

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088319.D
 Acq On : 24 Jun 2016 7:06
 Operator : UM/SJ
 Sample : H3683-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Manual Integrations
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 6/24/2016 1:32:50 PM

Quant Time: Jun 24 07:50:09 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	6.59	152	78000	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	322379	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	146596	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	252288	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	140161	20.00	ng	-0.01
86) Perylene-d12	15.09	264	153462	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	655020	143.56	ng	0.02
7) Phenol-d6	6.27	99	746285	134.96	ng	0.01
23) Nitrobenzene-d5	7.18	82	492323	89.18	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	170454	110.12	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	791495	84.80	ng	-0.01
78) Terphenyl-d14	12.69	244	552440	89.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	74028	33.39	ng	# 19
3) Pyridine	2.72	79	193778	37.02	ng	92
4) n-Nitrosodimethylamine	2.68	42	86951	39.22	ng	82
6) Aniline	6.27	93	135523	17.22	ng	# 9
8) 2-Chlorophenol	6.39	128	260474	48.23	ng	91
10) Phenol	6.28	94	319614	56.63	ng	88
11) bis(2-Chloroethyl)ether	6.34	93	233915	48.24	ng	89
12) 1,3-Dichlorobenzene	6.54	146	260661m	44.99	ng	
13) 1,4-Dichlorobenzene	6.62	146	272763	46.73	ng	97
14) 1,2-Dichlorobenzene	6.76	146	244212m	46.01	ng	
15) Benzyl Alcohol	6.76	79	192706	44.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	248758	37.97	ng	# 1
17) 2-Methylphenol	6.89	107	195797	44.71	ng	# 89
18) Hexachloroethane	7.10	117	92069	44.45	ng	# 85
19) n-Nitroso-di-n-propylamine	7.03	70	159482	45.08	ng	90
20) 3+4-Methylphenols	7.05	107	265728	52.00	ng	# 78
22) Acetophenone	7.02	105	348704	48.40	ng	# 97
24) Nitrobenzene	7.19	77	235664	44.07	ng	88
25) Isophorone	7.43	82	448869	43.89	ng	98
26) 2-Nitrophenol	7.51	139	142792	49.85	ng	89
27) 2,4-Dimethylphenol	7.56	122	199817	37.88	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	295727	46.63	ng	98
29) 2,4-Dichlorophenol	7.76	162	225200	51.14	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	220595	46.00	ng	99
31) Naphthalene	7.91	128	756338	47.41	ng	99
32) Benzoic acid	7.74	122	101054	34.79	ng	94
33) 4-Chloroaniline	7.98	127	75449	10.59	ng	94
34) Hexachlorobutadiene	8.02	225	115636	45.73	ng	99
35) Caprolactam	8.35	113	66500m	45.59	ng	
36) 4-Chloro-3-methylphenol	8.48	107	217877	46.26	ng	97
37) 2-Methylnaphthalene	8.59	142	462353	43.97	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	205943	61.59	ng	# 1
40) Hexachlorocyclopentadiene	8.74	237	55359	23.41	ng	98
42) 2,4,6-Trichlorophenol	8.89	196	132553	45.22	ng	97

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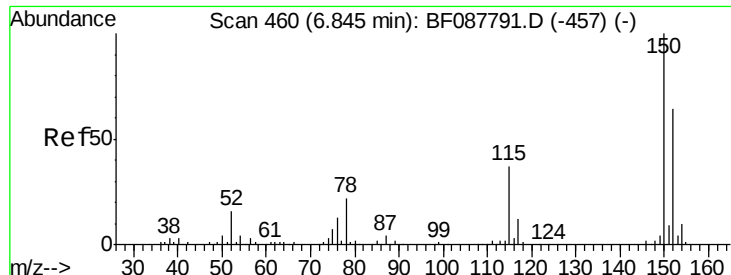
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	123466	40.48	ng	99
45) 1,1'-Biphenyl	9.06	154	577459	53.68	ng	98
46) 2-Chloronaphthalene	9.08	162	457950	48.27	ng	98
47) 2-Nitroaniline	9.20	65	130531	46.64	ng	# 69
48) Acenaphthylene	9.50	152	700965	46.45	ng	99
49) Dimethylphthalate	9.38	163	676109	63.67	ng	98
50) 2,6-Dinitrotoluene	9.44	165	122154	50.23	ng	# 79
51) Acenaphthene	9.67	154	419385	44.55	ng	98
52) 3-Nitroaniline	9.61	138	68032	24.24	ng	88
53) 2,4-Dinitrophenol	9.72	184	61360	51.17	ng	93
54) Dibenzofuran	9.84	168	592424	45.70	ng	# 90
55) 4-Nitrophenol	9.83	139	147414m	67.68	ng	
56) 2,4-Dinitrotoluene	9.85	165	145870	46.67	ng	96
57) Fluorene	10.18	166	475637	55.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	107409	44.81	ng	# 54
59) Diethylphthalate	10.07	149	507677	47.23	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	189477	43.95	ng	94
61) 4-Nitroaniline	10.23	138	103517	38.89	ng	98
62) Azobenzene	10.33	77	481709	45.32	ng	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	57438	36.99	ng	95
65) n-Nitrosodiphenylamine	10.30	169	404091	48.27	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	134427	49.67	ng	97
67) Hexachlorobenzene	10.72	284	131507	46.76	ng	99
68) Atrazine	10.83	200	129382	51.04	ng	92
69) Pentachlorophenol	10.92	266	89565	60.42	ng	98
70) Phenanthrene	11.13	178	628960	47.51	ng	99
71) Anthracene	11.19	178	668867	50.09	ng	99
72) Carbazole	11.35	167	589215	47.15	ng	100
73) Di-n-butylphthalate	11.68	149	787082	49.76	ng	100
74) Fluoranthene	12.31	202	573471	41.05	ng	97
76) Benzidine	12.45	184	139036	35.83	ng	97
77) Pyrene	12.54	202	571008	54.90	ng	100
79) Butylbenzylphthalate	13.17	149	285831	62.16	ng	96
80) Benzo(a)anthracene	13.73	228	411312	51.50	ng	98
81) 3,3'-Dichlorobenzidine	13.69	252	87134	40.57	ng	# 99
82) Chrysene	13.76	228	424529	56.50	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	338620	60.49	ng	# 97
84) Di-n-octyl phthalate	14.33	149	575845	63.31	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.34	276	418072	59.88	ng	# 100
87) Benzo(b)fluoranthene	14.72	252	405887m	37.95	ng	
88) Benzo(k)fluoranthene	14.75	252	424647m	52.63	ng	
89) Benzo(a)pyrene	15.04	252	411729	47.58	ng	# 95
90) Dibenzo(a,h)anthracene	16.34	278	353114	43.93	ng	99
91) Benzo(g,h,i)perylene	16.71	276	356838	43.16	ng	98

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



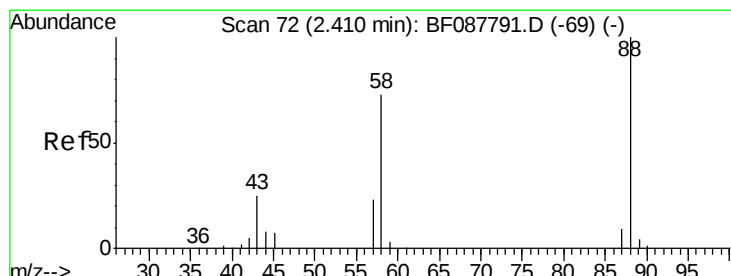
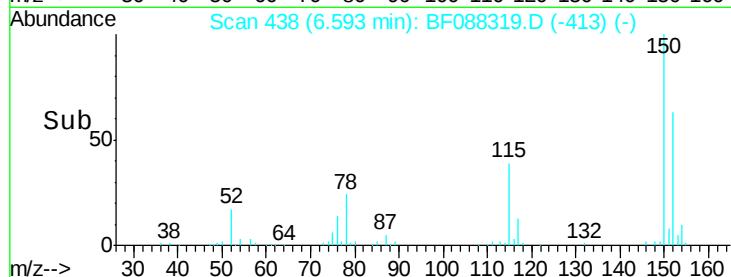
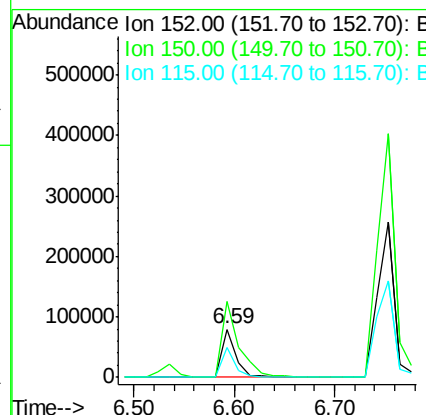
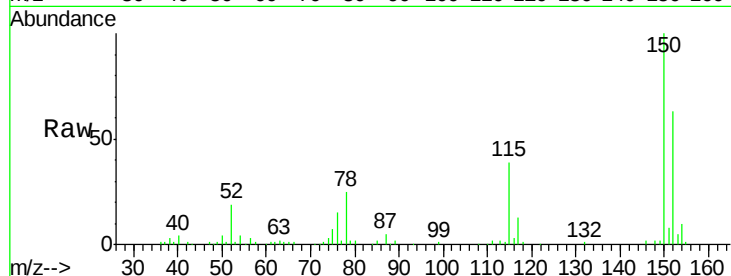
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	61.8	39.6	59.4

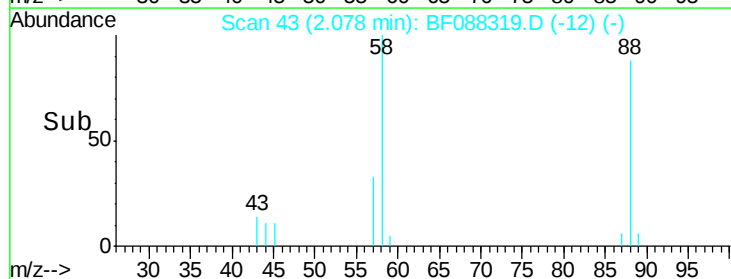
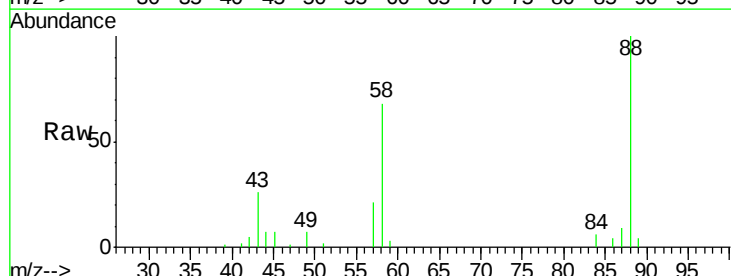
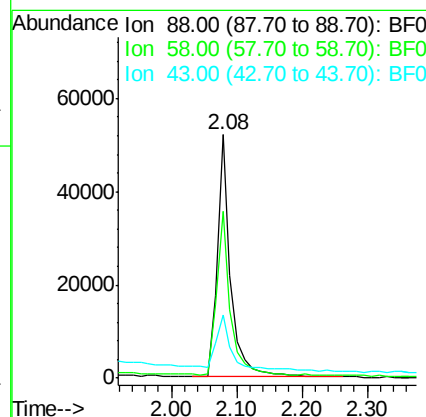
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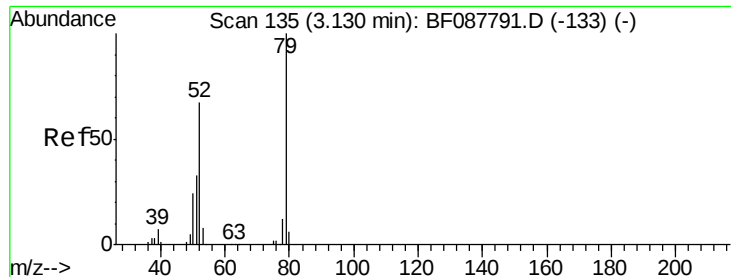
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#2
 1,4-Dioxane
 Concen: 33.39 ng
 RT: 2.08 min Scan# 43
 Delta R.T. 0.06 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	0.0	0.0
43	31.0	3.4	5.2





#3

Pyridine

Concen: 37.02 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.05 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

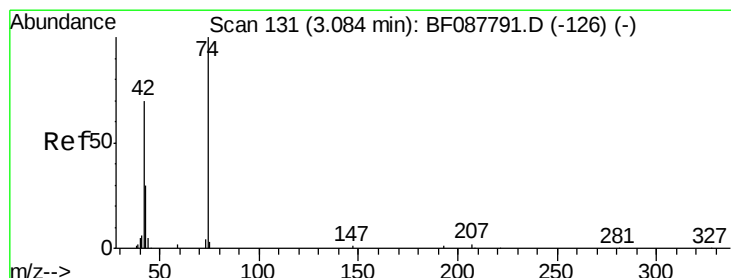
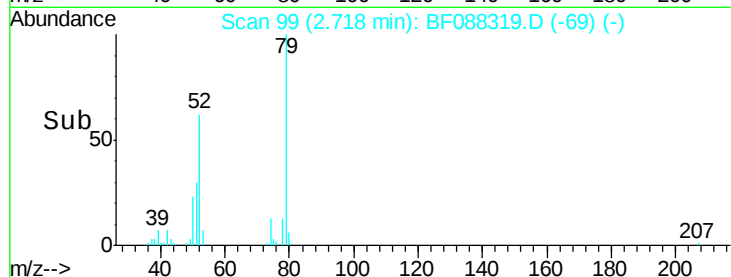
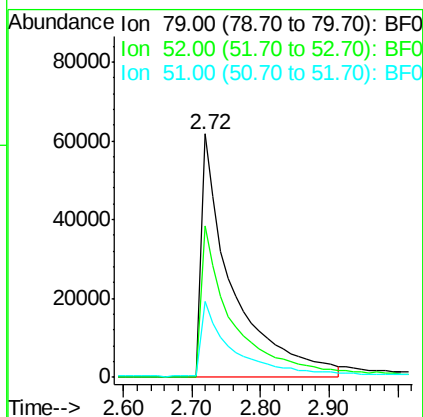
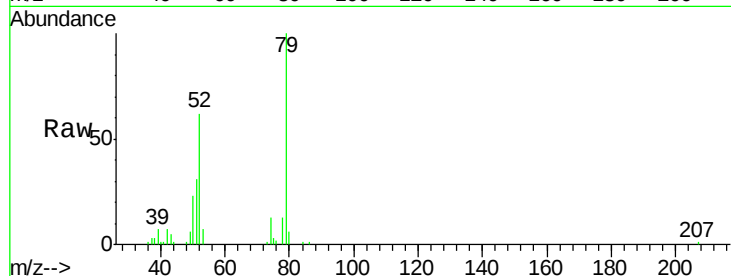
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	79	Resp:	193778
Ion	Ratio	Lower	Upper
79	100		
52	62.4	56.3	84.5
51	31.0	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 39.22 ng

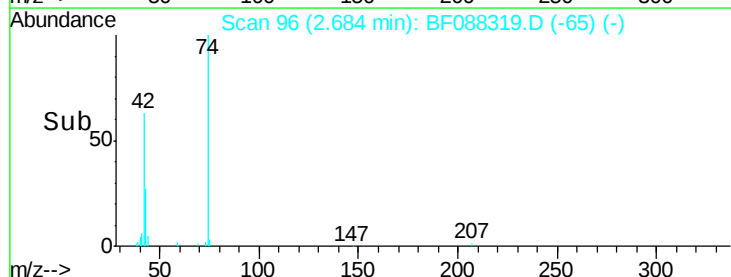
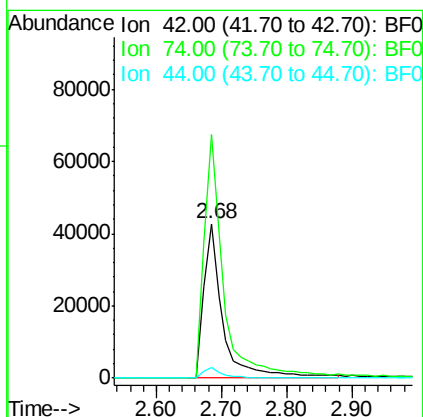
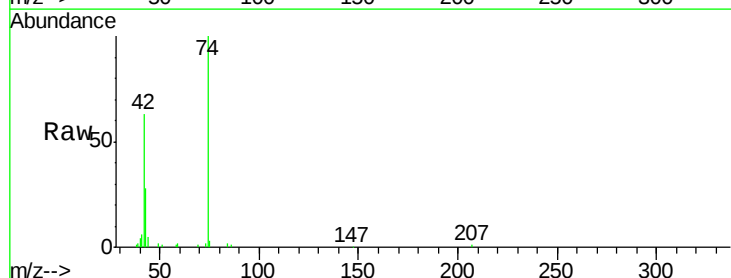
RT: 2.68 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	42	Resp:	86951
Ion	Ratio	Lower	Upper
42	100		
74	157.9	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 143.56 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.02 min

Lab File: BF088319.D

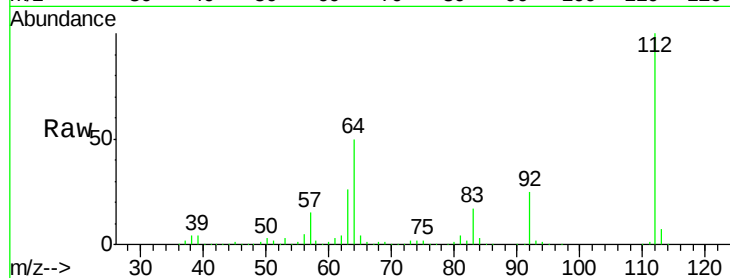
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Instrument :

BNA_F

ClientSampleId :

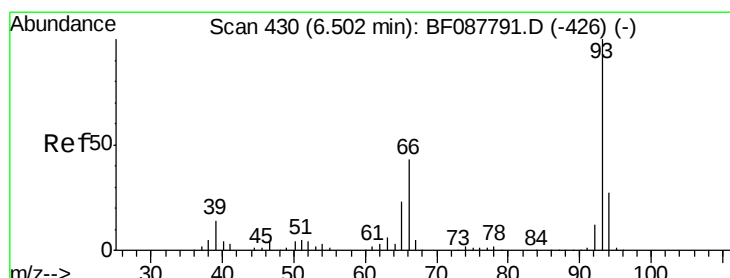
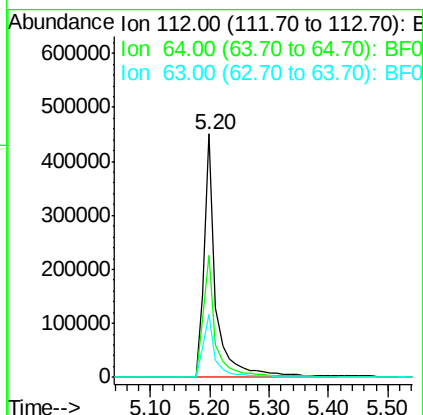
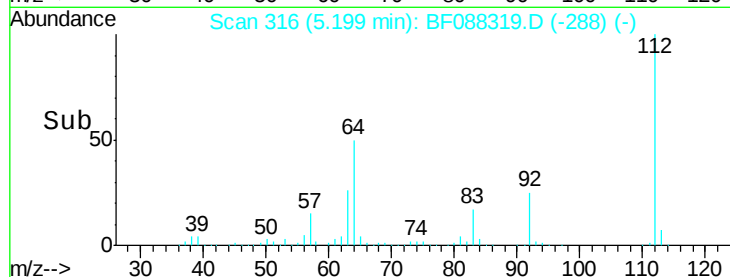
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	655020		
64	50.4	42.2	63.2	
63	25.9	21.8	32.8	

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#6

Aniline

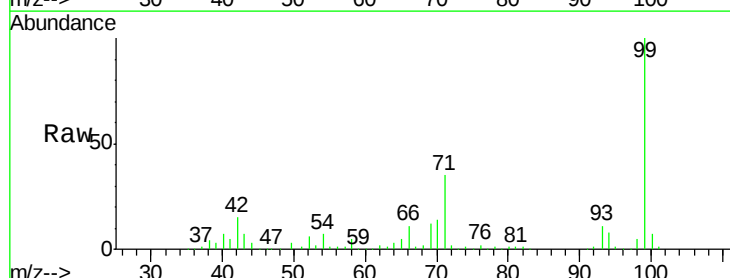
Concen: 17.22 ng

RT: 6.27 min Scan# 410

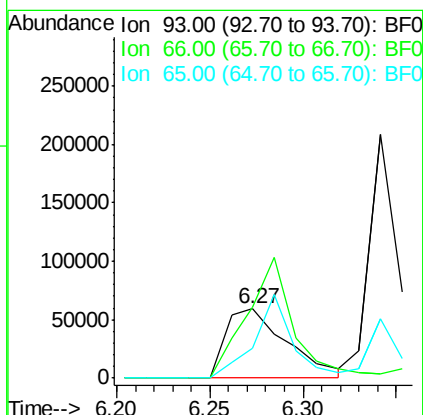
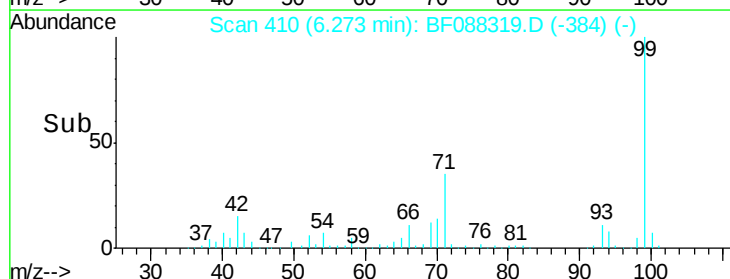
Delta R.T. 0.00 min

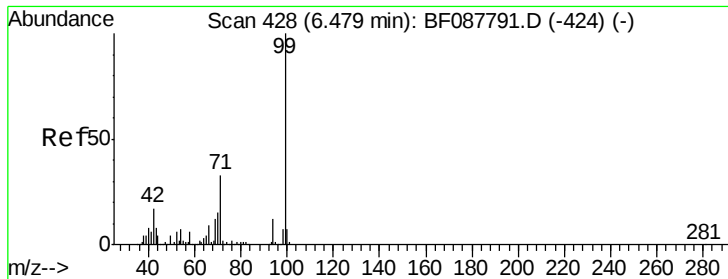
Lab File: BF088319.D

Acq: 24 Jun 2016 7:06



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	135523		
66	102.2	29.8	44.8#	
65	43.5	14.9	22.3#	





#7

Phenol-d6

Concen: 134.96 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088319.D

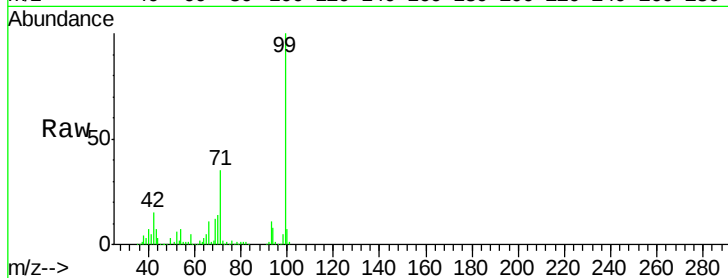
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Instrument :

BNA_F

ClientSampleId :

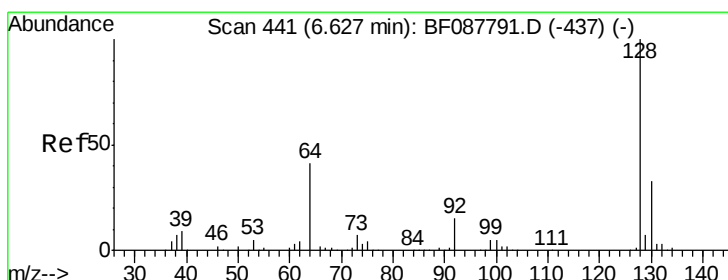
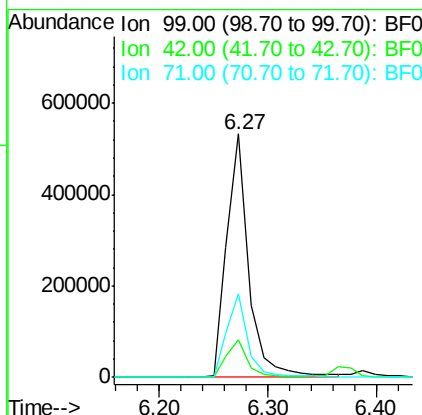
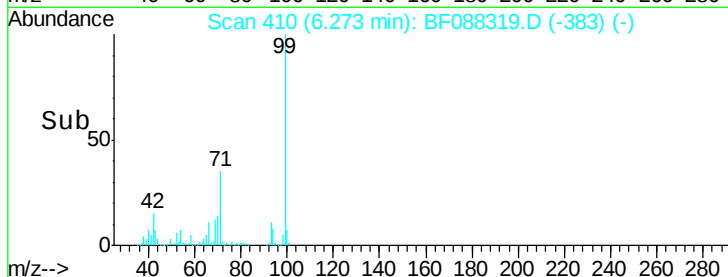
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Tgt Ion:	99	Resp:	746285
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	34.6	23.4	35.0

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#8

2-Chlorophenol

Concen: 48.23 ng

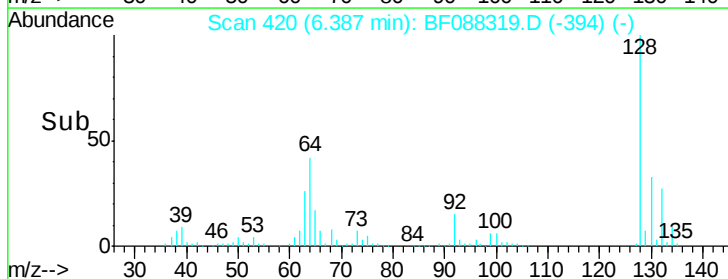
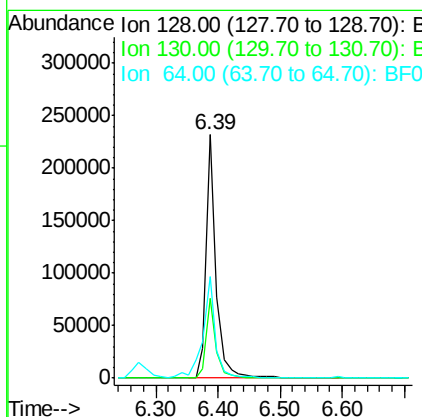
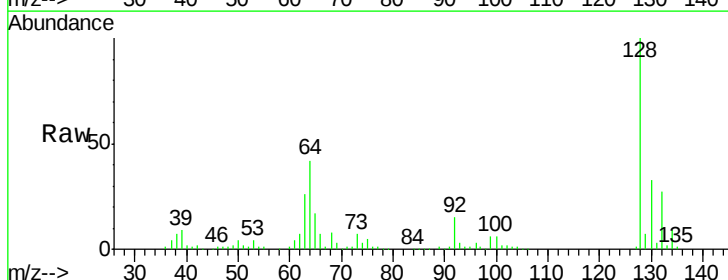
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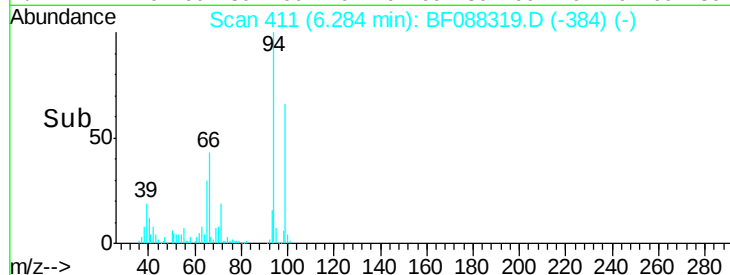
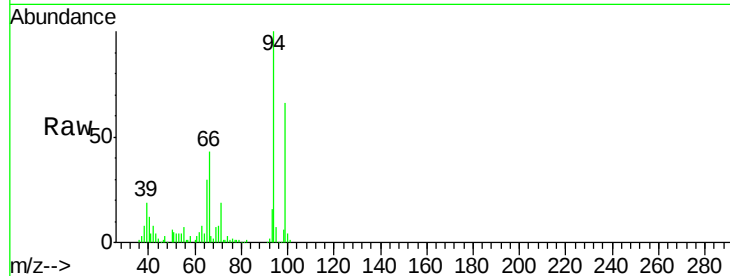
Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	128	Resp:	260474
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	41.7	30.8	70.8





#10

Phenol

Concen: 56.63 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	94	Resp:	319614
Ion	Ratio	Lower	Upper
94	100		
65	29.6	5.9	45.9
66	43.0	14.0	54.0

Instrument :

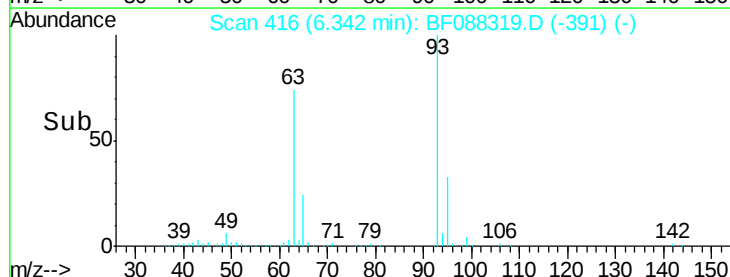
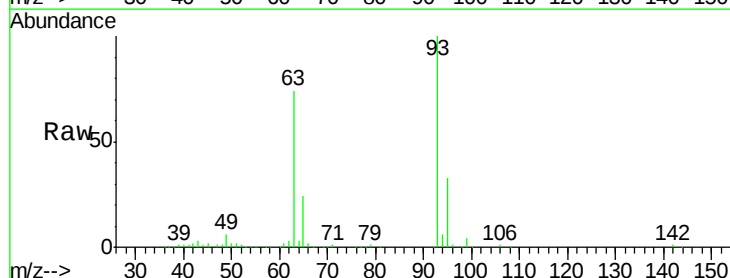
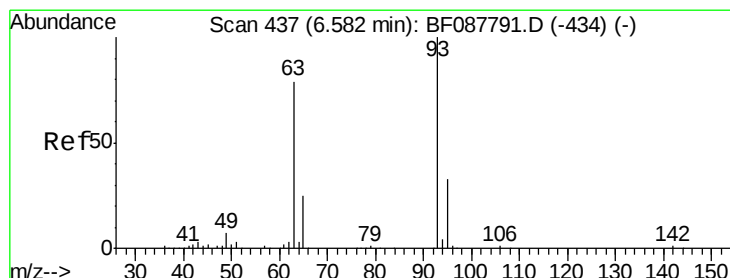
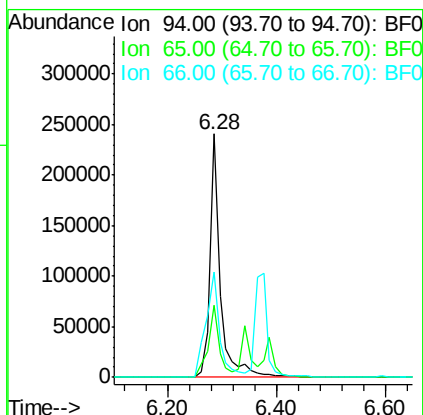
BNA_F

