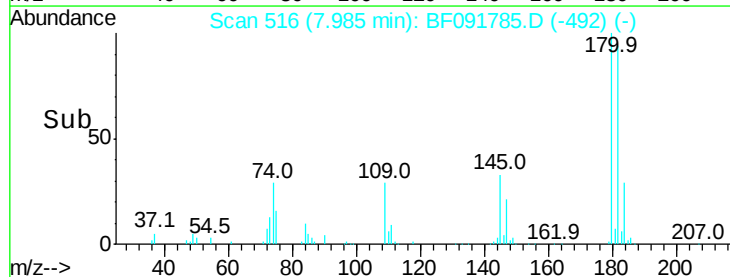
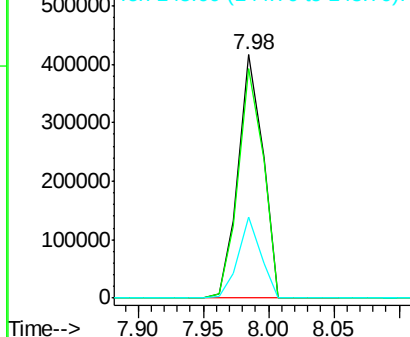


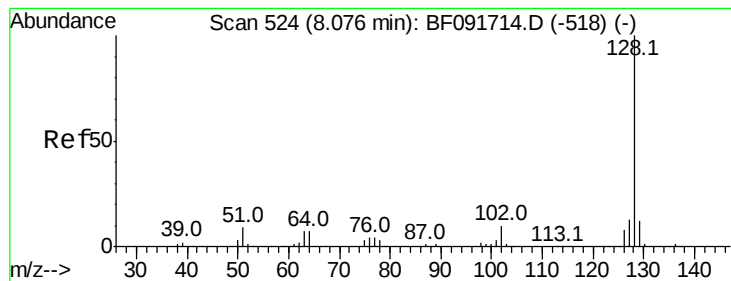
#30
 1,2,4-Trichlorobenzene
 Concen: 38.65 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	78.2	117.4	
145	33.2	21.6	32.4#	



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





#31

Naphthalene

Concen: 37.29 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion:128 Resp: 1722655

Ion Ratio Lower Upper

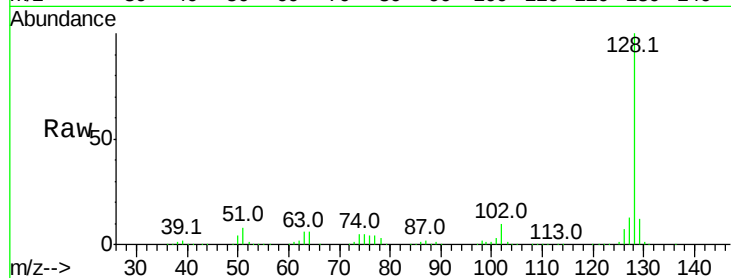
128 100

129 11.6 9.5 14.3

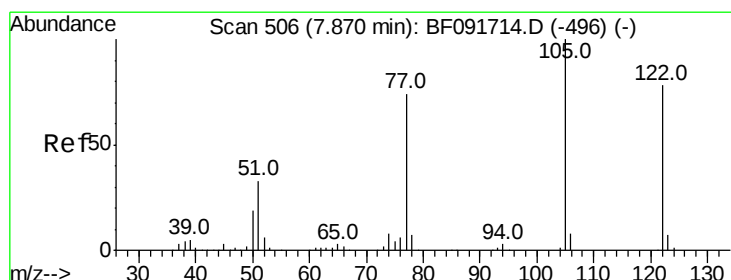
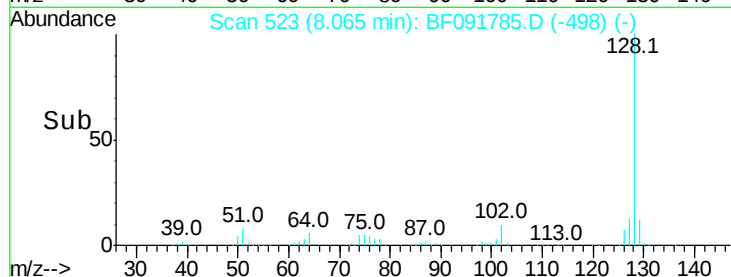
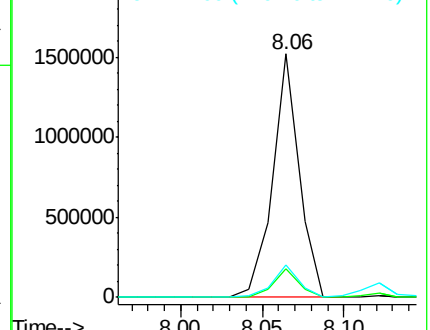
127 13.2 10.8 16.2

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



#32

Benzoic acid

Concen: 35.75 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

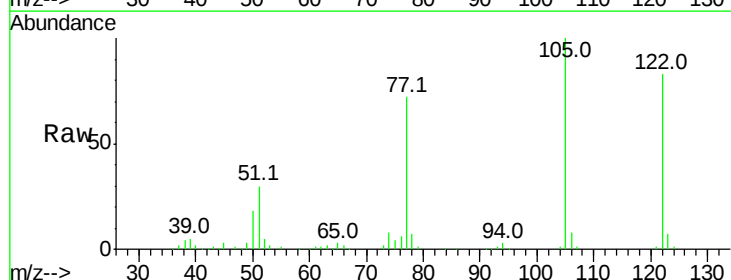
Tgt Ion:122 Resp: 361076

Ion Ratio Lower Upper

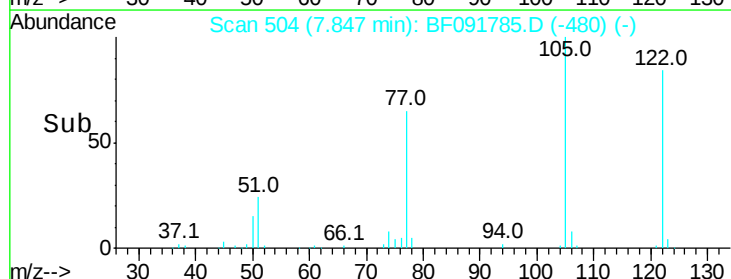
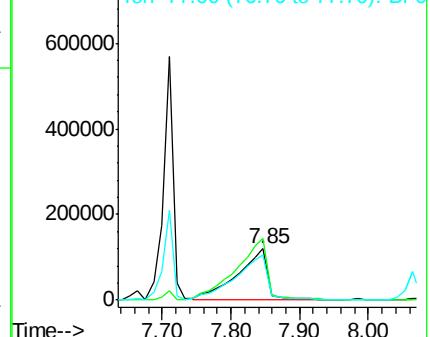
122 100

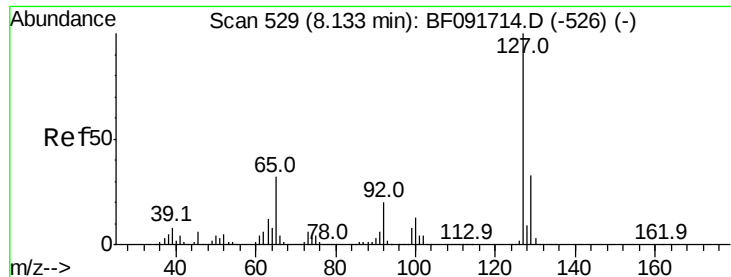
105 120.3 107.2 147.2

77 87.0 74.5 114.5



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





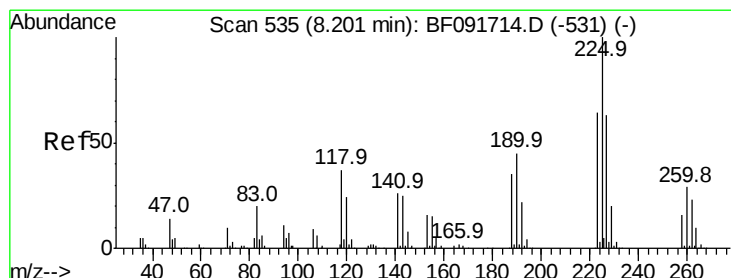
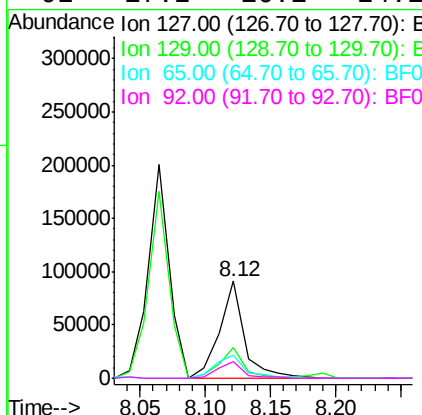
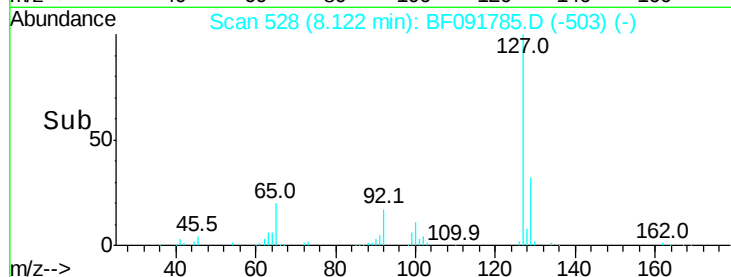
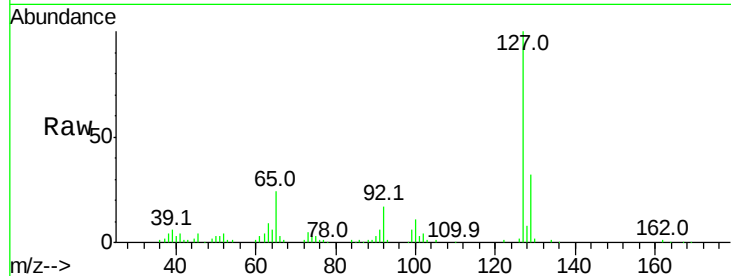
#33
4-Chloroaniline
Concen: 6.16 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	24.0	25.8	38.8		
92	17.2	16.1	24.1		

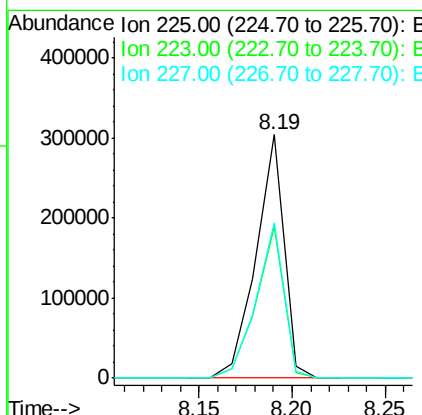
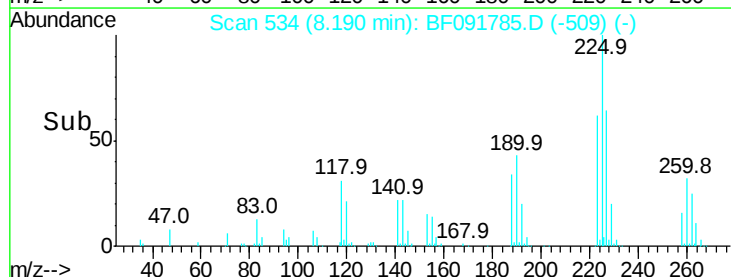
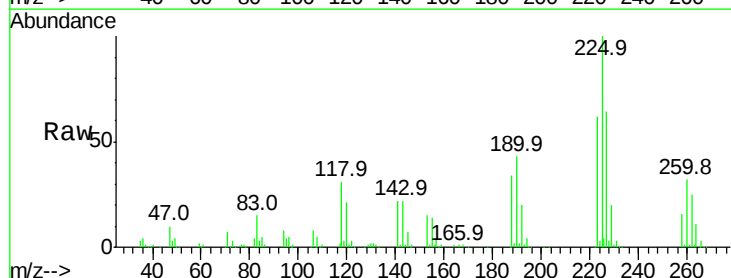
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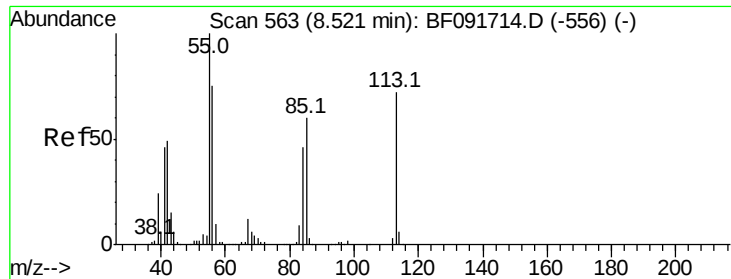
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#34
Hexachlorobutadiene
Concen: 39.77 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.0	76.6		
227	64.0	50.6	76.0		





#35

Caprolactam

Concen: 40.67 ng/ml

RT: 8.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

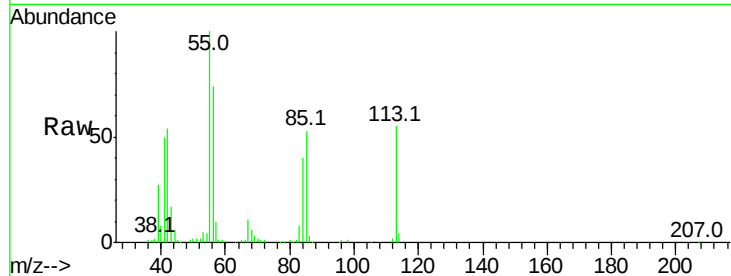
ClientSampleId :

PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	181.5	119.2	159.2#	
56	134.8	83.8	123.8#	

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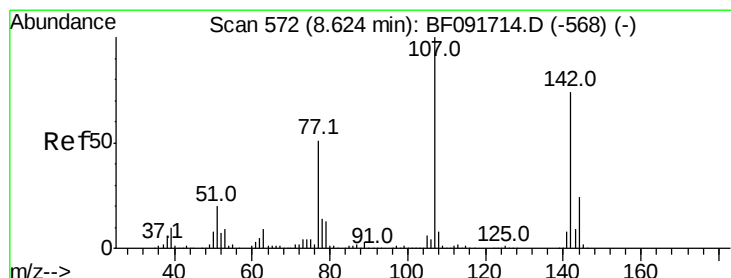
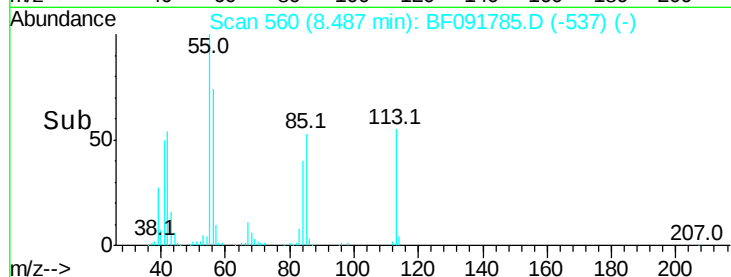
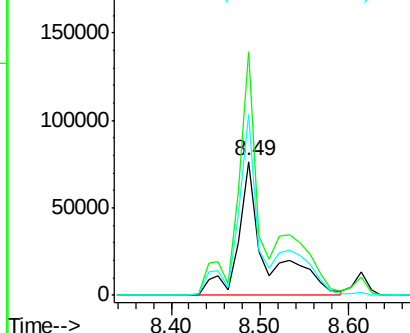
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.64 ng/ml

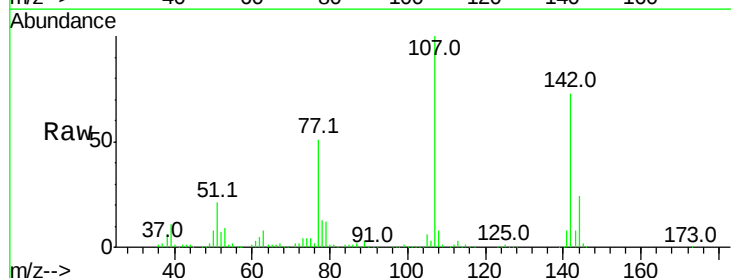
RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

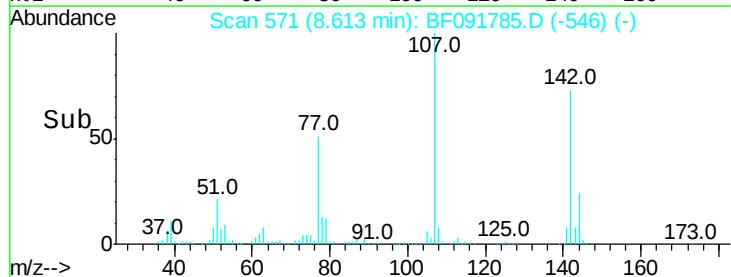
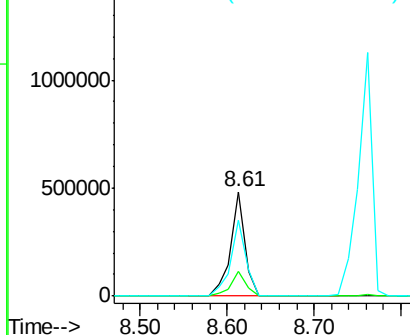
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.0	19.3	28.9	
142	73.1	59.0	88.6	

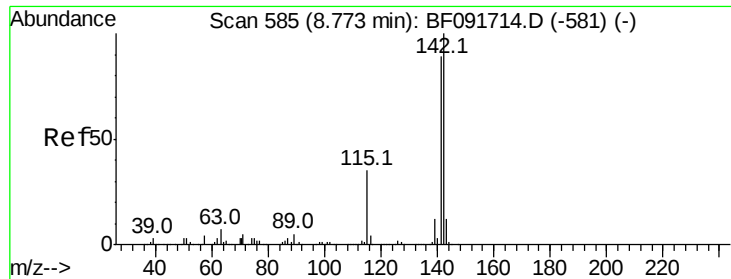


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.07 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

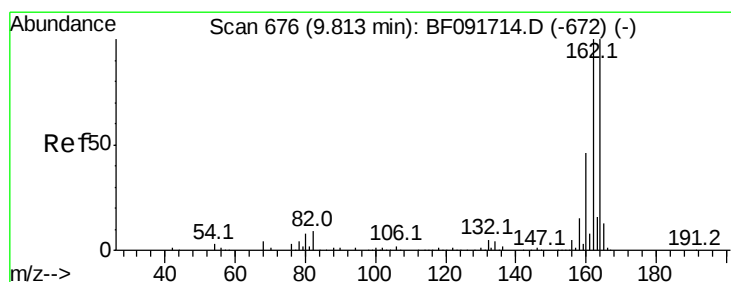
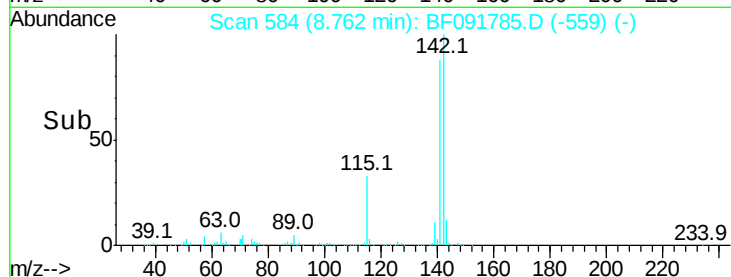
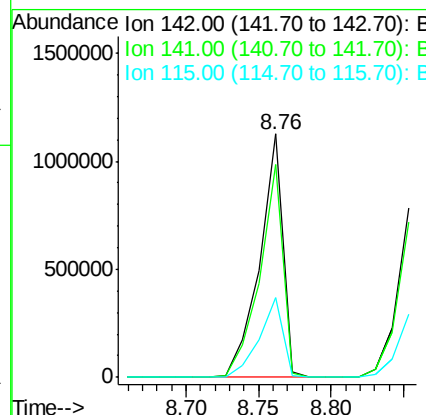
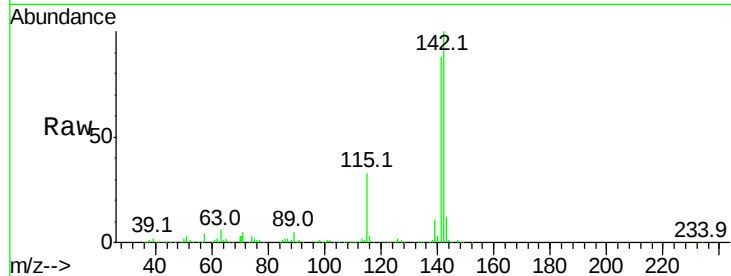
Instrument :
BNA_F

ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	32.8	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

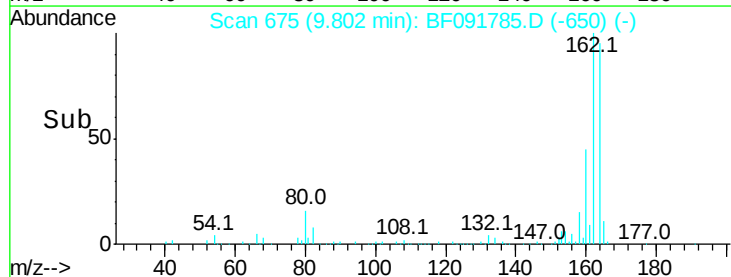
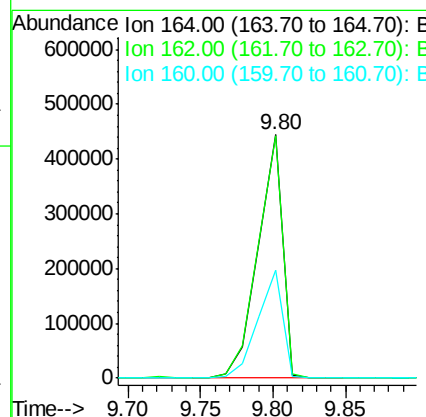
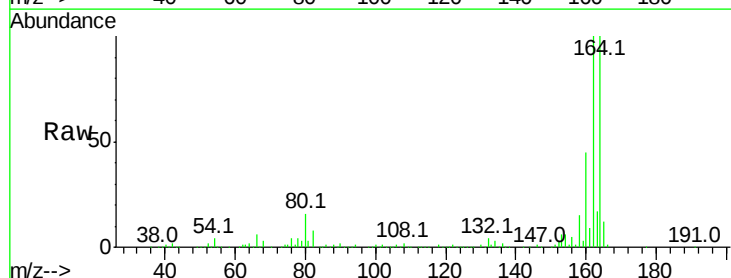
RT: 9.80 min Scan# 675

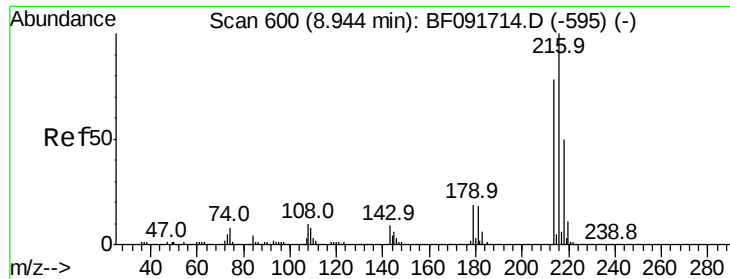
Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	44.6	36.9	55.3





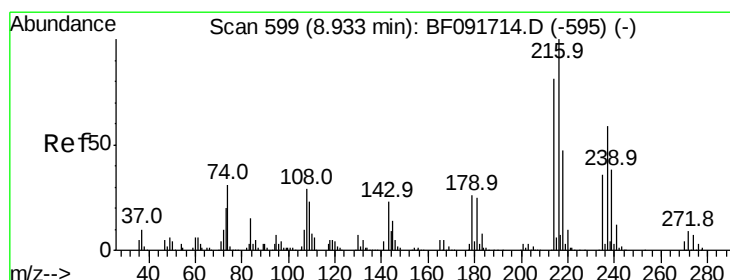
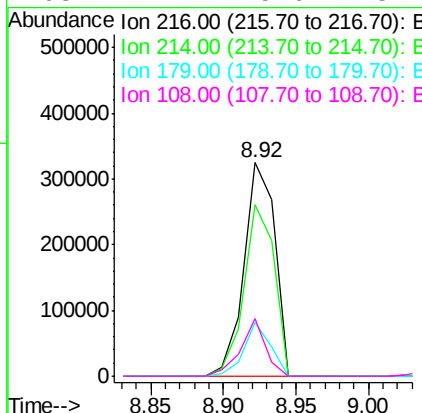
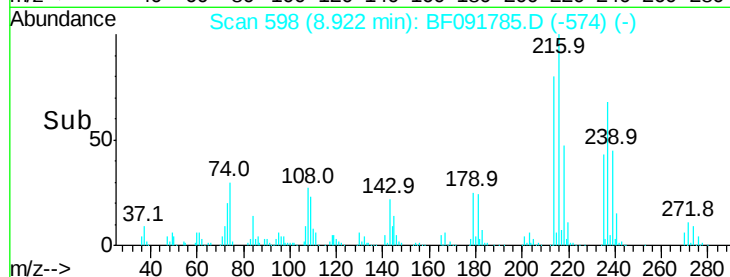
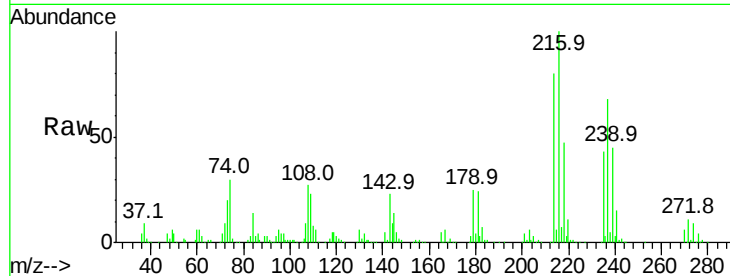
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.77 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	479850		
214	78.9	63.4	95.0	
179	21.9	17.4	26.2	
108	22.1	15.6	23.4	

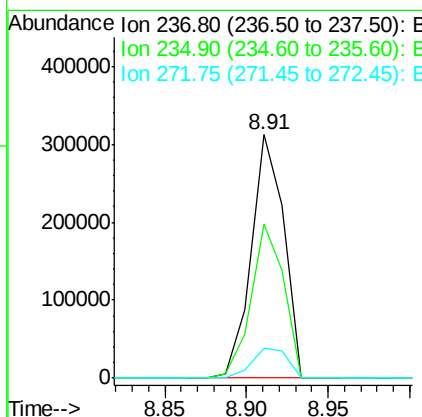
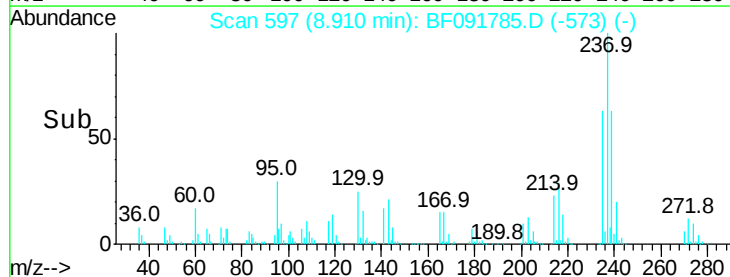
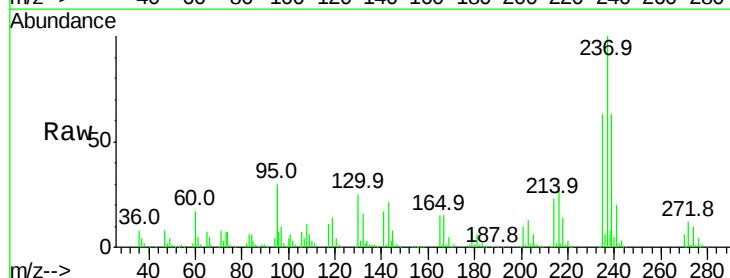
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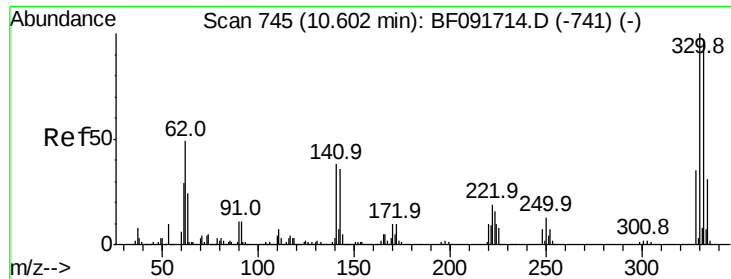
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#40
 Hexachlorocyclopentadiene
 Concen: 77.99 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	431402		
235	63.5	41.2	81.2	
272	12.1	0.0	35.4	





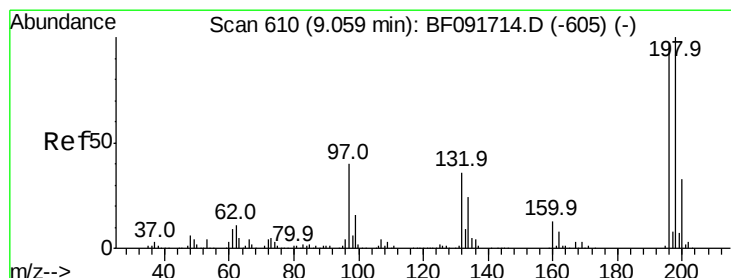
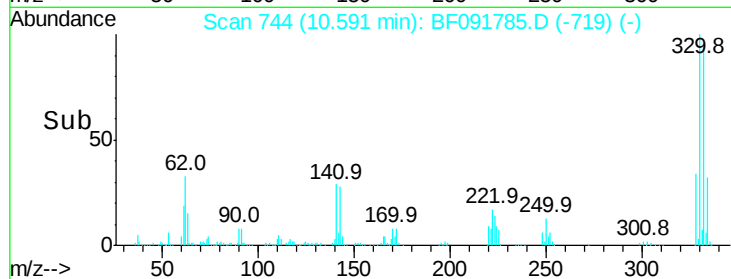
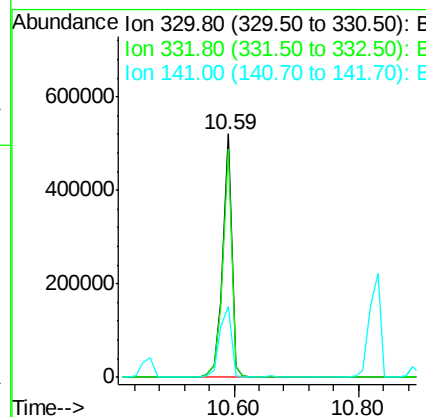
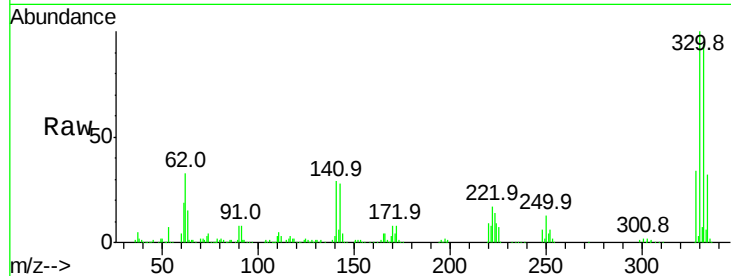
#41
 2,4,6-Tribromophenol
 Concen: 115.39 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.2	77.4	116.2	
141	38.1	34.1	51.1	

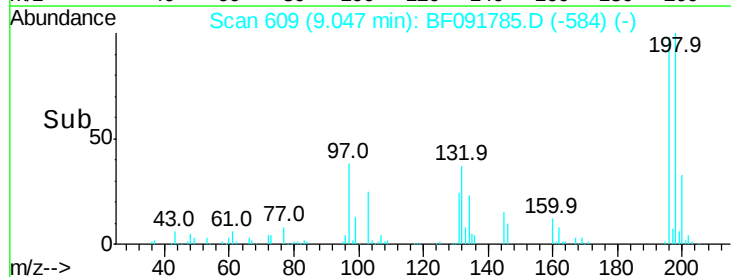
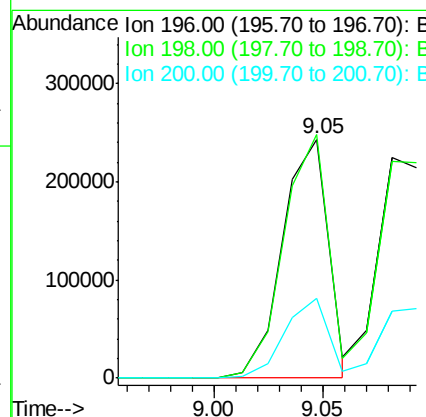
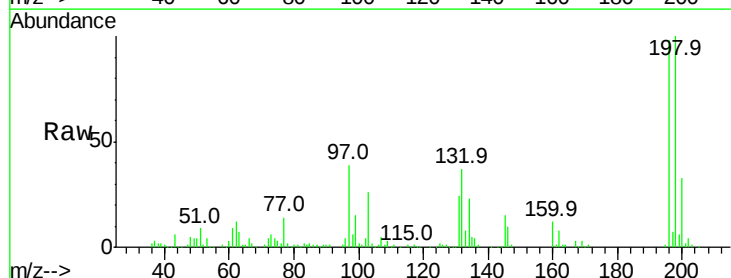
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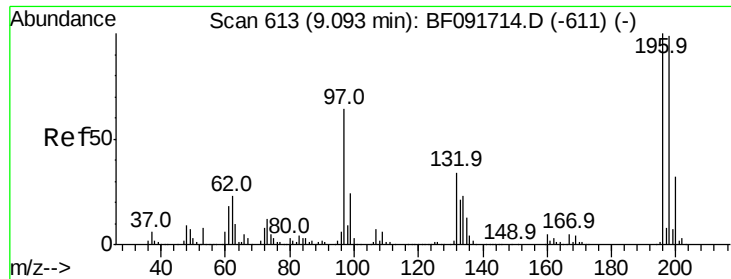
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#42
 2,4,6-Trichlorophenol
 Concen: 38.35 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.1	82.1	123.1	
200	33.4	27.0	40.4	





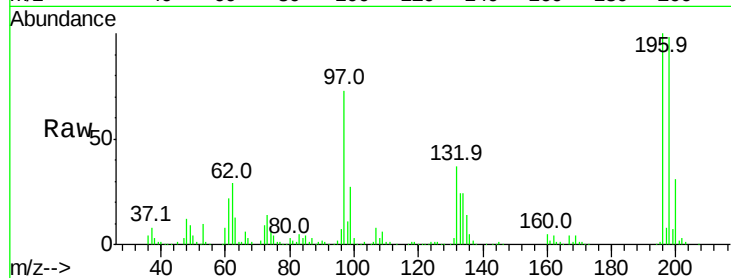
#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

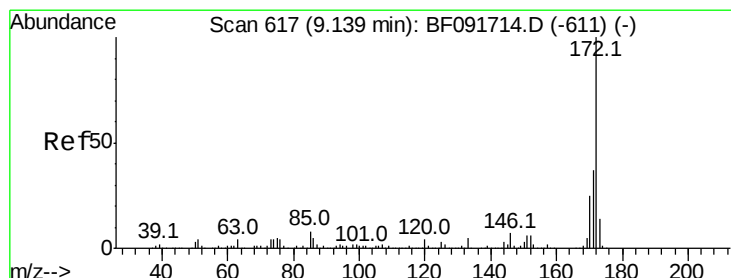
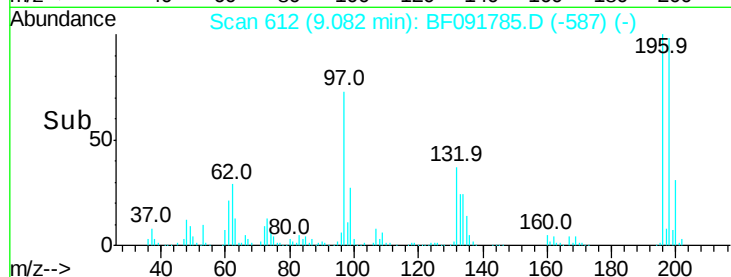
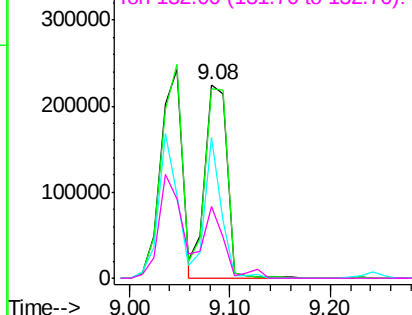
Tot Ion:	196	Resp:	343002
Ion Ratio	Lower	Upper	
196	100		
198	98.2	79.4	119.2
97	72.7	51.5	77.3
132	36.9	27.4	41.2

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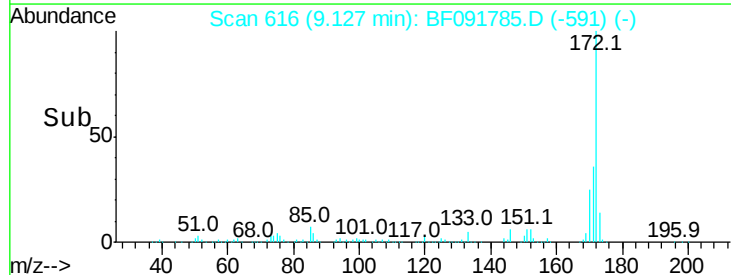
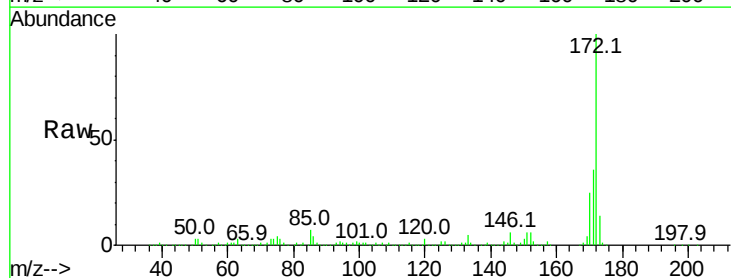
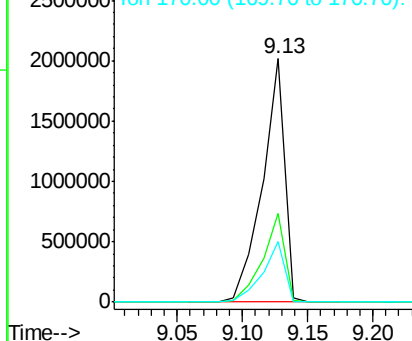
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

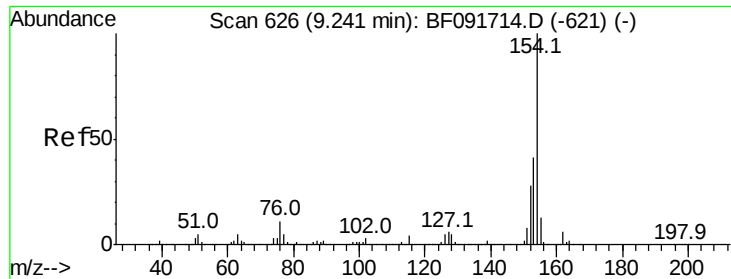


#44
 2-Fluorobiphenyl
 Concen: 92.41 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion:	172	Resp:	2408409
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.0
170	25.0	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





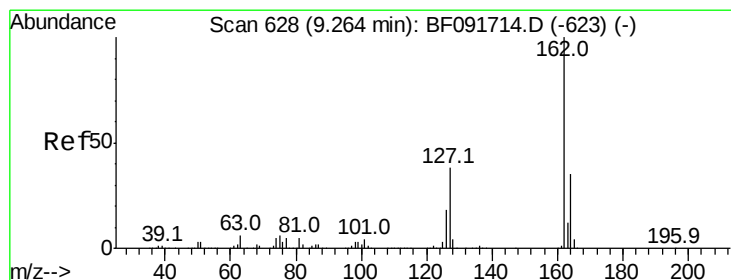
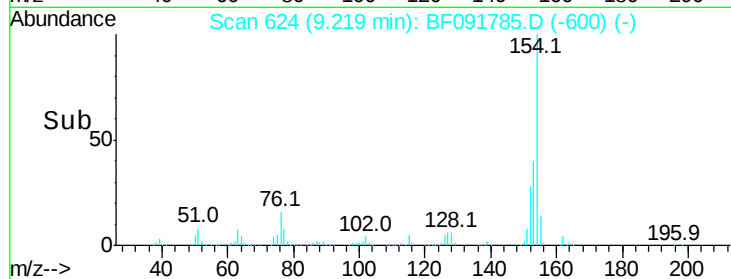
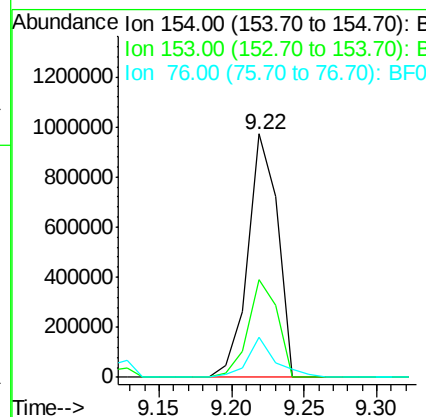
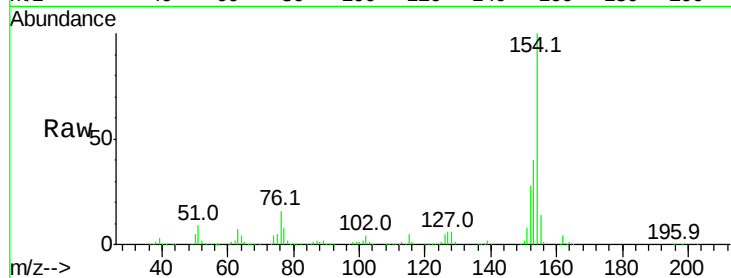
#45
 1,1'-Biphenyl
 Concen: 36.64 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	16.2	0.0	30.5

