

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087331.D
 Acq On : 24 May 2016 8:59
 Operator : UM/SJ
 Sample : H3168-08MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Manual Integrations
 APPROVED

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 5/24/2016 7:39:38 PM

Quant Time: May 24 18:56:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135684	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	568138	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	269342	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	487572	20.00	ng	0.00
75) Chrysene-d12	18.56	240	346651	20.00	ng	0.00
86) Perylene-d12	20.23	264	264081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	983024	127.31	ng	0.02
7) Phenol-d6	7.16	99	1246504	119.47	ng	0.00
23) Nitrobenzene-d5	8.54	82	881001	78.15	ng	0.00
41) 2,4,6-Tribromophenol	13.78	330	289036	111.67	ng	0.00
44) 2-Fluorobiphenyl	11.43	172	1394527	72.99	ng	0.00
78) Terphenyl-d14	17.21	244	1182627	72.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	119017	29.21	ng	# 66
3) Pyridine	2.62	79	319260	35.84	ng	# 55
4) n-Nitrosodimethylamine	2.59	42	275182	40.09	ng	# 51
6) Aniline	7.12	93	299263	22.17	ng	93
8) 2-Chlorophenol	7.30	128	395997	41.12	ng	94
9) Benzaldehyde	6.94	77	95170	16.52	ng	98
10) Phenol	7.19	94	494026	43.36	ng	88
11) bis(2-Chloroethyl)ether	7.26	93	372883	40.44	ng	88
12) 1,3-Dichlorobenzene	7.51	146	400484m	38.13	ng	
13) 1,4-Dichlorobenzene	7.64	146	412583	38.26	ng	97
14) 1,2-Dichlorobenzene	7.87	146	396690	39.77	ng	99
15) Benzyl Alcohol	7.91	79	348994	45.88	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.11	45	797325	38.43	ng	96
17) 2-Methylphenol	8.12	107	322932	41.85	ng	# 90
18) Hexachloroethane	8.39	117	152080	37.81	ng	97
19) n-Nitroso-di-n-propylamine	8.33	70	319722	41.09	ng	# 70
20) 3+4-Methylphenols	8.39	107	422150	45.25	ng	# 60
22) Acetophenone	8.30	105	577864	42.57	ng	# 97
24) Nitrobenzene	8.56	77	467508	39.29	ng	98
25) Isophorone	8.95	82	803847	39.76	ng	97
26) 2-Nitrophenol	9.06	139	199777	41.07	ng	# 72
27) 2,4-Dimethylphenol	9.20	122	329507	39.02	ng	# 84
28) bis(2-Chloroethoxy)methane	9.34	93	495291	43.49	ng	99
29) 2,4-Dichlorophenol	9.48	162	327250	43.00	ng	98
30) 1,2,4-Trichlorobenzene	9.56	180	342730	39.34	ng	96
31) Naphthalene	9.68	128	1135614	39.89	ng	100
32) Benzoic acid	9.47	122	47849	15.49	ng	# 71
33) 4-Chloroaniline	9.84	127	126185	12.03	ng	94
34) Hexachlorobutadiene	9.88	225	199368	37.65	ng	98
35) Caprolactam	10.44	113	92331m	41.57	ng	
36) 4-Chloro-3-methylphenol	10.68	107	351861	40.90	ng	88
37) 2-Methylnaphthalene	10.81	142	729365	41.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	319464	37.05	ng	98
40) Hexachlorocyclopentadiene	11.05	237	224412	65.23	ng	97

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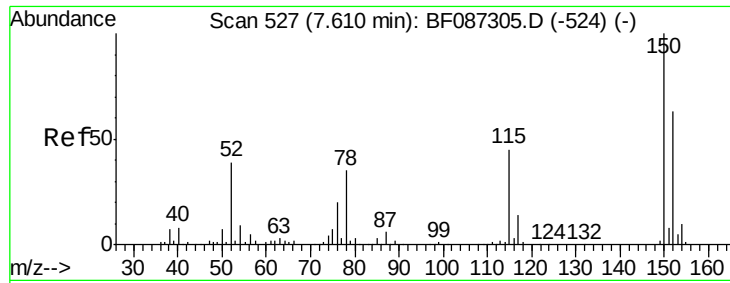
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.30	196	198675	39.92	ng	97
43) 2,4,5-Trichlorophenol	11.39	196	205340	40.52	ng #	93
45) 1,1'-Biphenyl	11.58	154	883859	38.98	ng	97
46) 2-Chloronaphthalene	11.59	162	658631	37.96	ng	92
47) 2-Nitroaniline	11.80	65	248279	39.72	ng #	74
48) Acenaphthylene	12.25	152	1057835	38.51	ng	99
49) Dimethylphthalate	12.14	163	955780	44.30	ng	99
50) 2,6-Dinitrotoluene	12.23	165	176712	40.65	ng #	86
51) Acenaphthene	12.54	154	640578	37.94	ng	98
52) 3-Nitroaniline	12.49	138	106195	23.80	ng #	90
53) 2,4-Dinitrophenol	12.68	184	111626	52.61	ng #	80
54) Dibenzofuran	12.82	168	944529	41.32	ng	98
55) 4-Nitrophenol	12.87	139	170242	79.98	ng #	64
56) 2,4-Dinitrotoluene	12.88	165	226409	38.96	ng #	91
57) Fluorene	13.37	166	736828	37.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	169531	43.49	ng	98
59) Diethylphthalate	13.28	149	791903	37.75	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	357162	36.95	ng	98
61) 4-Nitroaniline	13.50	138	146141	35.09	ng #	74
62) Azobenzene	13.66	77	925414	42.52	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	113041	36.46	ng #	39
65) n-Nitrosodiphenylamine	13.61	169	632526	40.11	ng	99
66) 4-Bromophenyl-phenylether	14.18	248	201010	37.68	ng	99
67) Hexachlorobenzene	14.25	284	208487	37.37	ng #	67
68) Atrazine	14.53	200	206233	41.03	ng	95
69) Pentachlorophenol	14.62	266	135056	78.06	ng	96
70) Phenanthrene	14.91	178	1039951	38.51	ng	100
71) Anthracene	15.01	178	1056810	38.74	ng	99
72) Carbazole	15.29	167	963491	41.41	ng	99
73) Di-n-butylphthalate	15.85	149	1184180	39.35	ng #	98
74) Fluoranthene	16.66	202	1005253	37.12	ng	97
76) Benzidine	16.89	184	267657	30.01	ng	97
77) Pyrene	16.97	202	1012878	40.59	ng	100
79) Butylbenzylphthalate	17.87	149	454701	41.09	ng #	74
80) Benzo(a)anthracene	18.55	228	765348	38.81	ng	99
81) 3,3'-Dichlorobenzidine	18.53	252	172275	15.82	ng	99
82) Chrysene	18.59	228	732507	37.43	ng	100
83) Bis(2-ethylhexyl)phthalate	18.62	149	746221	46.21	ng	97
84) Di-n-octyl phthalate	19.38	149	997548	40.51	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.49	276	620801	39.57	ng	95
87) Benzo(b)fluoranthene	19.82	252	589893m	35.07	ng	
88) Benzo(k)fluoranthene	19.85	252	638115m	44.07	ng	
89) Benzo(a)pyrene	20.17	252	582670	40.05	ng	97
90) Dibenzo(a,h)anthracene	21.50	278	529498	42.67	ng #	93
91) Benzo(g,h,i)perylene	21.85	276	519596	42.44	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

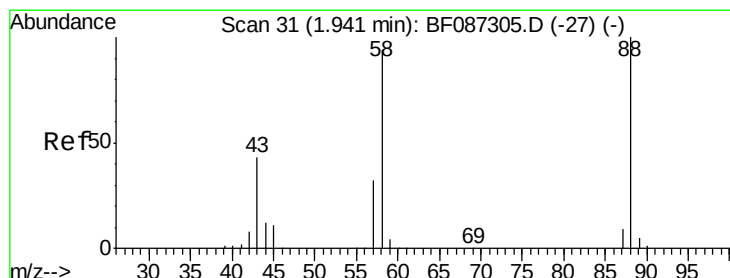
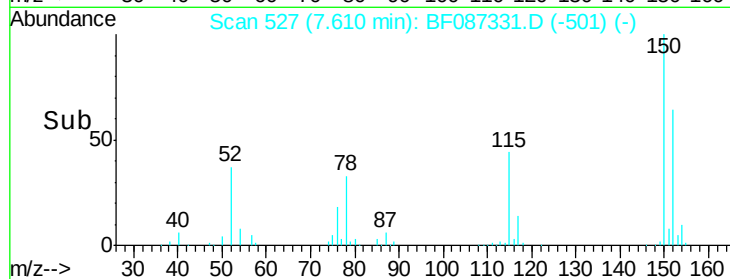
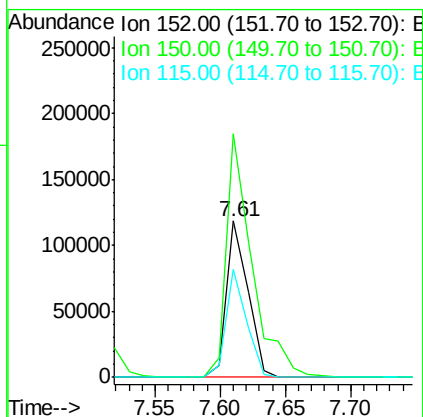
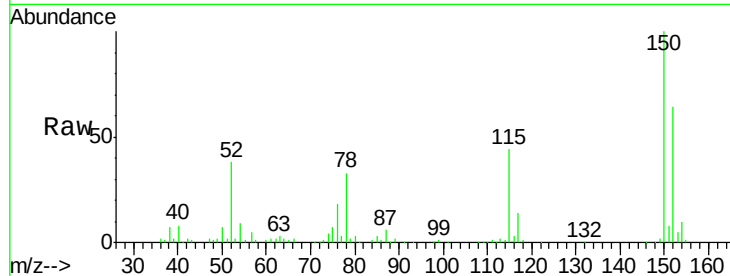
ClientSampleId :

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Tgt Ion:	152	Resp:	135684
Ion Ratio	Lower	Upper	
152	100		
150	156.1	125.8	188.6
115	69.0	51.5	77.3

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#2

1,4-Dioxane

Concen: 29.21 ng

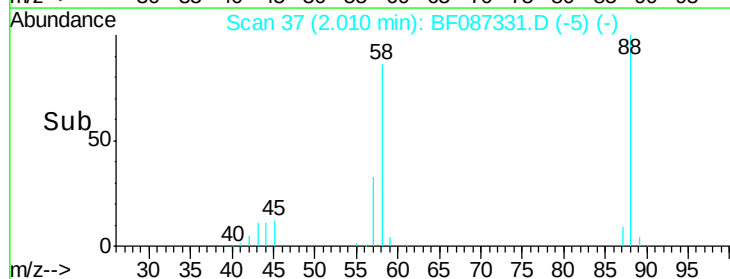
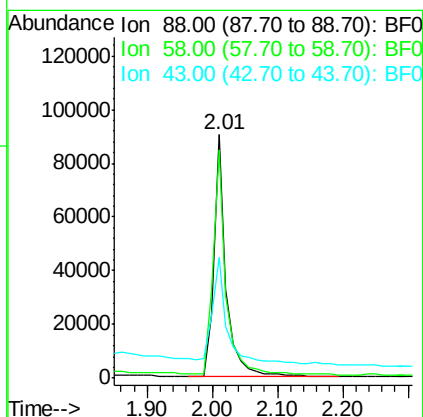
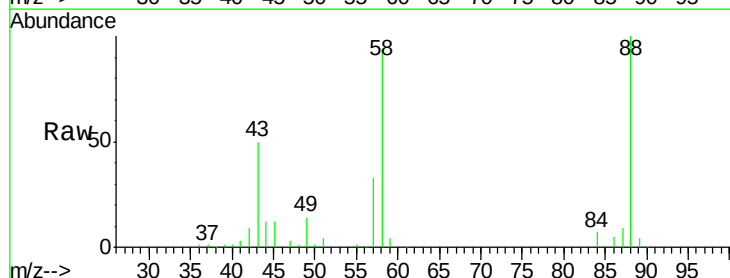
RT: 2.01 min Scan# 37

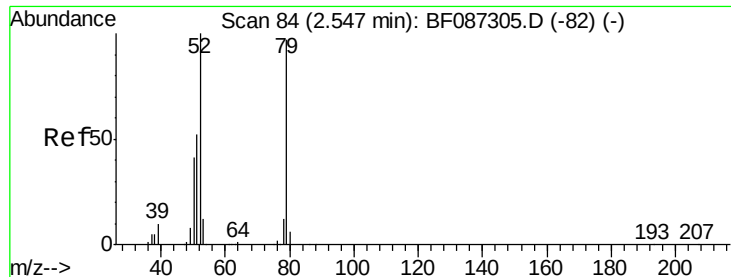
Delta R.T. 0.07 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	88	Resp:	119017
Ion Ratio	Lower	Upper	
88	100		
58	98.9	59.6	89.4#
43	51.7	21.8	32.6#





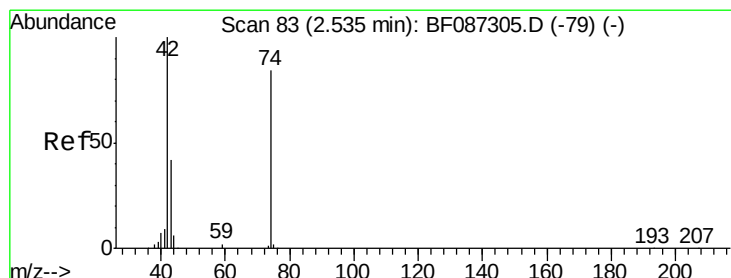
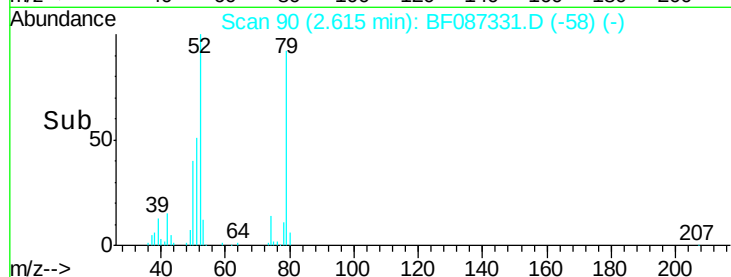
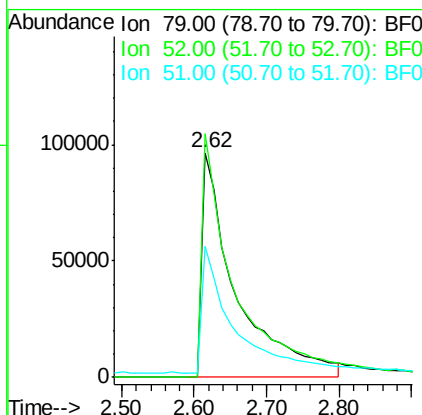
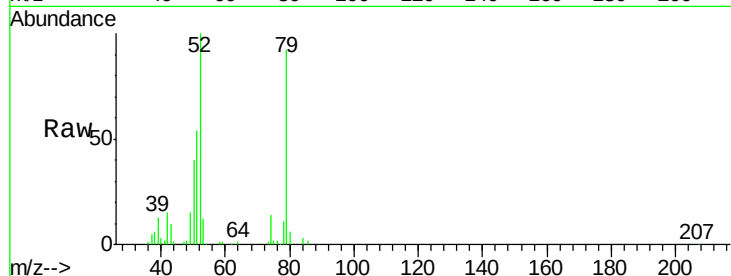
#3
 Pyridine
 Concen: 35.84 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.07 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
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 SB-22-COMPMS

Tgt Ion	Ratio	Resp Lower	Upper
79	100		
52	108.4	55.9	83.9#
51	58.3	28.1	42.1#

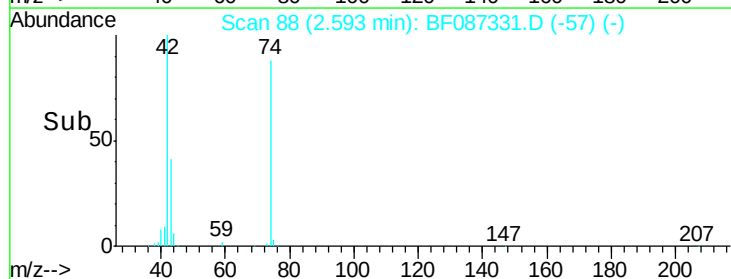
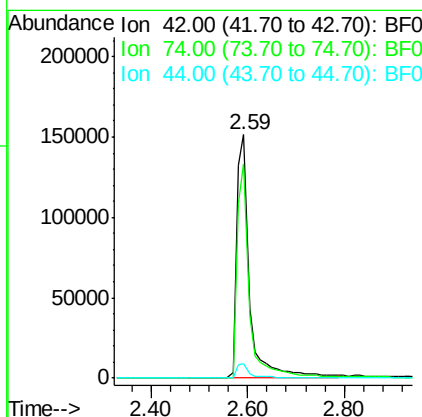
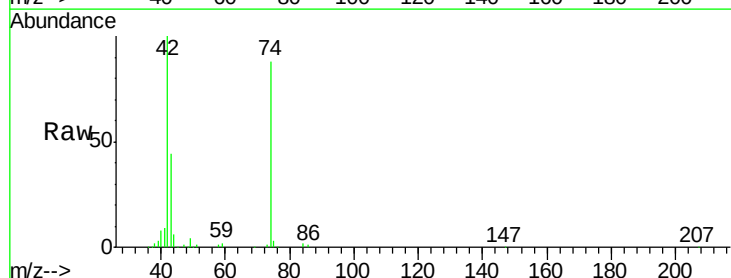
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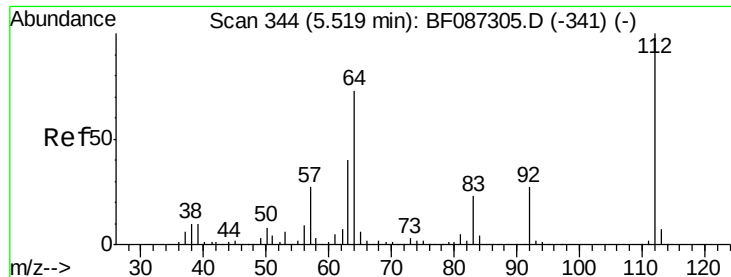
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#4
 n-Nitrosodimethylamine
 Concen: 40.09 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	87.8	123.4	185.0#
44	6.2	5.8	8.6





#5

2-Fluorophenol

Concen: 127.31 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087331.D

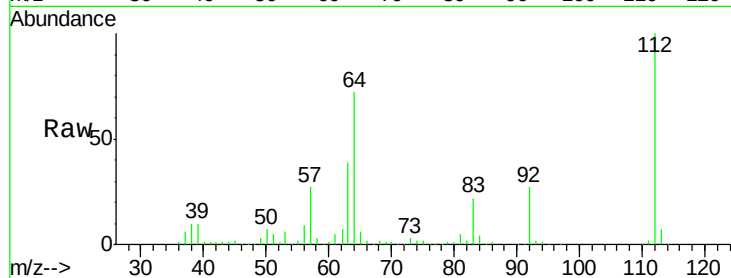
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

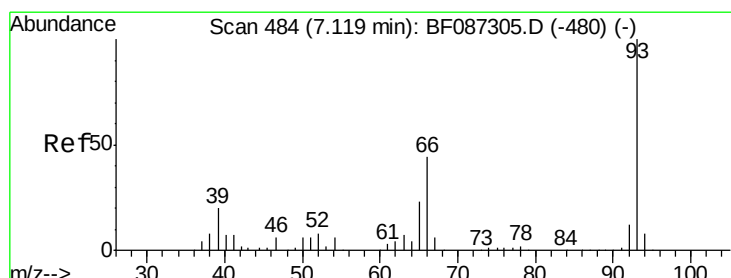
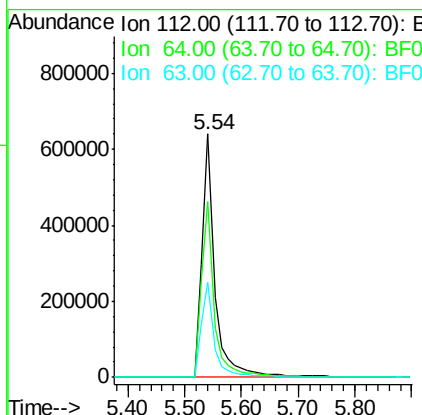
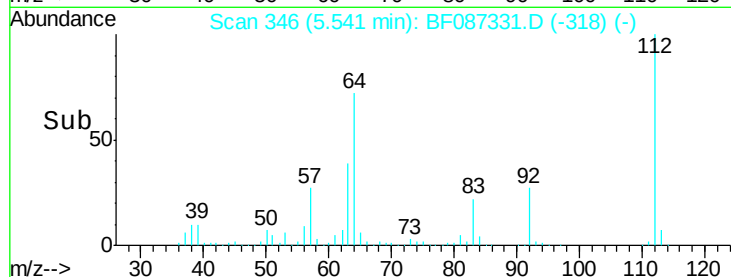
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Tgt Ion:	112	Resp:	983024
Ion Ratio	Lower	Upper	
112	100		
64	72.2	52.1	78.1
63	39.3	25.7	38.5#

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#6

Aniline

Concen: 22.17 ng

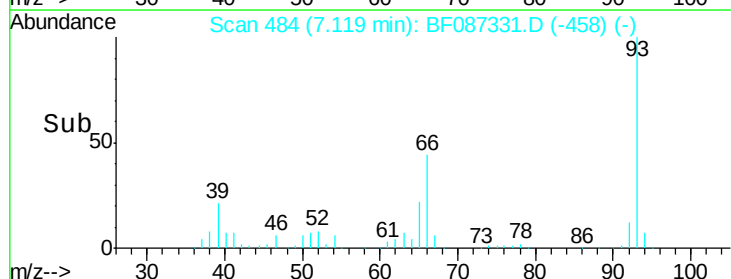
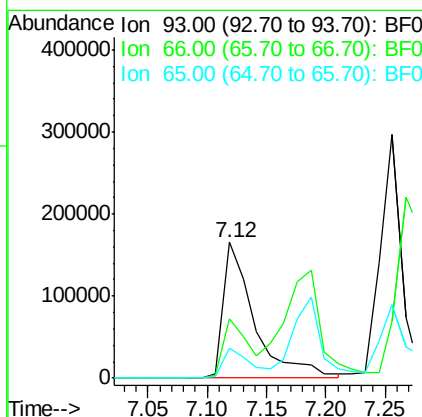
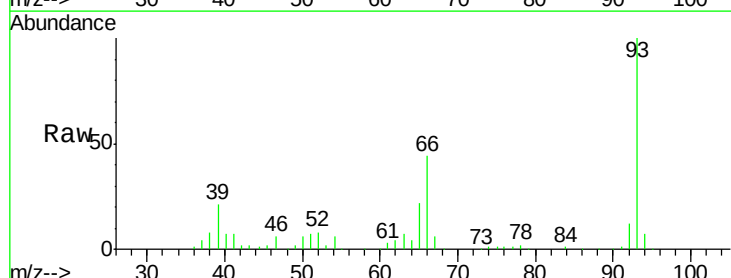
RT: 7.12 min Scan# 484

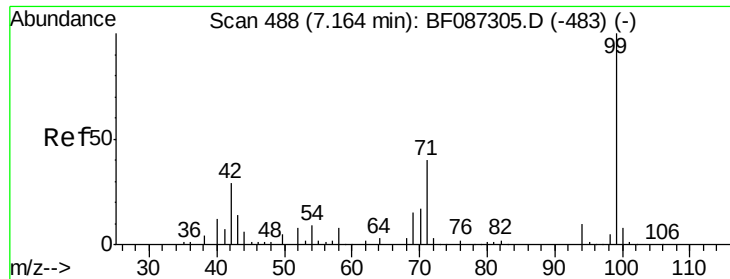
Delta R.T. 0.00 min

Lab File: BF087331.D

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Tgt Ion:	93	Resp:	299263
Ion Ratio	Lower	Upper	
93	100		
66	44.1	39.0	58.6
65	22.0	20.6	31.0





#7

Phenol-d6

Concen: 119.47 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1246504

Ion Ratio Lower Upper

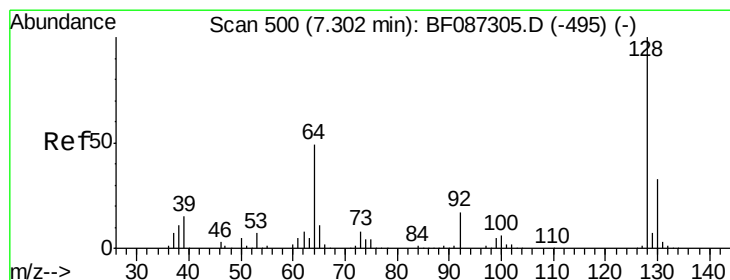
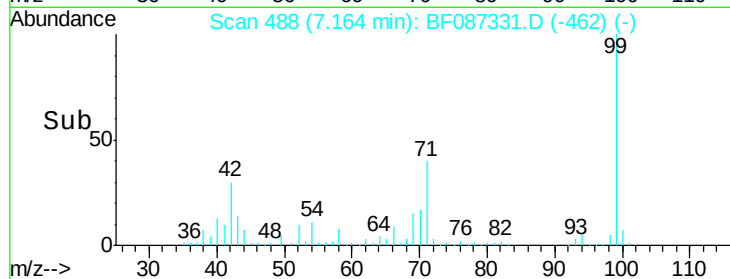
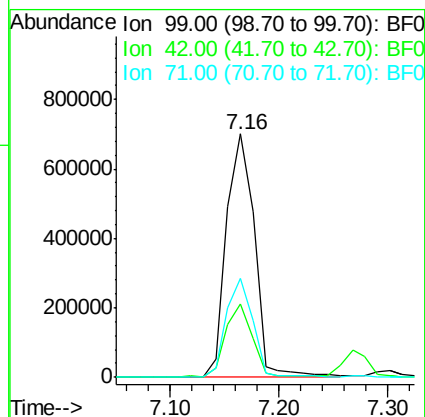
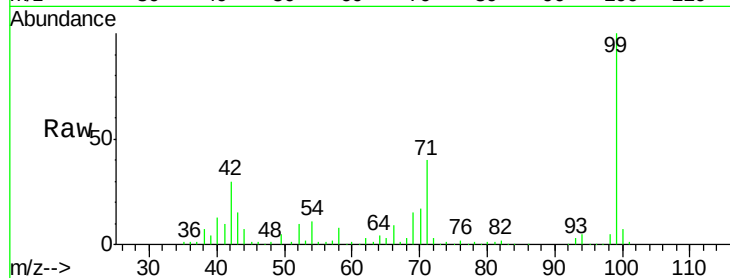
99 100

42 30.2 13.6 20.4#

71 40.4 24.6 36.8#

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#8

2-Chlorophenol

Concen: 41.12 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

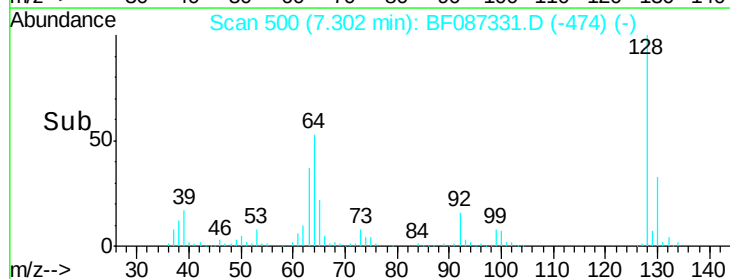
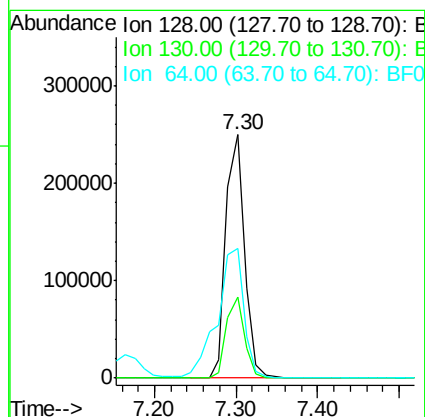
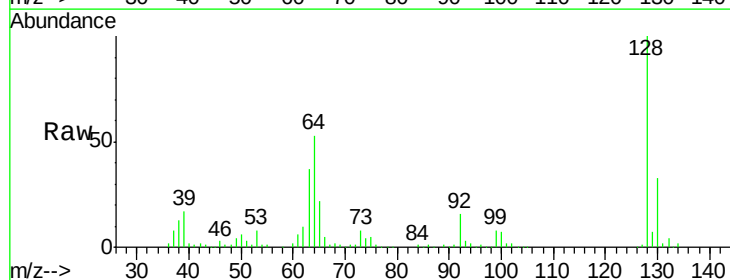
Tgt Ion: 128 Resp: 395997