ClientSampleId :

SB-03-COMPMSD

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#11

bis(2-Chloroethyl)ether

Concen: 48.24 ng

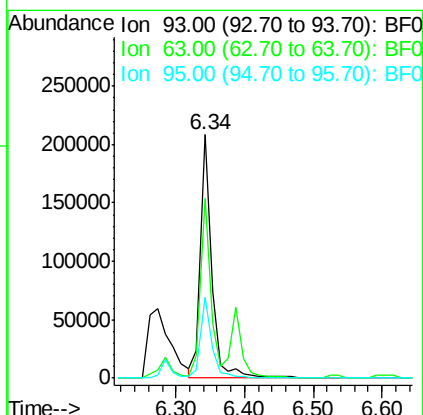
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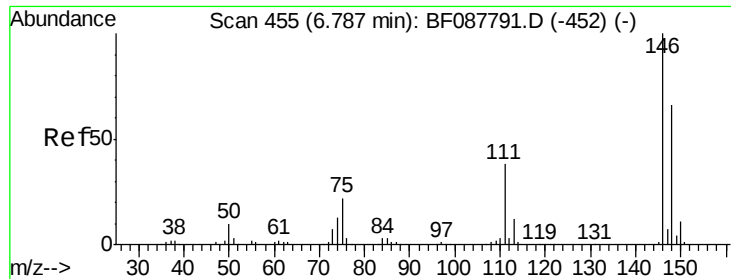
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	93	Resp:	233915
Ion	Ratio	Lower	Upper
93	100		
63	73.7	67.6	107.6
95	33.2	12.5	52.5





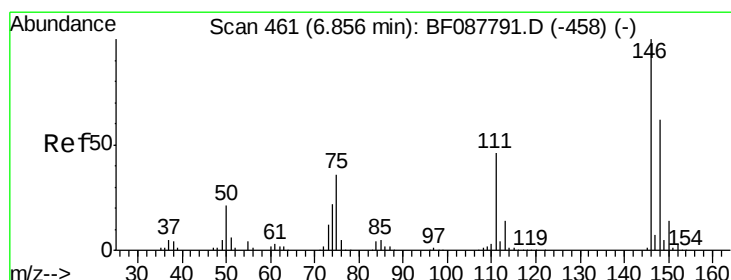
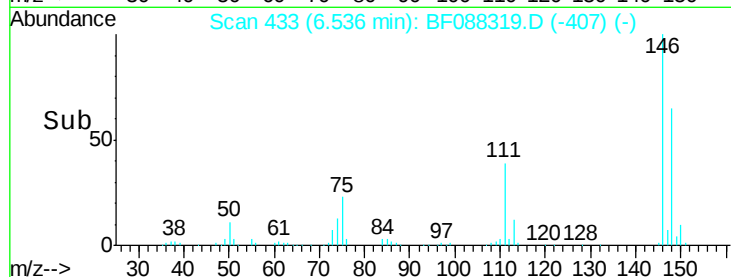
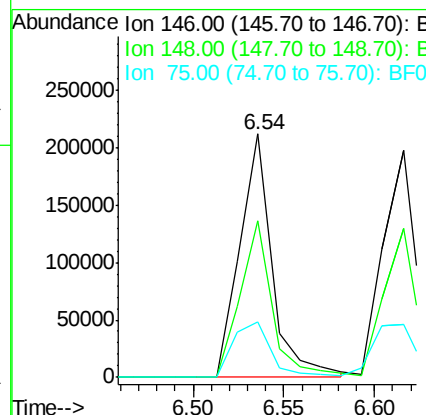
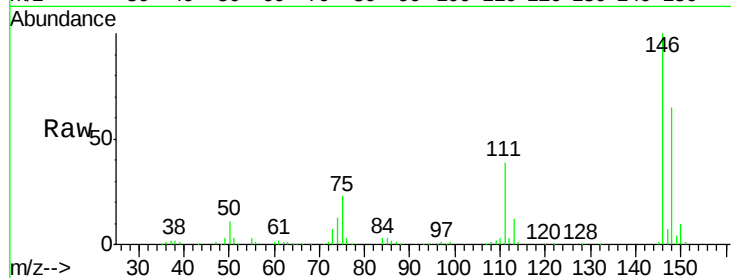
#12
 1,3-Dichlorobenzene
 Concen: 44.99 ng m
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	22.7	25.6	38.4

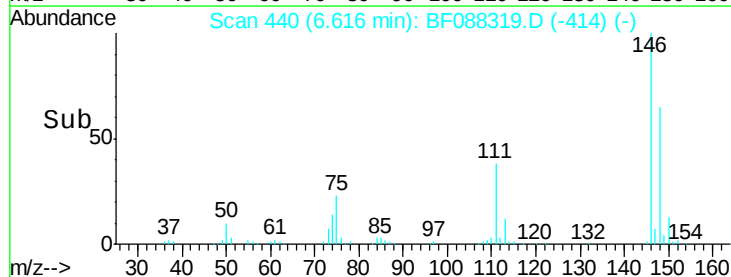
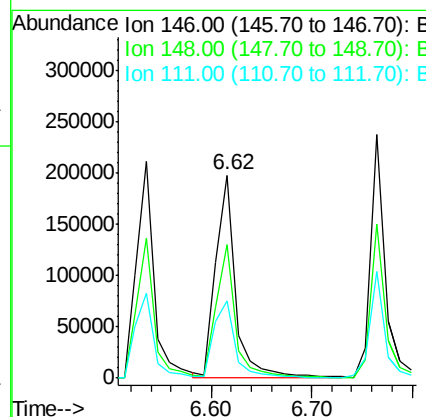
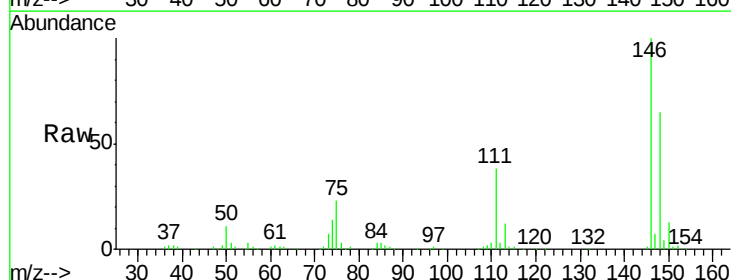
Manual Integrations
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#13
 1,4-Dichlorobenzene
 Concen: 46.73 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
111	37.9	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 46.01 ng m

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

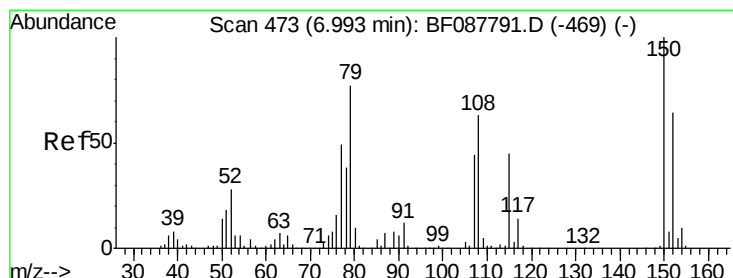
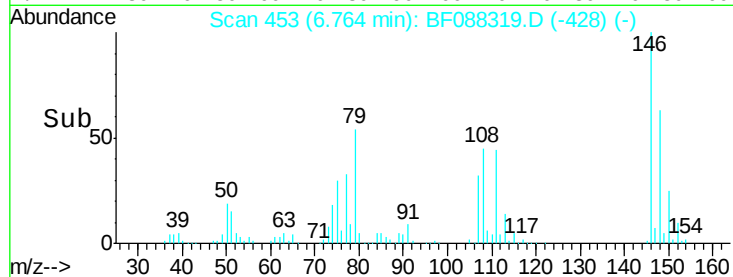
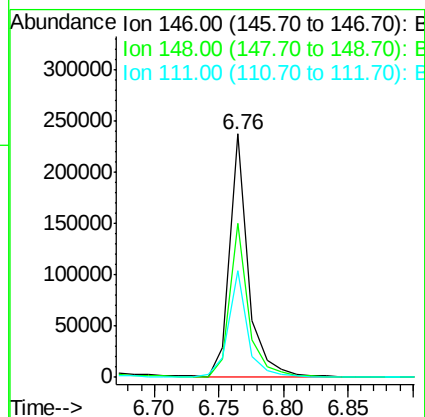
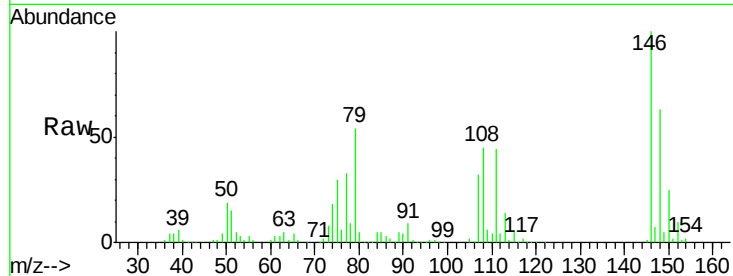
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	146	Resp:	244212
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.3	78.5
111	44.0	28.7	43.1#

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#15

Benzyl Alcohol

Concen: 44.55 ng

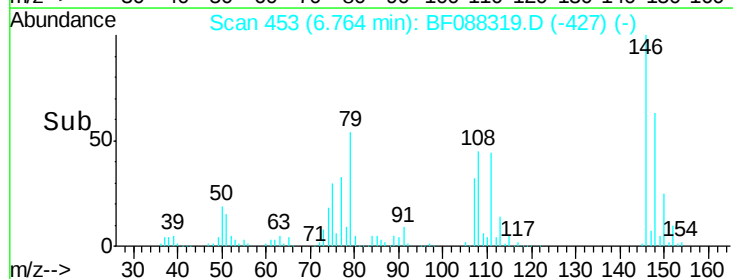
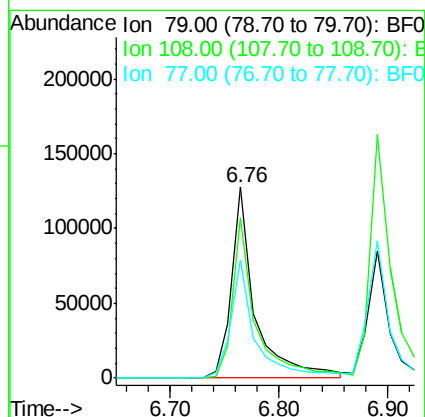
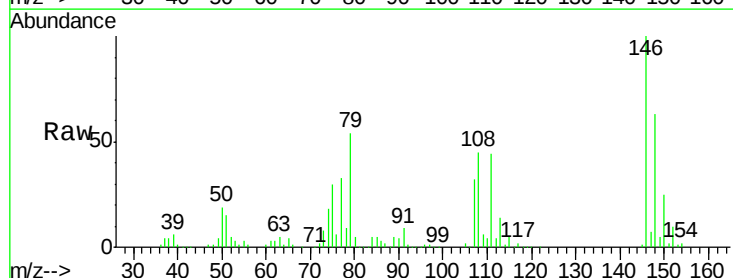
RT: 6.76 min Scan# 453

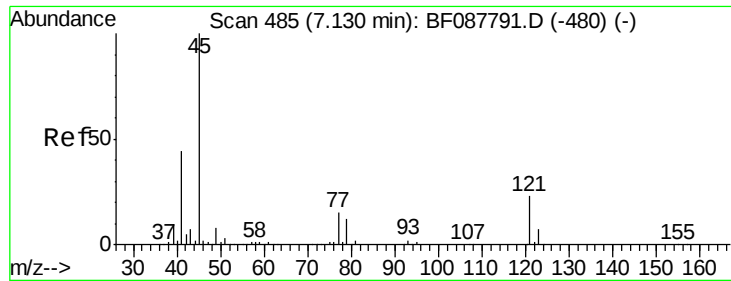
Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	79	Resp:	192706
Ion Ratio	Lower	Upper	
79	100		
108	83.7	65.0	97.6
77	62.1	50.3	75.5





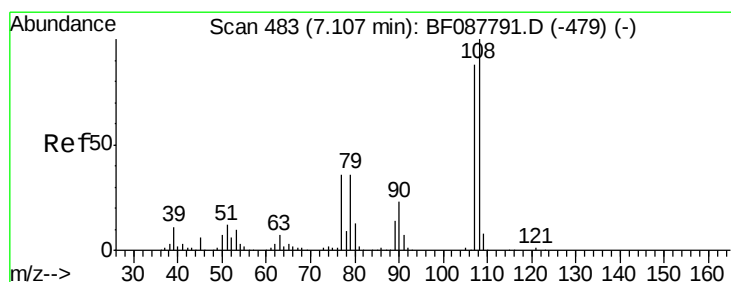
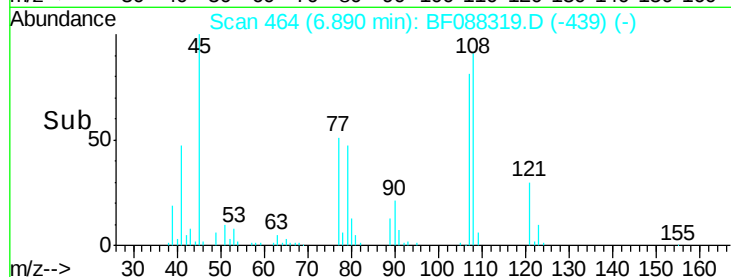
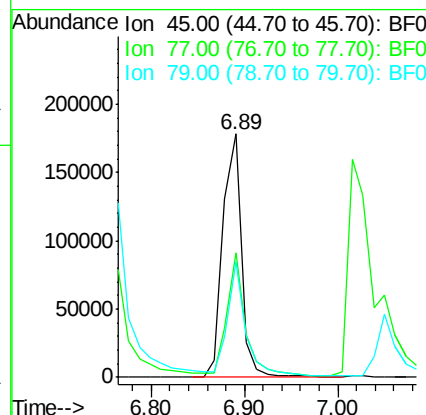
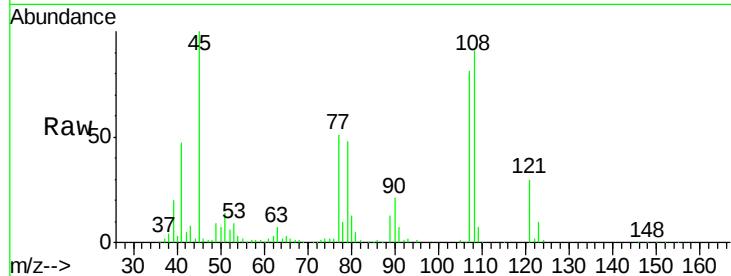
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.97 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	51.4	0.0	32.5#
79	47.5	0.0	29.5#

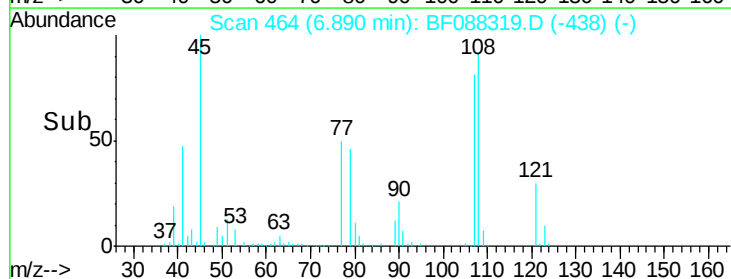
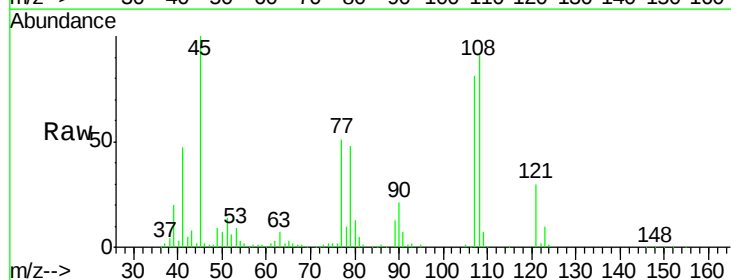
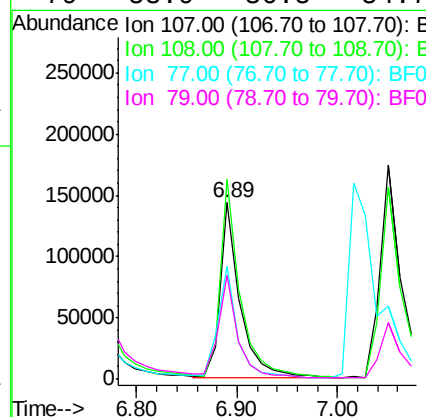
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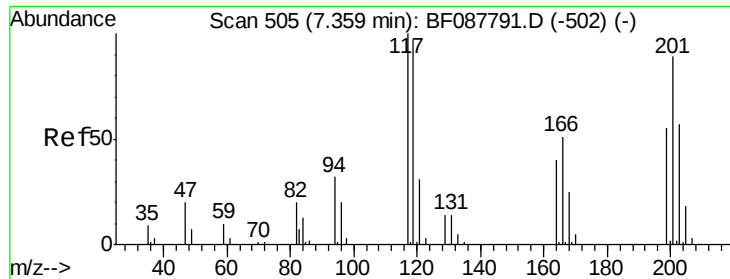
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#17
2-Methylphenol
Concen: 44.71 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	113.1	90.9	136.3
77	63.6	36.6	55.0#
79	58.9	36.5	54.7#





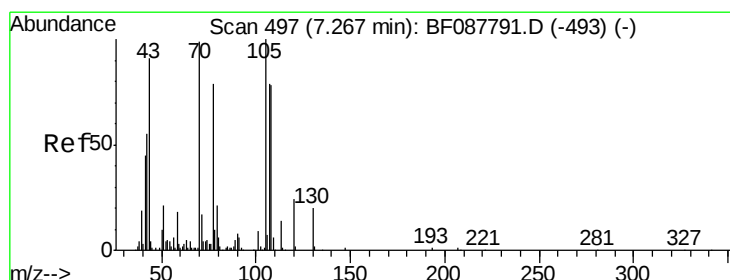
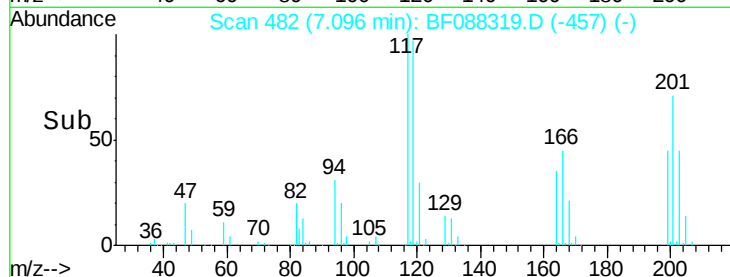
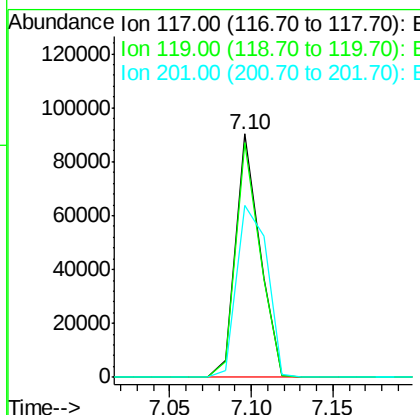
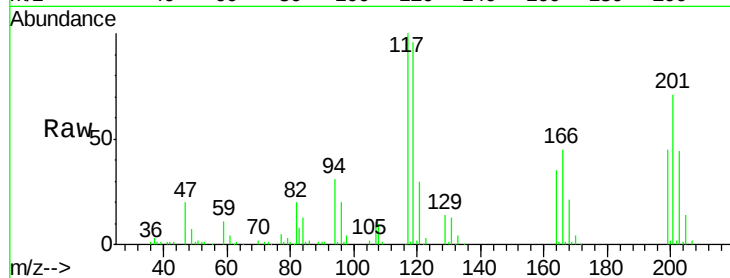
#18
Hexachloroethane
Concen: 44.45 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
201	70.7	80.4	120.6

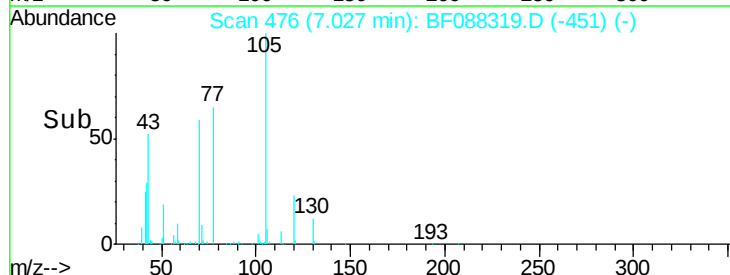
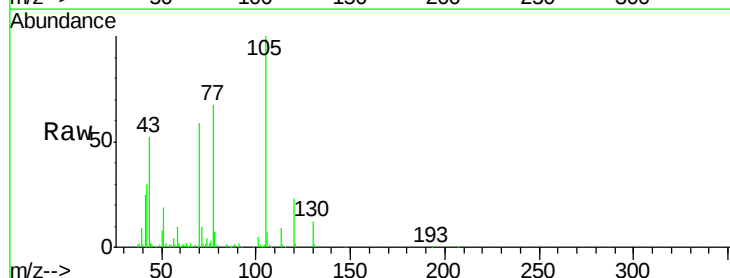
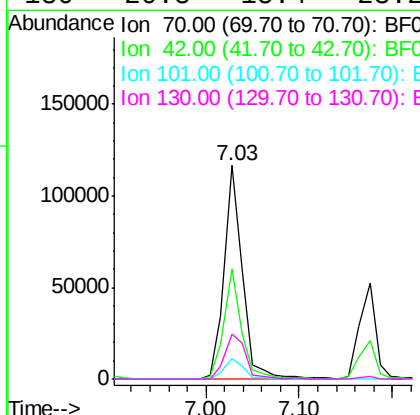
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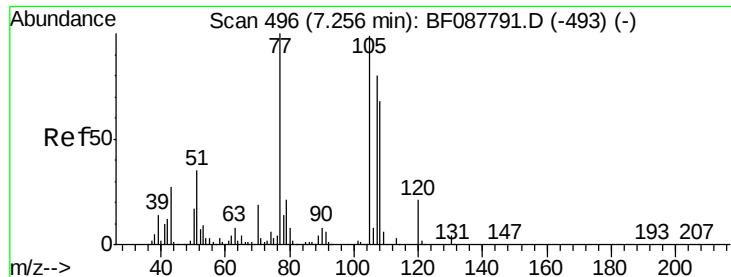
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#19
n-Nitroso-di-n-propylamine
Concen: 45.08 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

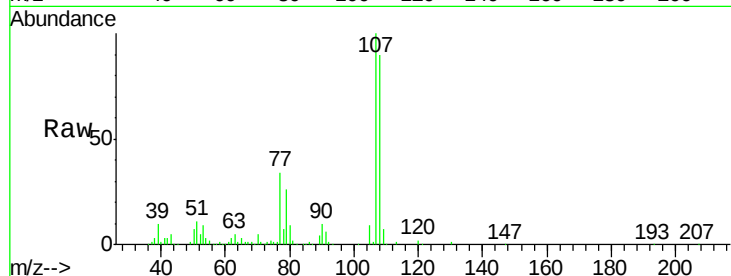
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.6	74.4
101	9.4	7.1	10.7
130	20.8	15.4	23.2





#20
3+4-Methylphenols
Concen: 52.00 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

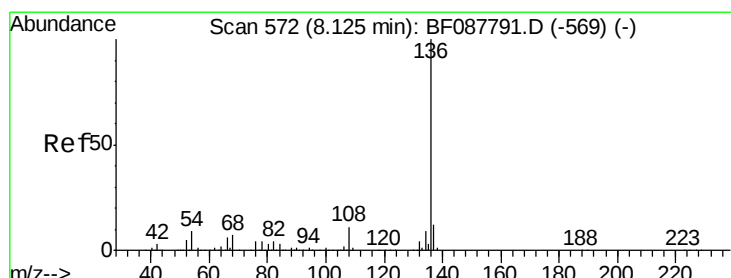
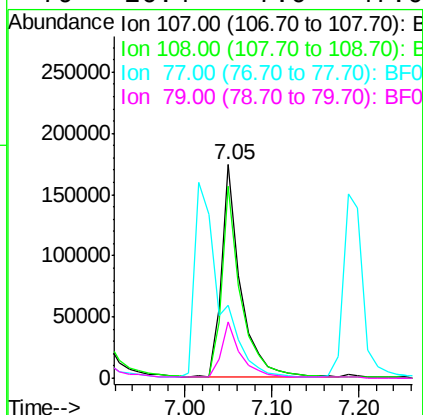
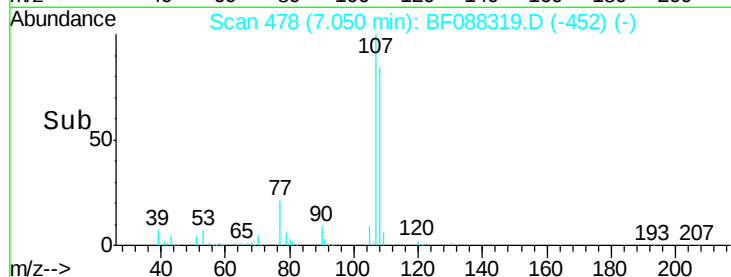
Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.9	67.8	107.8
77	34.3	59.3	99.3#
79	26.4	7.0	47.0

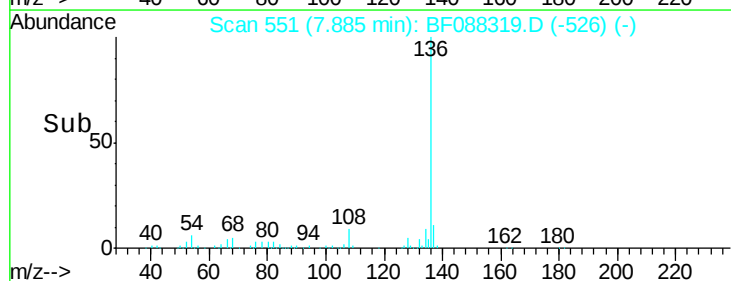
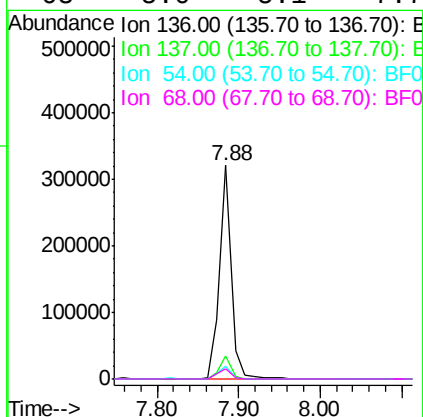
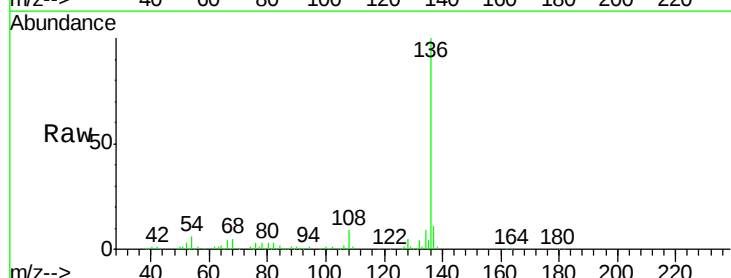
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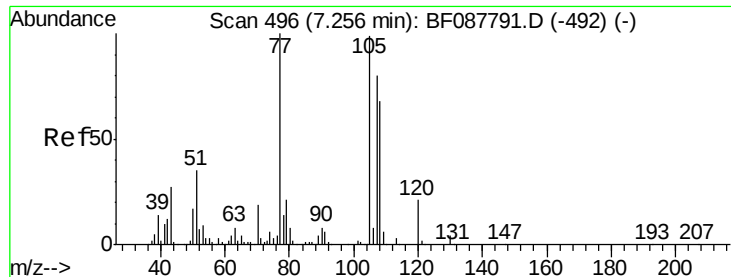
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	9.1	13.7
54	6.2	6.6	10.0#
68	5.0	5.1	7.7#





#22

Acetophenone

Concen: 48.40 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF088319.D

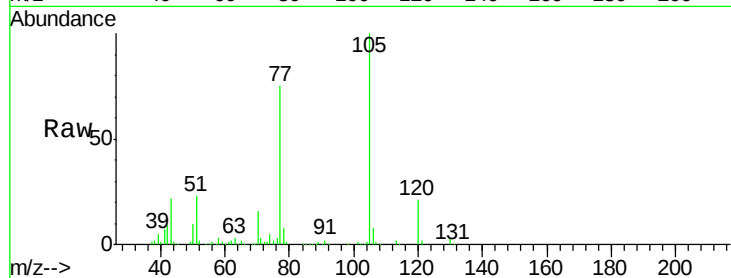
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

