

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088255.D
 Acq On : 22 Jun 2016 17:53
 Operator : UM/SJ
 Sample : H3660-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Manual Integrations
 APPROVED

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 6/23/2016 7:03:31 PM

Quant Time: Jun 22 18:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	81614	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	346935	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	164432	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	291045	20.00	ng	0.00
75) Chrysene-d12	13.75	240	215310	20.00	ng	0.00
86) Perylene-d12	15.11	264	174264	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	681795	142.81	ng	0.02
7) Phenol-d6	6.27	99	785872	135.83	ng	0.01
23) Nitrobenzene-d5	7.19	82	535034	90.05	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	188736	108.70	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	883012	84.32	ng	0.00
78) Terphenyl-d14	12.70	244	686110	72.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	81226	35.02	ng	# 28
3) Pyridine	2.73	79	228067	41.64	ng	90
4) n-Nitrosodimethylamine	2.70	42	100149	43.17	ng	# 78
6) Aniline	6.27	93	279340	33.92	ng	# 52
8) 2-Chlorophenol	6.40	128	282902	50.06	ng	82
10) Phenol	6.28	94	362023	61.52	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	268163	52.86	ng	88
12) 1,3-Dichlorobenzene	6.55	146	284536m	46.93	ng	
13) 1,4-Dichlorobenzene	6.62	146	287413	47.06	ng	95
14) 1,2-Dichlorobenzene	6.78	146	265980	47.89	ng	95
15) Benzyl Alcohol	6.76	79	190338	42.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	278788	40.67	ng	69
17) 2-Methylphenol	6.89	107	231151	50.44	ng	95
18) Hexachloroethane	7.11	117	101283	46.73	ng	# 85
19) n-Nitroso-di-n-propylamine	7.04	70	177535	47.97	ng	# 86
20) 3+4-Methylphenols	7.05	107	295543	55.27	ng	# 76
22) Acetophenone	7.03	105	362986	46.82	ng	# 98
24) Nitrobenzene	7.20	77	272502	47.35	ng	91
25) Isophorone	7.44	82	526713	47.86	ng	99
26) 2-Nitrophenol	7.52	139	166464	54.00	ng	# 81
27) 2,4-Dimethylphenol	7.58	122	257003	45.28	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	321418	47.09	ng	# 96
29) 2,4-Dichlorophenol	7.77	162	242057	51.08	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	243253	47.14	ng	99
31) Naphthalene	7.92	128	806866	47.00	ng	98
32) Benzoic acid	7.71	122	64039	20.49	ng	94
33) 4-Chloroaniline	7.98	127	288270	37.60	ng	95
34) Hexachlorobutadiene	8.03	225	123700	45.45	ng	99
35) Caprolactam	8.36	113	86881m	55.35	ng	
36) 4-Chloro-3-methylphenol	8.48	107	254323	50.18	ng	99
37) 2-Methylnaphthalene	8.60	142	513707m	45.40	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	229537	60.79	ng	# 1
40) Hexachlorocyclopentadiene	8.75	237	109889	41.43	ng	99
42) 2,4,6-Trichlorophenol	8.89	196	144659	43.99	ng	95

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Quant Time: Jun 22 18:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	158482	46.33	nq	# 91
45) 1,1'-Biphenyl	9.07	154	656121	54.47	nq	97
46) 2-Chloronaphthalene	9.10	162	511723	48.09	nq	97
47) 2-Nitroaniline	9.20	65	135336	43.12	nq	92
48) Acenaphthylene	9.51	152	753304	44.51	nq	99
49) Dimethylphthalate	9.39	163	849787	71.34	nq	99
50) 2,6-Dinitrotoluene	9.45	165	149147	54.68	nq	100
51) Acenaphthene	9.68	154	475117	45.00	nq	98
52) 3-Nitroaniline	9.61	138	127402	40.48	nq	100
53) 2,4-Dinitrophenol	9.74	184	66715	49.87	nq	# 75
54) Dibenzofuran	9.85	168	638071	43.88	nq	91
55) 4-Nitrophenol	9.80	139	143007	58.54	nq	92
56) 2,4-Dinitrotoluene	9.85	165	144529	41.23	nq	# 44
57) Fluorene	10.19	166	507319	52.43	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	129574	48.20	nq	# 57
59) Diethylphthalate	10.08	149	553842	45.94	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	205015	42.40	nq	96
61) 4-Nitroaniline	10.24	138	159793	53.52	nq	92
62) Azobenzene	10.34	77	544913	45.70	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	97126	53.21	nq	# 79
65) n-Nitrosodiphenylamine	10.31	169	464015	48.05	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	151314	48.46	nq	95
67) Hexachlorobenzene	10.73	284	146691	45.22	nq	98
68) Atrazine	10.84	200	151855	51.93	nq	94
69) Pentachlorophenol	10.94	266	119333	69.78	nq	97
70) Phenanthrene	11.14	178	711974	46.62	nq	100
71) Anthracene	11.20	178	775047	50.31	nq	99
72) Carbazole	11.36	167	754589	52.34	nq	100
73) Di-n-butylphthalate	11.69	149	837248	45.88	nq	100
74) Fluoranthene	12.32	202	756815	46.96	nq	96
76) Benzidine	12.46	184	417382	70.01	nq	98
77) Pyrene	12.55	202	708777	44.36	nq	100
79) Butylbenzylphthalate	13.18	149	373213	52.83	nq	92
80) Benzo(a)anthracene	13.74	228	509584	41.53	nq	100
81) 3,3'-Dichlorobenzidine	13.70	252	153477	46.51	nq	# 98
82) Chrysene	13.77	228	556239	48.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	390842	45.45	nq	99
84) Di-n-octyl phthalate	14.34	149	729471	52.21	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.37	276	483009	45.04	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	504413m	41.53	nq	
88) Benzo(k)fluoranthene	14.77	252	461100m	50.33	nq	
89) Benzo(a)pyrene	15.05	252	479008	48.74	nq	99
90) Dibenzo(a,h)anthracene	16.37	278	403920	44.26	nq	98
91) Benzo(g,h,i)perylene	16.74	276	428427	45.63	nq	96

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

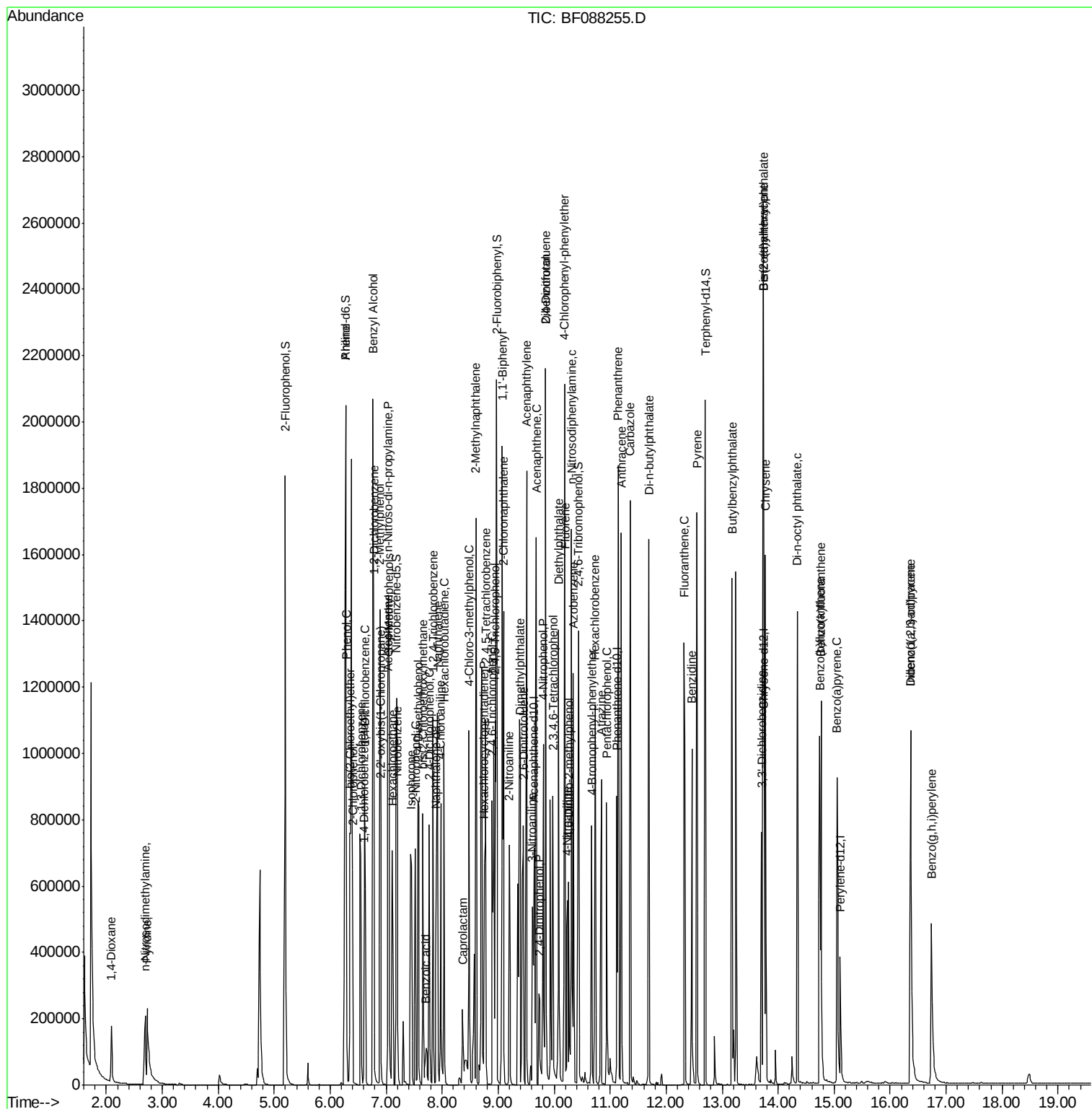
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088255.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

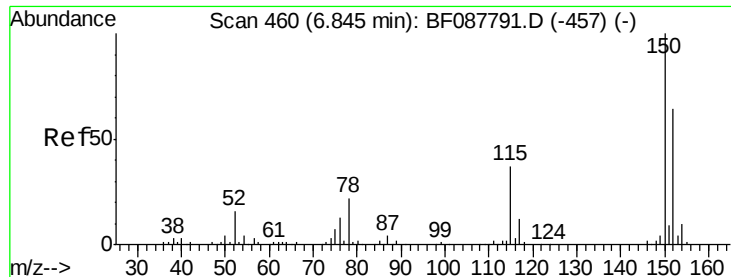
Instrument :
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SB-1(3.5-4)MSD

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#1

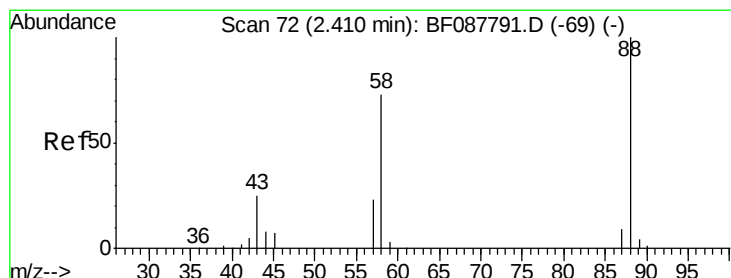
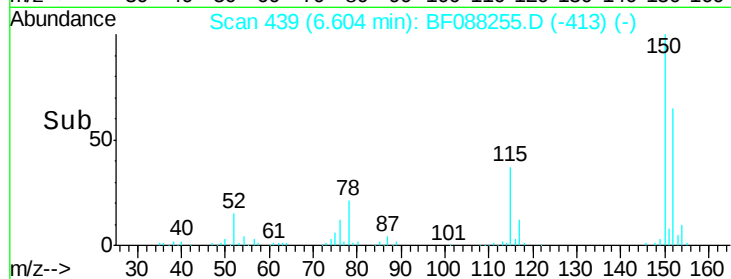
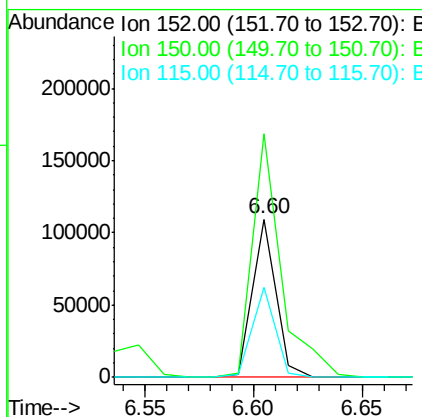
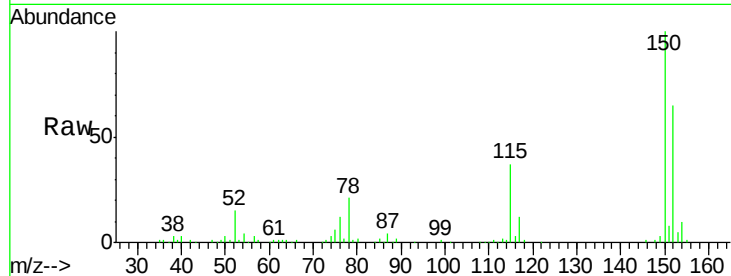
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	57.1	39.6	59.4

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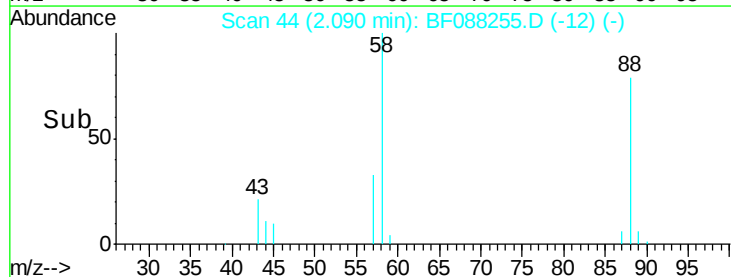
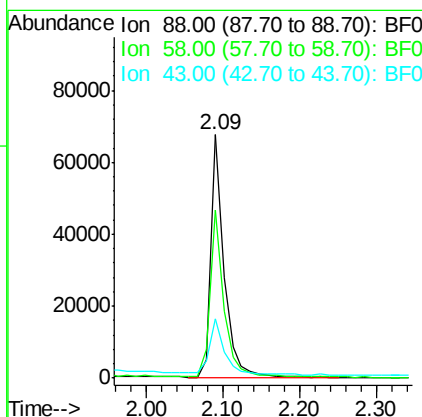
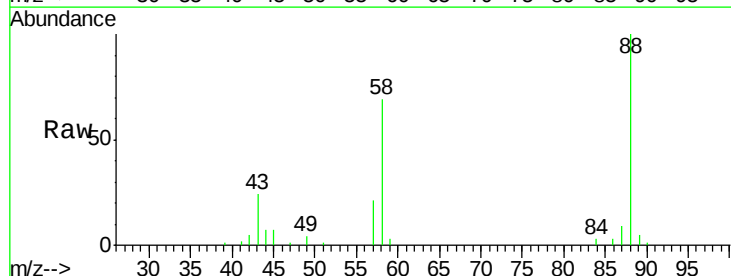
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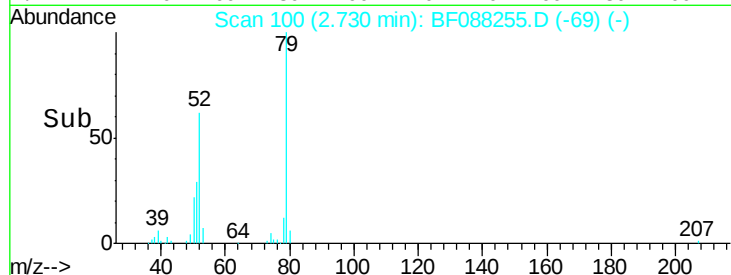
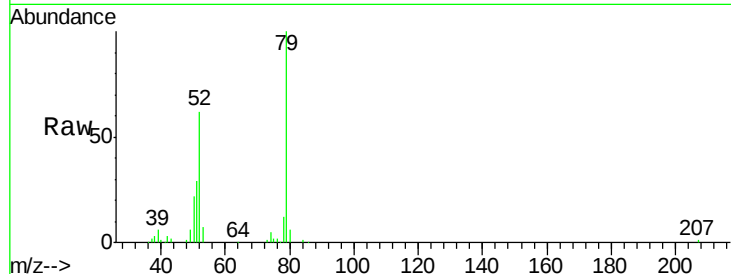


#2

1,4-Dioxane
Concen: 35.02 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.07 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	0.0	0.0#
43	27.9	3.4	5.2#





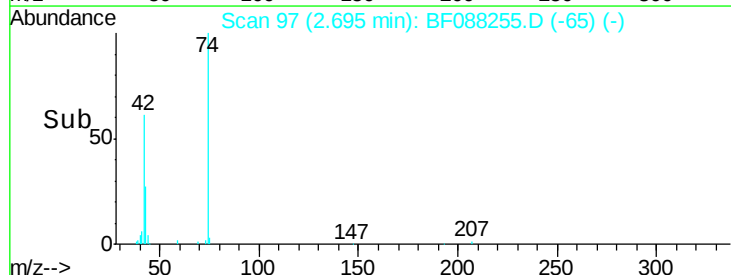
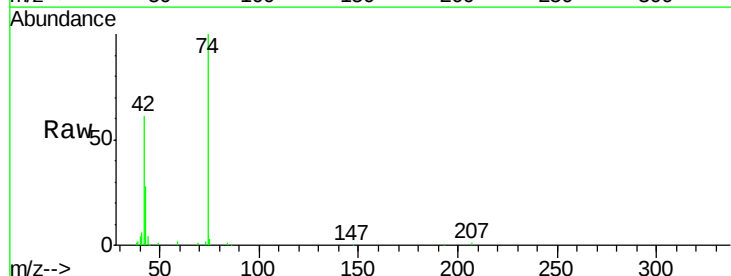
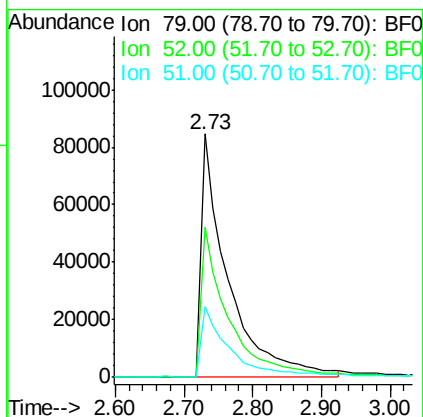
#3
 Pvrindine
 Concen: 41.64 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.06 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	228067		
52	52	61.6		56.3	84.5
51	51	29.1		27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

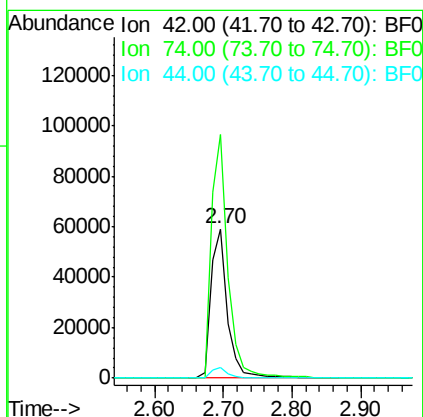
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#4
 n-Nitrosodimethylamine
 Concen: 43.17 ng
 RT: 2.70 min Scan# 97
 Delta R.T. 0.07 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	100149		
74	74	163.5		108.6	163.0#
44	44	7.1		5.5	8.3





#5

2-Fluorophenol

Concen: 142.81 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.02 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

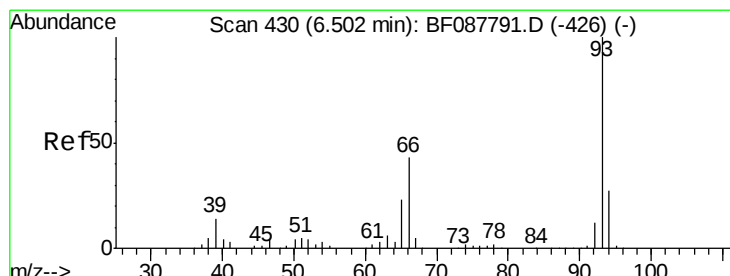
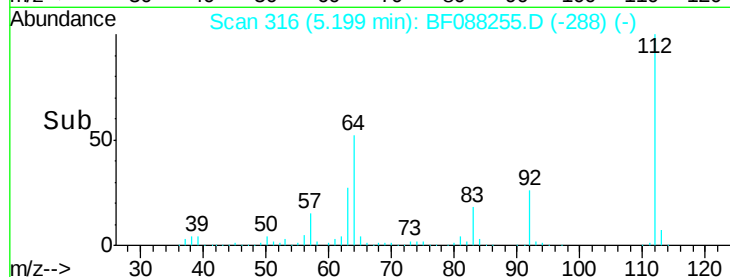
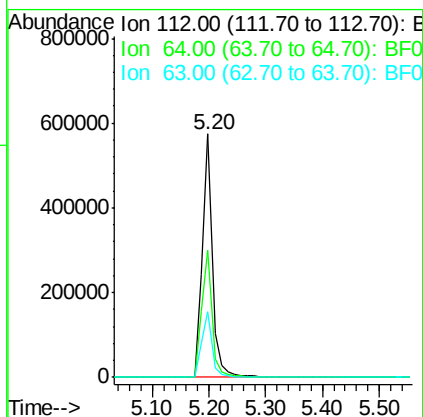
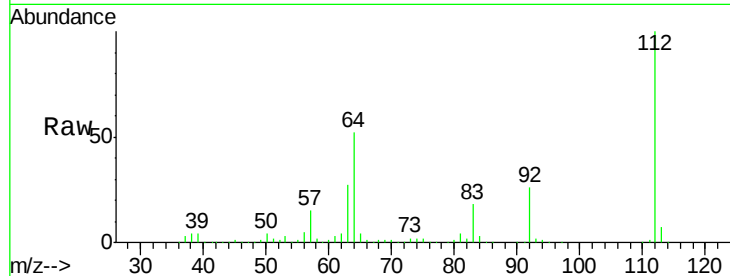
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	112	Resp:	681795
Ion Ratio	Lower	Upper	
112	100		
64	52.0	42.2	63.2
63	27.2	21.8	32.8

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#6

Aniline

Concen: 33.92 ng

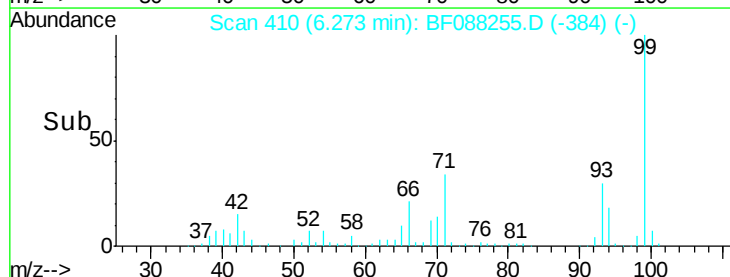
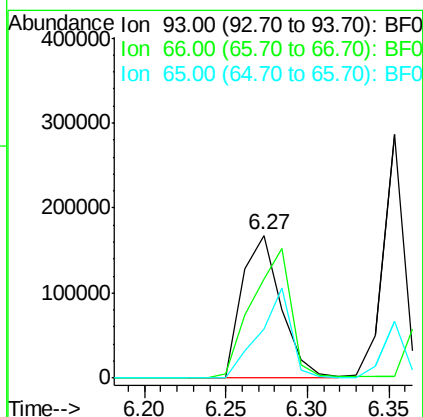
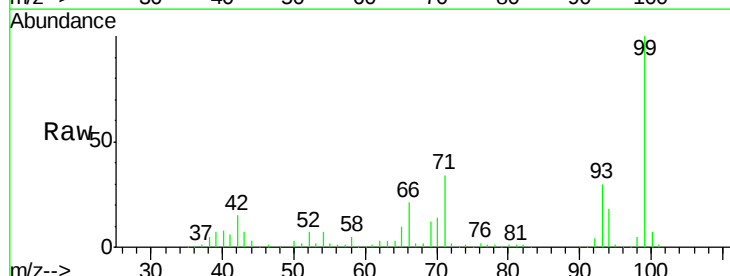
RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	93	Resp:	279340
Ion Ratio	Lower	Upper	
93	100		
66	69.7	29.8	44.8#
65	34.6	14.9	22.3#





#7

Phenol-d6

Concen: 135.83 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

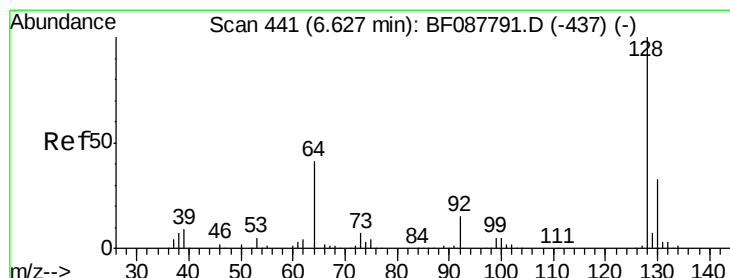
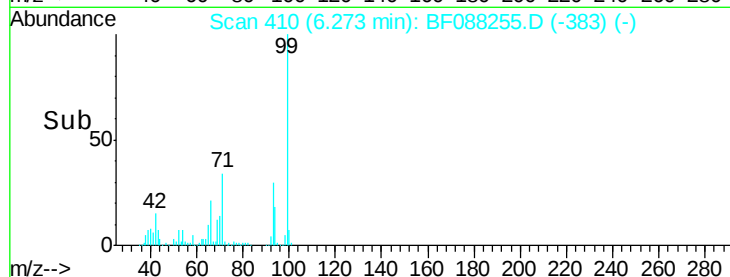
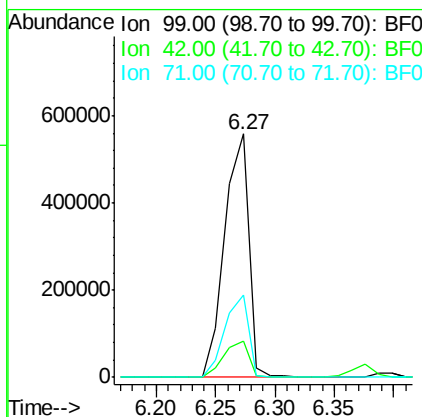
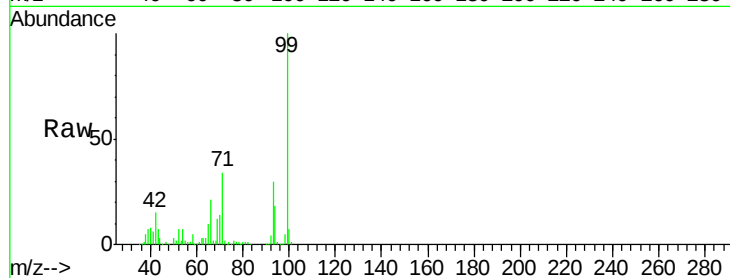
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	99	Resp:	785872
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.2	18.2
71	33.9	23.4	35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.06 ng

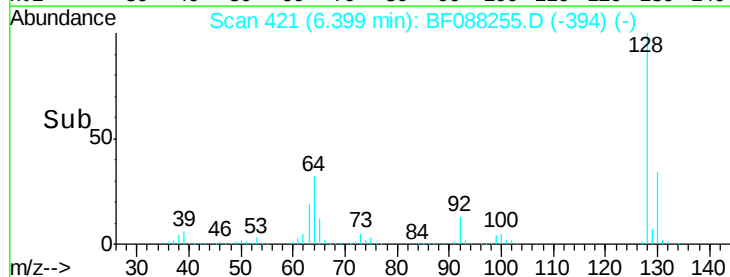
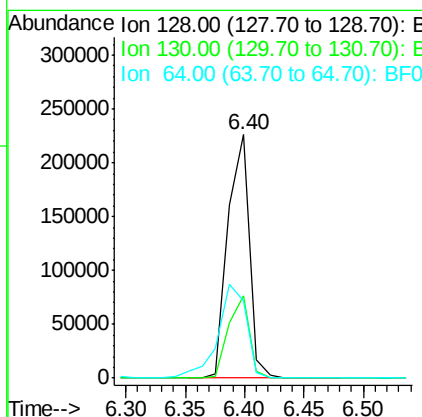
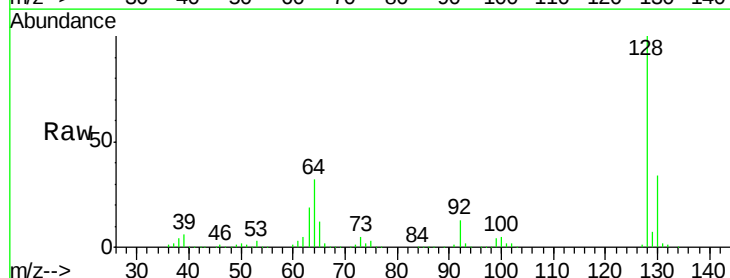
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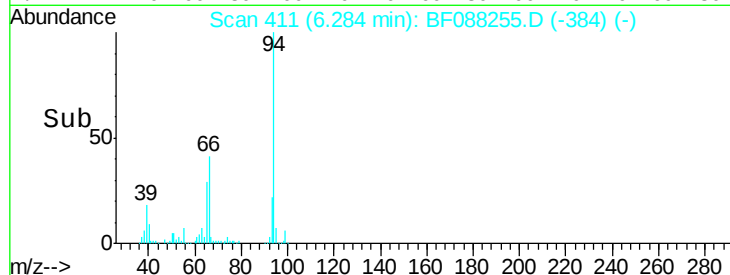
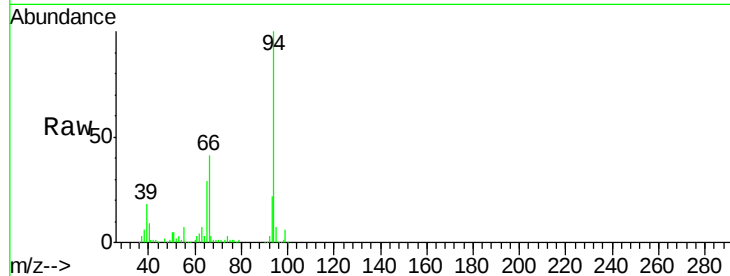
Delta R.T. 0.01 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	128	Resp:	282902
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.0	52.0
64	31.5	30.8	70.8