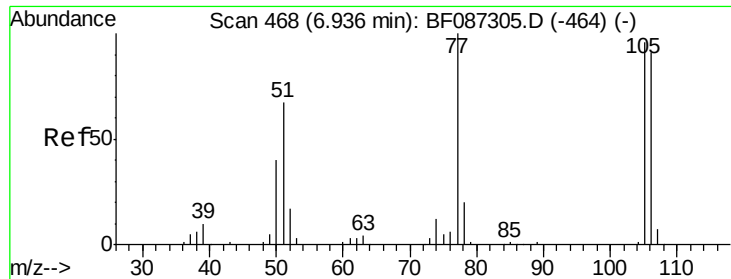
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 53.3 27.3 67.3





#9

Benzaldehyde

Concen: 16.52 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF087331.D

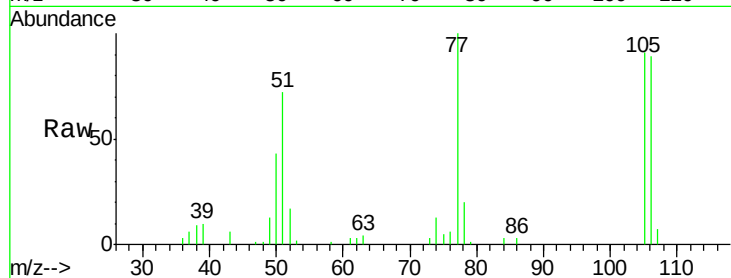
Acq: 24 May 2016 8:59

Instrument :

BNA_F

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Tgt Ion: 77 Resp: 95170

Ion Ratio Lower Upper

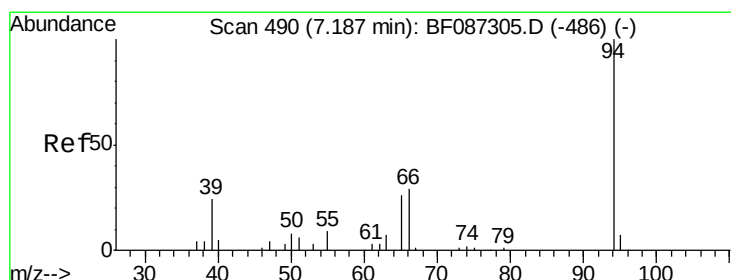
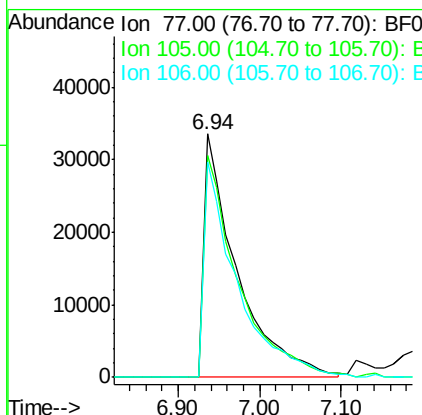
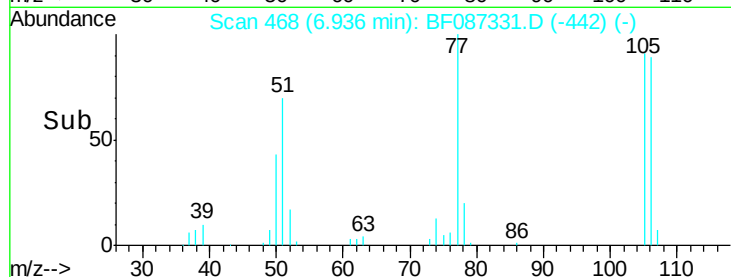
77 100

105 91.1 72.7 112.7

106 88.7 70.8 110.8

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#10

Phenol

Concen: 43.36 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

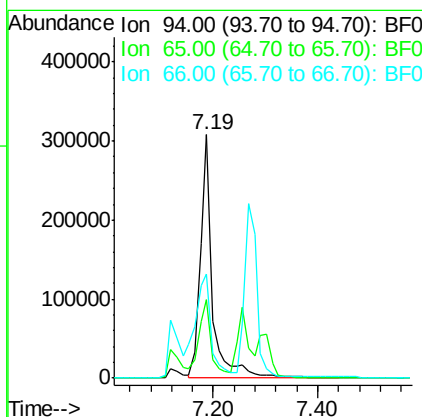
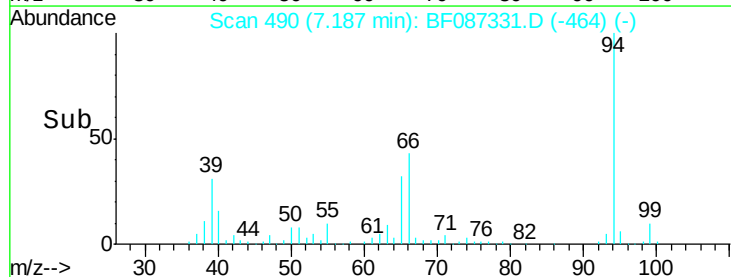
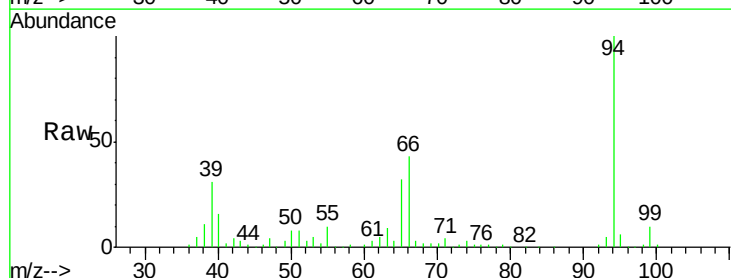
Tgt Ion: 94 Resp: 494026

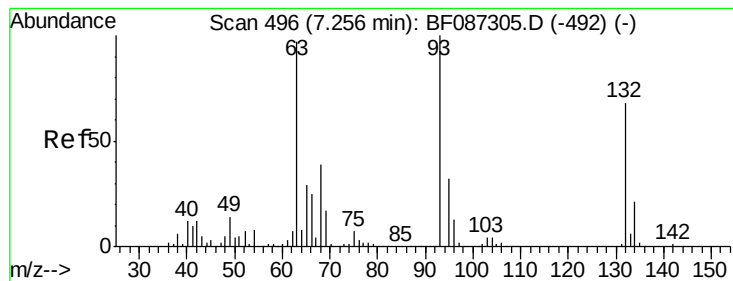
Ion Ratio Lower Upper

94 100

65 32.2 7.2 47.2

66 42.9 14.9 54.9





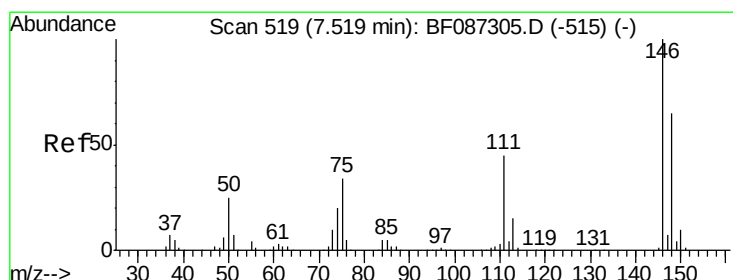
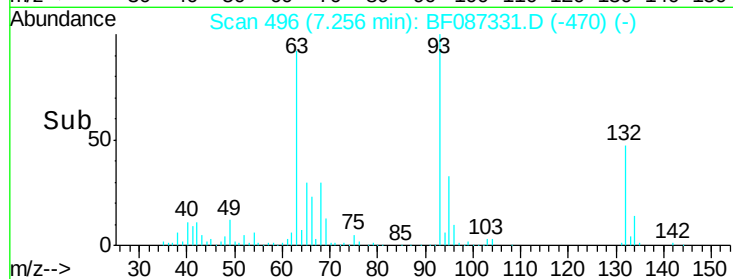
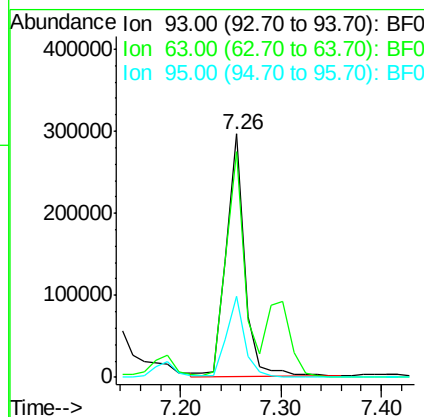
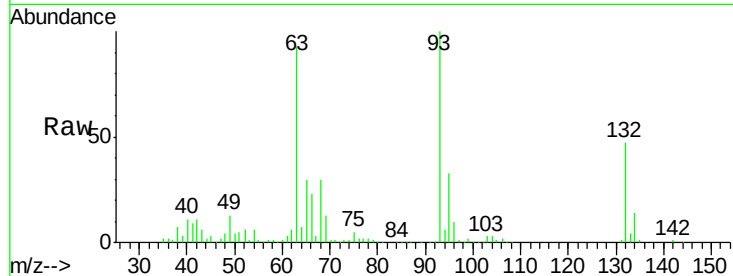
#11
bis(2-Chloroethyl)ether
Concen: 40.44 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	92.5	58.0	98.0
95	33.1	11.9	51.9

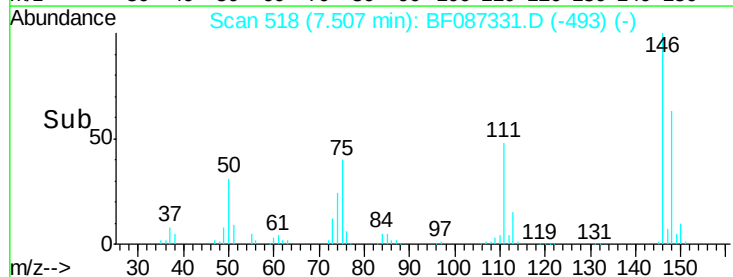
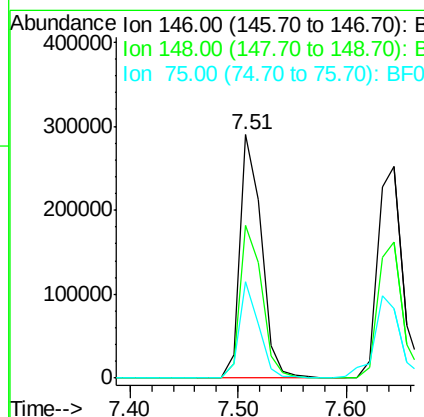
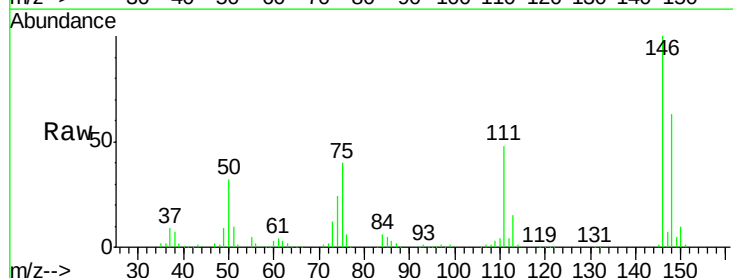
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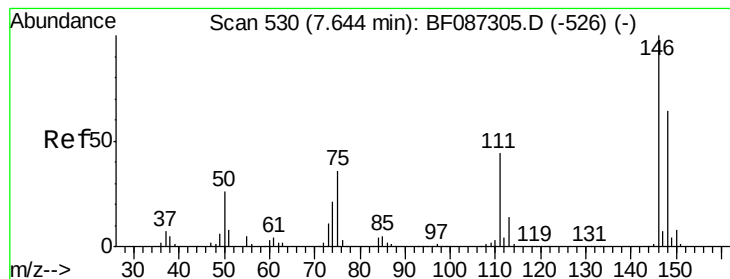
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#12
1,3-Dichlorobenzene
Concen: 38.13 ng m
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.5	52.4	78.6
75	39.5	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

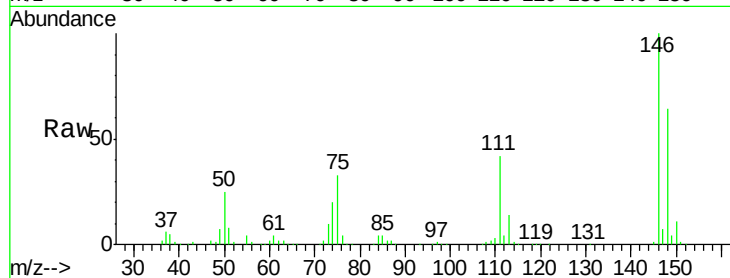
ClientSampleId :

SB-22-COMPMS

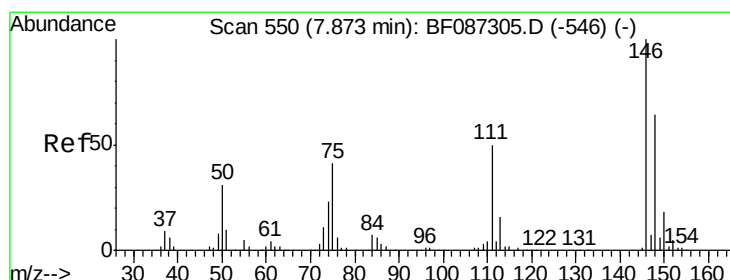
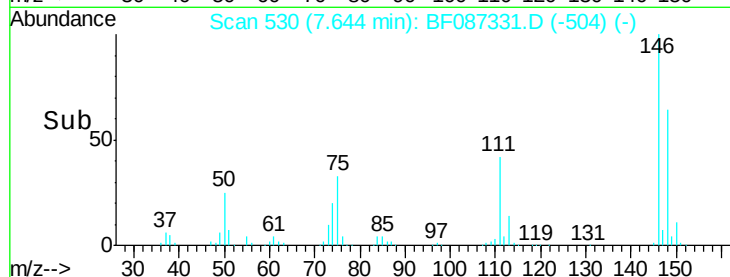
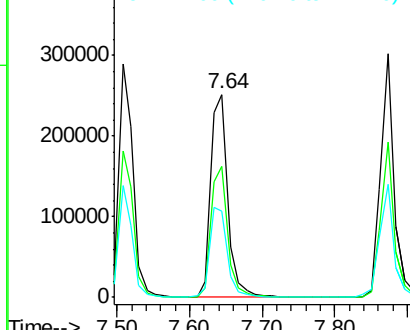
Tgt Ion:	146	Resp:	412583
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.4
111	42.4	30.7	46.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.77 ng

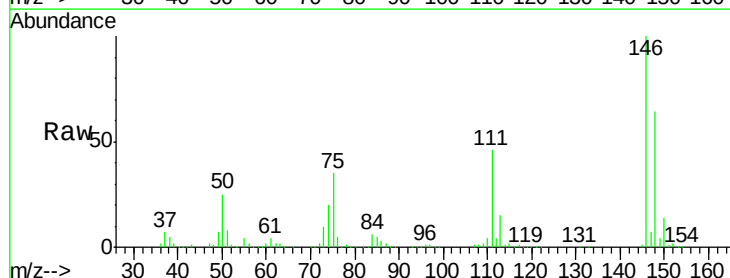
RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

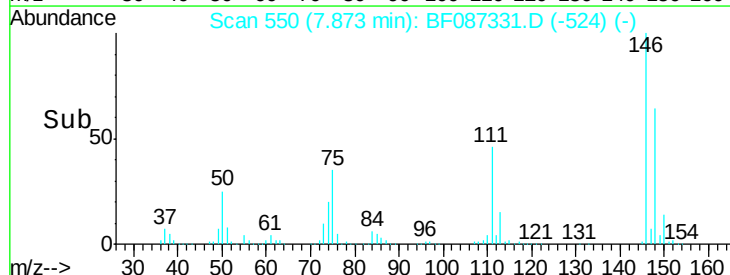
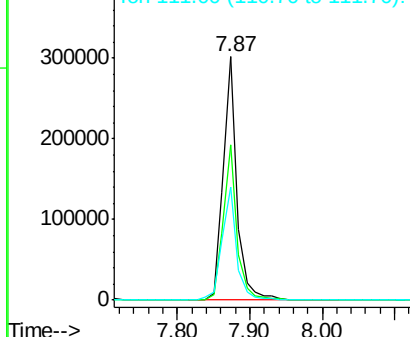
Lab File: BF087331.D

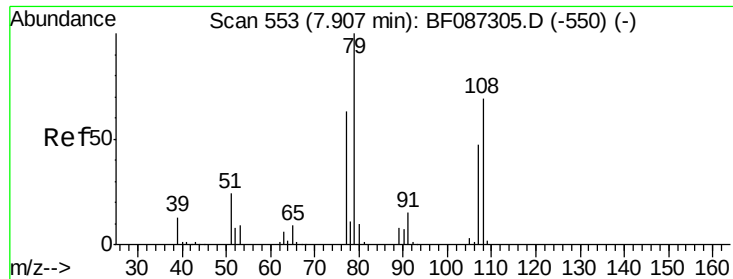
Acq: 24 May 2016 8:59

Tgt Ion:	146	Resp:	396690
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.6
111	46.2	36.2	54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.88 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

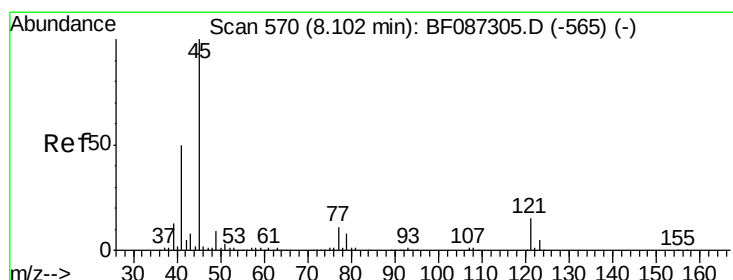
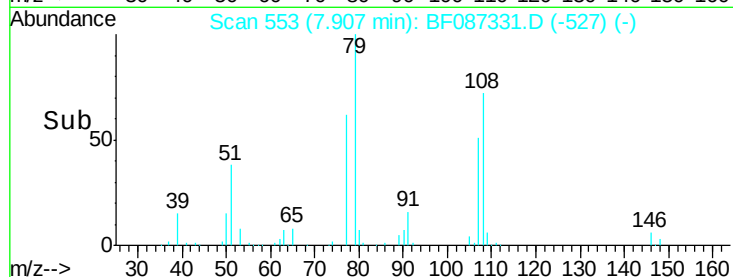
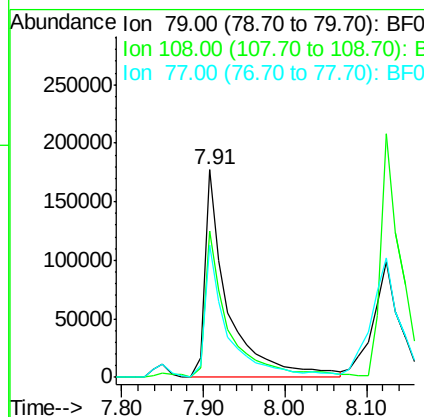
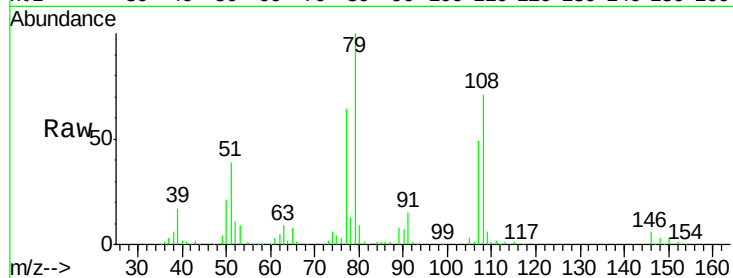
ClientSampleId :

SB-22-COMPMS

Tgt Ion:	79	Resp:	348994
Ion Ratio	Lower	Upper	
79	100		
108	70.7	68.4	102.6
77	63.9	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.43 ng

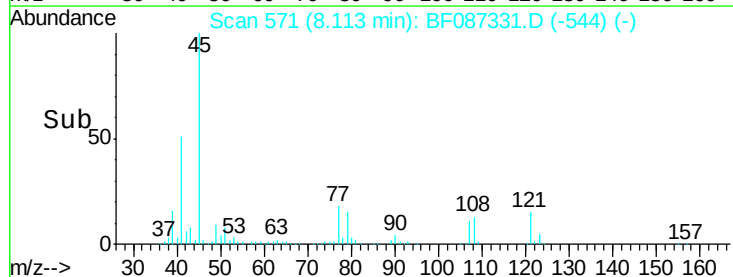
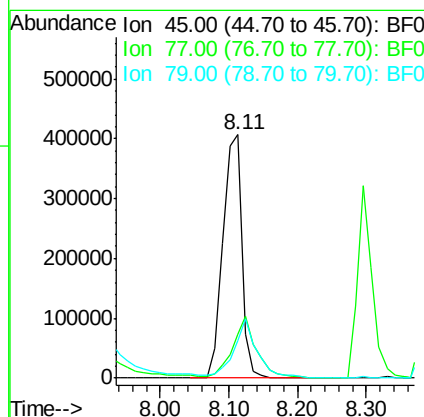
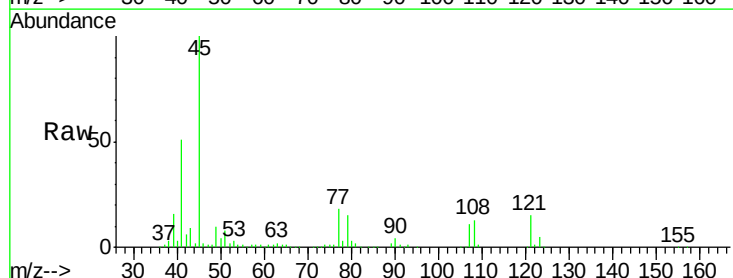
RT: 8.11 min Scan# 571

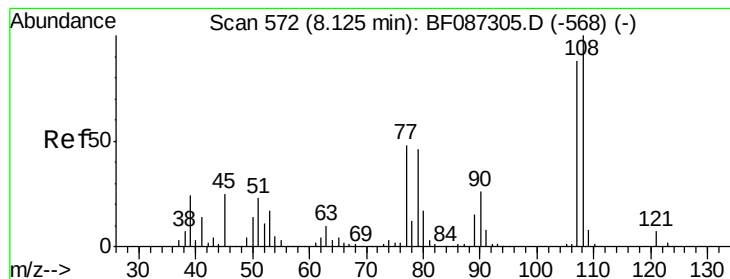
Delta R.T. 0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	45	Resp:	797325
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	36.4
79	15.4	0.0	33.4





#17

2-Methylphenol

Concen: 41.85 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087331.D

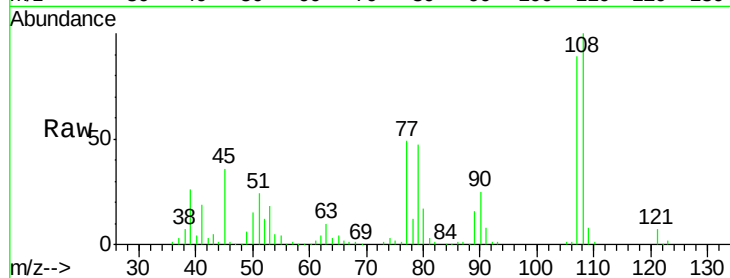
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

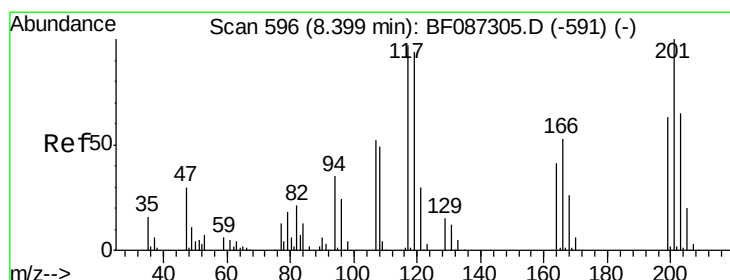
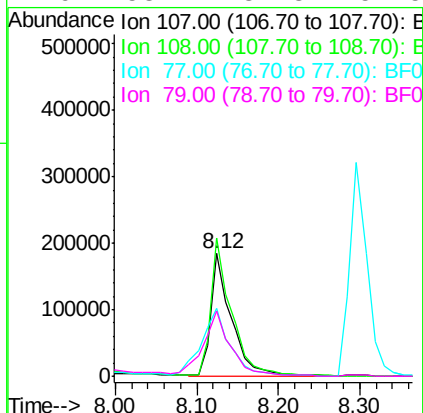
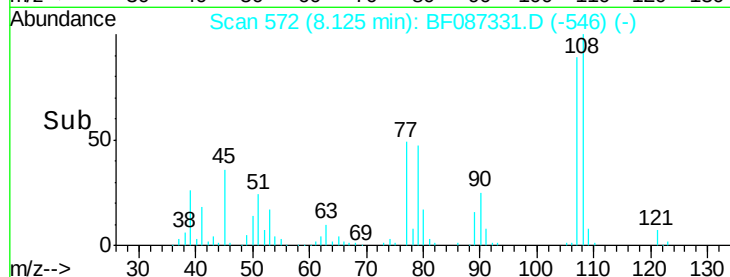
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Tgt Ion:	107	Resp:	322932
Ion Ratio	Lower	Upper	
107	100		
108	112.7	93.7	140.5
77	55.5	33.4	50.0
79	53.4	34.3	51.5

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#18

Hexachloroethane

Concen: 37.81 ng

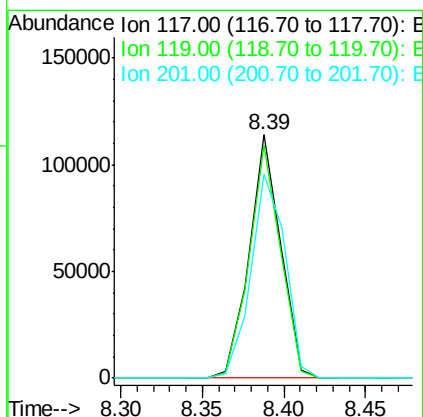
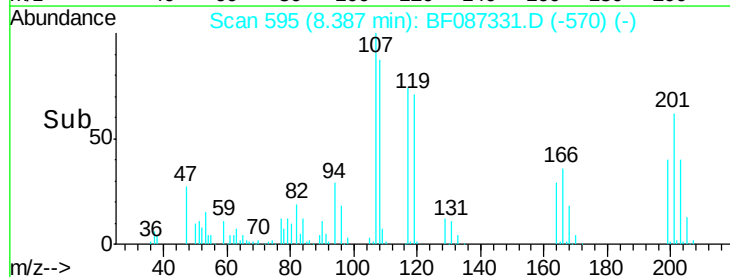
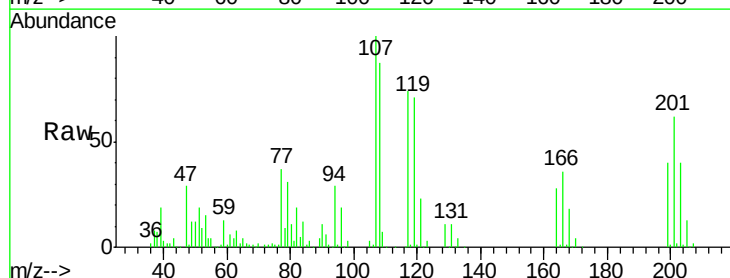
RT: 8.39 min Scan# 595