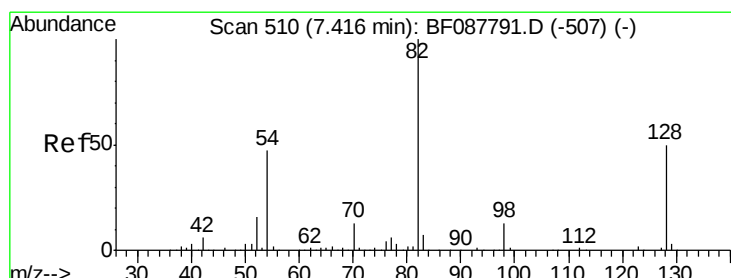
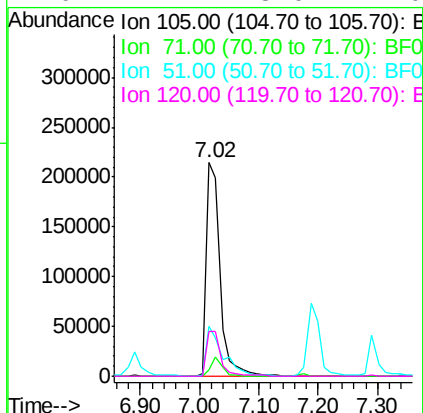
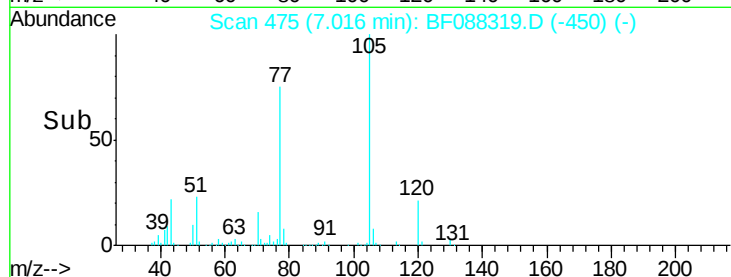
SB-03-COMPMSD



Tgt Ion:	105	Resp:	348704
Ion Ratio	Lower	Upper	
105	100		
71	2.8	5.3	7.9#
51	23.3	18.2	27.4
120	21.2	18.0	27.0

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#23

Nitrobenzene-d5

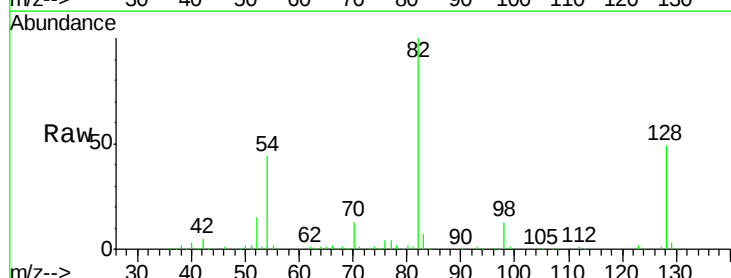
Concen: 89.18 ng

RT: 7.18 min Scan# 489

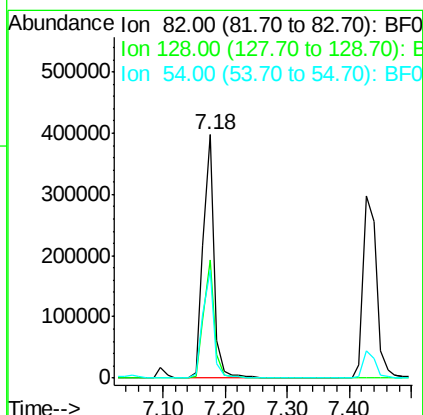
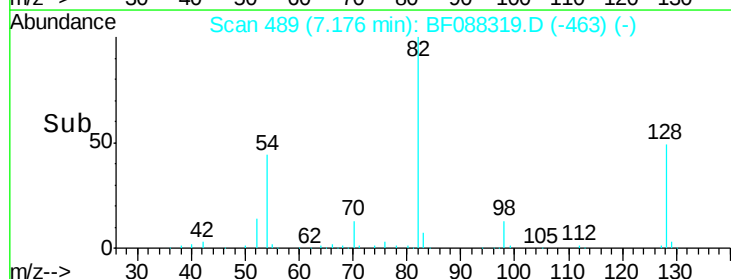
Delta R.T. 0.00 min

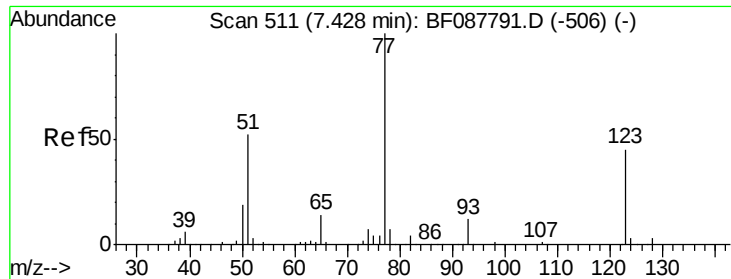
Lab File: BF088319.D

Acq: 24 Jun 2016 7:06



Tgt Ion:	82	Resp:	492323
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.9	53.9
54	44.4	40.9	61.3





#24

Nitrobenzene

Concen: 44.07 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088319.D

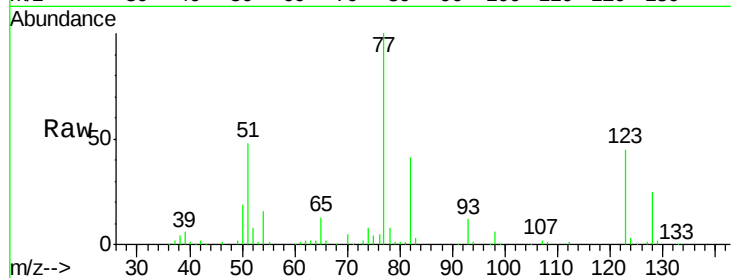
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

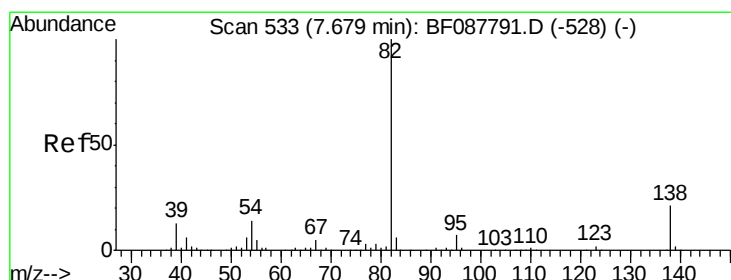
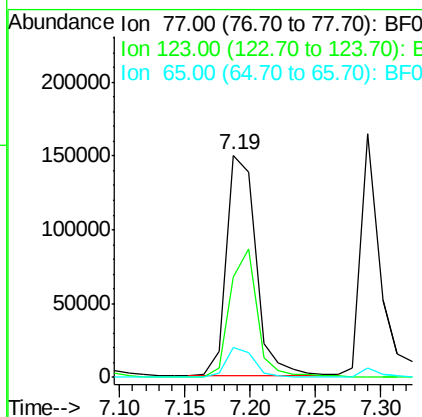
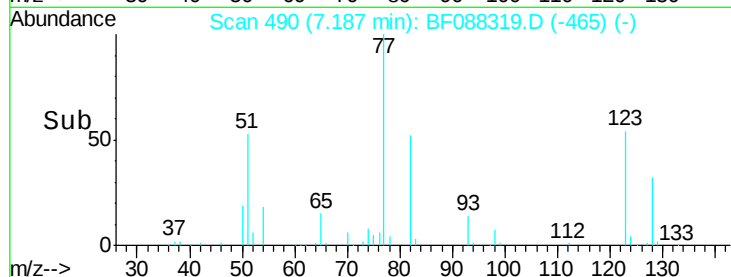
SB-03-COMPMSD



Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	45.0	67.4
65	13.2	10.2	15.2

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#25

Isophorone

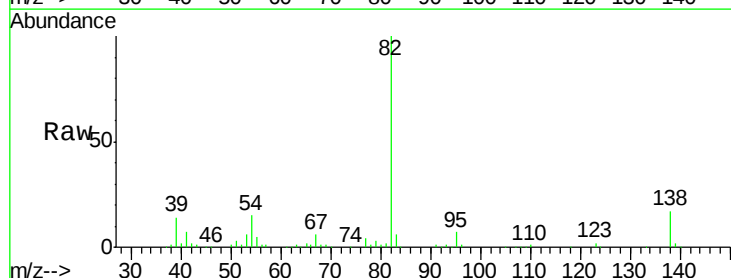
Concen: 43.89 ng

RT: 7.43 min Scan# 511

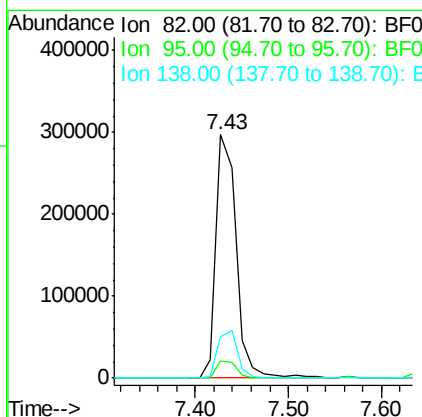
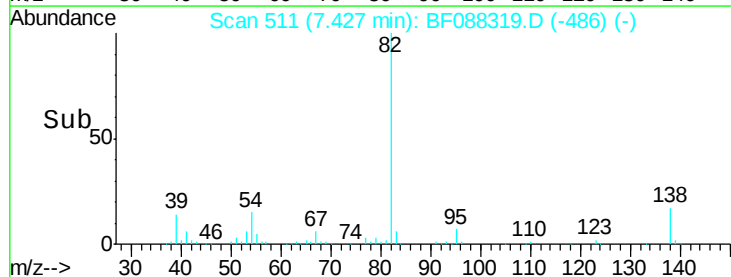
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06



Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.1	14.6	21.8





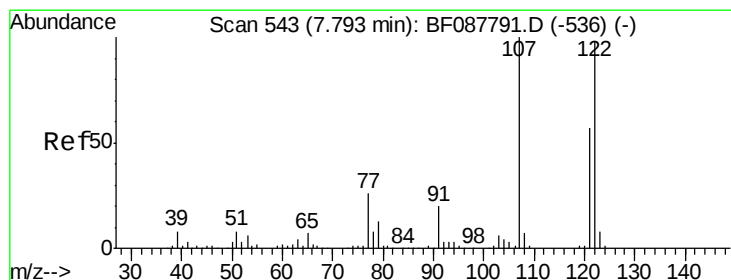
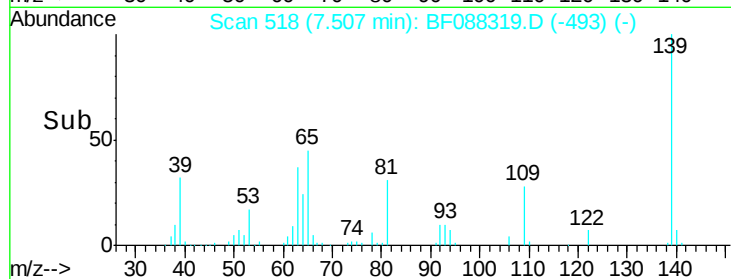
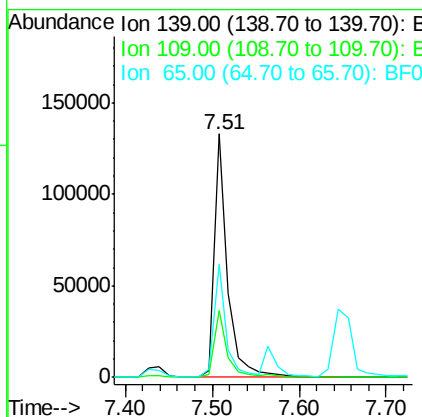
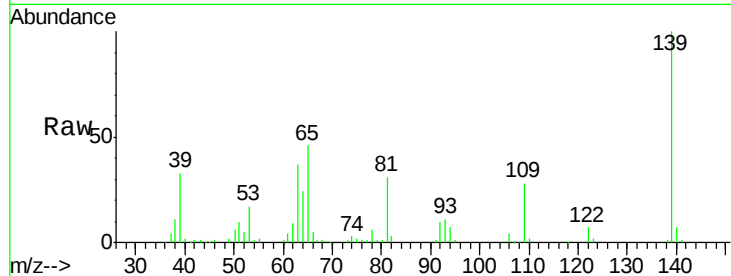
#26
2-Nitrophenol
Concen: 49.85 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampled :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	142792		
109	27.7	23.0	34.4	
65	46.3	45.8	68.8	

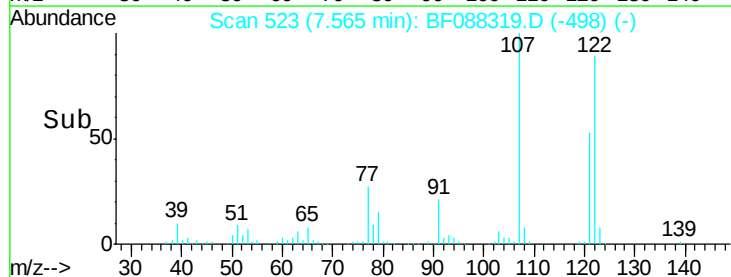
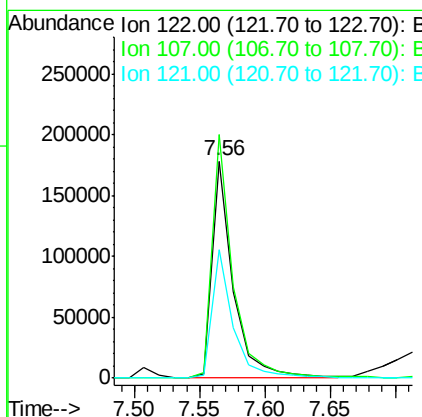
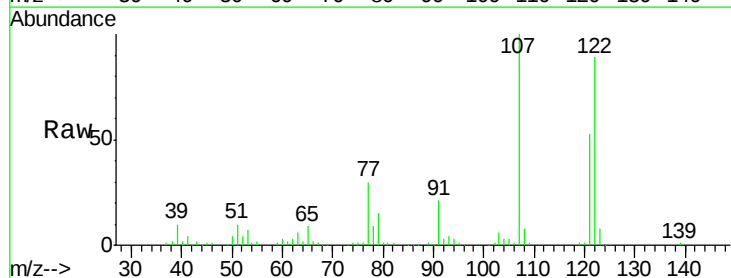
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#27
2,4-Dimethylphenol
Concen: 37.88 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	199817		
107	112.1	82.4	123.6	
121	59.0	46.3	69.5	





#28

bis(2-Chloroethoxy)methane

Concen: 46.63 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

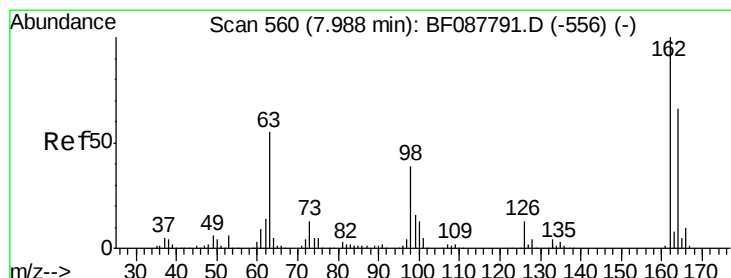
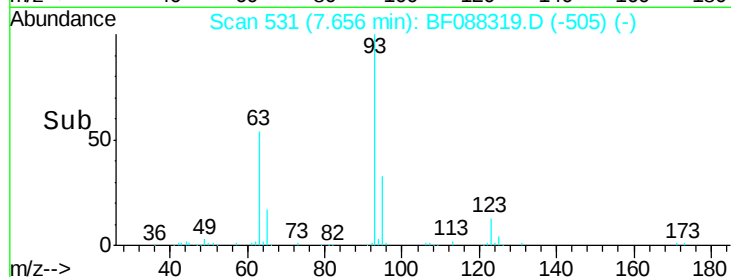
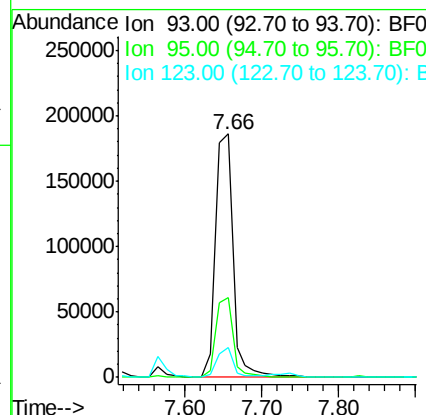
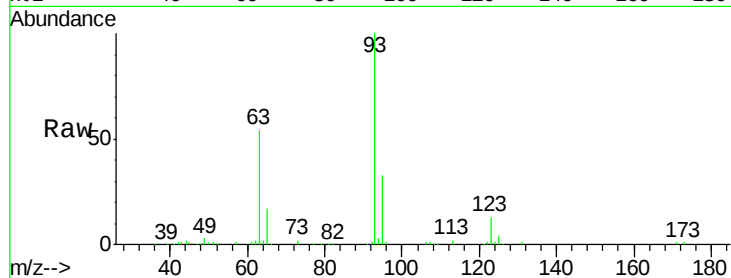
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	93	Resp:	295727
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	12.5	11.6	17.4

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#29

2,4-Dichlorophenol

Concen: 51.14 ng

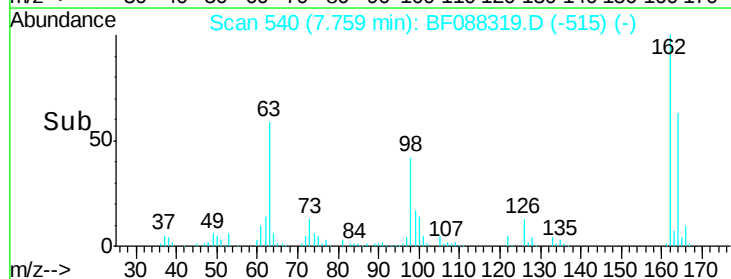
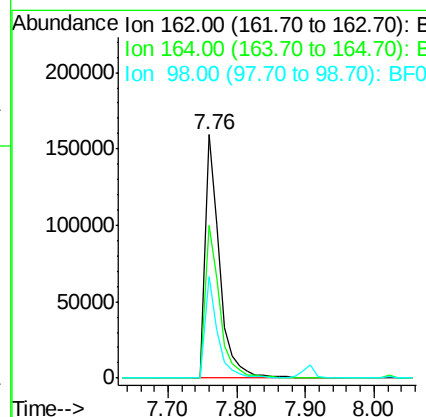
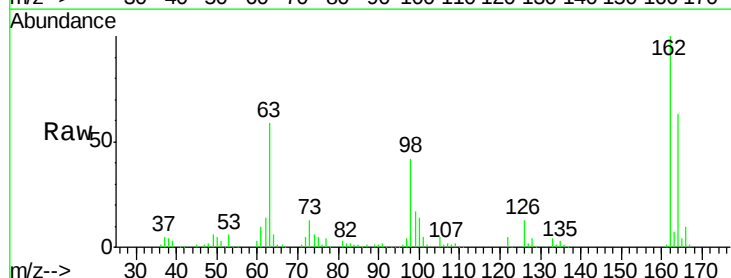
RT: 7.76 min Scan# 540

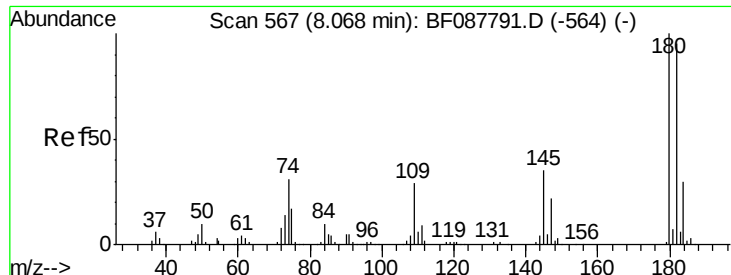
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	162	Resp:	225200
Ion Ratio	Lower	Upper	
162	100		
164	62.6	43.8	83.8
98	41.9	21.3	61.3





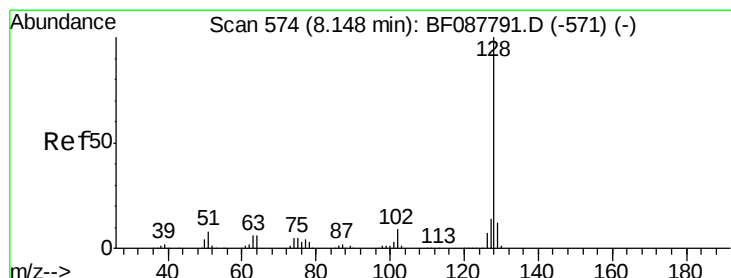
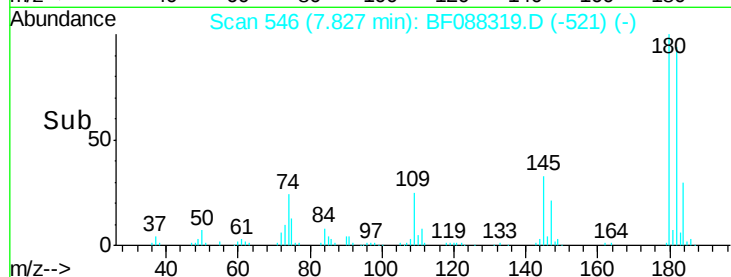
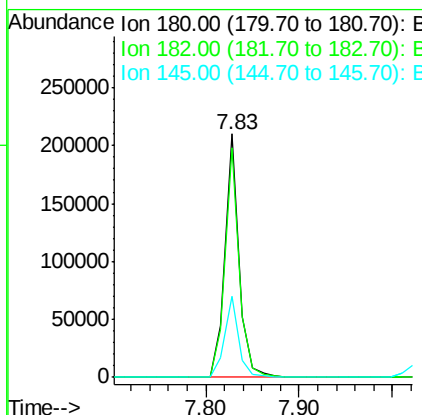
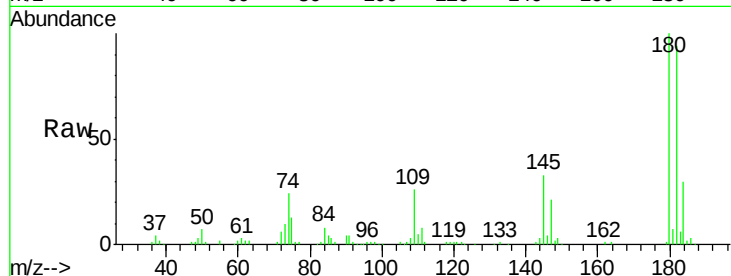
#30
1,2,4-Trichlorobenzene
Concen: 46.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220595		
182	94.2	76.0	114.0	
145	33.2	26.5	39.7	

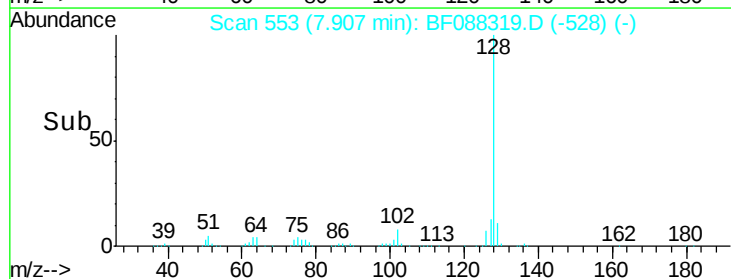
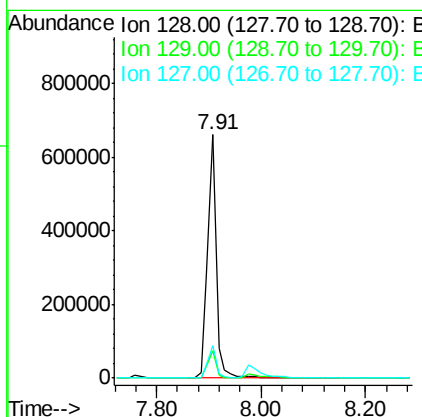
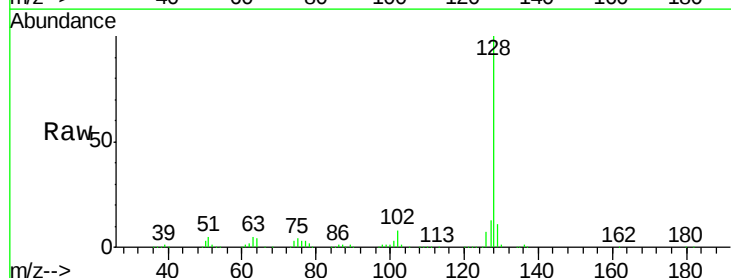
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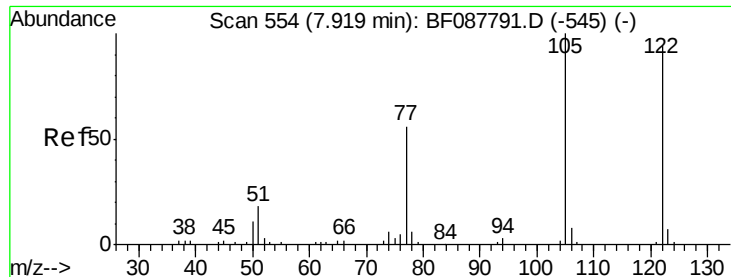
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#31
Naphthalene
Concen: 47.41 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	756338		
129	11.1	9.4	14.2	
127	13.2	10.9	16.3	





#32

Benzoic acid

Concen: 34.79 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

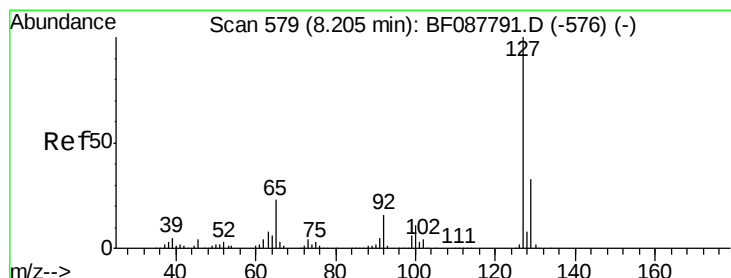
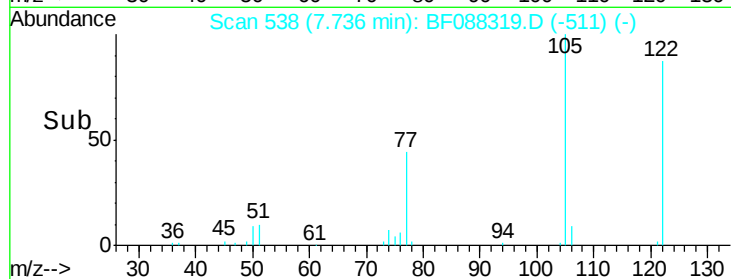
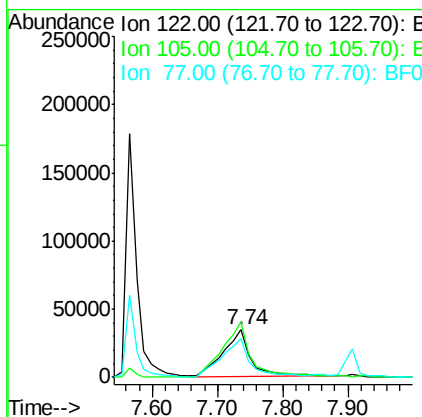
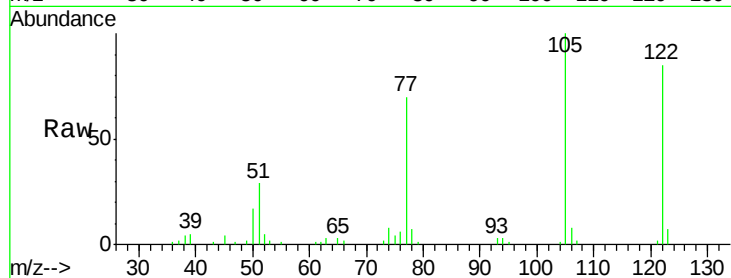
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	122	Resp:	101054
Ion Ratio	Lower	Upper	
122	100		
105	117.4	101.6	141.6
77	82.4	70.6	110.6

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#33

4-Chloroaniline

Concen: 10.59 ng

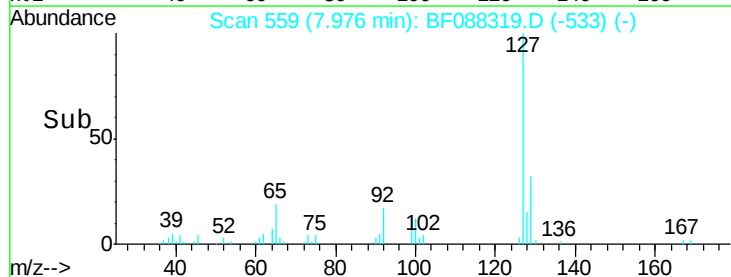
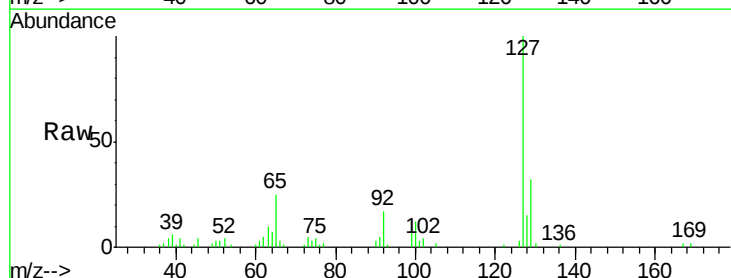
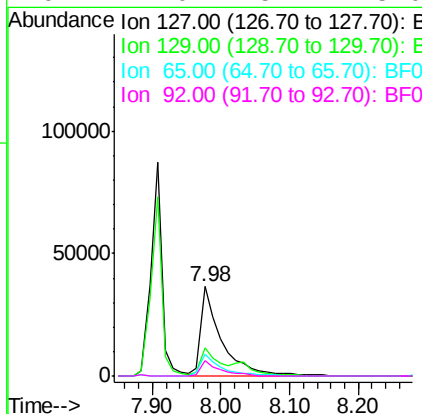
RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	127	Resp:	75449
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.3	39.5
65	24.9	24.7	37.1
92	17.0	15.4	23.0





#34

Hexachlorobutadiene

Concen: 45.73 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088319.D

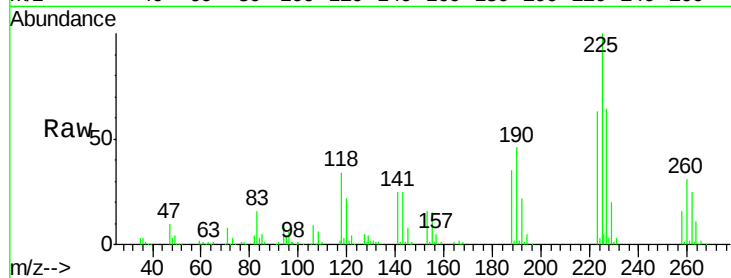
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