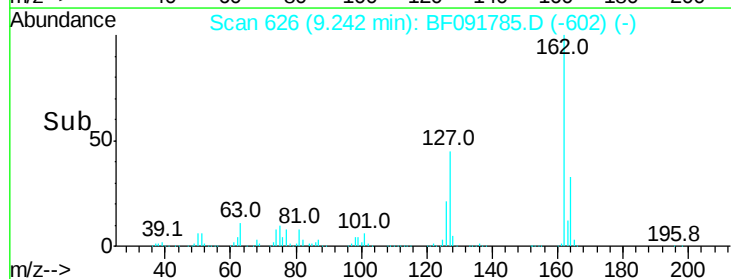
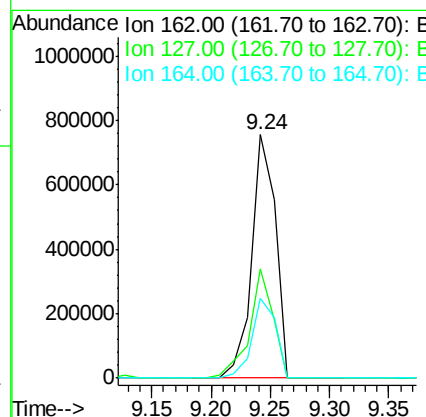
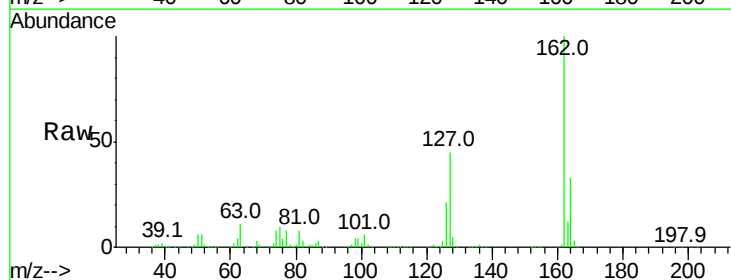
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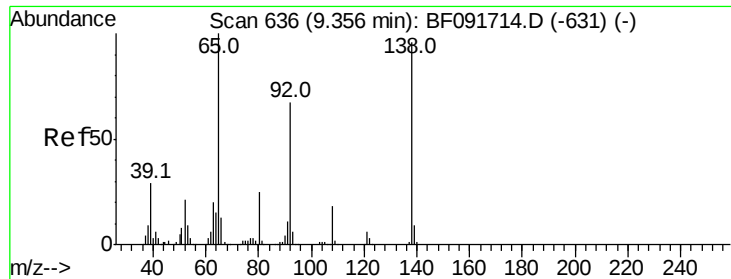
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#46
 2-Chloronaphthalene
 Concen: 37.73 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	30.7	46.1
164	32.9	27.6	41.4





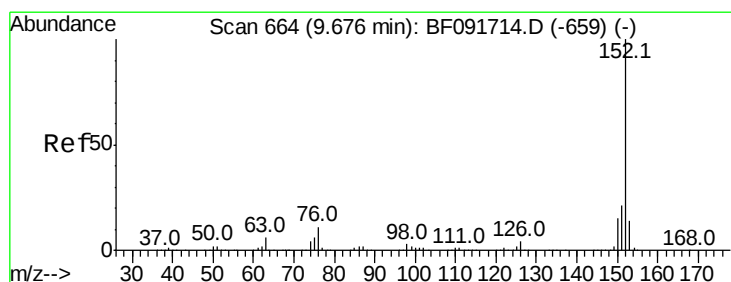
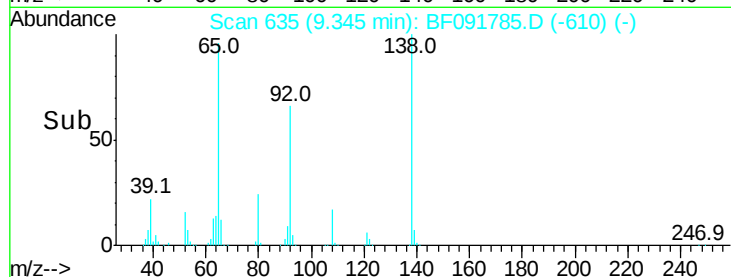
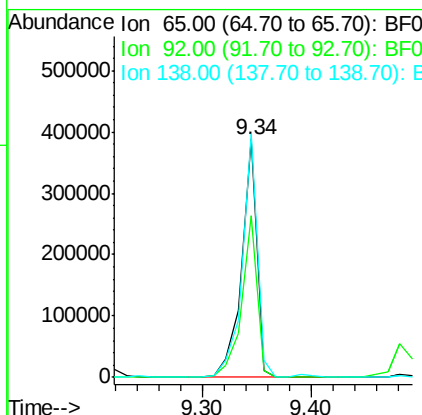
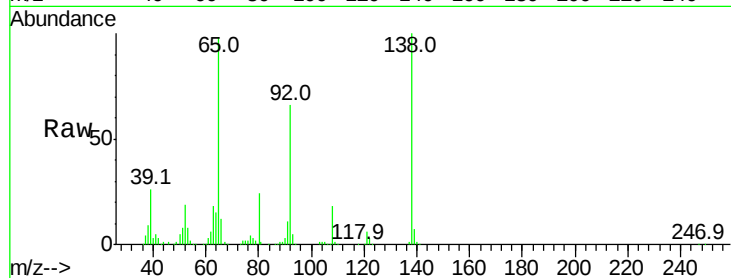
#47
2-Nitroaniline
Concen: 39.00 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.9	80.9
138	102.3	76.8	115.2

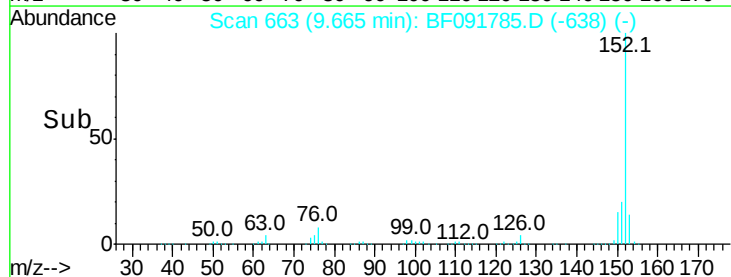
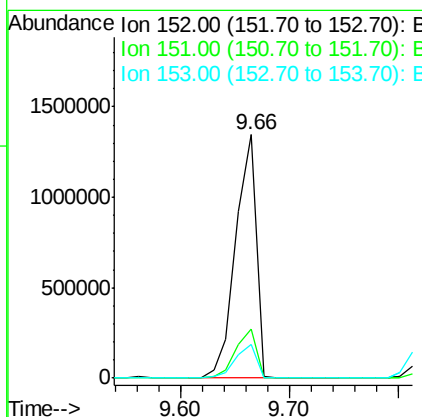
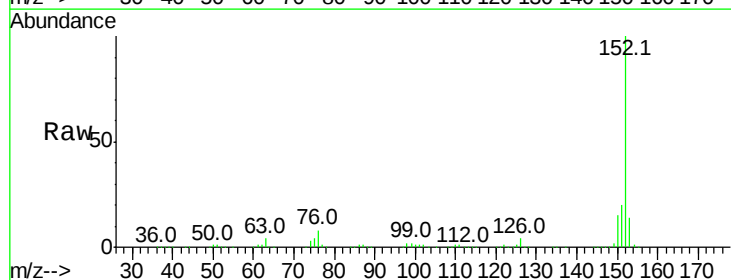
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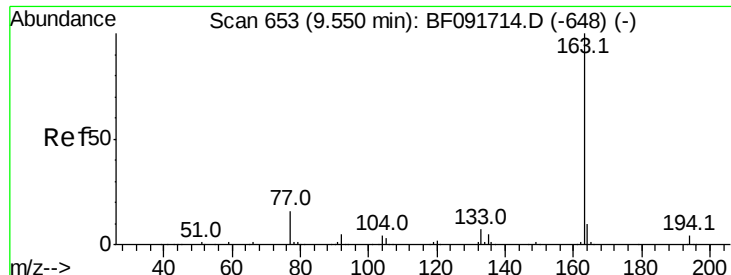
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#48
Acenaphthylene
Concen: 40.08 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.6	11.4	17.2





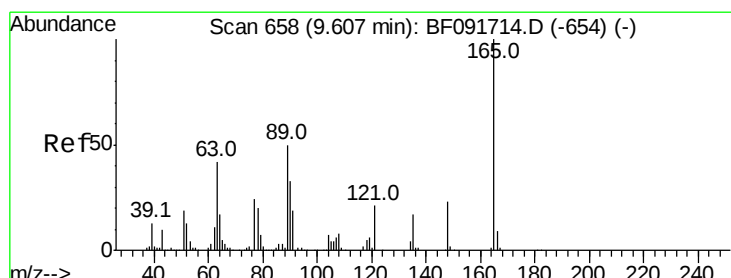
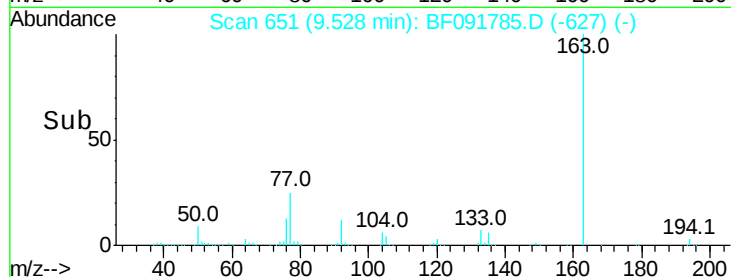
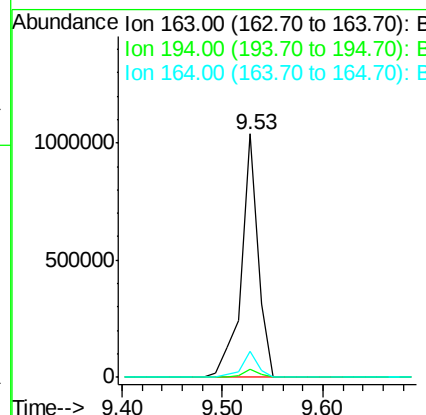
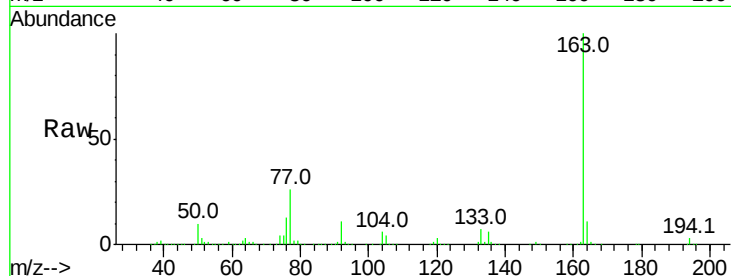
#49
Dimethylphthalate
Concen: 35.00 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2		3.0	4.4
164	10.7		8.0	12.0

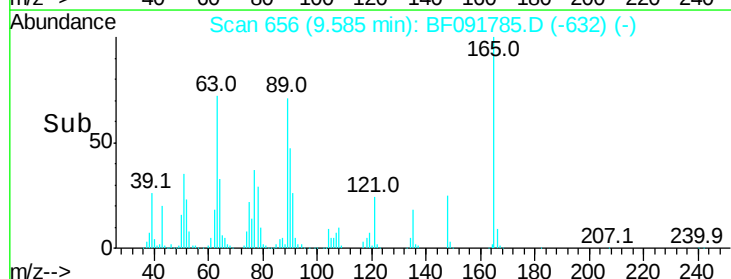
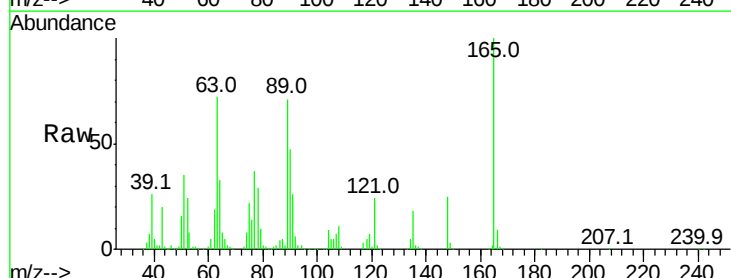
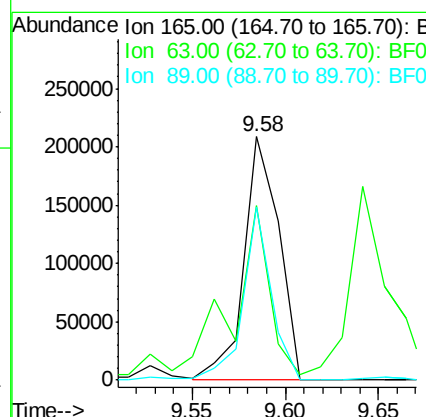
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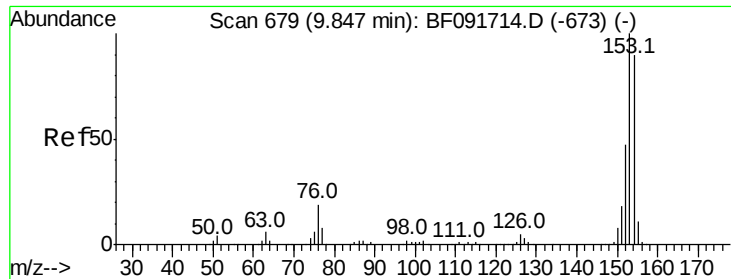
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#50
2,6-Dinitrotoluene
Concen: 36.09 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.9		36.2	54.4#
89	71.1		40.2	60.4#





#51

Acenaphthene

Concen: 41.24 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion:154 Resp: 1230079

Ion Ratio Lower Upper

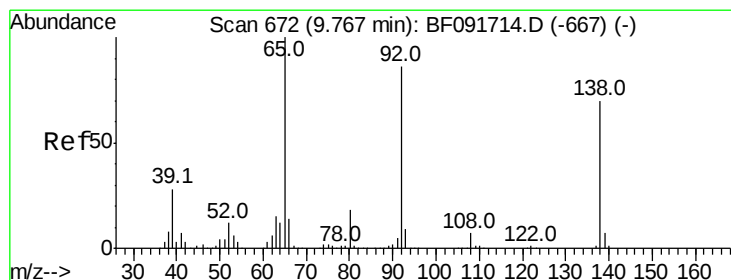
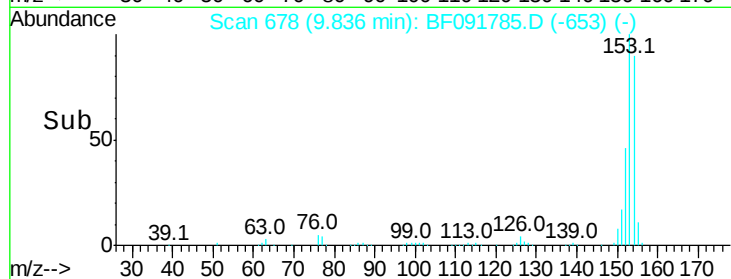
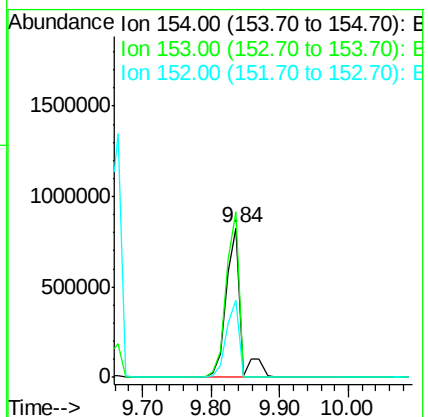
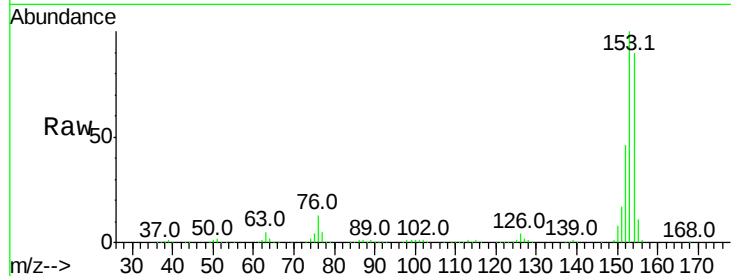
154 100

153 111.3 88.6 133.0

152 51.7 41.6 62.4

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#52

3-Nitroaniline

Concen: 9.32 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

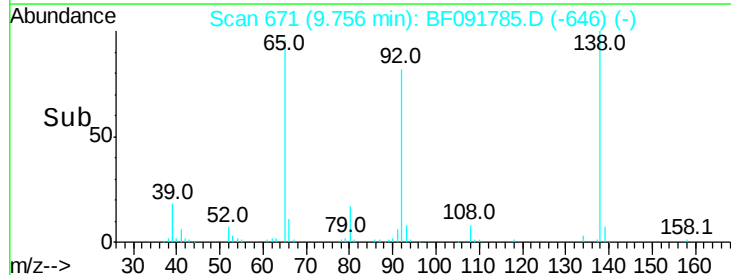
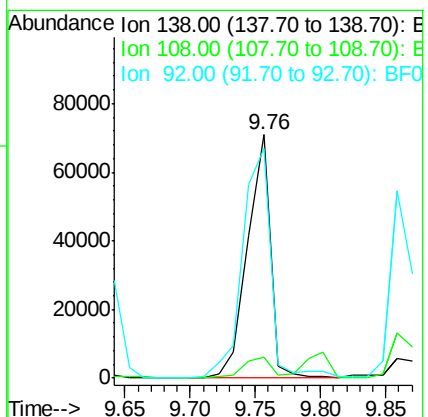
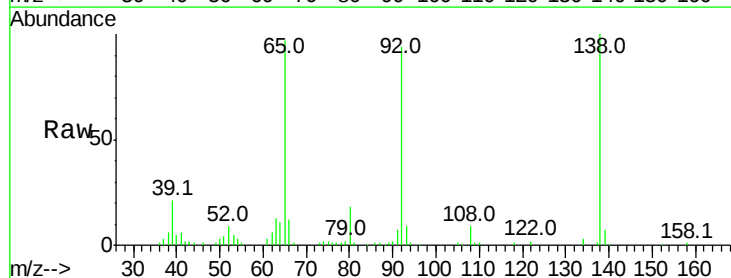
Tgt Ion:138 Resp: 87049

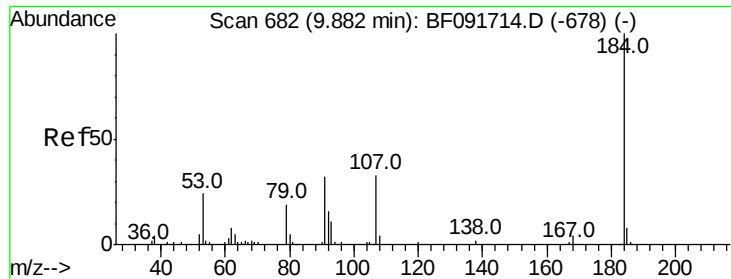
Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