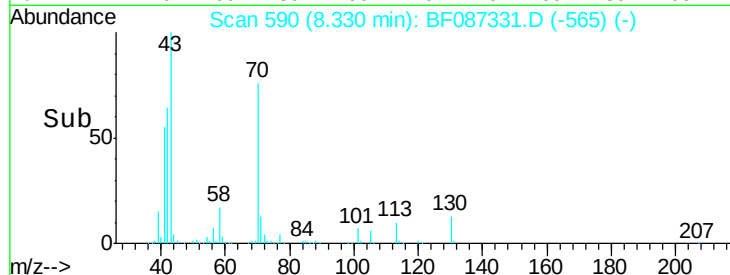
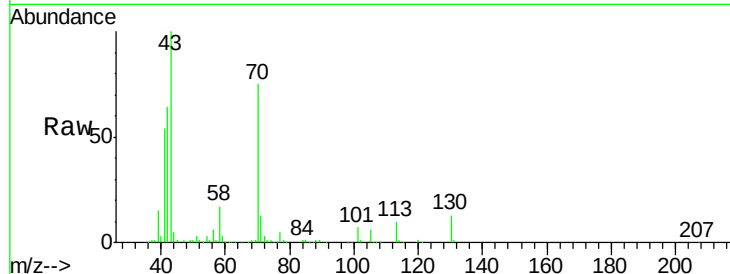
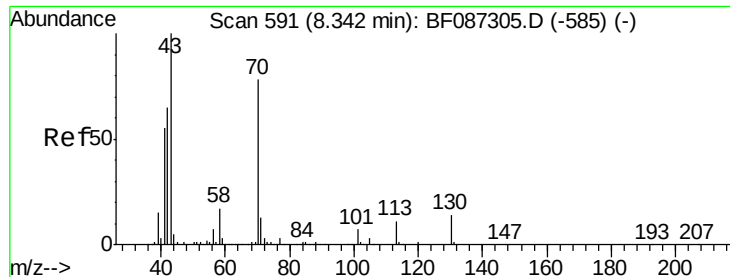
Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	117	Resp:	152080
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.5	114.7
201	83.6	63.0	94.6





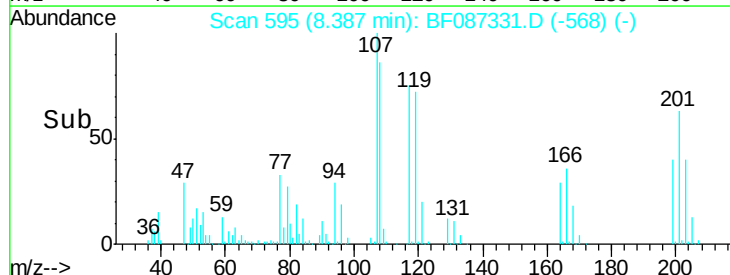
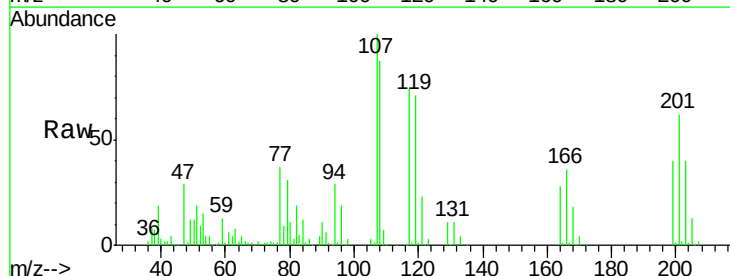
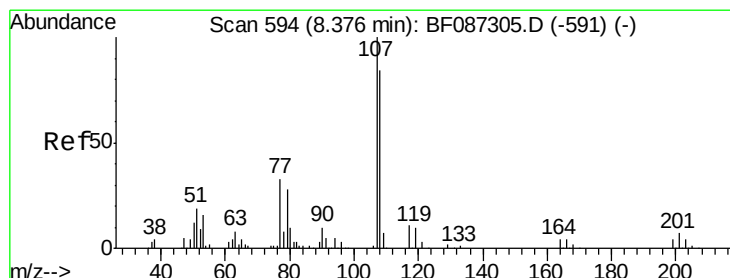
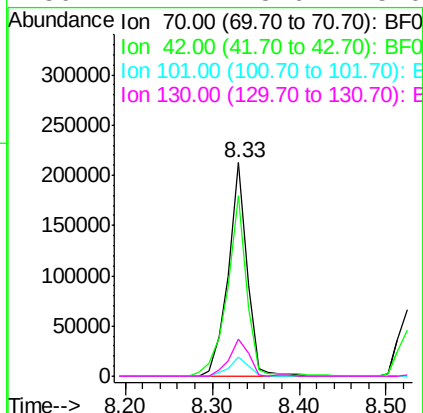
#19
n-Nitroso-di-n-propylamine
Concen: 41.09 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

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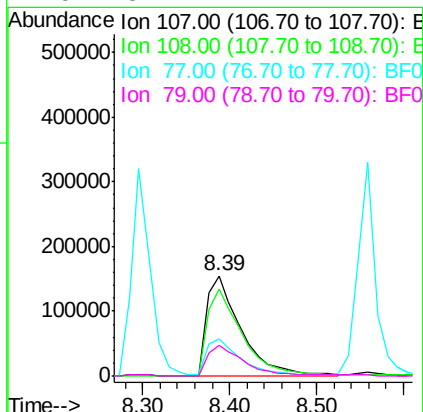
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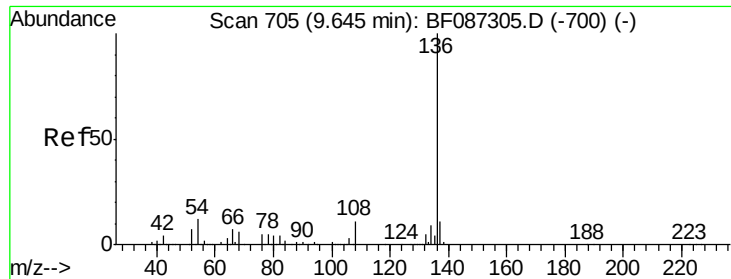
Tgt Ion	Ratio	Lower	Upper
70	100		
42	84.6	43.1	64.7#
101	8.8	8.1	12.1
130	17.1	18.6	28.0#



#20
3+4-Methylphenols
Concen: 45.25 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	37.3	101.6	141.6#
79	31.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

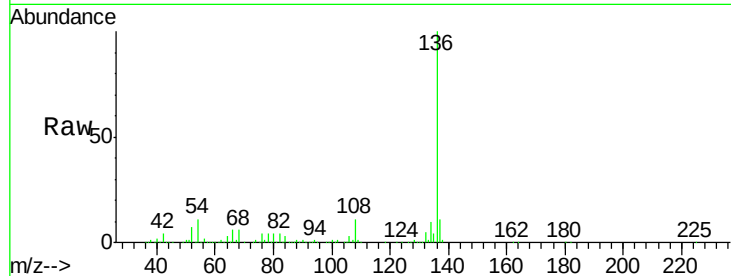
ClientSampleId :

SB-22-COMPMS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.5	5.0	7.4#
68	5.6	4.4	6.6

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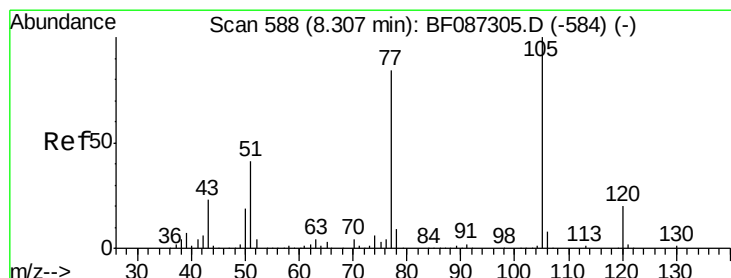
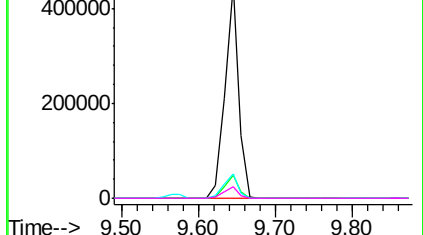
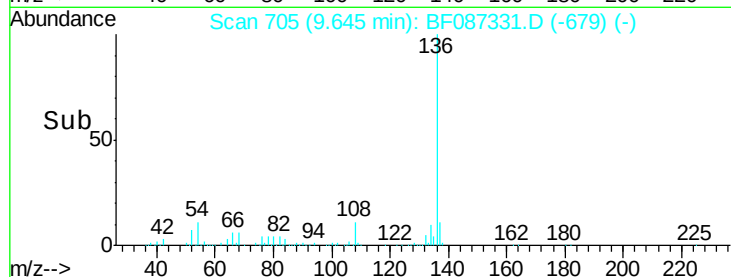


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.57 ng

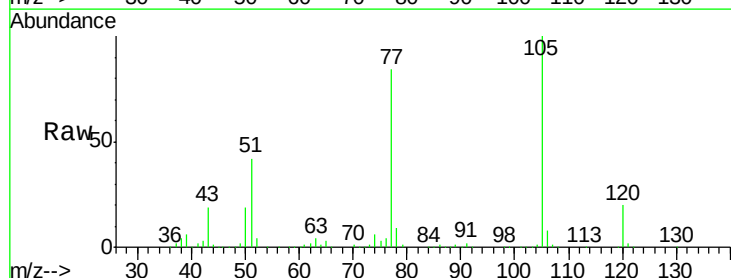
RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.3	4.8	7.2#
51	41.9	32.6	49.0
120	20.1	16.5	24.7

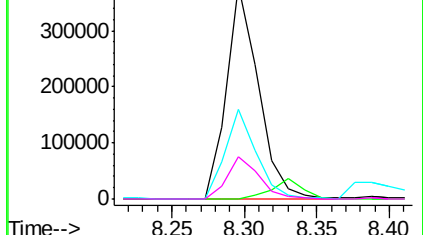
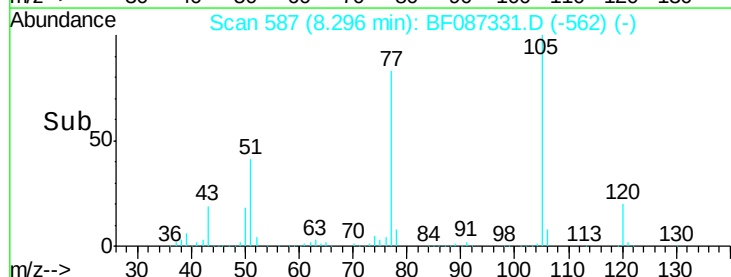


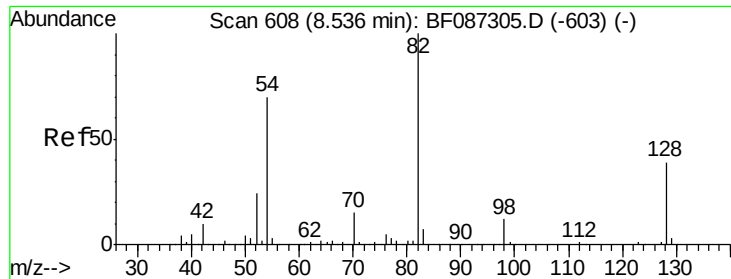
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





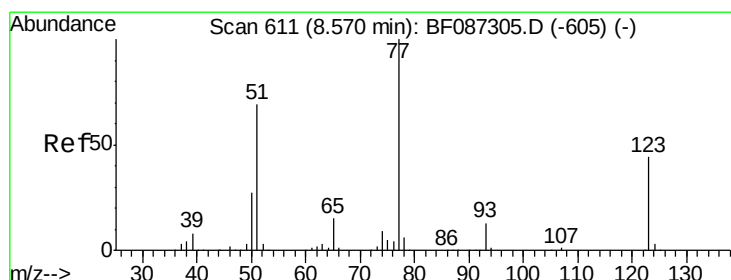
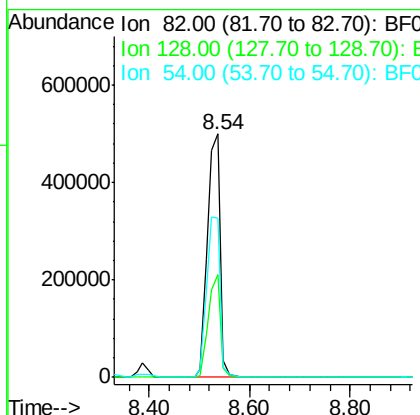
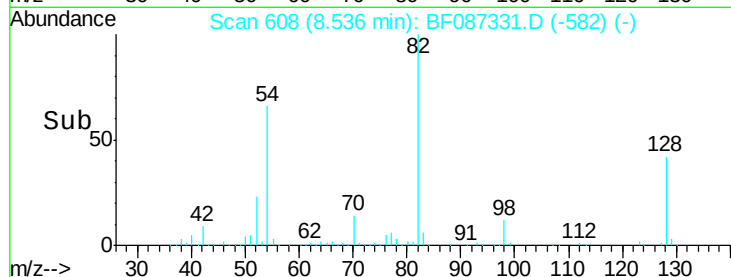
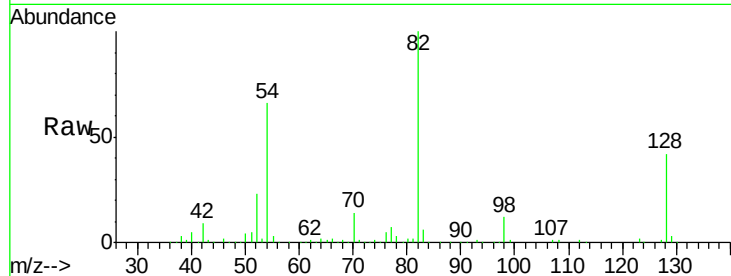
#23
 Nitrobenzene-d5
 Concen: 78.15 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.5	40.6	61.0
54	65.6	38.1	57.1#

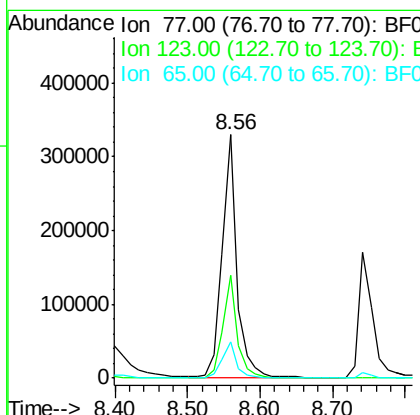
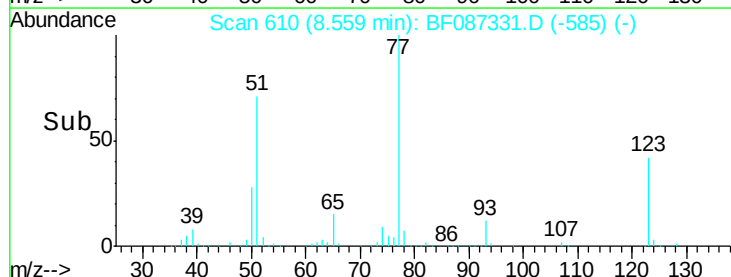
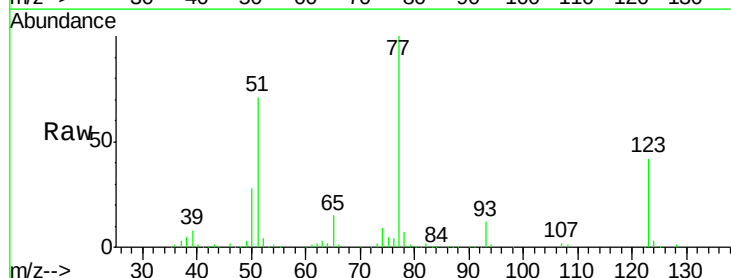
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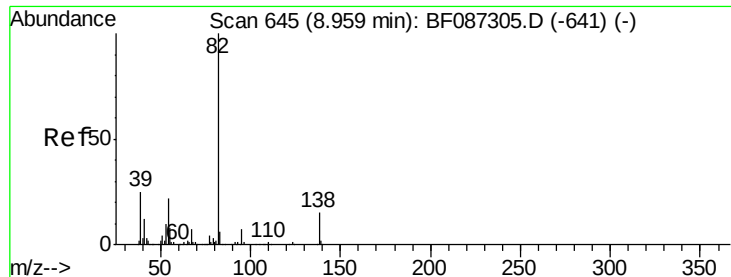
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#24
 Nitrobenzene
 Concen: 39.29 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.0	33.0	49.4
65	14.8	10.8	16.2





#25

Isophorone

Concen: 39.76 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

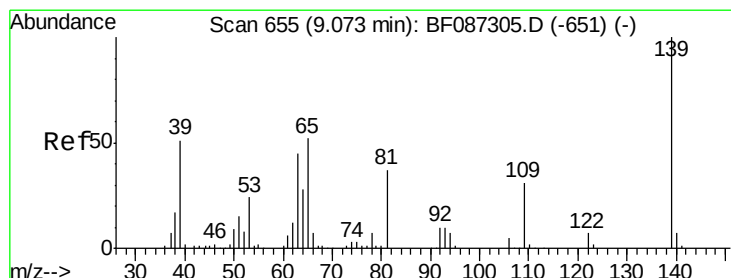
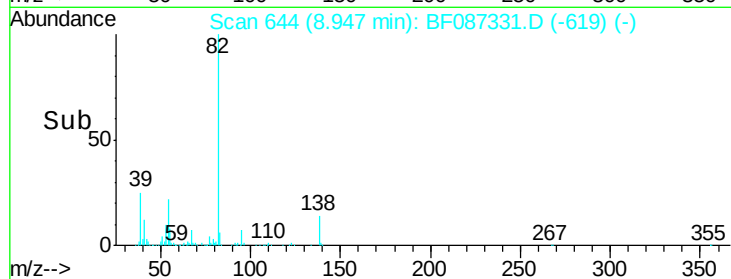
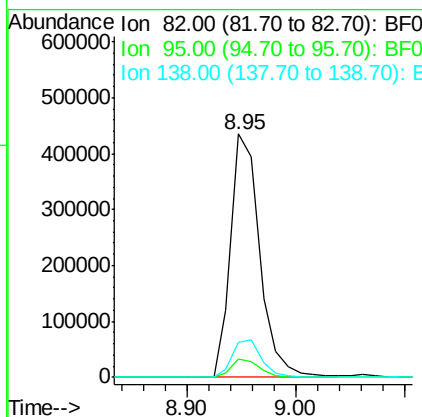
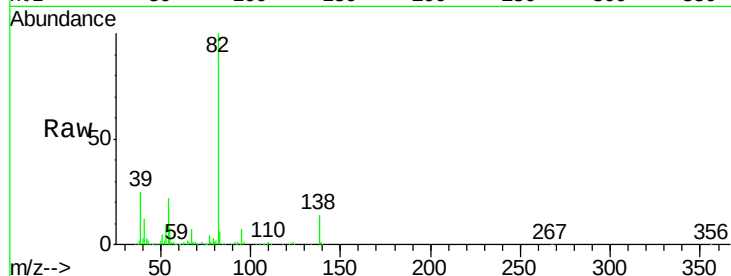
ClientSampleId :

SB-22-COMPMS

Tgt Ion:	82	Resp:	803847
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	14.3	12.4	18.6

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#26

2-Nitrophenol

Concen: 41.07 ng

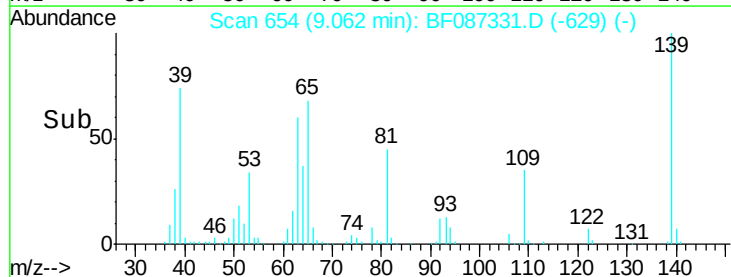
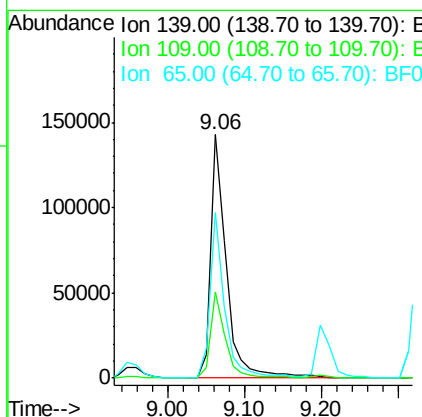
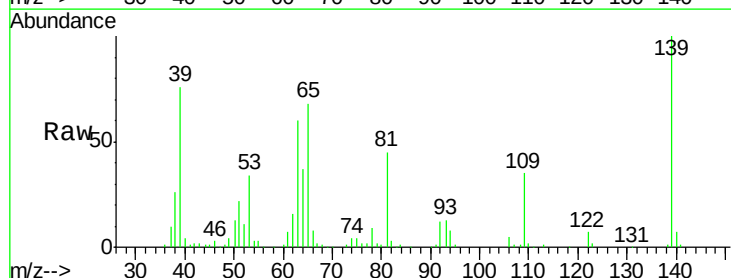
RT: 9.06 min Scan# 654

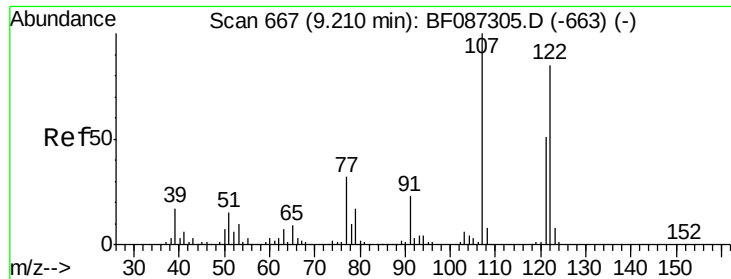
Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	139	Resp:	199777
Ion Ratio	Lower	Upper	
139	100		
109	35.3	19.5	29.3#
65	67.9	37.5	56.3#





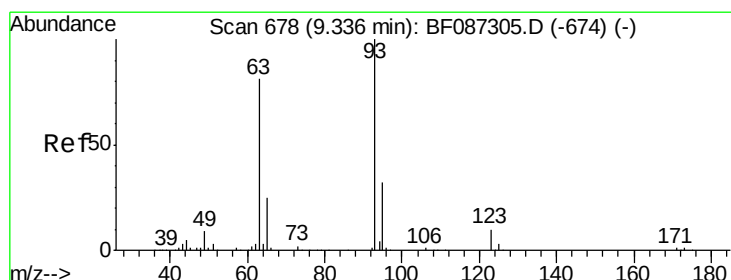
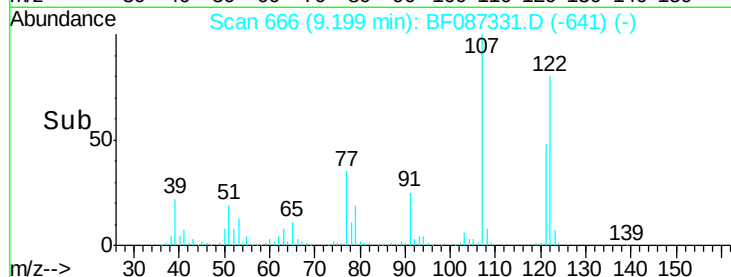
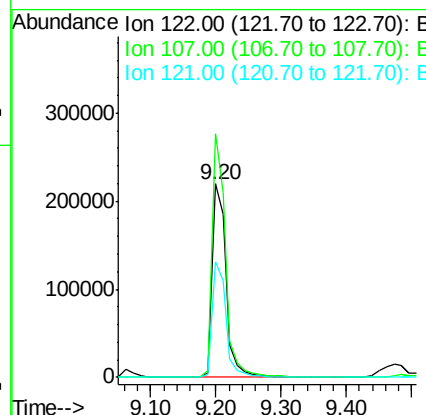
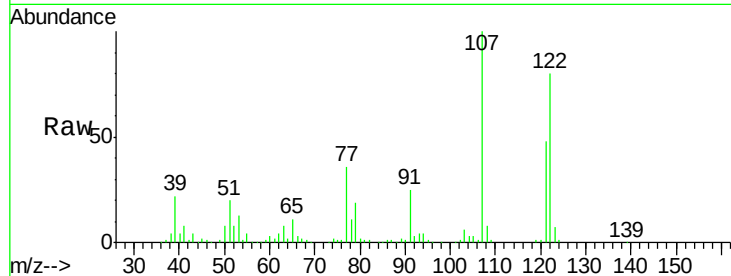
#27
 2,4-Dimethylphenol
 Concen: 39.02 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	329507		
107	125.8	82.0	123.0#	
121	59.9	46.1	69.1	

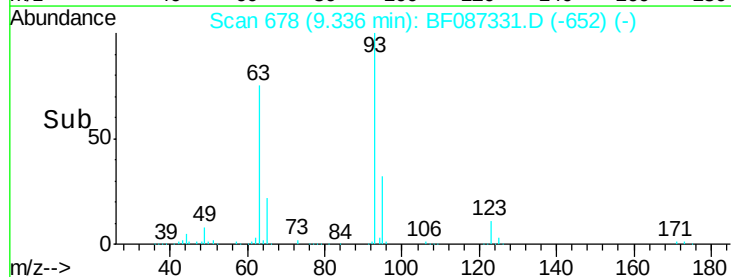
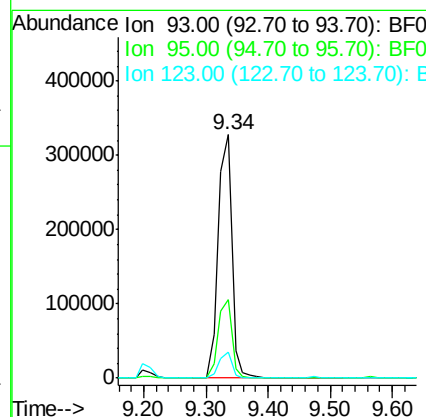
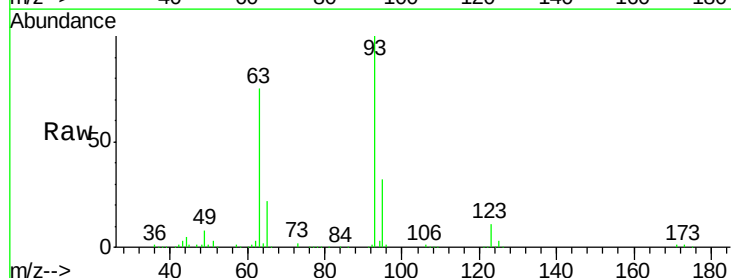
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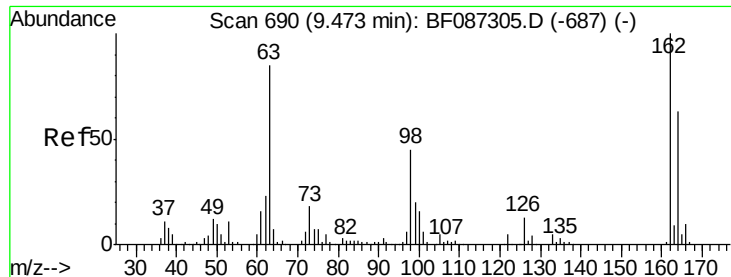
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.49 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495291		
95	32.5	26.0	39.0	
123	10.6	9.5	14.3	