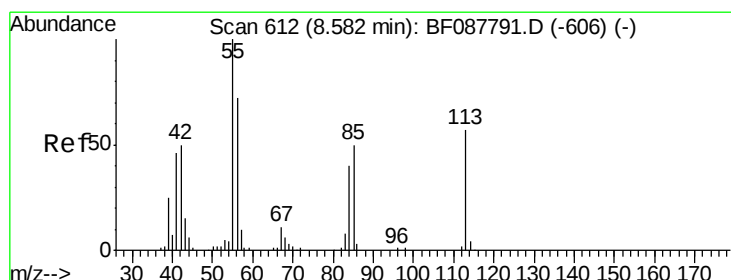
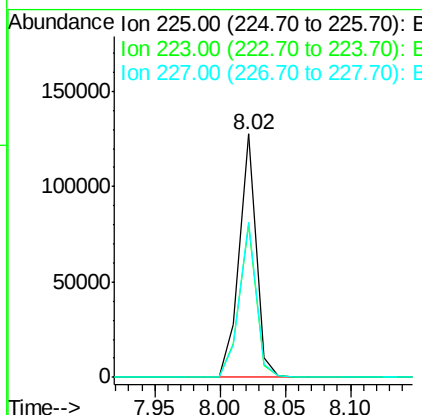
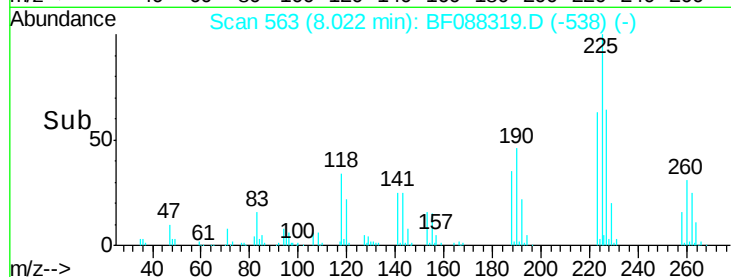
SB-03-COMPMSD



Tgt Ion:	225	Resp:	115636
Ion Ratio		Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.6	51.9	77.9

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#35

Caprolactam

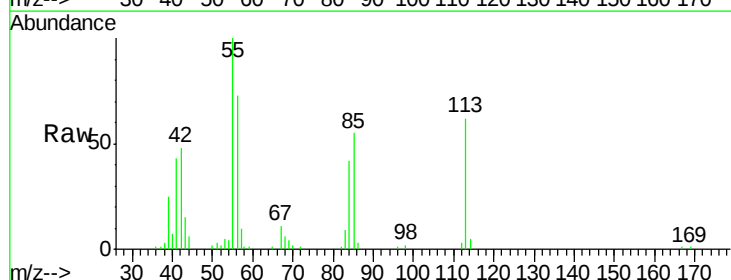
Concen: 45.59 ng m

RT: 8.35 min Scan# 592

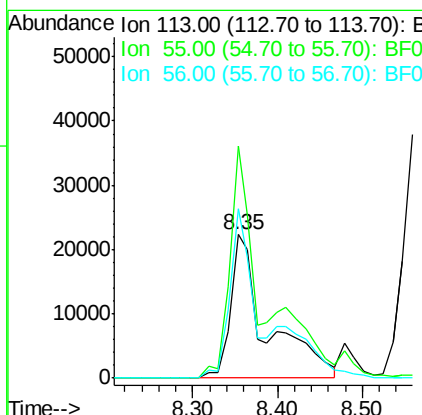
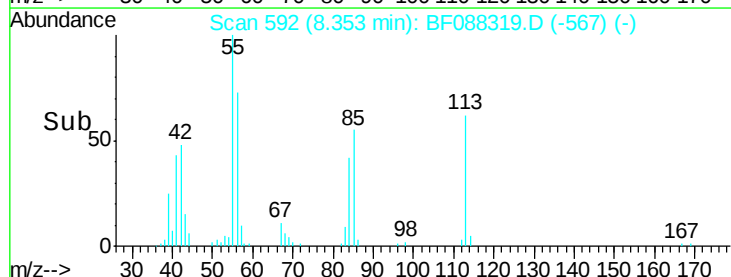
Delta R.T. -0.01 min

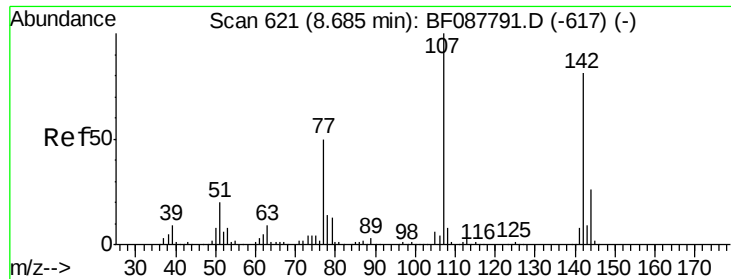
Lab File: BF088319.D

Acq: 24 Jun 2016 7:06



Tgt Ion:	113	Resp:	66500
Ion Ratio		Lower	Upper
113	100		
55	161.2	158.6	198.6
56	118.1	110.6	150.6





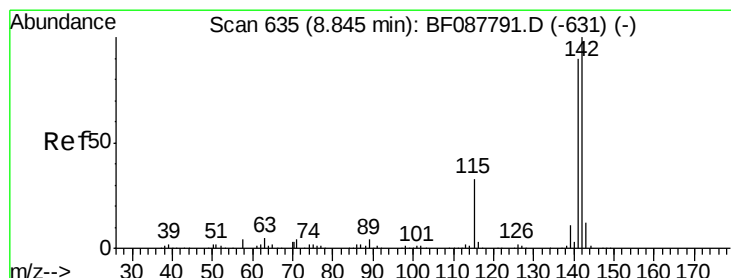
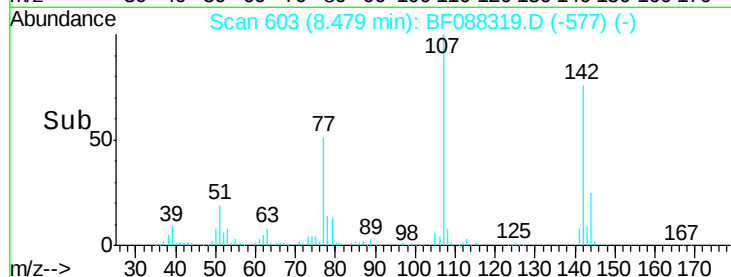
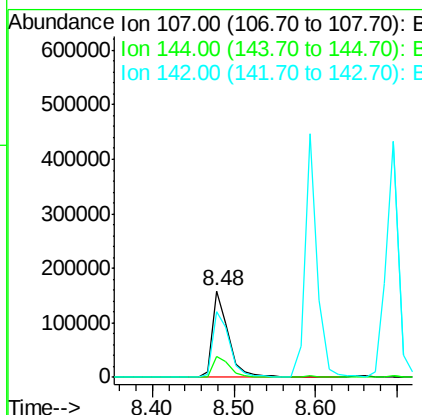
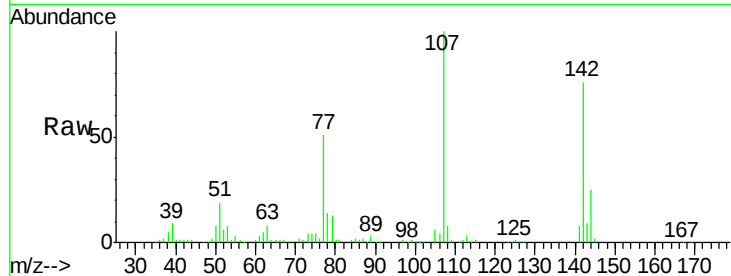
#36
 4-Chloro-3-methylphenol
 Concen: 46.26 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	217877		
144	24.7	20.8	31.2	
142	76.3	63.4	95.2	

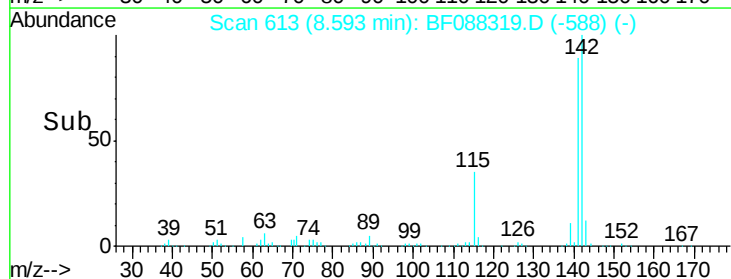
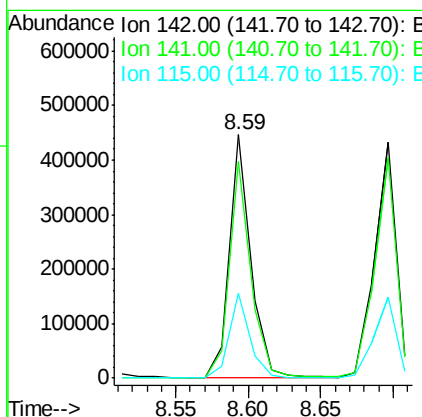
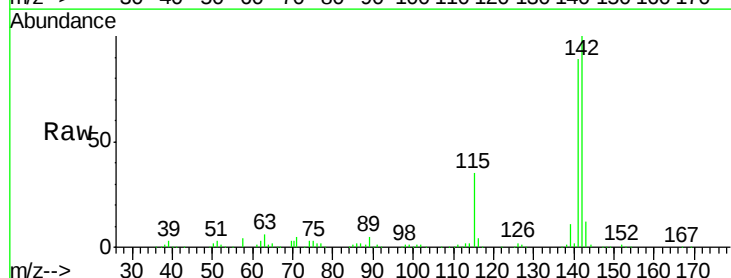
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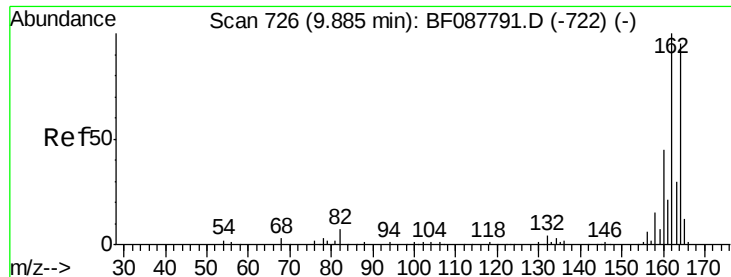
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#37
 2-Methylnaphthalene
 Concen: 43.97 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	462353		
141	89.0	71.0	106.6	
115	35.1	22.6	33.8#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088319.D

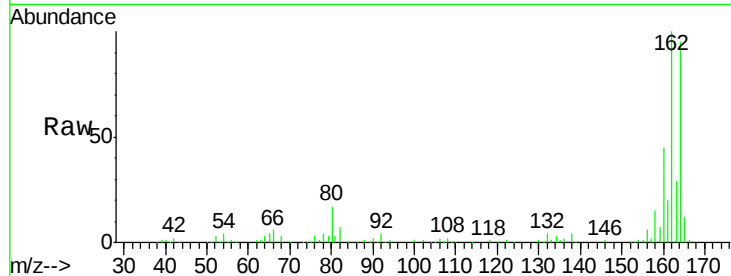
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

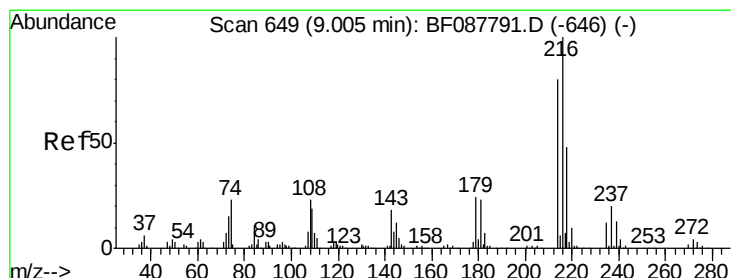
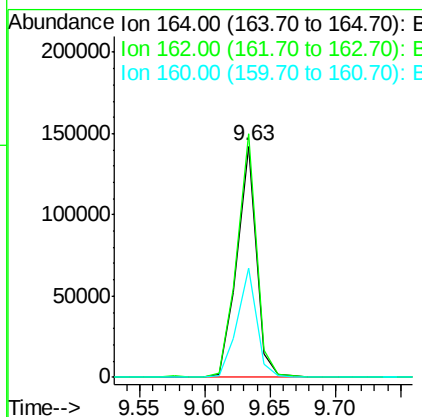
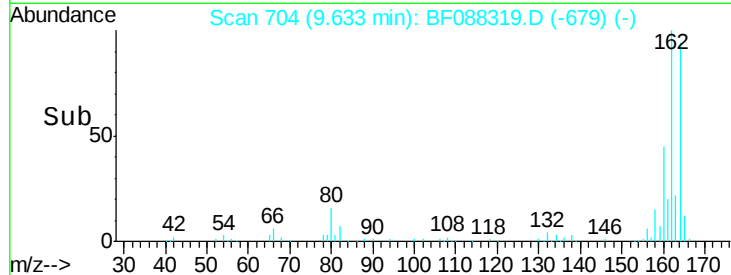
SB-03-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	85.4	128.2	
160	47.4	39.5	59.3	

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.59 ng

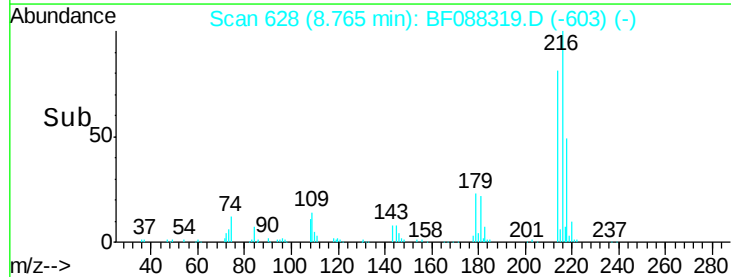
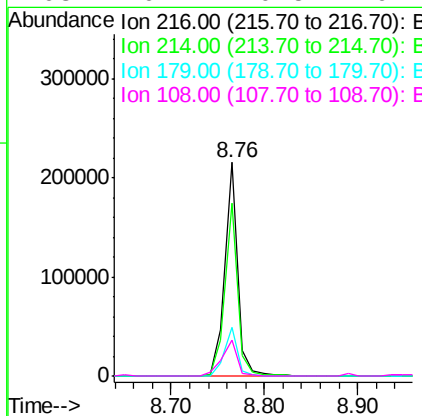
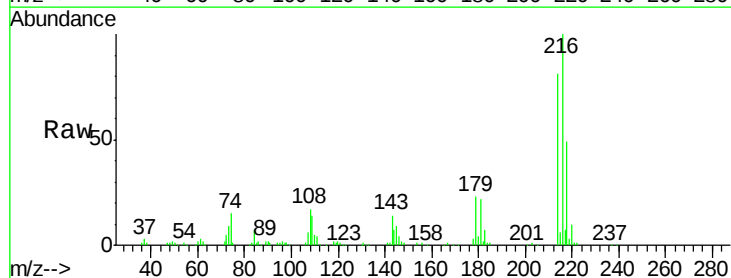
RT: 8.76 min Scan# 628

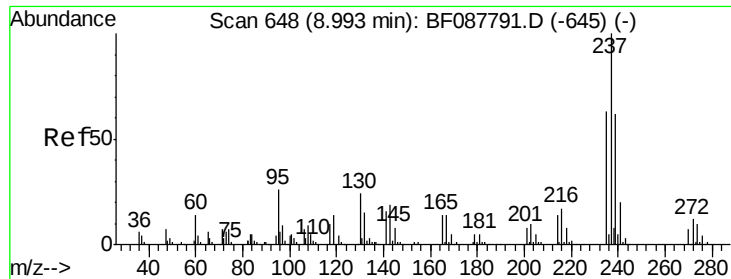
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.5	2.9	4.3#	
179	23.0	0.0	0.0#	
108	20.1	0.5	0.7#	





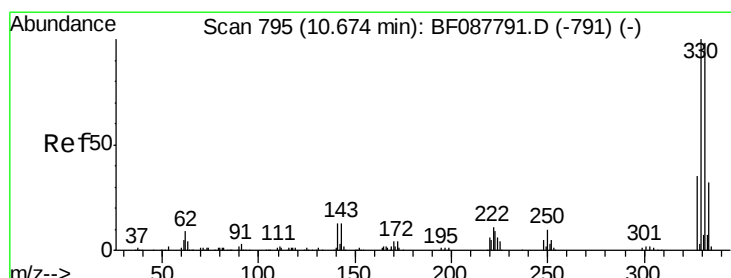
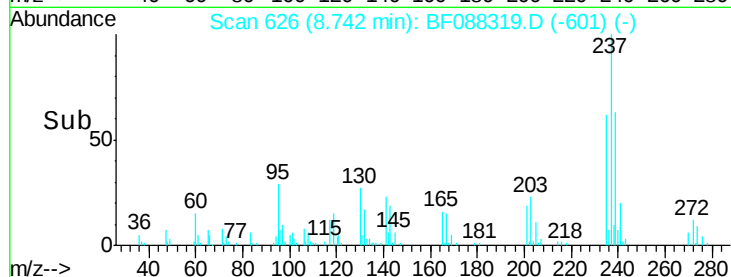
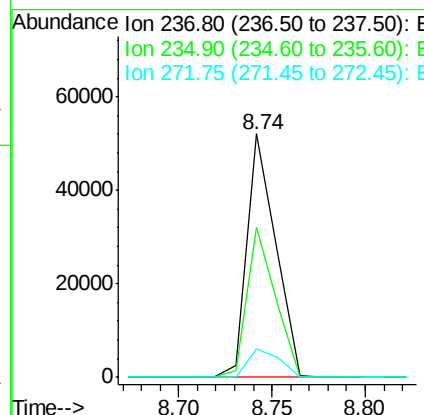
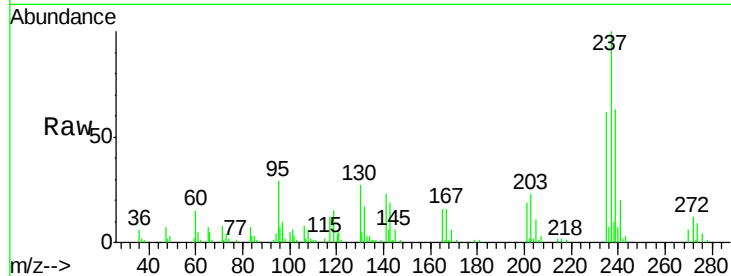
#40
Hexachlorocyclopentadiene
Concen: 23.41 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	43.4	83.4
272	11.5	0.0	32.3

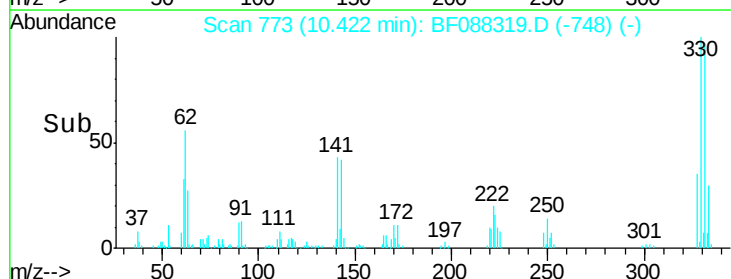
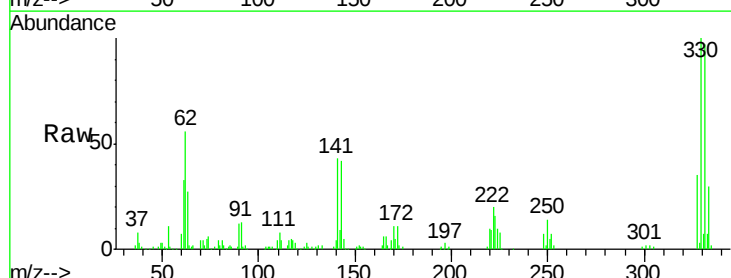
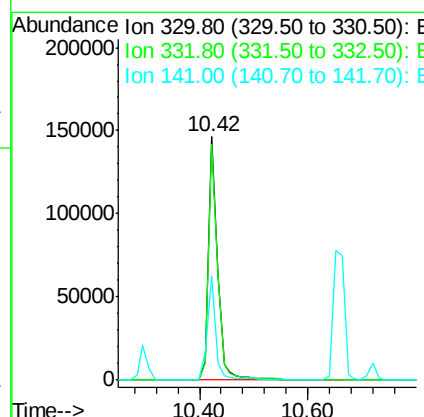
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#41
2,4,6-Tribromophenol
Concen: 110.12 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.4	0.0	0.0#
141	39.0	0.0	0.0#





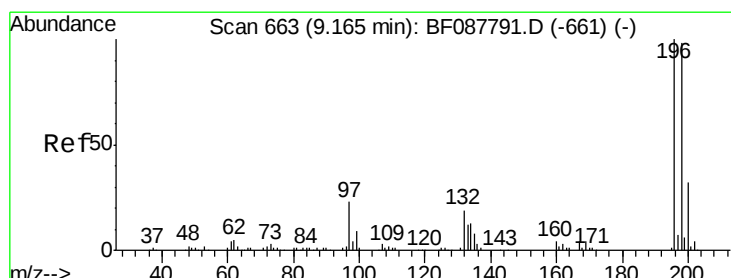
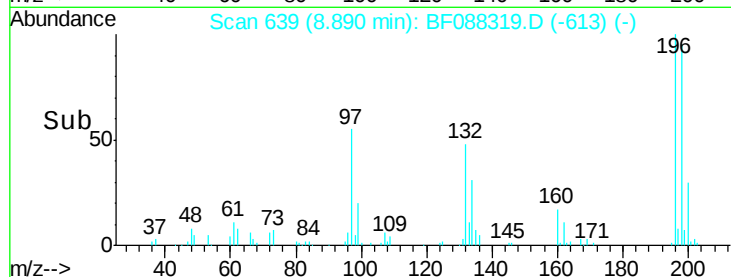
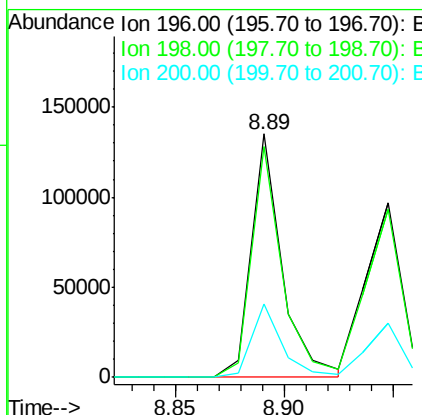
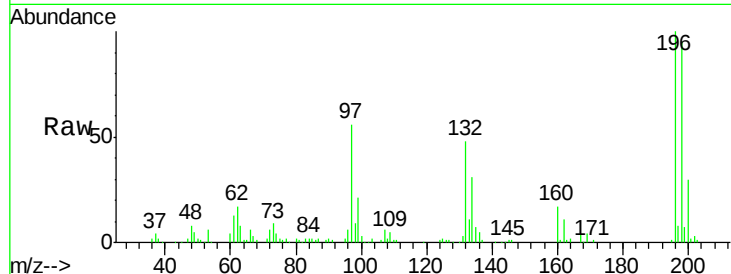
#42
2,4,6-Trichlorophenol
Concen: 45.22 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132553		
198	94.6	78.0	117.0	
200	30.0	25.4	38.2	

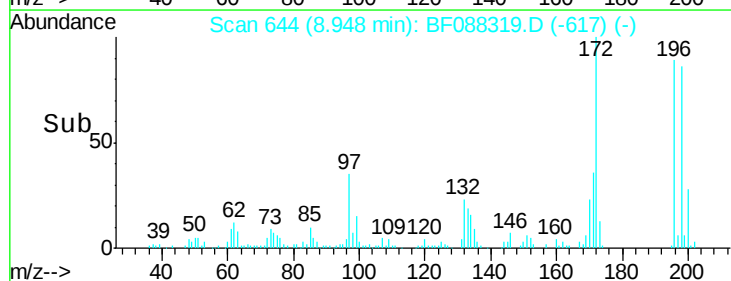
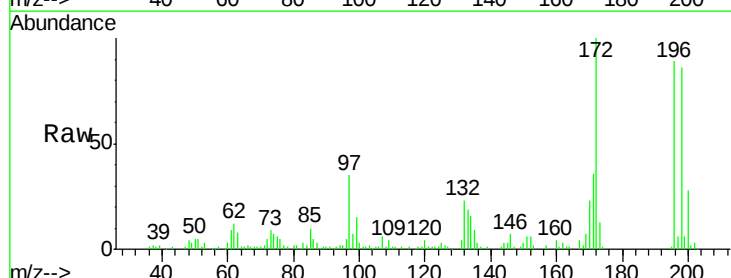
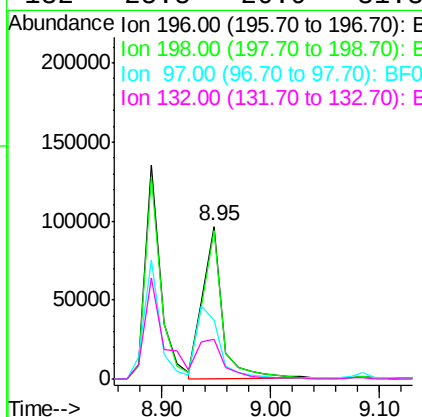
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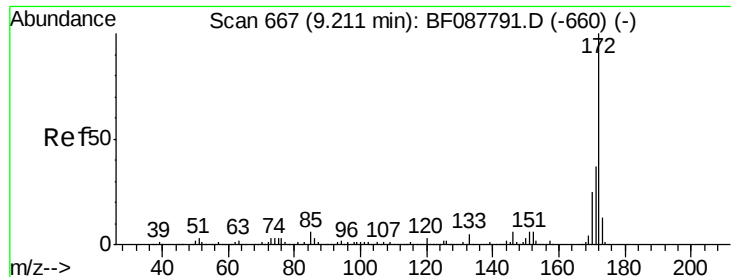
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#43
2,4,5-Trichlorophenol
Concen: 40.48 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123466		
198	96.9	77.5	116.3	
97	38.8	32.0	48.0	
132	25.8	20.9	31.3	





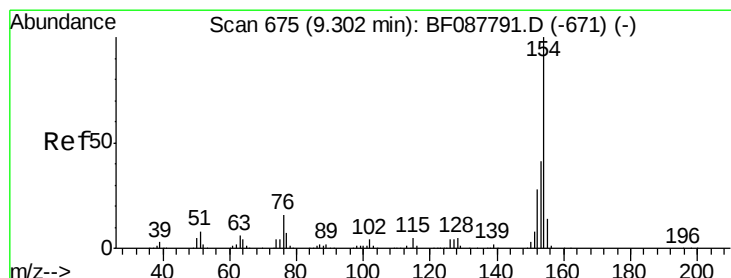
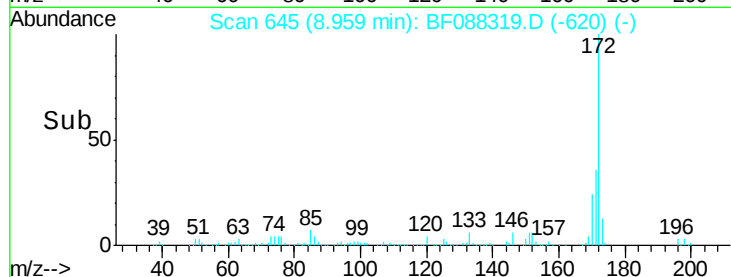
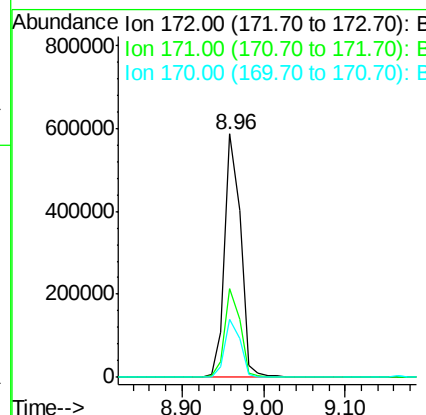
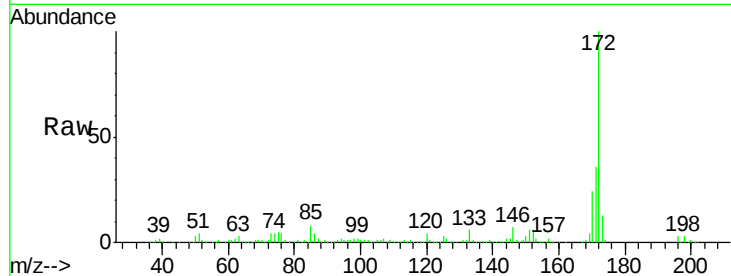
#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.5	28.6	43.0
170	23.9	19.2	28.8

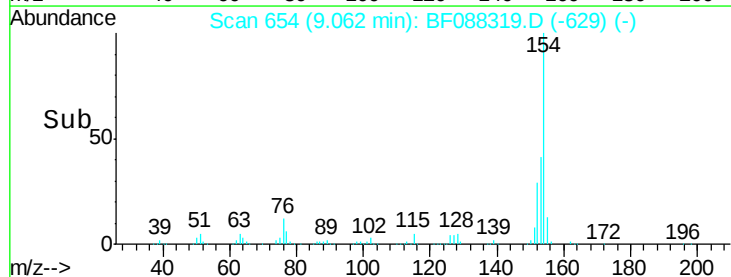
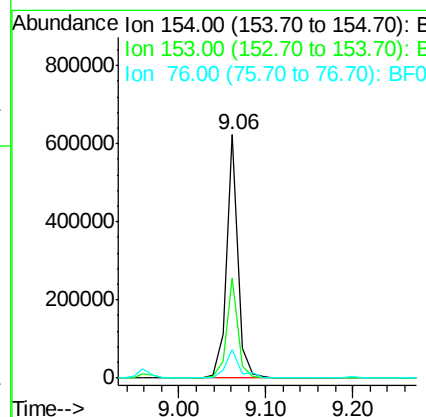
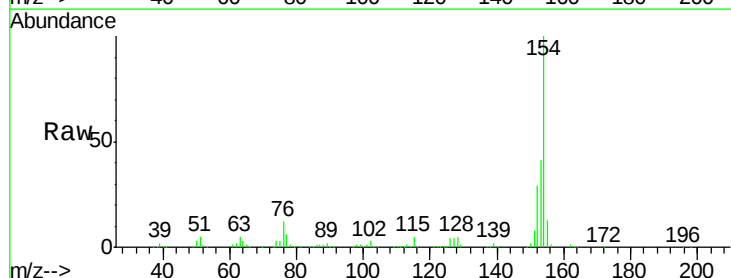
Manual Integrations
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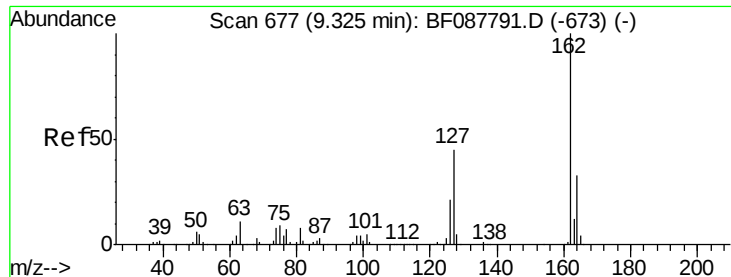
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#45
 1,1'-Biphenyl
 Concen: 53.68 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	20.6	60.6
76	12.0	0.0	35.1