92 94.3 97.8 146.8#





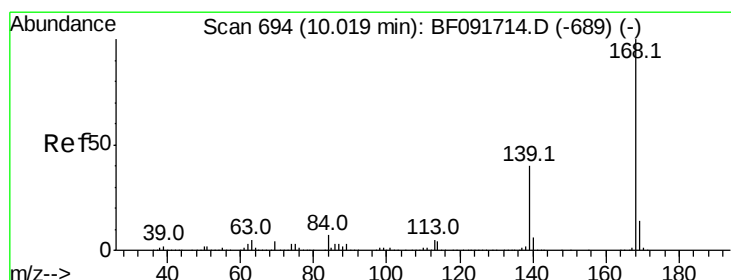
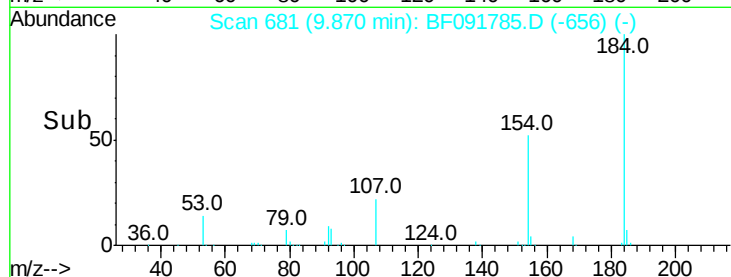
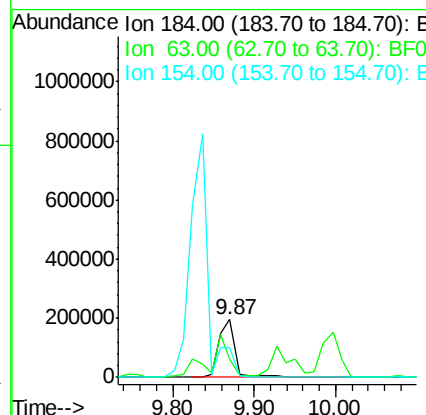
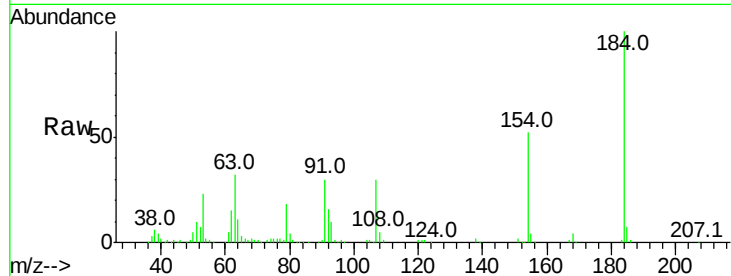
#53
2,4-Dinitrophenol
Concen: 65.74 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampled :
PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	266313		
63	31.5		28.4	42.6
154	51.7		44.3	66.5

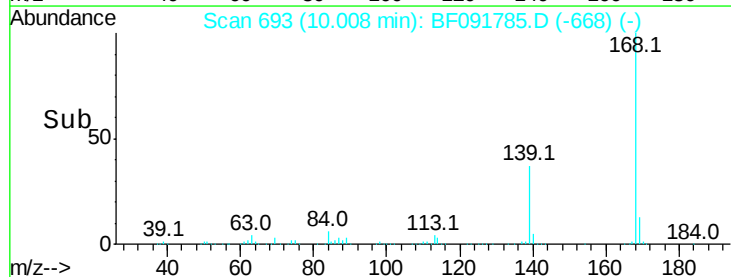
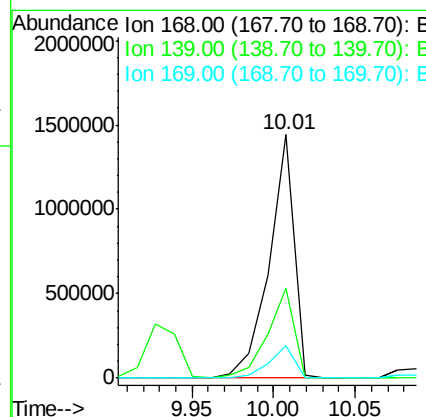
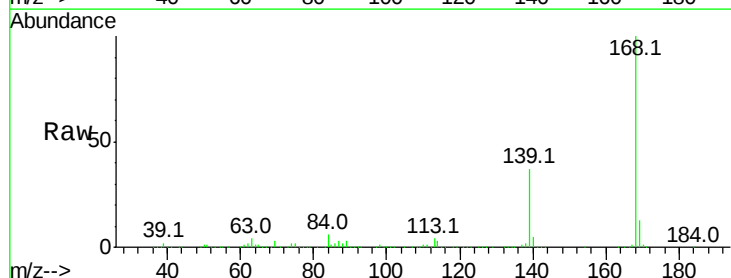
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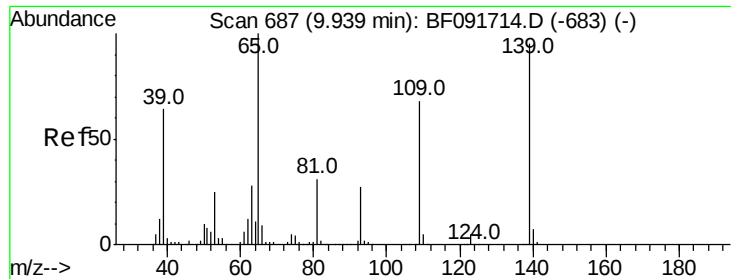
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#54
Dibenzofuran
Concen: 43.42 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1539815		
139	37.0		32.6	49.0
169	13.4		11.3	16.9





#55

4-Nitrophenol

Concen: 70.45 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

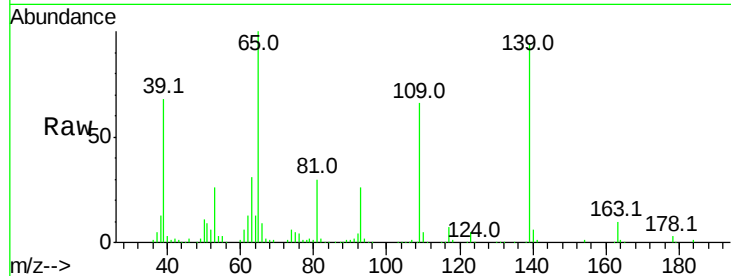
ClientSampleId :

PB95441BSD

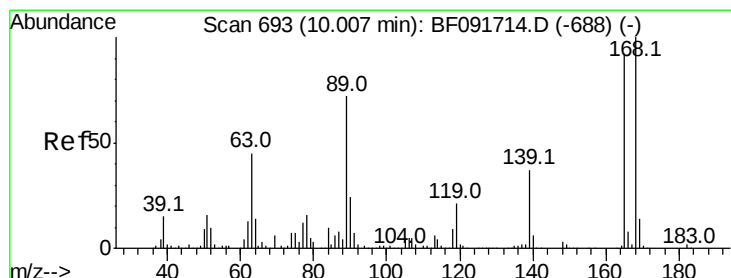
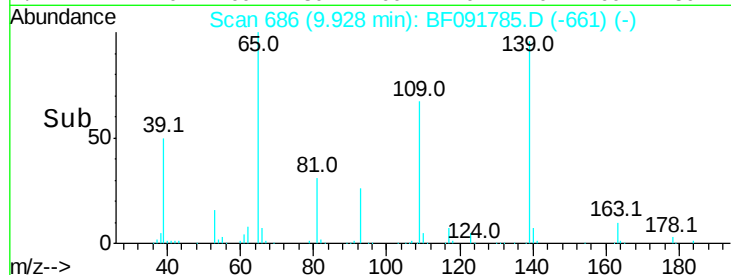
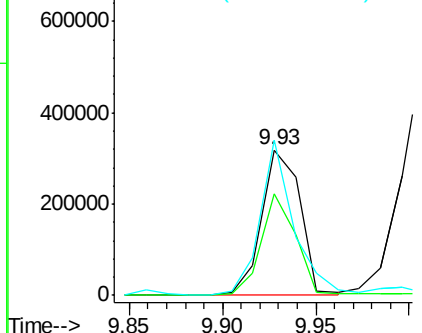
Tot Ion:	139	Resp:	456778
Ion Ratio	Lower	Upper	
139	100		
109	70.2	52.2	92.2
65	106.9	85.8	125.8

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.24 ng

RT: 10.00 min Scan# 692

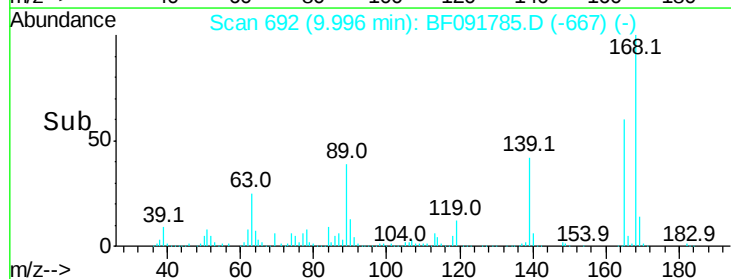
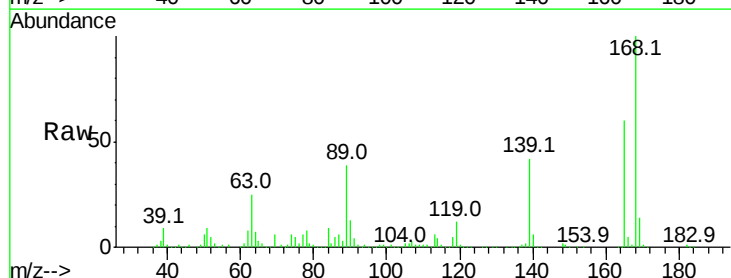
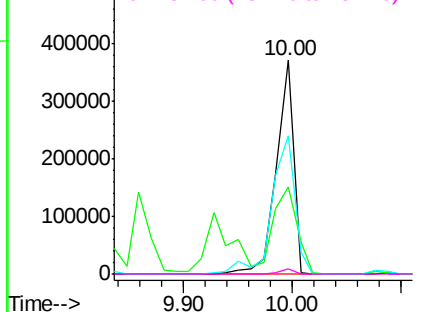
Delta R.T. -0.01 min

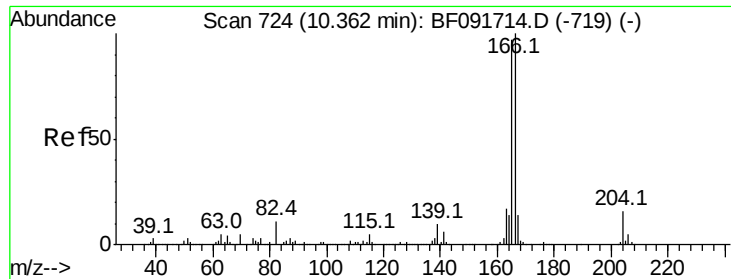
Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion:	165	Resp:	405024
Ion Ratio	Lower	Upper	
165	100		
63	40.8	40.2	60.4
89	64.8	62.5	93.7
182	2.2	1.8	2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.47 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion:166 Resp: 1142256

Ion Ratio Lower Upper

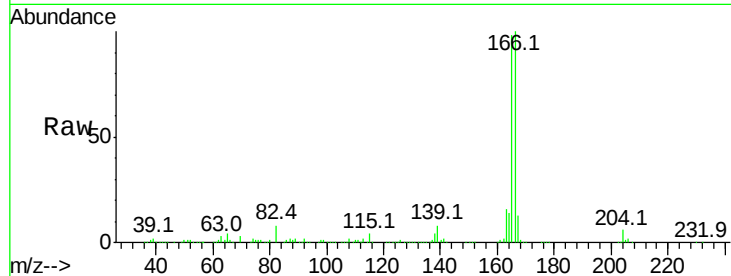
166 100

165 98.2 77.8 116.8

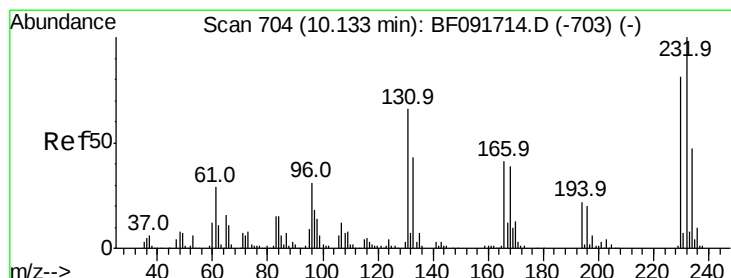
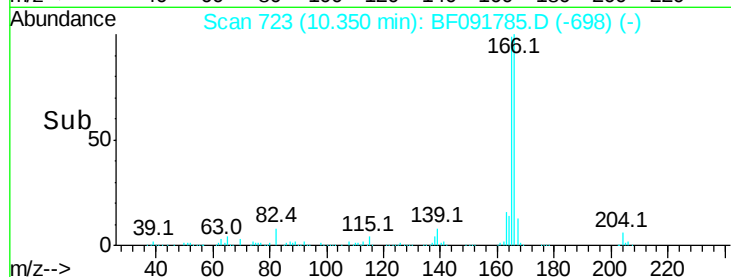
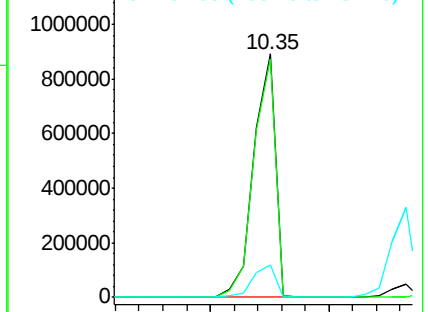
167 13.1 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion:232 Resp: 287160

Ion Ratio Lower Upper

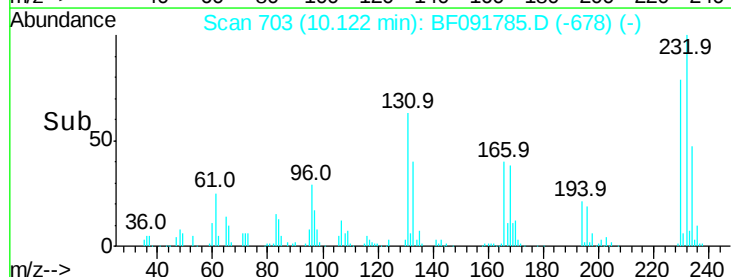
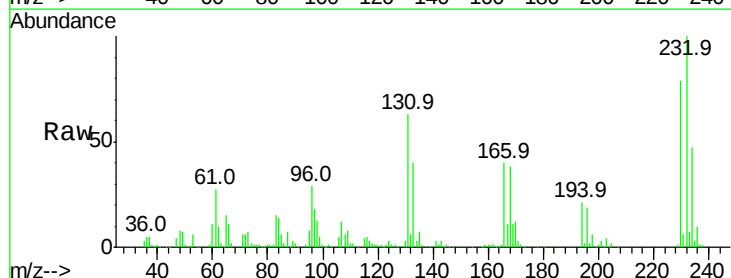
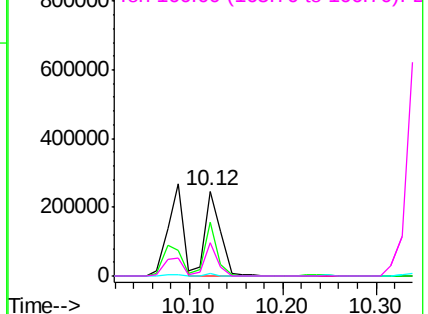
232 100

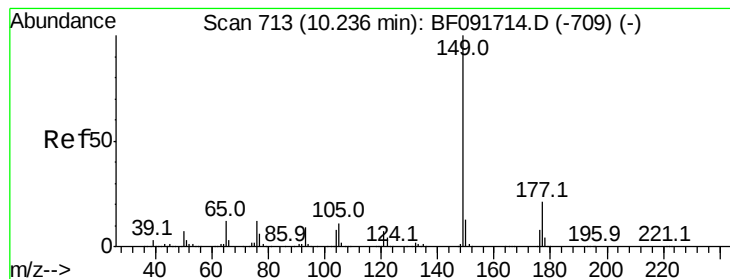
131 50.4 40.1 60.1

130 2.4 1.8 2.8

166 32.3 26.6 39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.17 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampled :

PB95441BSD

Tot Ion:149 Resp: 1182386

Ion Ratio Lower Upper

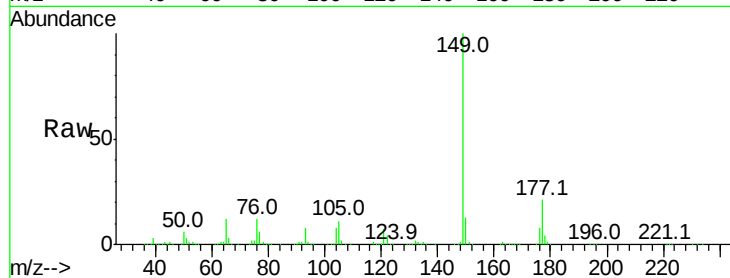
149 100

177 20.7 16.6 25.0

150 13.0 10.4 15.6

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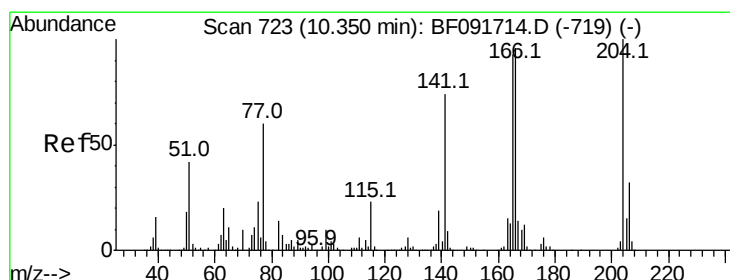
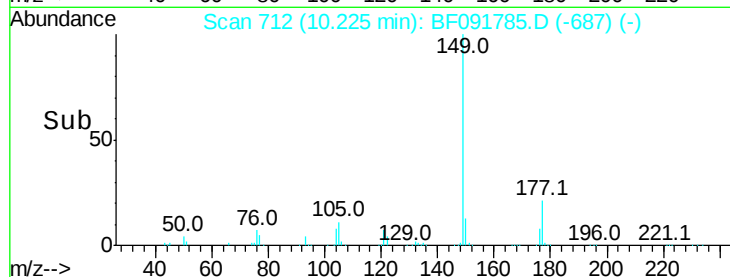
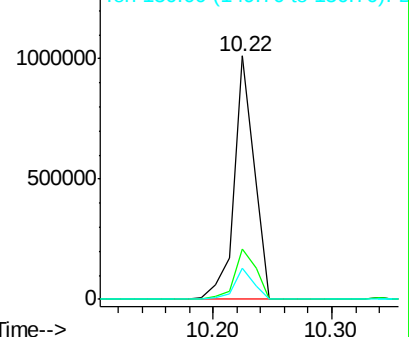
sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.23 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

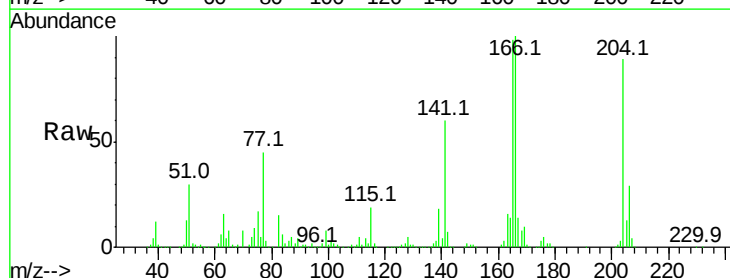
Tgt Ion:204 Resp: 492293

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

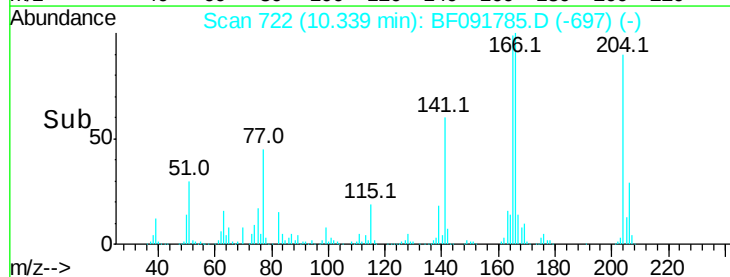
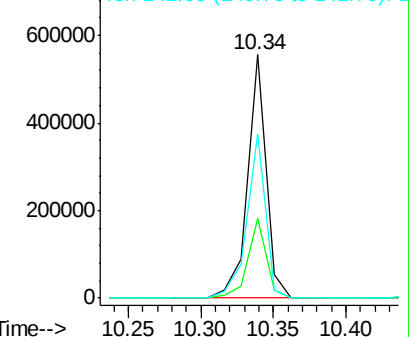
141 67.5 59.4 89.0