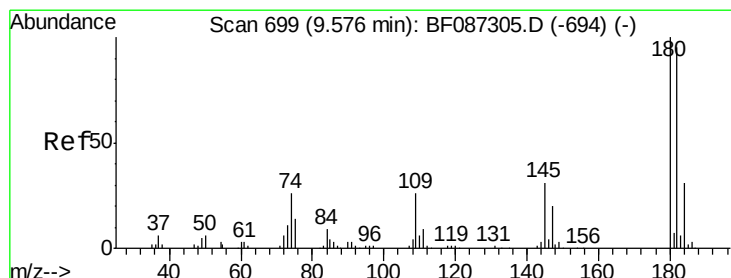
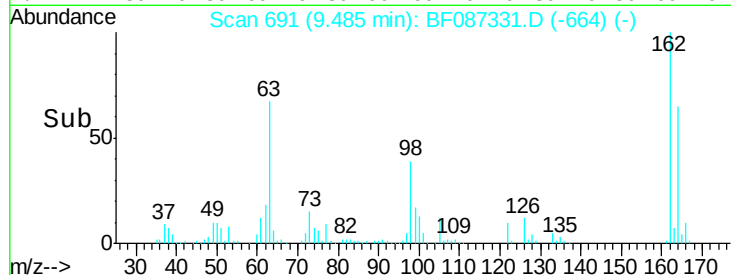
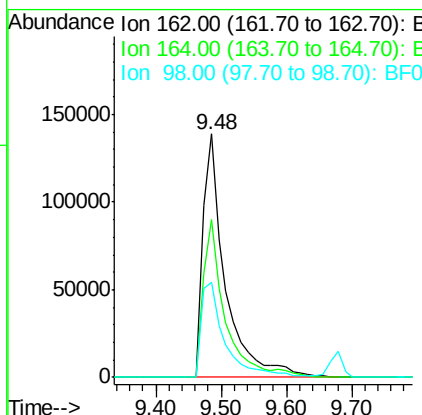
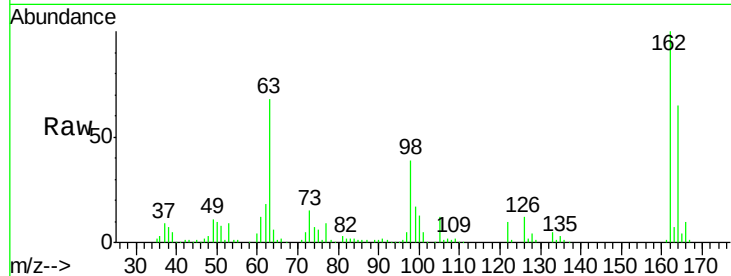
#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion:	162	Resp:	327250
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	39.0	19.0	59.0

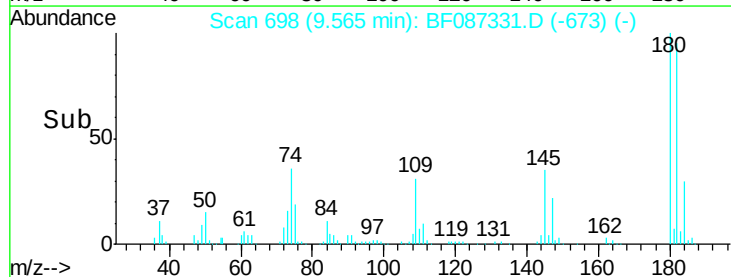
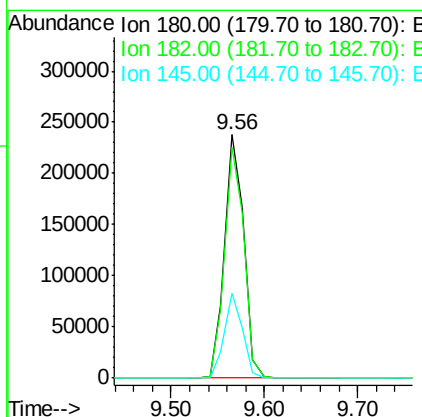
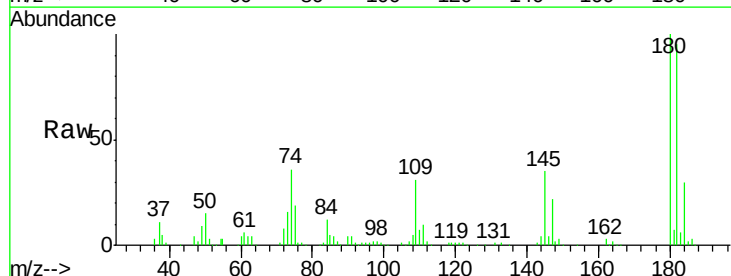
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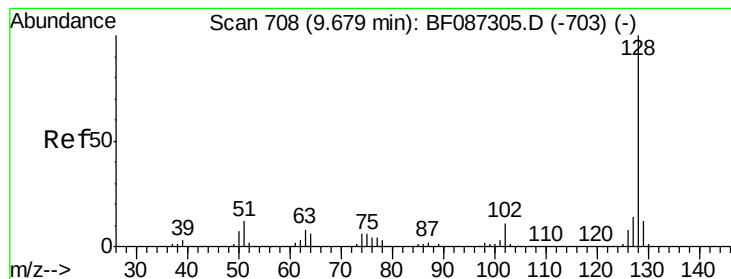
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.34 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:	180	Resp:	342730
Ion Ratio	Lower	Upper	
180	100		
182	94.8	78.0	117.0
145	34.7	24.2	36.2





#31

Naphthalene

Concen: 39.89 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087331.D

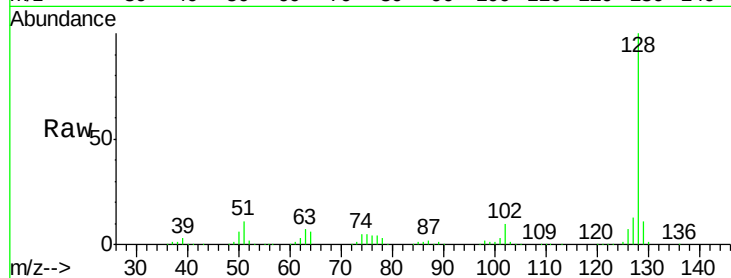
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS



Tgt Ion:128 Resp: 1135614

Ion Ratio Lower Upper

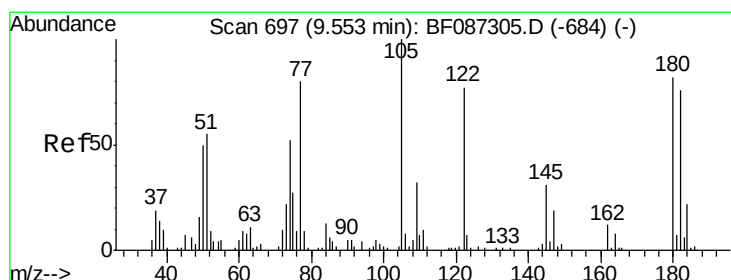
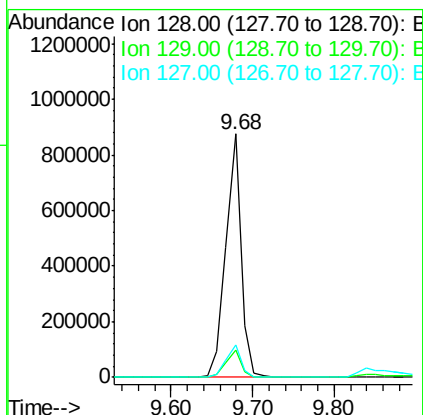
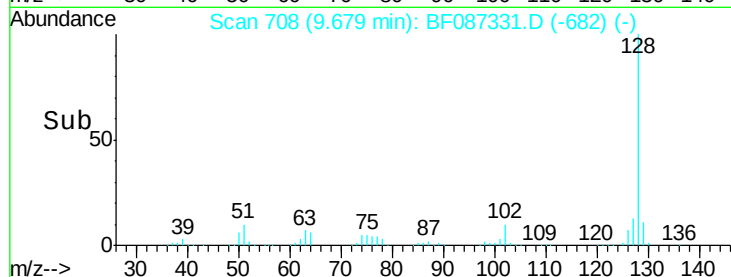
128 100

129 11.2 8.6 13.0

127 13.5 10.8 16.2

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#32

Benzoic acid

Concen: 15.49 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.08 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

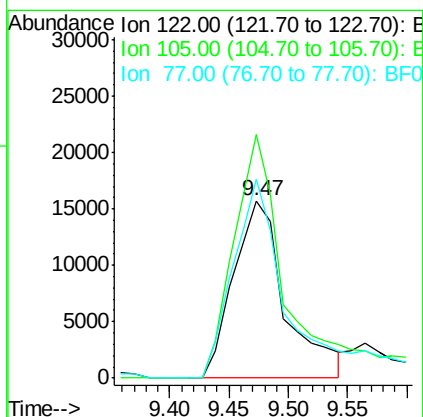
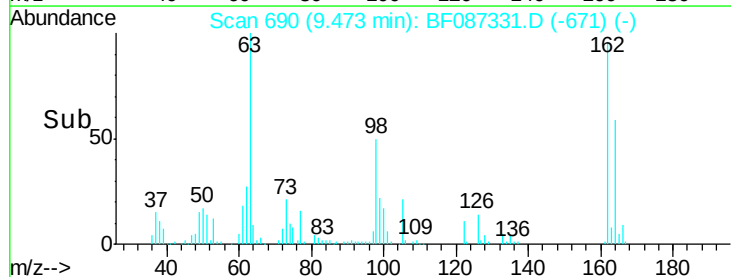
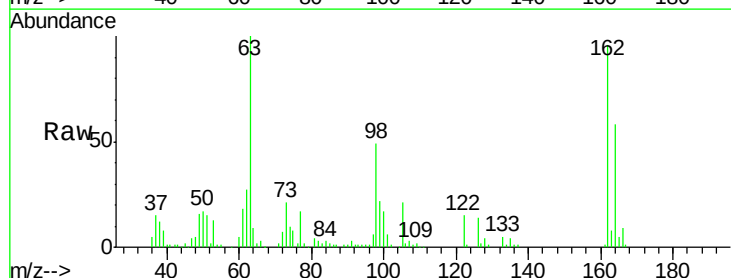
Tgt Ion:122 Resp: 47849

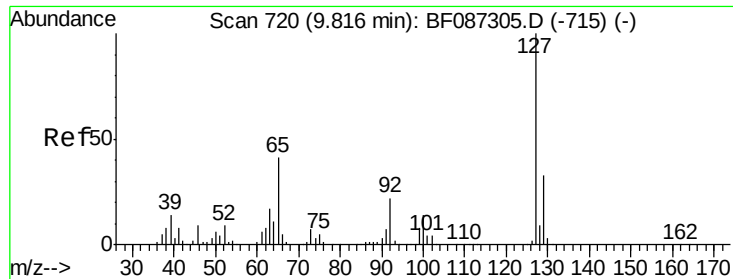
Ion Ratio Lower Upper

122 100

105 137.4 92.6 132.6#

77 112.4 60.0 100.0#





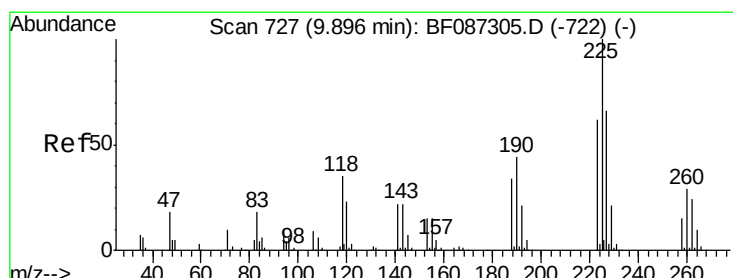
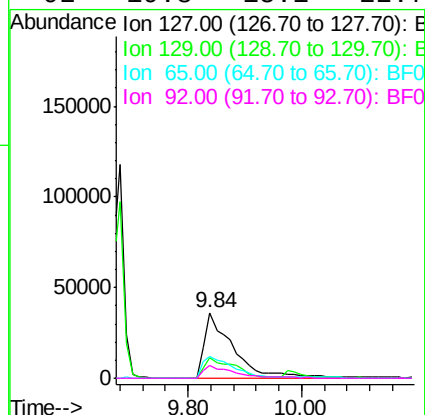
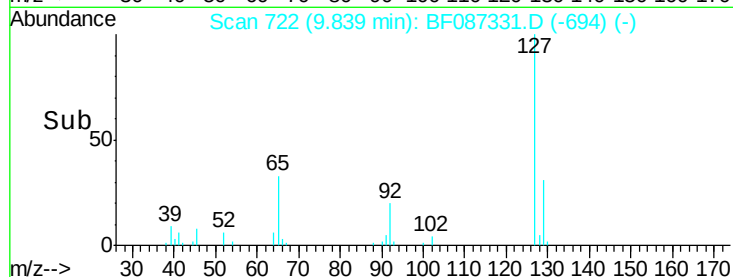
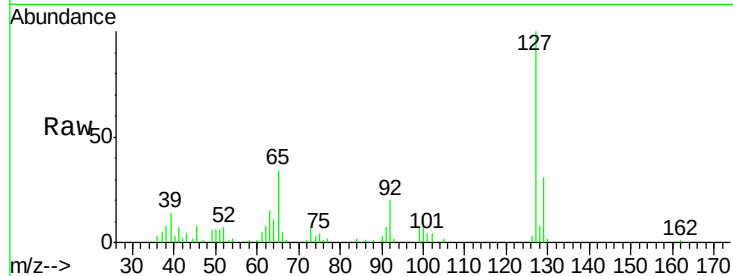
#33
4-Chloroaniline
Concen: 12.03 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		126185		
129	31.0	26.2	39.4		
65	34.3	23.0	34.4		
92	19.8	15.1	22.7		

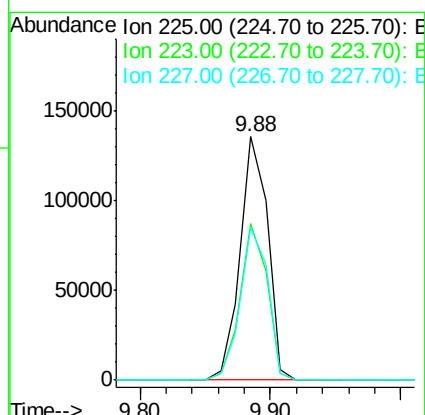
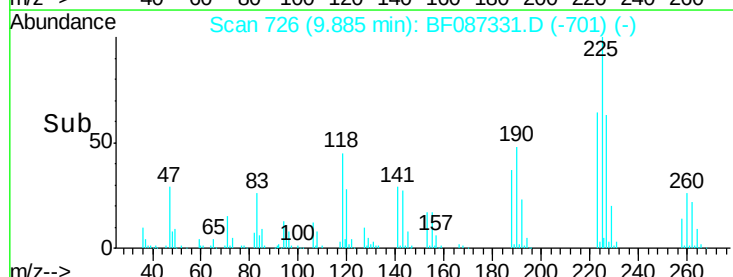
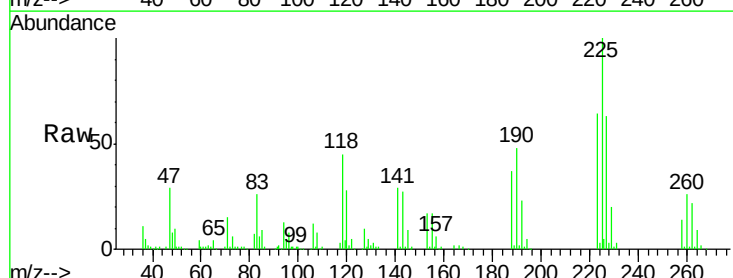
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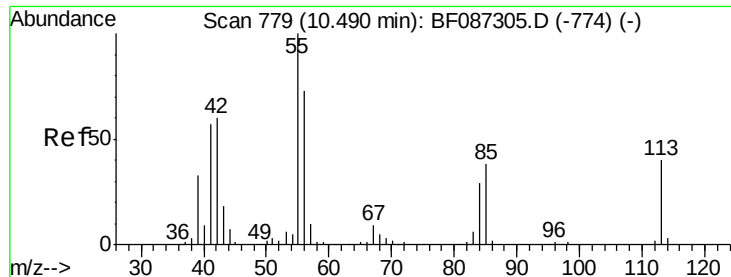
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#34
Hexachlorobutadiene
Concen: 37.65 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		199368		
223	64.5	51.5	77.3		
227	62.7	52.2	78.2		





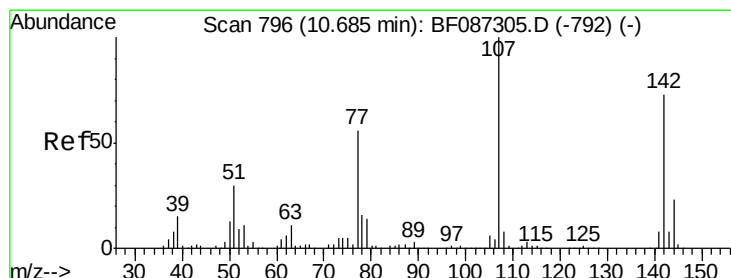
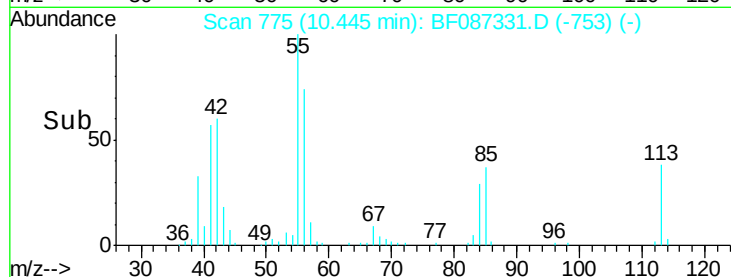
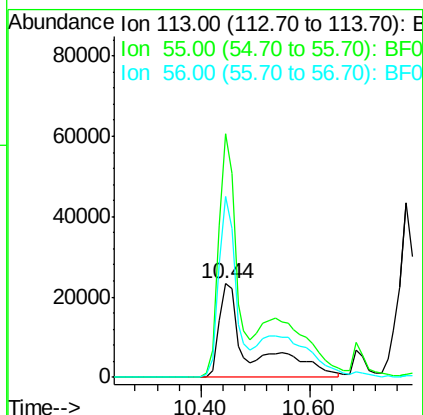
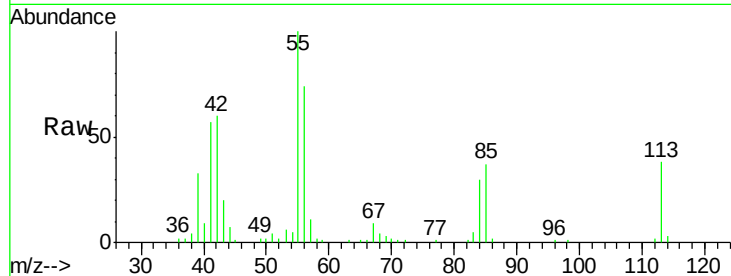
#35
 Caprolactam
 Concen: 41.57 ng m
 RT: 10.44 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	92331		
55	260.5	162.0	202.0#	
56	193.0	115.3	155.3#	

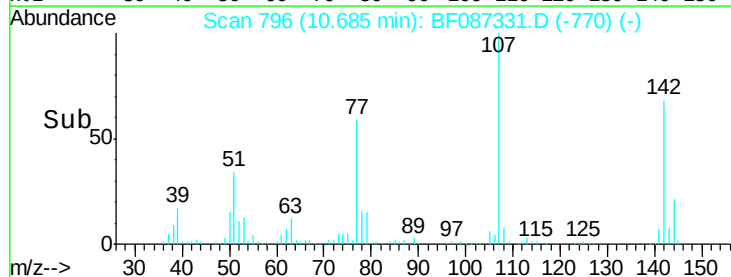
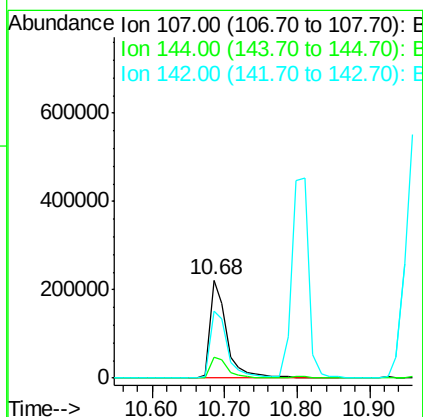
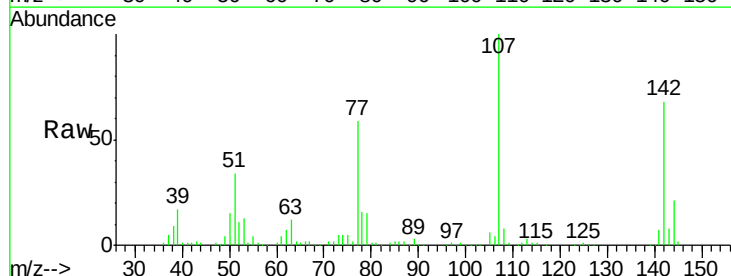
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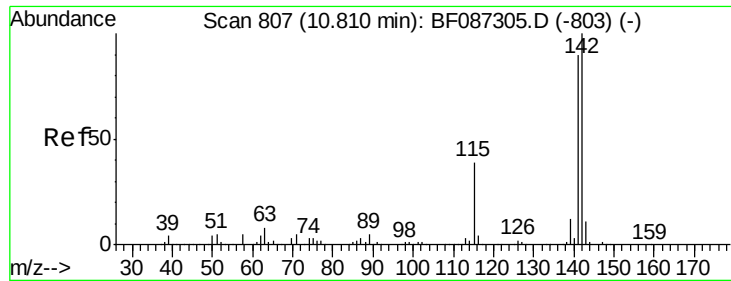
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#36
 4-Chloro-3-methylphenol
 Concen: 40.90 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	351861		
144	21.2	20.7	31.1	
142	67.5	63.2	94.8	





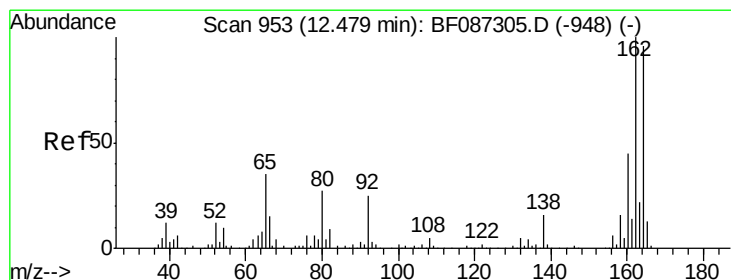
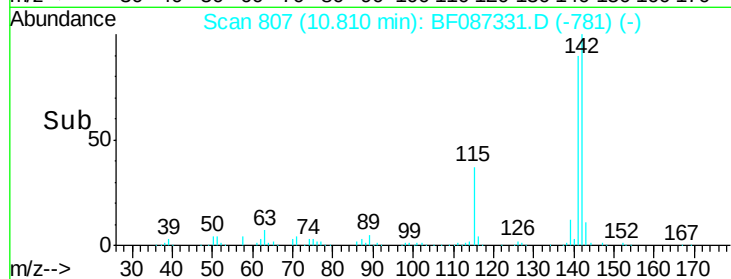
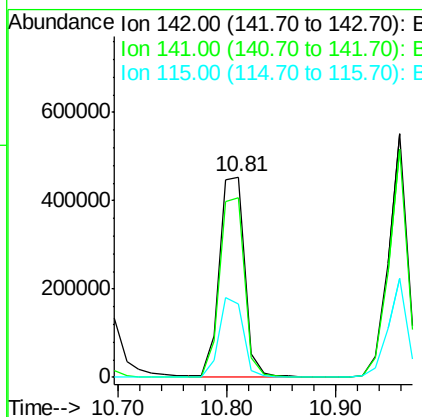
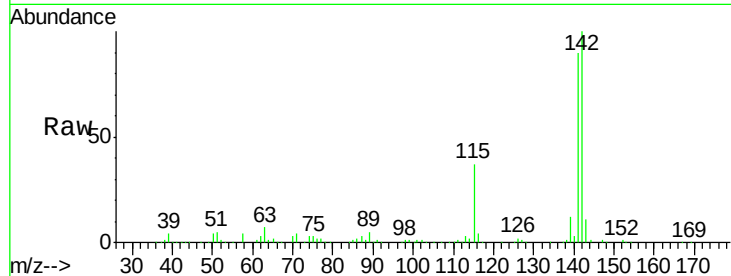
#37
2-Methylnaphthalene
Concen: 41.01 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion:	142	Resp:	729365
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.0	106.6
115	36.6	26.6	39.8

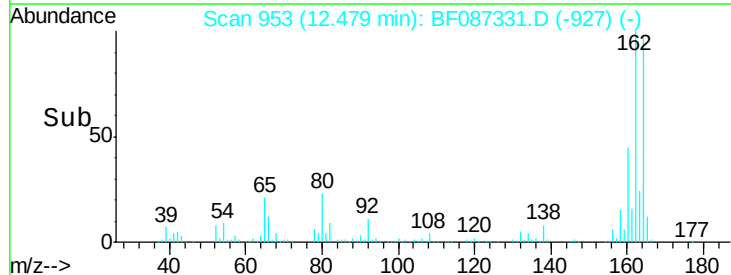
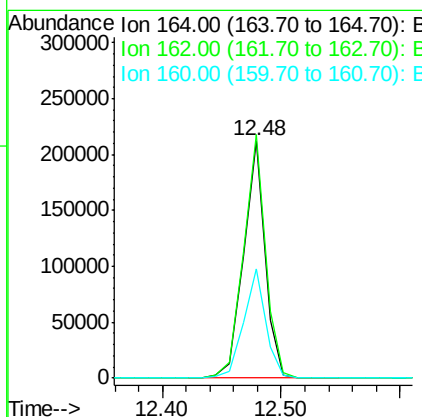
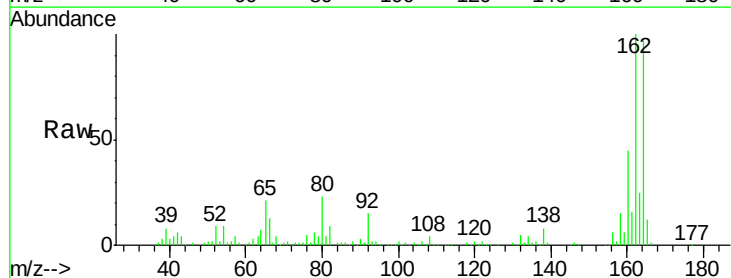
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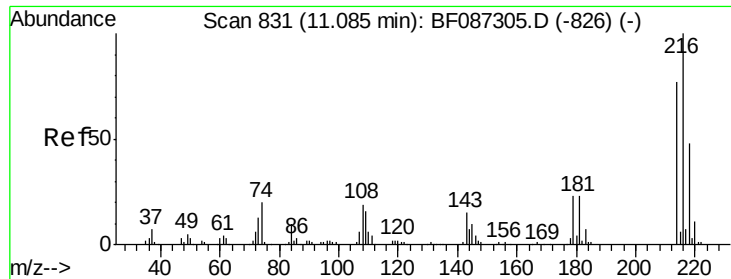
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion:	164	Resp:	269342
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.8	124.2
160	46.0	36.9	55.3





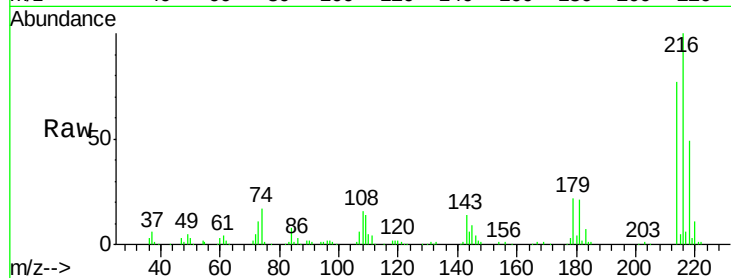
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.05 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

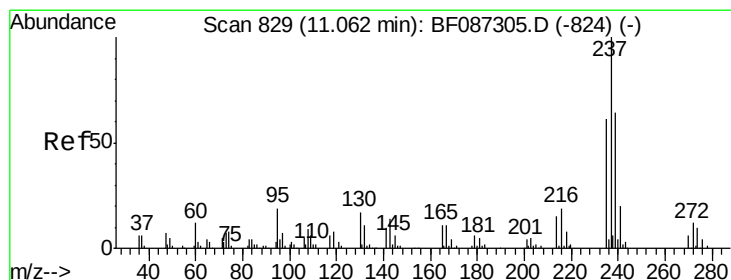
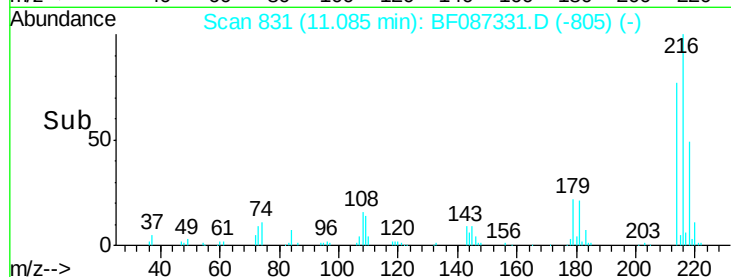
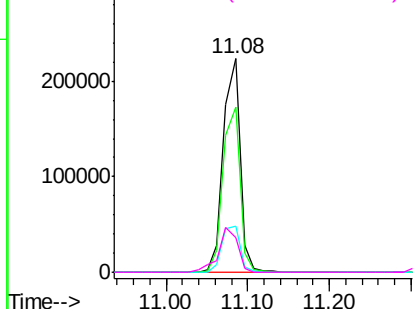
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	319464		
214	79.0	62.6	93.8	
179	23.4	18.2	27.4	
108	24.0	17.5	26.3	