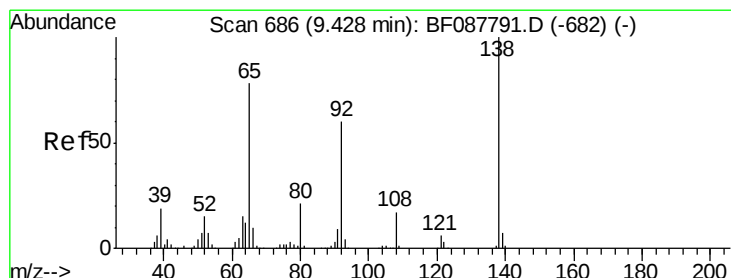
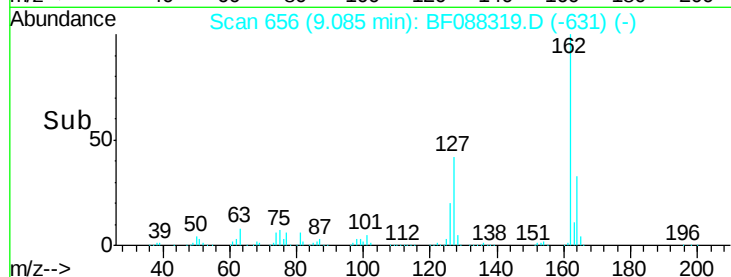
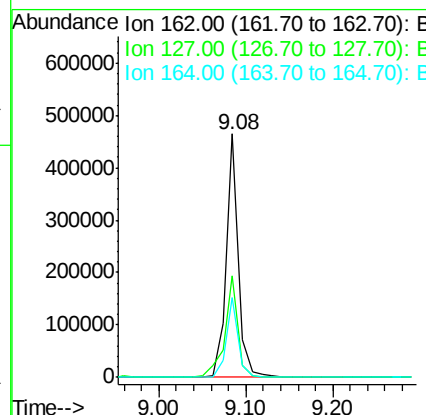
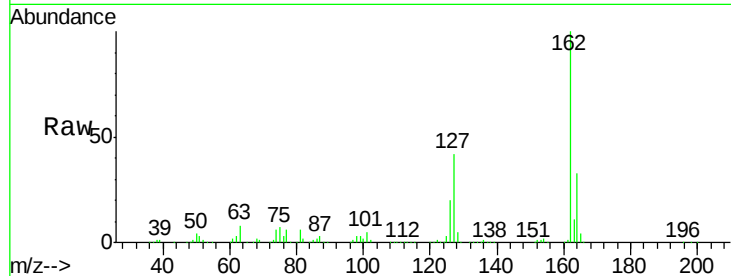
#46
 2-Chloronaphthalene
 Concen: 48.27 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	457950		
127	41.8	35.2	52.8	
164	33.0	26.6	39.8	

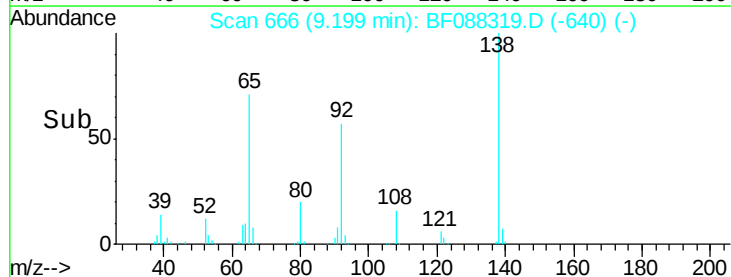
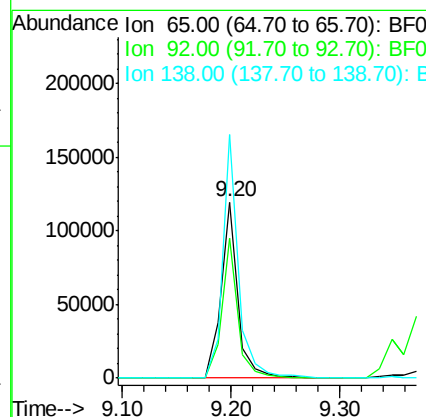
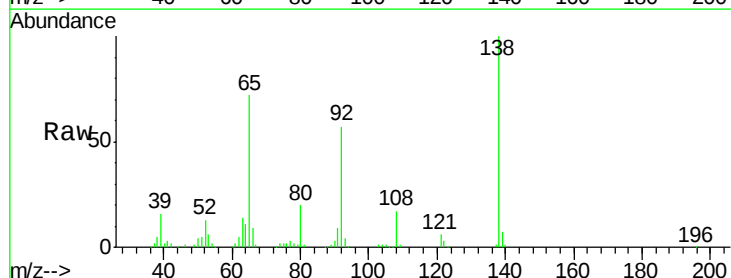
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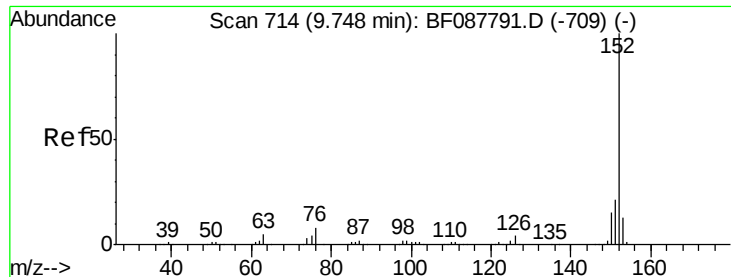
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#47
 2-Nitroaniline
 Concen: 46.64 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130531		
92	79.2	54.6	82.0	
138	138.1	77.0	115.4	





#48

Acenaphthylene

Concen: 46.45 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

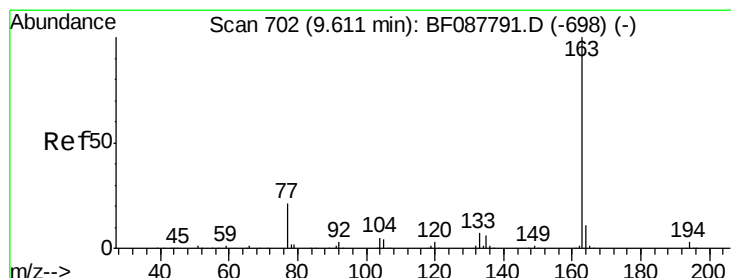
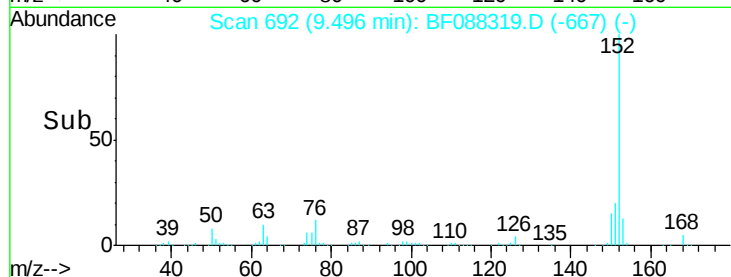
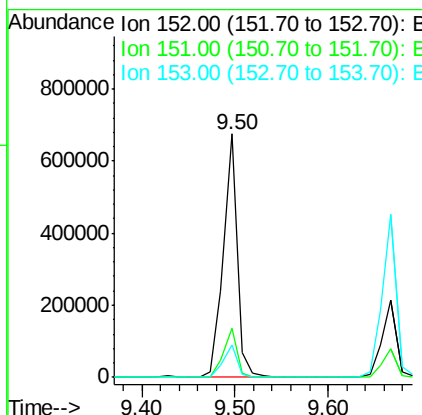
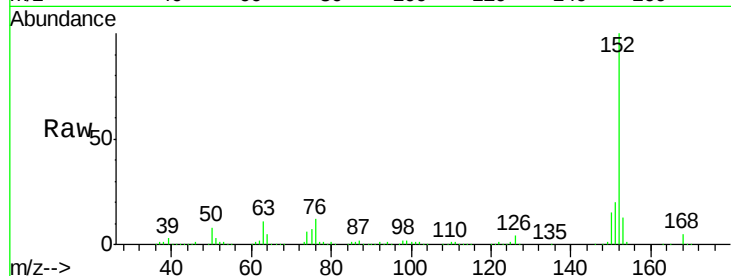
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	152	Resp:	700965
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.2	11.0	16.6

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#49

Dimethylphthalate

Concen: 63.67 ng

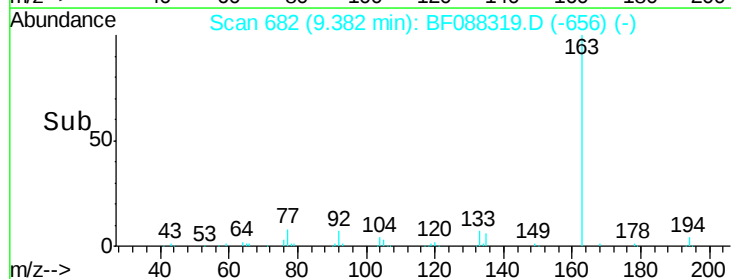
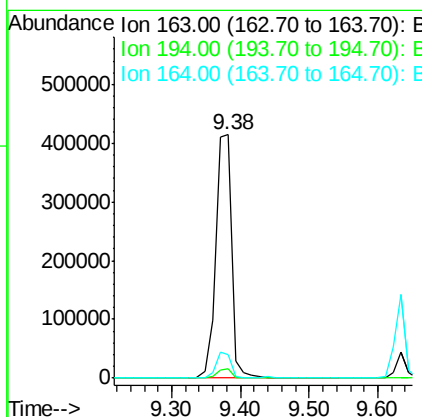
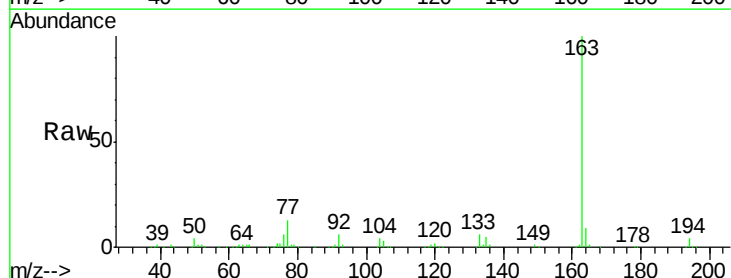
RT: 9.38 min Scan# 682

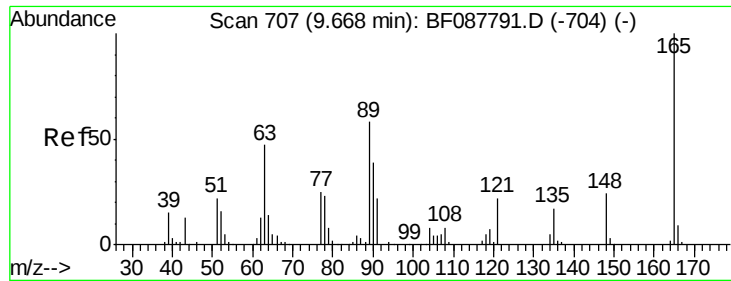
Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	163	Resp:	676109
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.4	8.3	12.5





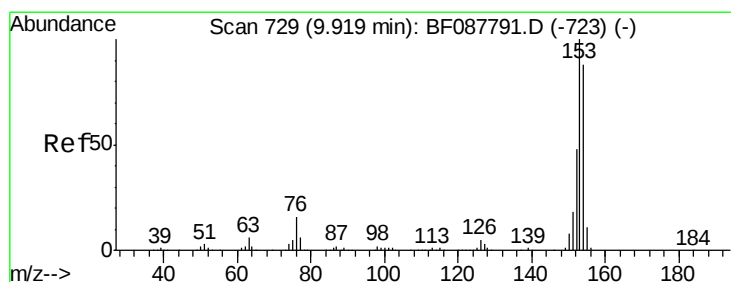
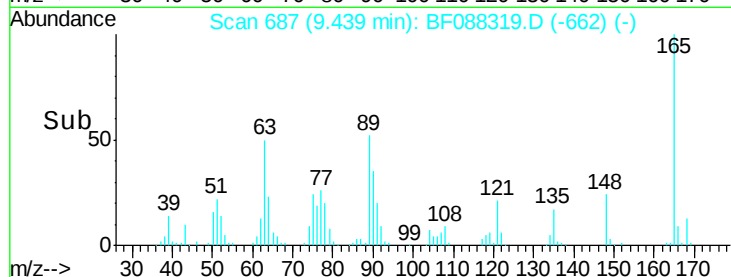
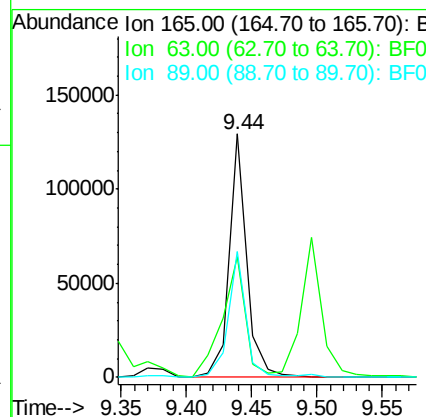
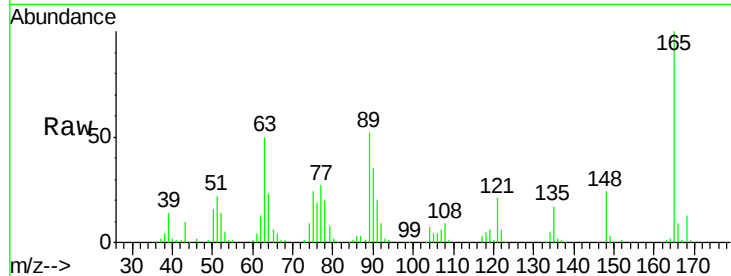
#50
2,6-Dinitrotoluene
Concen: 50.23 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.6	28.1	42.1#
89	51.6	32.2	48.2#

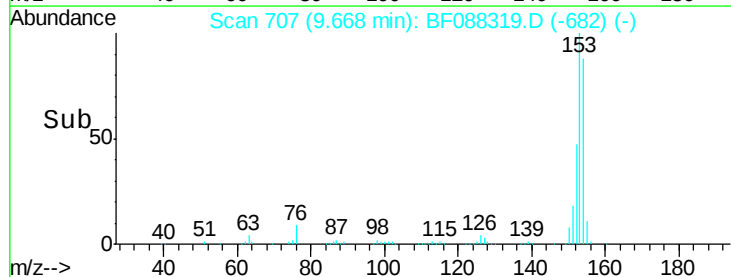
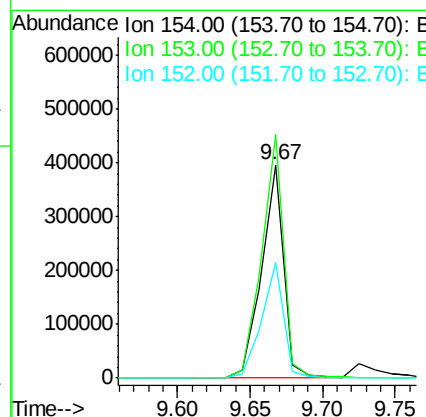
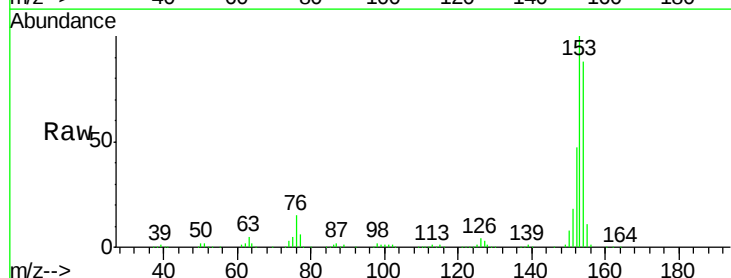
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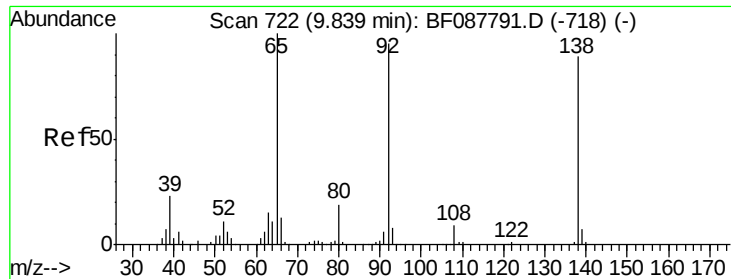
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#51
Acenaphthene
Concen: 44.55 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.3	89.5	134.3
152	54.1	42.7	64.1





#52

3-Nitroaniline

Concen: 24.24 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

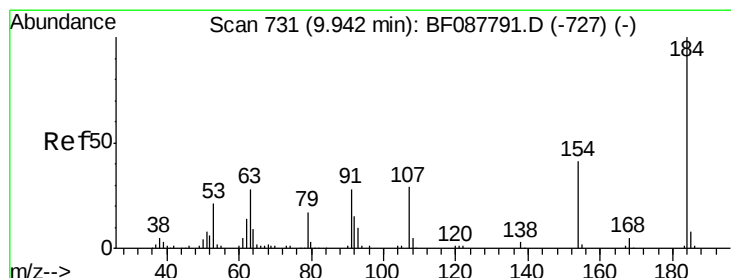
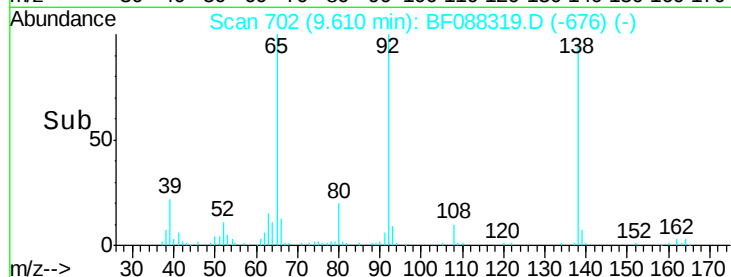
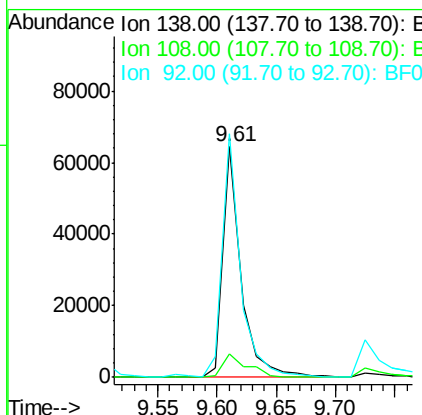
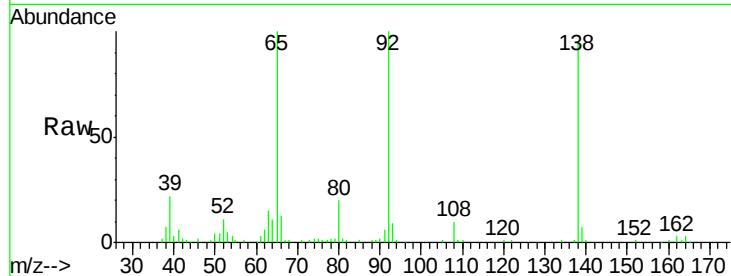
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	138	Resp:	68032
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	105.6	95.7	143.5

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#53

2,4-Dinitrophenol

Concen: 51.17 ng

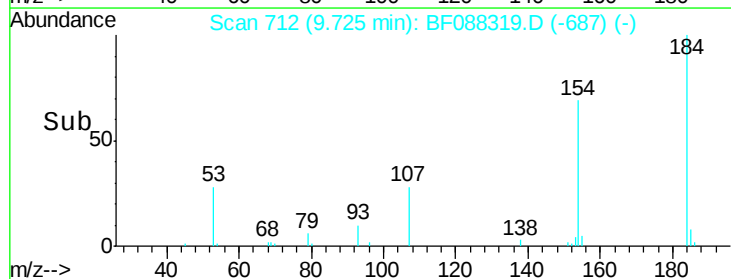
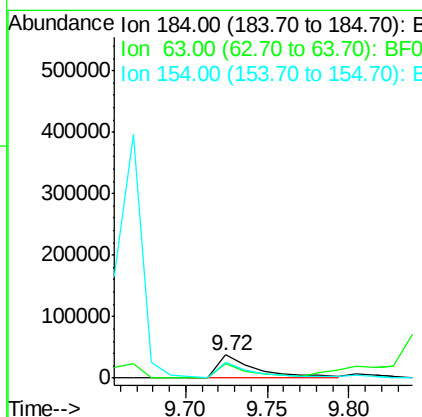
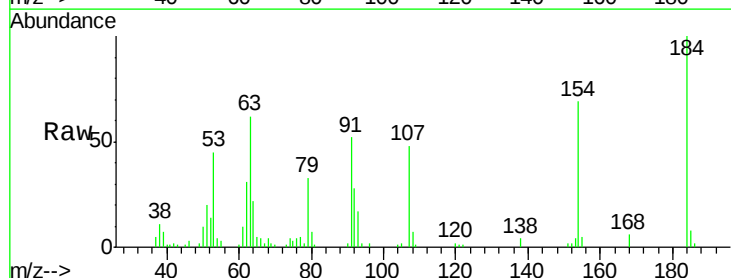
RT: 9.72 min Scan# 712

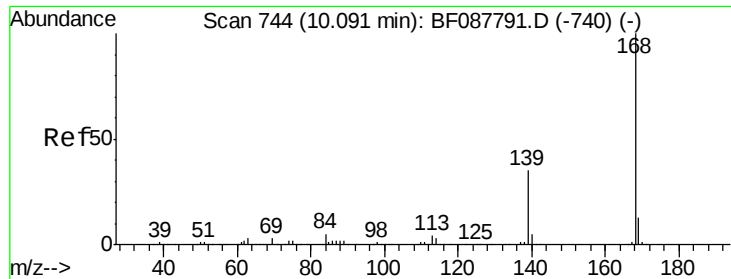
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	184	Resp:	61360
Ion Ratio	Lower	Upper	
184	100		
63	61.9	57.6	86.4
154	68.6	53.5	80.3





#54

Dibenzofuran

Concen: 45.70 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088319.D

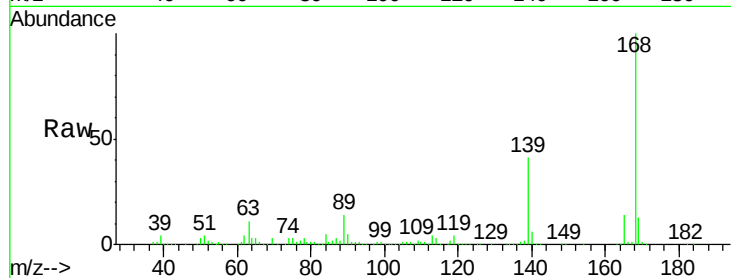
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

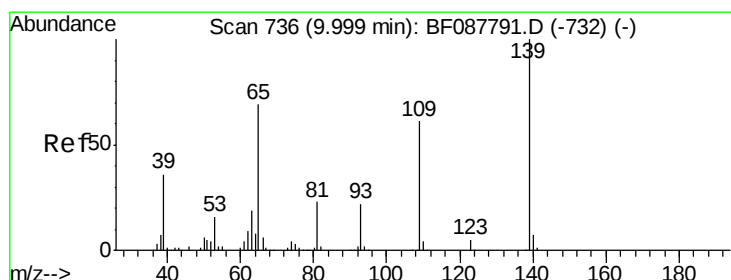
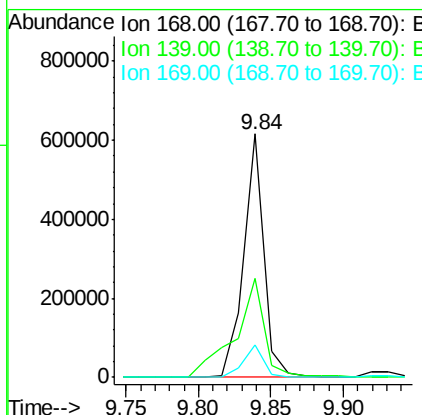
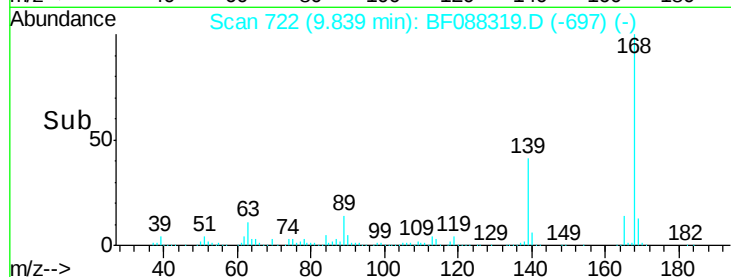
SB-03-COMPMSD



Tgt Ion:	168	Resp:	592424
Ion Ratio	Lower	Upper	
168	100		
139	40.8	26.4	39.6#
169	13.5	10.4	15.6

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#55

4-Nitrophenol

Concen: 67.68 ng m

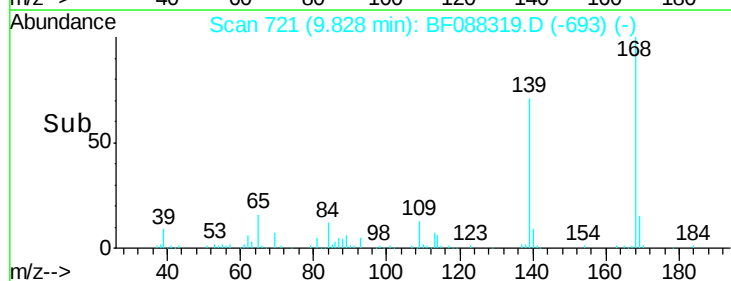
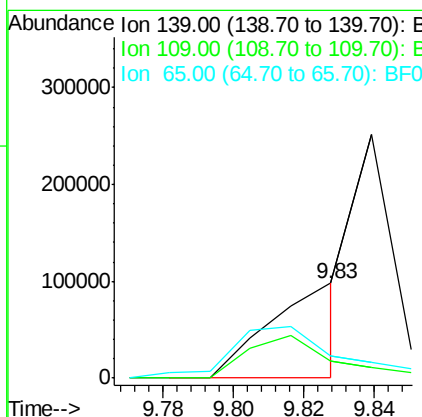
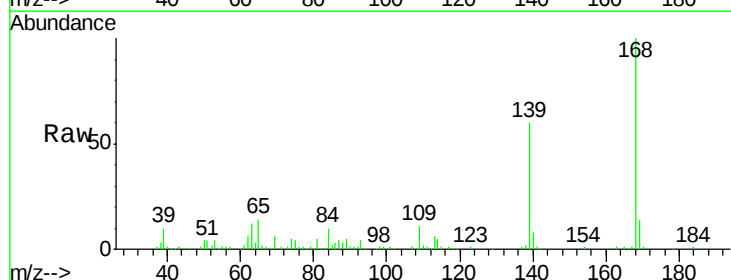
RT: 9.83 min Scan# 721

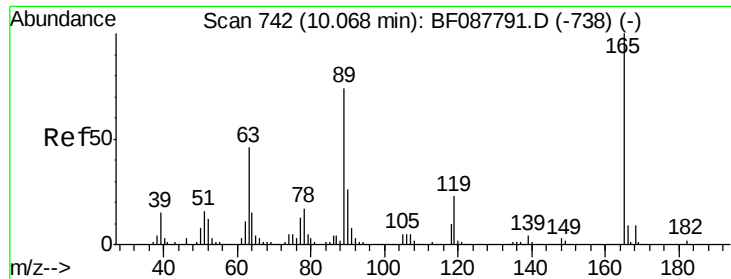
Delta R.T. 0.02 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	139	Resp:	147414
Ion Ratio	Lower	Upper	
139	100		
109	18.6	48.9	88.9#
65	23.7	84.9	124.9#





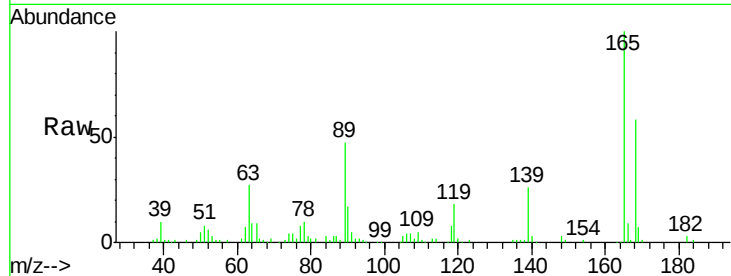
#56
2,4-Dinitrotoluene
Concen: 46.67 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145870		
63	26.8	22.0	33.0	
89	47.0	41.1	61.7	
182	2.8	2.0	3.0	