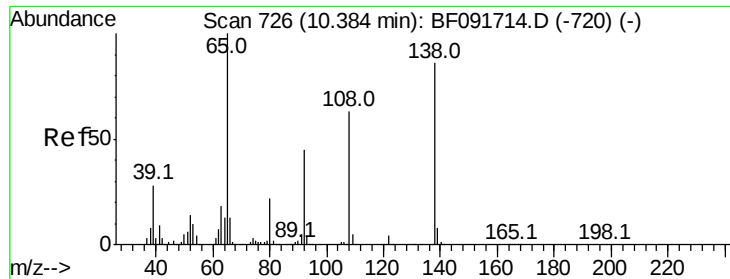


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





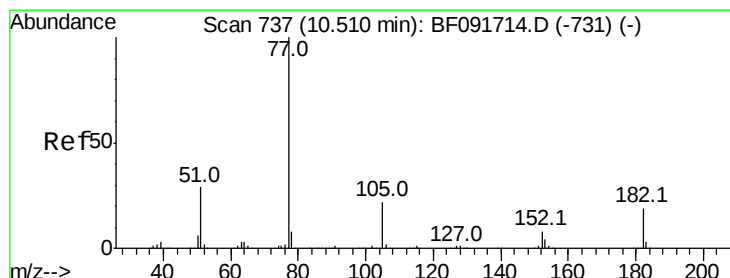
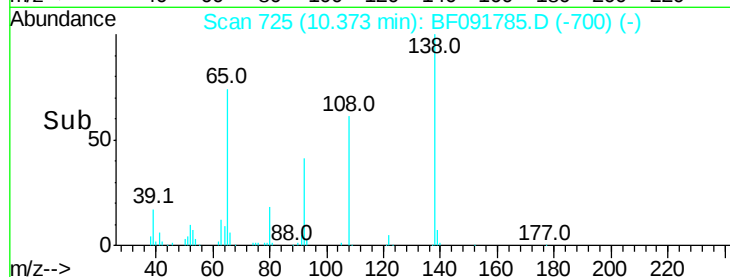
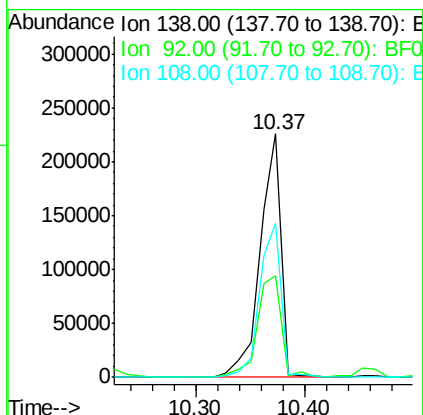
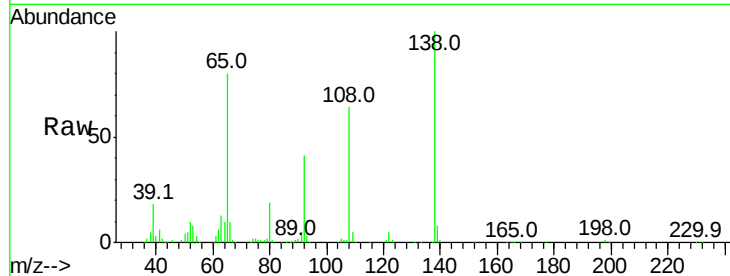
#61
4-Nitroaniline
Concen: 34.20 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.5	31.7	71.7
108	63.5	52.6	92.6

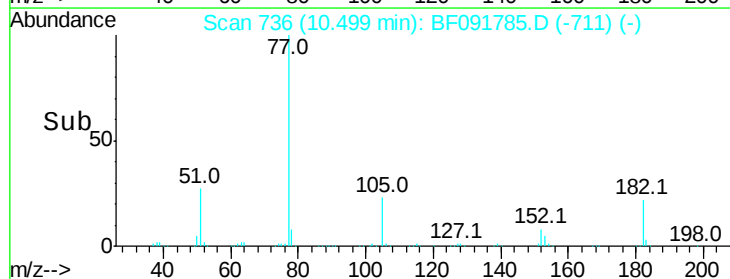
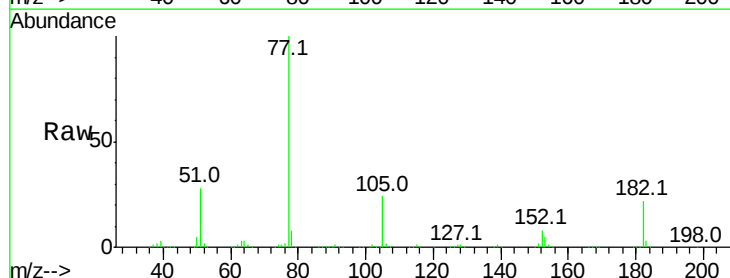
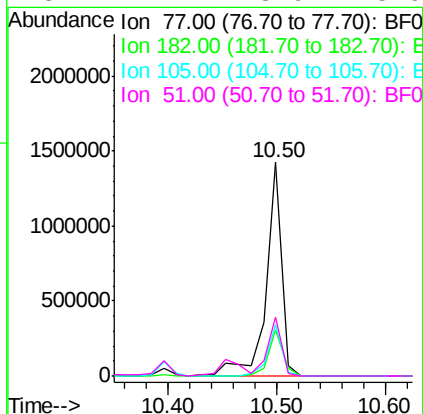
Manual Integrations
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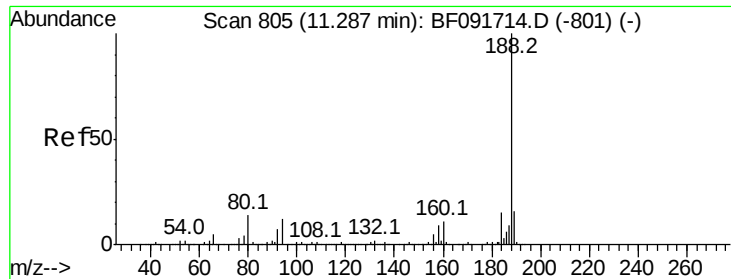
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#62
Azobenzene
Concen: 40.29 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.0	39.3
105	23.7	2.3	42.3
51	27.7	8.9	48.9





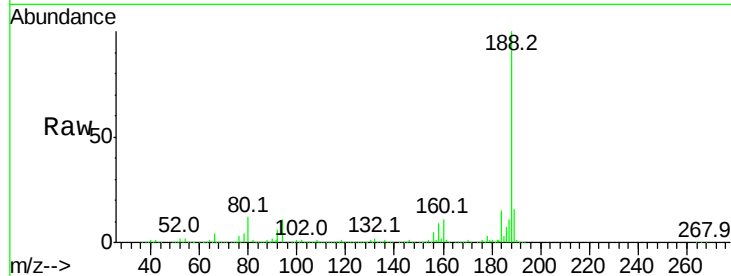
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

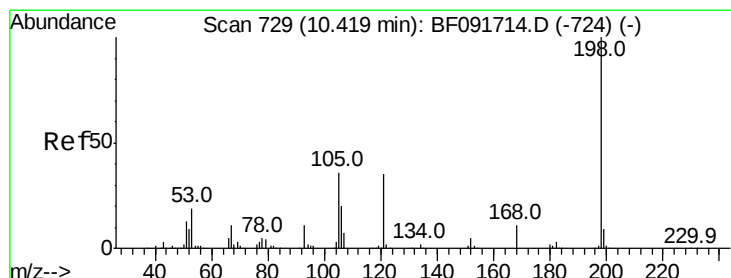
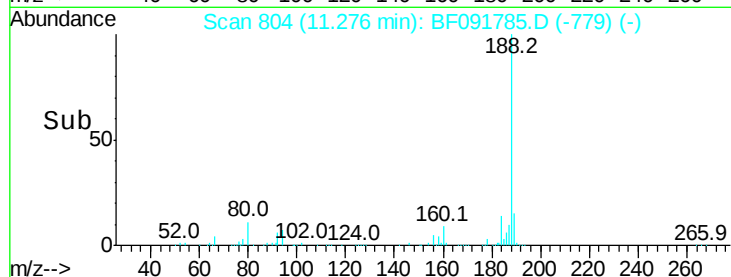
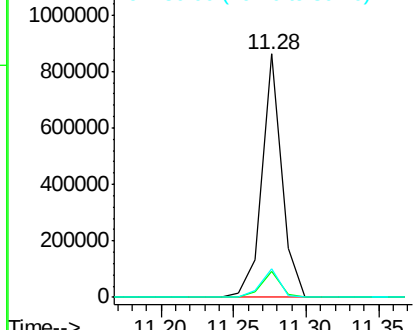
Tot Ion	Ratio	Resp	Lower	Upper
188	100	812912		
94	10.8		10.0	15.0
80	11.8		11.2	16.8

Manual Integrations
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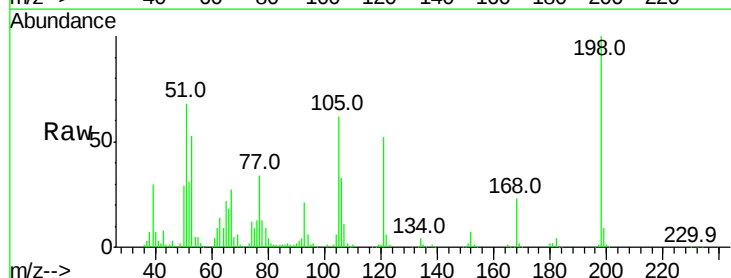


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

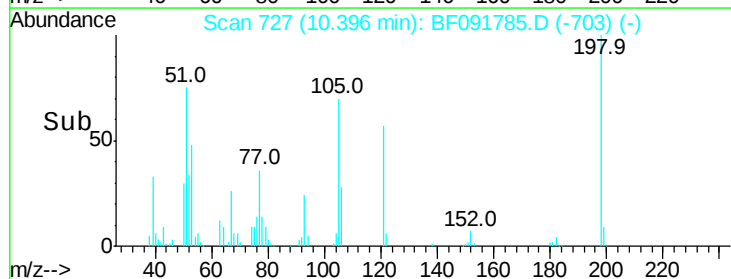
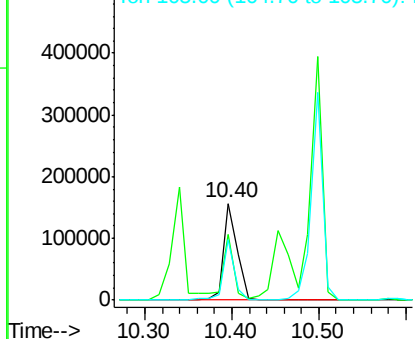


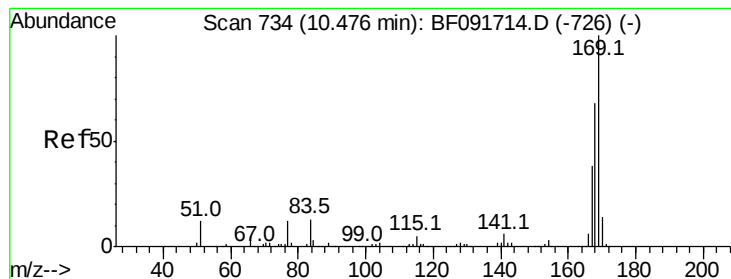
#64
4,6-Dinitro-2-methylphenol
Concen: 32.42 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	173816		
51	67.8		6.7	46.7#
105	62.4		16.6	56.6#



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





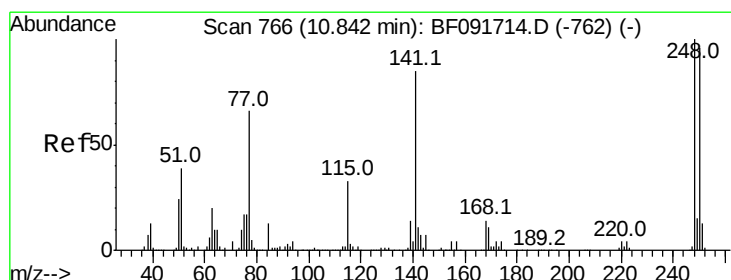
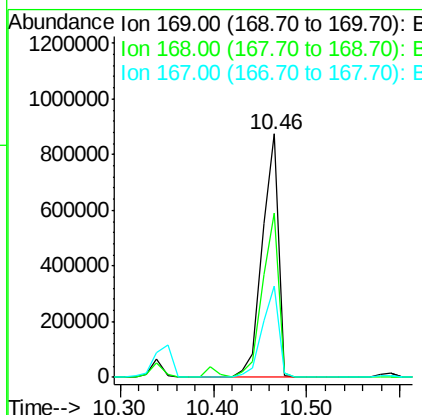
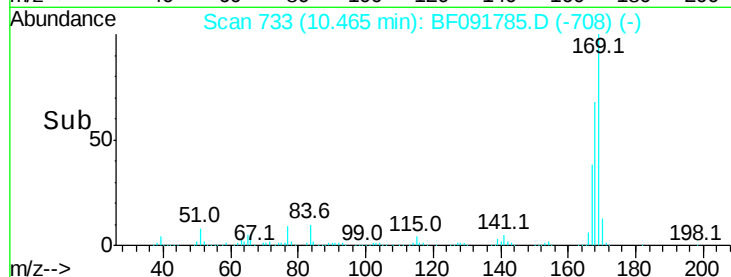
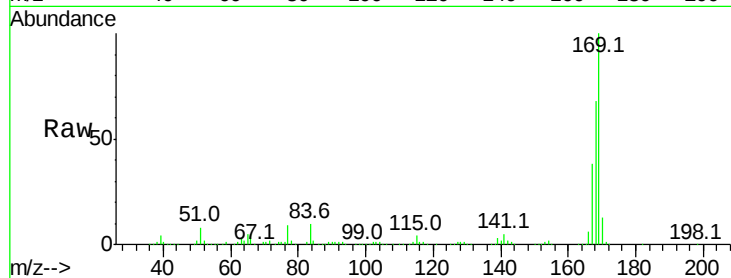
#65
 n-Nitrosodiphenylamine
 Concen: 42.16 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.2
167	37.5	30.2	45.4

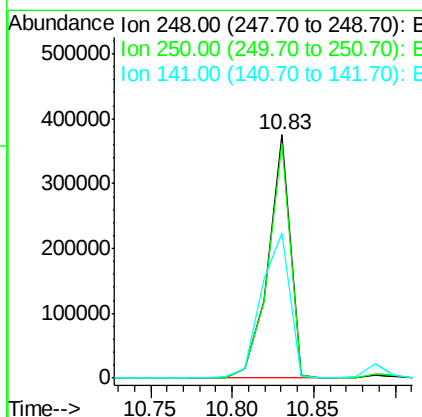
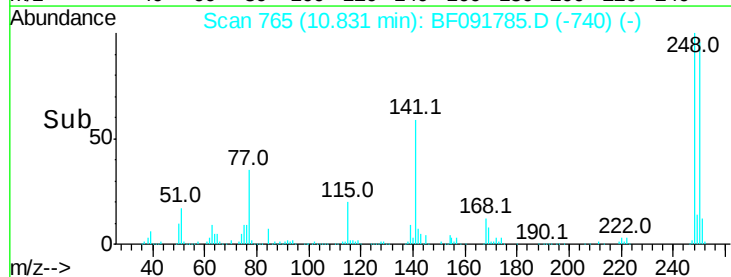
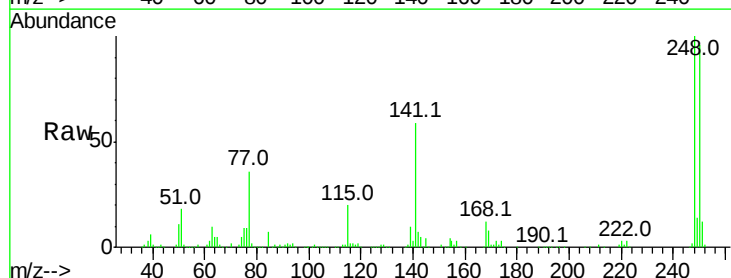
Manual Integrations
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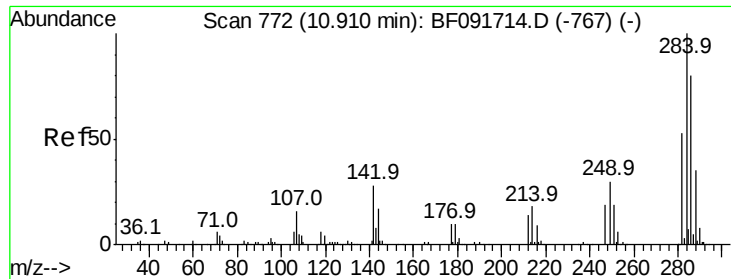
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#66
 4-Bromophenyl-phenylether
 Concen: 41.61 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	59.4	68.2	102.4#





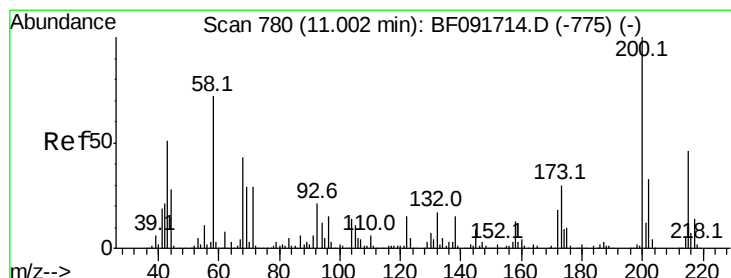
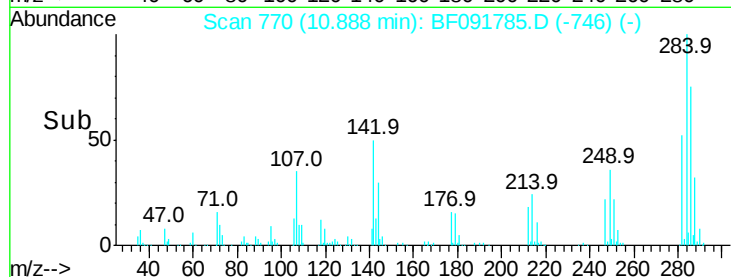
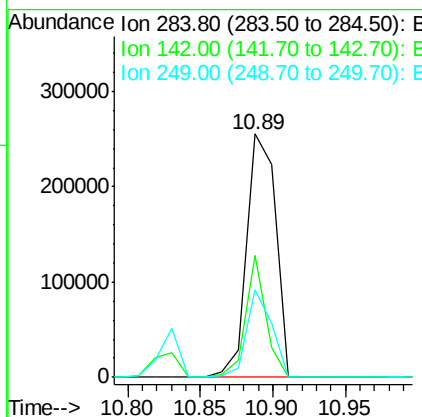
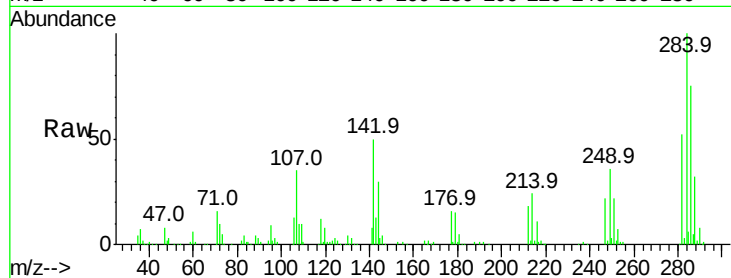
#67
Hexachlorobenzene
Concen: 39.49 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	50.1	22.6	33.8#
249	35.9	25.4	38.0

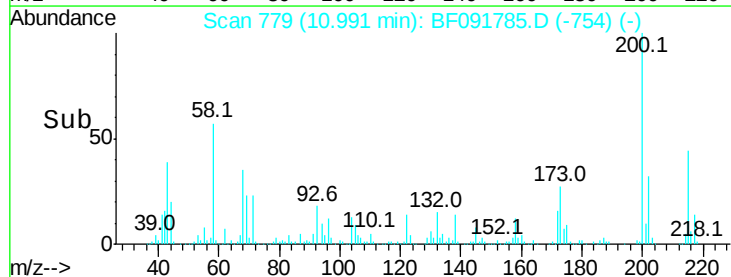
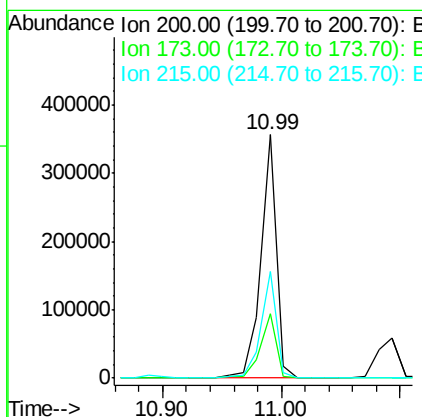
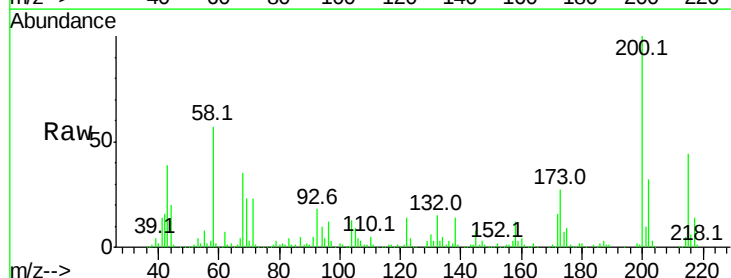
Manual Integrations
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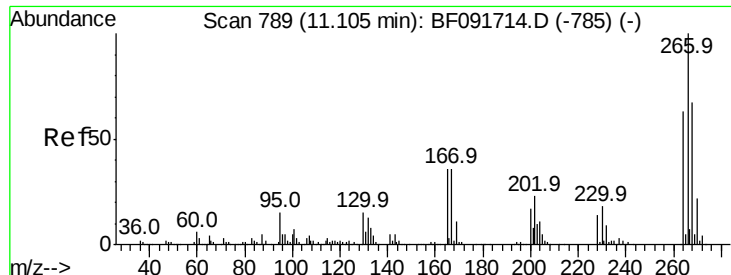
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#68
Atrazine
Concen: 42.89 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	9.6	49.6
215	43.6	25.7	65.7