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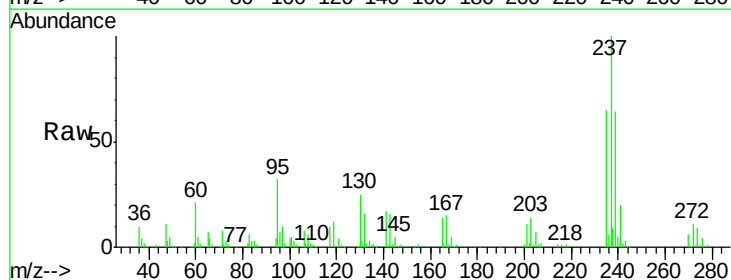


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

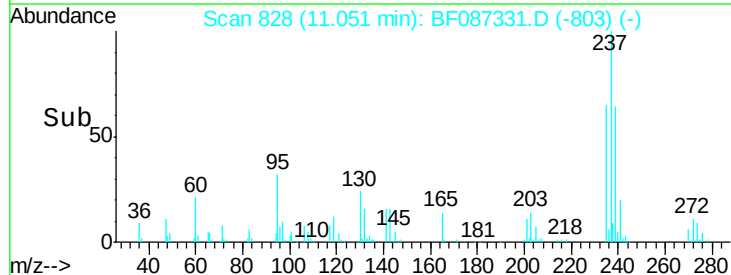
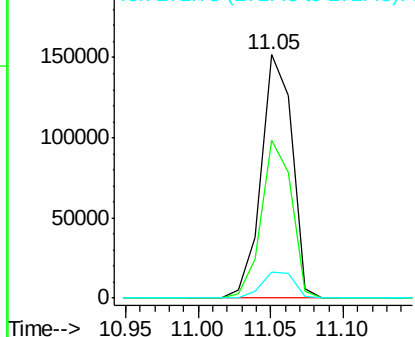


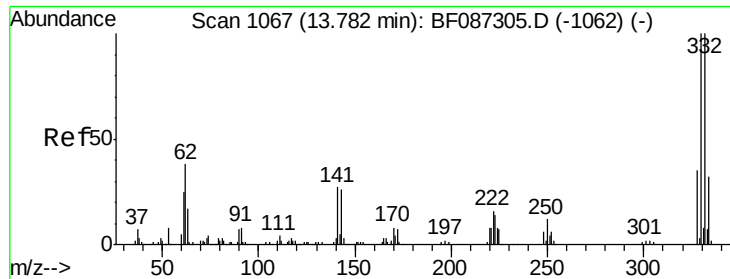
#40
 Hexachlorocyclopentadiene
 Concen: 65.23 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	224412		
235	64.7	47.2	87.2	
272	10.8	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





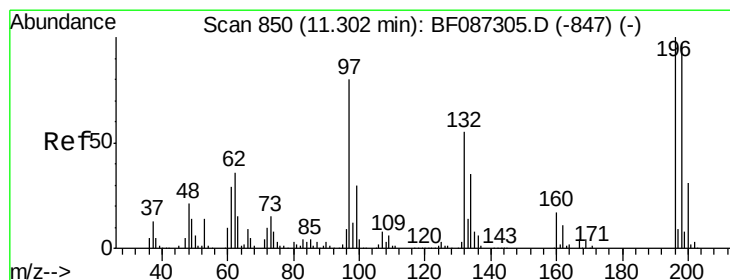
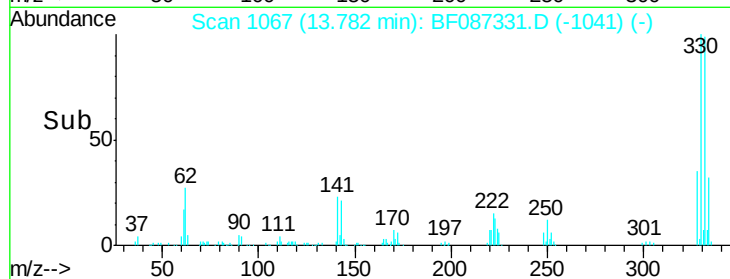
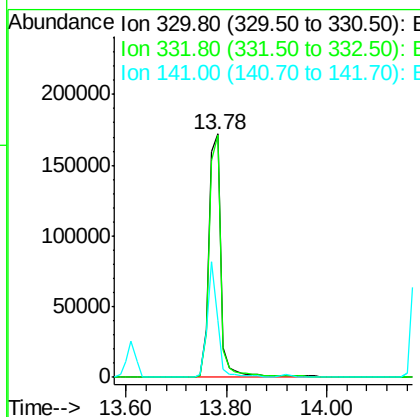
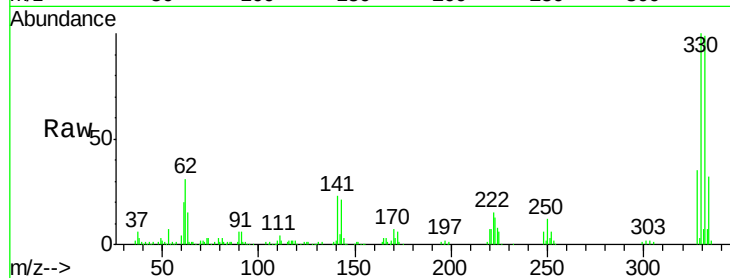
#41
 2,4,6-Tribromophenol
 Concen: 111.67 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	289036		
332	97.0	79.0	118.4	
141	40.7	31.2	46.8	

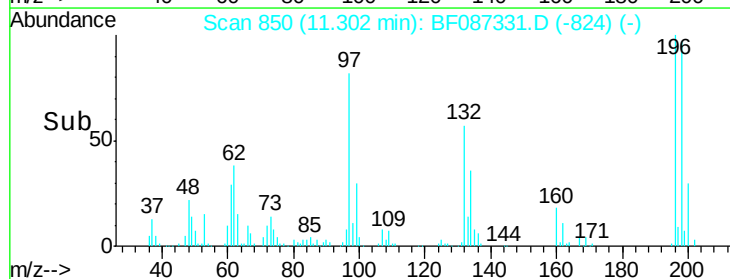
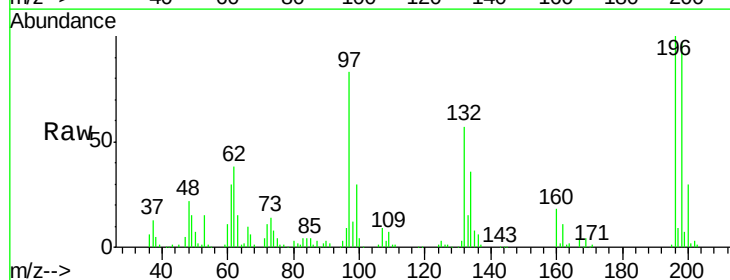
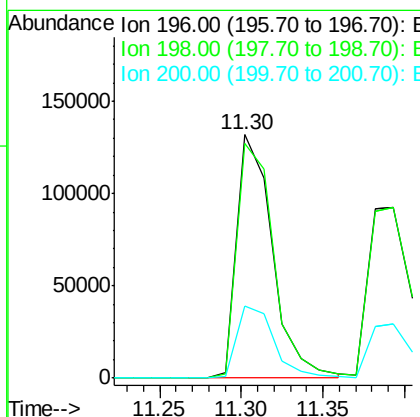
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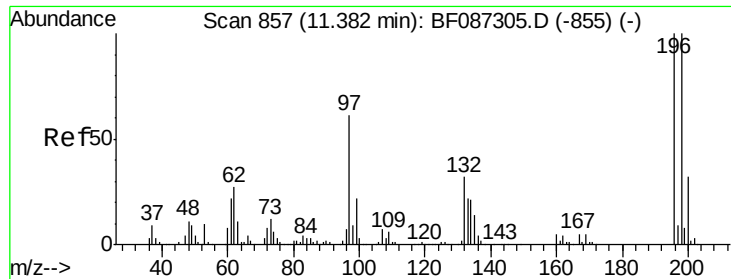
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#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

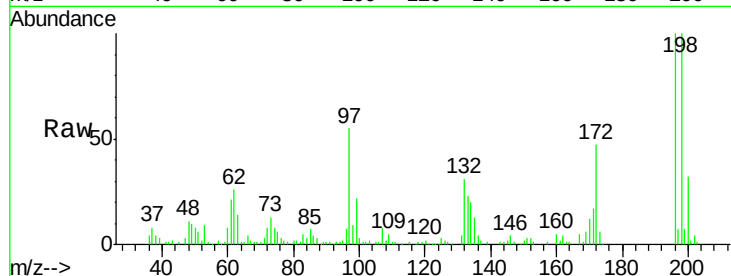
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198675		
198	96.6	74.7	112.1	
200	29.5	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 40.52 ng
 RT: 11.39 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

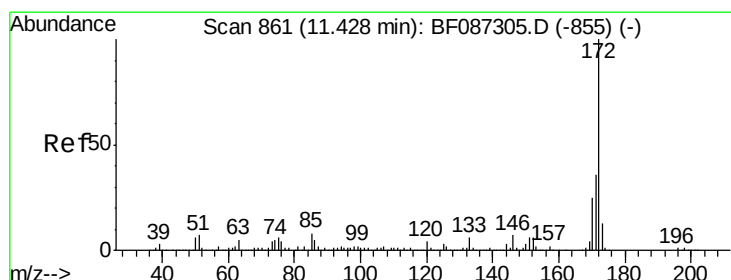
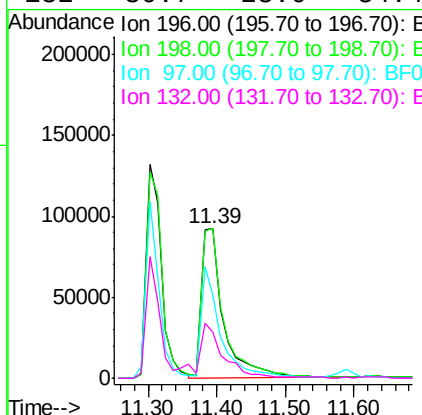
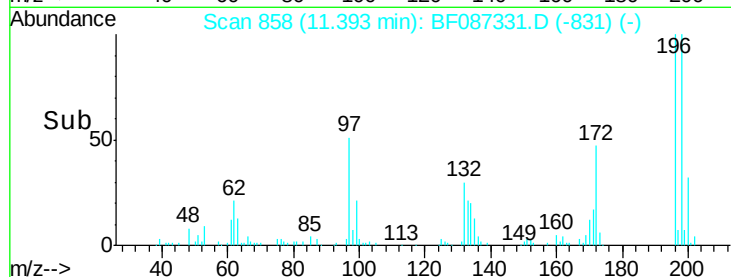
Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS



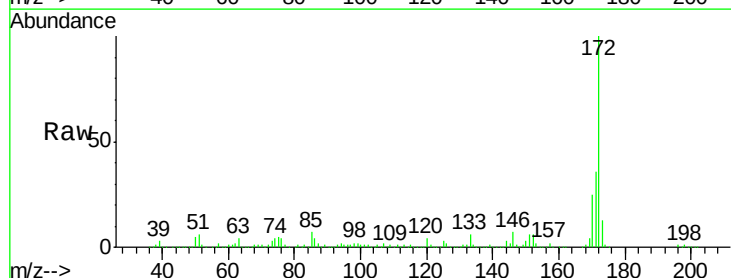
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205340		
198	100.4	77.5	116.3	
97	55.3	34.8	52.2	
132	30.7	23.0	34.4	

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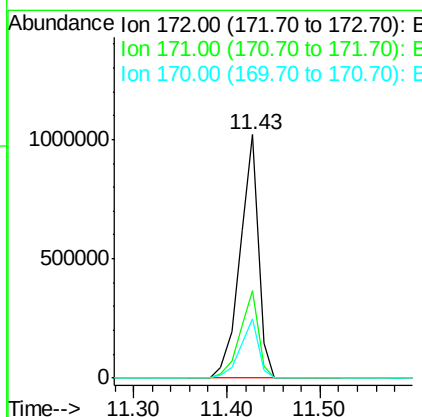
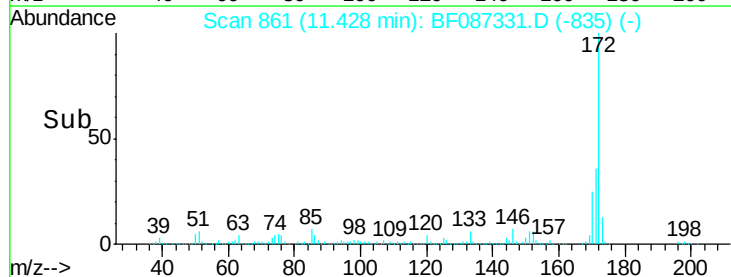
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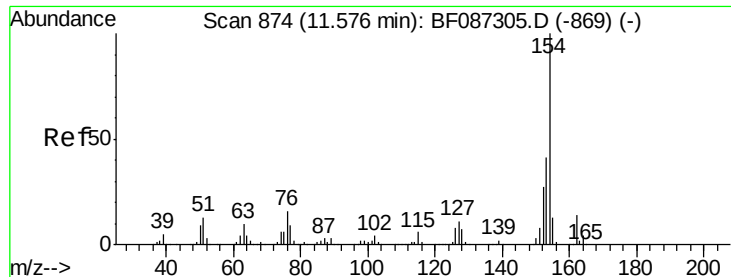


#44
 2-Fluorobiphenyl
 Concen: 72.99 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1394527		
171	36.2	29.0	43.6	
170	24.6	19.8	29.8	





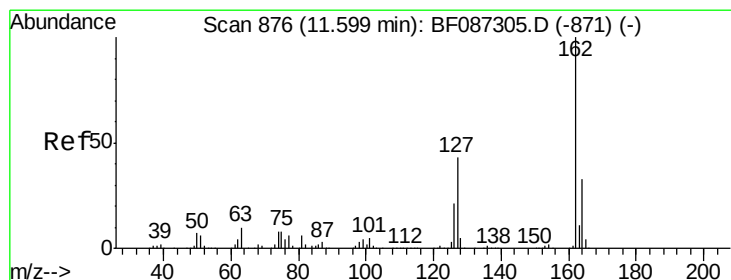
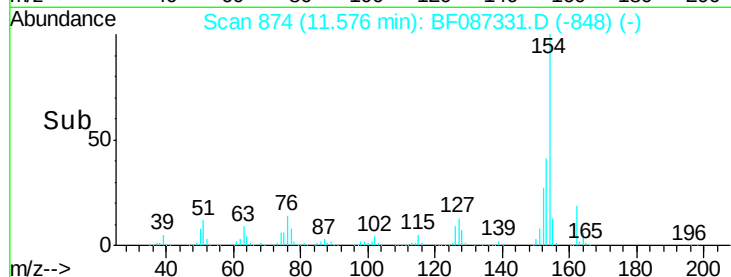
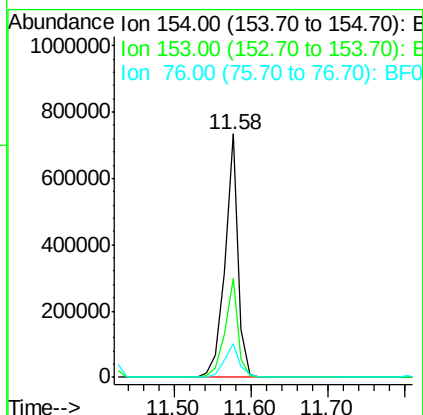
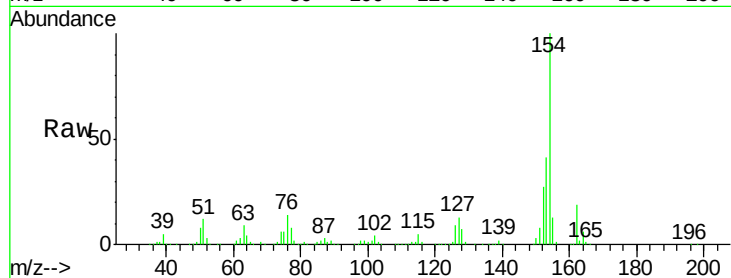
#45
 1,1'-Biphenyl
 Concen: 38.98 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	883859		
153	40.8	20.3	60.3	
76	13.9	0.0	30.2	

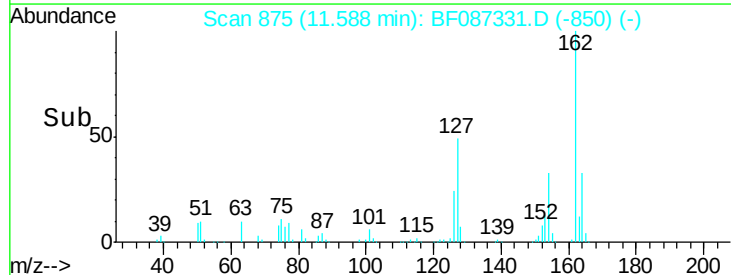
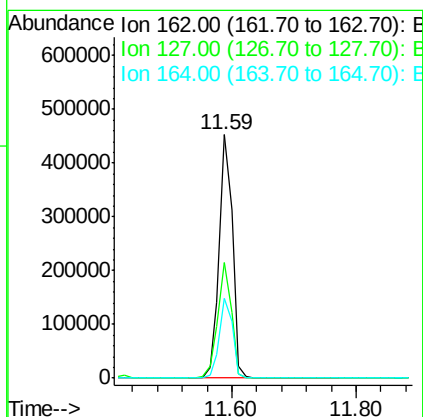
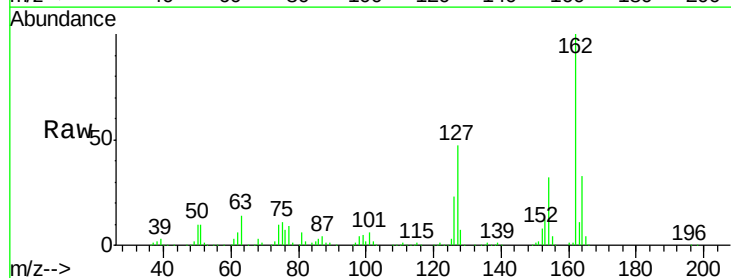
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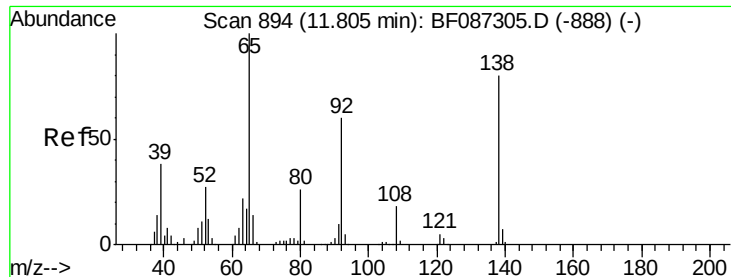
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#46
 2-Chloronaphthalene
 Concen: 37.96 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	658631		
127	47.5	31.8	47.6	
164	32.7	27.0	40.6	





#47

2-Nitroaniline

Concen: 39.72 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF087331.D

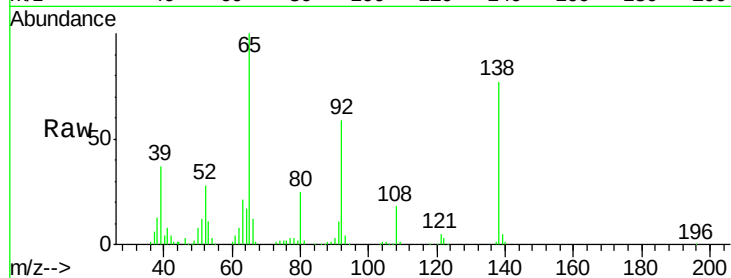
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

SB-22-COMPMS



Tgt Ion: 65 Resp: 248279

Ion Ratio Lower Upper

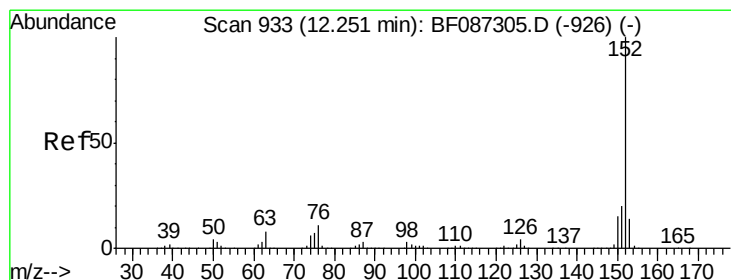
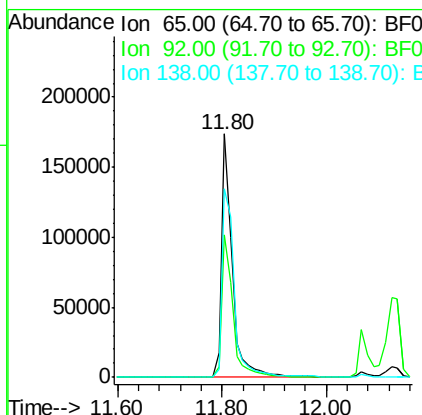
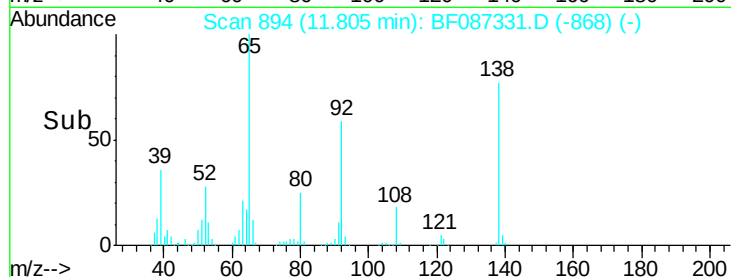
65 100

92 58.6 57.4 86.2

138 77.3 90.1 135.1#

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#48

Acenaphthylene

Concen: 38.51 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

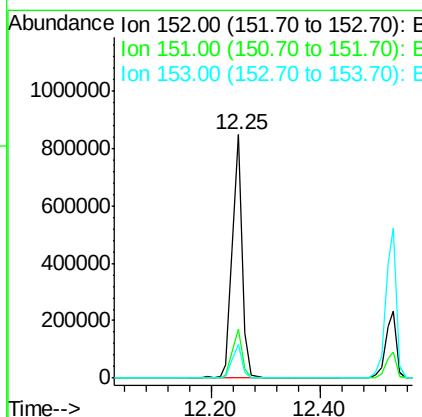
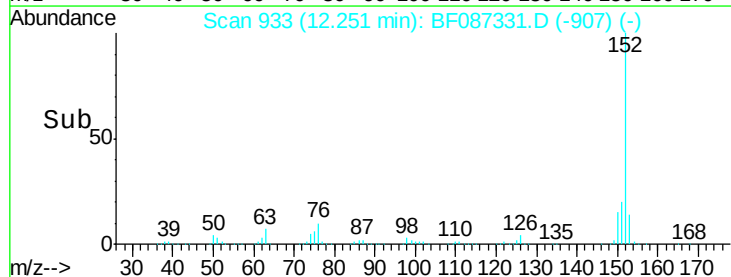
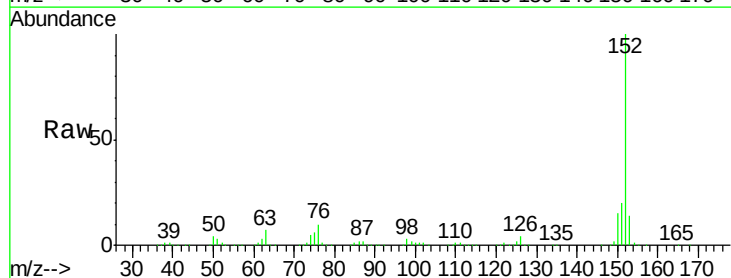
Tgt Ion: 152 Resp: 1057835

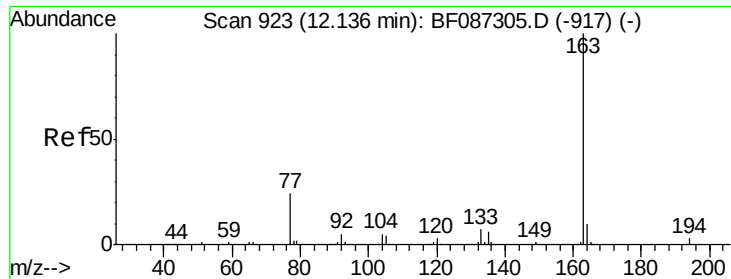
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.8 10.9 16.3





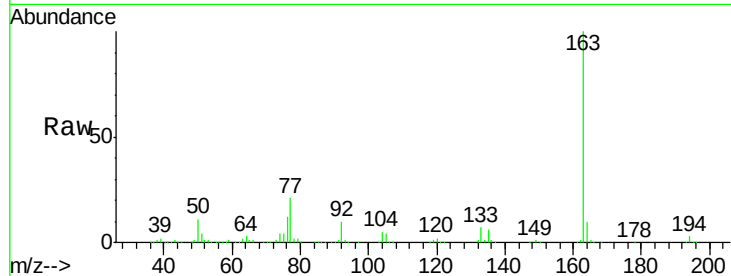
#49
Dimethylphthalate
Concen: 44.30 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

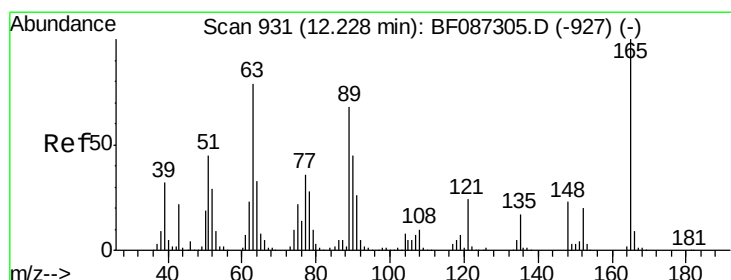
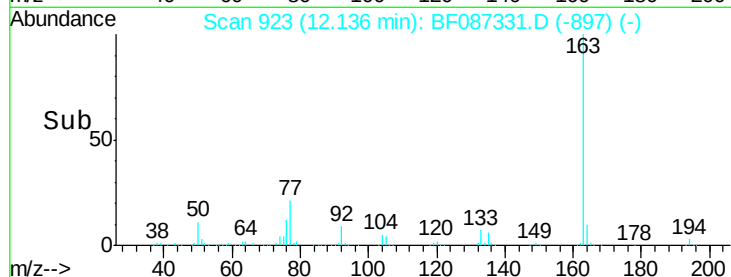
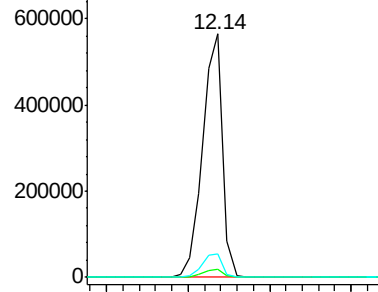
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	955780		
194	3.3	2.6	4.0	
164	9.8	8.2	12.4	

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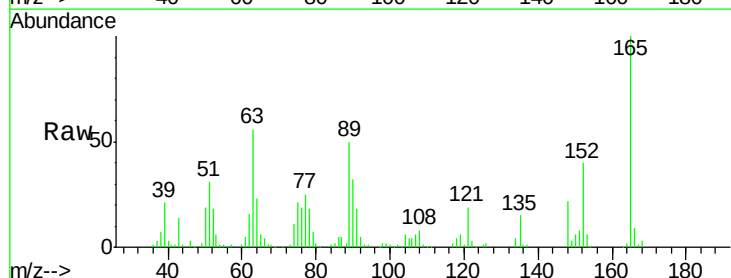