#10

Phenol

Concen: 61.52 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tot Ion:	94	Resp:	362023
Ion Ratio	Lower	Upper	
94	100		
65	28.7	5.9	45.9
66	40.9	14.0	54.0

Instrument :

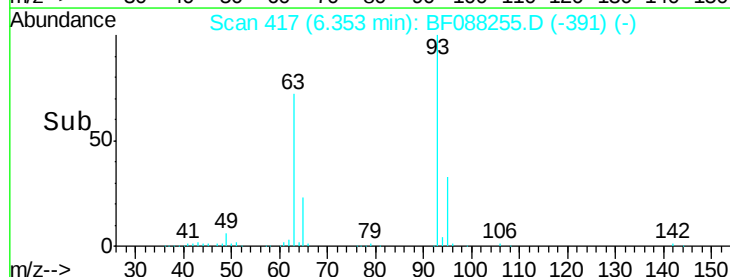
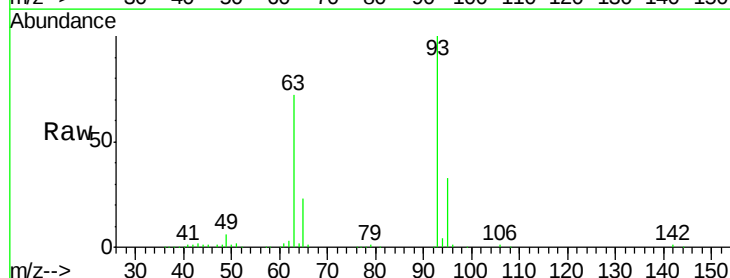
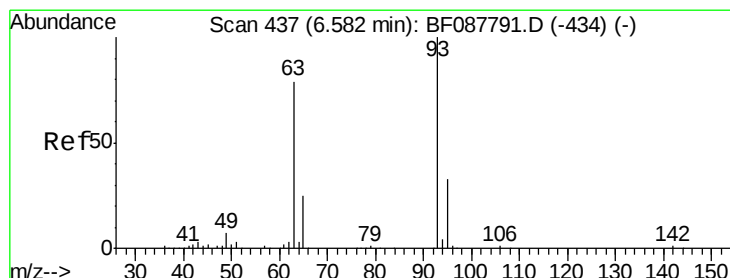
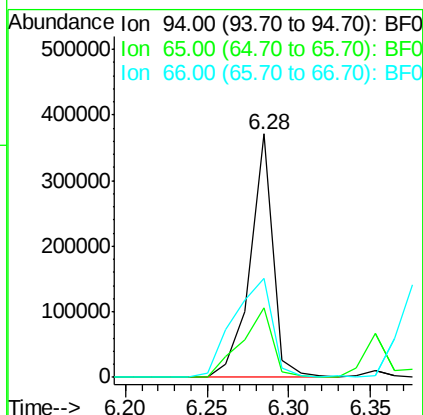
BNA_F

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#11

bis(2-Chloroethyl)ether

Concen: 52.86 ng

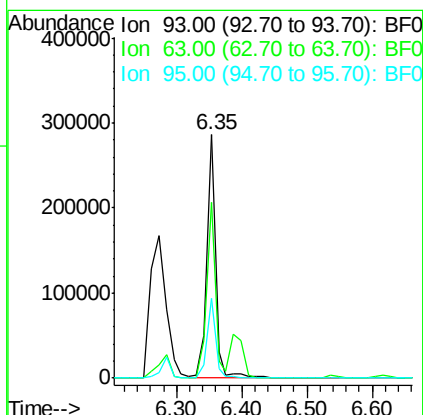
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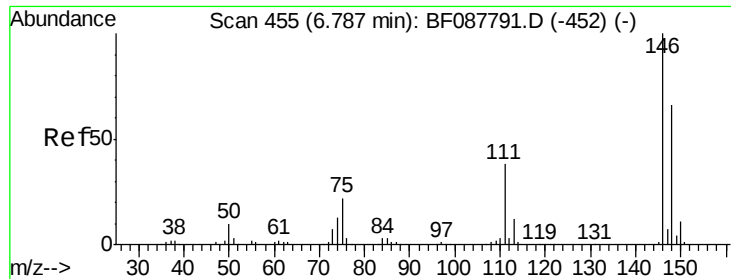
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	93	Resp:	268163
Ion Ratio	Lower	Upper	
93	100		
63	72.1	67.6	107.6
95	33.0	12.5	52.5





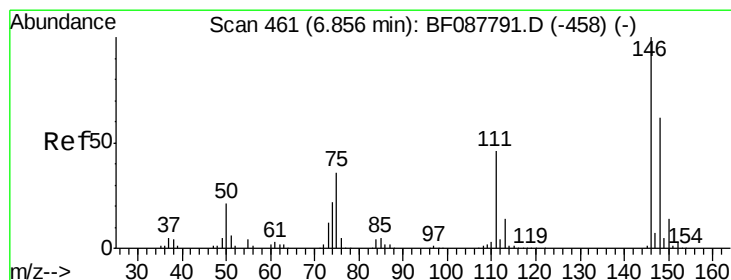
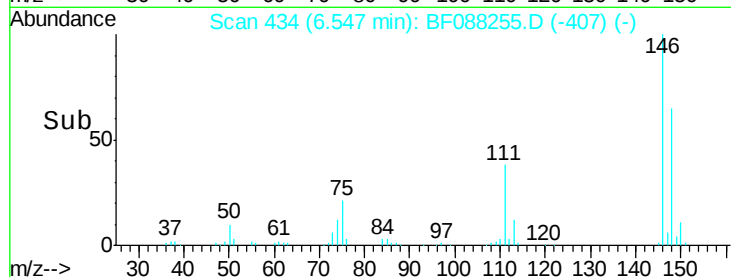
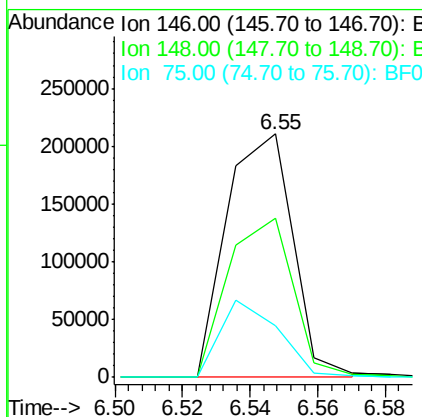
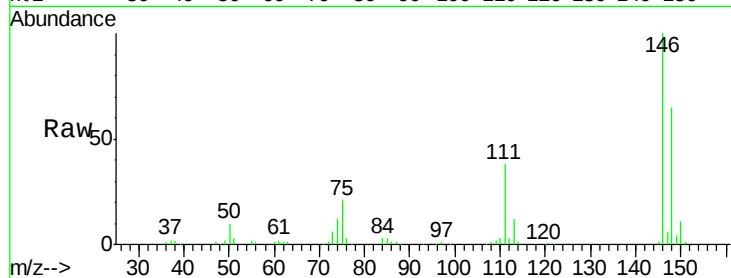
#12
 1,3-Dichlorobenzene
 Concen: 46.93 ng/mL
 RT: 6.55 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	21.1	25.6	38.4

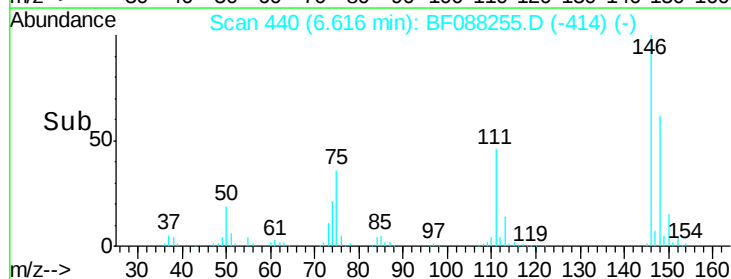
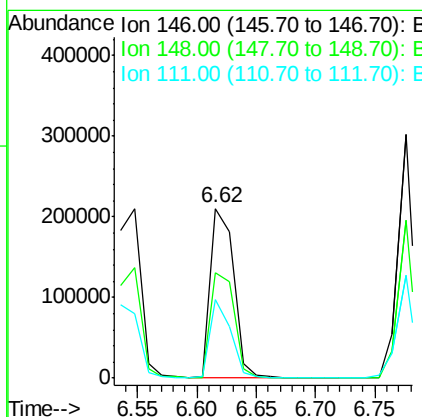
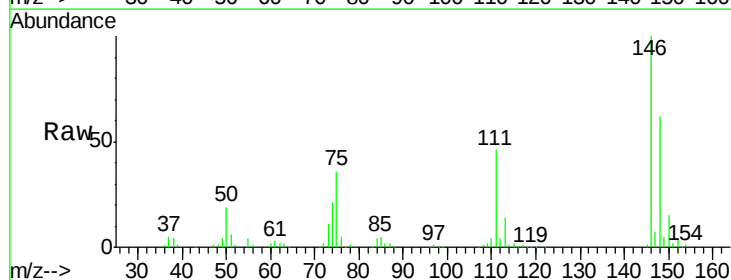
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#13
 1,4-Dichlorobenzene
 Concen: 47.06 ng/mL
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.0	78.0
111	46.0	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 47.89 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

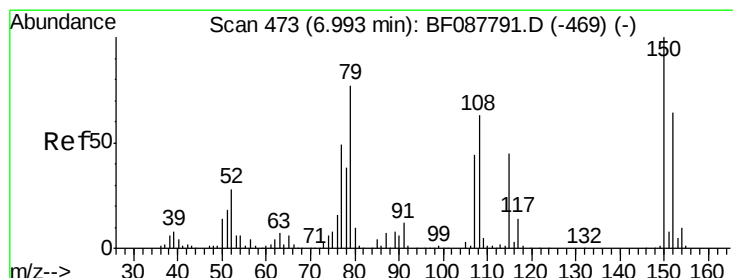
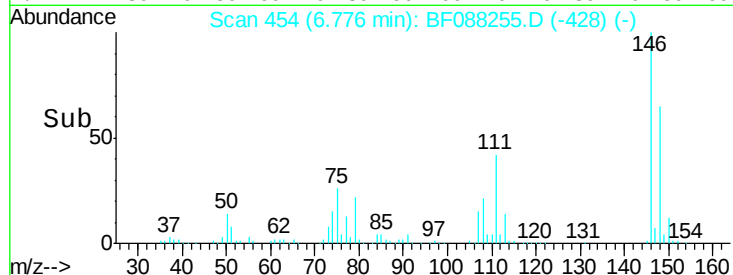
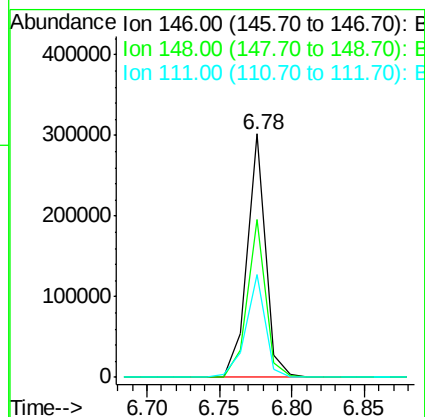
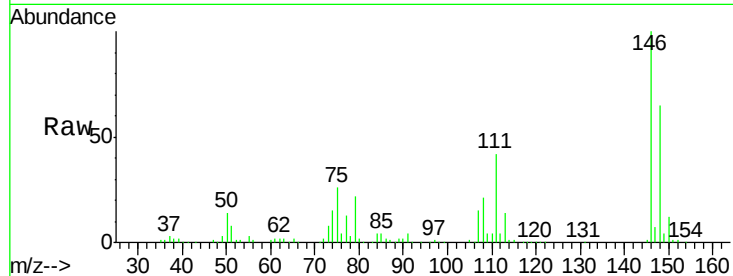
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	146	Resp:	265980
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.3	78.5
111	42.4	28.7	43.1

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#15

Benzyl Alcohol

Concen: 42.05 ng

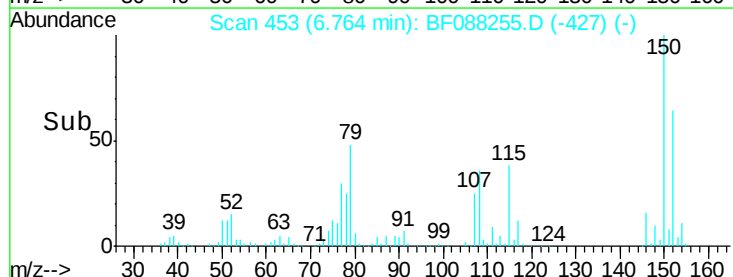
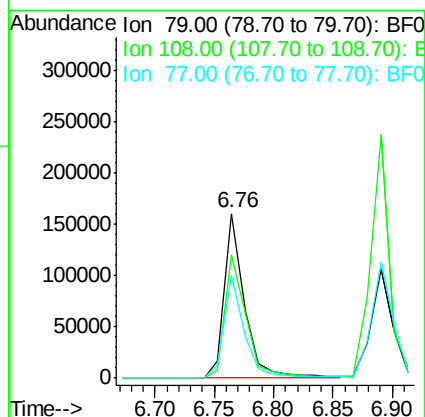
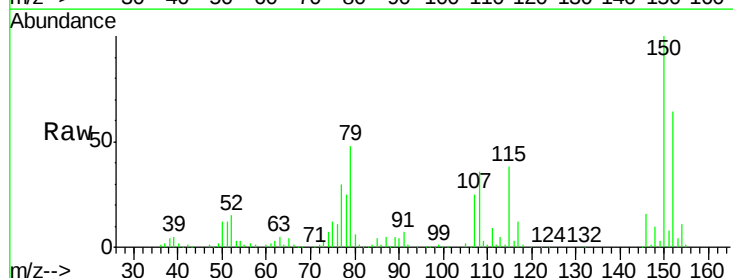
RT: 6.76 min Scan# 453

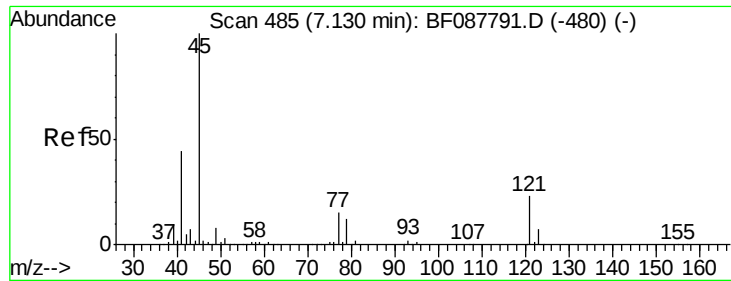
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	79	Resp:	190338
Ion Ratio	Lower	Upper	
79	100		
108	75.0	65.0	97.6
77	62.8	50.3	75.5





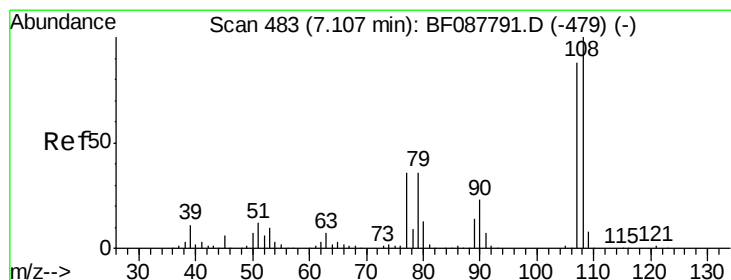
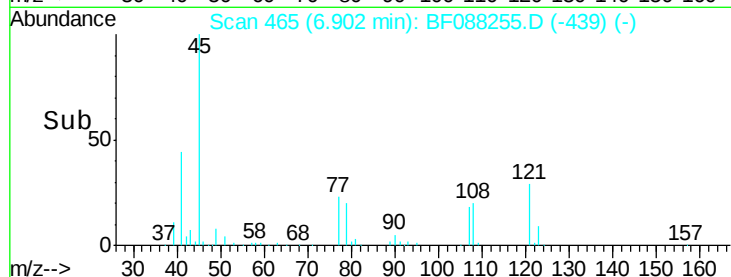
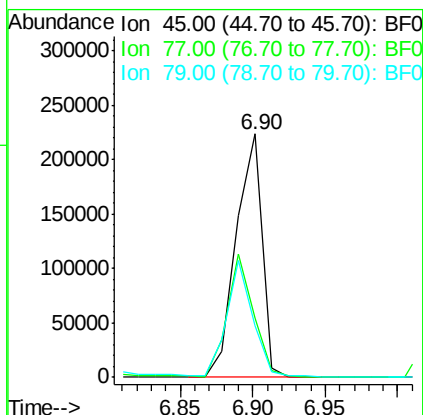
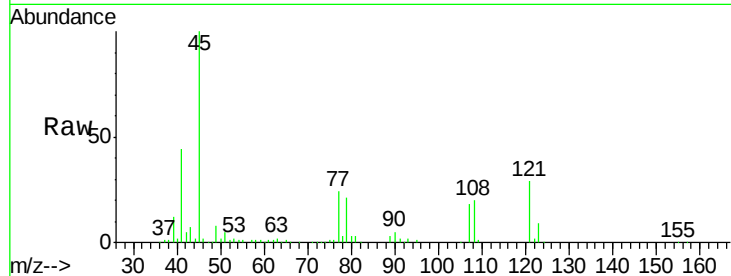
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.67 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	32.5
79	21.0	0.0	29.5

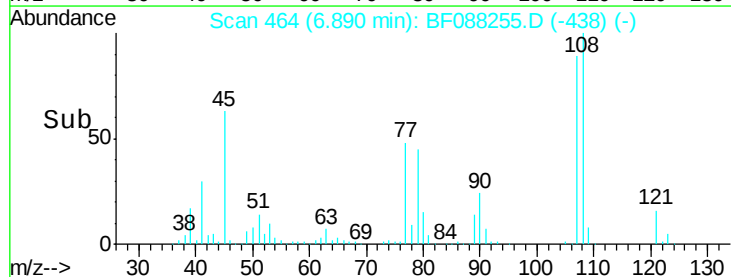
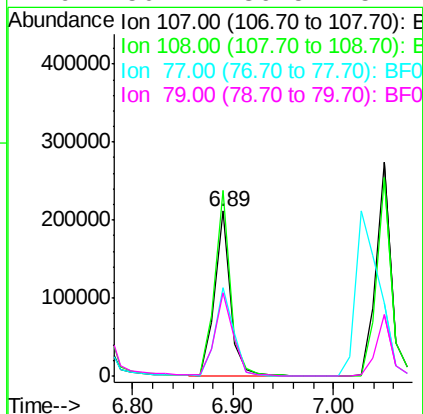
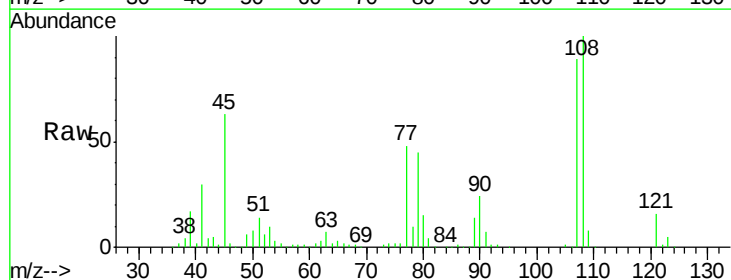
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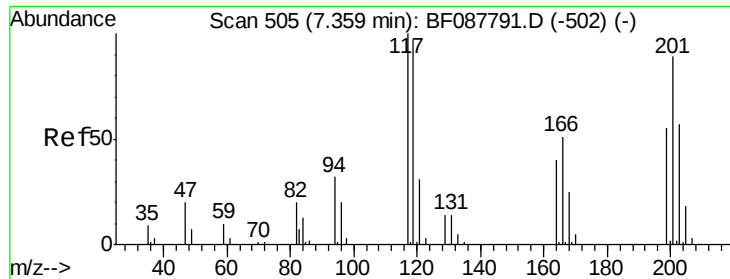
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#17
2-Methylphenol
Concen: 50.44 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.9	136.3
77	53.7	36.6	55.0
79	50.7	36.5	54.7





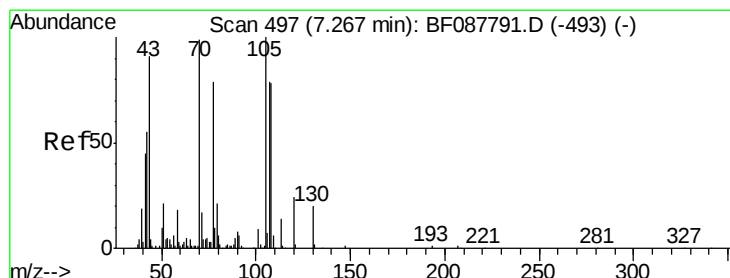
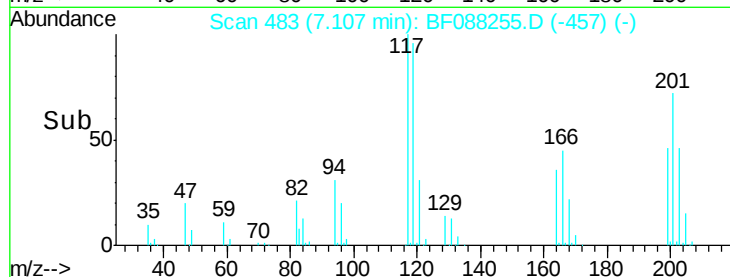
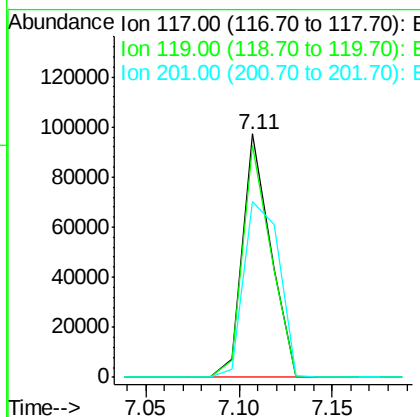
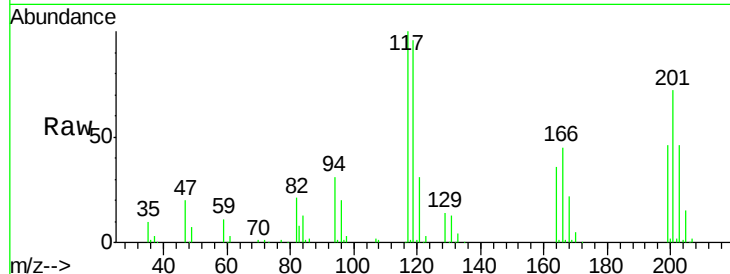
#18
Hexachloroethane
Concen: 46.73 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.6	77.4	116.2		
201	72.2	80.4	120.6		

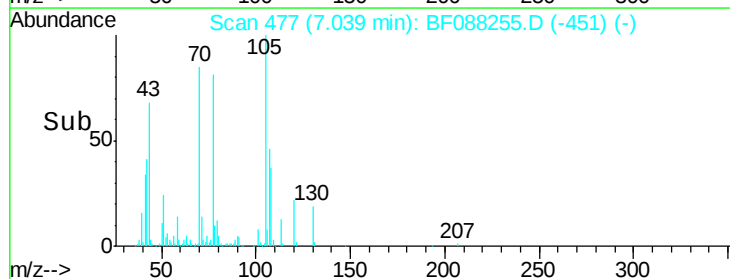
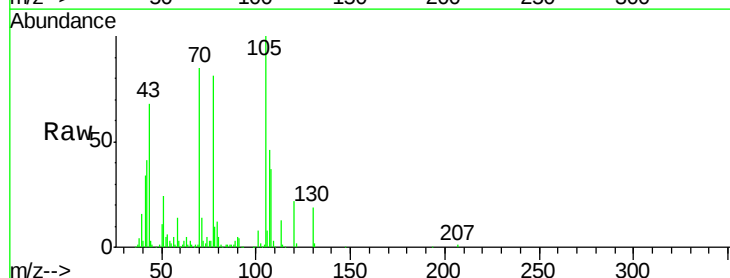
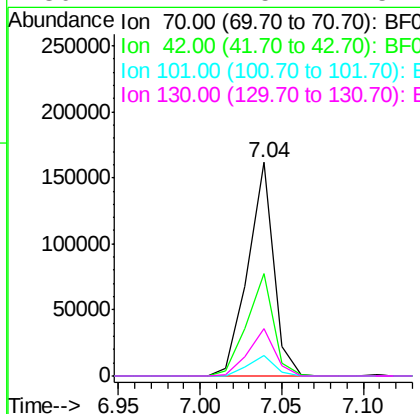
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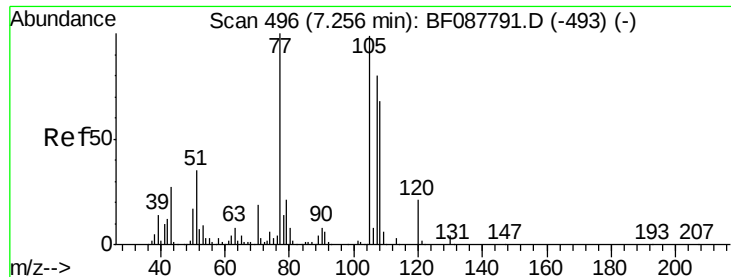
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#19
n-Nitroso-di-n-propylamine
Concen: 47.97 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.1	49.6	74.4		
101	9.8	7.1	10.7		
130	22.1	15.4	23.2		





#20

3+4-Methylphenols

Concen: 55.27 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

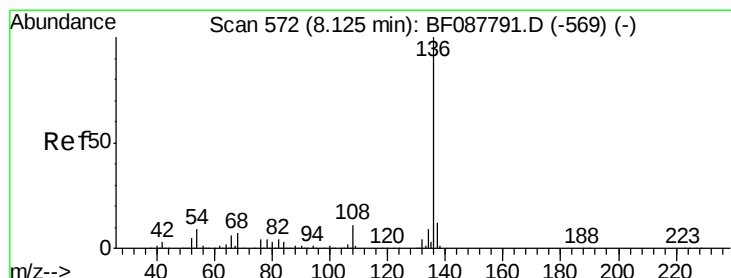
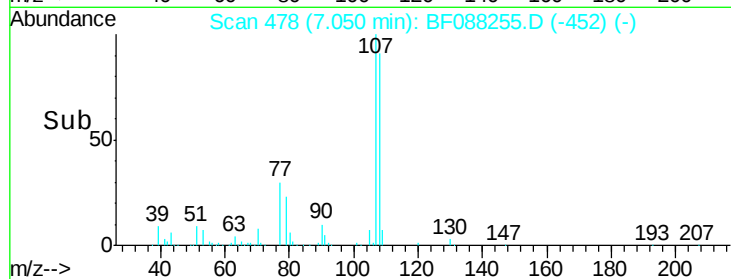
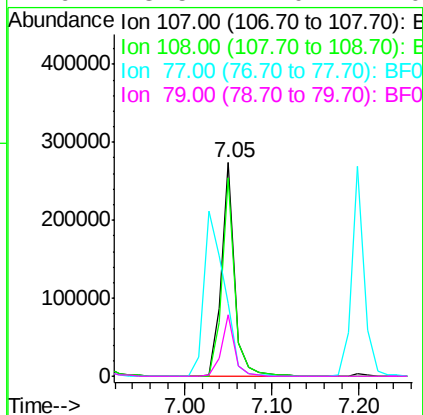
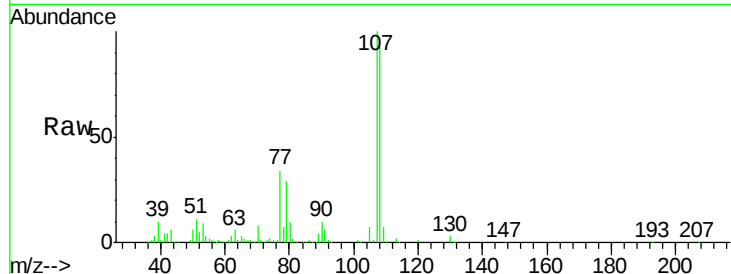
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	295543		
108	92.6	67.8	107.8	
77	34.2	59.3	99.3#	
79	28.5	7.0	47.0	

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#21

Naphthalene-d8

Concen: 20.00 ng

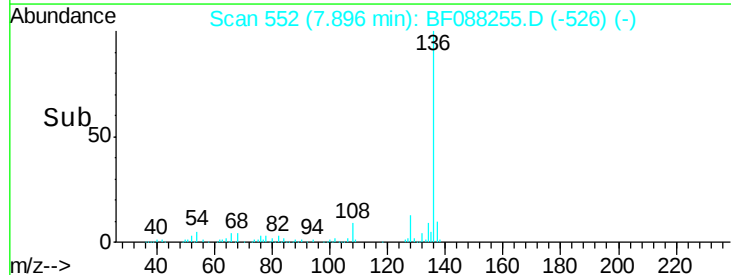
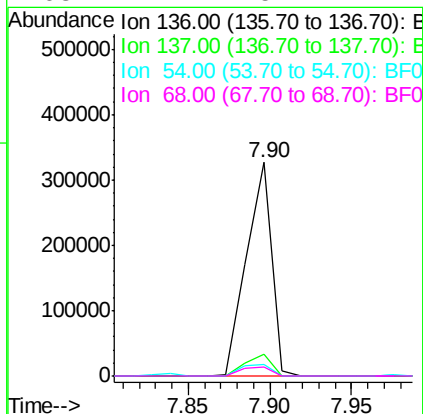
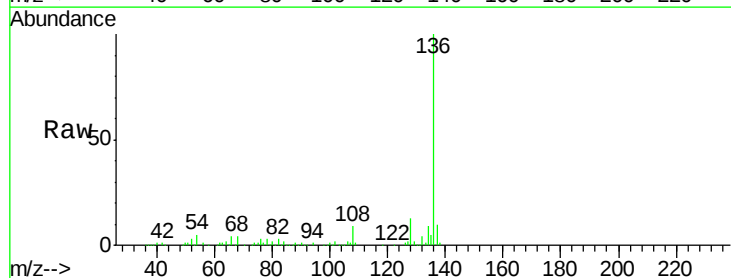
RT: 7.90 min Scan# 552