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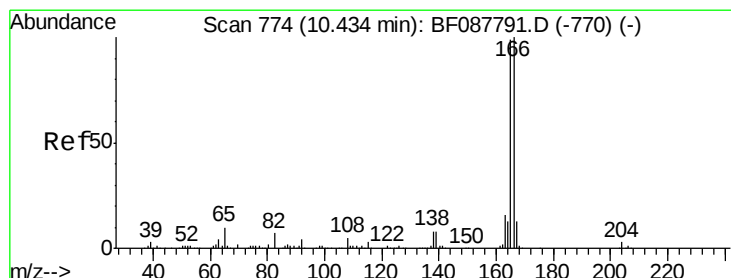
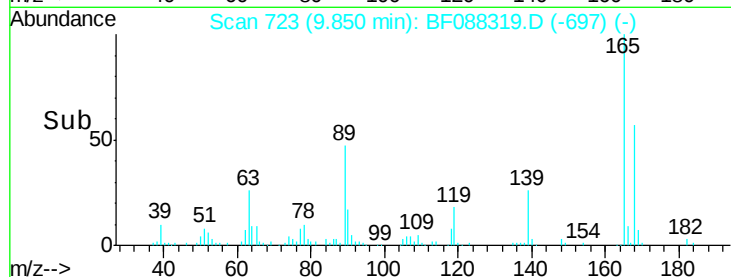
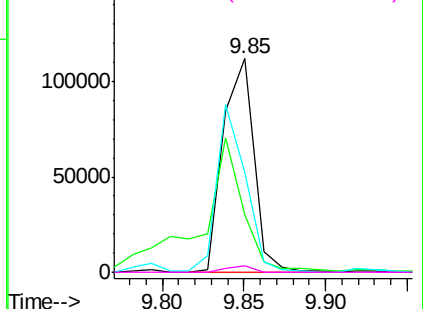


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

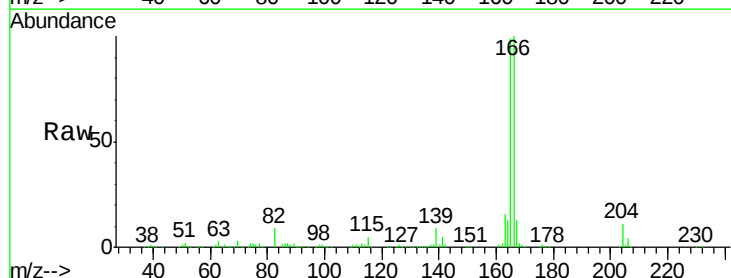
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 55.41 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

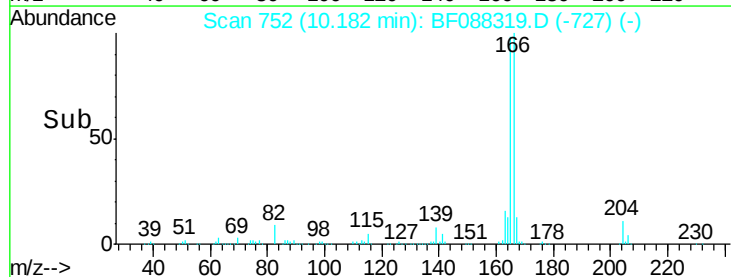
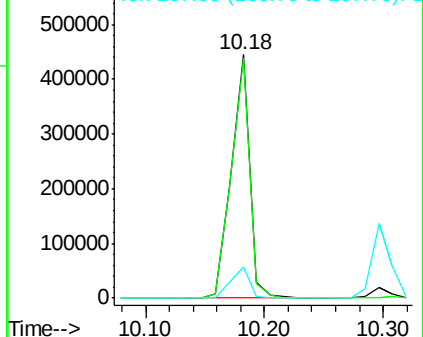
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	475637		
165	98.6	77.8	116.8	
167	12.9	11.2	16.8	

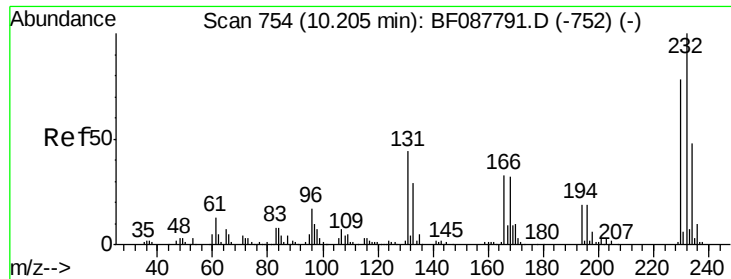


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

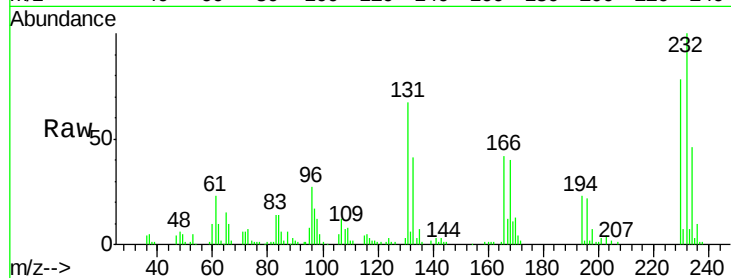
Ion 167.00 (166.70 to 167.70): E





#58
2,3,4,6-Tetrachlorophenol
Concen: 44.81 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

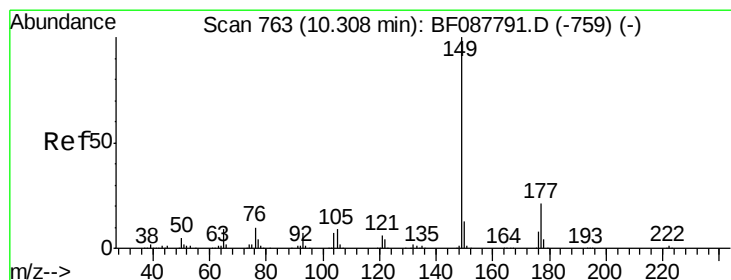
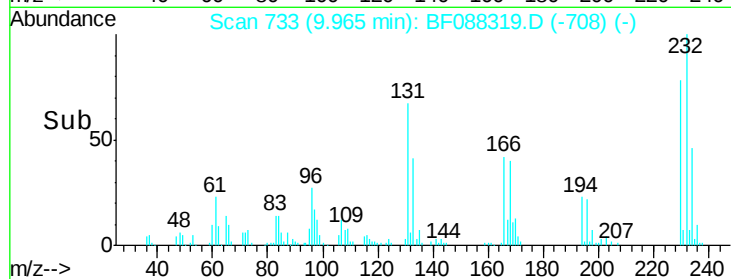
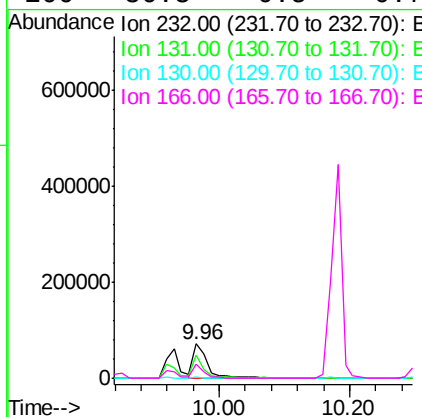
Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	50.0	0.9	1.3#
130	2.3	1.5	2.3
166	36.3	0.5	0.7#

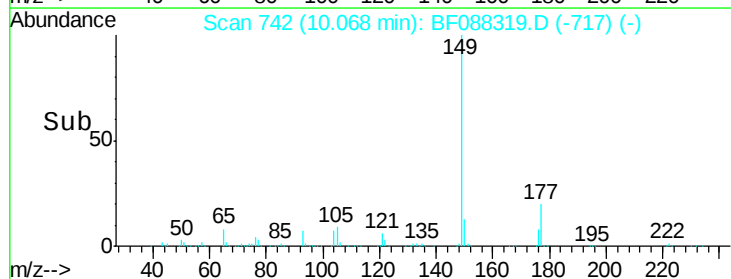
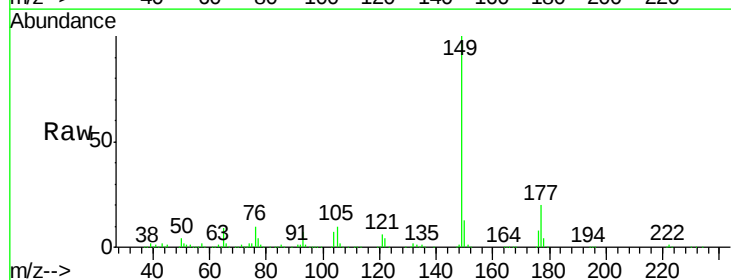
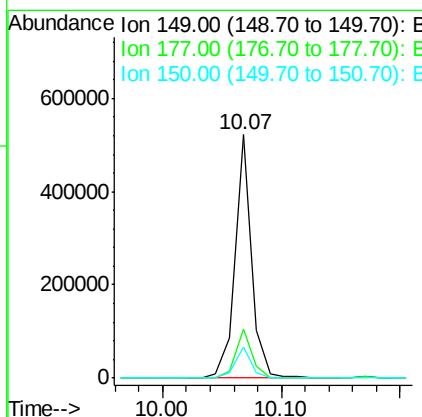
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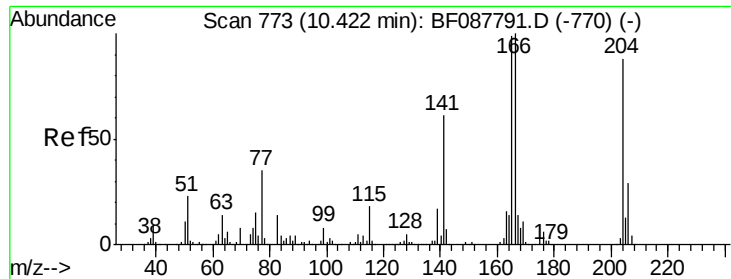
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#59
Diethylphthalate
Concen: 47.23 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.0	16.9	25.3
150	12.6	10.1	15.1





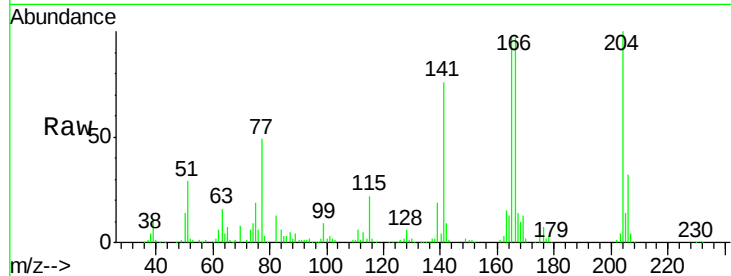
#60
4-Chlorophenyl-phenylether
Concen: 43.95 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

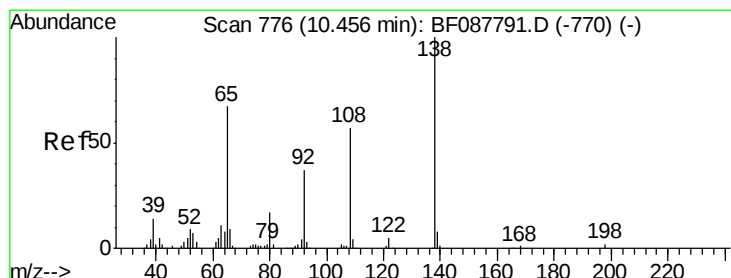
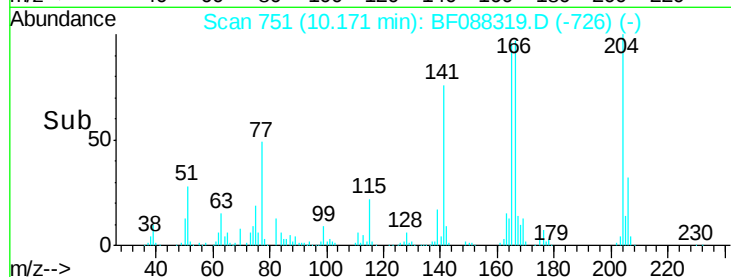
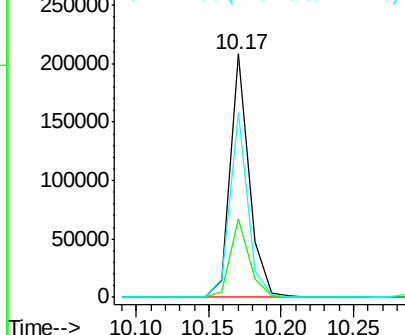
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	75.9	55.0	82.6

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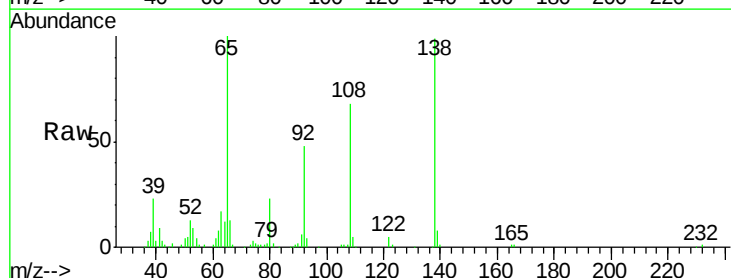


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

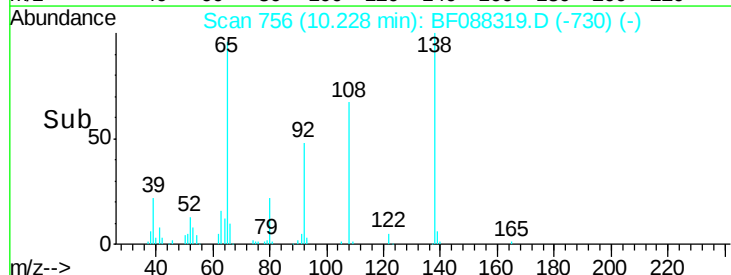
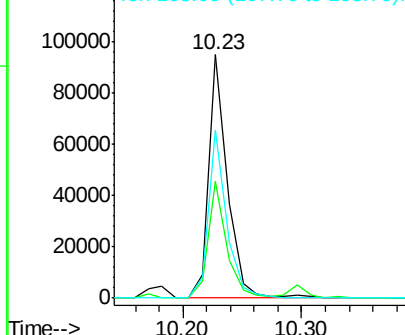


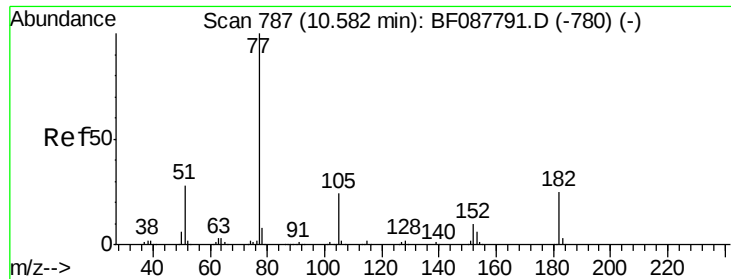
#61
4-Nitroaniline
Concen: 38.89 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.3	67.3
108	68.8	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: 45.32 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF088319.D

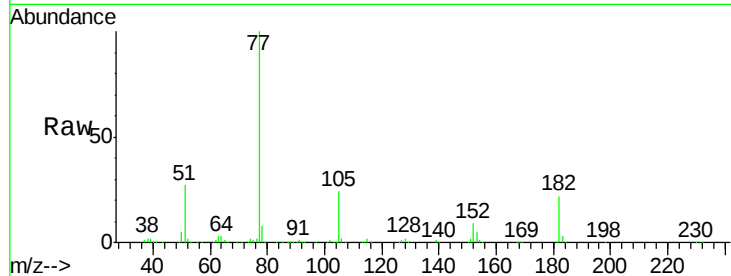
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

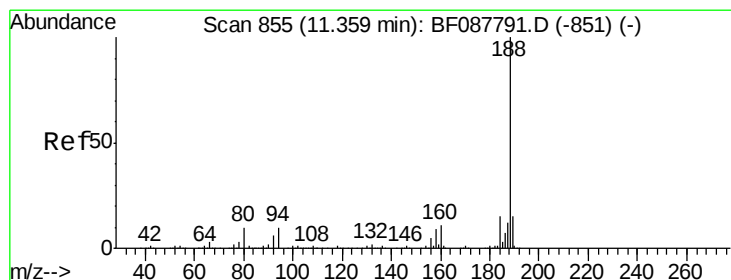
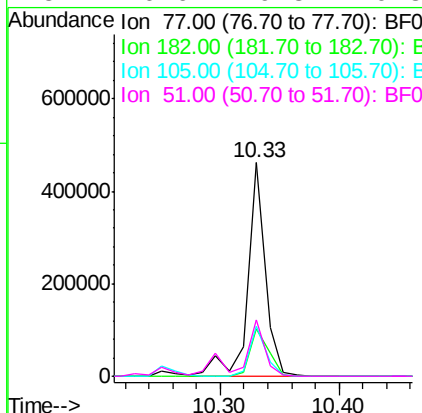
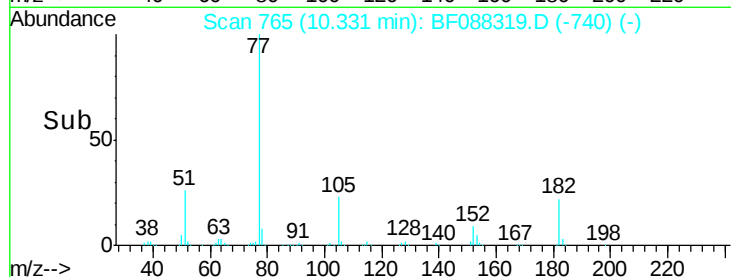
SB-03-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
77	100	481709		
182	22.1	4.4	44.4	
105	23.5	3.8	43.8	
51	26.6	9.3	49.3	

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#63

Phenanthrene-d10

Concen: 20.00 ng

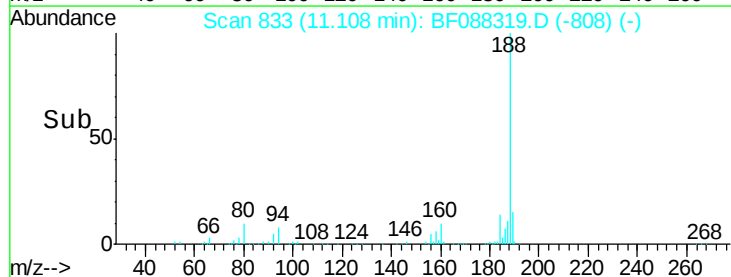
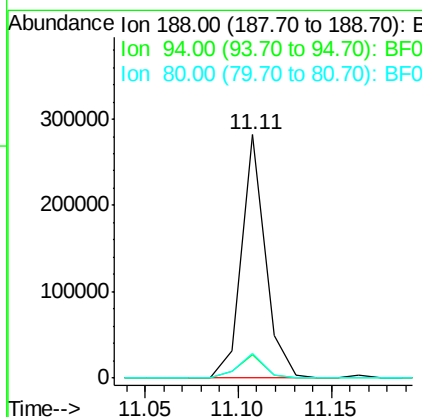
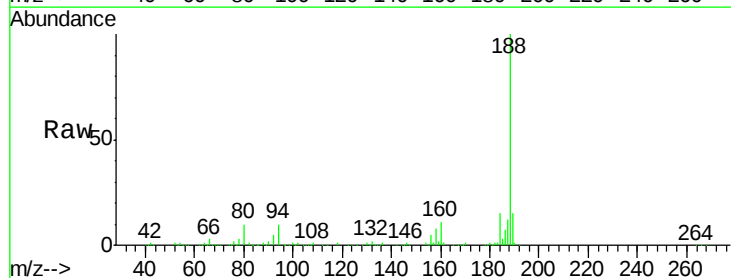
RT: 11.11 min Scan# 833

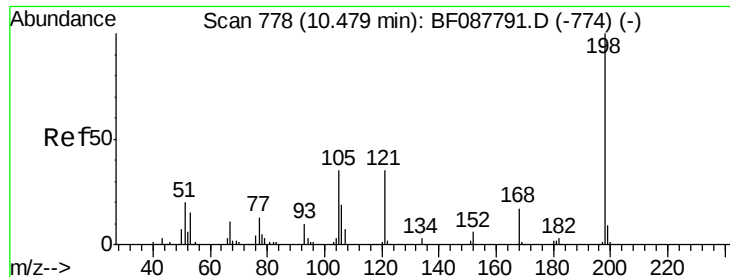
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	252288		
94	9.6	9.0	13.6	
80	9.9	10.0	15.0	





#64

4,6-Dinitro-2-methylphenol

Concen: 36.99 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF088319.D

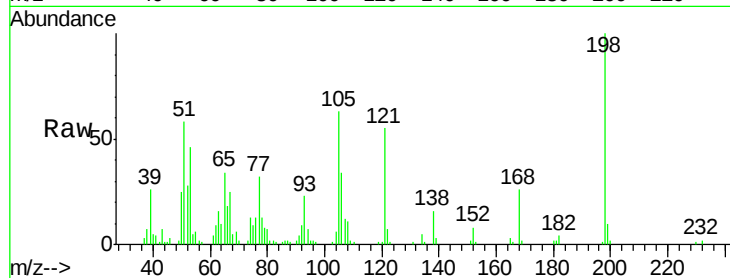
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

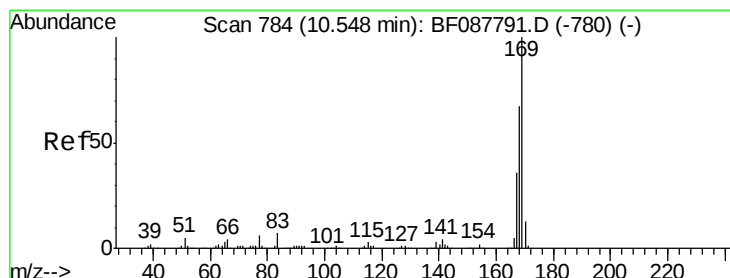
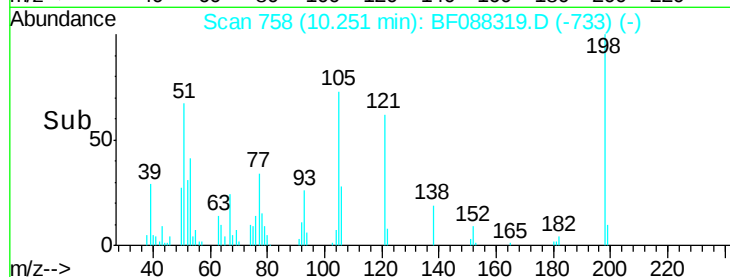
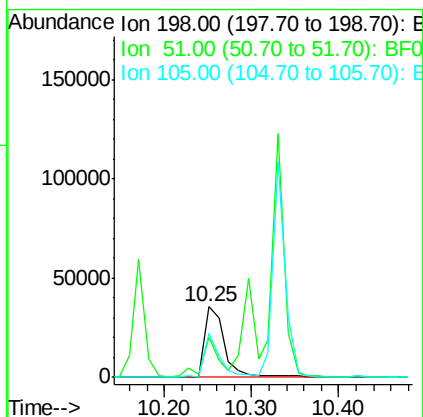
SB-03-COMPMSD



Tgt Ion:	198	Resp:	57438
Ion Ratio	Lower	Upper	
198	100		
51	57.7	39.6	79.6
105	62.7	36.6	76.6

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#65

n-Nitrosodiphenylamine

Concen: 48.27 ng

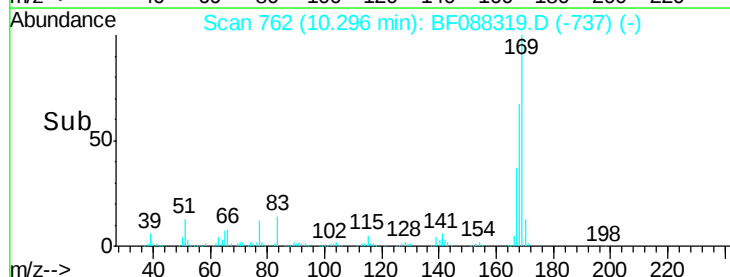
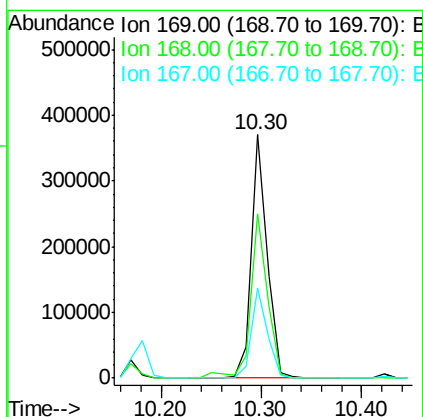
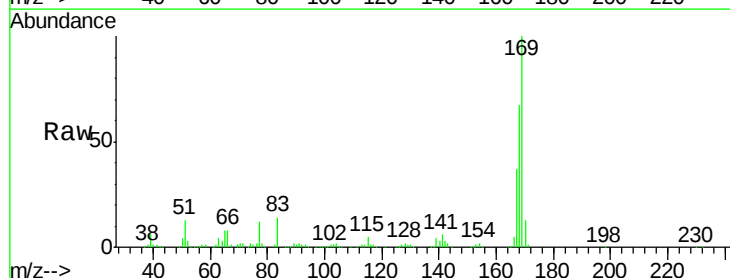
RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	169	Resp:	404091
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.4	80.0
167	36.9	29.4	44.0





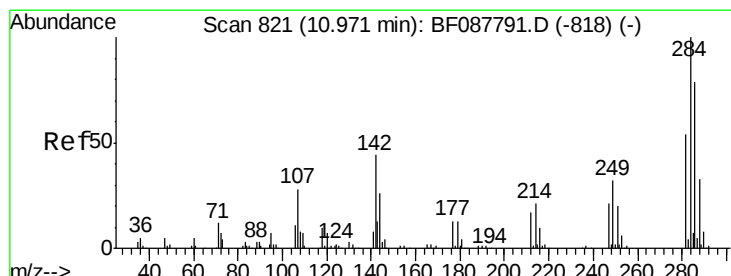
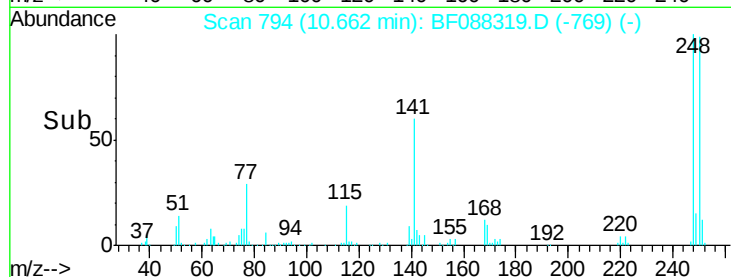
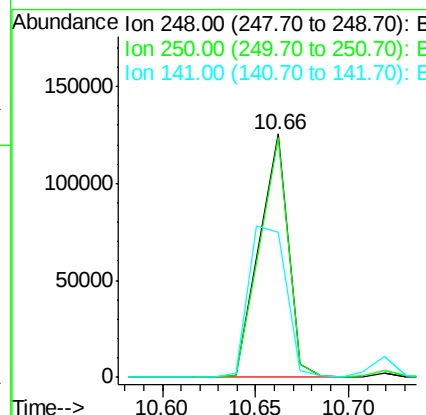
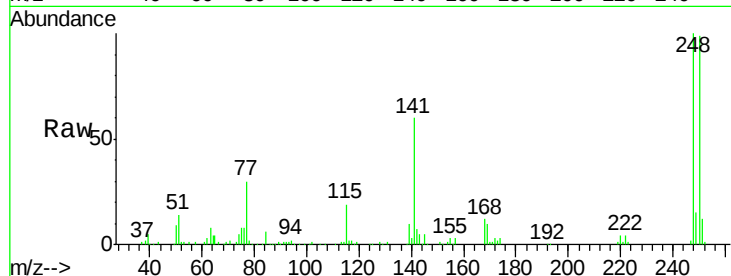
#66
 4-Bromophenyl-phenylether
 Concen: 49.67 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	134427		
250	98.6	77.1	115.7	
141	59.6	50.6	76.0	

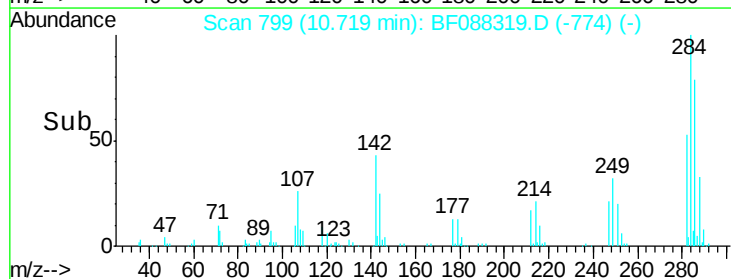
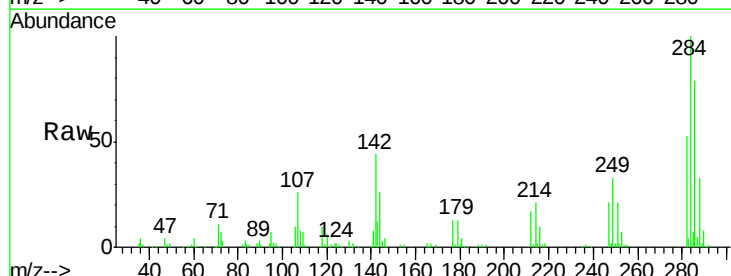
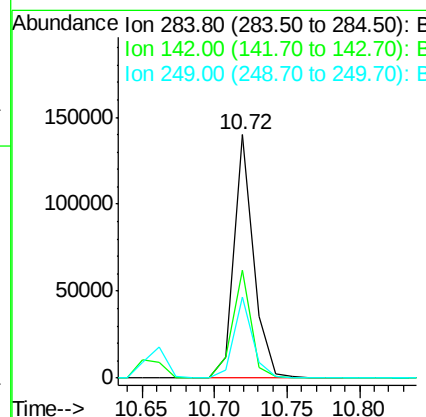
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#67
 Hexachlorobenzene
 Concen: 46.76 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	131507		
142	44.4	35.8	53.8	
249	33.1	25.8	38.6	





#68

Atrazine

Concen: 51.04 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF088319.D

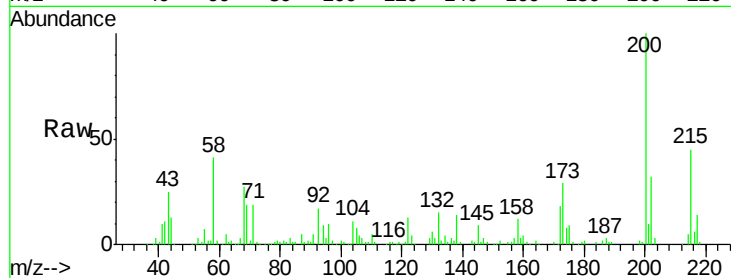
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