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

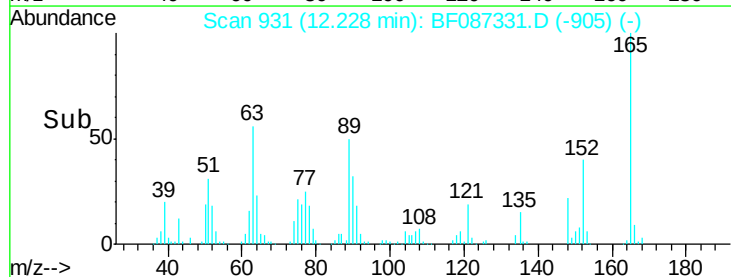
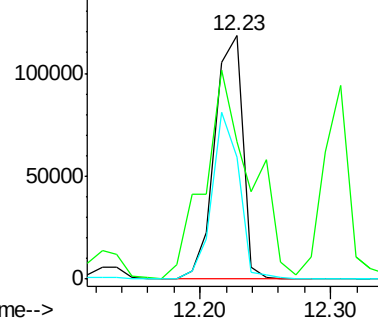


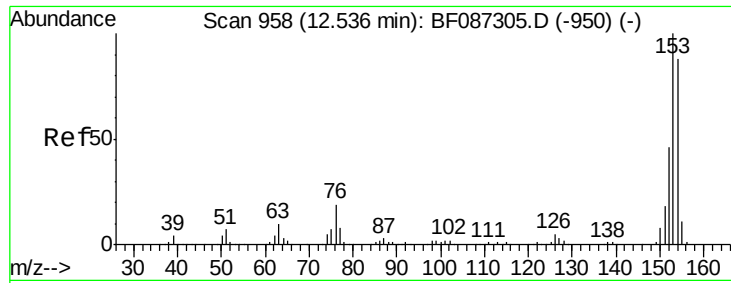
#50
2,6-Dinitrotoluene
Concen: 40.65 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176712		
63	56.5	51.8	77.8	
89	50.1	50.7	76.1	



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





#51

Acenaphthene

Concen: 37.94 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF087331.D

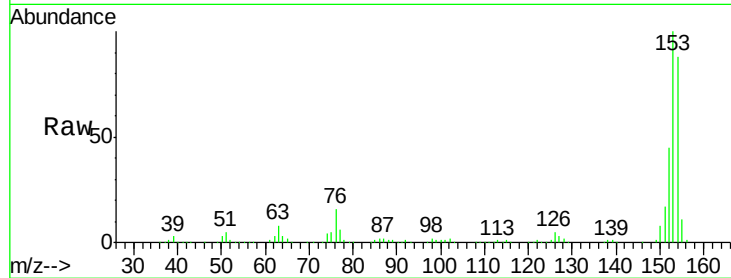
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

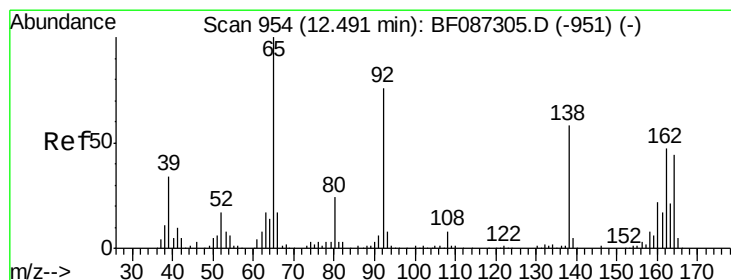
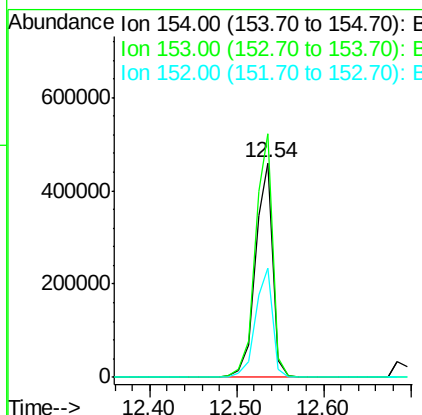
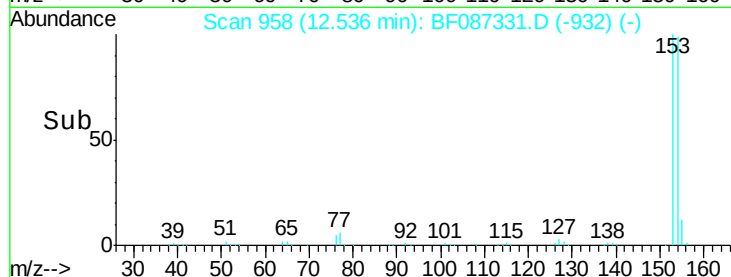
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.5	89.8	134.6	
152	51.2	43.4	65.0	

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#52

3-Nitroaniline

Concen: 23.80 ng

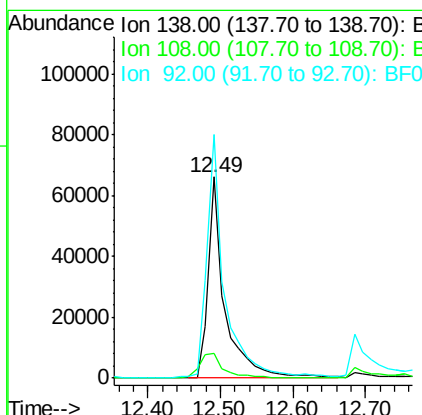
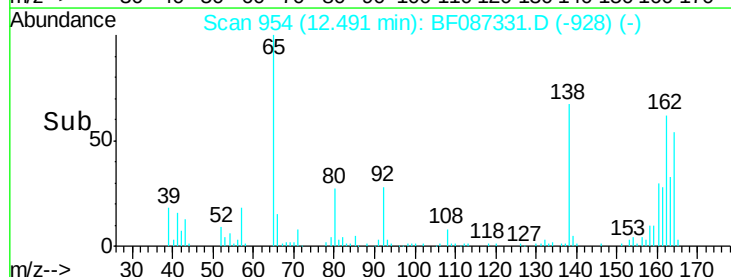
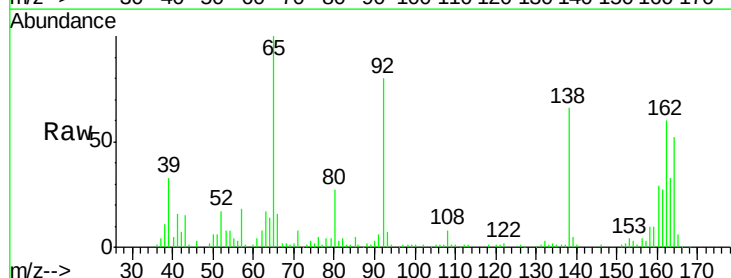
RT: 12.49 min Scan# 954

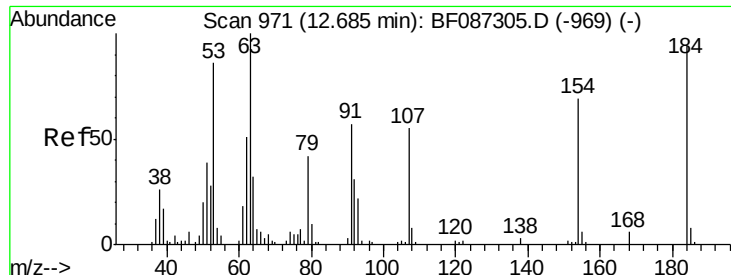
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.5	7.8	11.6#	
92	121.0	87.8	131.8	





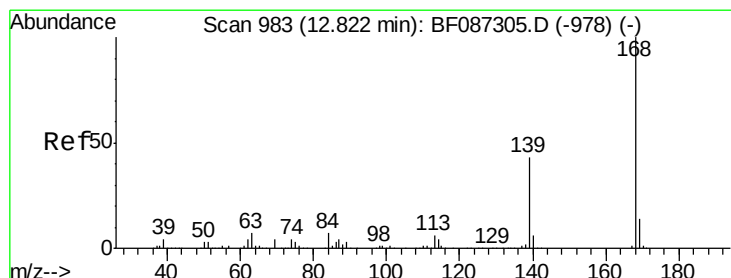
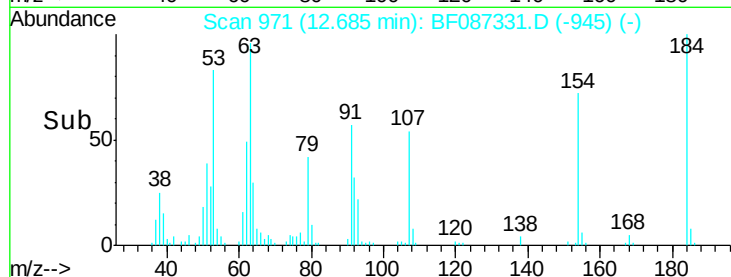
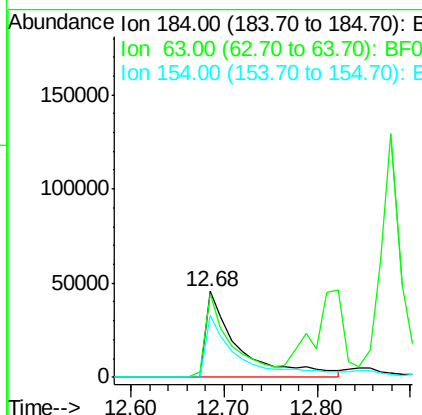
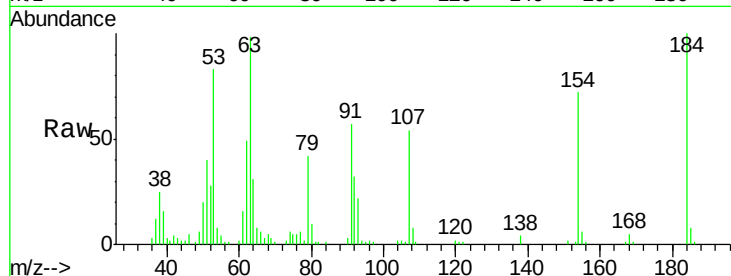
#53
2,4-Dinitrophenol
Concen: 52.61 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	111626		
63	97.6	55.8	83.8#	
154	71.6	62.4	93.6	

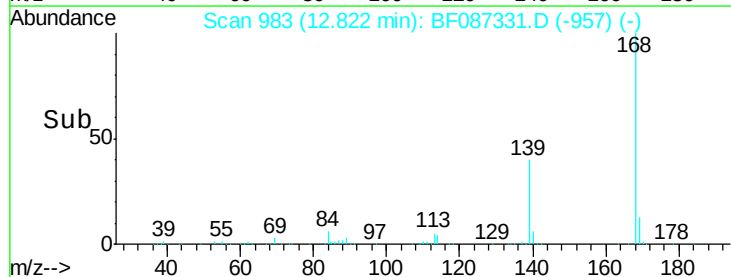
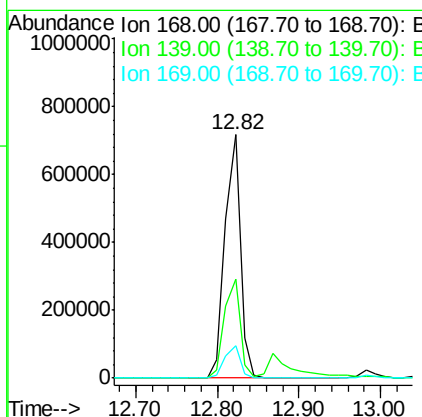
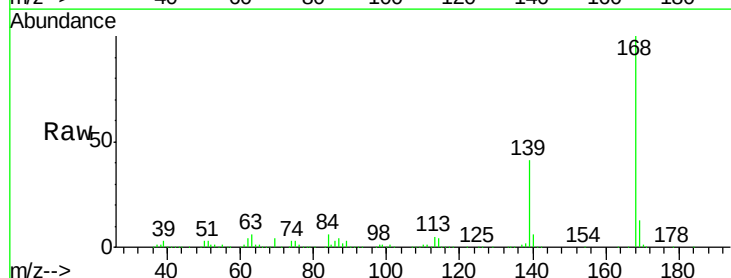
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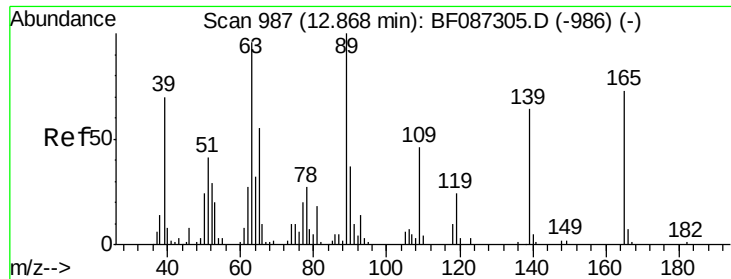
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#54
Dibenzofuran
Concen: 41.32 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	944529		
139	40.6	31.4	47.0	
169	13.2	10.7	16.1	





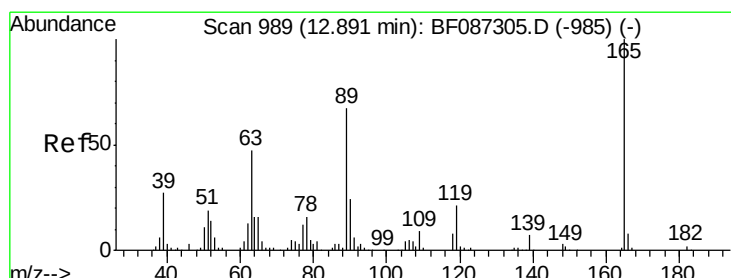
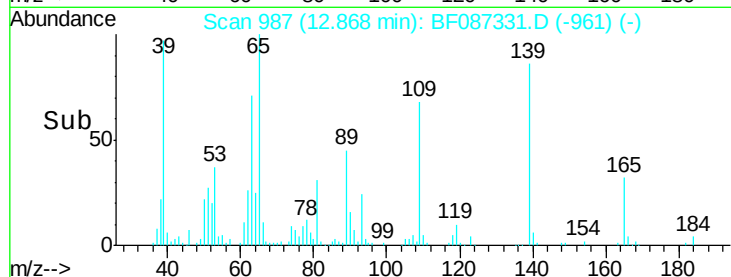
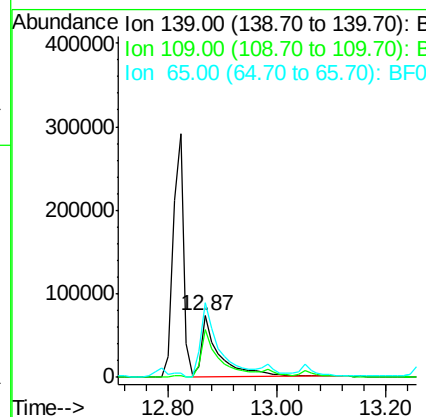
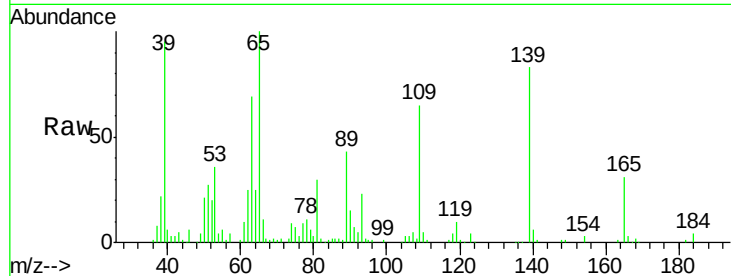
#55
4-Nitrophenol
Concen: 79.98 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	170242		
109	78.5	36.9	76.9#	
65	121.1	64.0	104.0#	

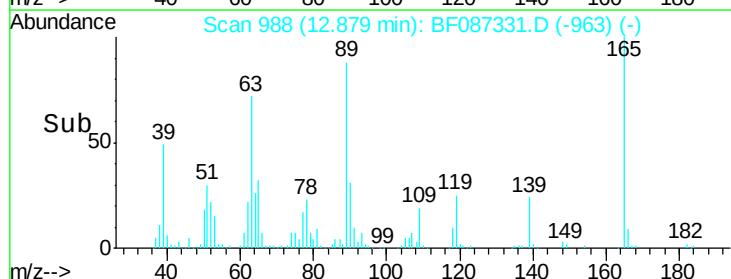
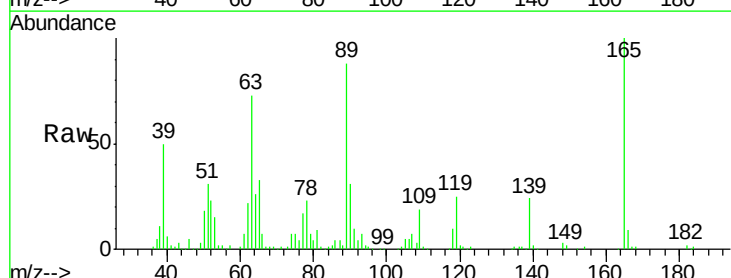
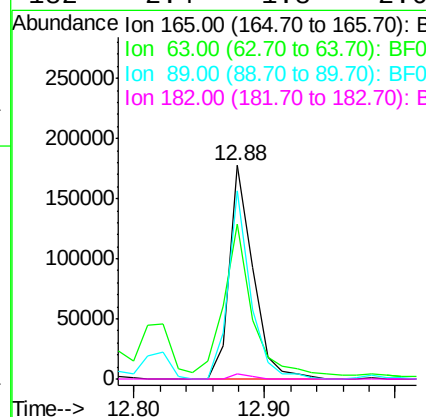
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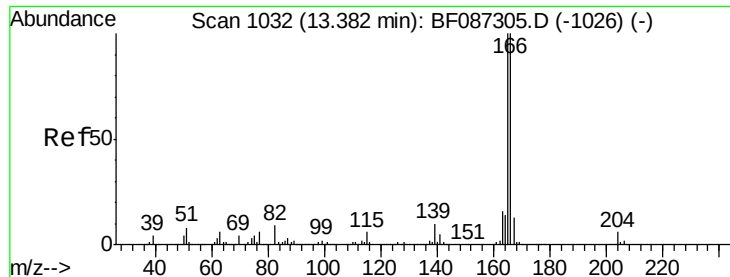
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#56
2,4-Dinitrotoluene
Concen: 38.96 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226409		
63	72.8	44.3	66.5#	
89	87.9	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 37.18 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

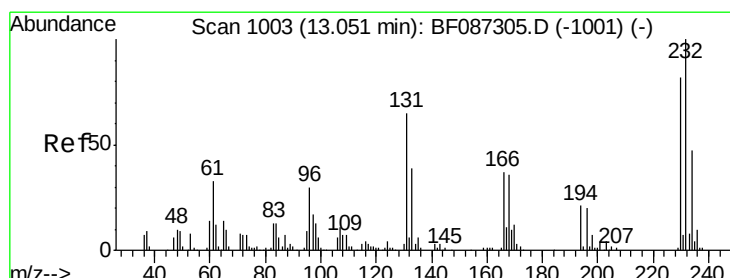
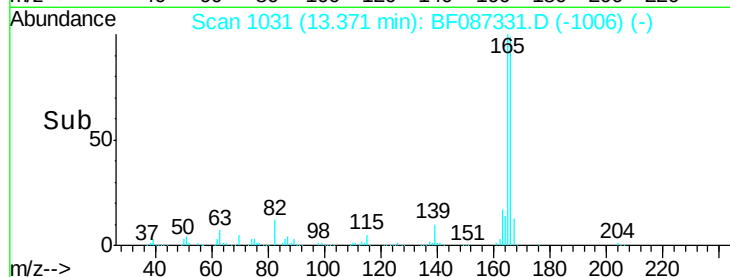
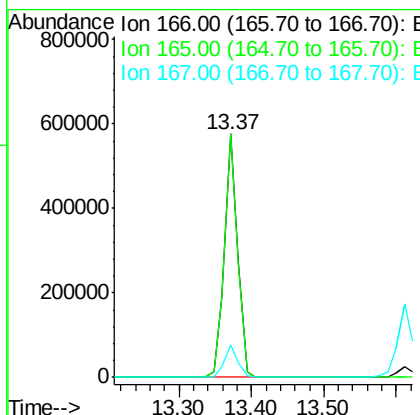
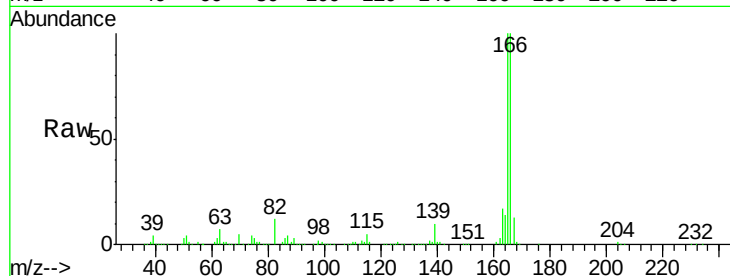
ClientSampleId :

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Tgt Ion:	166	Resp:	736828
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.0	118.6
167	13.4	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.49 ng

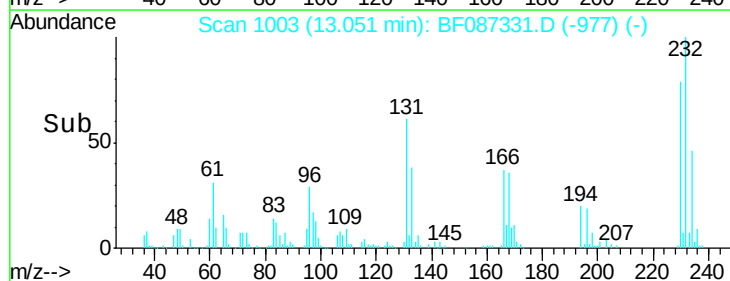
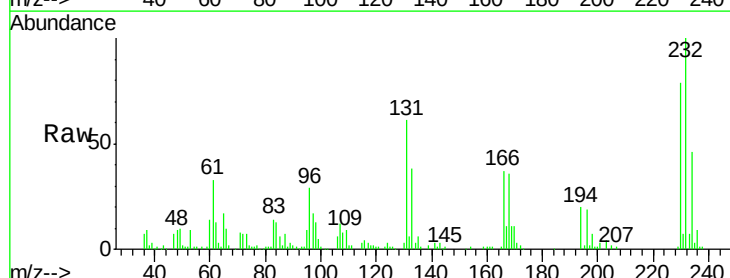
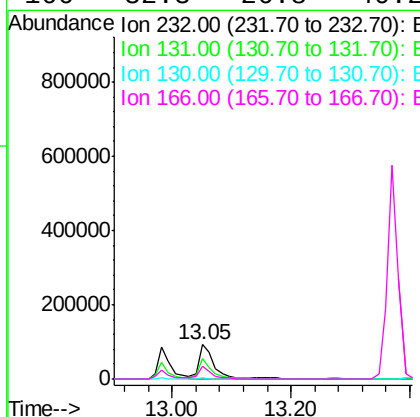
RT: 13.05 min Scan# 1003

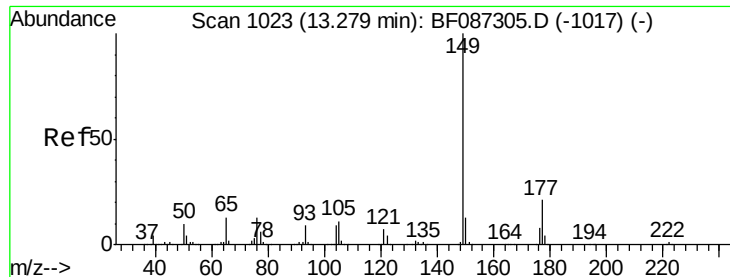
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	232	Resp:	169531
Ion Ratio	Lower	Upper	
232	100		
131	53.7	41.9	62.9
130	2.6	2.2	3.4
166	32.3	26.8	40.2





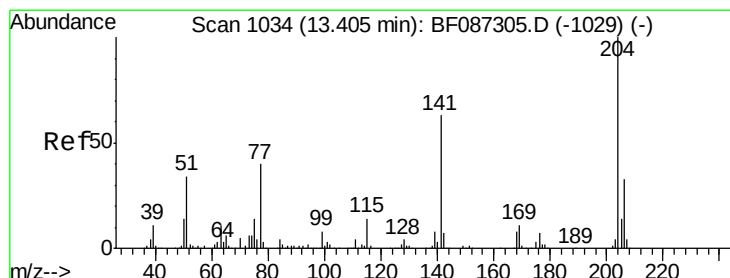
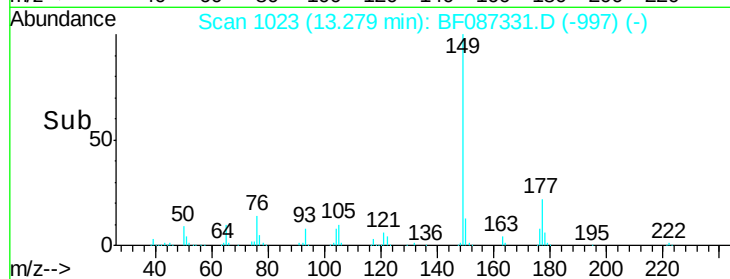
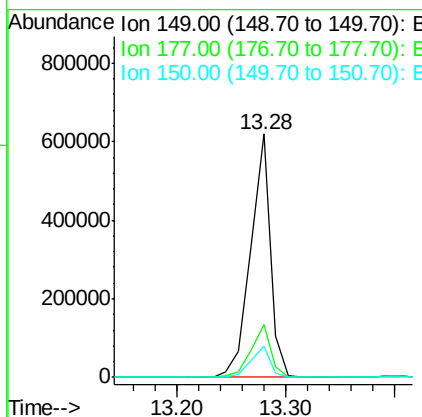
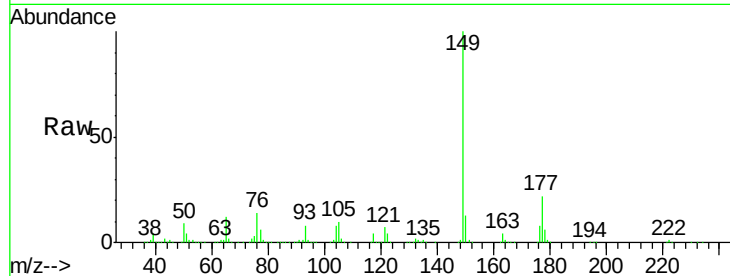
#59
Diethylphthalate
Concen: 37.75 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	791903		
177	21.7	16.6	24.8	
150	12.6	10.0	15.0	

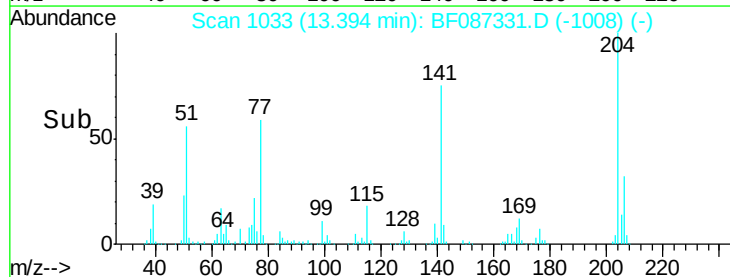
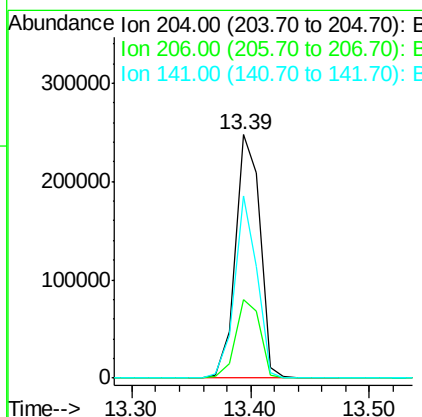
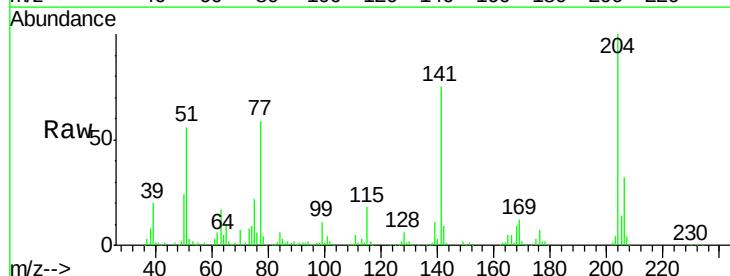
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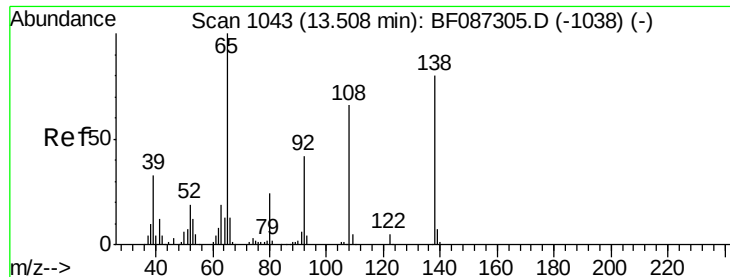
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#60
4-Chlorophenyl-phenylether
Concen: 36.95 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	357162		
206	32.4	25.4	38.0	
141	74.8	61.6	92.4	