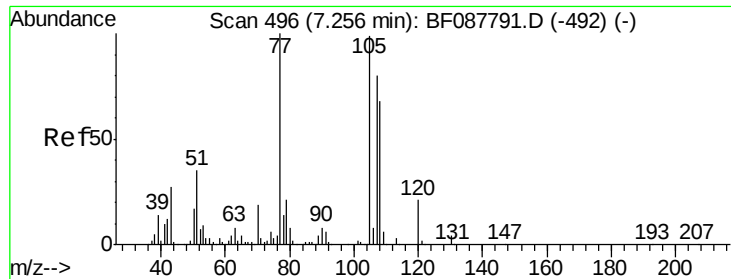
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	346935		
137	10.5	9.1	13.7	
54	5.2	6.6	10.0#	
68	4.4	5.1	7.7#	





#22

Acetophenone

Concen: 46.82 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

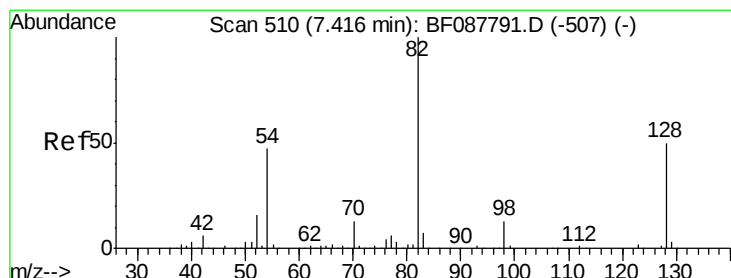
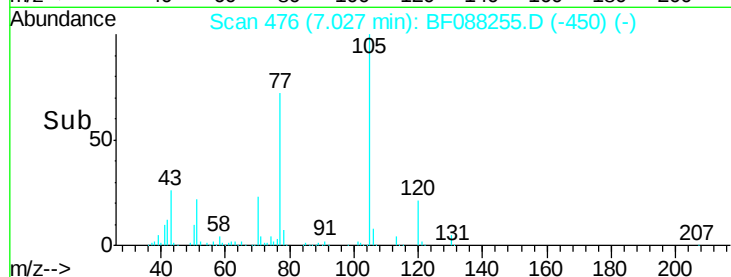
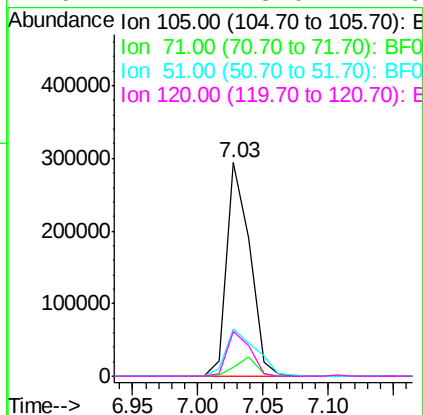
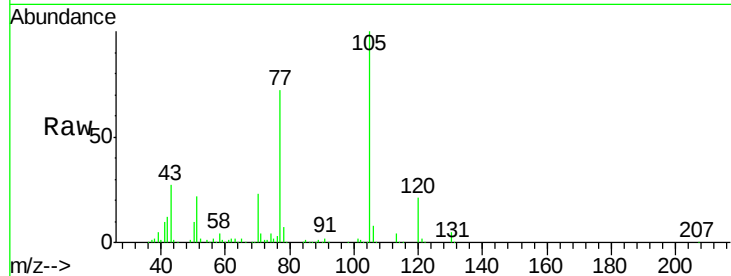
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	362986		
71	71	3.9	5.3	7.9#	
51	51	22.5	18.2	27.4	
120	120	21.2	18.0	27.0	

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#23

Nitrobenzene-d5

Concen: 90.05 ng

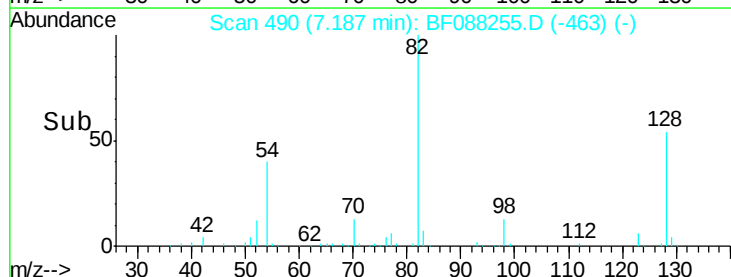
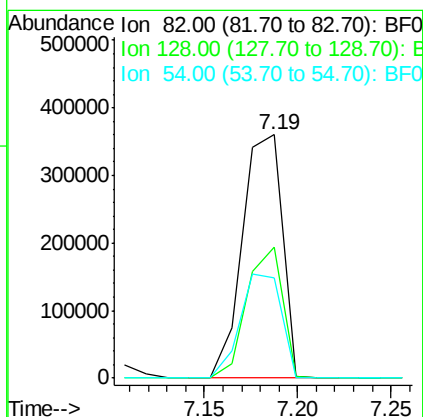
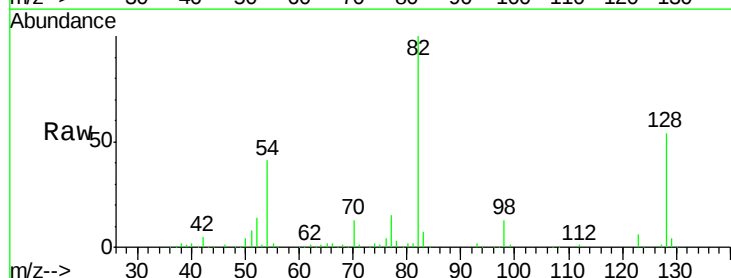
RT: 7.19 min Scan# 490

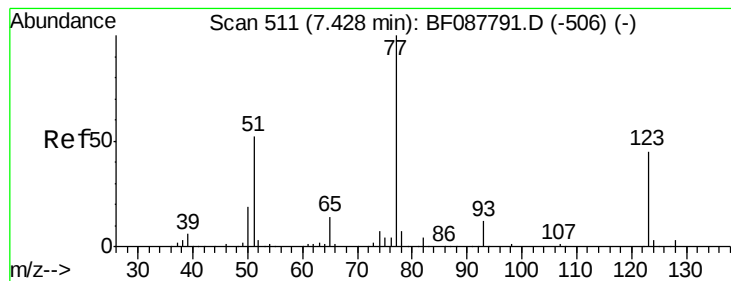
Delta R.T. 0.01 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	535034		
128	128	53.8	35.9	53.9	
54	54	41.4	40.9	61.3	





#24

Nitrobenzene

Concen: 47.35 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

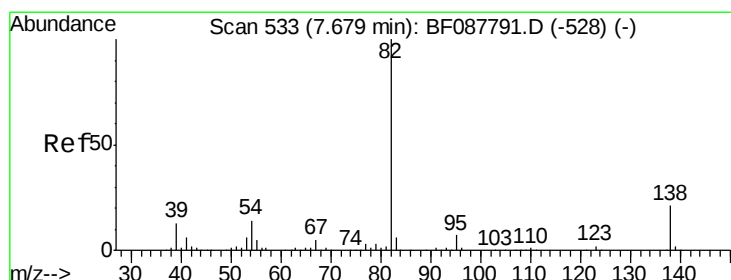
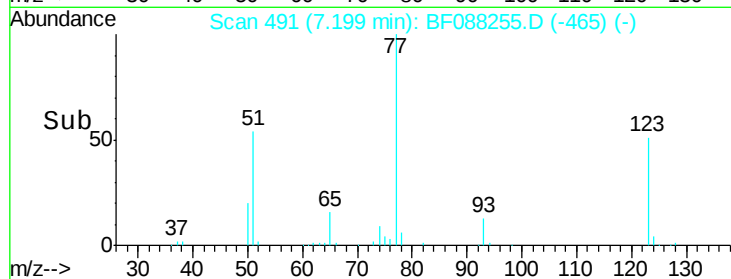
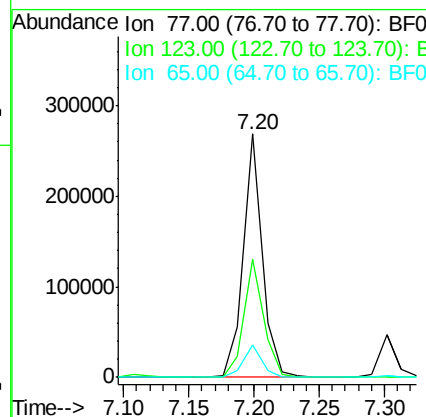
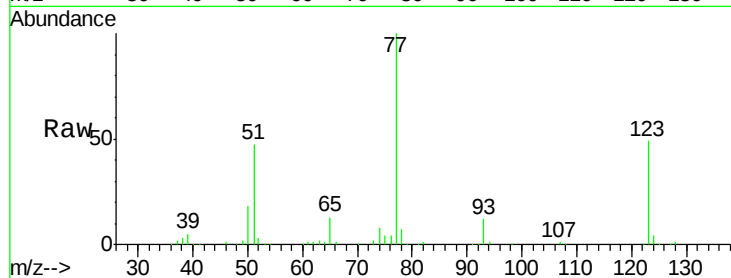
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	77	Resp:	272502
Ion Ratio	Lower	Upper	
77	100		
123	48.6	45.0	67.4
65	13.2	10.2	15.2

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#25

Isophorone

Concen: 47.86 ng

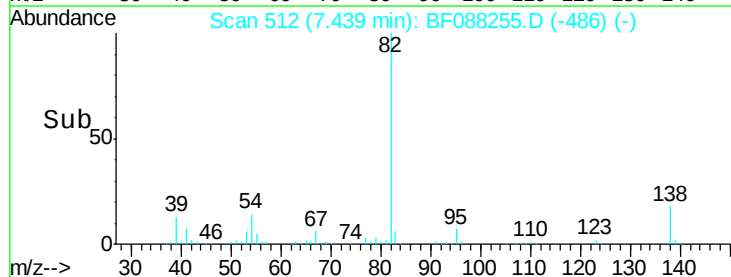
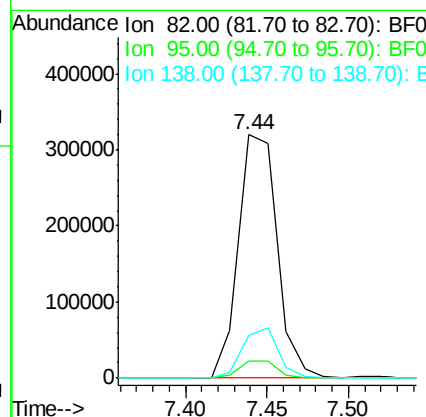
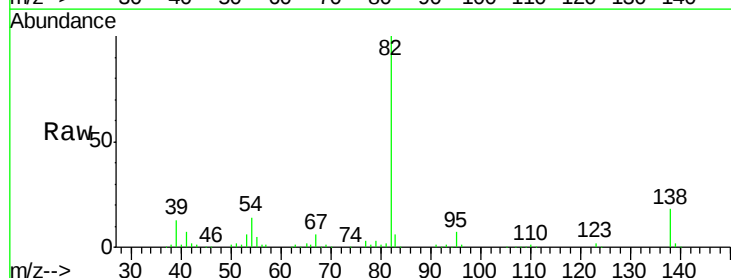
RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	82	Resp:	526713
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.7	14.6	21.8





#26

2-Nitrophenol

Concen: 54.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

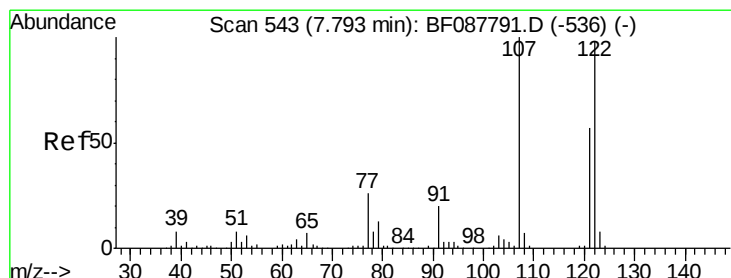
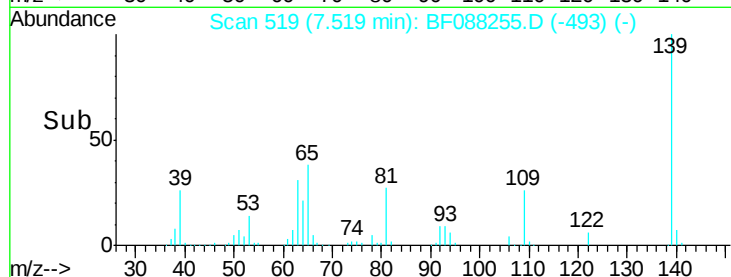
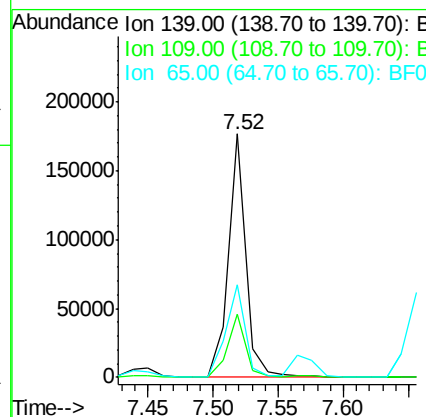
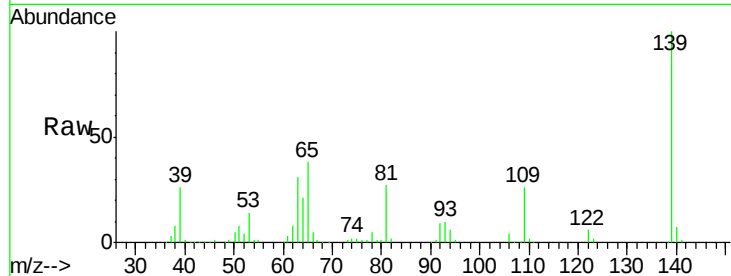
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	139	Resp:	166464
Ion Ratio	Lower	Upper	
139	100		
109	26.0	23.0	34.4
65	38.3	45.8	68.8#

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#27

2,4-Dimethylphenol

Concen: 45.28 ng

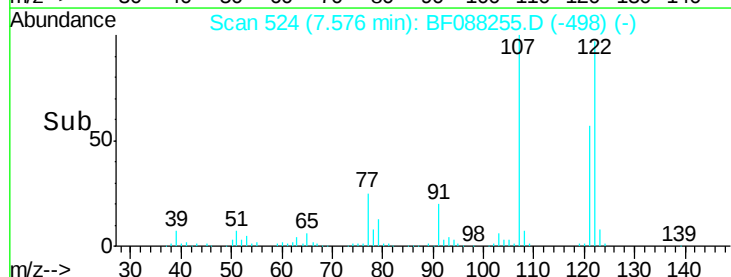
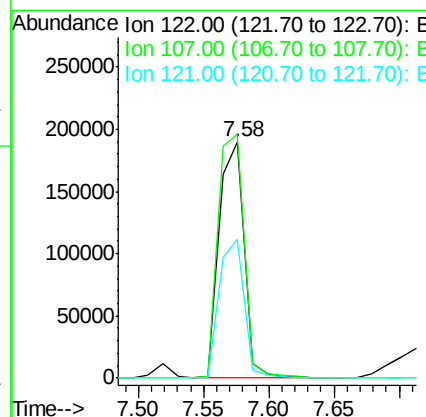
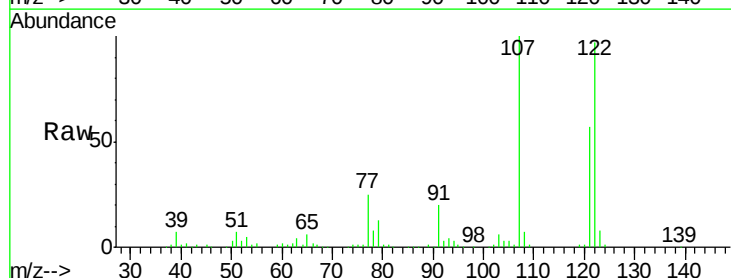
RT: 7.58 min Scan# 524

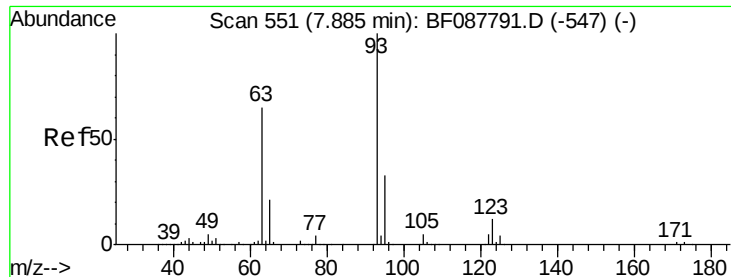
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	122	Resp:	257003
Ion Ratio	Lower	Upper	
122	100		
107	103.0	82.4	123.6
121	58.7	46.3	69.5





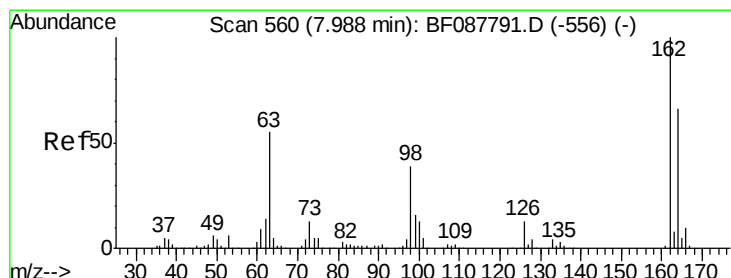
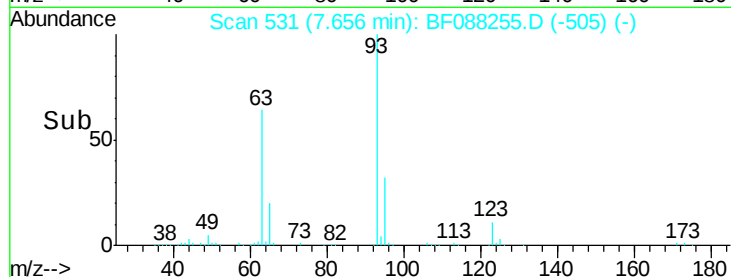
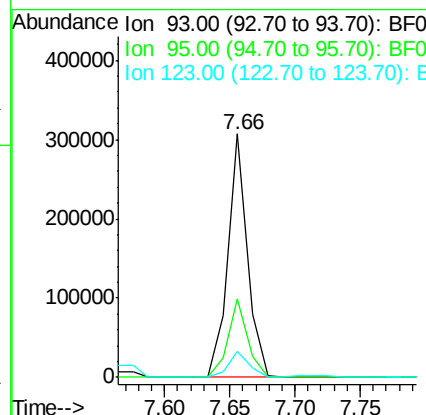
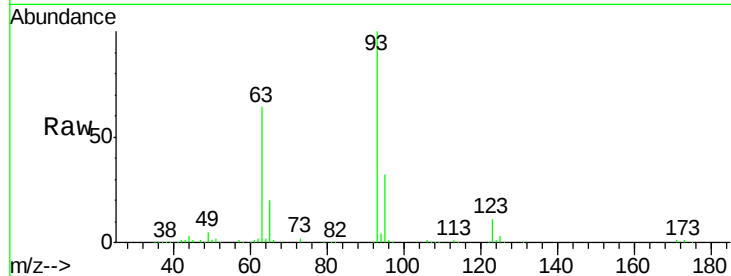
#28
bis(2-Chloroethoxy)methane
Concen: 47.09 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	26.5	39.7	
123	10.6	11.6	17.4	

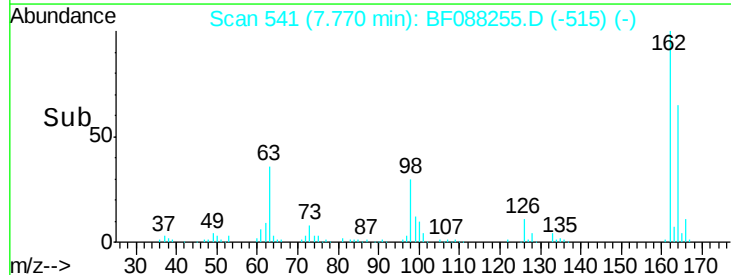
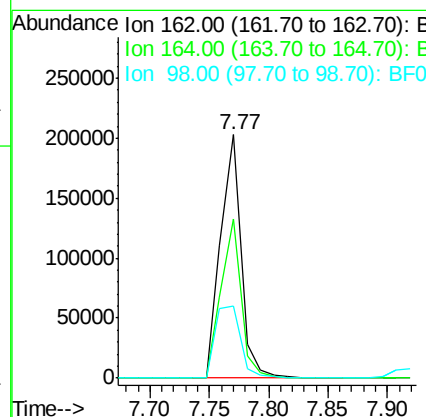
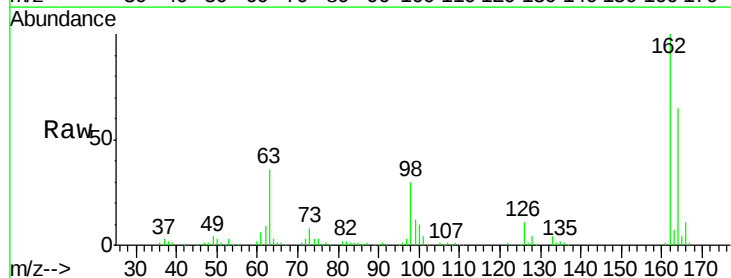
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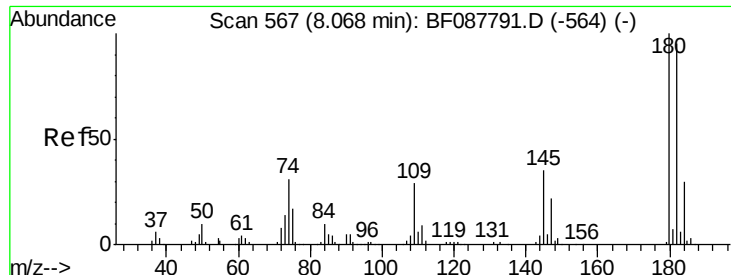
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#29
2,4-Dichlorophenol
Concen: 51.08 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.5	43.8	83.8	
98	29.8	21.3	61.3	





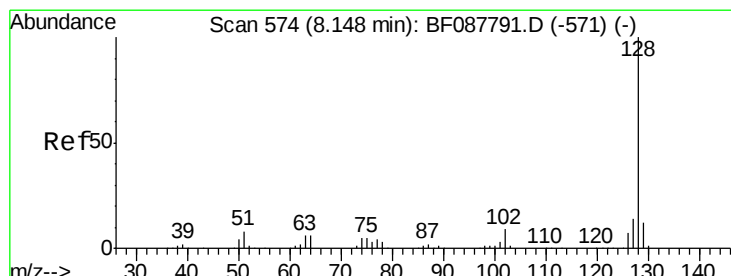
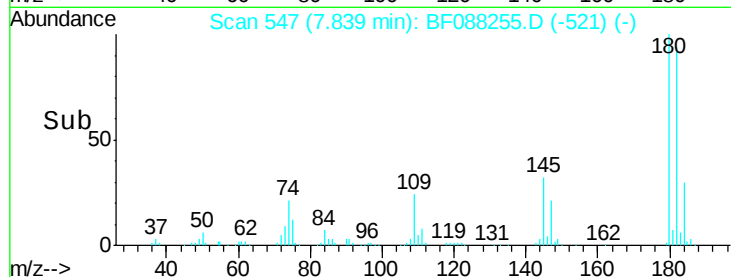
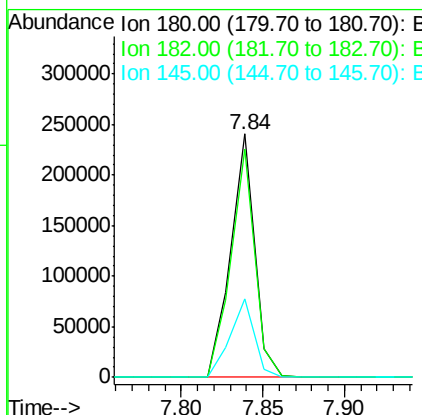
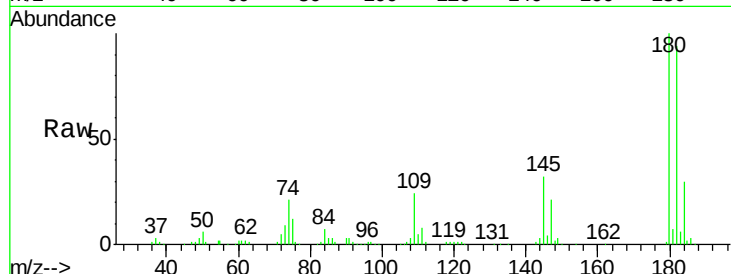
#30
1,2,4-Trichlorobenzene
Concen: 47.14 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	32.3	26.5	39.7

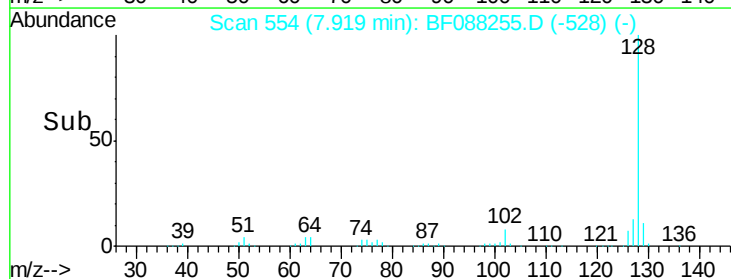
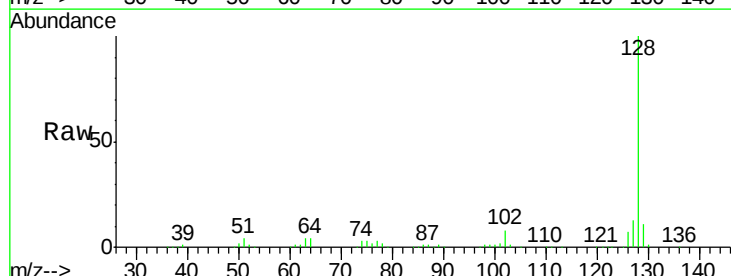
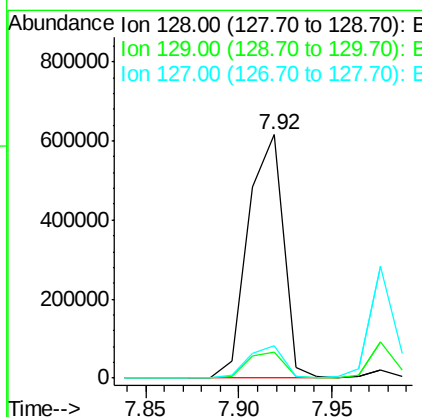
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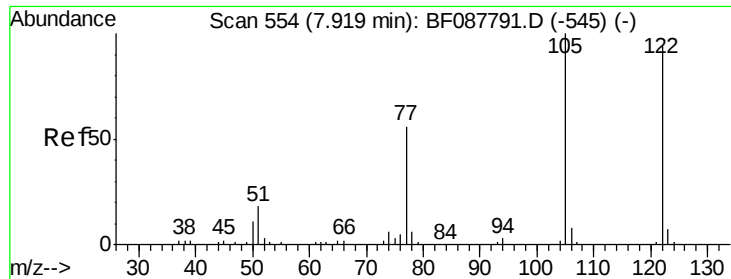
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#31
Naphthalene
Concen: 47.00 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.2	10.9	16.3





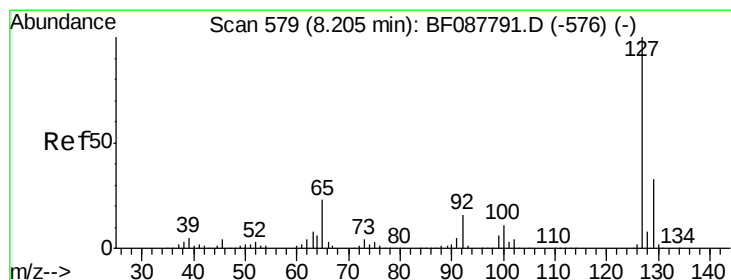
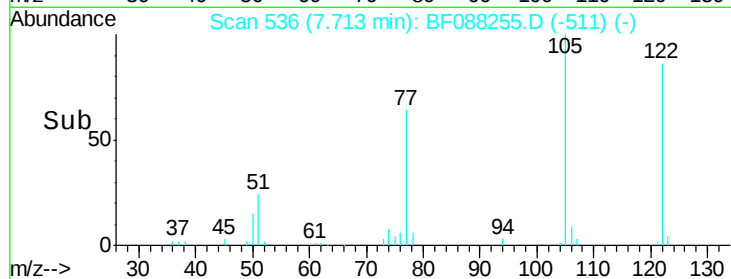
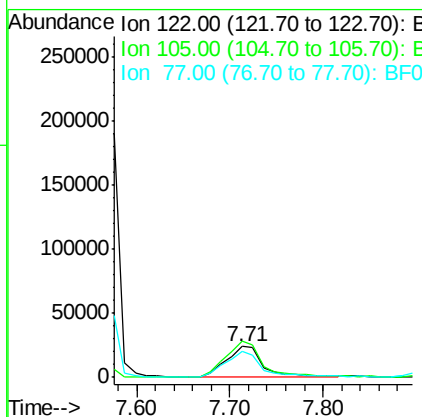
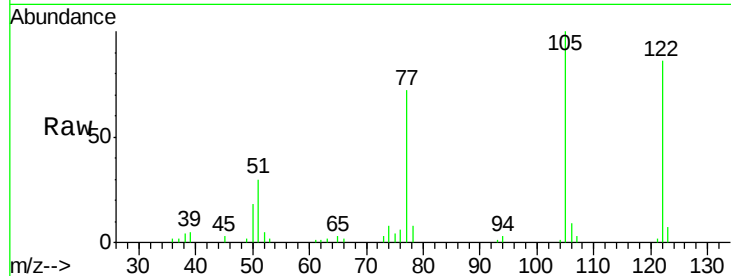
#32
Benzoic acid
Concen: 20.49 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	116.0	101.6	141.6
77	83.7	70.6	110.6