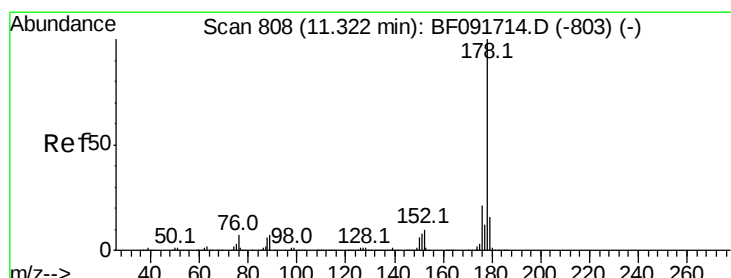
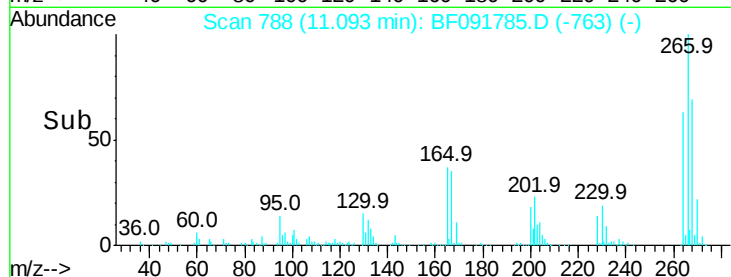
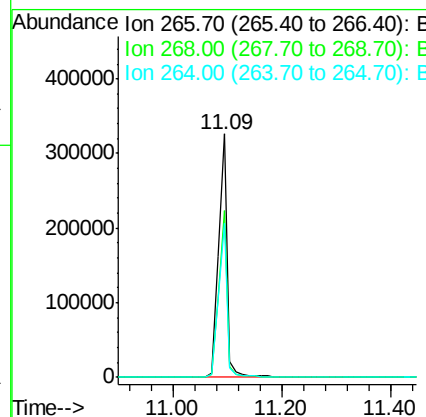
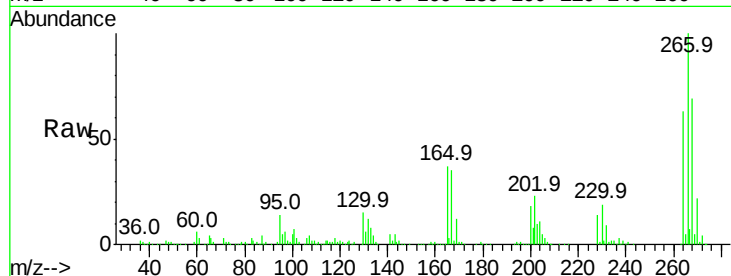
#69
 Pentachlorophenol
 Concen: 77.48 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.7	53.3	79.9
264	63.4	50.3	75.5

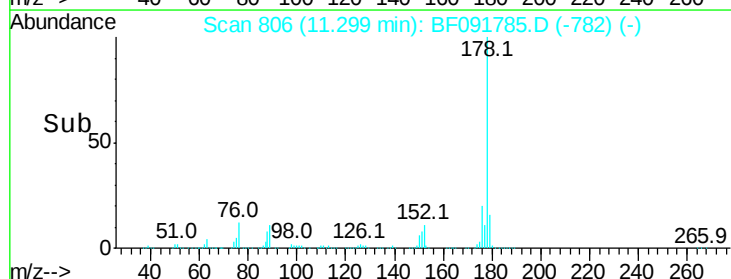
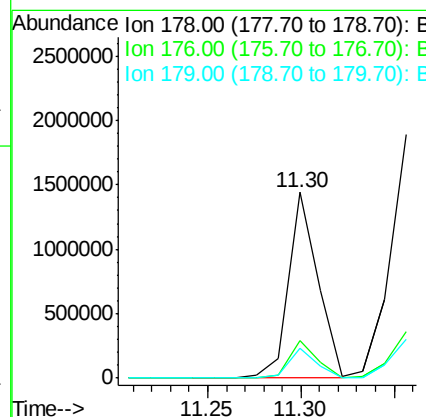
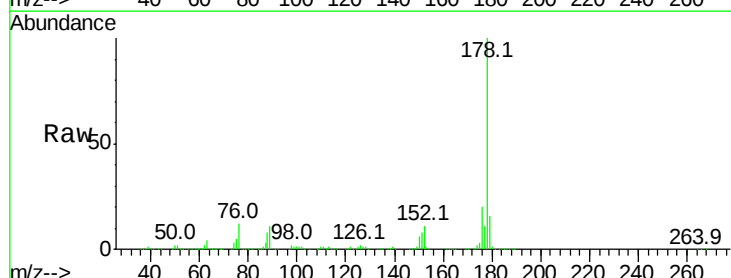
Manual Integrations
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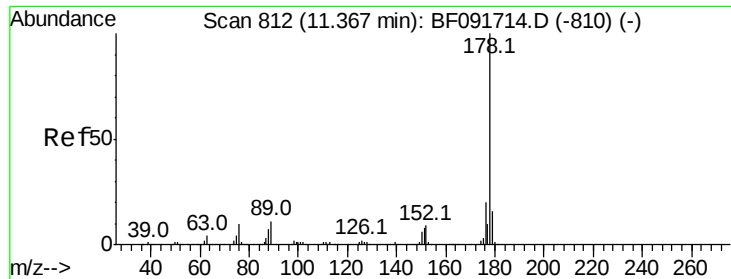
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#70
 Phenanthrene
 Concen: 39.03 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.1	12.8	19.2





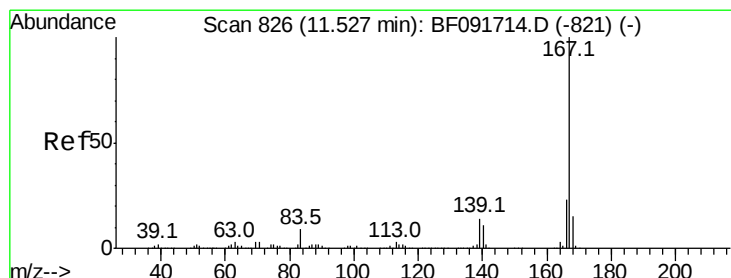
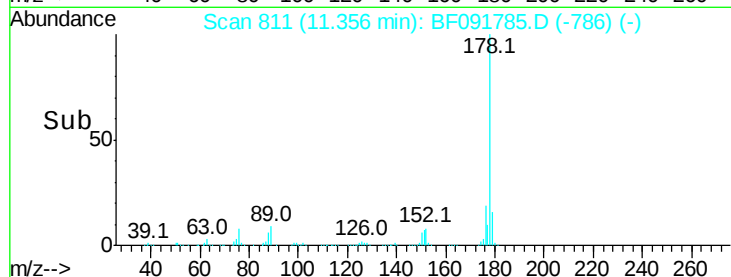
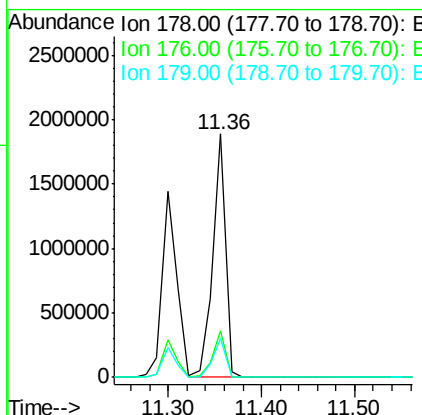
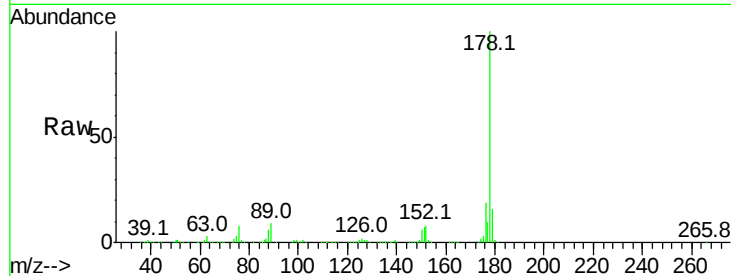
#71
 Anthracene
 Concen: 41.53 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion:178 Resp: 1786757
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.0 13.2 19.8

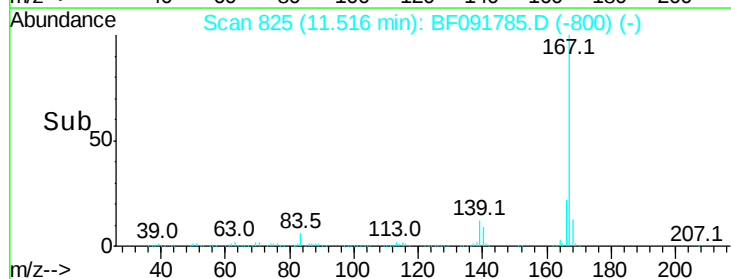
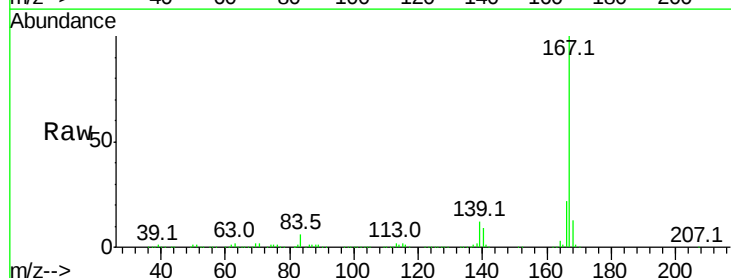
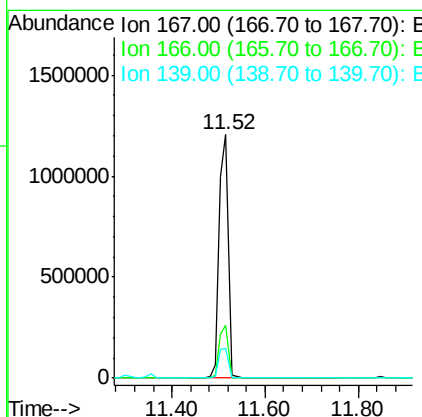
Manual Integrations
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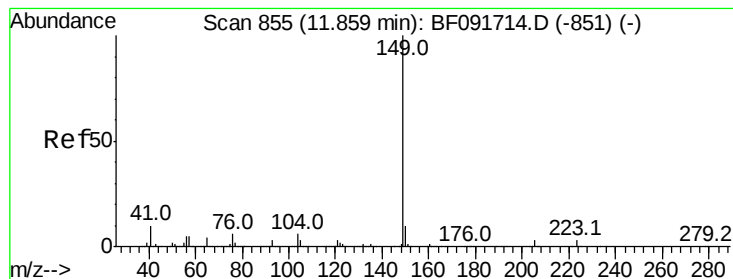
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#72
 Carbazole
 Concen: 42.23 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion:167 Resp: 1588610
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.0 11.4 17.2





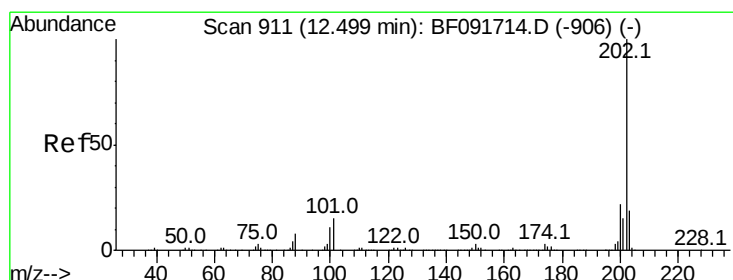
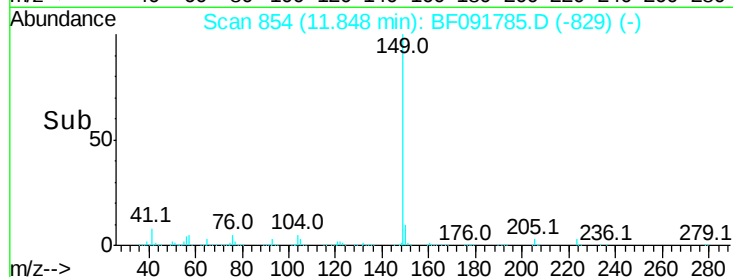
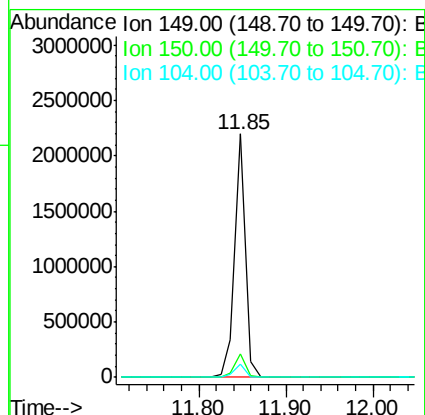
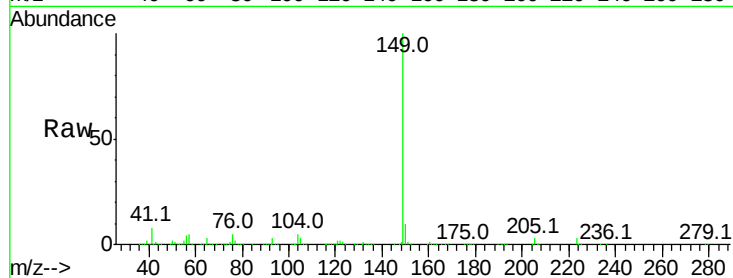
#73
Di-n-butylphthalate
Concen: 38.55 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	5.4	4.6	7.0

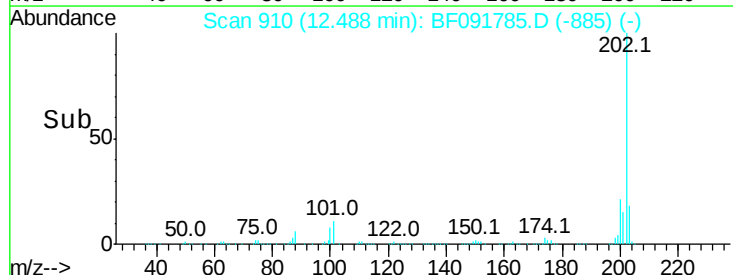
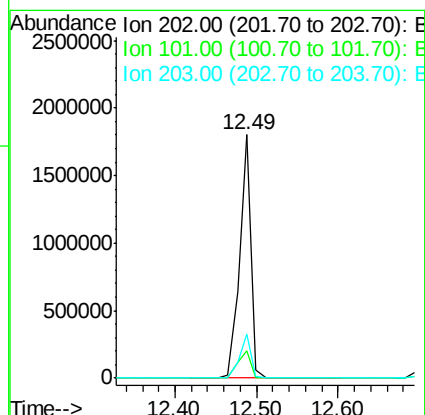
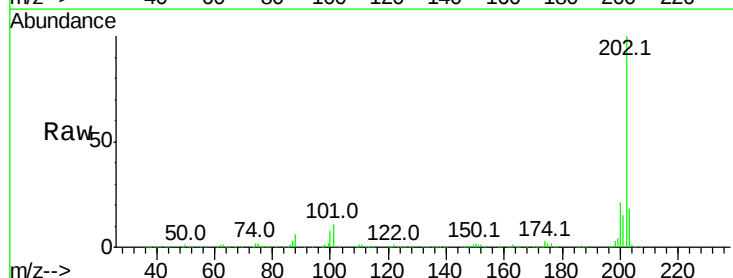
Manual Integrations
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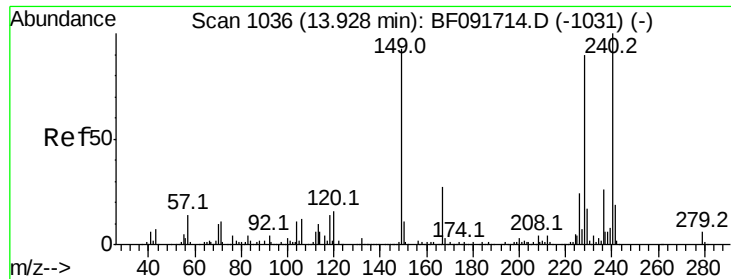
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#74
Fluoranthene
Concen: 41.17 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.6
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

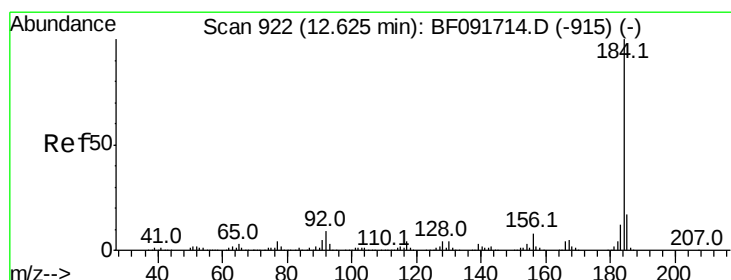
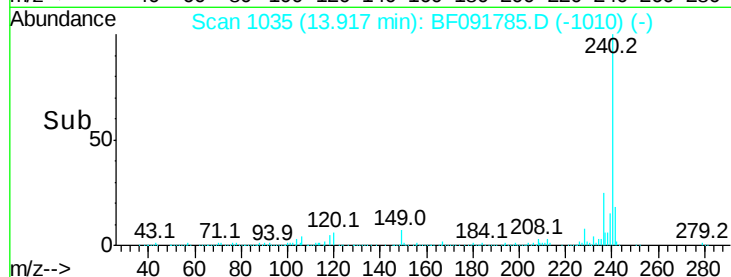
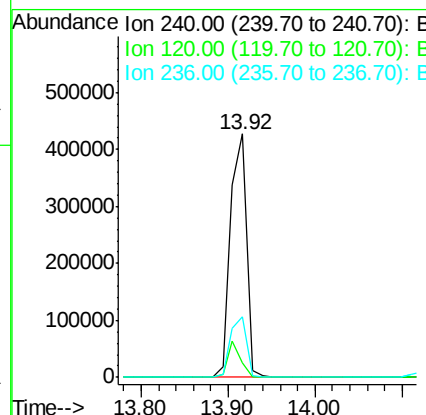
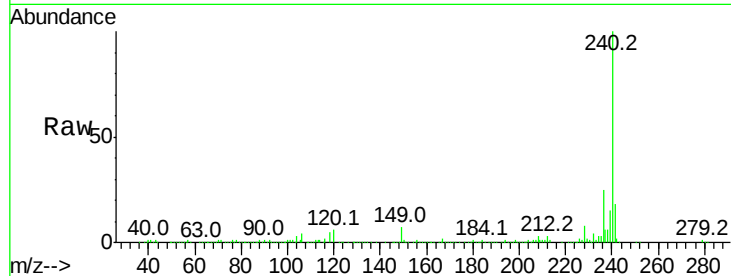
ClientSampleId :

PB95441BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	12.9	19.3#
236	25.1	20.9	31.3