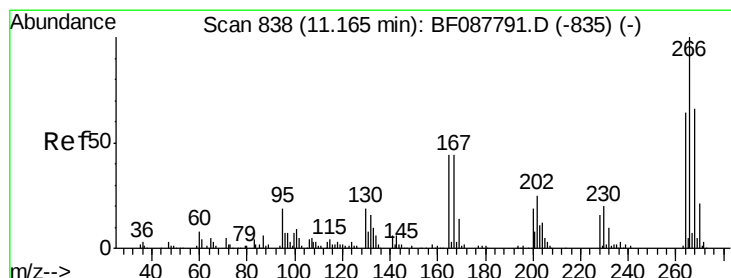
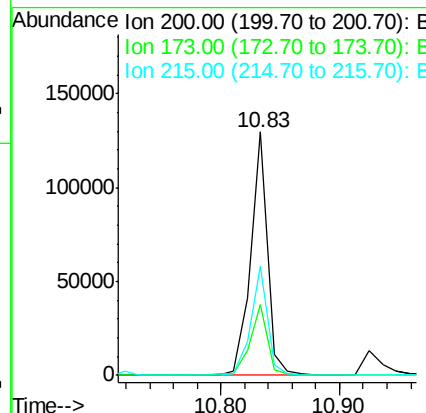
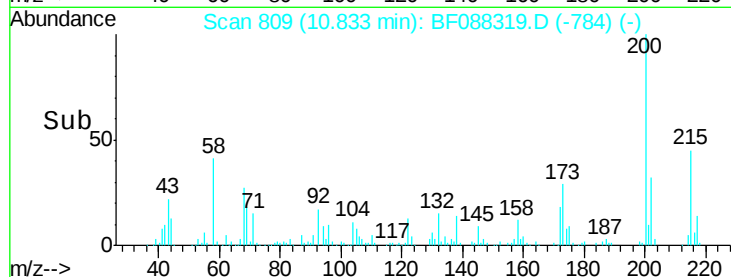
SB-03-COMPMSD



Tgt Ion:	200	Resp:	129382
Ion Ratio	Lower	Upper	
200	100		
173	29.3	4.0	44.0
215	45.1	29.3	69.3

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#69

Pentachlorophenol

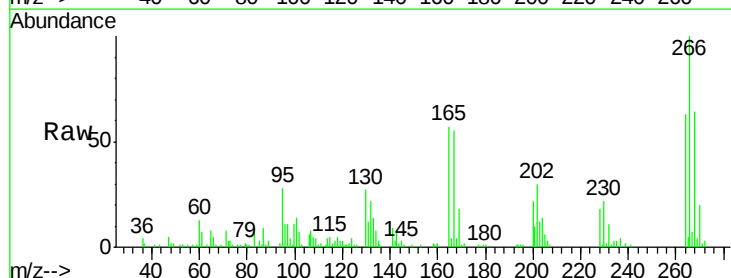
Concen: 60.42 ng

RT: 10.92 min Scan# 817

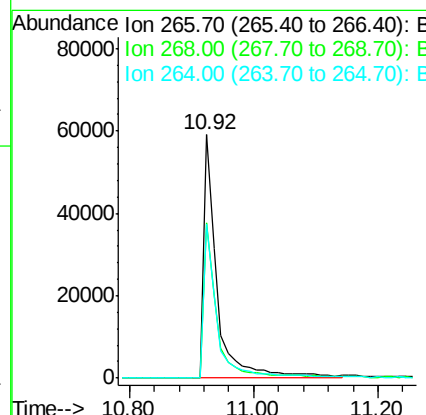
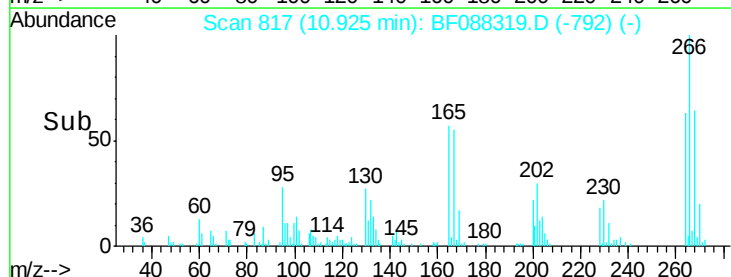
Delta R.T. -0.01 min

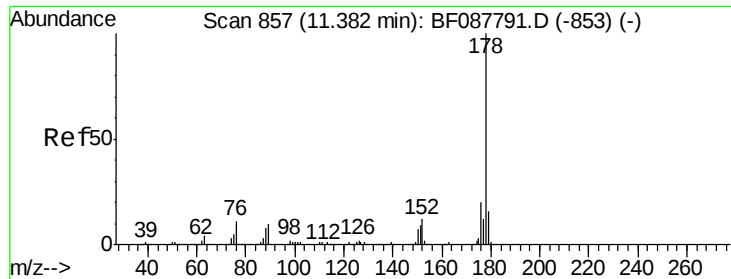
Lab File: BF088319.D

Acq: 24 Jun 2016 7:06



Tgt Ion:	266	Resp:	89565
Ion Ratio	Lower	Upper	
266	100		
268	64.0	52.8	79.2
264	63.4	49.6	74.4





#70

Phenanthrene

Concen: 47.51 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF088319.D

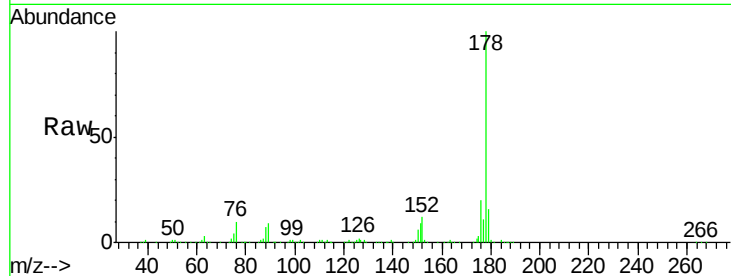
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

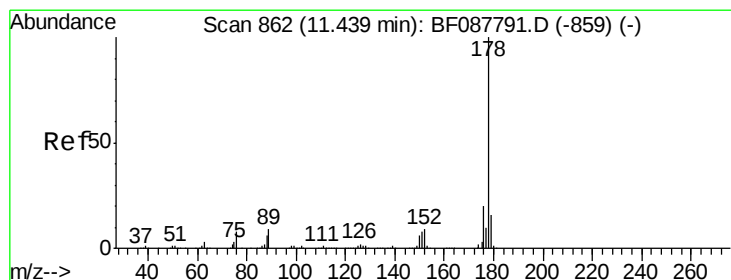
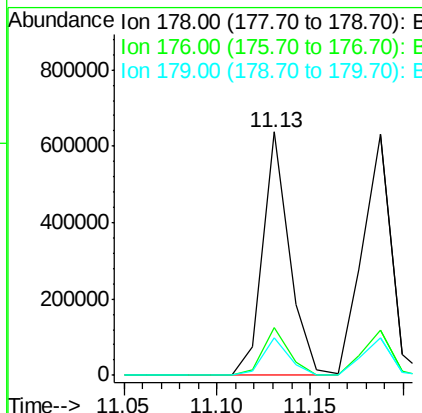
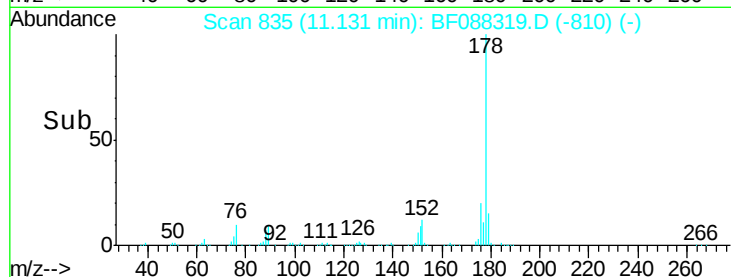
SB-03-COMPMSD



Tgt Ion:	178	Resp:	628960
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.6
179	15.6	13.0	19.4

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#71

Anthracene

Concen: 50.09 ng

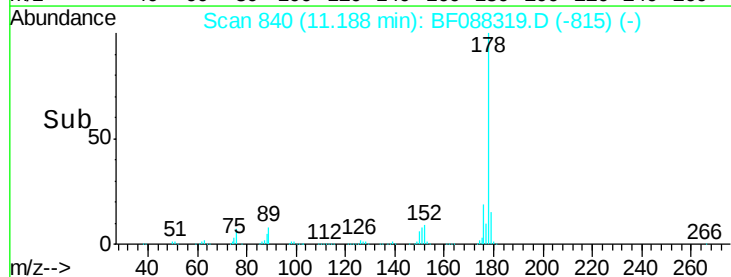
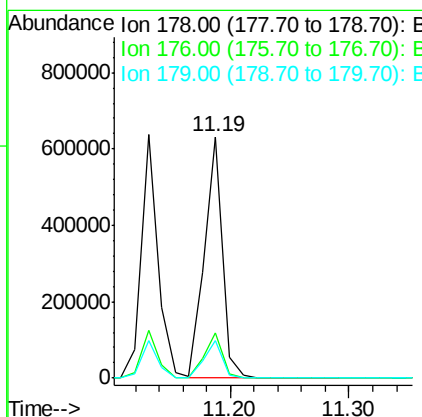
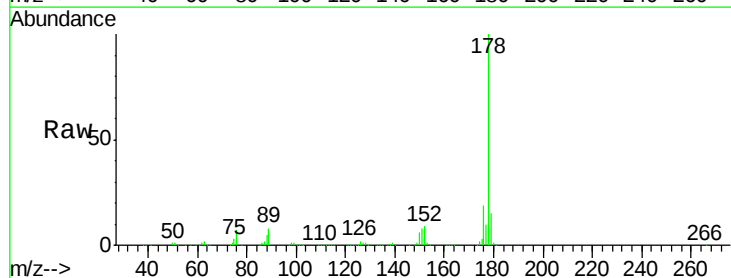
RT: 11.19 min Scan# 840

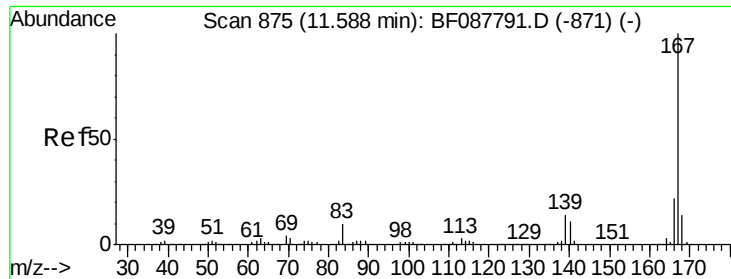
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	178	Resp:	668867
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.6	23.4
179	15.4	12.8	19.2





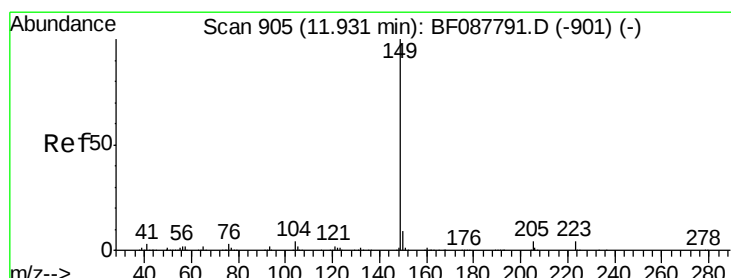
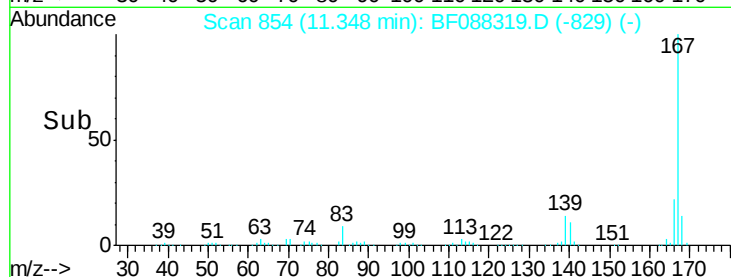
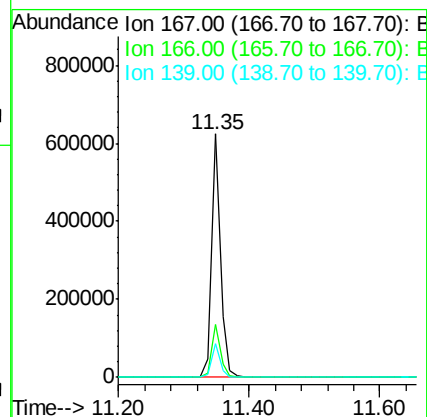
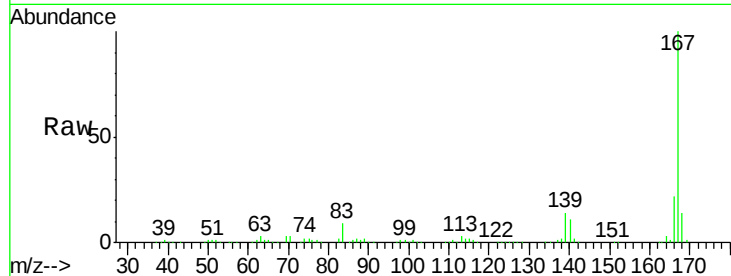
#72
 Carbazole
 Concen: 47.15 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	589215		
166	21.9	17.8	26.6	
139	13.8	11.2	16.8	

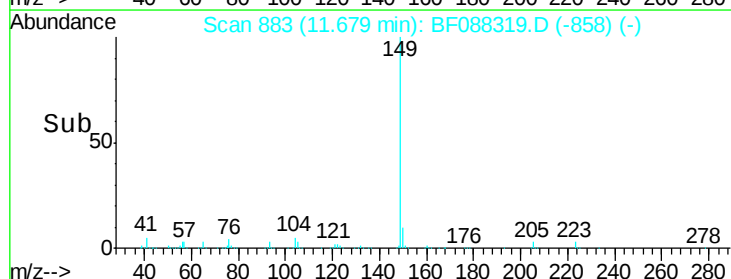
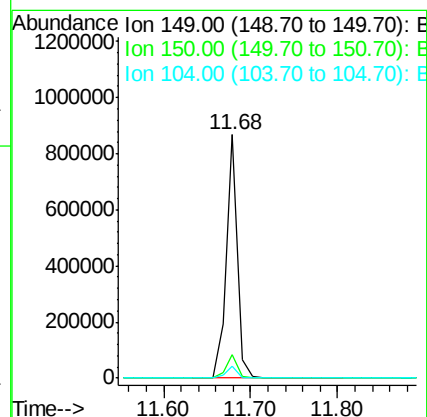
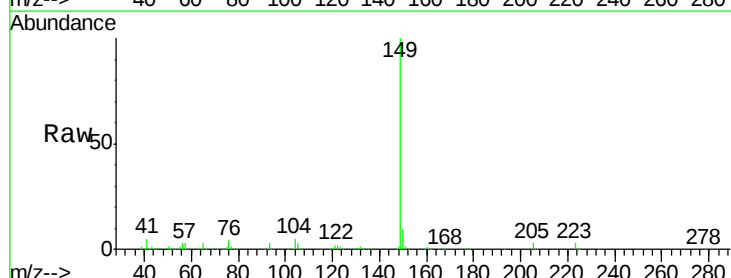
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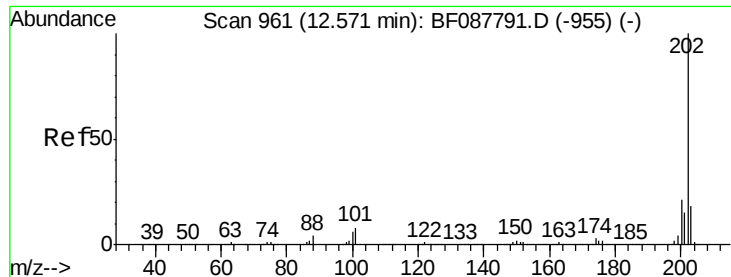
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#73
 Di-n-butylphthalate
 Concen: 49.76 ng
 RT: 11.68 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	787082		
150	9.6	7.8	11.6	
104	4.8	4.0	6.0	





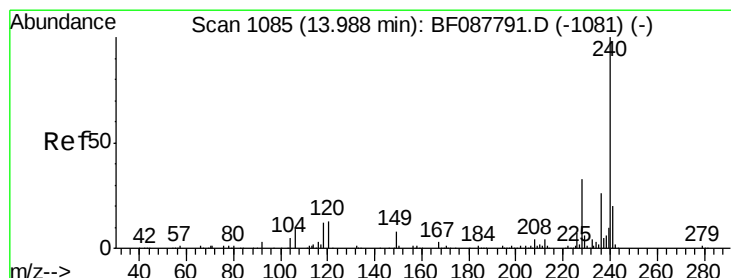
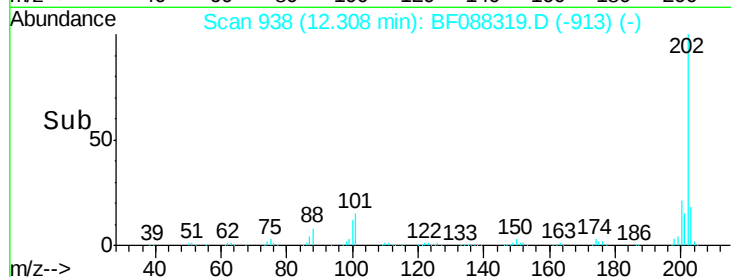
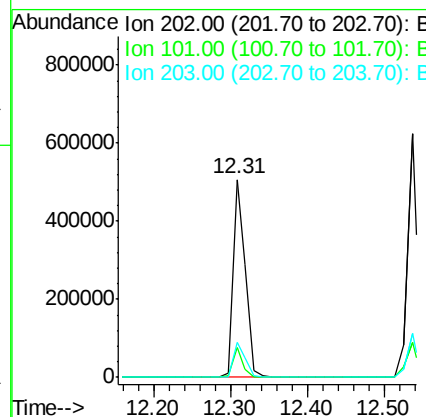
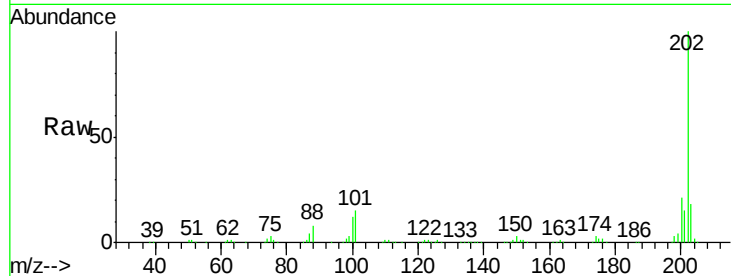
#74
Fluoranthene
Concen: 41.05 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.3	0.0	33.1
203	17.9	0.0	38.1

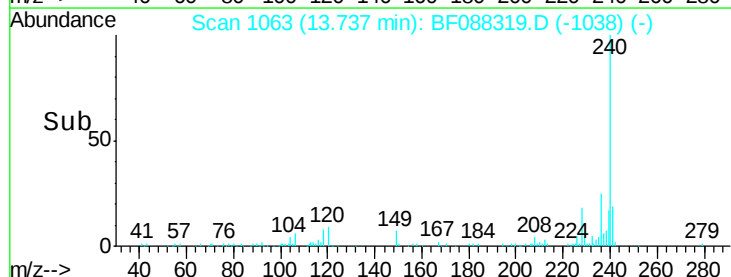
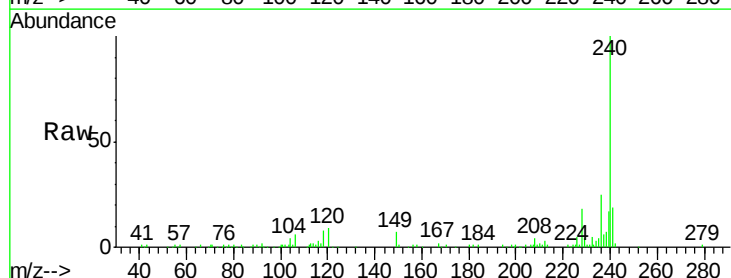
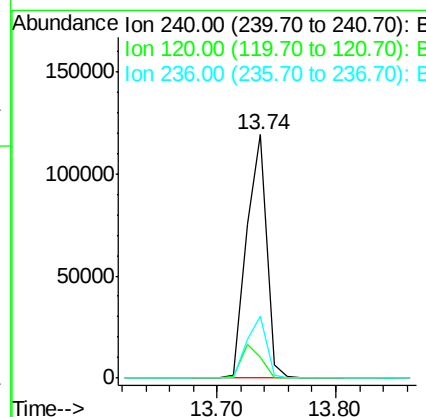
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.8	6.8	10.2
236	25.4	20.2	30.2





#76

Benzidine

Concen: 35.83 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF088319.D

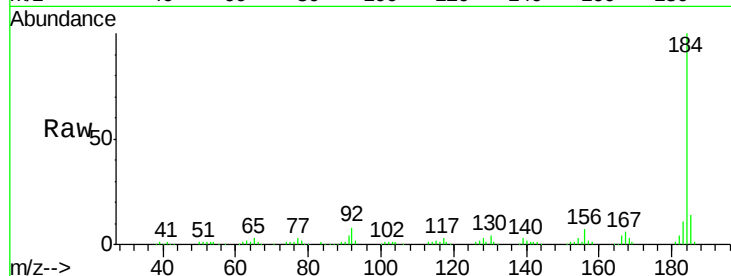
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

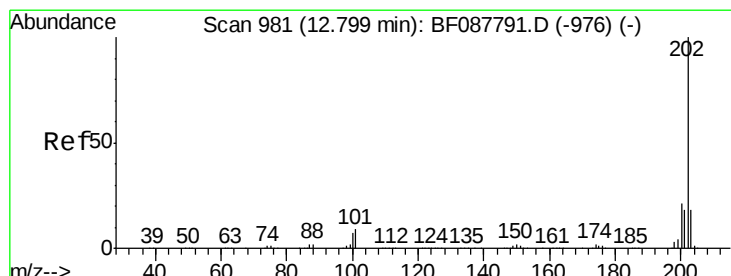
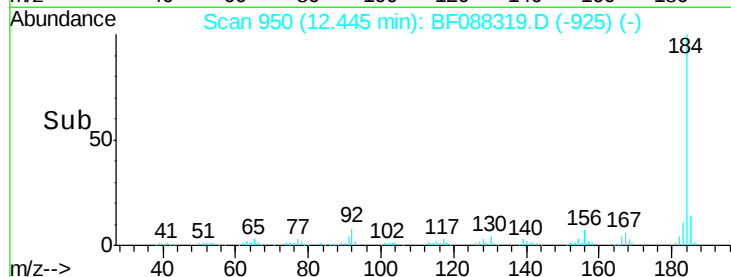
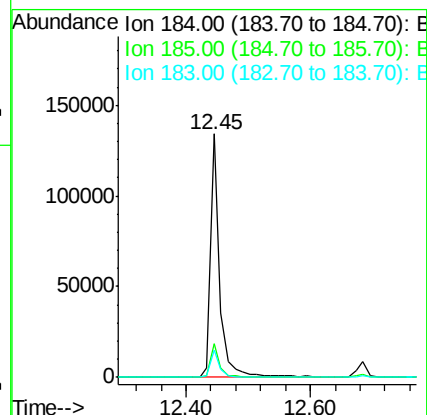
SB-03-COMPMSD



Tgt Ion:	184	Resp:	139036
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.5	18.7
183	11.2	9.3	13.9

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#77

Pyrene

Concen: 54.90 ng

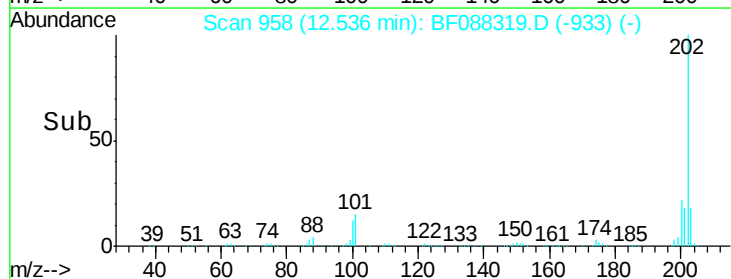
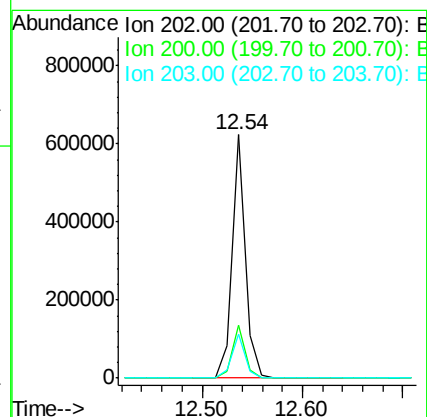
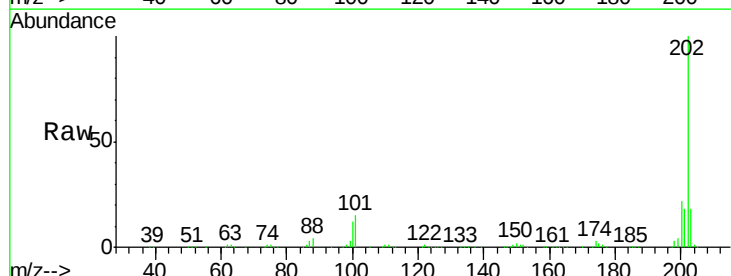
RT: 12.54 min Scan# 958

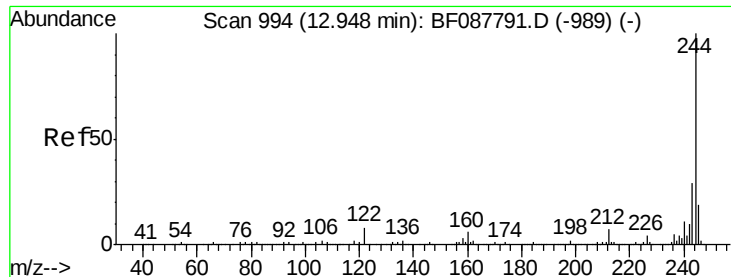
Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	202	Resp:	571008
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	18.0	14.5	21.7





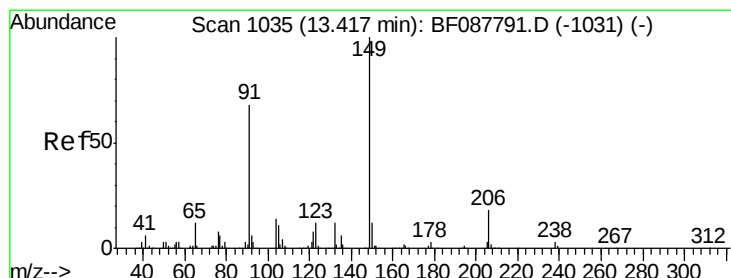
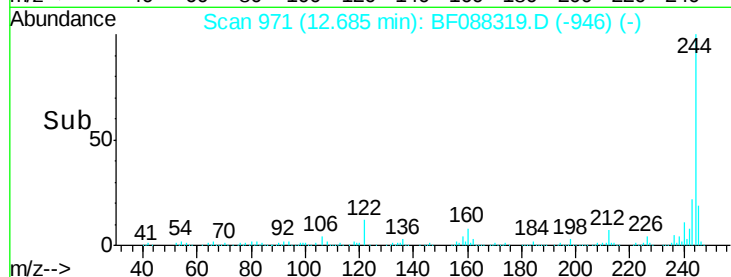
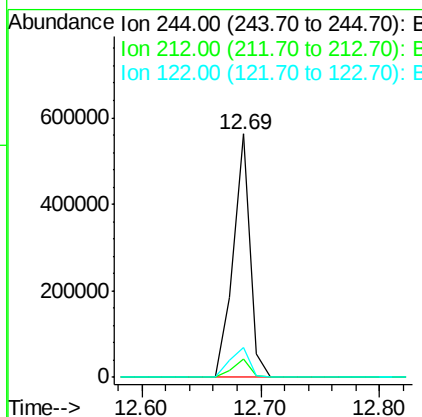
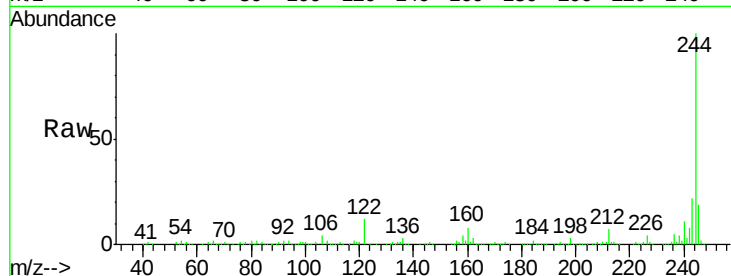
#78
 Terphenyl-d14
 Concen: 89.69 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.0	9.0
122	12.4	11.2	16.8

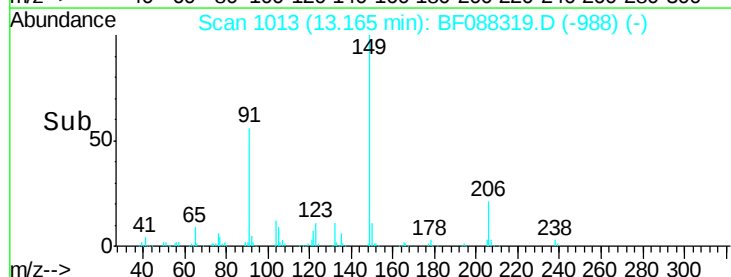
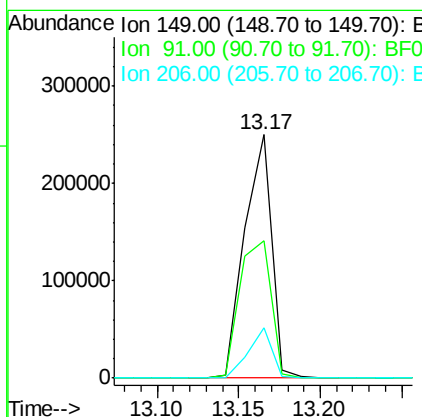
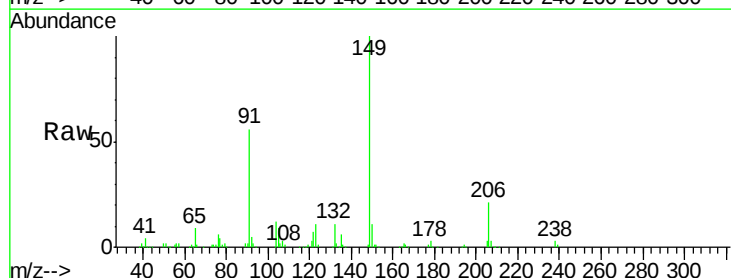
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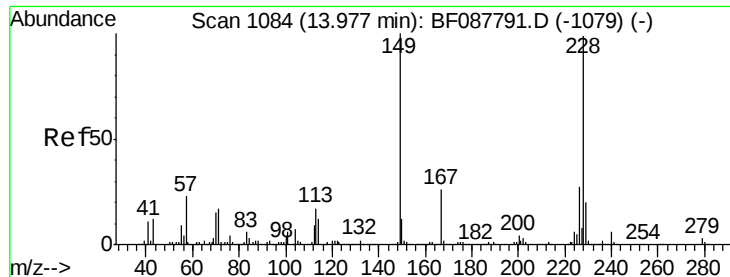
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#79
 Butylbenzylphthalate
 Concen: 62.16 ng
 RT: 13.17 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF088319.D
 Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	56.3	48.0	72.0
206	20.6	16.0	24.0