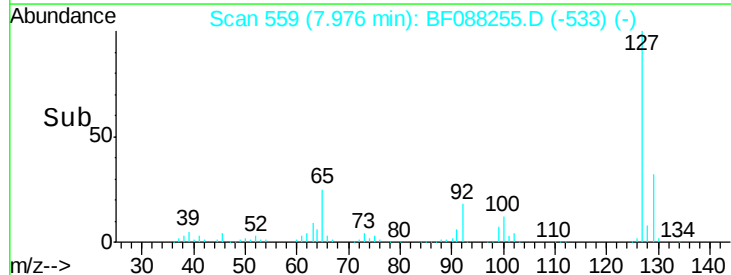
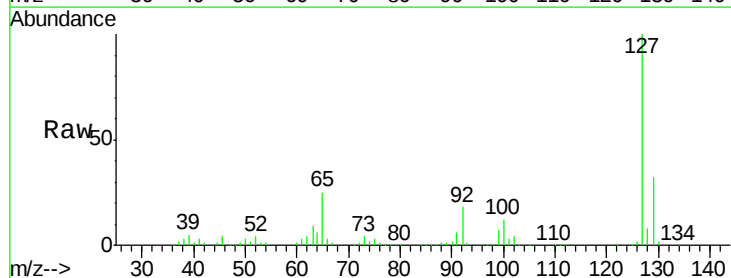
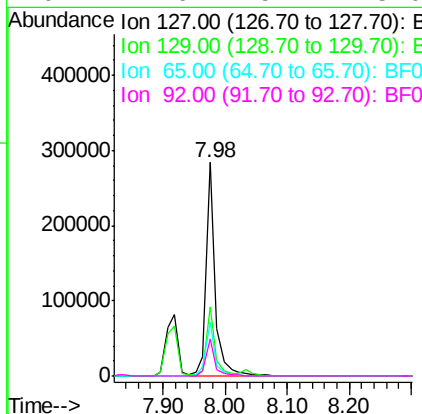
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#33
4-Chloroaniline
Concen: 37.60 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	25.2	24.7	37.1
92	17.6	15.4	23.0





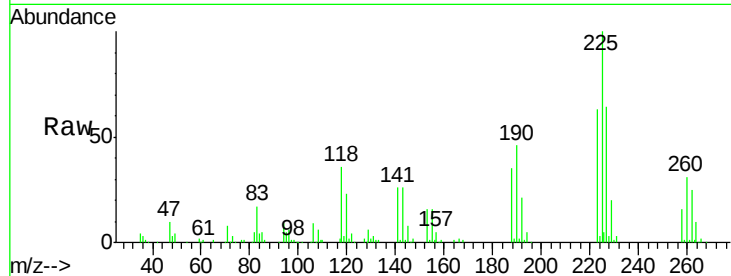
#34
Hexachlorobutadiene
Concen: 45.45 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

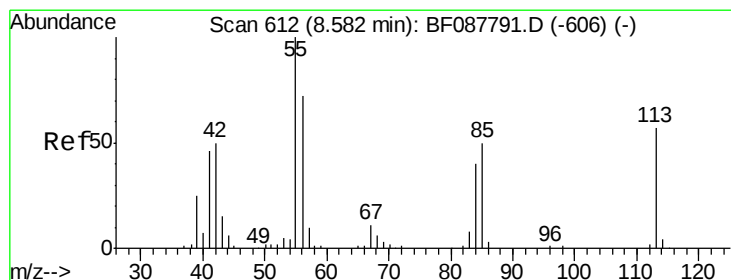
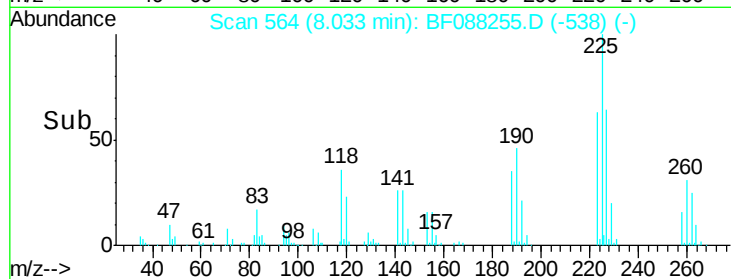
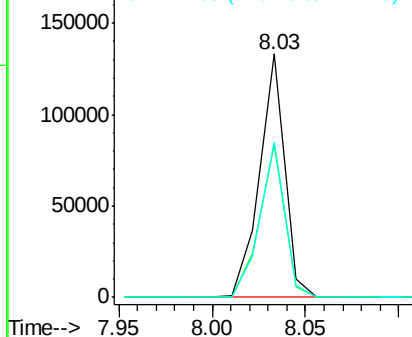
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	64.0	51.9	77.9

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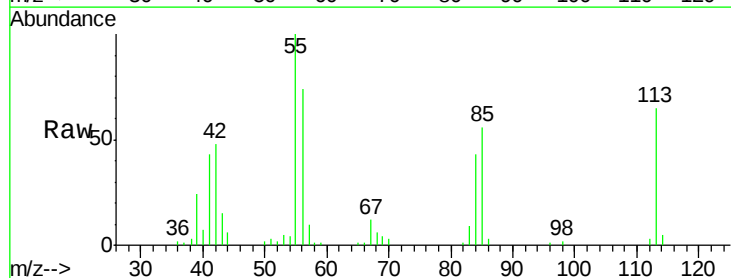


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

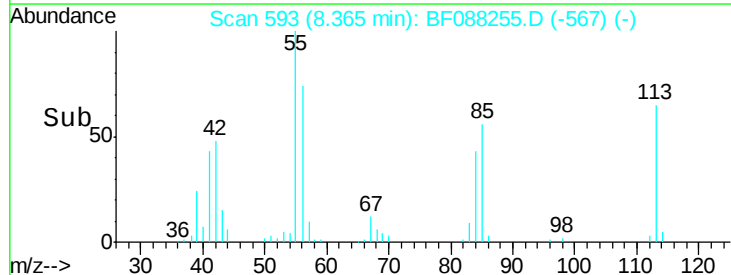
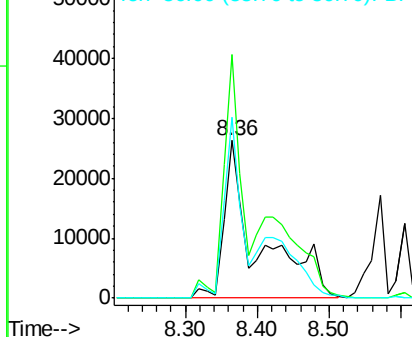


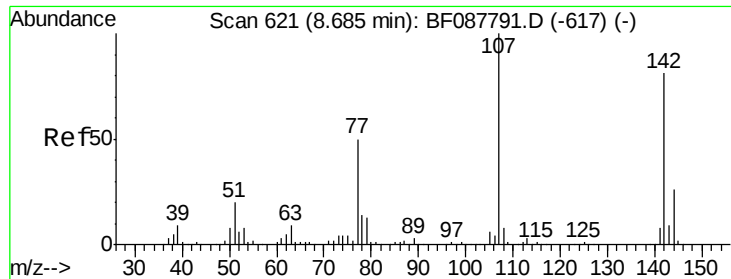
#35
Caprolactam
Concen: 55.35 ng m
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
55	154.8	158.6	198.6#
56	115.1	110.6	150.6



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





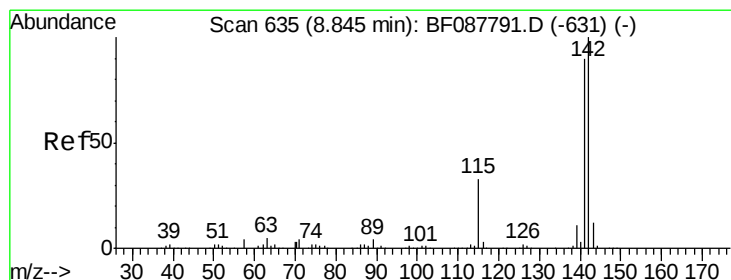
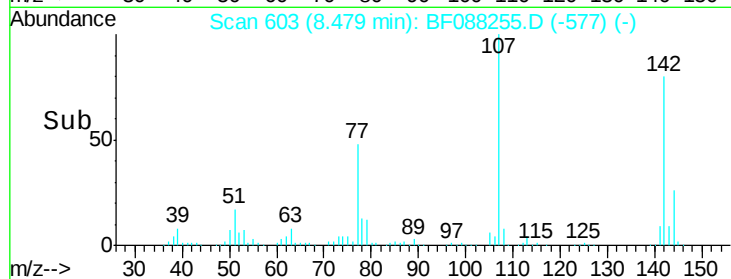
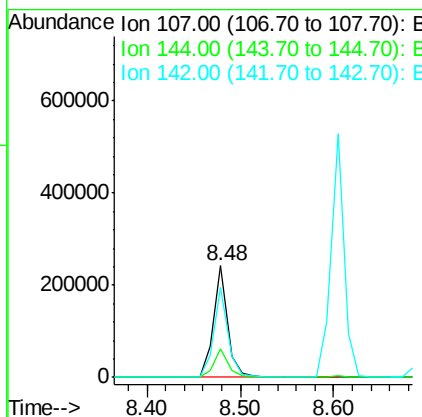
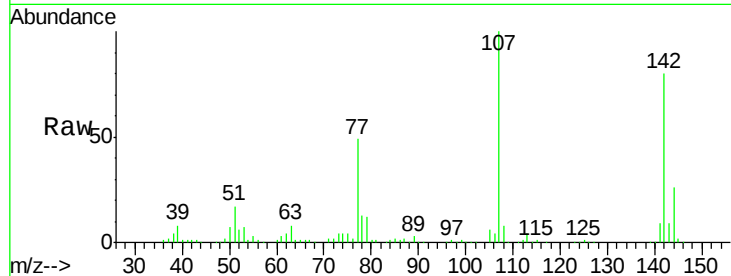
#36
 4-Chloro-3-methylphenol
 Concen: 50.18 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.8	31.2
142	80.4	63.4	95.2

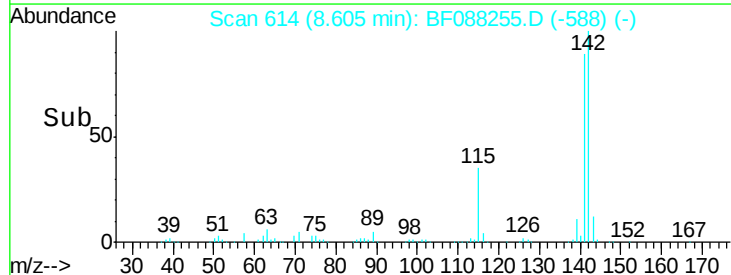
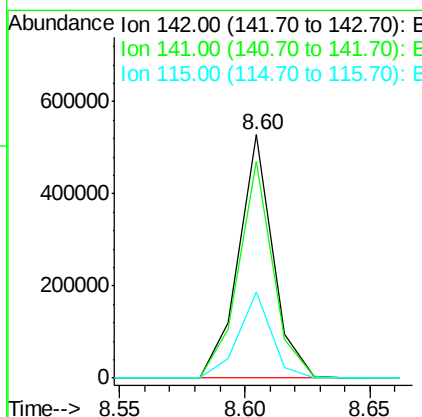
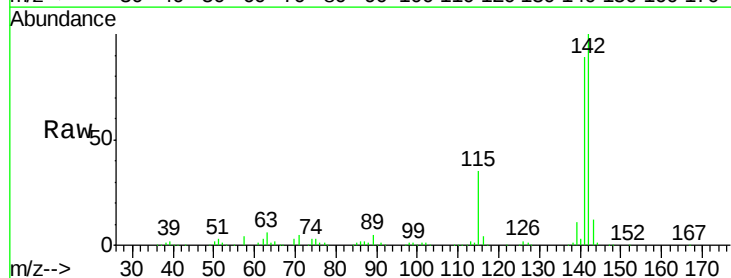
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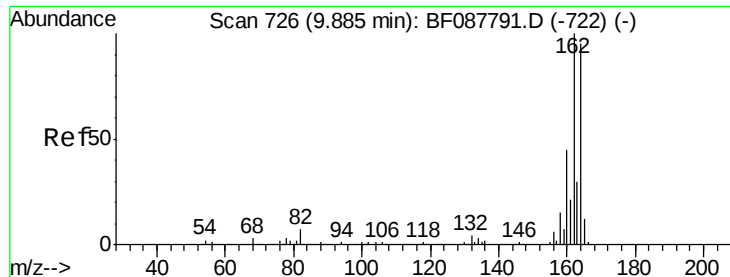
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#37
 2-Methylnaphthalene
 Concen: 45.40 ng m
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	35.2	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

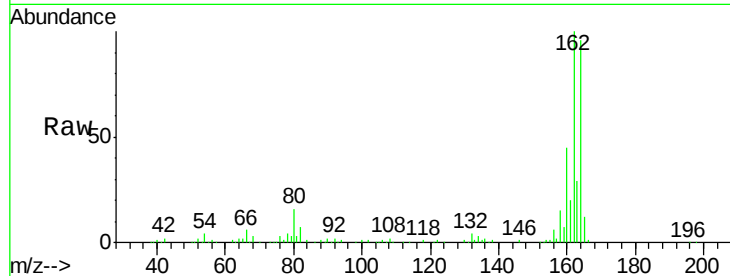
ClientSampleId :

SB-1(3.5-4)MSD

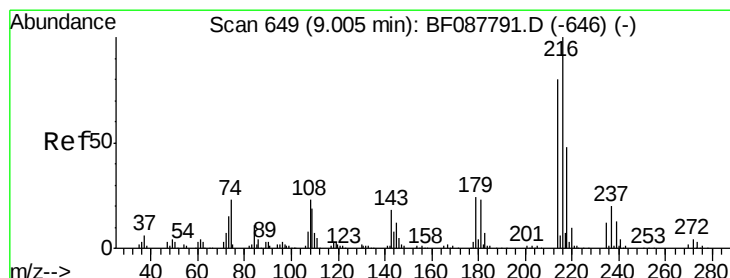
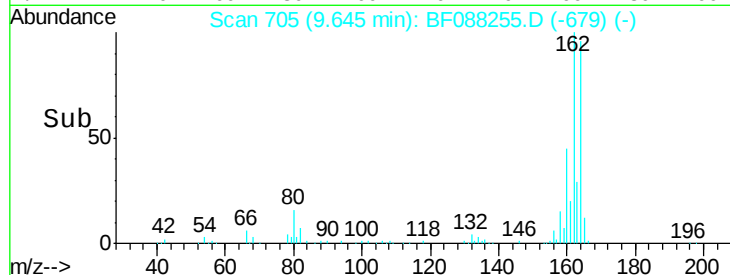
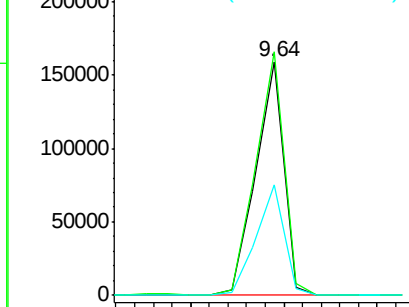
Tot Ion:	164	Resp:	164432
Ion Ratio	Lower	Upper	
164	100		
162	104.2	85.4	128.2
160	47.2	39.5	59.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.79 ng

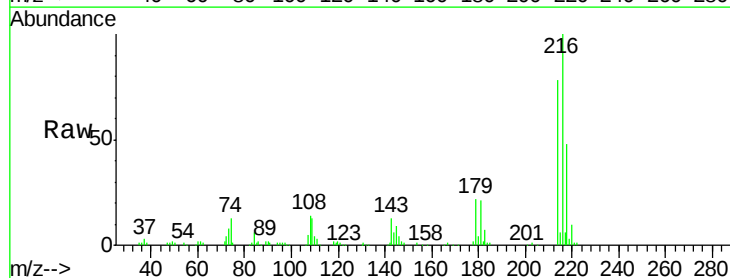
RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

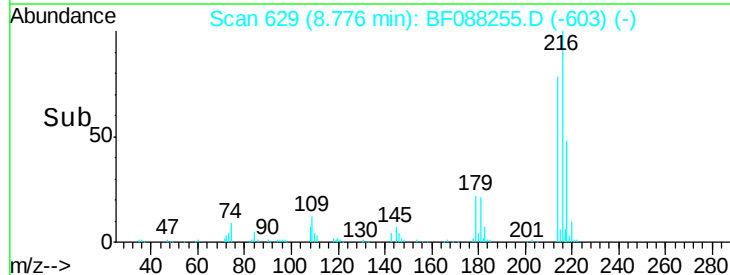
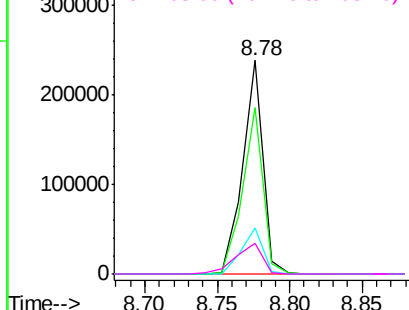
Lab File: BF088255.D

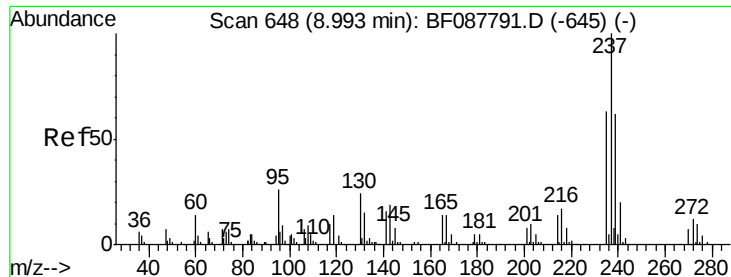
Acq: 22 Jun 2016 17:53

Tgt Ion:	216	Resp:	229537
Ion Ratio	Lower	Upper	
216	100		
214	78.2	2.9	4.3#
179	22.6	0.0	0.0#
108	19.6	0.5	0.7#



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





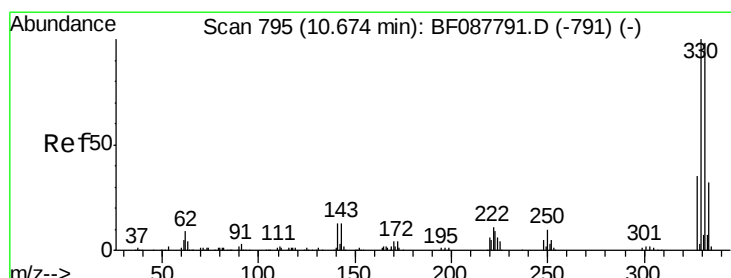
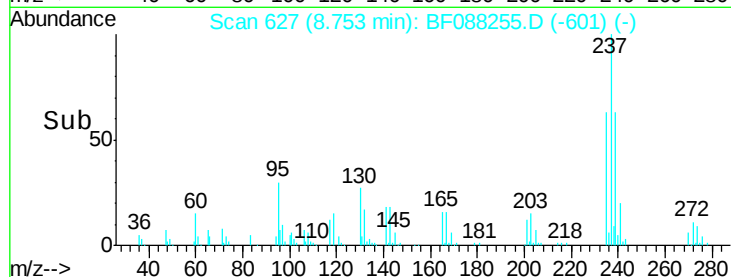
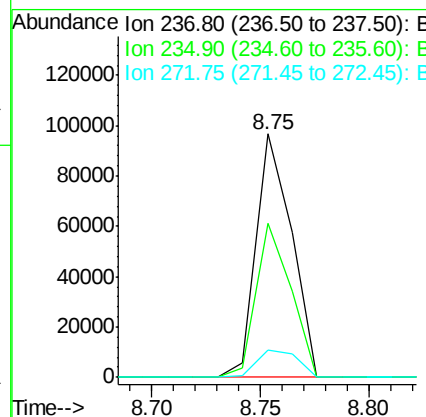
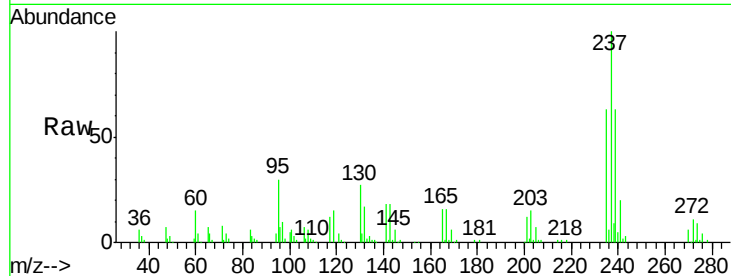
#40
Hexachlorocyclopentadiene
Concen: 41.43 ng
RT: 8.75 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	43.4	83.4
272	11.0	0.0	32.3

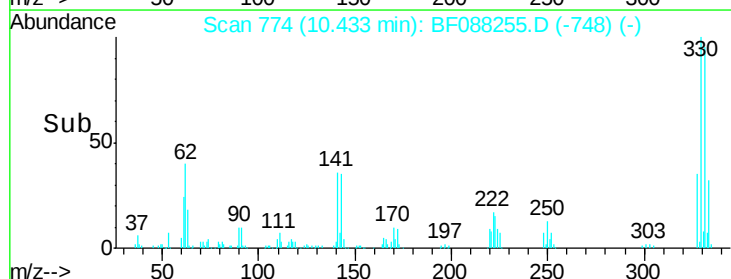
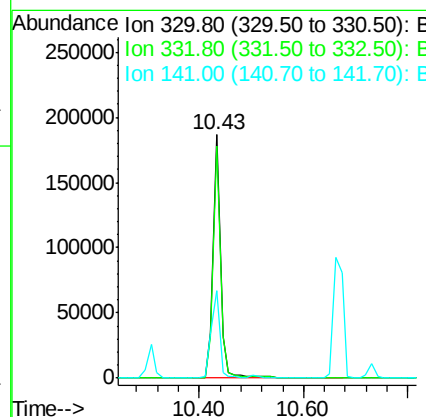
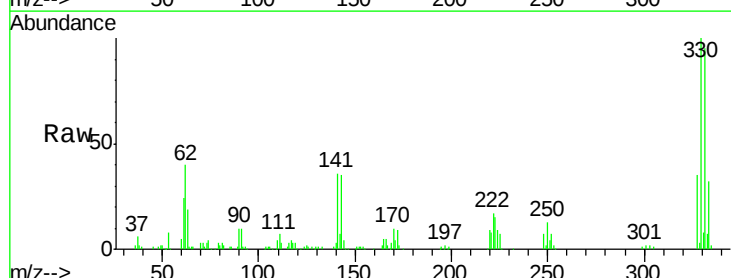
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#41
2,4,6-Tribromophenol
Concen: 108.70 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	0.0	0.0#
141	40.1	0.0	0.0#





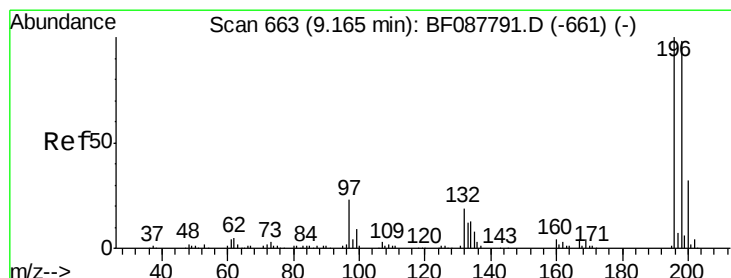
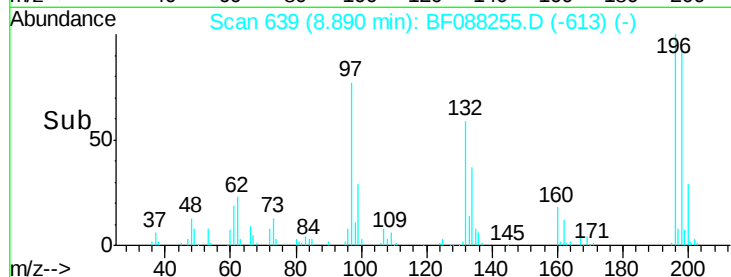
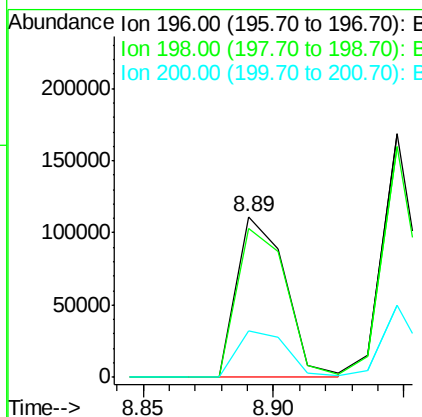
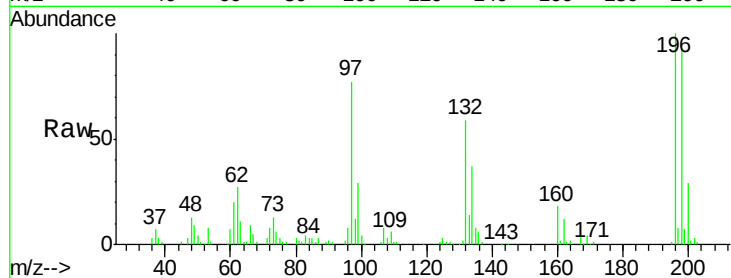
#42
 2,4,6-Trichlorophenol
 Concen: 43.99 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144659		
198	92.3	78.0	117.0	
200	29.1	25.4	38.2	

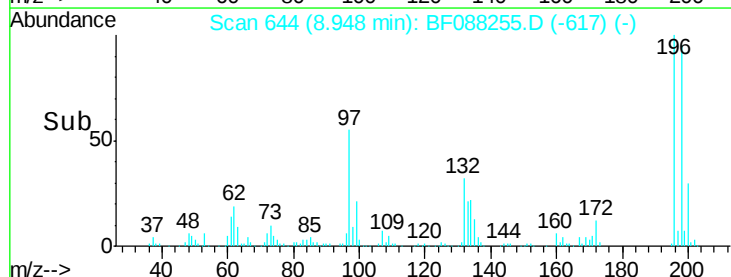
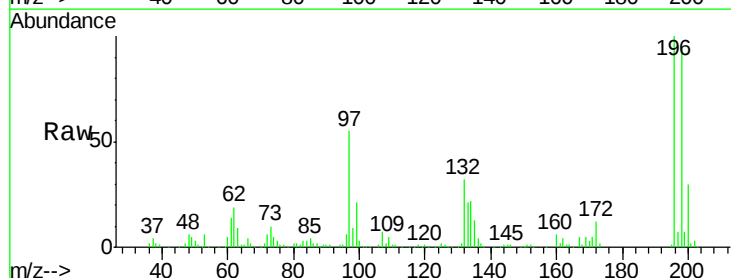
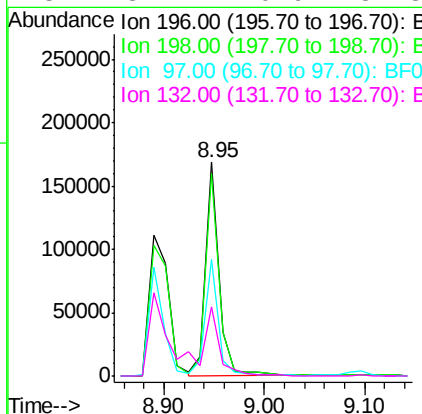
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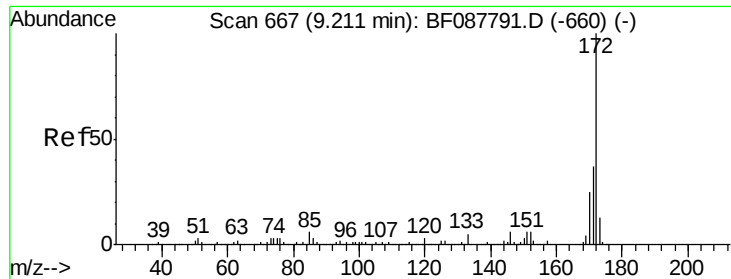
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#43
 2,4,5-Trichlorophenol
 Concen: 46.33 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158482		
198	94.9	77.5	116.3	
97	54.8	32.0	48.0#	
132	32.4	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 84.32 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

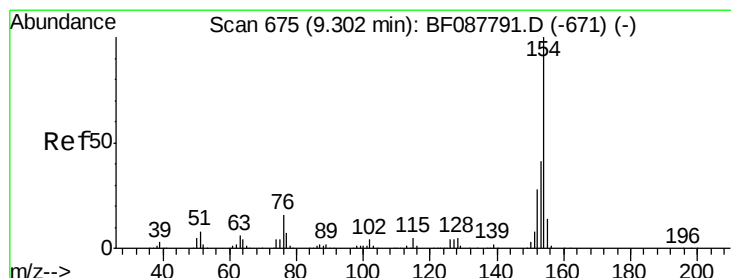
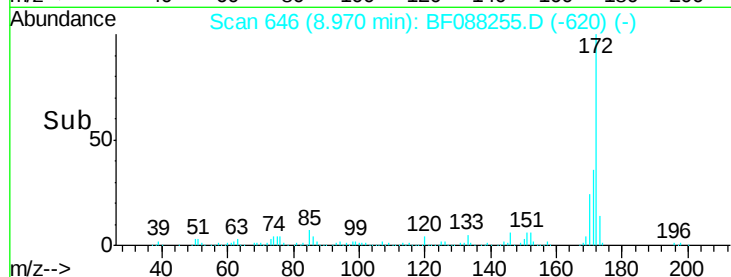
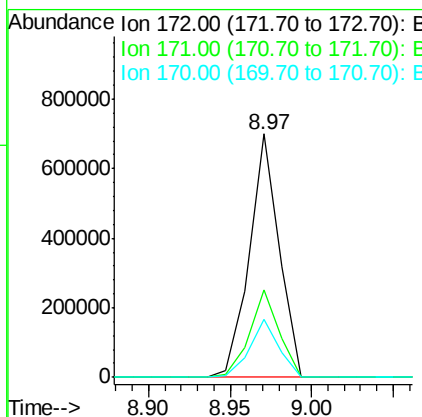
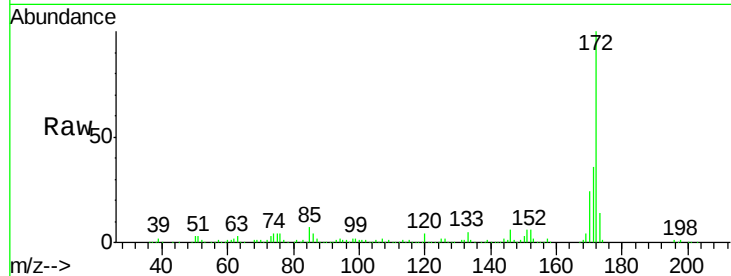
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	172	Resp:	883012
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 54.47 ng