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#76

Benzidine

Concen: 20.37 ng

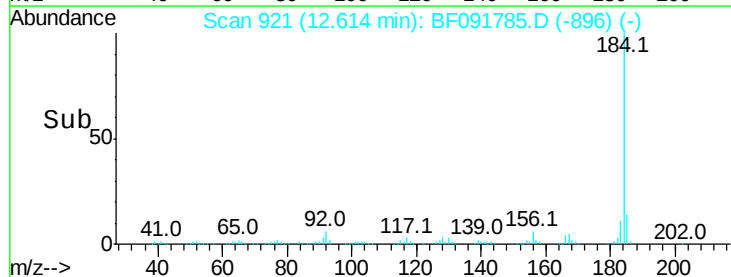
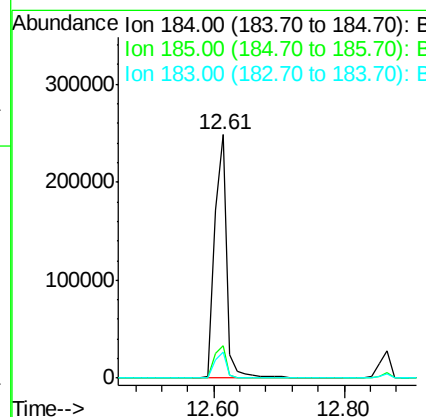
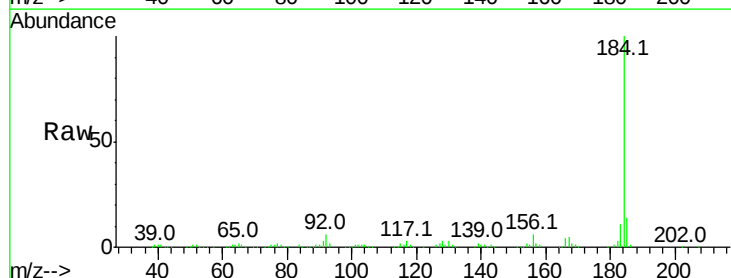
RT: 12.61 min Scan# 921

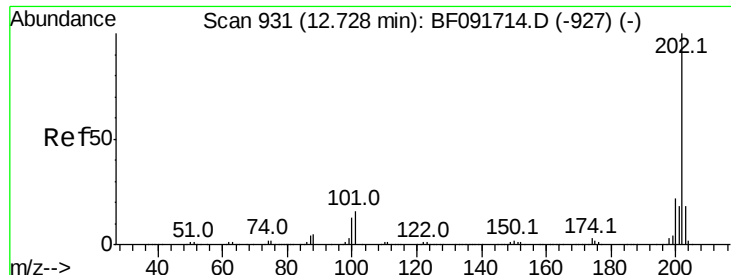
Delta R.T. -0.01 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	13.4	20.0
183	10.6	9.2	13.8





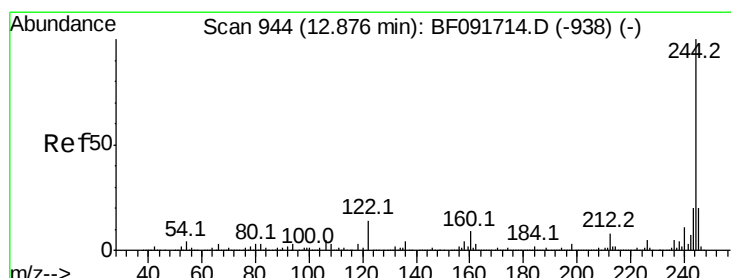
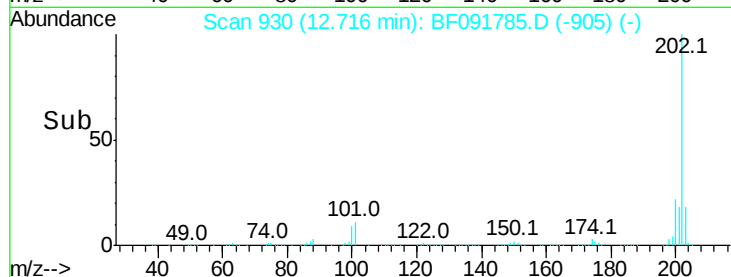
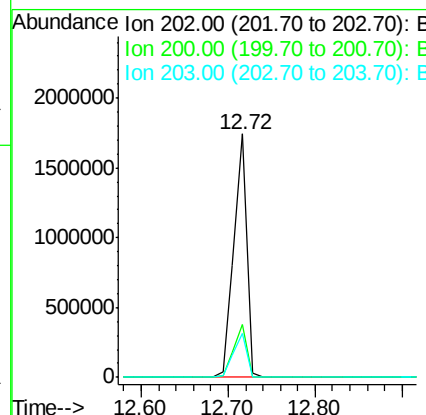
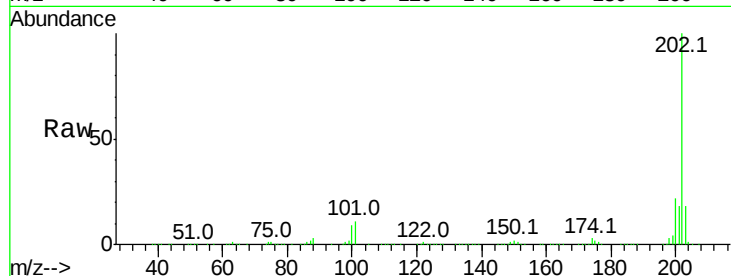
#77
Pvrene
Concen: 45.16 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.7	22.1

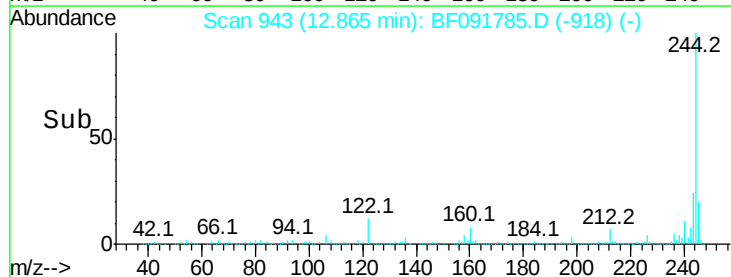
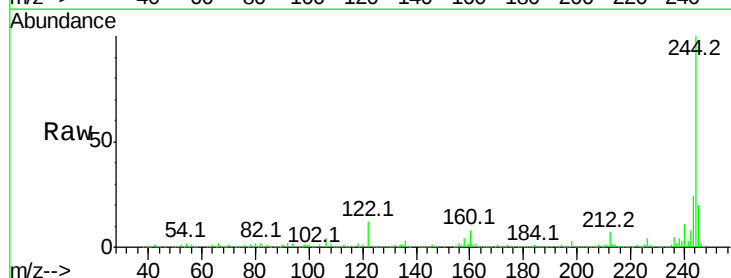
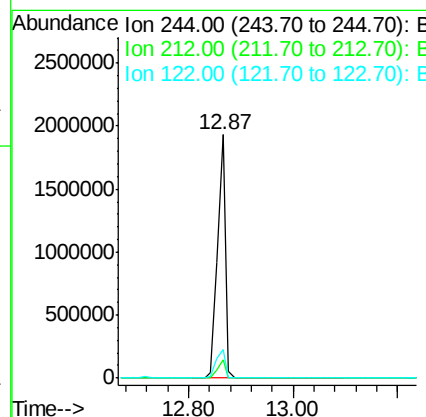
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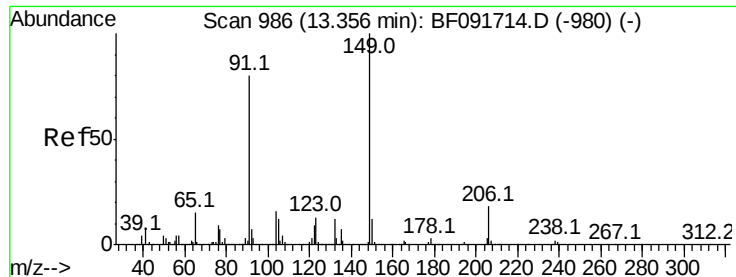
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#78
Terphenyl-d14
Concen: 93.55 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.6	11.4	17.2





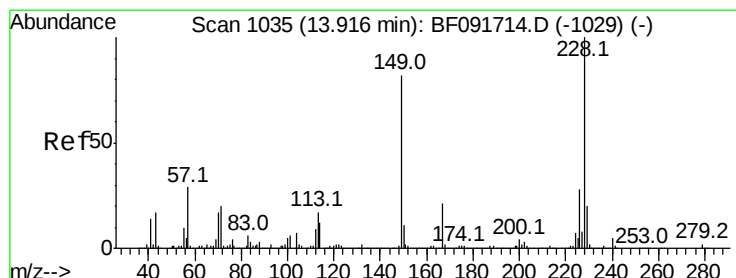
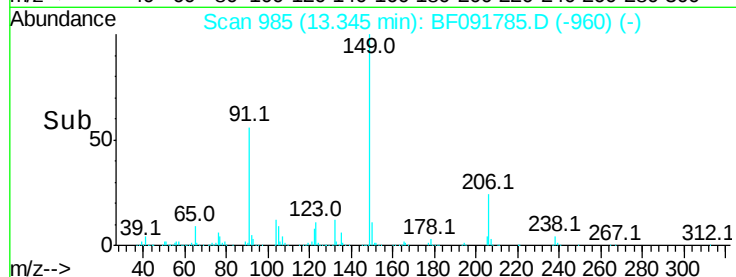
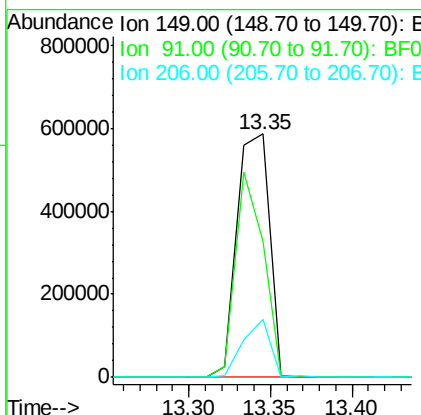
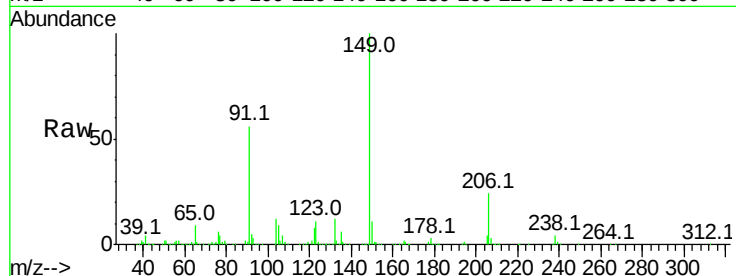
#79
Butylbenzylphthalate
Concen: 43.35 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	56.1	63.9	95.9#
206	23.6	14.6	21.8#

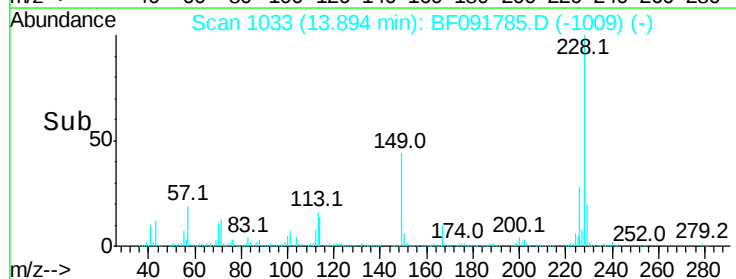
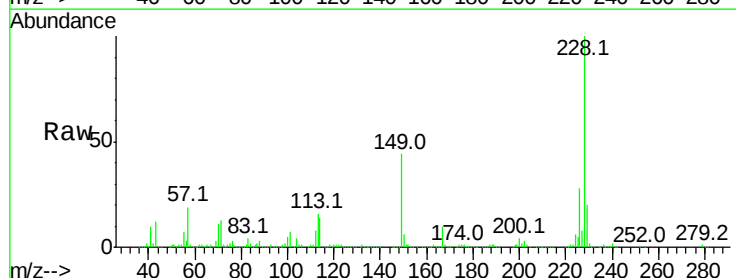
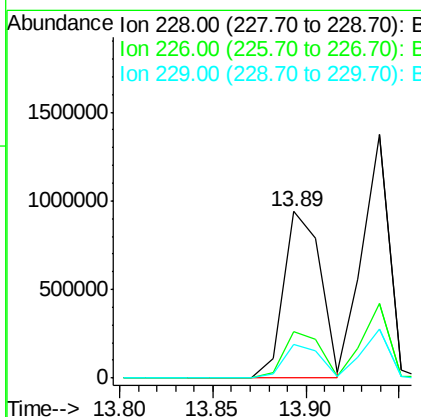
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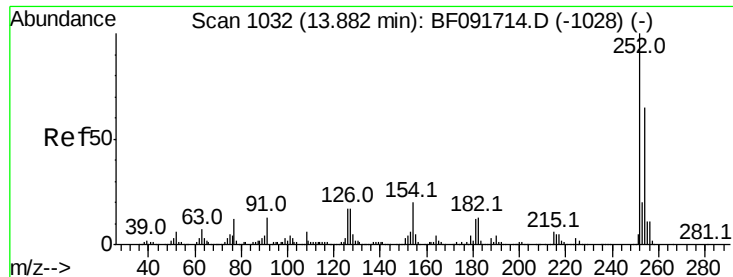
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#80
Benzo(a)anthracene
Concen: 40.82 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.4	33.6
229	20.3	16.2	24.4





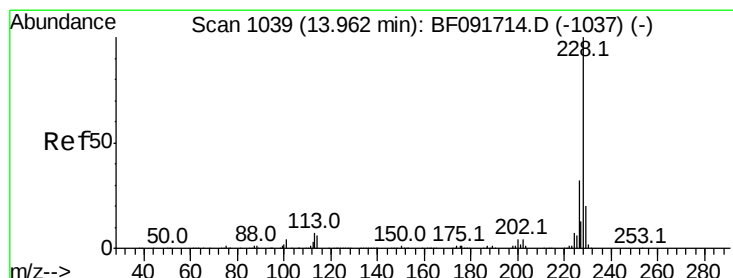
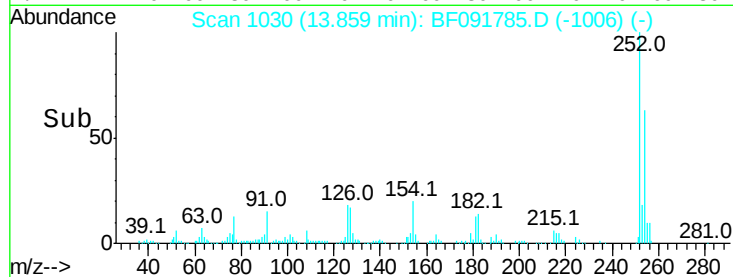
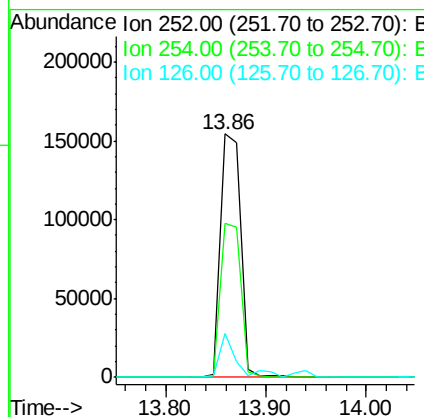
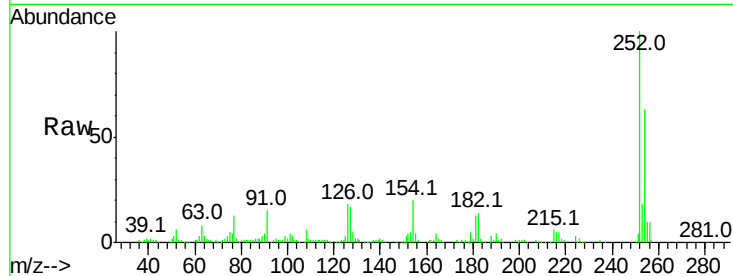
#81
 3,3'-Dichlorobenzidine
 Concen: 17.05 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.1	52.3	78.5
126	18.1	13.6	20.4

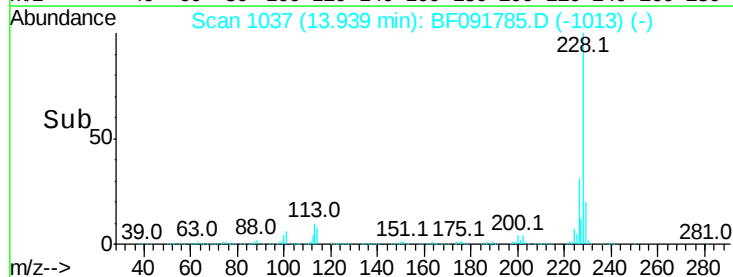
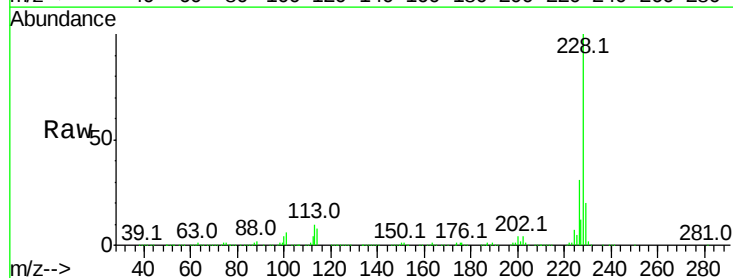
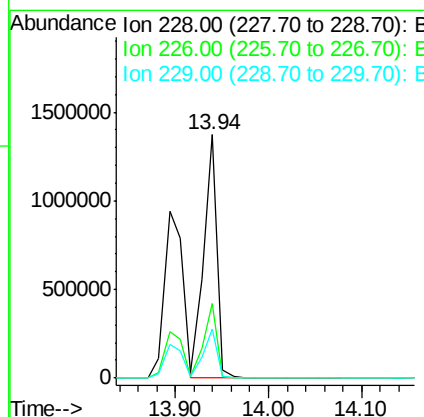
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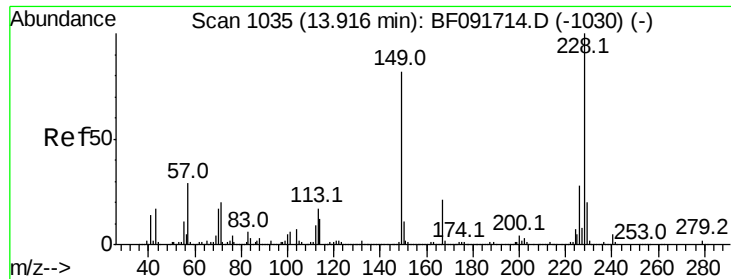
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#82
 Chrysene
 Concen: 41.82 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.4	38.0
229	20.1	16.2	24.2





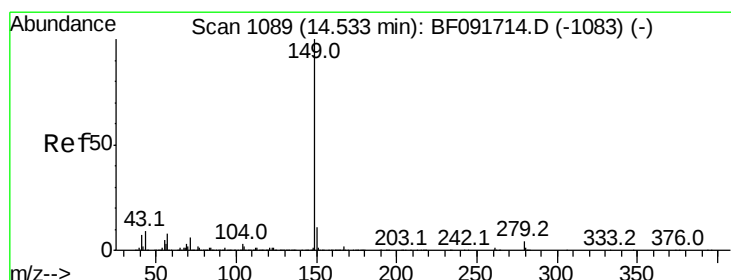
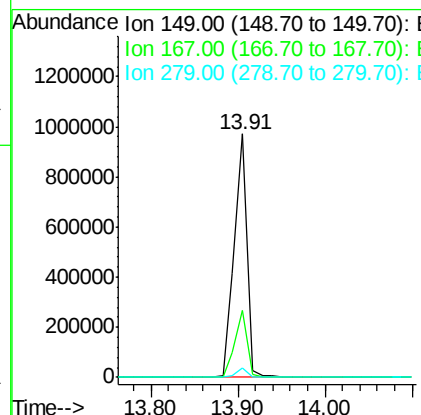
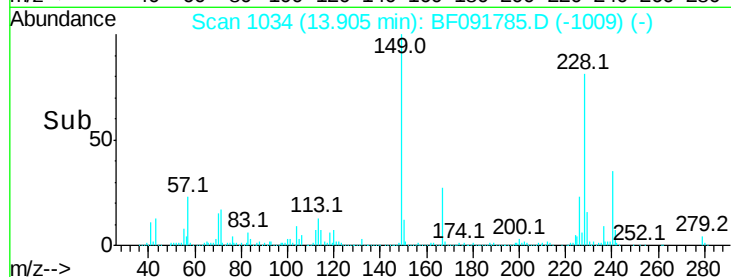
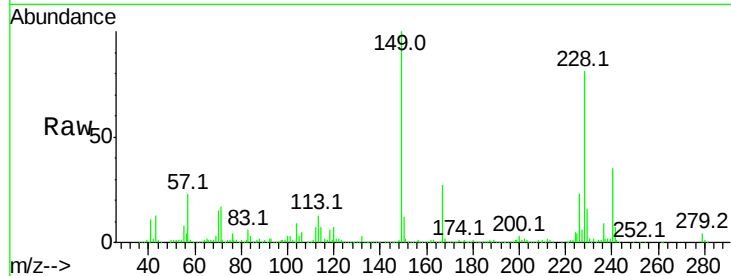
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.69 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	20.2	30.4	
279	3.7	1.8	2.8	