#61

4-Nitroaniline

Concen: 35.09 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF087331.D

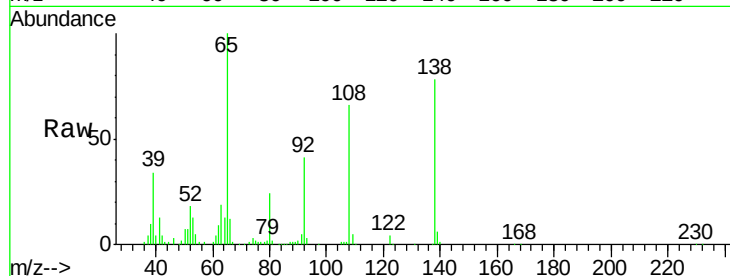
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

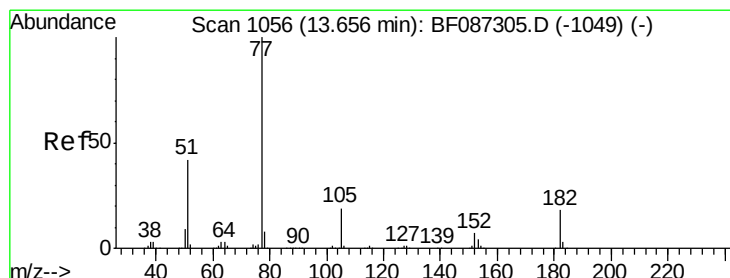
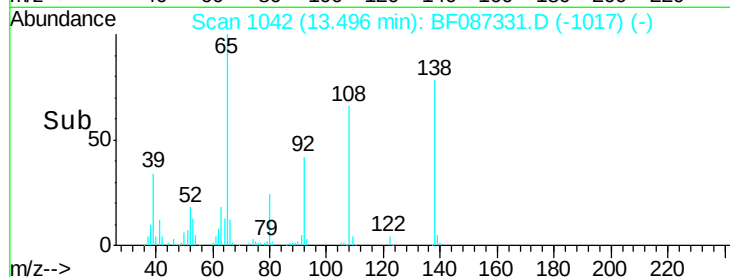
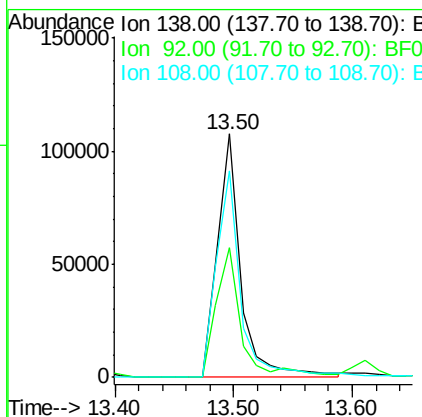
SB-22-COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	146141		
92	53.1	24.7	64.7	
108	84.7	37.4	77.4#	

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#62

Azobenzene

Concen: 42.52 ng

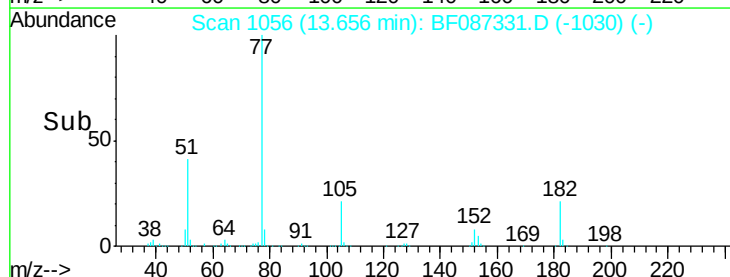
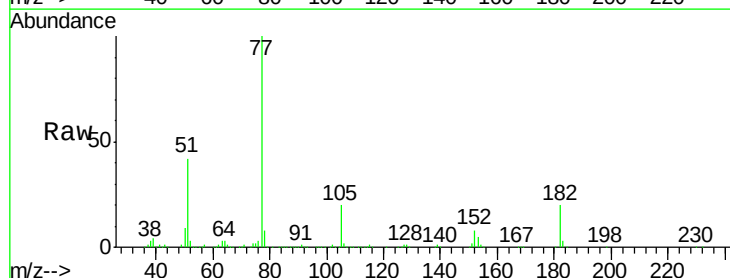
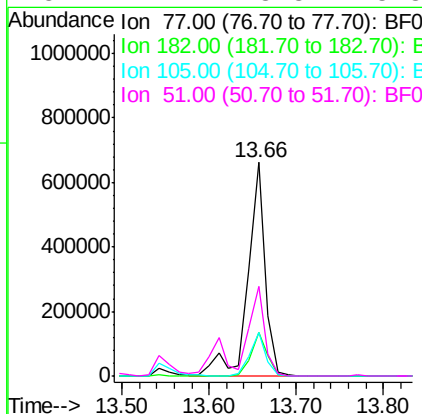
RT: 13.66 min Scan# 1056

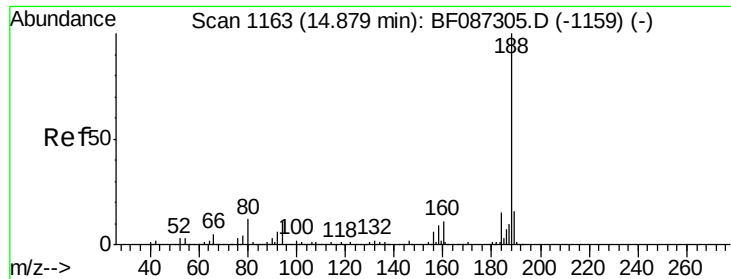
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	925414		
182	20.5	0.0	38.8	
105	20.5	3.2	43.2	
51	42.1	8.8	48.8	





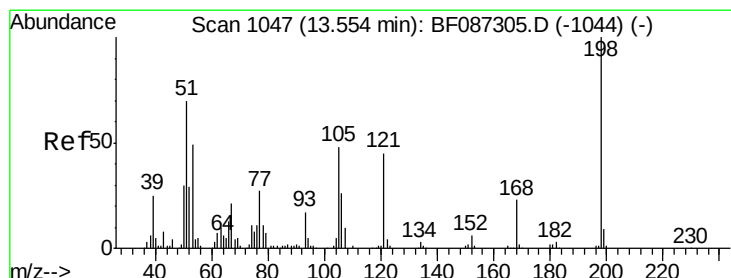
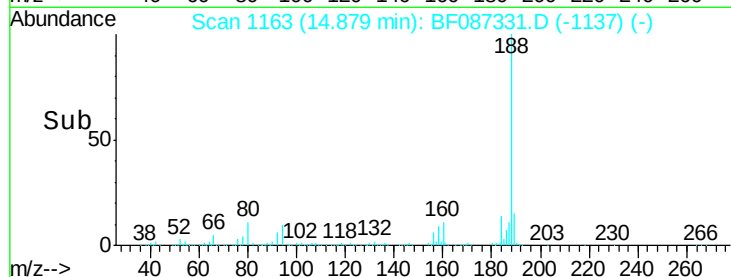
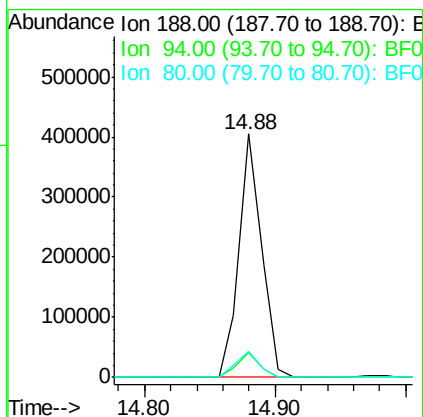
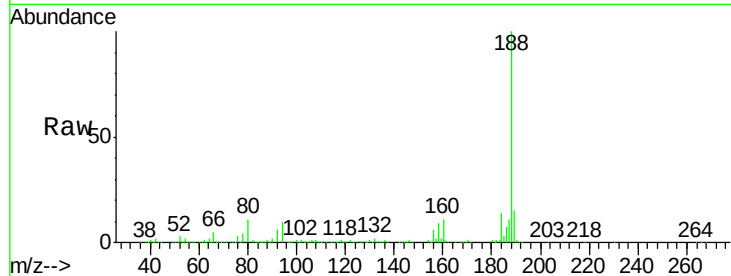
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	6.8	10.2
80	10.7	7.1	10.7

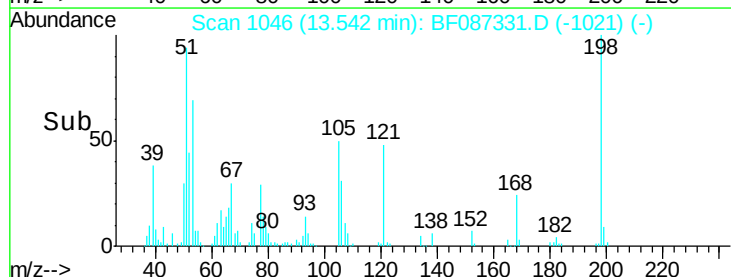
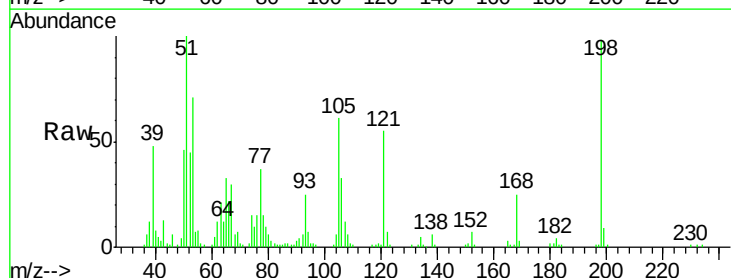
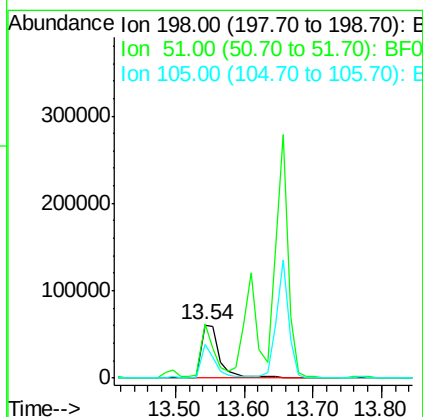
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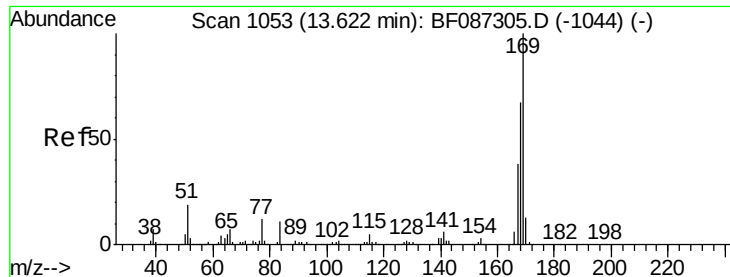
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.46 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	101.8	20.5	60.5#
105	62.5	24.5	64.5





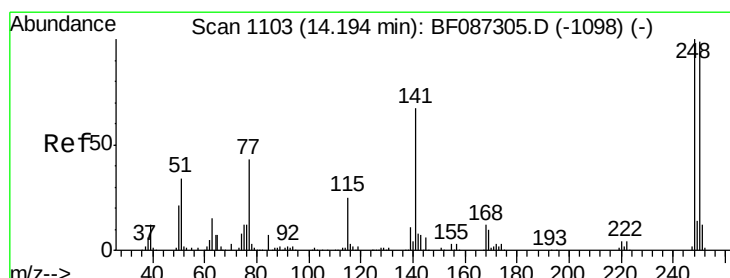
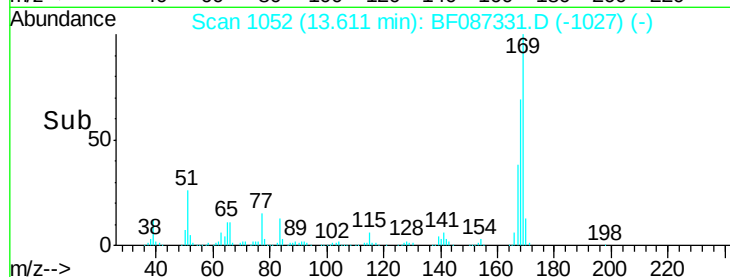
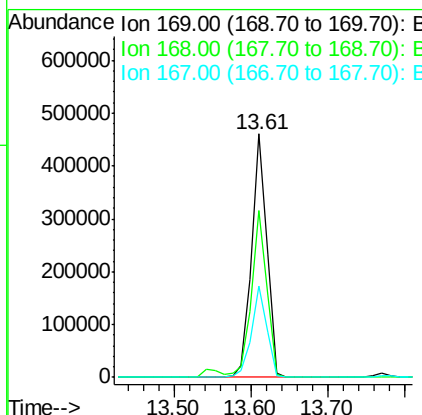
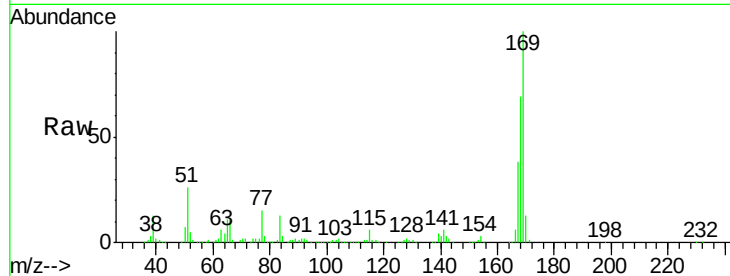
#65
 n-Nitrosodiphenylamine
 Concen: 40.11 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	632526		
168	68.6	53.8	80.6	
167	37.5	29.5	44.3	

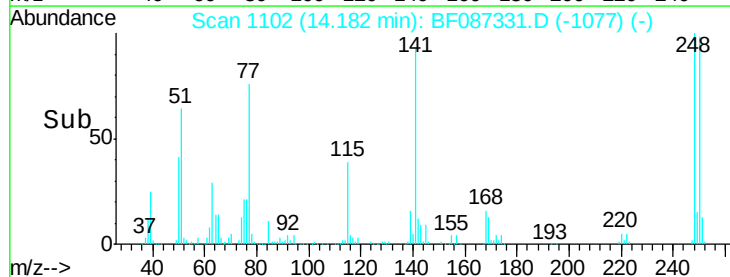
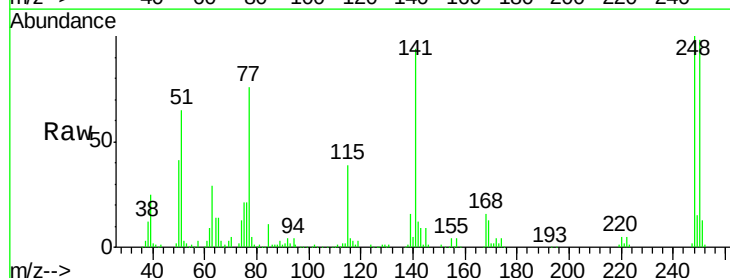
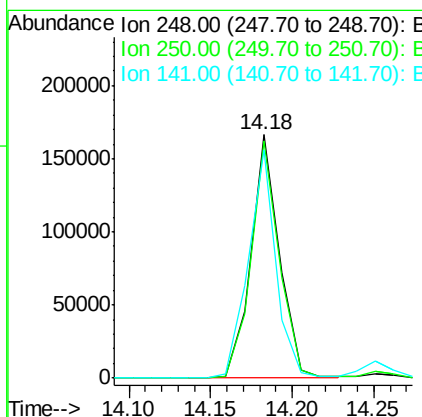
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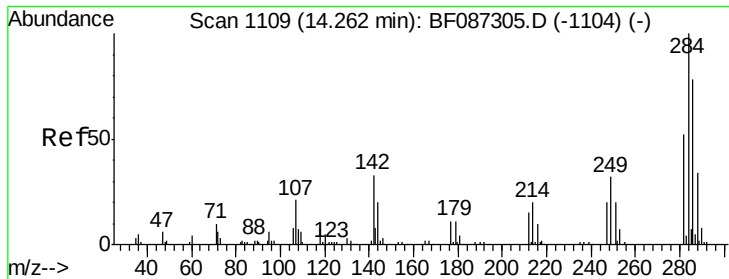
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#66
 4-Bromophenyl-phenylether
 Concen: 37.68 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201010		
250	97.5	78.6	117.8	
141	93.9	76.0	114.0	





#67

Hexachlorobenzene

Concen: 37.37 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF087331.D

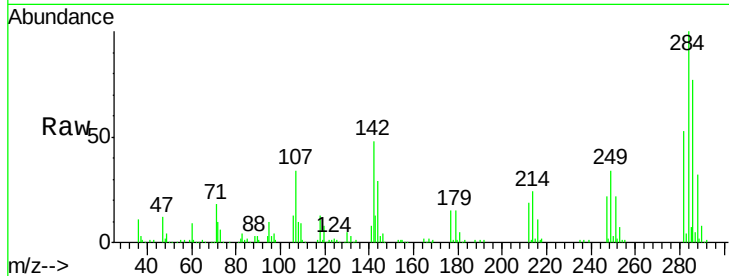
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

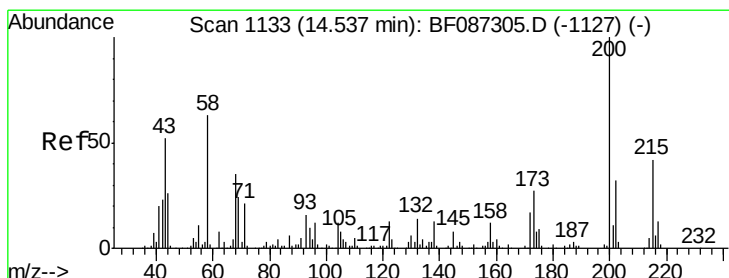
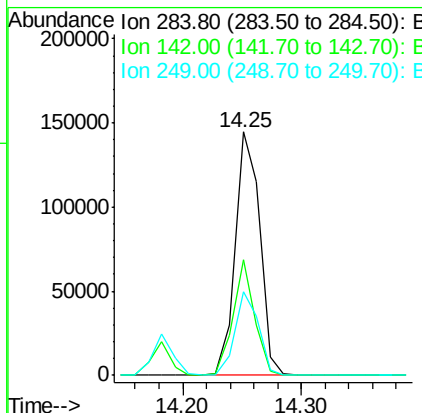
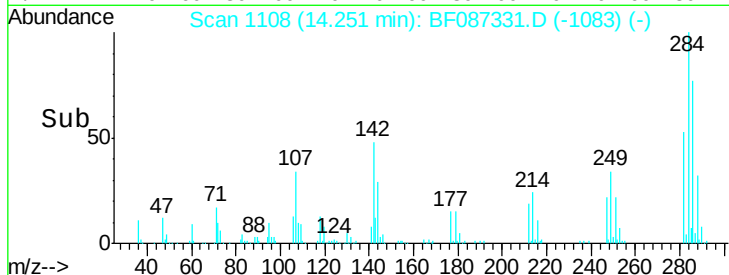
SB-22-COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	208487		
142	47.5	16.7	25.1#	
249	34.1	21.3	31.9#	

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#68

Atrazine

Concen: 41.03 ng

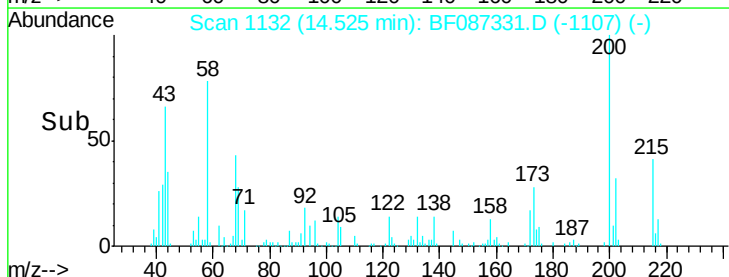
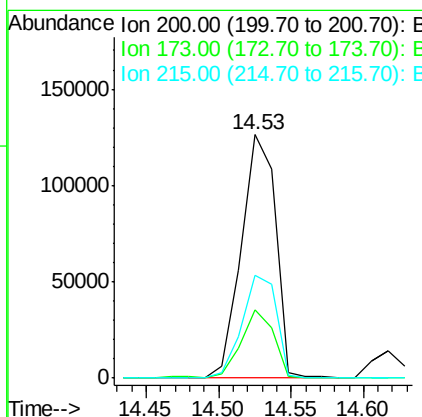
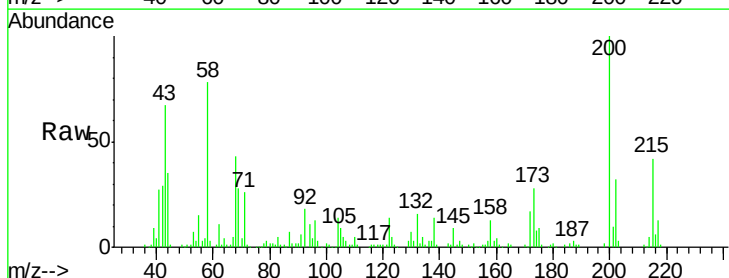
RT: 14.53 min Scan# 1132

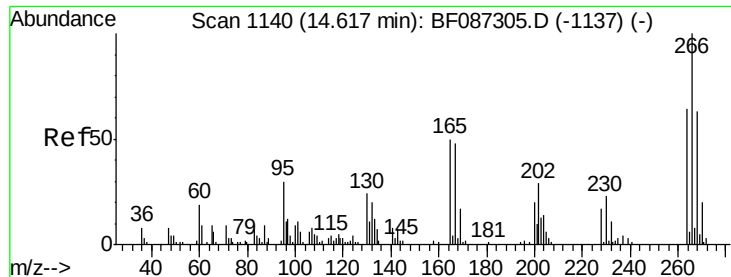
Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	206233		
173	28.2	8.5	48.5	
215	42.0	27.2	67.2	





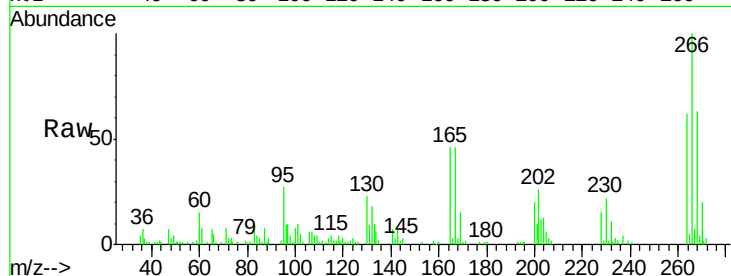
#69
 Pentachlorophenol
 Concen: 78.06 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

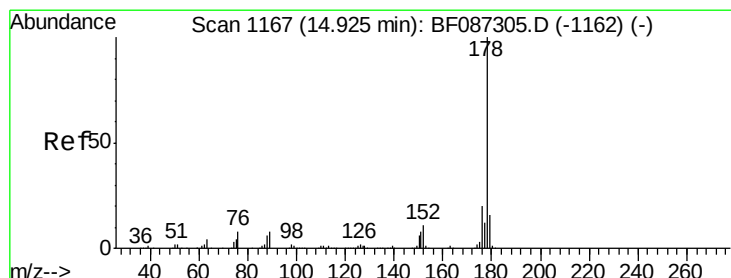
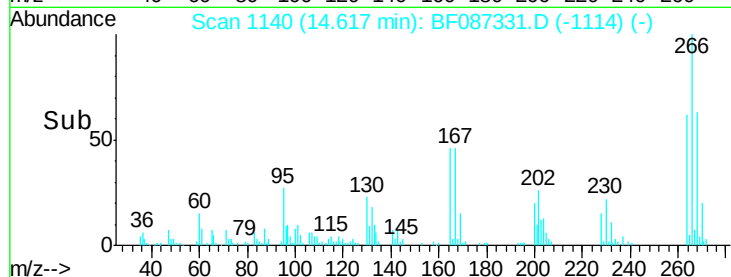
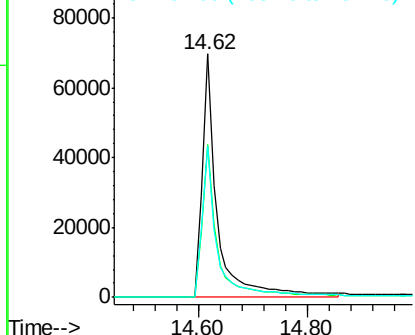
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	135056		
268	62.5	51.5	77.3	
264	62.2	52.9	79.3	

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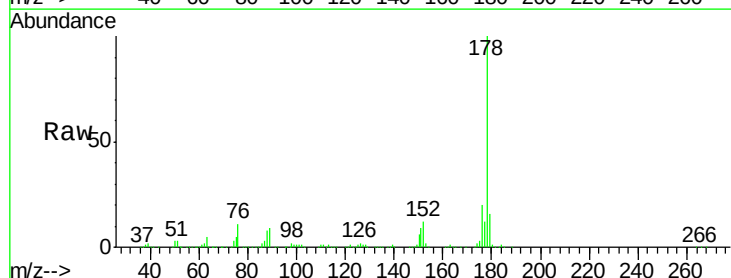


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

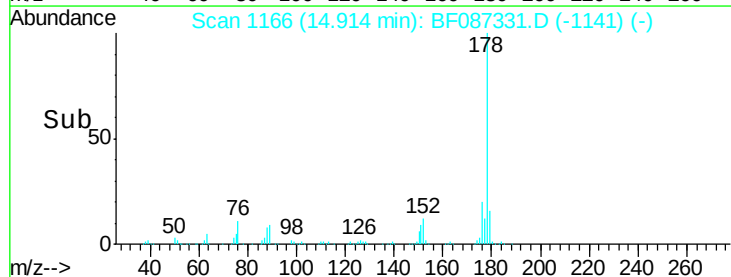
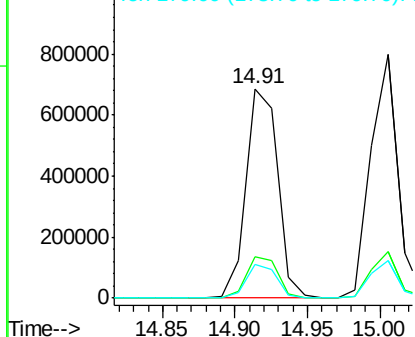


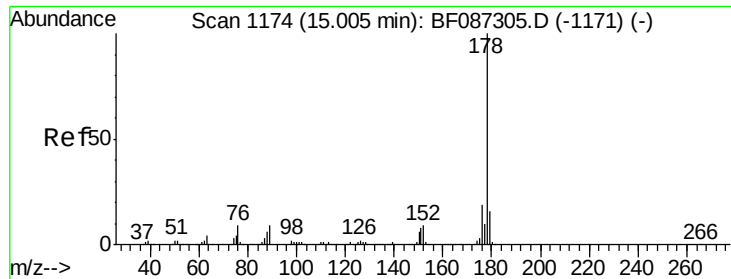
#70
 Phenanthrene
 Concen: 38.51 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1039951		
176	19.9	16.0	24.0	
179	15.8	12.6	18.8	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