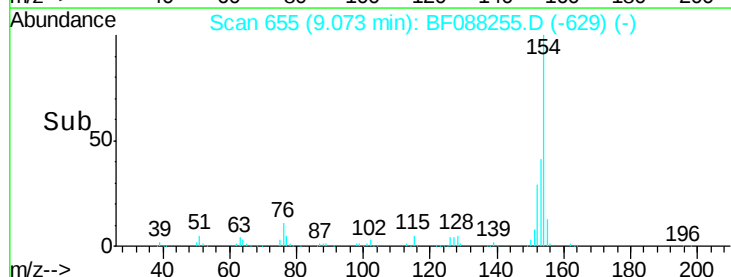
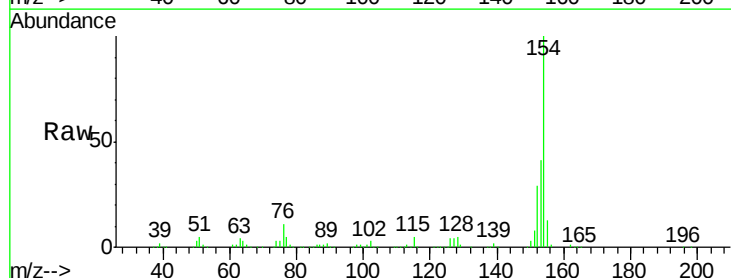
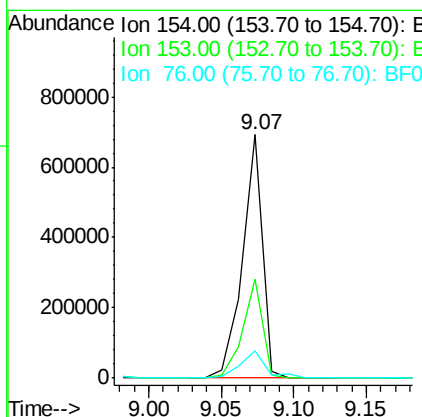
RT: 9.07 min Scan# 655

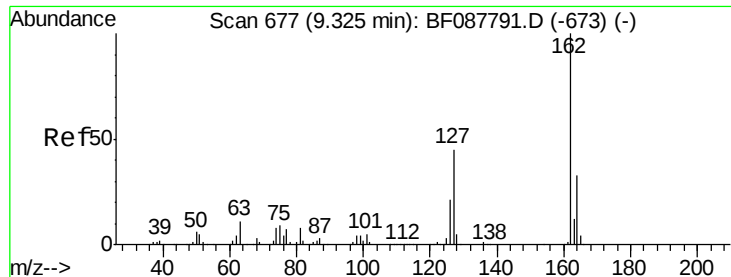
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	154	Resp:	656121
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.6	60.6
76	11.1	0.0	35.1





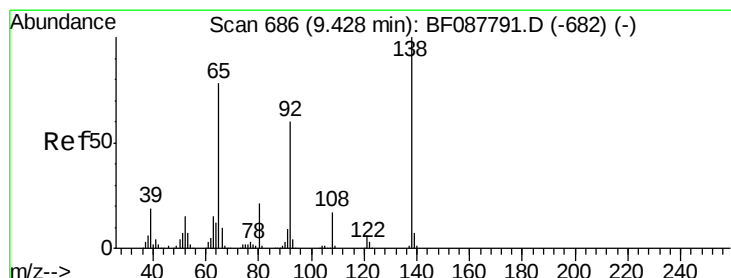
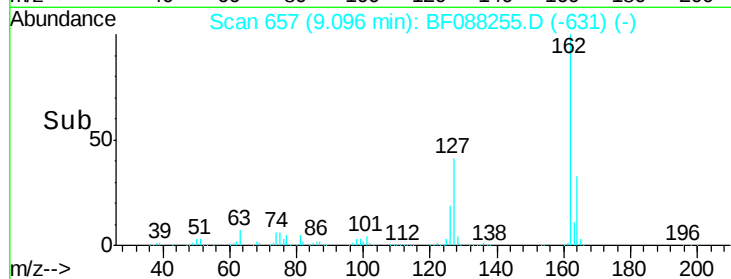
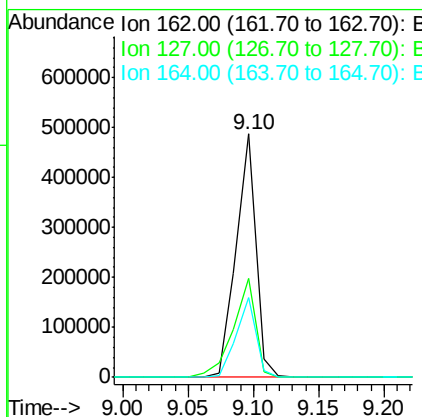
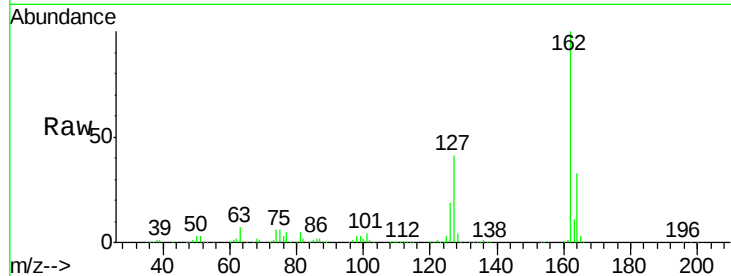
#46
2-Chloronaphthalene
Concen: 48.09 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	35.2	52.8
164	33.0	26.6	39.8

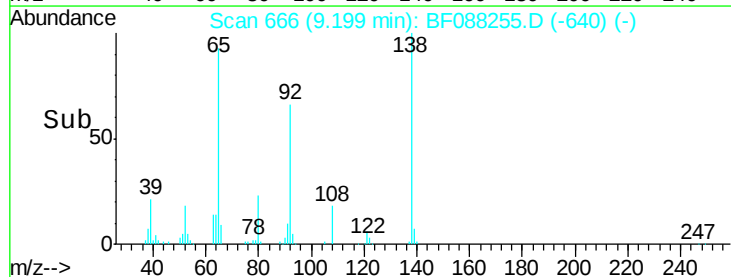
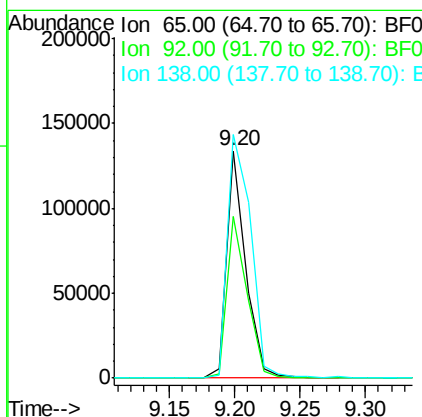
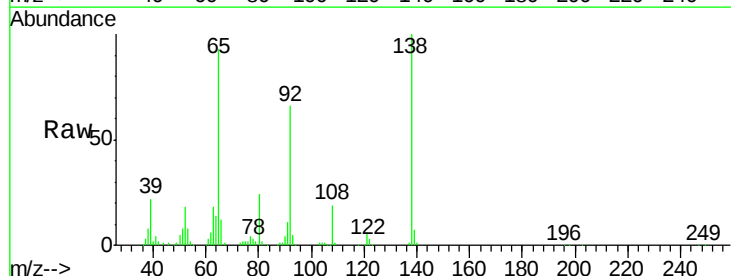
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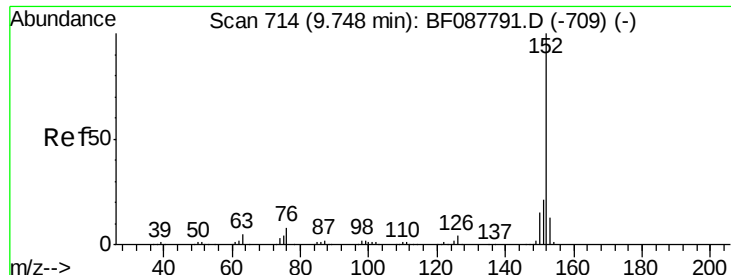
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#47
2-Nitroaniline
Concen: 43.12 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	54.6	82.0
138	107.1	77.0	115.4





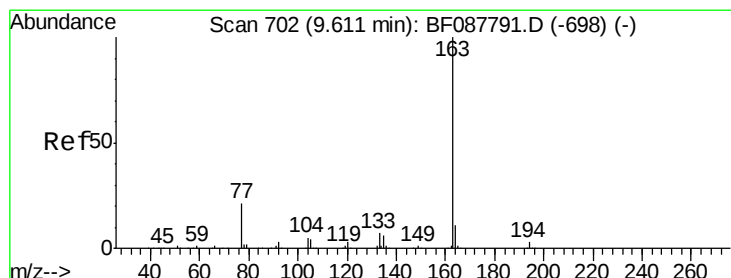
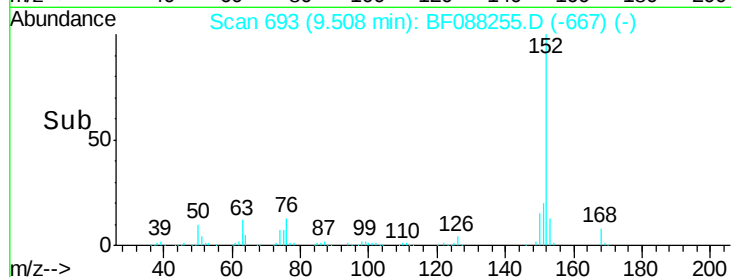
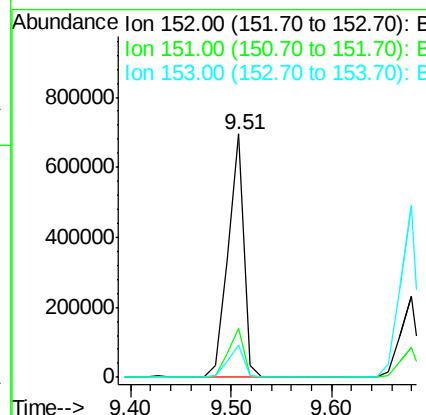
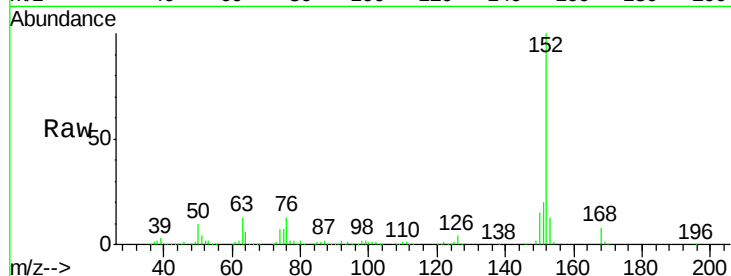
#48
Acenaphthylene
Concen: 44.51 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.3	11.0	16.6

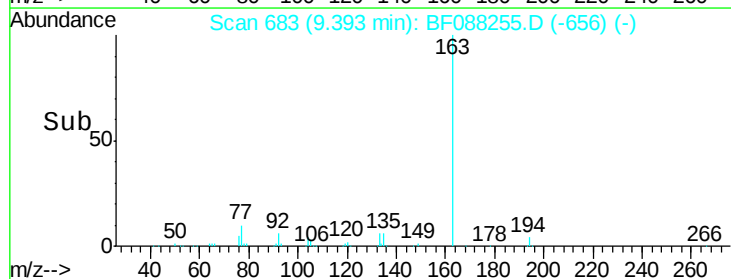
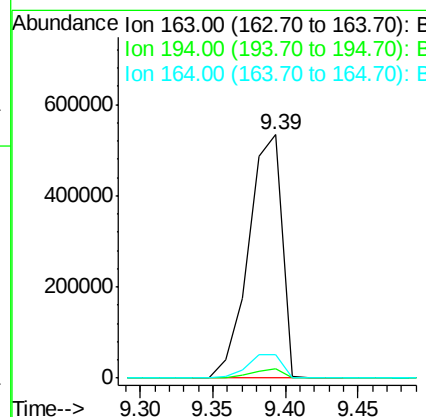
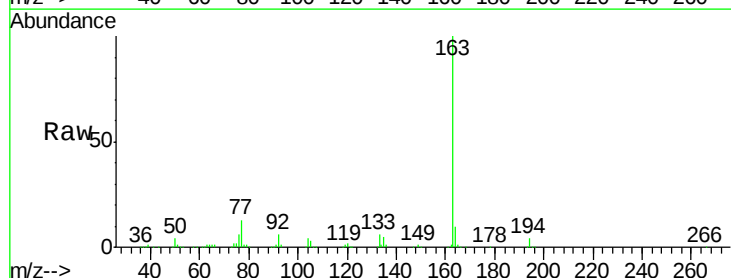
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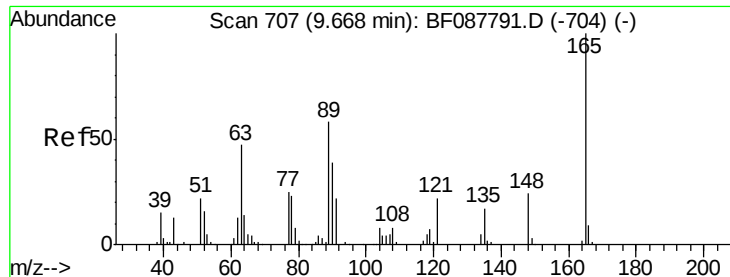
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#49
Dimethylphthalate
Concen: 71.34 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5





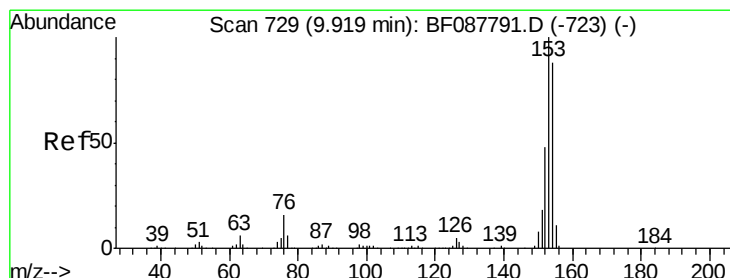
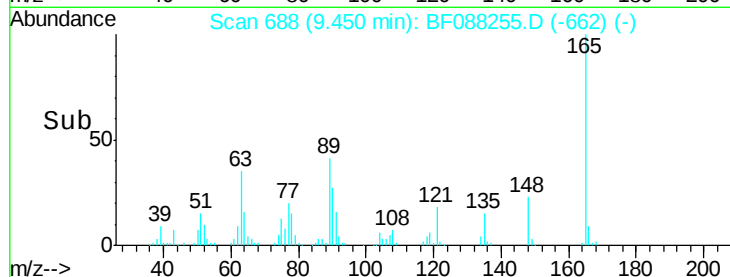
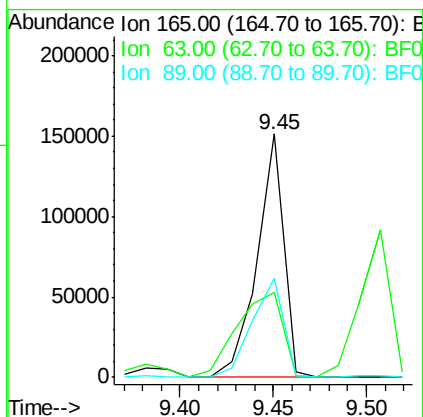
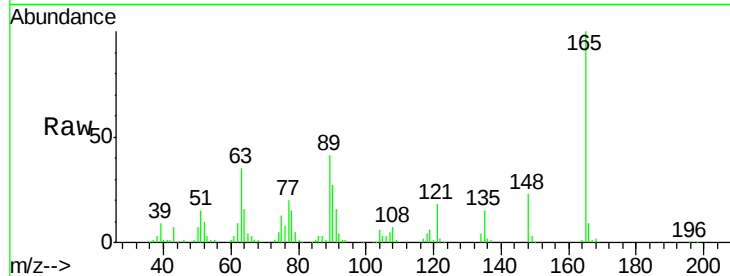
#50
 2,6-Dinitrotoluene
 Concen: 54.68 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	35.0	28.1	42.1
89	40.6	32.2	48.2

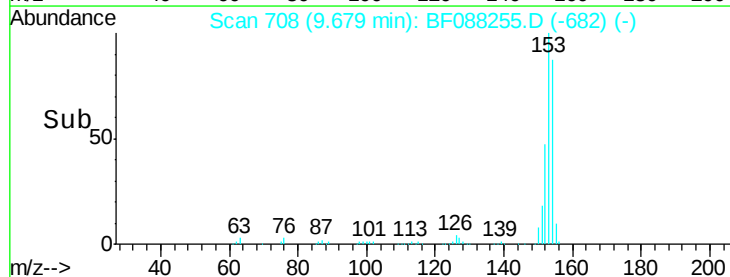
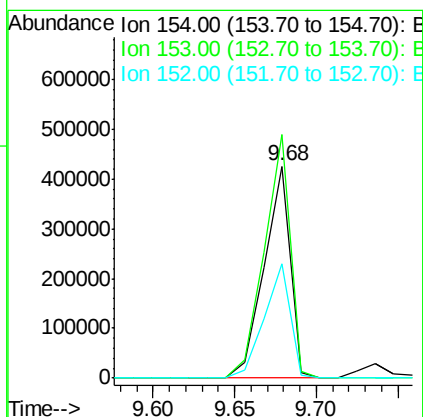
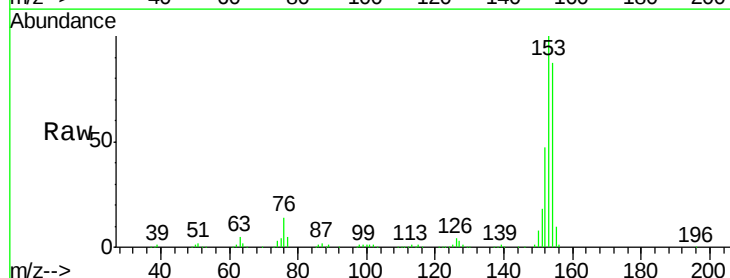
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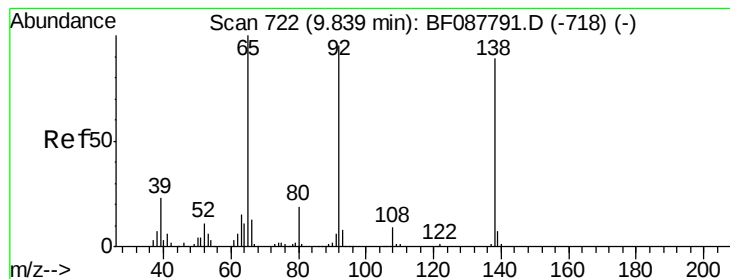
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#51
 Acenaphthene
 Concen: 45.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.8	89.5	134.3
152	54.1	42.7	64.1





#52

3-Nitroaniline

Concen: 40.48 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

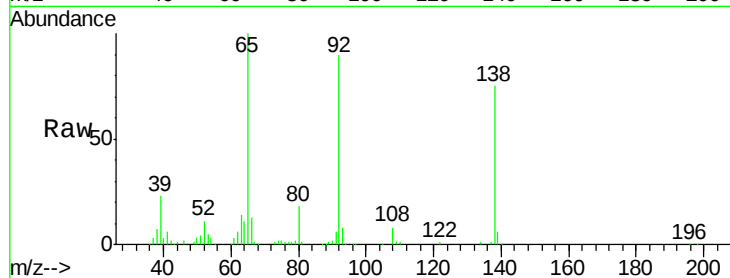
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	120.1	95.7	143.5

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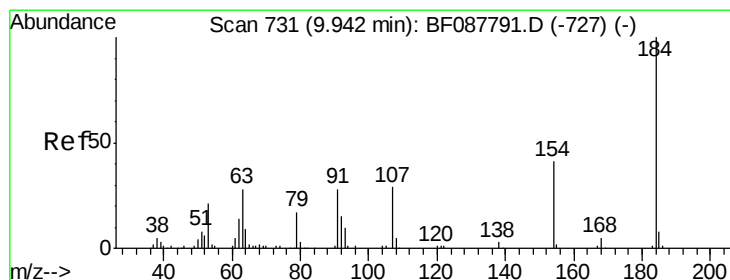
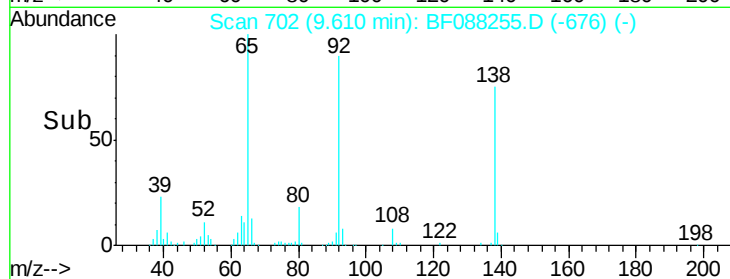
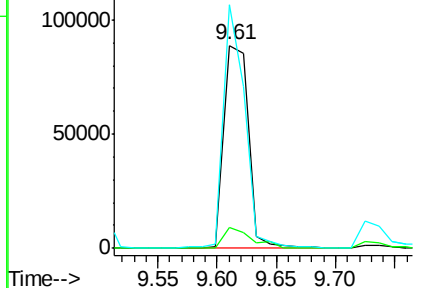
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 49.87 ng

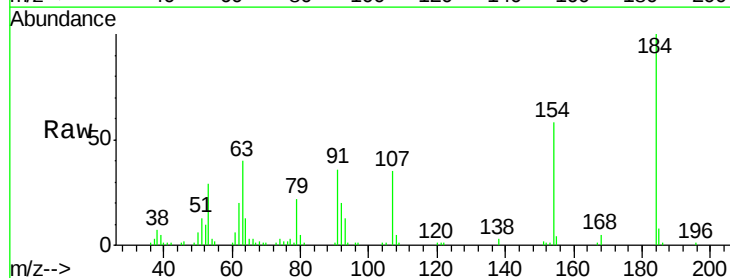
RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

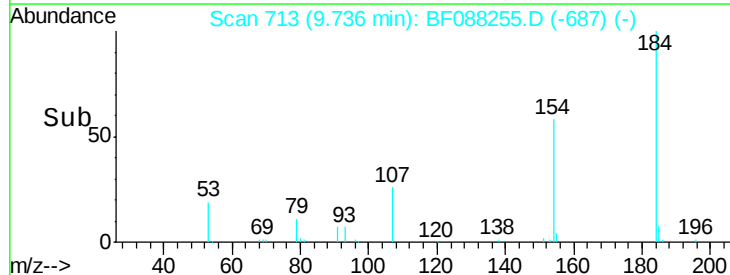
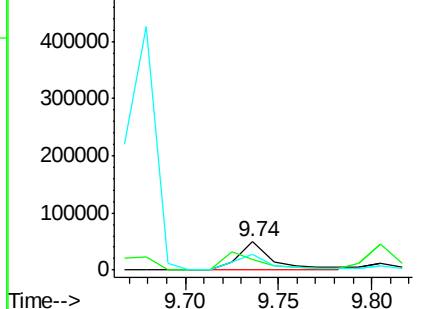
Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.9	57.6	86.4#
154	57.7	53.5	80.3

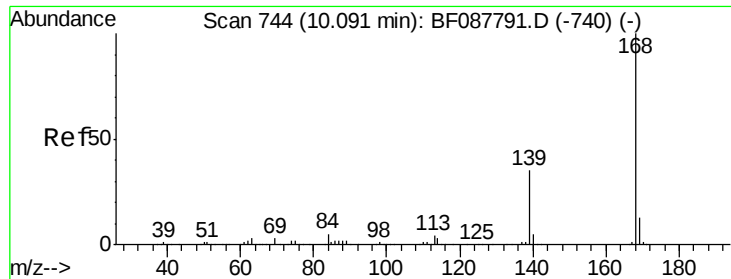


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 43.88 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

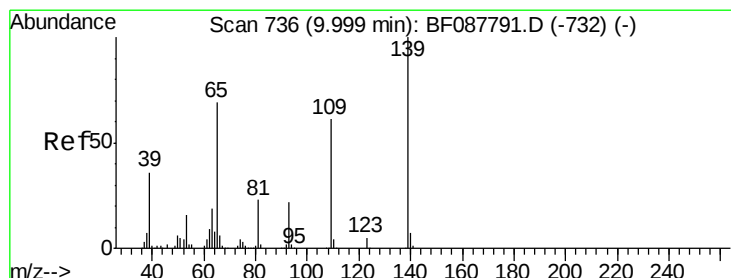
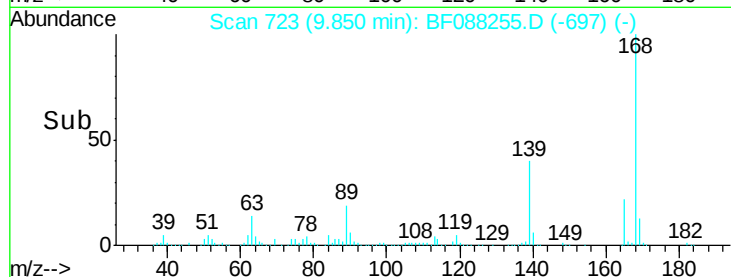
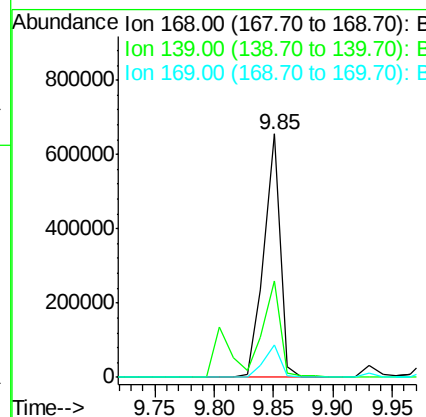
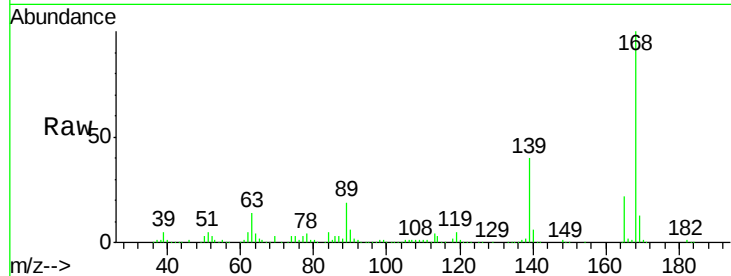
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	168	Resp:	638071
Ion Ratio	Lower	Upper	
168	100		
139	39.5	26.4	39.6
169	13.3	10.4	15.6

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#55

4-Nitrophenol

Concen: 58.54 ng

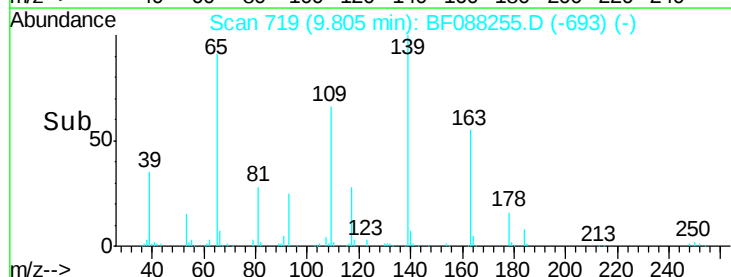
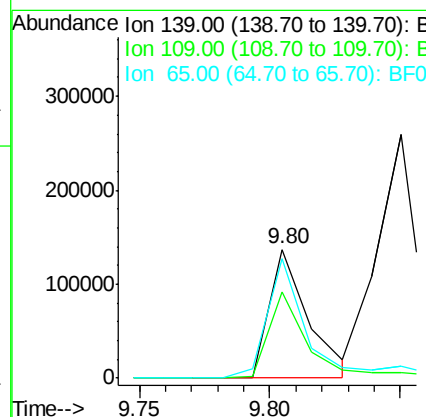
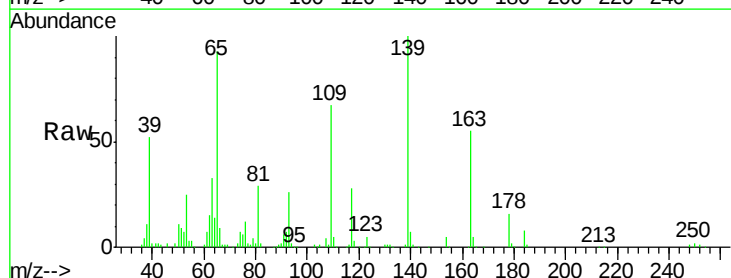
RT: 9.80 min Scan# 719

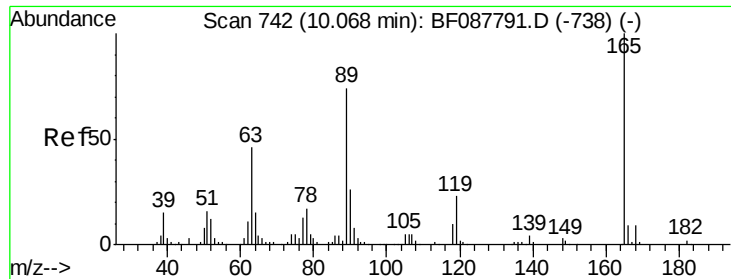
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	139	Resp:	143007
Ion Ratio	Lower	Upper	
139	100		
109	67.1	48.9	88.9
65	92.9	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 41.23 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