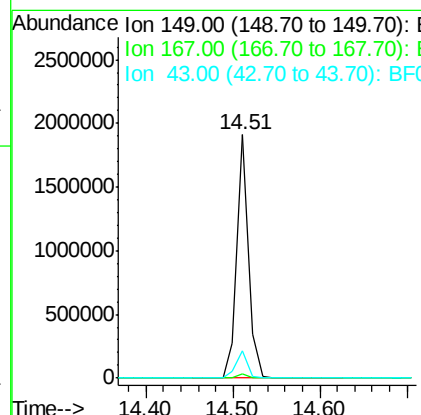
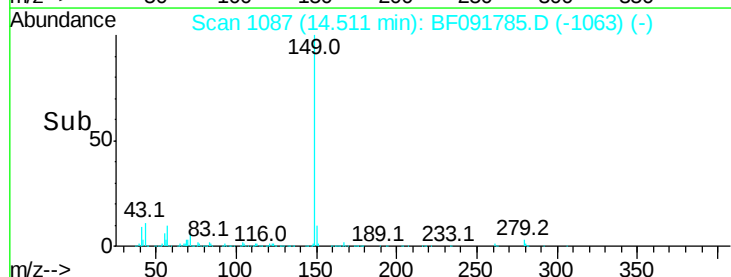
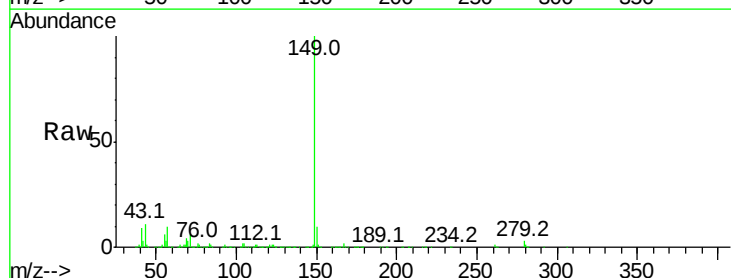
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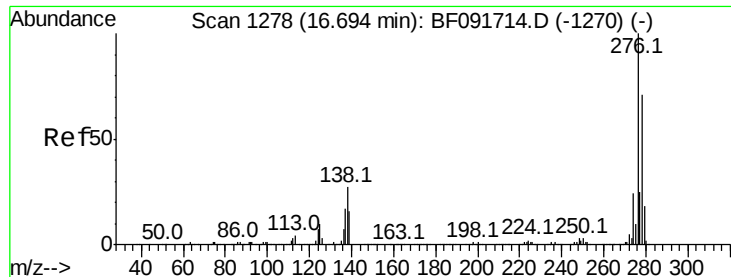
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#84
 Di-n-octyl phthalate
 Concen: 40.41 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF091785.D
 Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.1	8.9	13.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.97 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion:276 Resp: 1125338

Ion Ratio Lower Upper

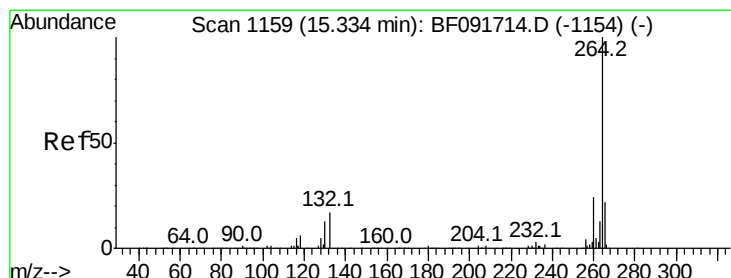
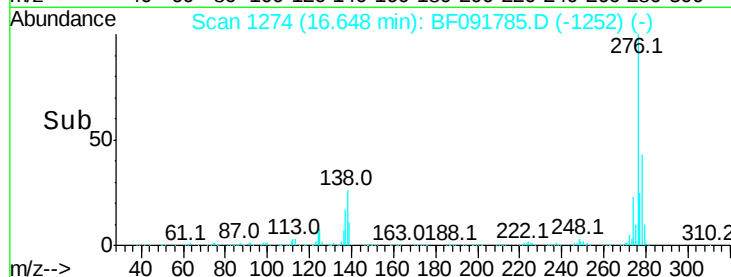
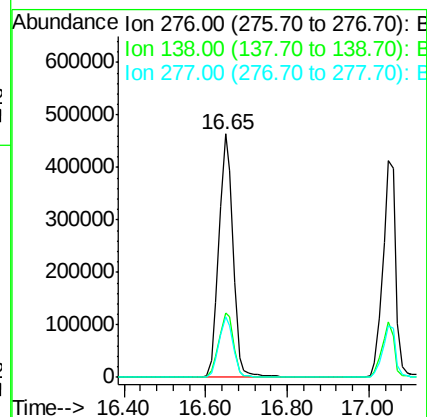
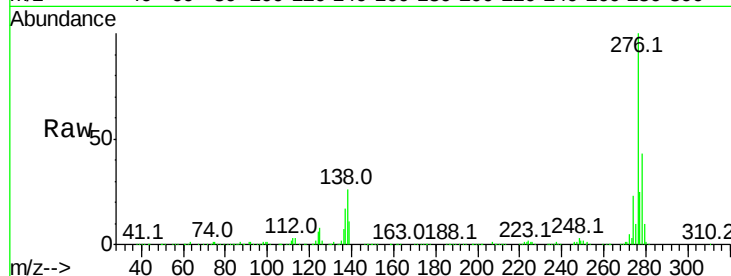
276 100

138 27.7 21.8 32.6

277 24.8 20.2 30.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

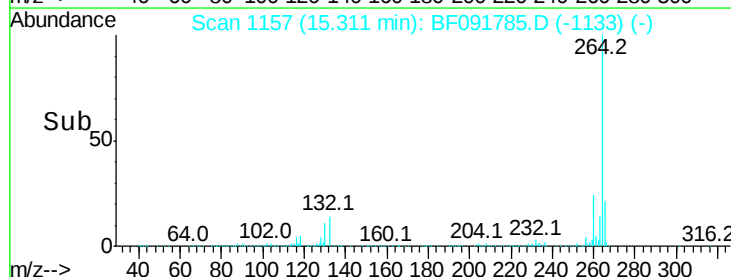
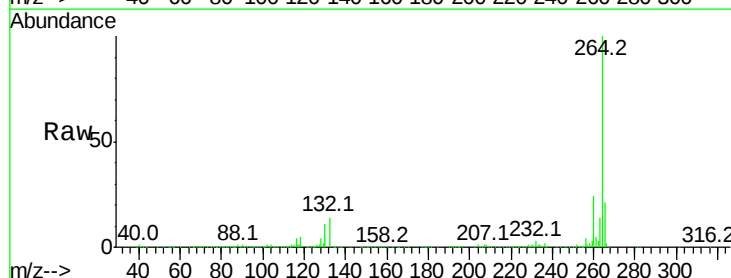
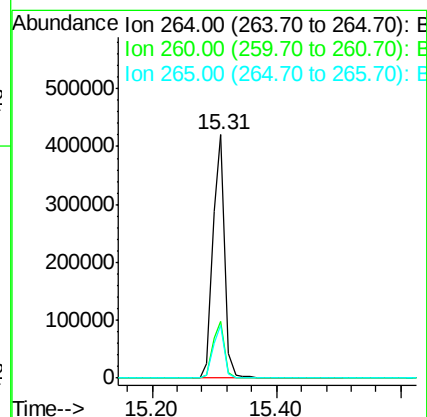
Tgt Ion:264 Resp: 544315

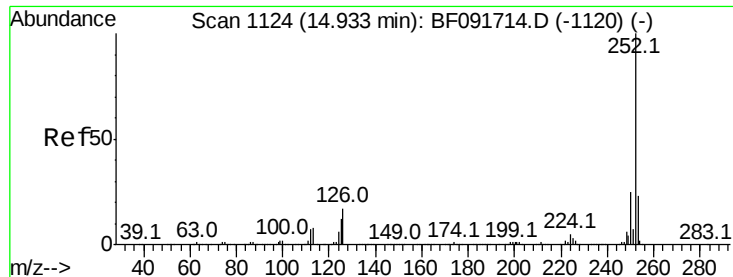
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 17.4 26.0





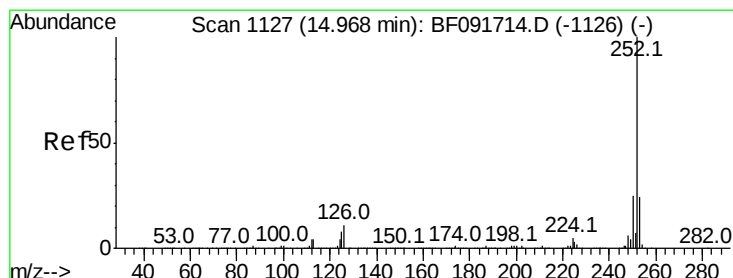
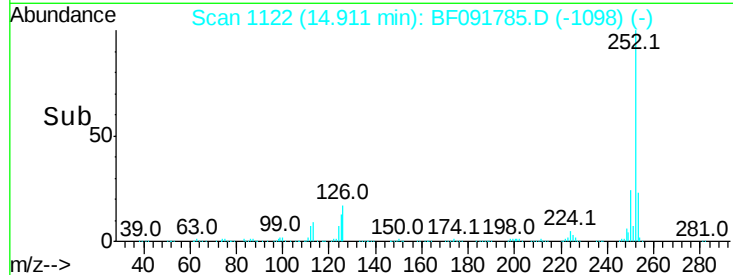
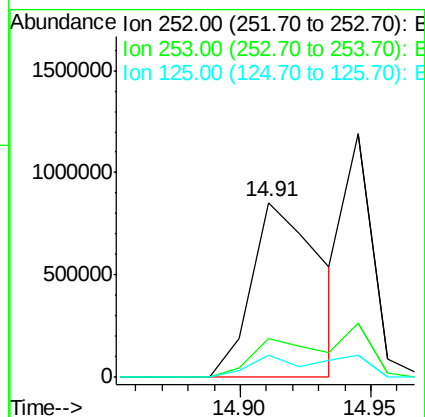
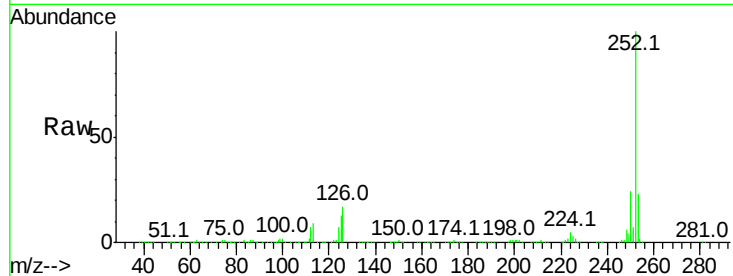
#87
Benzo(b)fluoranthene
Concen: 45.62 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.7	9.8	14.6

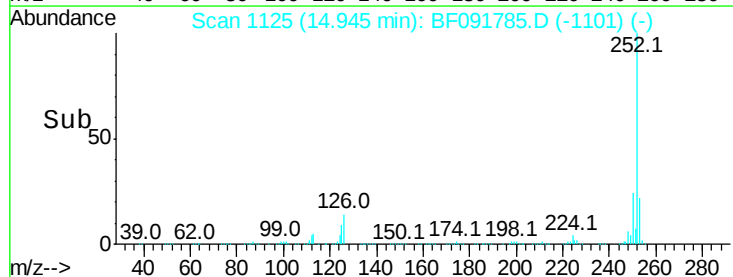
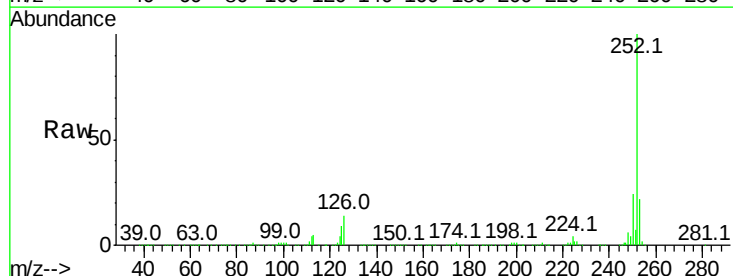
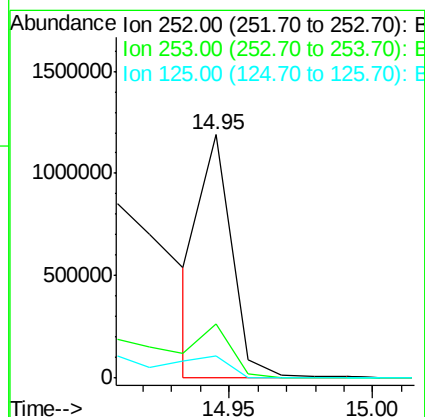
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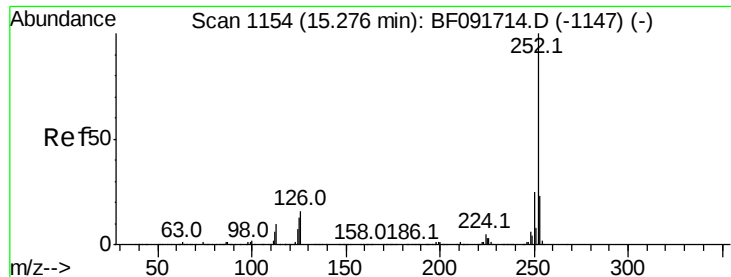
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#88
Benzo(k)fluoranthene
Concen: 37.13 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	9.3	8.9	13.3





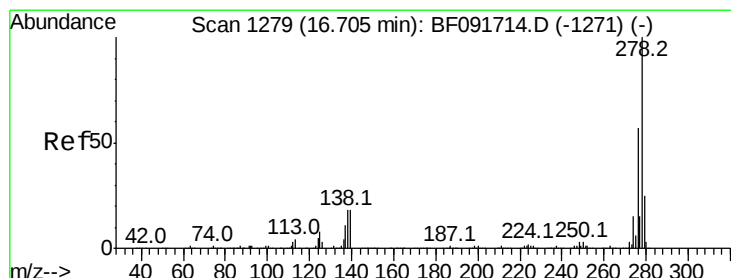
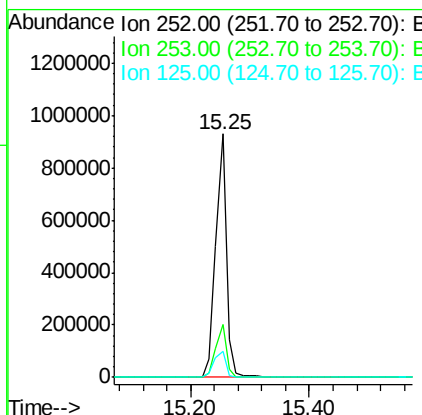
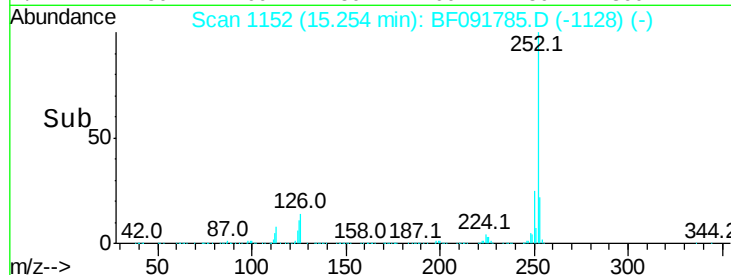
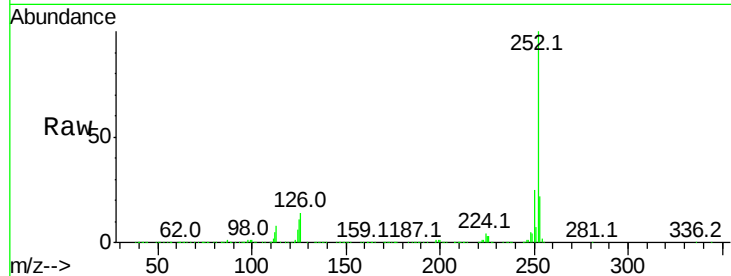
#89
Benzo(a)pyrene
Concen: 39.06 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Instrument :
BNA_F
ClientSampleId :
PB95441BSD

Tot Ion:252 Resp: 1157046
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.8 10.0 15.0

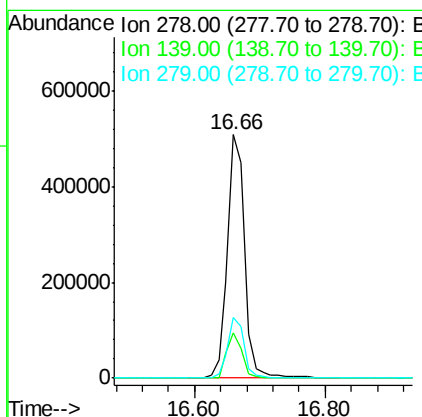
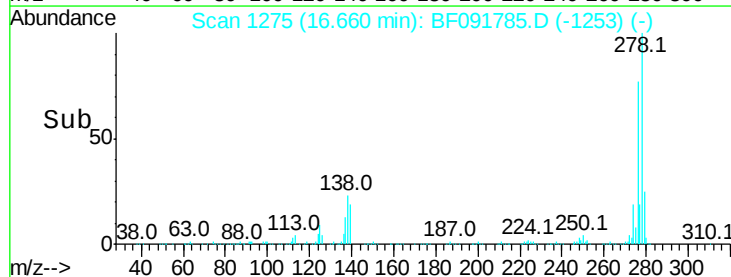
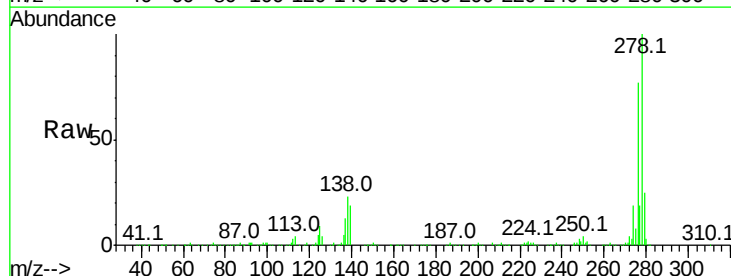
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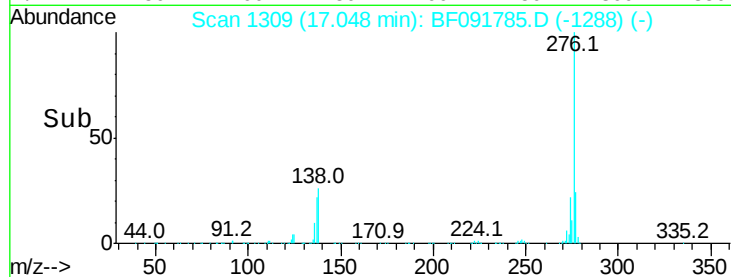
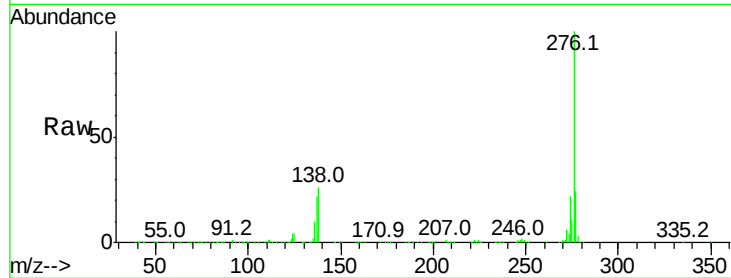
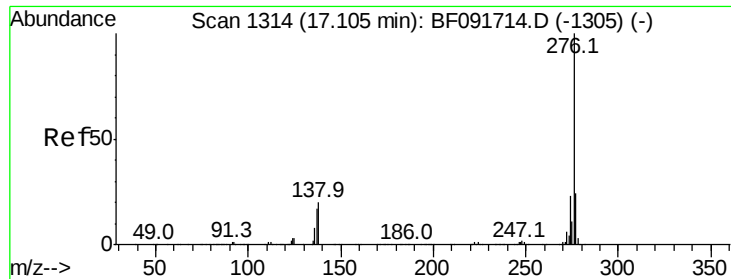
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#90
Dibenzo(a,h)anthracene
Concen: 36.07 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF091785.D
Acq: 19 Dec 2016 20:53

Tgt Ion:278 Resp: 931306
Ion Ratio Lower Upper
278 100
139 18.8 14.8 22.2
279 24.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 35.84 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.06 min

Lab File: BF091785.D

Acq: 19 Dec 2016 20:53

Instrument :

BNA_F

ClientSampleId :

PB95441BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.2	28.8
138	25.5	16.0	24.0

Manual Integrations
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