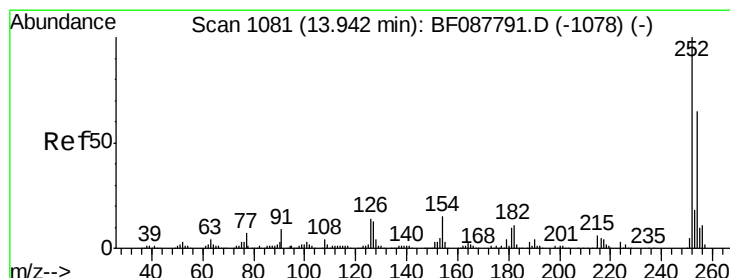
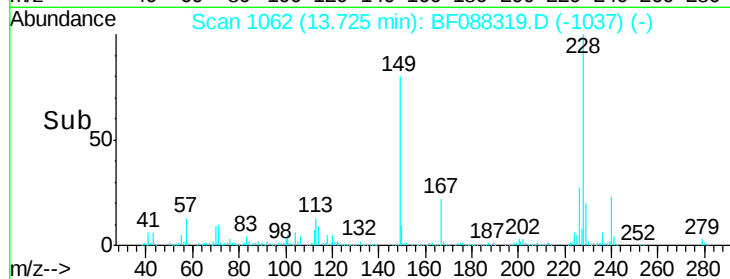
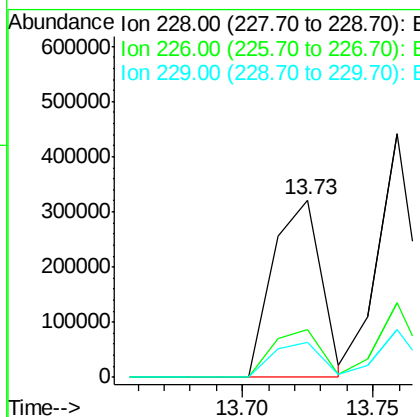
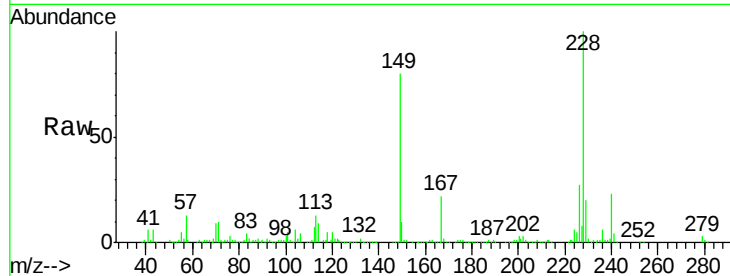
#80
Benzo(a)anthracene
Concen: 51.50 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.5	16.0	24.0

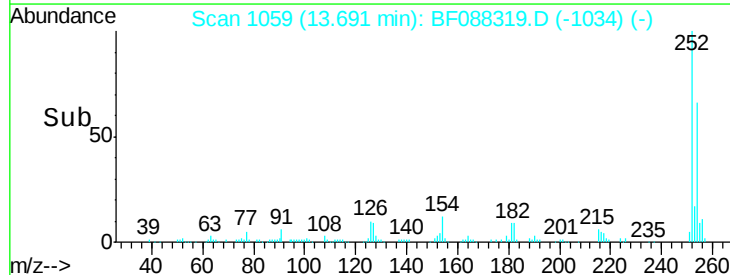
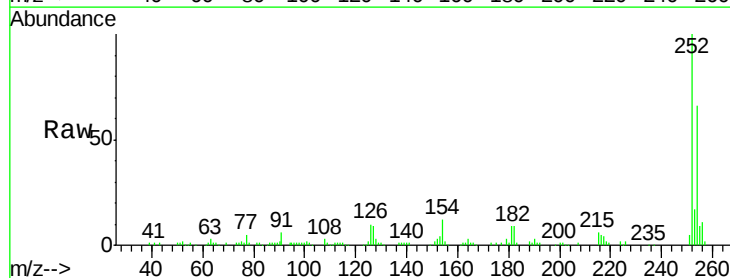
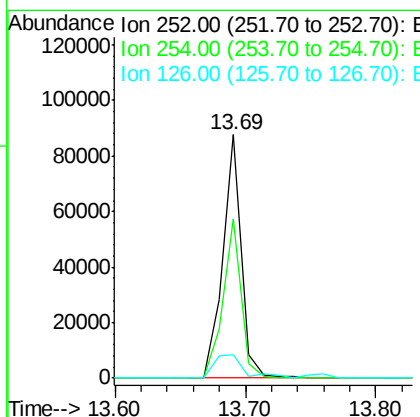
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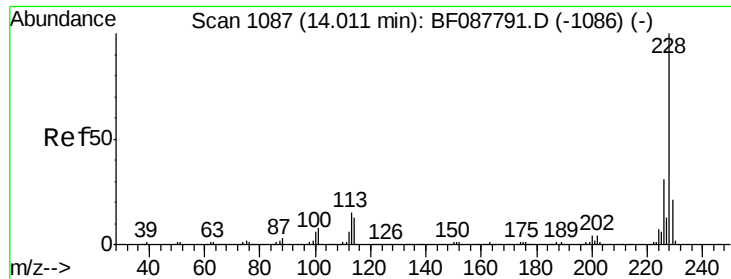
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#81
3,3'-Dichlorobenzidine
Concen: 40.57 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.6	78.8
126	9.8	6.2	9.2#





#82

Chrysene

Concen: 56.50 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

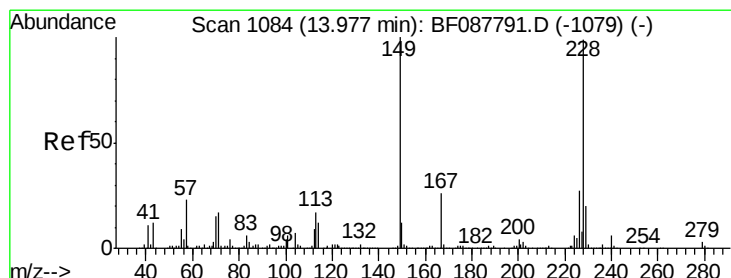
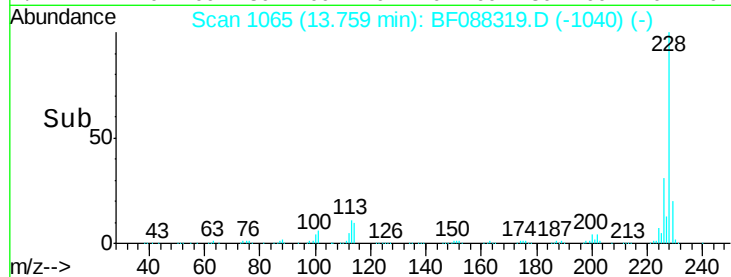
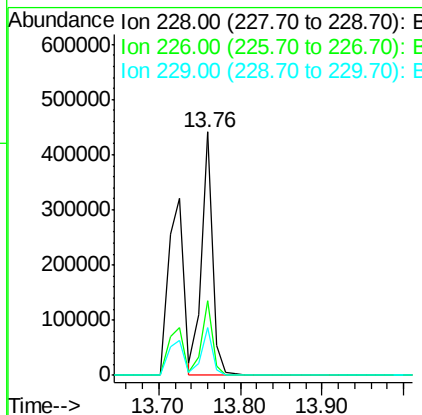
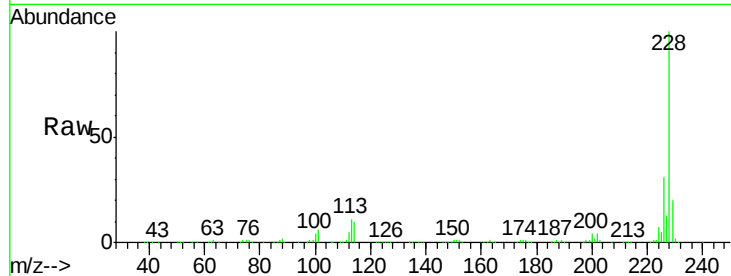
ClientSampleId :

SB-03-COMPMSD

Tgt Ion:	228	Resp:	424529
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.4	38.2
229	19.7	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 60.49 ng

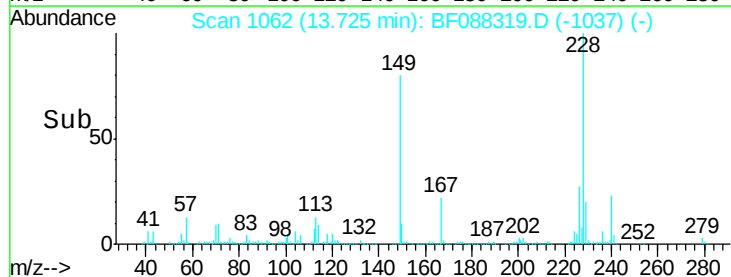
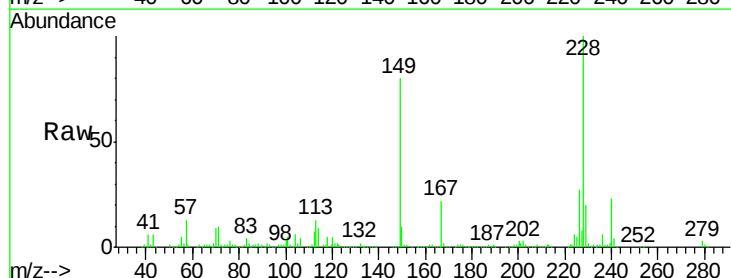
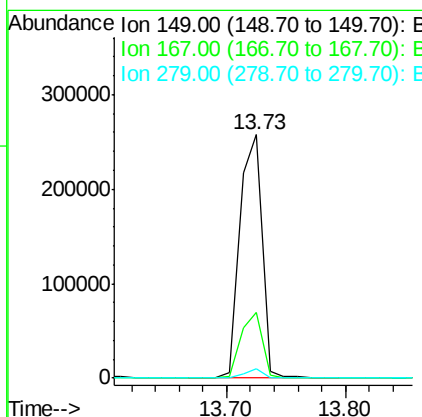
RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion:	149	Resp:	338620
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.5	30.7
279	4.0	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 63.31 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

SB-03-COMPMSD

Tgt Ion:149 Resp: 575845
Ion Ratio Lower Upper

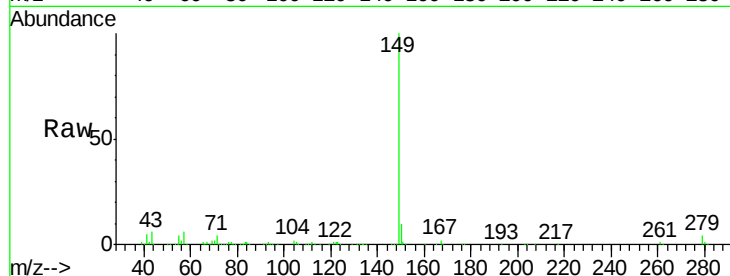
149 100

167 1.5 0.0 0.0#

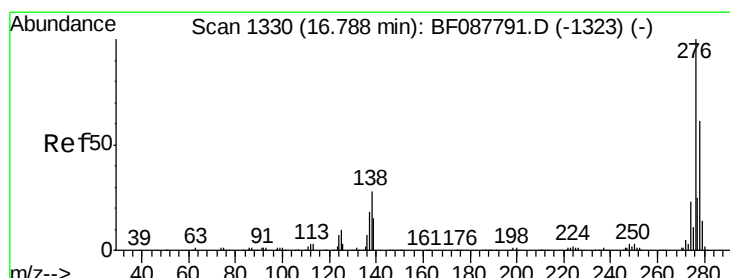
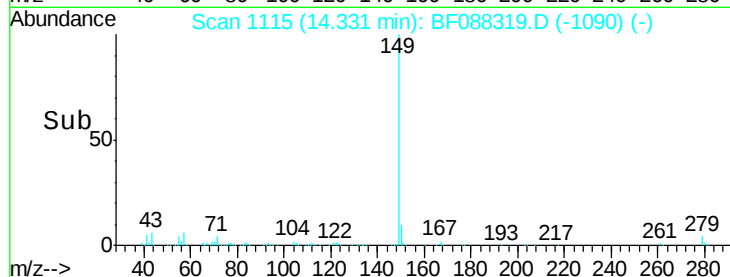
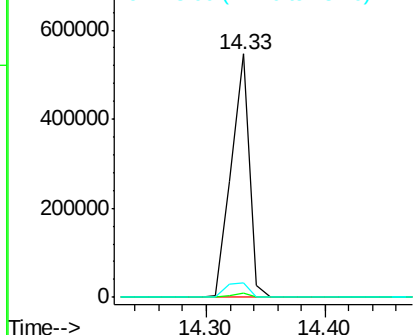
43 7.4 0.0 0.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 59.88 ng

RT: 16.34 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF088319.D

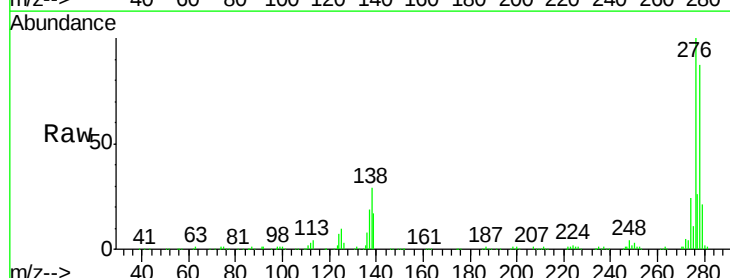
Acq: 24 Jun 2016 7:06

Tgt Ion:276 Resp: 418072
Ion Ratio Lower Upper

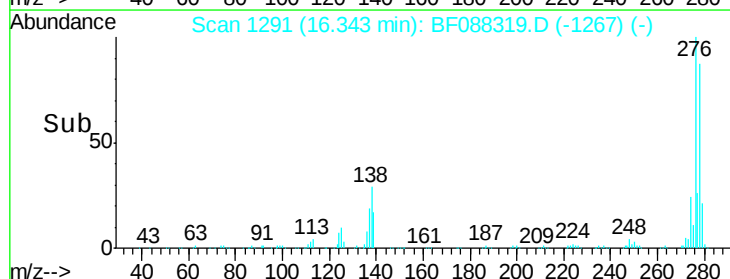
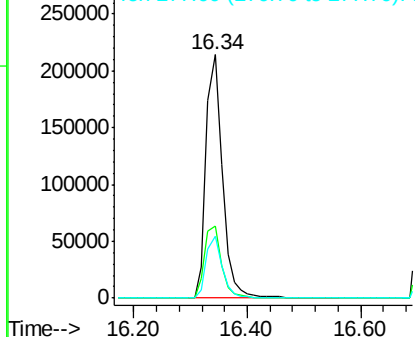
276 100

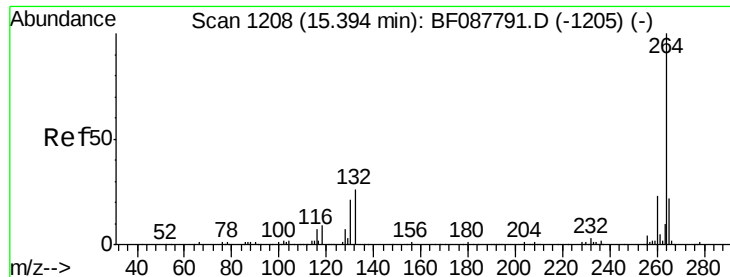
138 30.9 0.0 0.0#

277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF088319.D

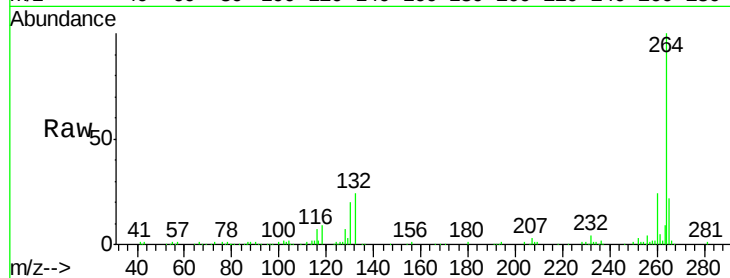
Acq: 24 Jun 2016 7:06

Instrument :

BNA_F

ClientSampleId :

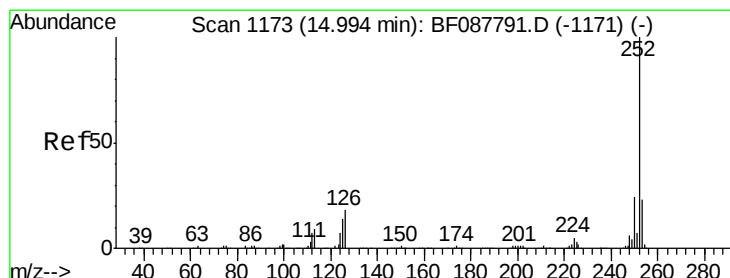
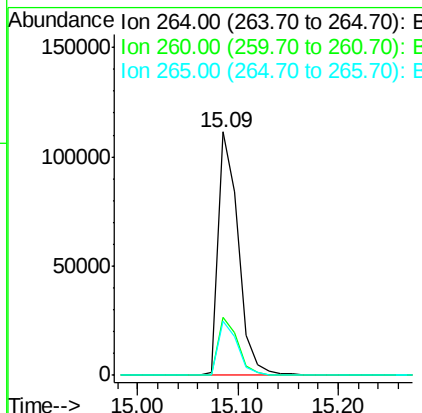
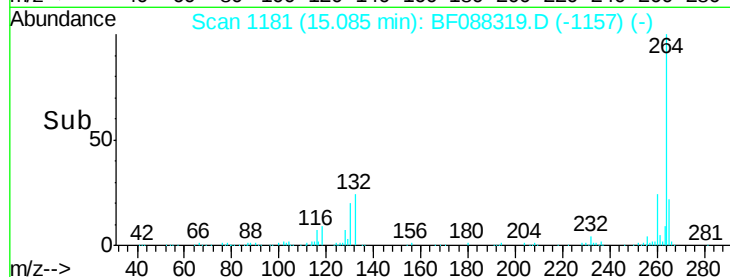
SB-03-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	22.1	16.9	25.3	

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#87

Benzo(b)fluoranthene

Concen: 37.95 ng m

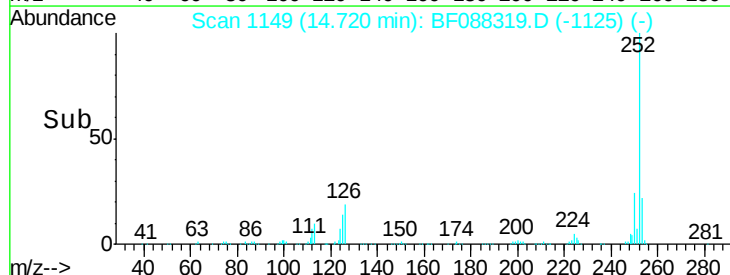
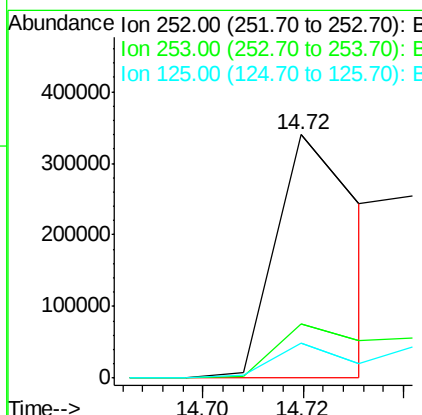
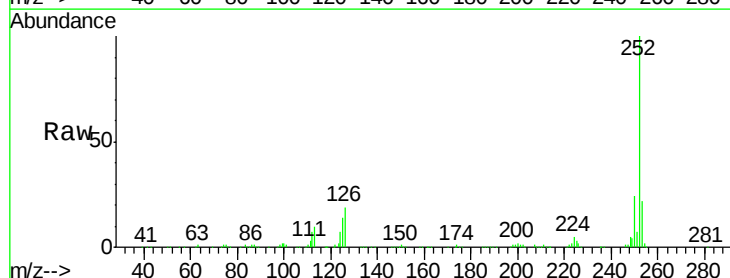
RT: 14.72 min Scan# 1149

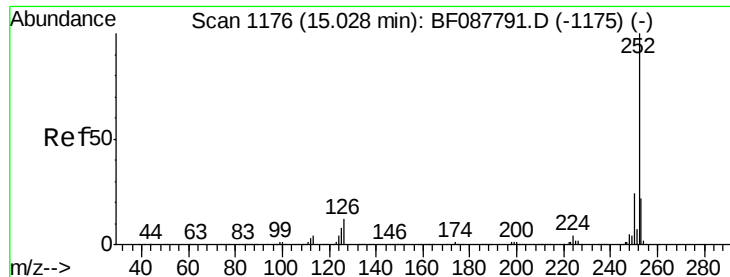
Delta R.T. -0.02 min

Lab File: BF088319.D

Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	17.4	26.2	
125	14.4	7.1	10.7#	





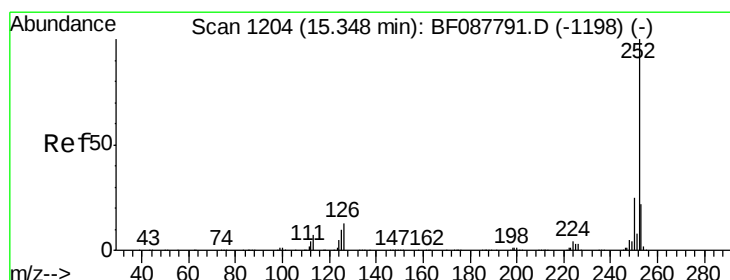
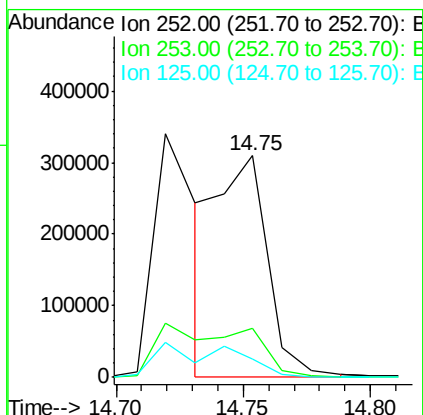
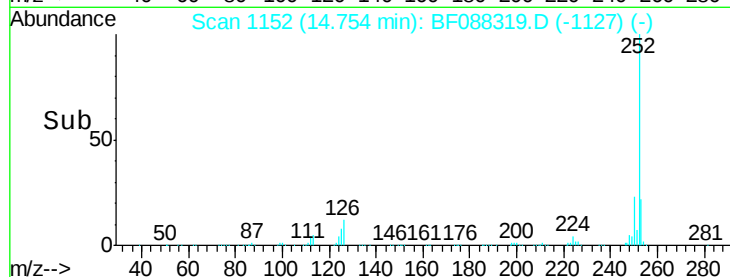
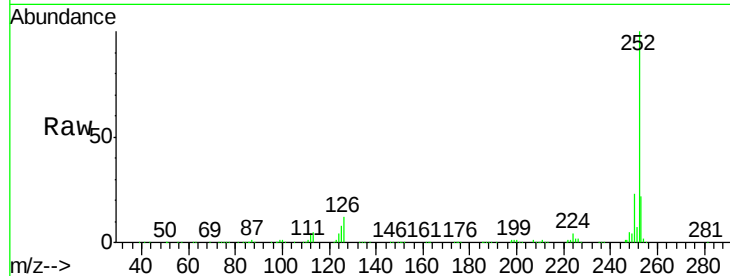
#88
Benzo(k)fluoranthene
Concen: 52.63 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.1	11.2	16.8#

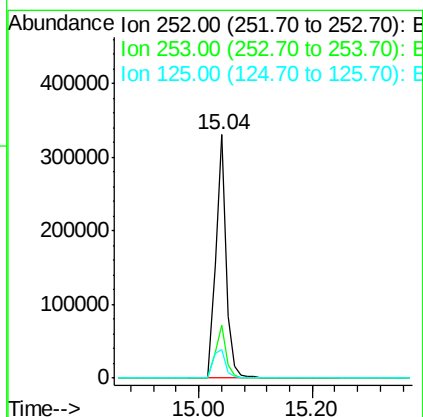
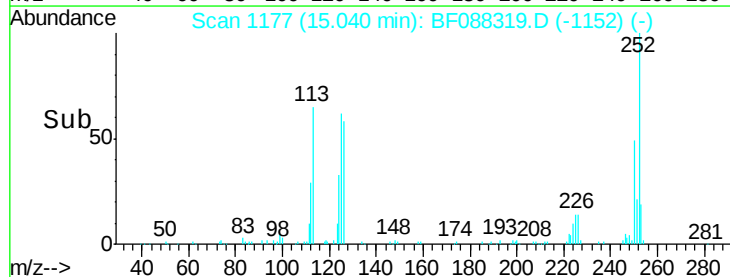
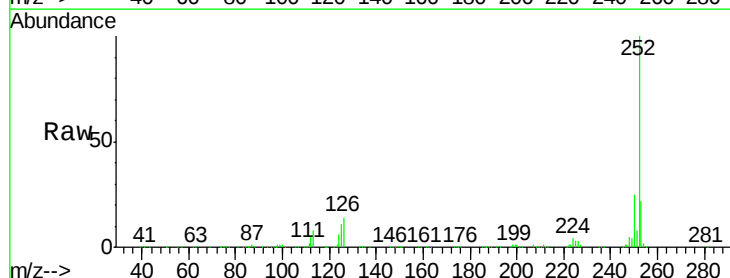
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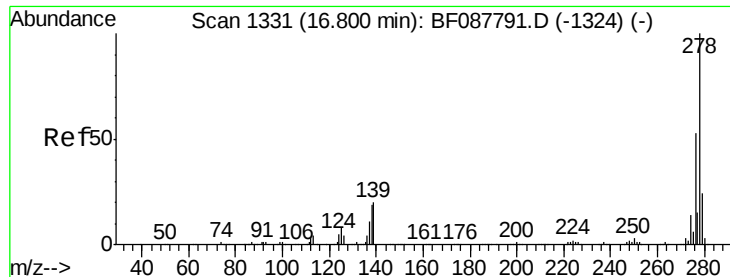
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#89
Benzo(a)pyrene
Concen: 47.58 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.5	12.5	18.7#





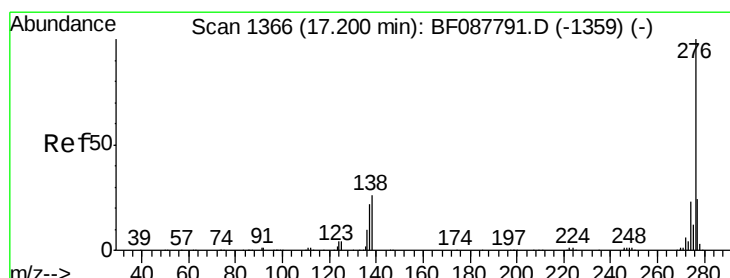
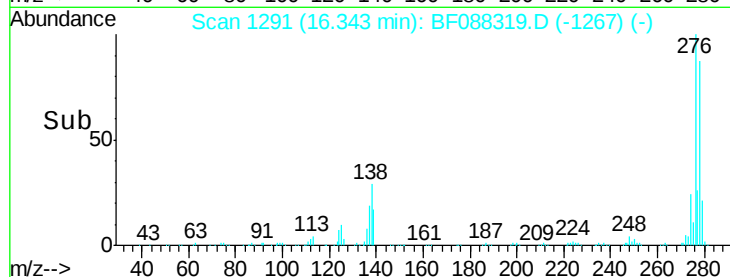
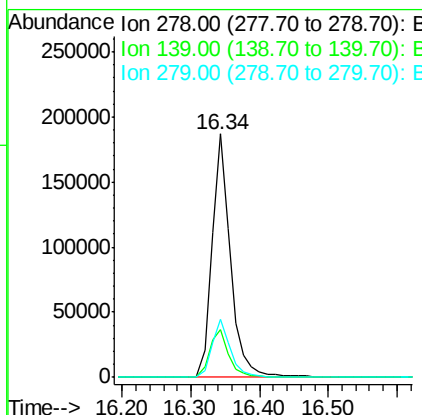
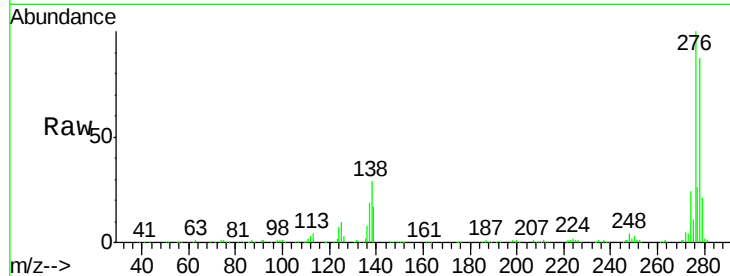
#90
Dibenzo(a,h)anthracene
Concen: 43.93 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 43.16 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.03 min
Lab File: BF088319.D
Acq: 24 Jun 2016 7:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	28.4	21.4	32.2