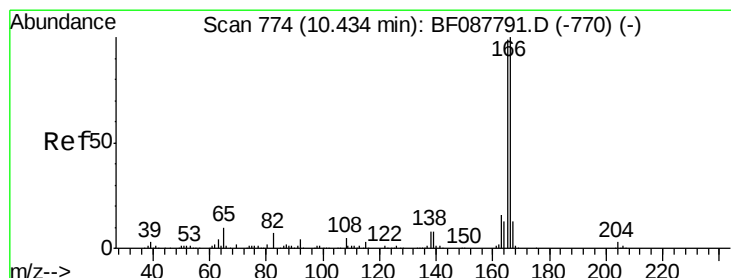
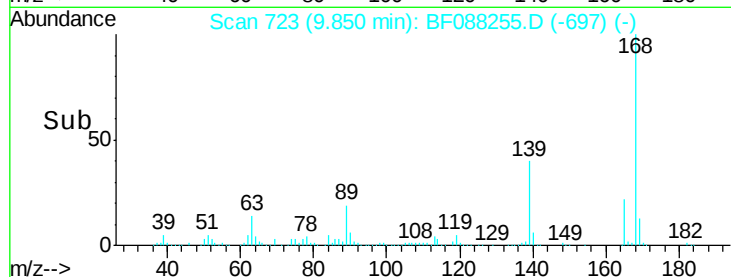
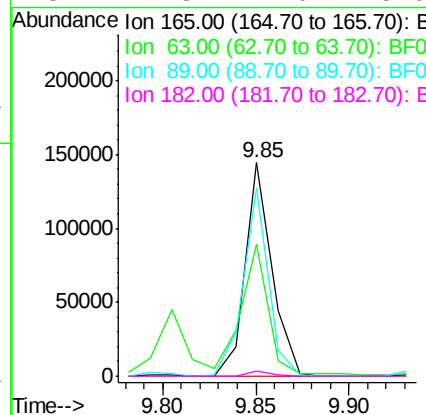
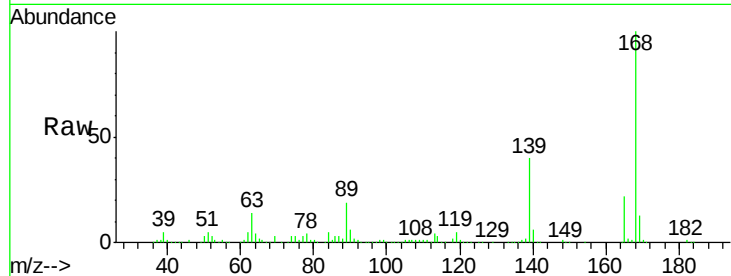
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		144529		
63	62.0	22.0	33.0#		
89	88.3	41.1	61.7#		
182	2.3	2.0	3.0		

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#57

Fluorene

Concen: 52.43 ng

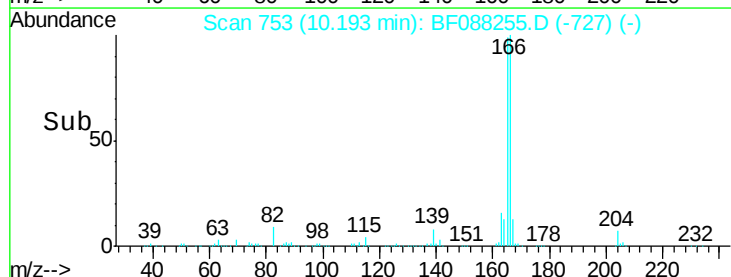
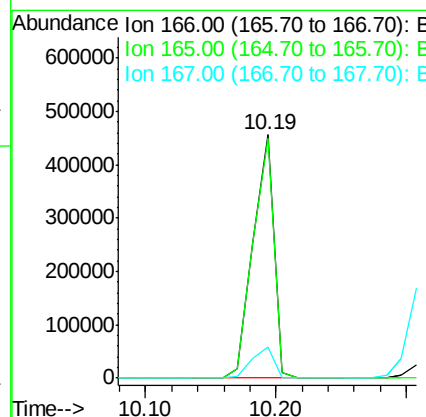
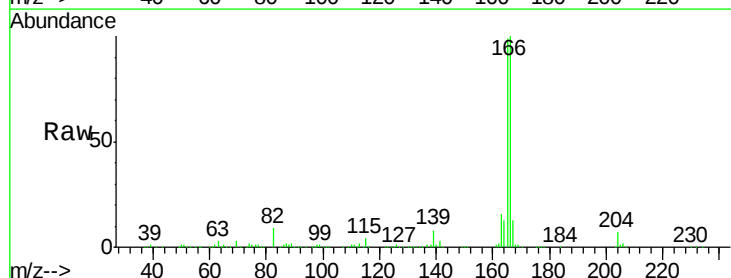
RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		507319		
165	98.7	77.8	116.8		
167	12.9	11.2	16.8		





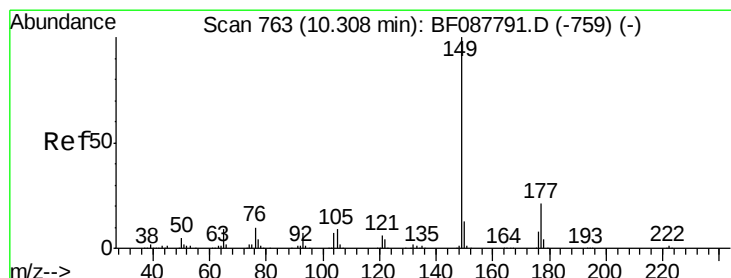
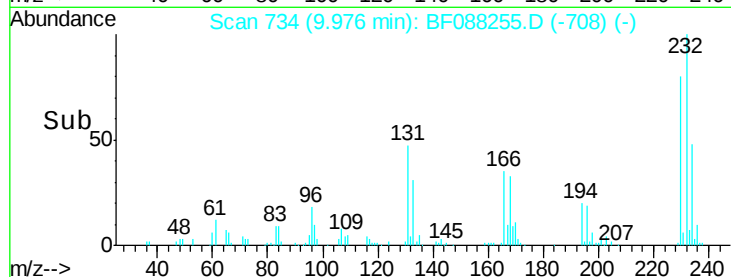
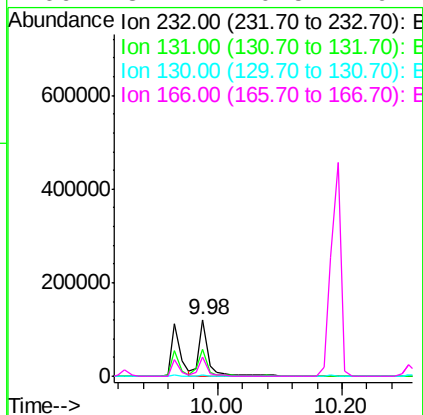
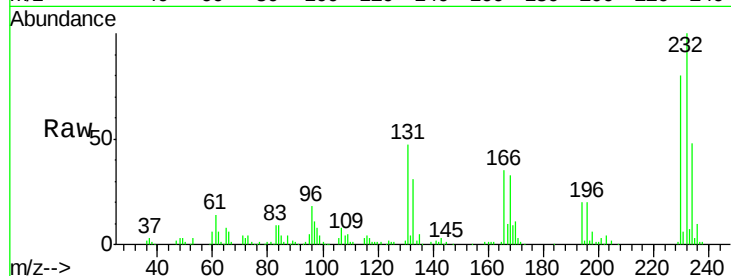
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.20 ng
 RT: 9.98 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.2	0.9	1.3#
130	2.2	1.5	2.3
166	31.4	0.5	0.7#

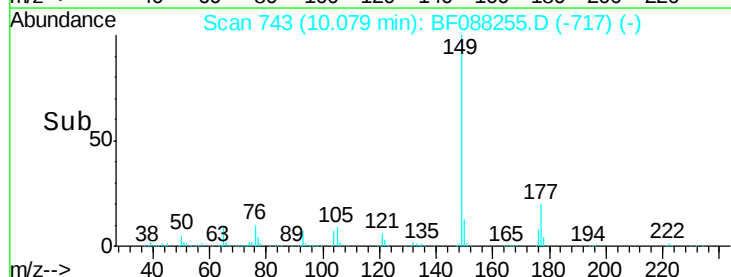
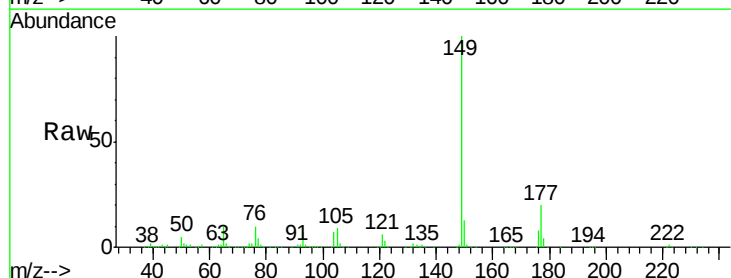
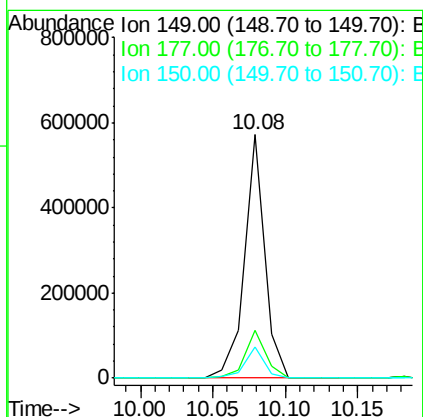
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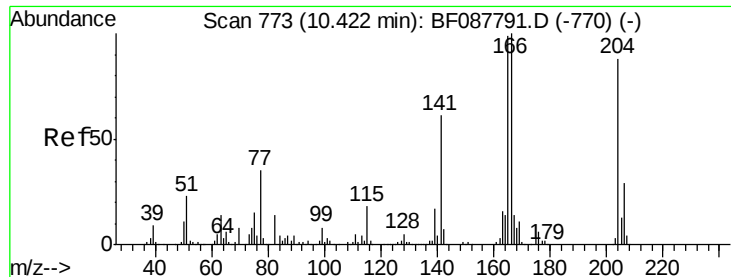
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#59
 Diethylphthalate
 Concen: 45.94 ng
 RT: 10.08 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	19.7	16.9	25.3
150	12.8	10.1	15.1





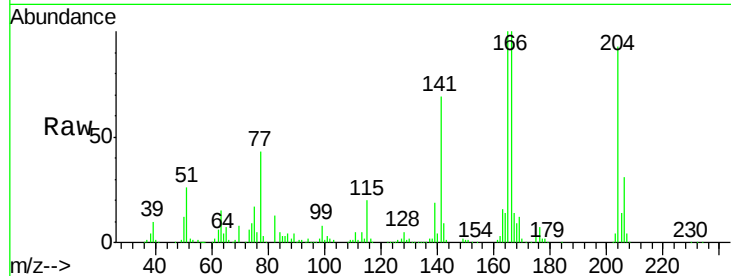
#60
4-Chlorophenyl-phenylether
Concen: 42.40 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	73.8	55.0	82.6

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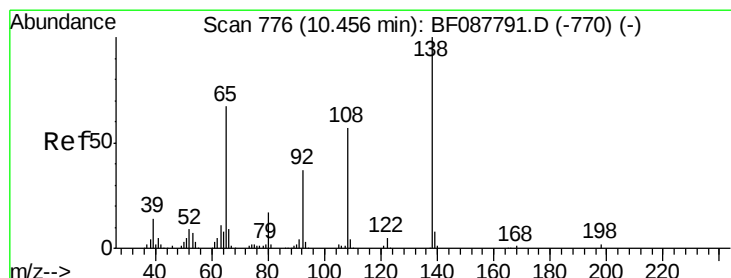
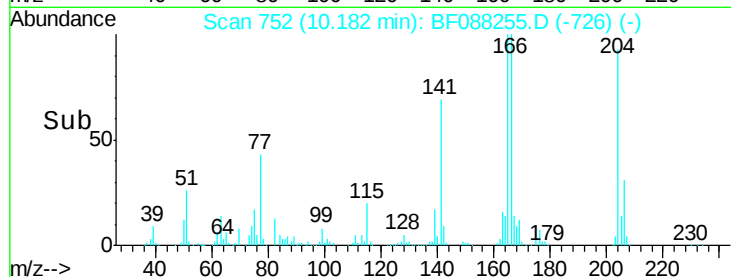
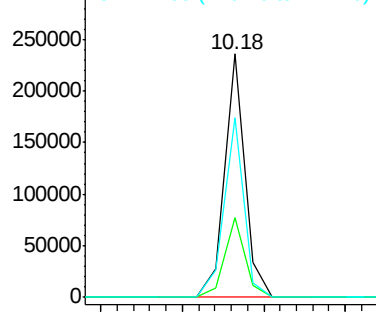


Abundance

Ion 204.00 (203.70 to 204.70): E

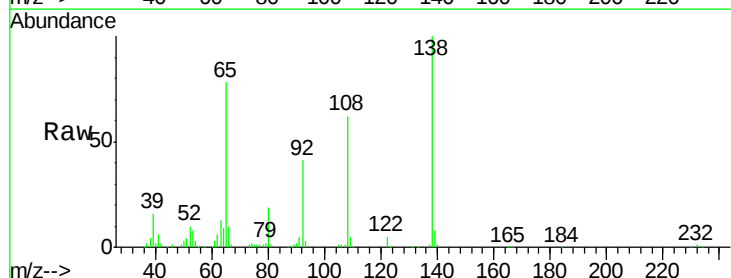
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 53.52 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.0	27.3	67.3
108	61.7	46.7	86.7

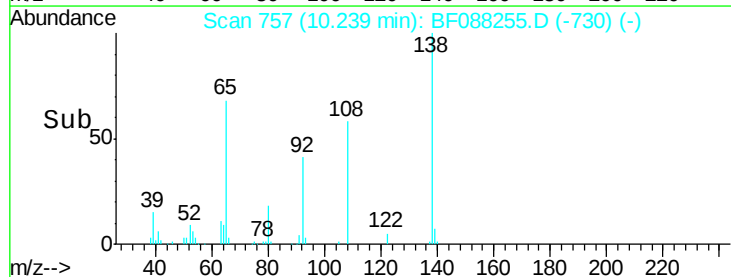
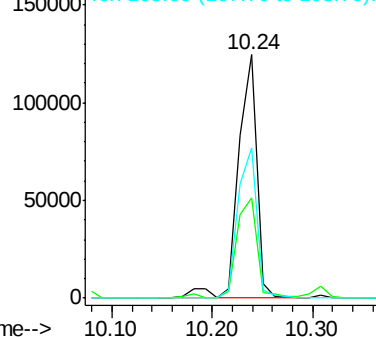


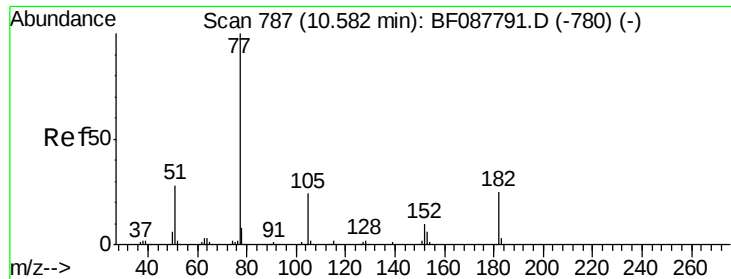
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 45.70 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

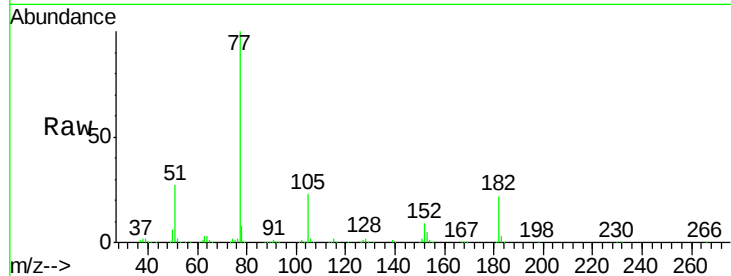
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	77	Resp:	544913
Ion Ratio	Lower	Upper	
77	100		
182	21.5	4.4	44.4
105	23.4	3.8	43.8
51	26.6	9.3	49.3

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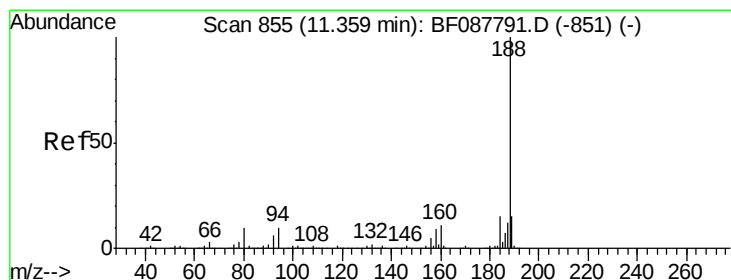
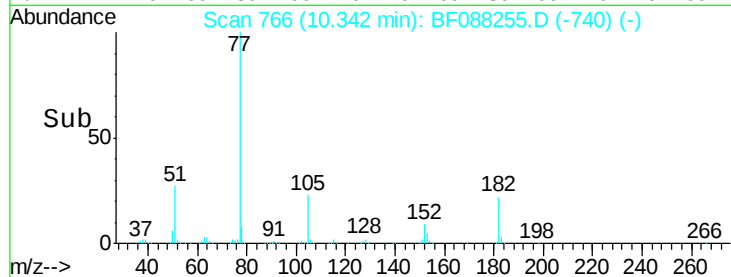
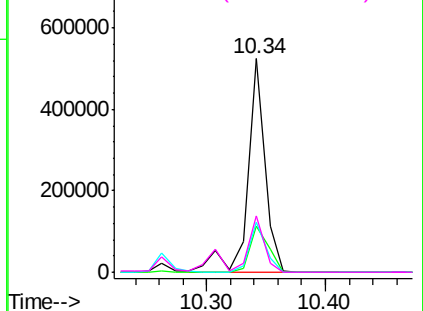


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088255.D

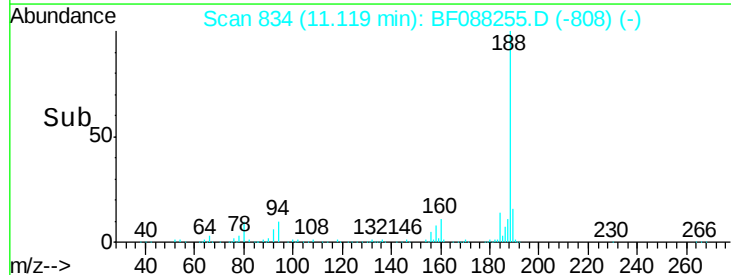
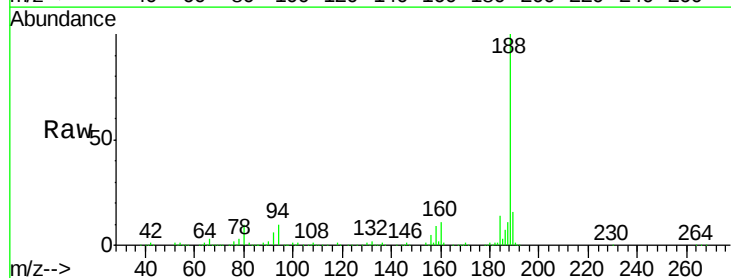
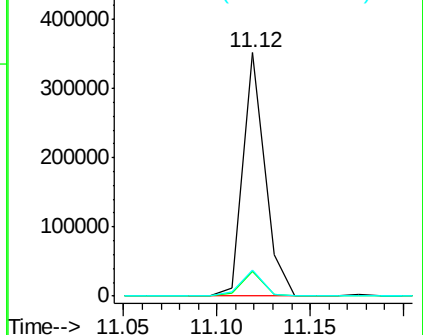
Acq: 22 Jun 2016 17:53

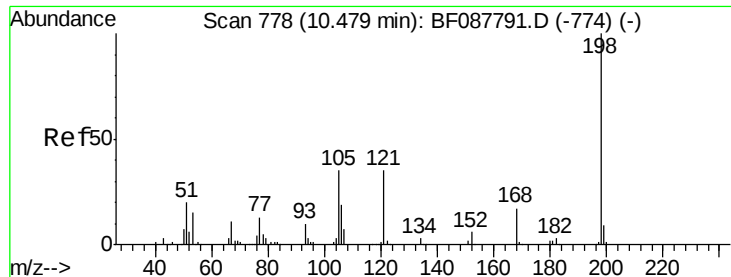
Tgt Ion:	188	Resp:	291045
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.0	13.6
80	10.5	10.0	15.0

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: 53.21 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:198 Resp: 97126

Ion Ratio Lower Upper

198 100

51 37.4 39.6 79.6#

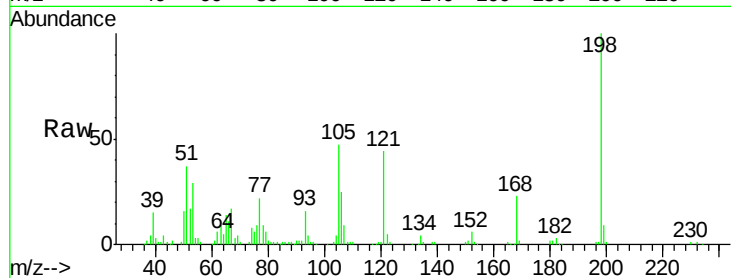
105 47.1 36.6 76.6

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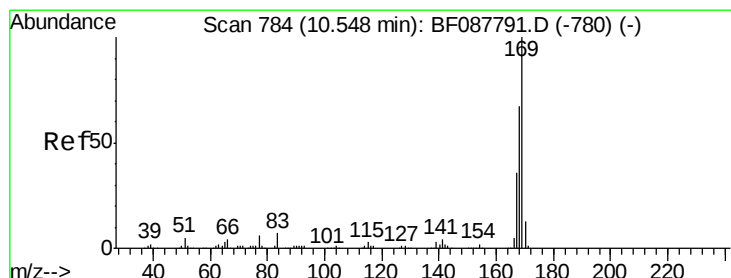
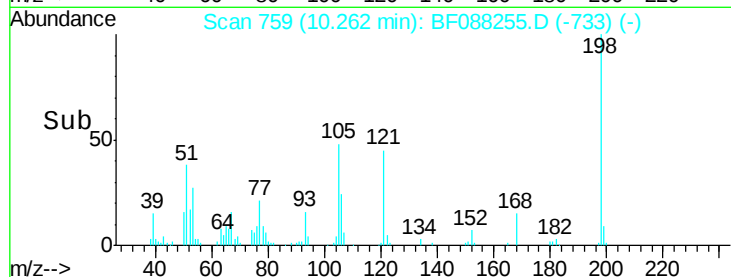
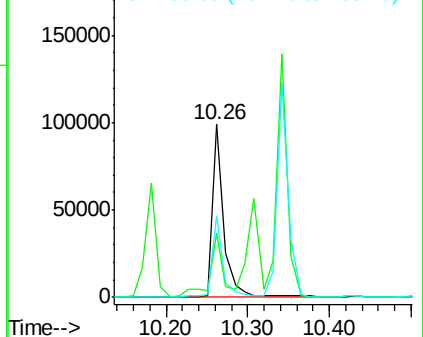
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.05 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

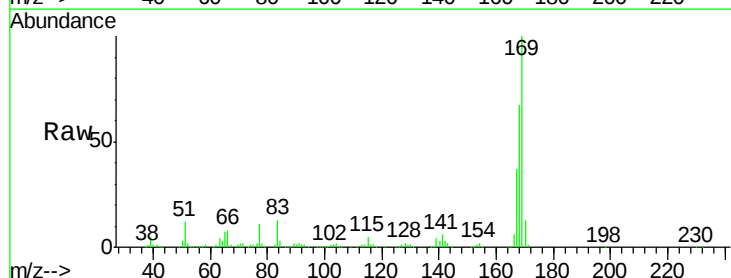
Tgt Ion:169 Resp: 464015

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

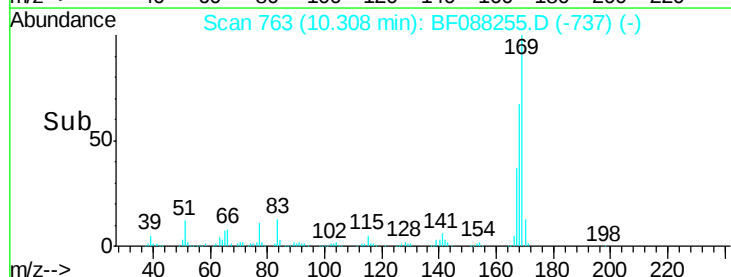
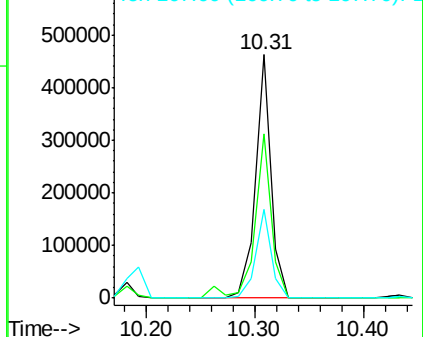
167 36.6 29.4 44.0

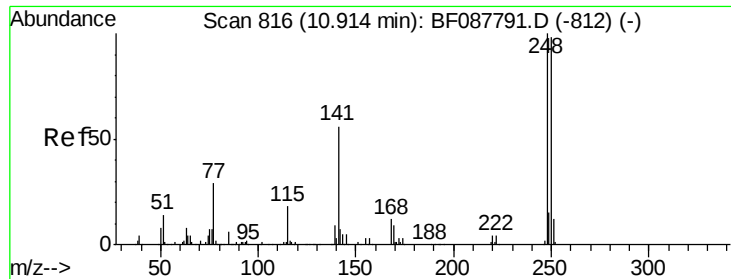


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





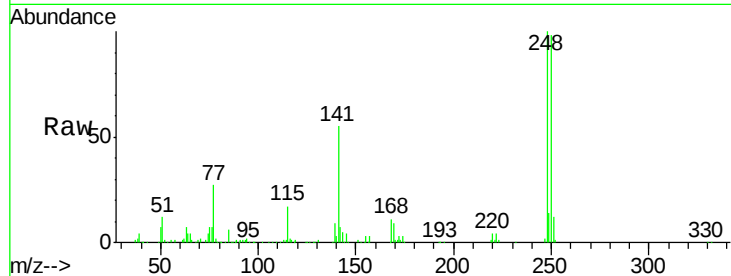
#66
4-Bromophenyl-phenylether
Concen: 48.46 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

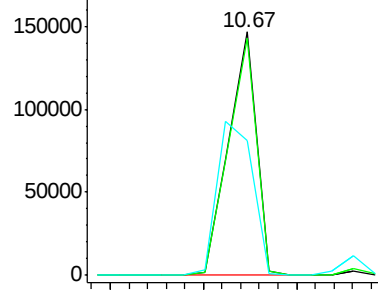
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.1	115.7
141	55.2	50.6	76.0

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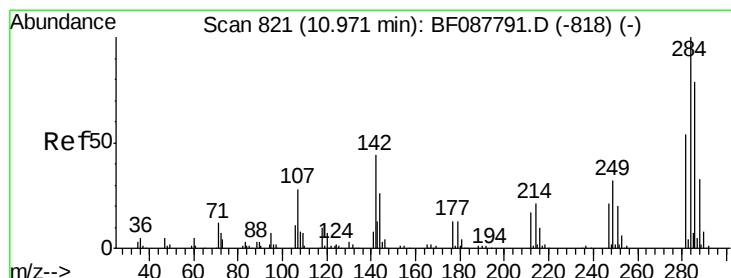
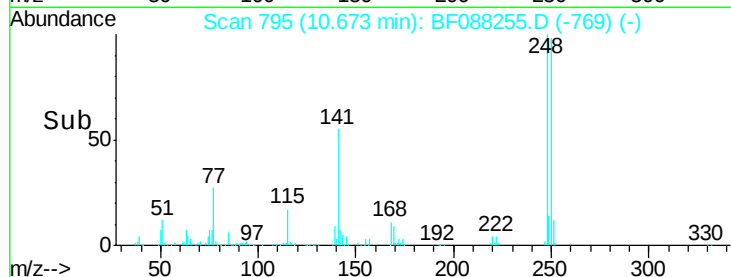
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

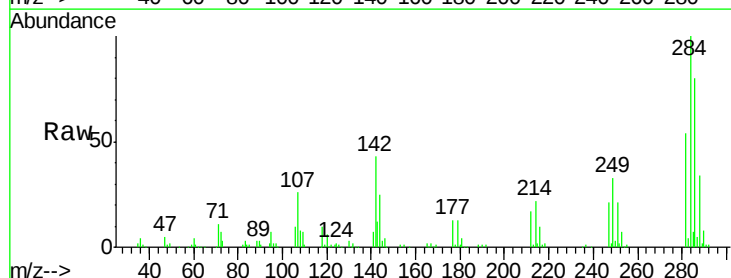


Time-->

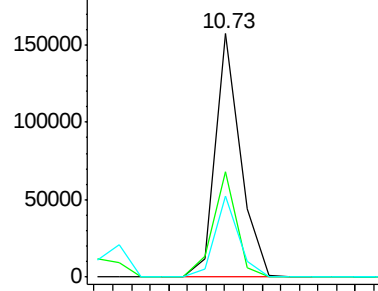


#67
Hexachlorobenzene
Concen: 45.22 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

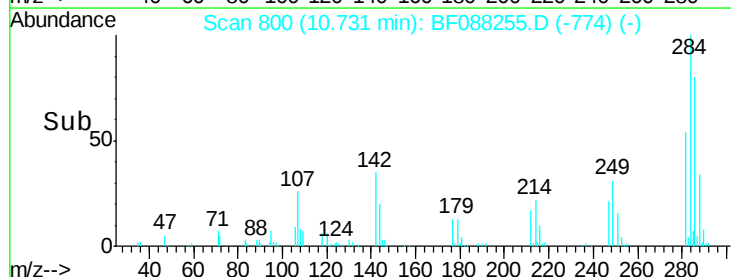
Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.5	35.8	53.8
249	33.5	25.8	38.6



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



Time-->





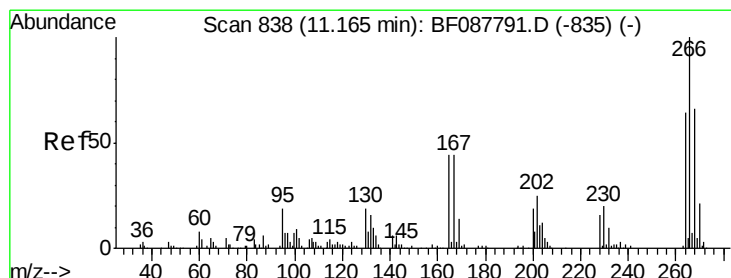
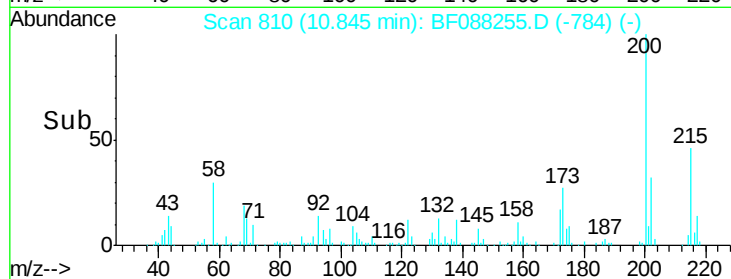
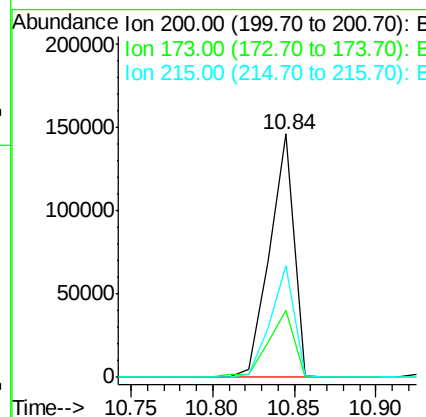
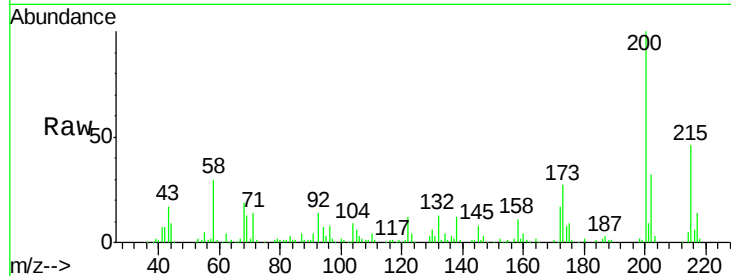
#68
Atrazine
Concen: 51.93 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	4.0	44.0
215	45.7	29.3	69.3

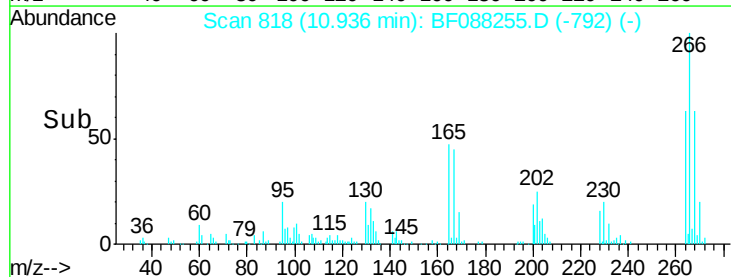
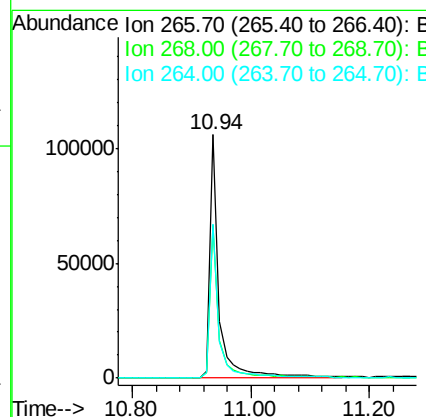
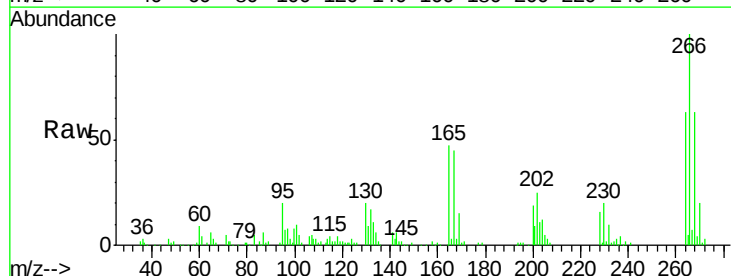
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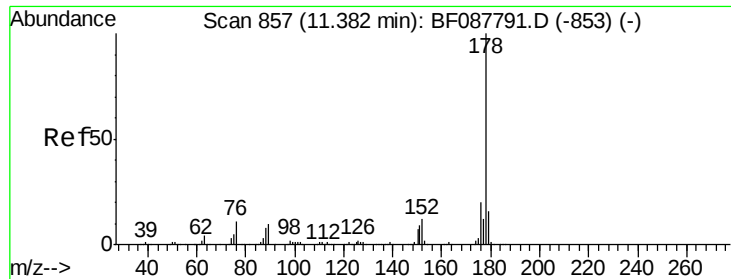
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#69
Pentachlorophenol
Concen: 69.78 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	52.8	79.2
264	63.4	49.6	74.4





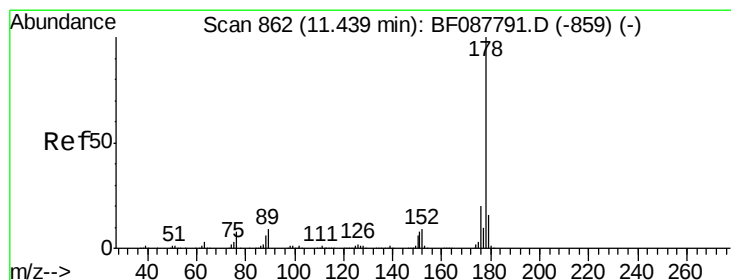
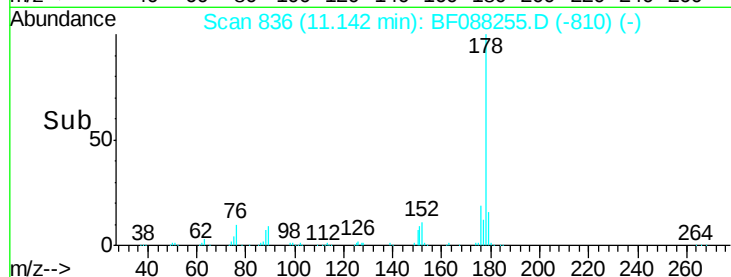
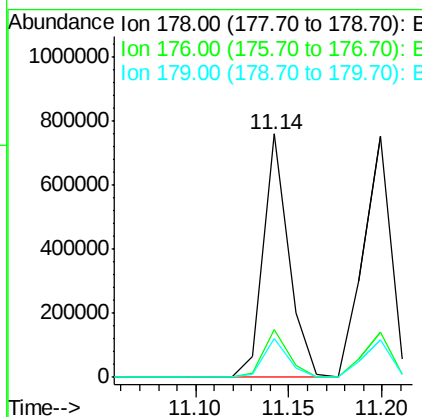
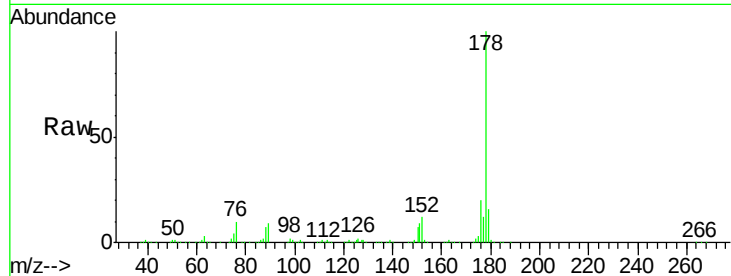
#70
Phenanthrene
Concen: 46.62 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.1	13.0	19.4

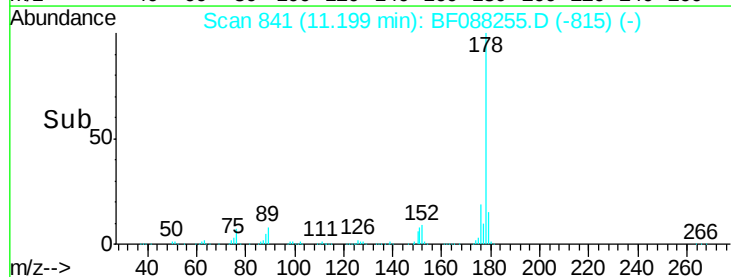
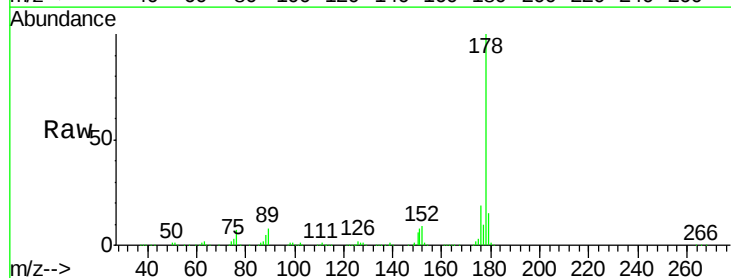
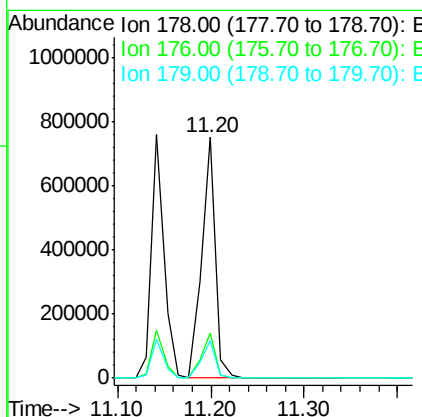
Manual Integrations
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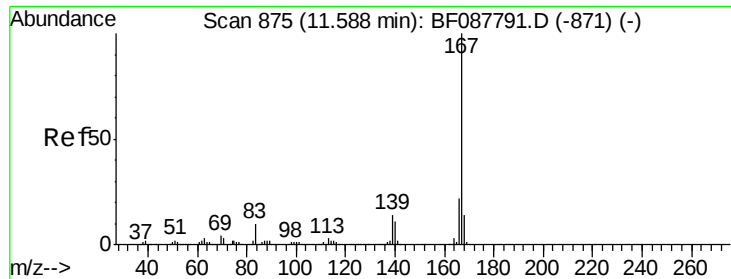
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#71
Anthracene
Concen: 50.31 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.5	12.8	19.2





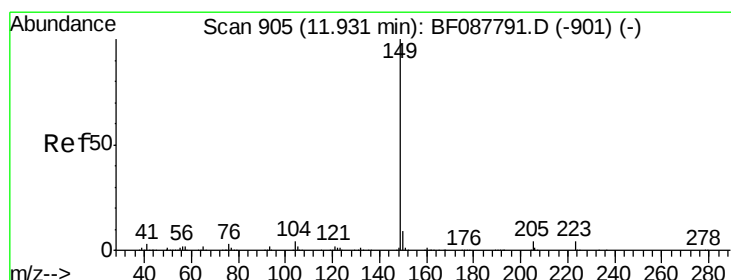
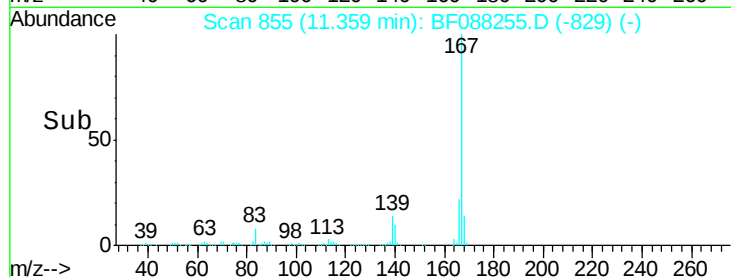
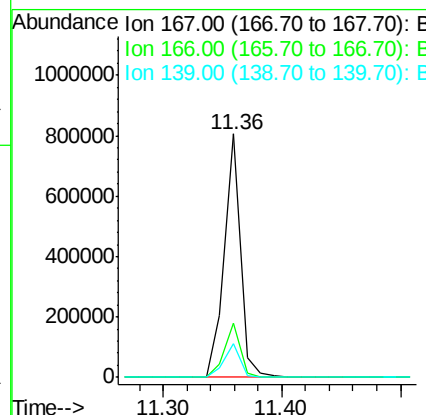
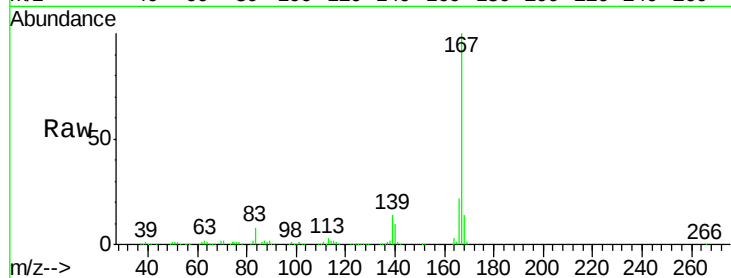
#72
 Carbazole
 Concen: 52.34 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.6	11.2	16.8

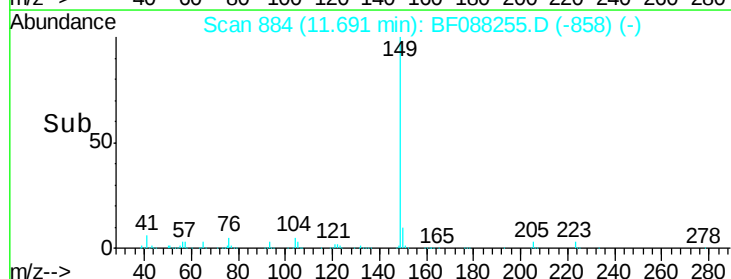
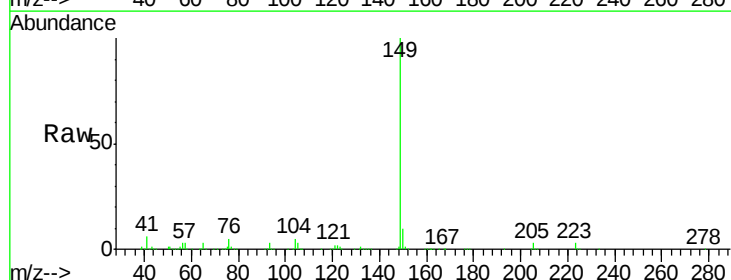
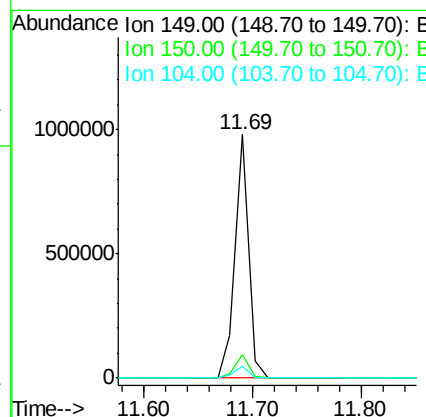
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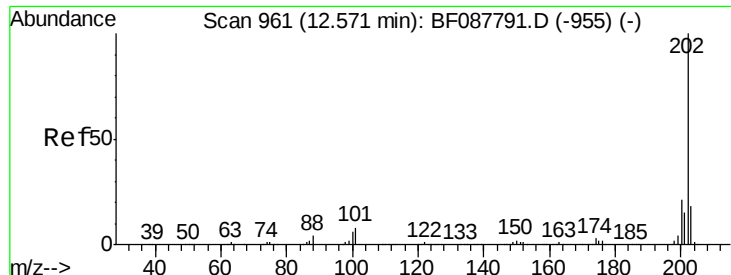
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#73
 Di-n-butylphthalate
 Concen: 45.88 ng
 RT: 11.69 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	4.0	6.0





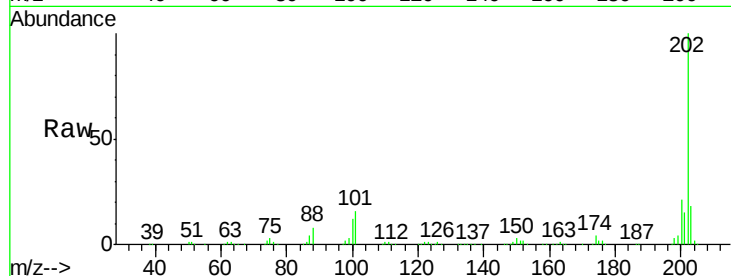
#74
Fluoranthene
 Concen: 46.96 ng
 RT: 12.32 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

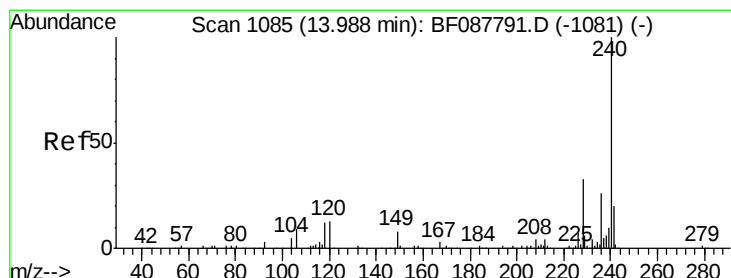
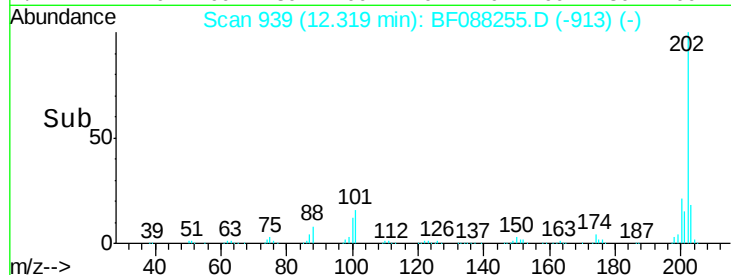
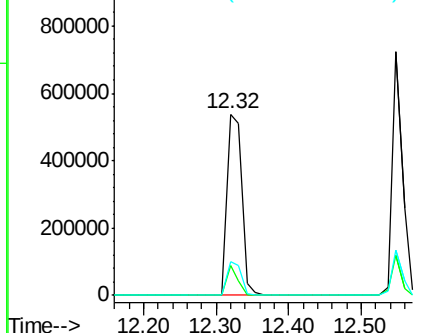
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.2	0.0	33.1
203	18.3	0.0	38.1

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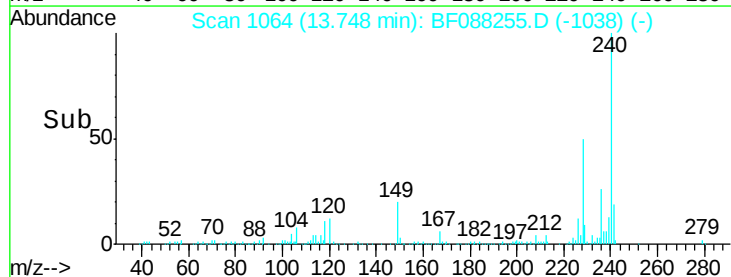
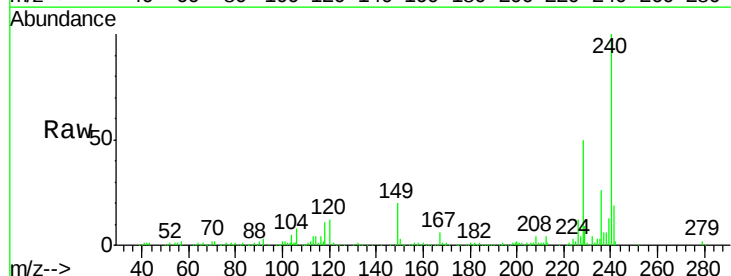
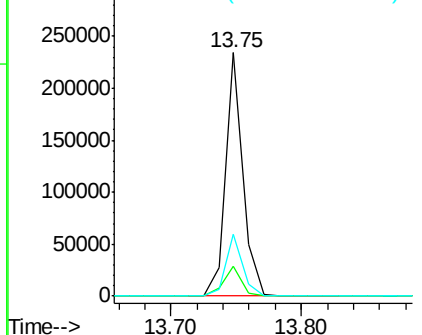
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	25.6	20.2	30.2

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





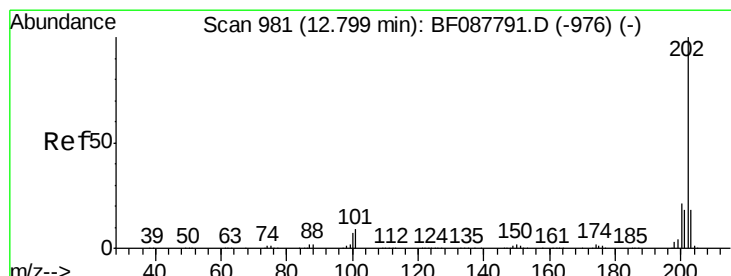
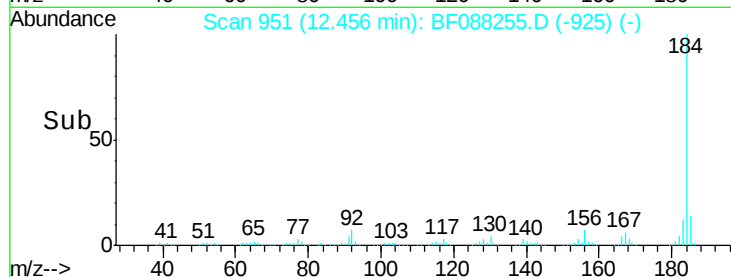
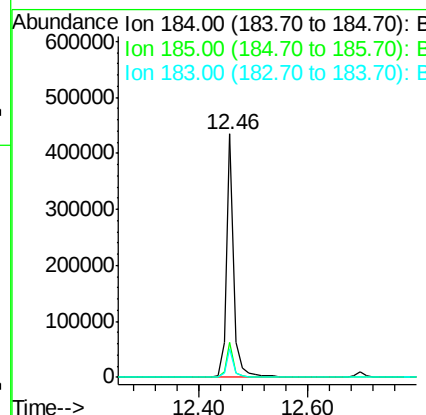
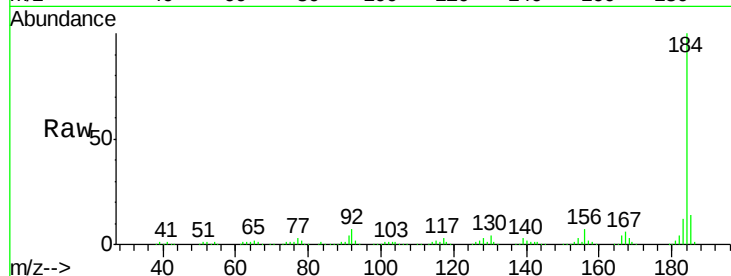
#76
Benzidine
Concen: 70.01 ng
RT: 12.46 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.5	18.7
183	11.6	9.3	13.9

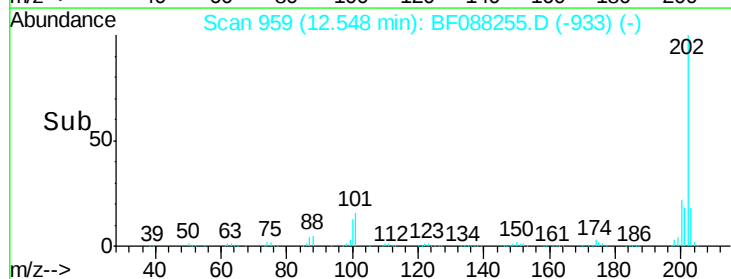
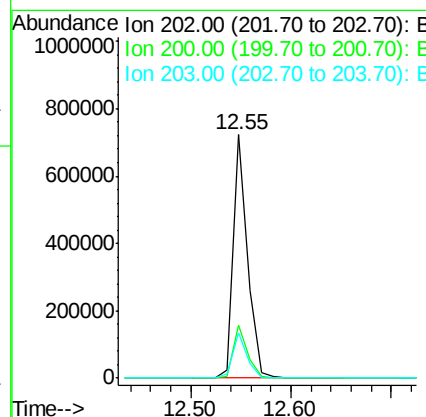
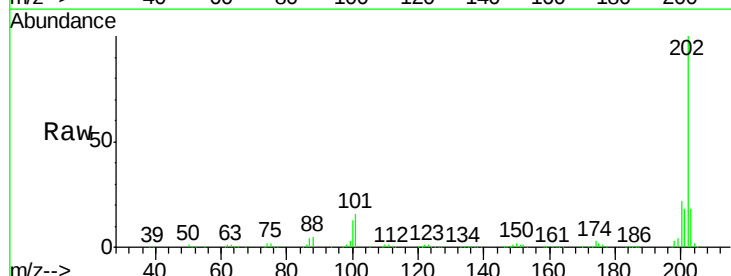
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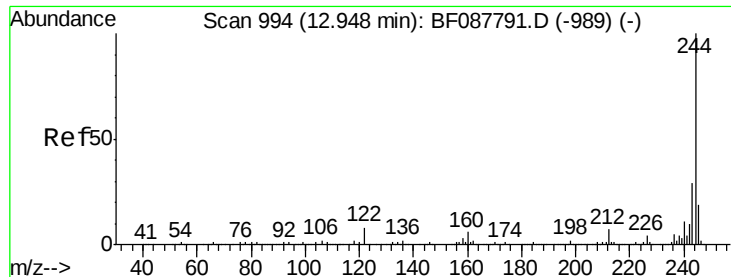
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#77
Pyrene
Concen: 44.36 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.4	14.5	21.7





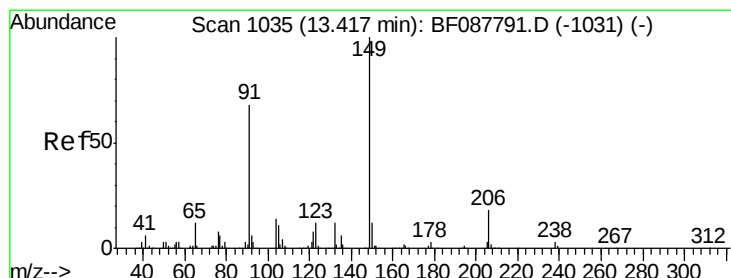
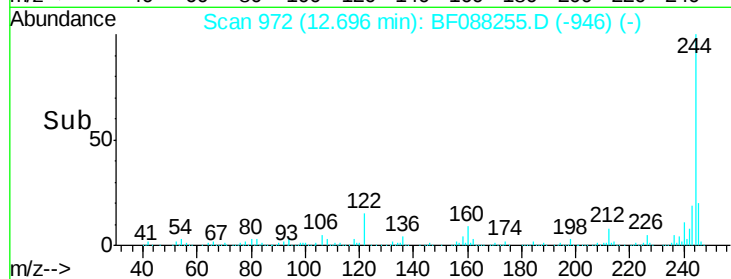
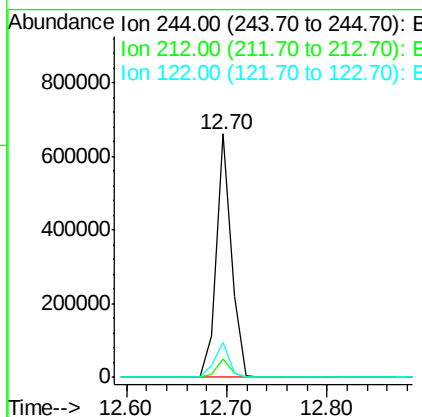
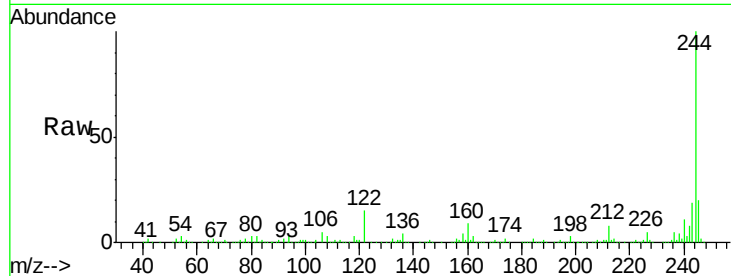
#78
 Terphenyl-d14
 Concen: 72.51 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.5	11.2	16.8

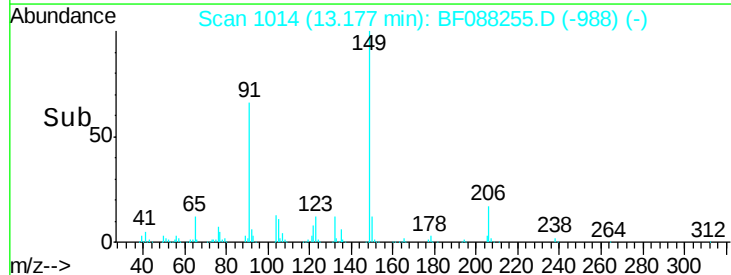
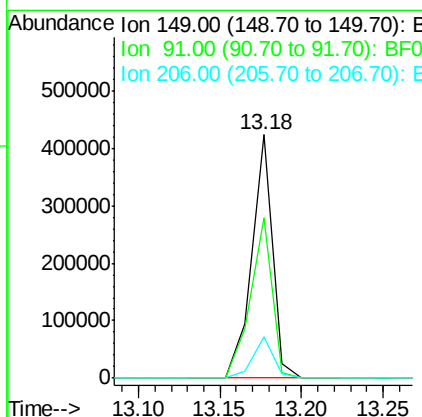
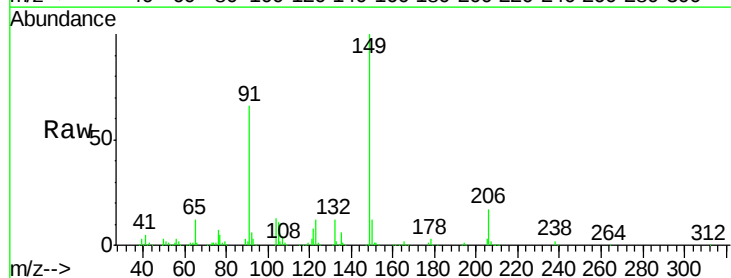
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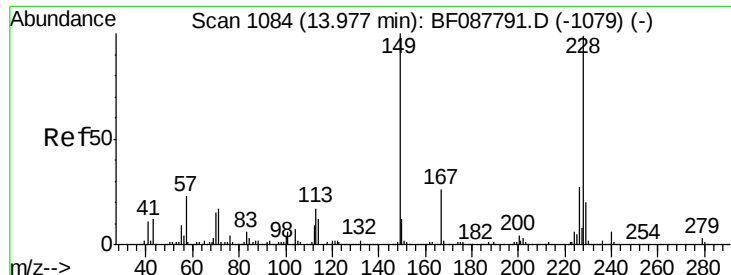
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#79
 Butylbenzylphthalate
 Concen: 52.83 ng
 RT: 13.18 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	48.0	72.0
206	16.9	16.0	24.0





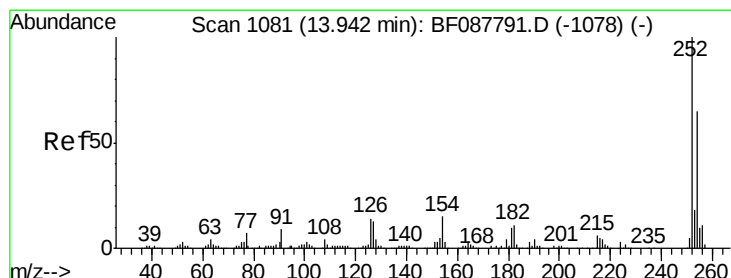
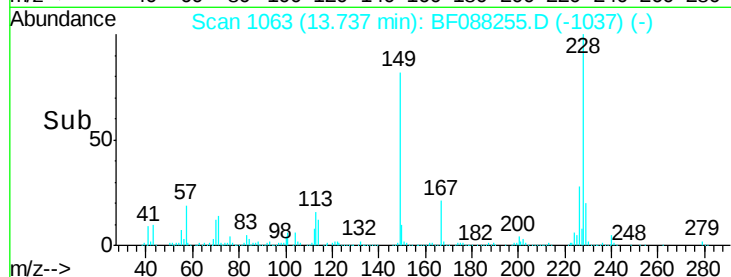
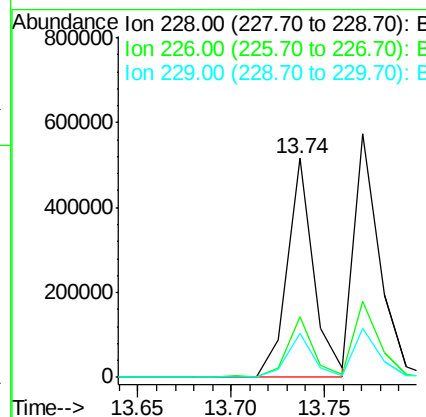
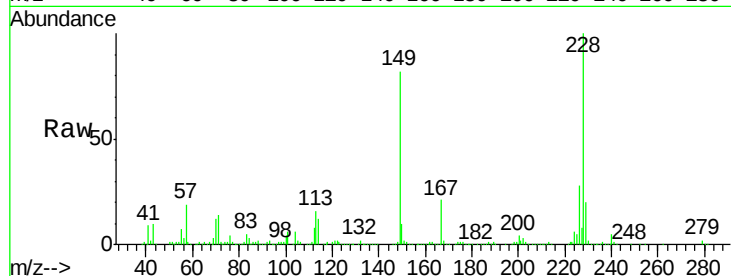
#80
Benzo(a)anthracene
Concen: 41.53 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	16.0	24.0

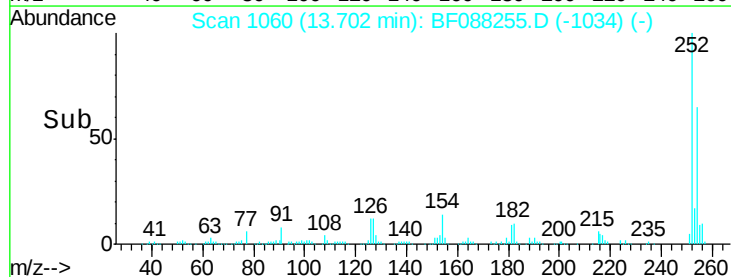
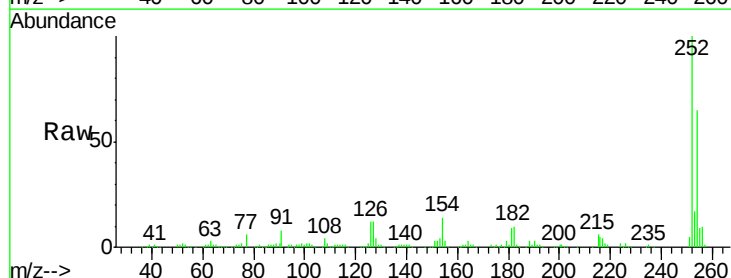
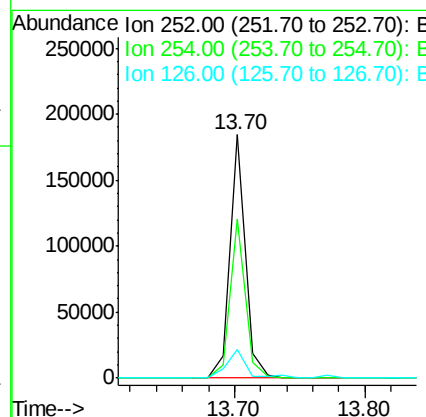
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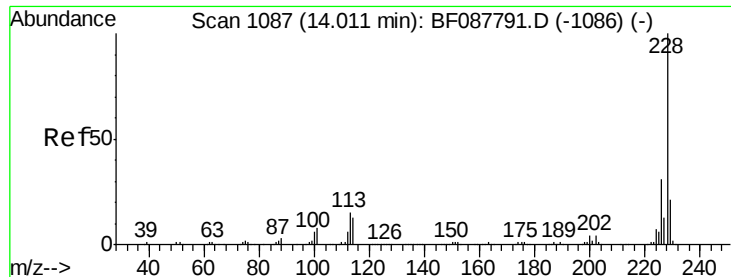
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#81
3,3'-Dichlorobenzidine
Concen: 46.51 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	11.6	6.2	9.2





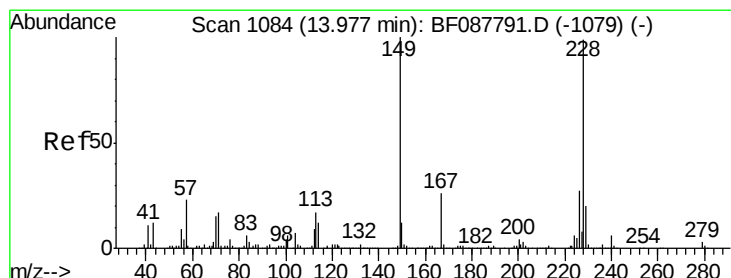
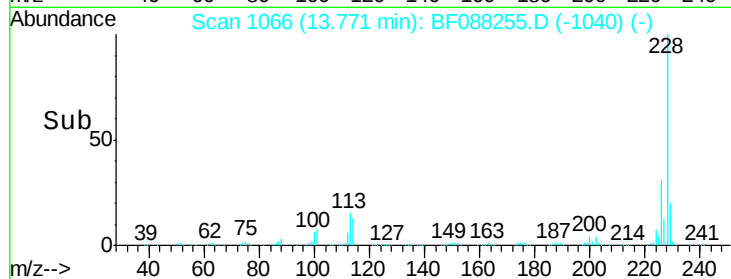
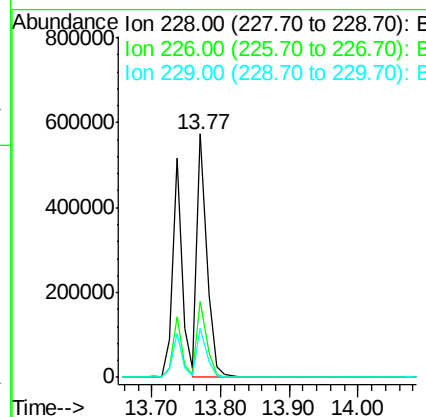
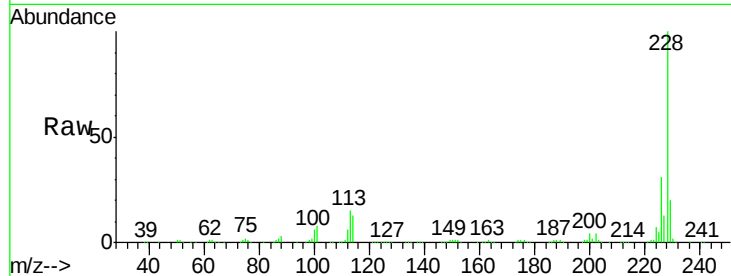
#82
 Chrysene
 Concen: 48.19 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.3	16.3	24.5

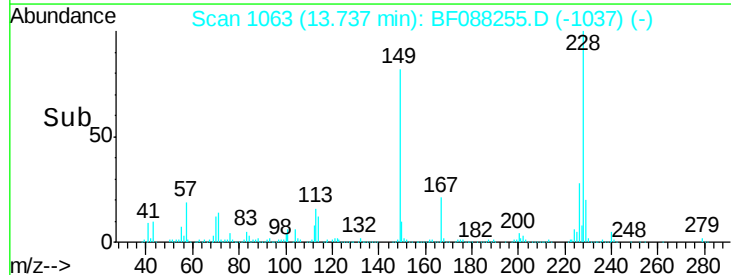
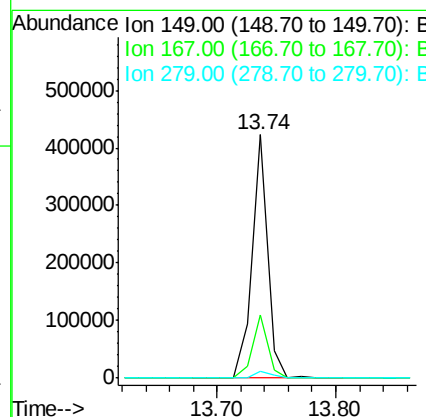
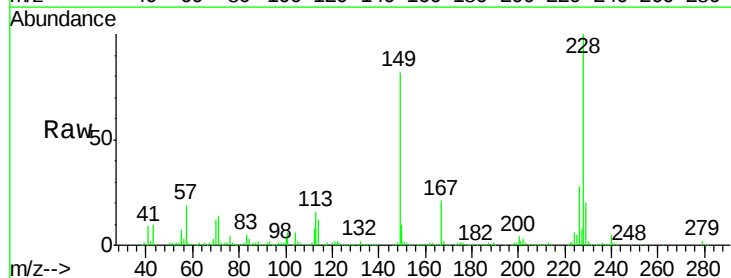
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.45 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF088255.D
 Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.5	30.7
279	2.9	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 52.21 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Instrument :

BNA_F

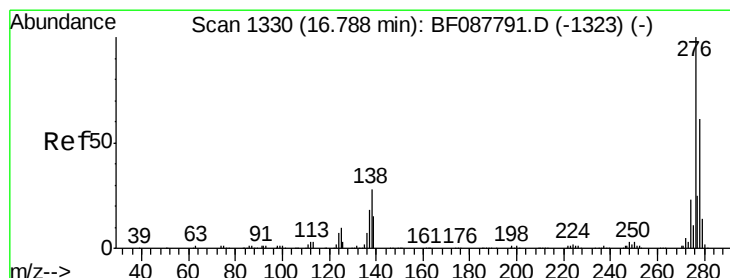
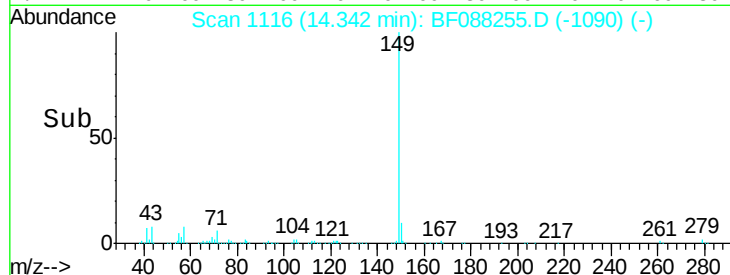
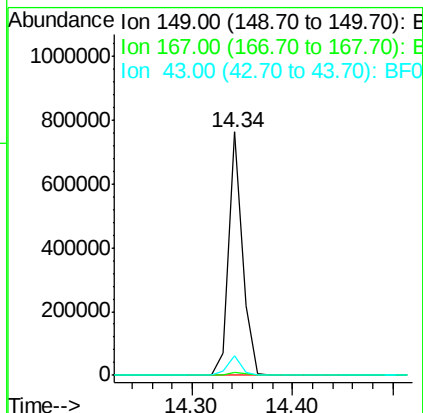
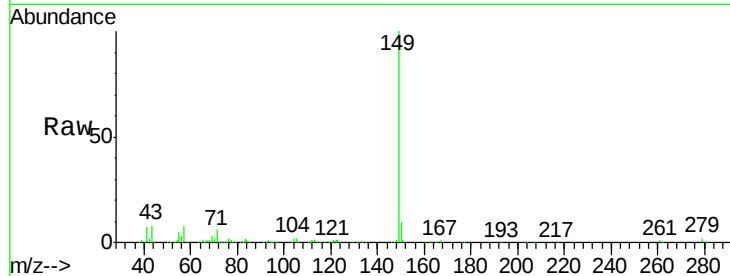
ClientSampleId :

SB-1(3.5-4)MSD

Tot Ion:	149	Resp:	729471
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	7.9	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 45.04 ng

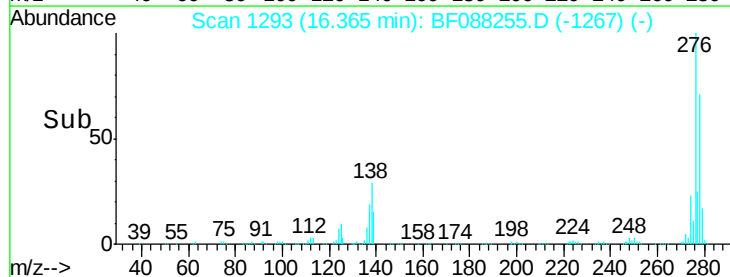
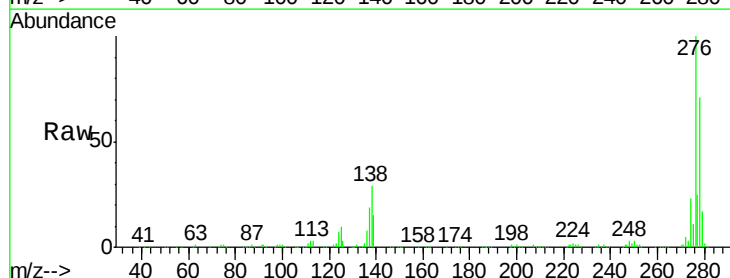
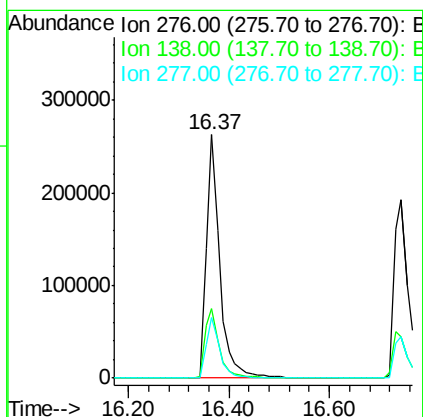
RT: 16.37 min Scan# 1293

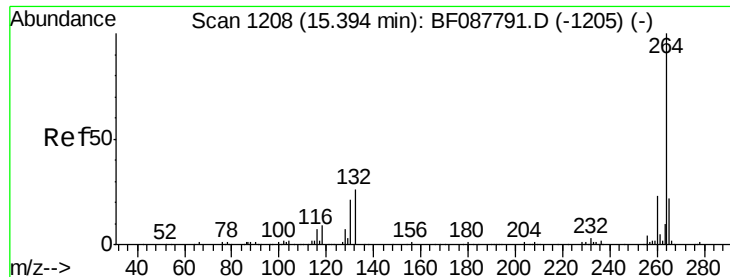
Delta R.T. 0.00 min

Lab File: BF088255.D

Acq: 22 Jun 2016 17:53

Tgt Ion:	276	Resp:	483009
Ion Ratio	Lower	Upper	
276	100		
138	30.9	0.0	0.0#
277	25.0	0.0	0.0#





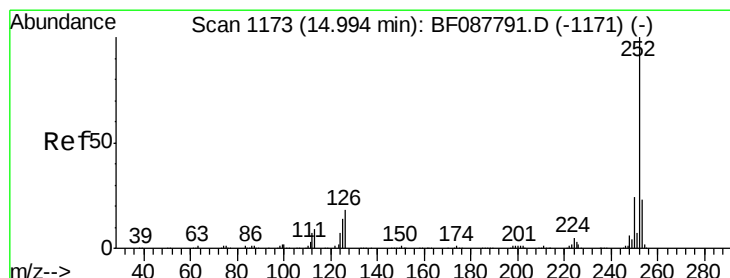
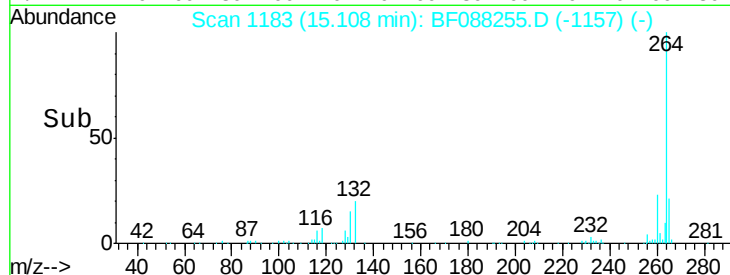
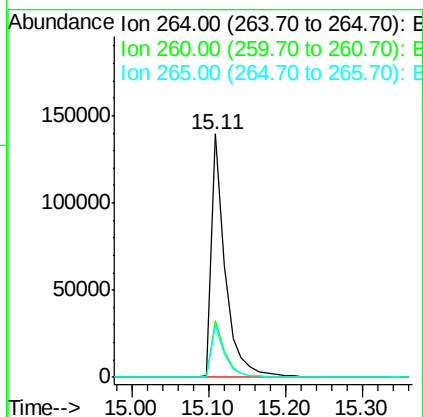
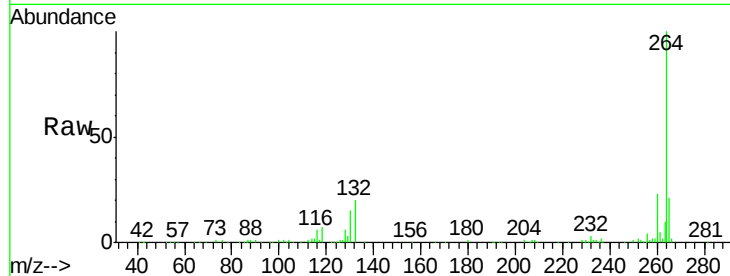
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	16.9	25.3

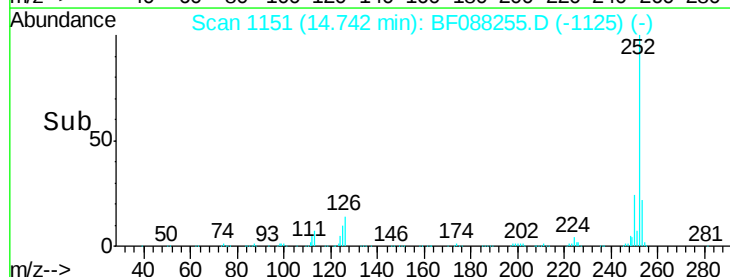
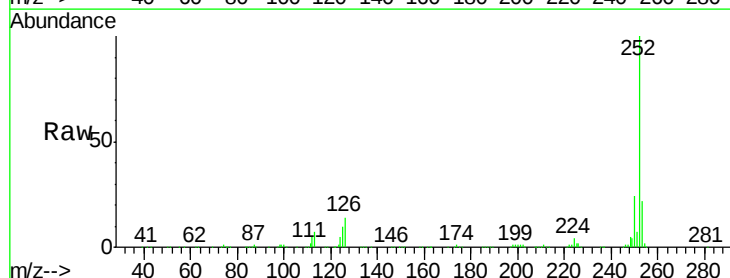
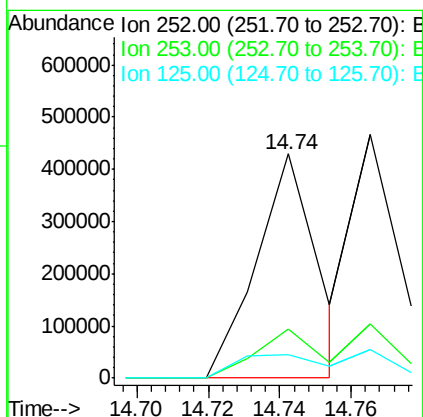
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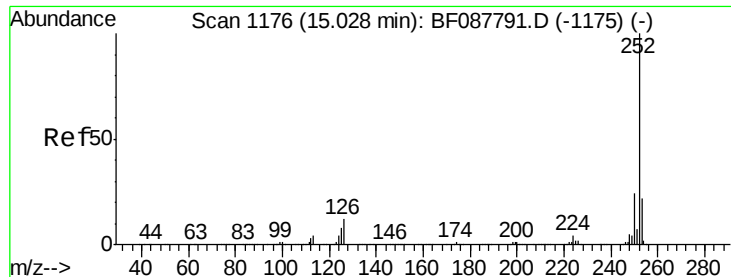
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#87
Benzo(b)fluoranthene
Concen: 41.53 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.5	7.1	10.7





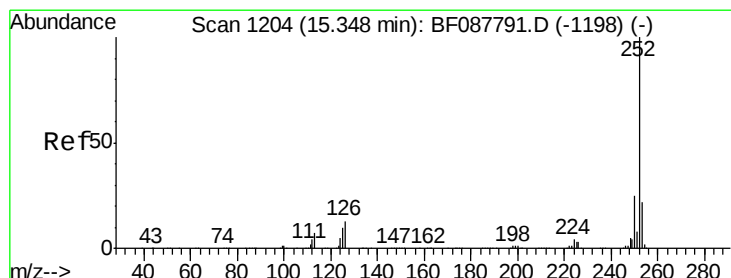
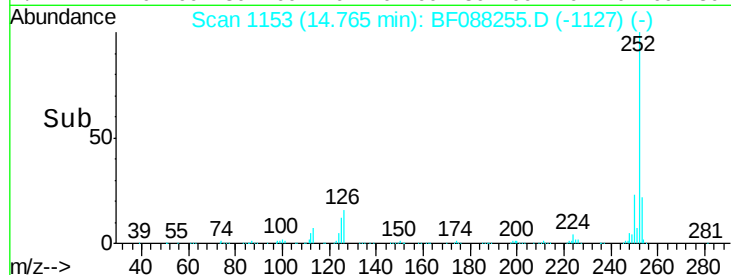
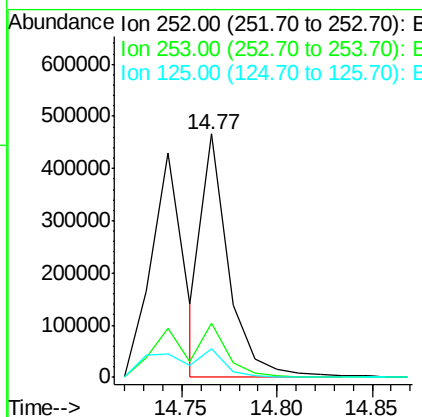
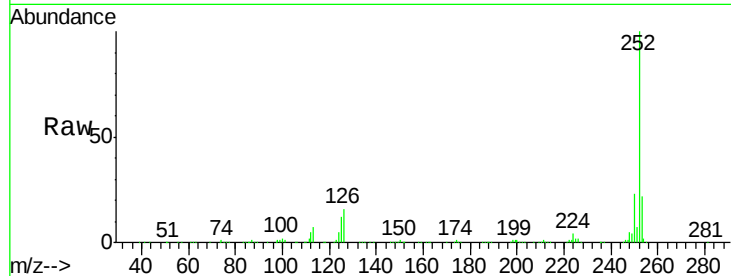
#88
Benzo(k)fluoranthene
Concen: 50.33 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.5	11.2	16.8

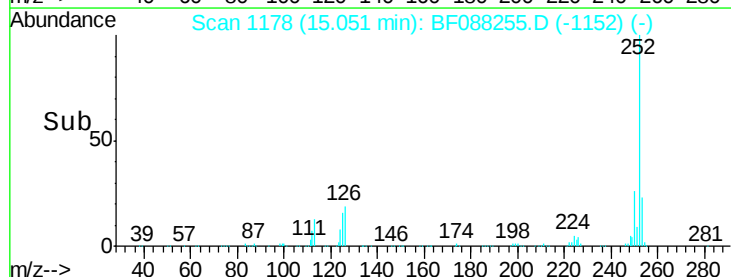
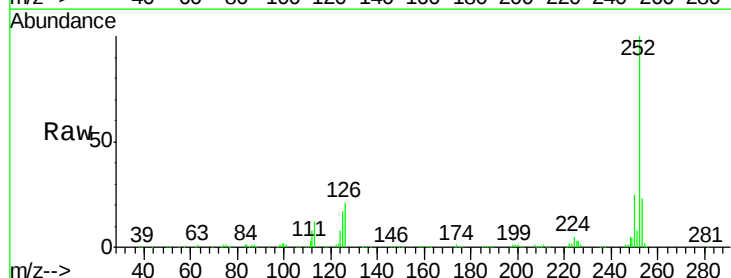
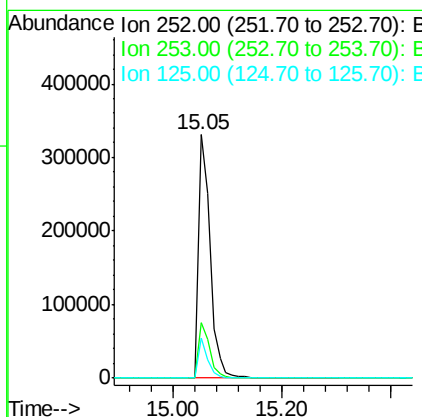
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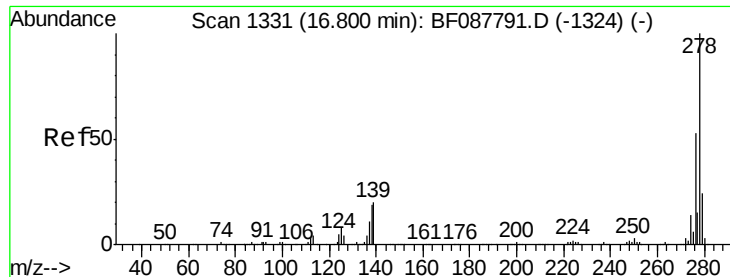
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#89
Benzo(a)pyrene
Concen: 48.74 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	16.6	12.5	18.7





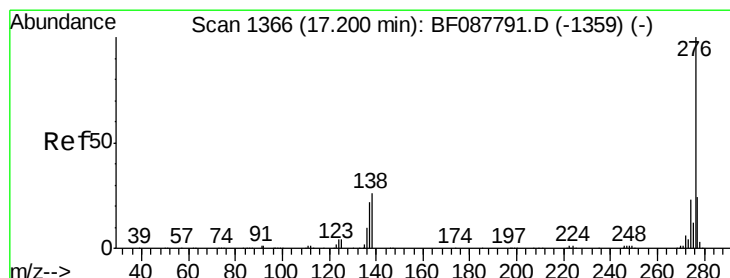
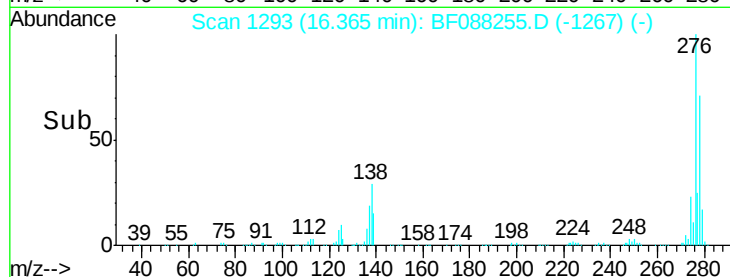
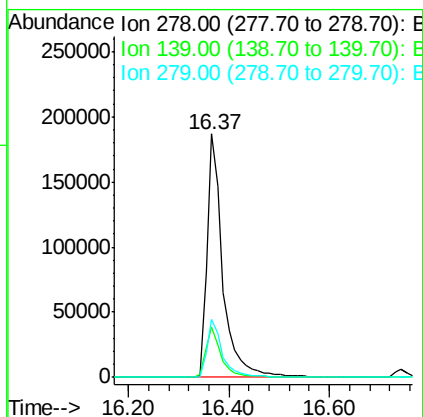
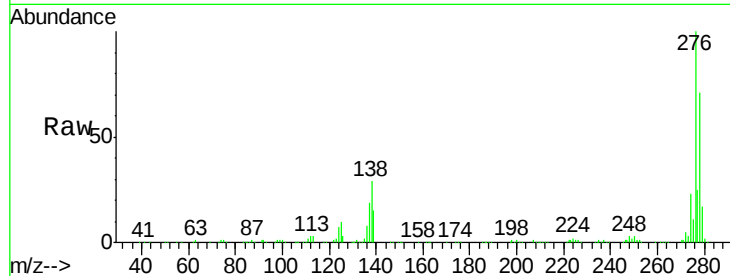
#90
Dibenzo(a,h)anthracene
Concen: 44.26 ng
RT: 16.37 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 45.63 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF088255.D
Acq: 22 Jun 2016 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	23.3	21.4	32.2