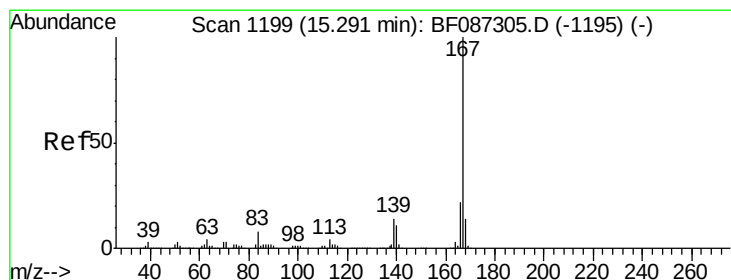
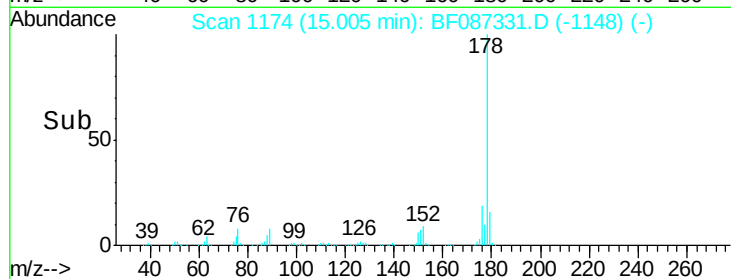
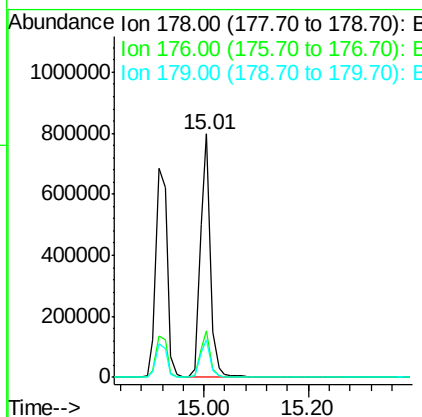
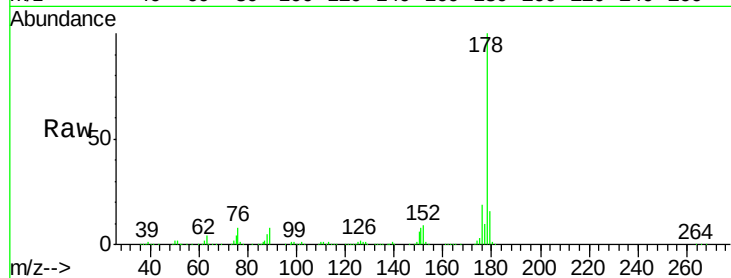
#71
 Anthracene
 Concen: 38.74 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion:178 Resp: 1056810
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.6 12.7 19.1

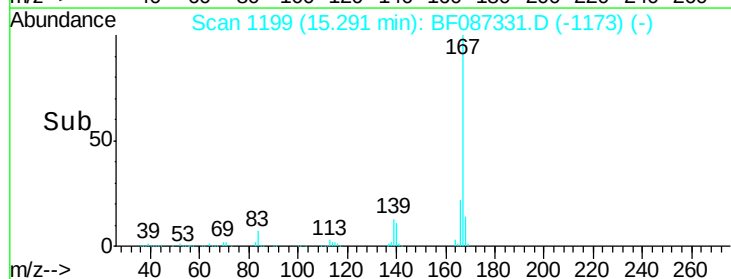
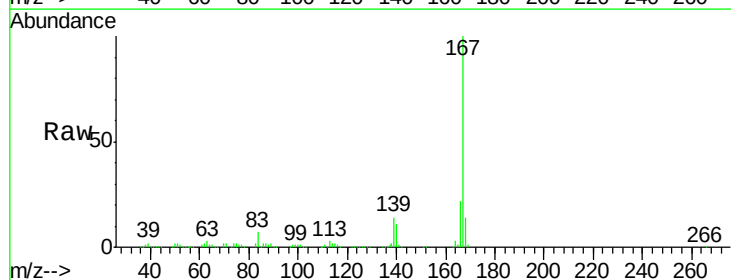
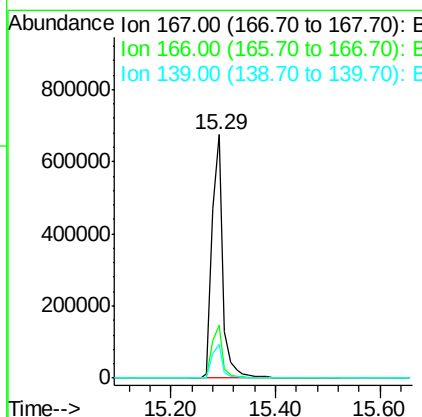
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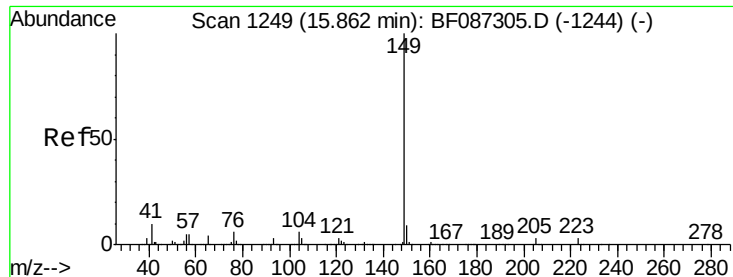
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#72
 Carbazole
 Concen: 41.41 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion:167 Resp: 963491
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

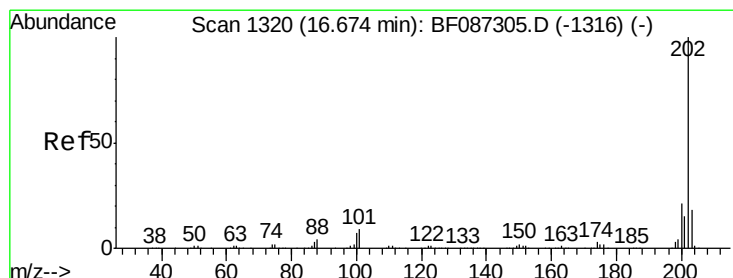
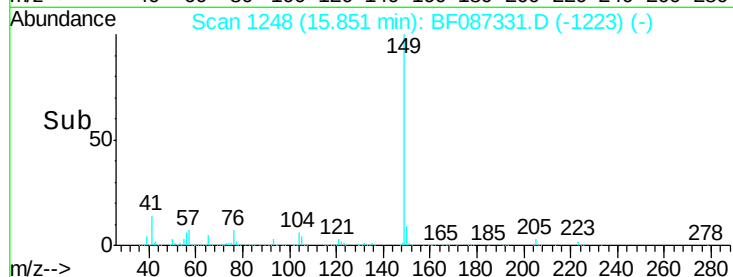
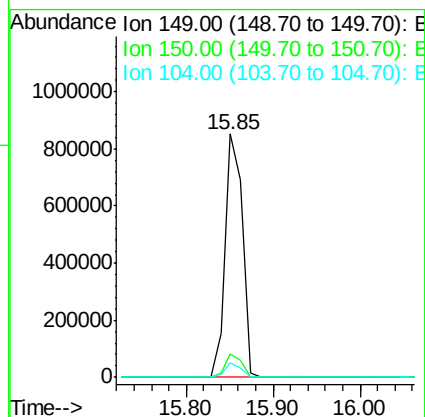
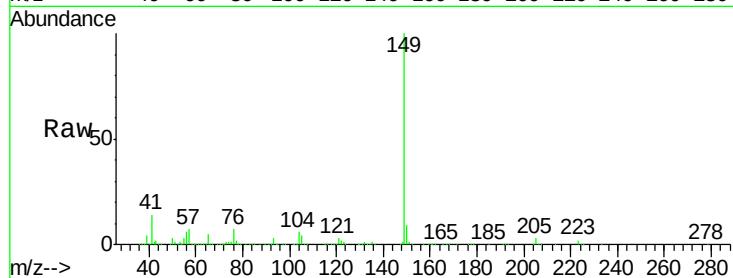
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Tgt Ion:149 Resp: 1184180

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	6.2	3.8	5.6

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#74

Fluoranthene

Concen: 37.12 ng

RT: 16.66 min Scan# 1319

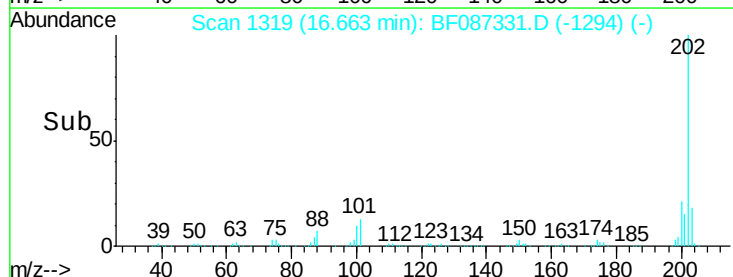
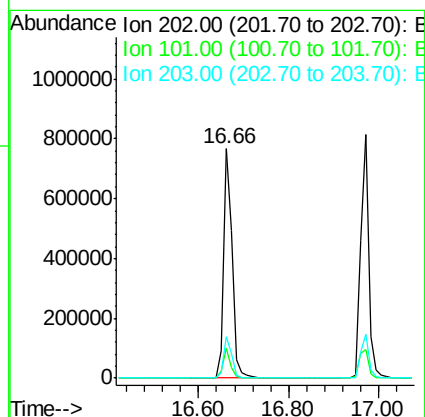
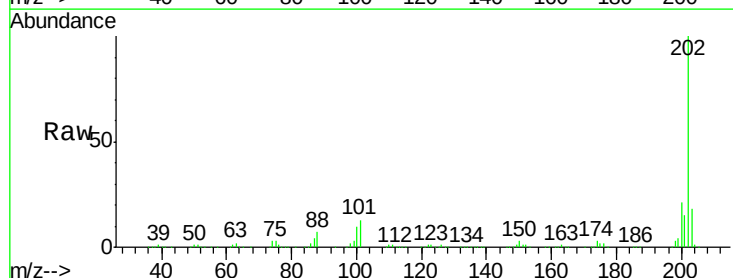
Delta R.T. -0.01 min

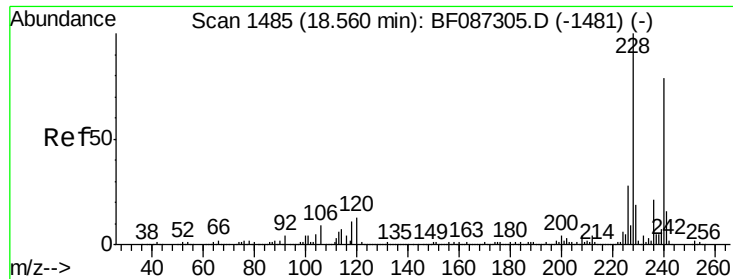
Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:202 Resp: 1005253

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

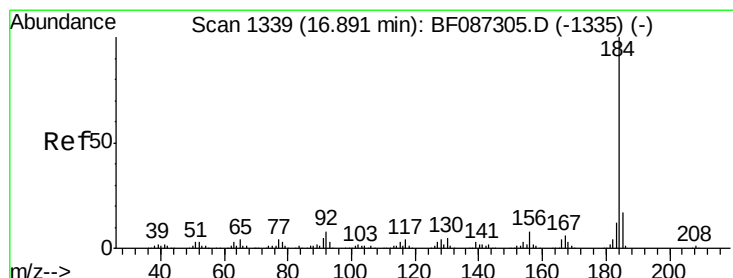
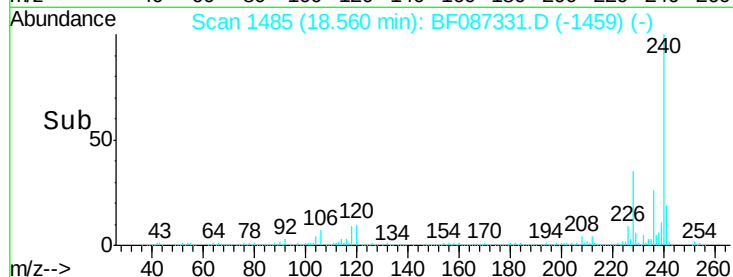
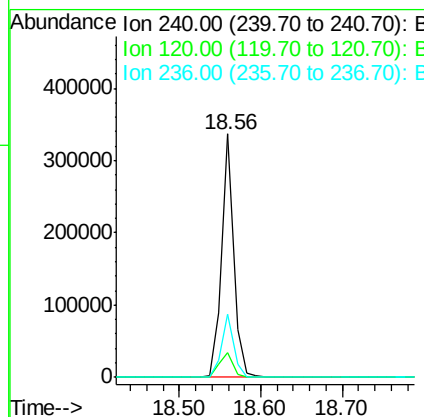
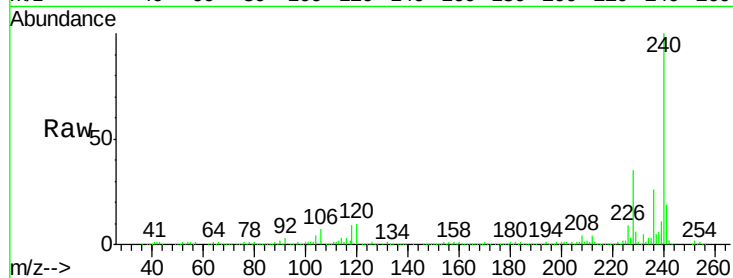
ClientSampleId :

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Tgt Ion:	240	Resp:	346651
Ion Ratio	Lower	Upper	
240	100		
120	10.2	11.2	16.8#
236	25.8	21.2	31.8

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#76

Benzidine

Concen: 30.01 ng

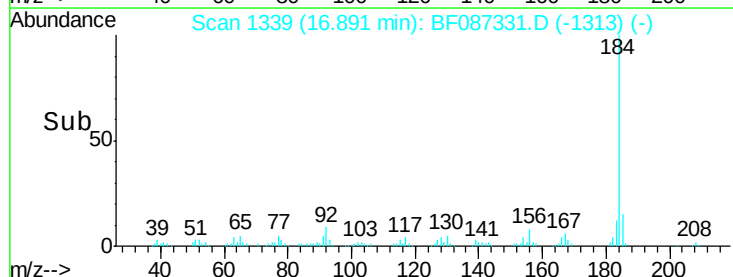
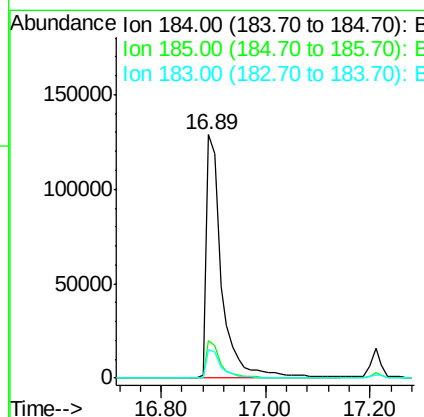
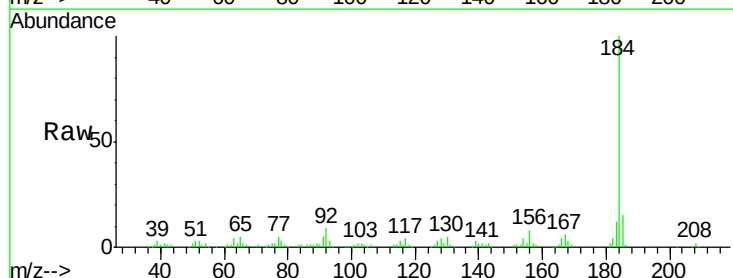
RT: 16.89 min Scan# 1339

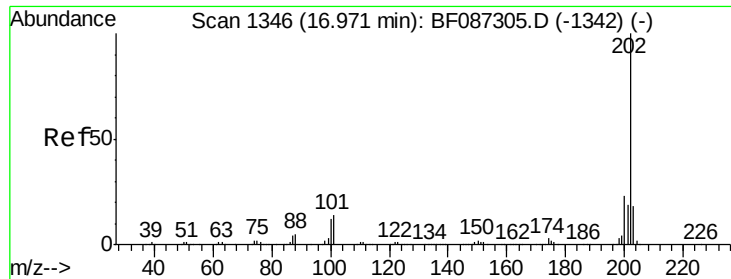
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	184	Resp:	267657
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.6	20.4
183	11.8	9.8	14.6





#77

Pyrene

Concen: 40.59 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF087331.D

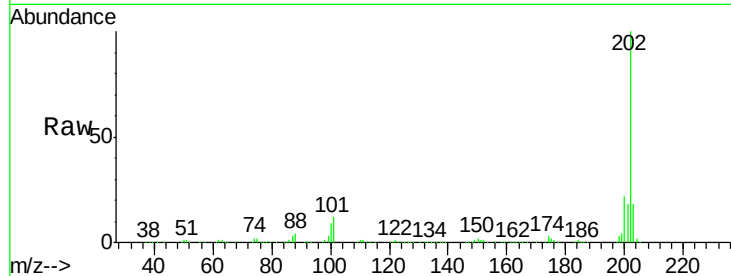
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

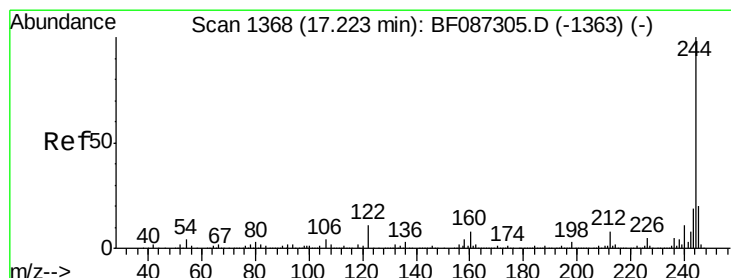
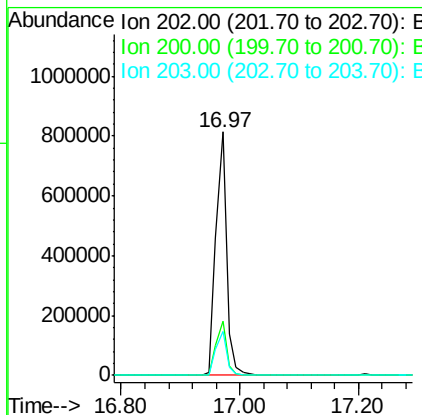
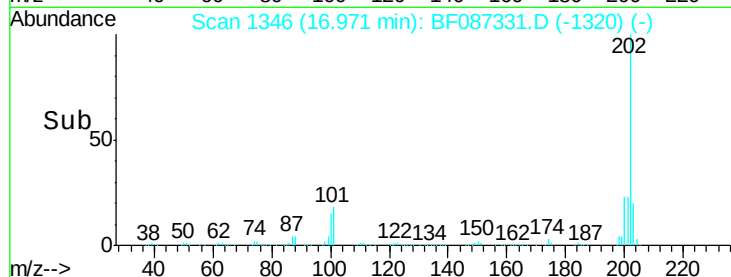
SB-22-COMPMS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	14.2	21.4

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#78

Terphenyl-d14

Concen: 72.53 ng

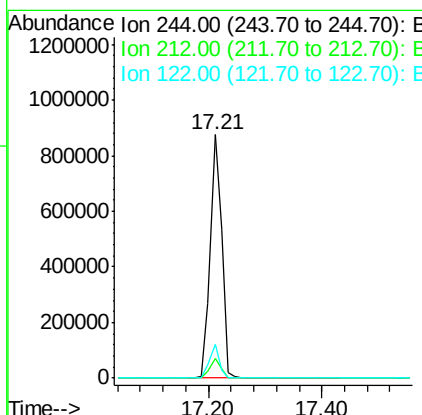
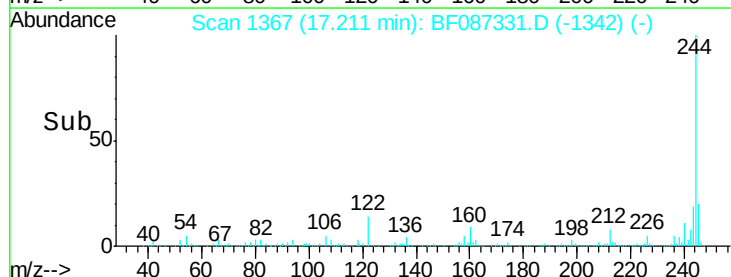
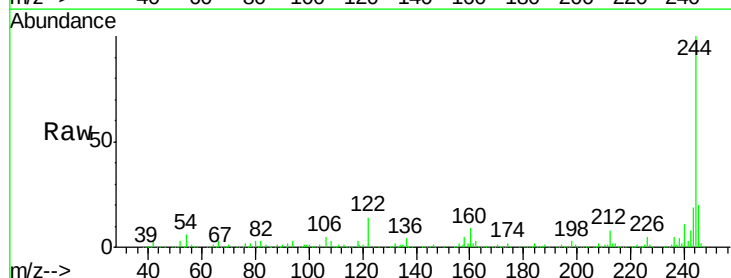
RT: 17.21 min Scan# 1367

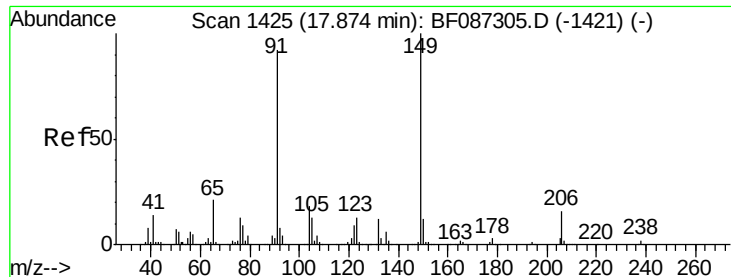
Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.8	12.0	18.0





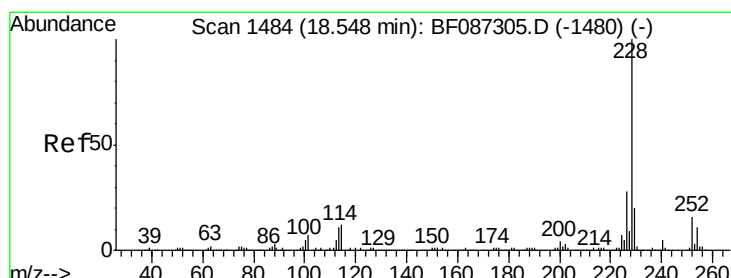
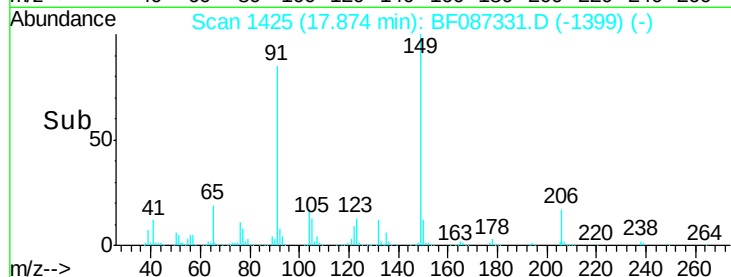
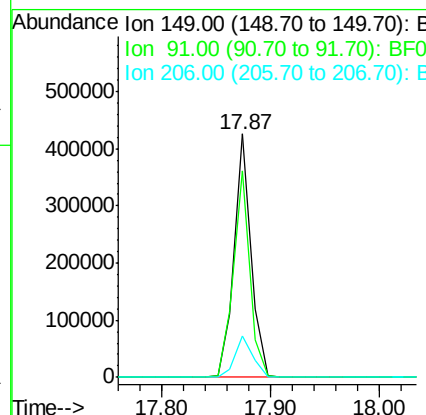
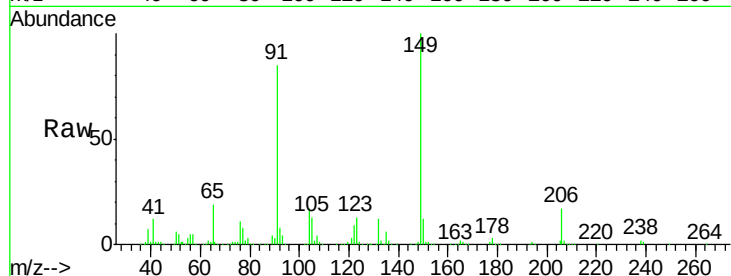
#79
Butylbenzylphthalate
Concen: 41.09 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	454701		
91	85.0	48.0	72.0#	
206	16.8	15.8	23.6	

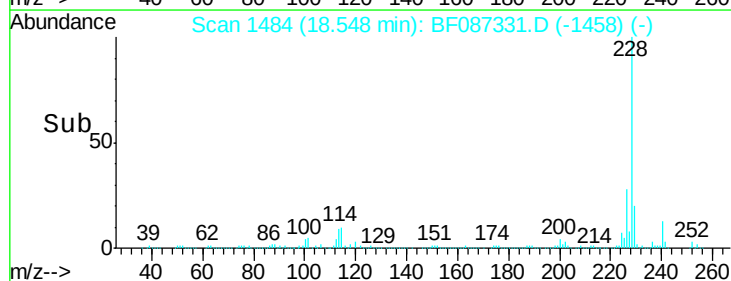
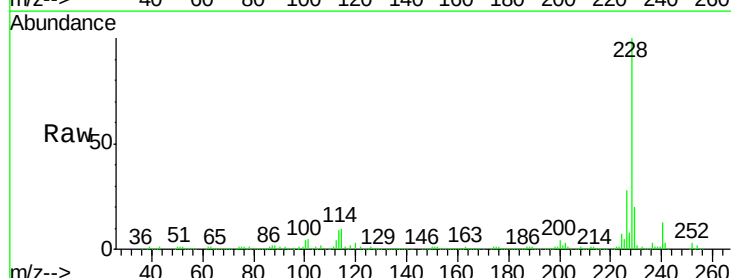
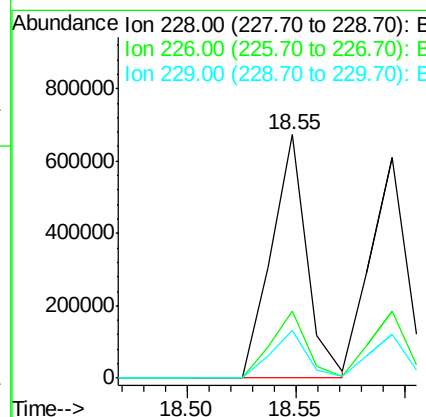
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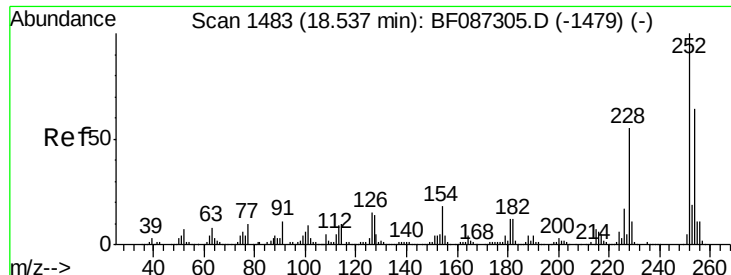
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#80
Benzo(a)anthracene
Concen: 38.81 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	765348		
226	27.6	22.5	33.7	
229	19.8	16.6	25.0	





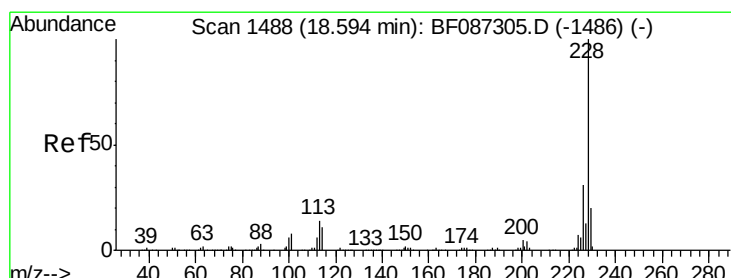
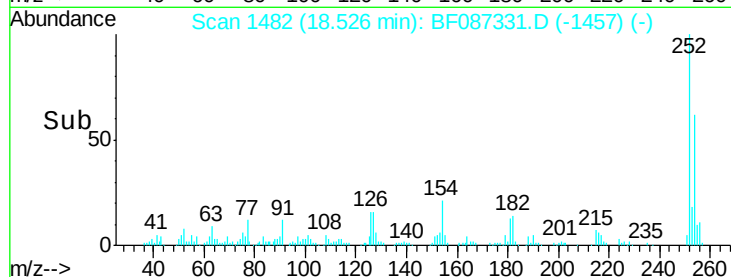
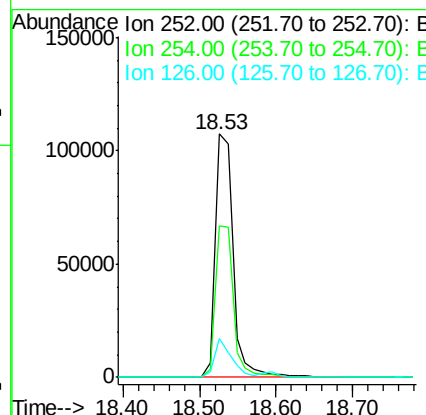
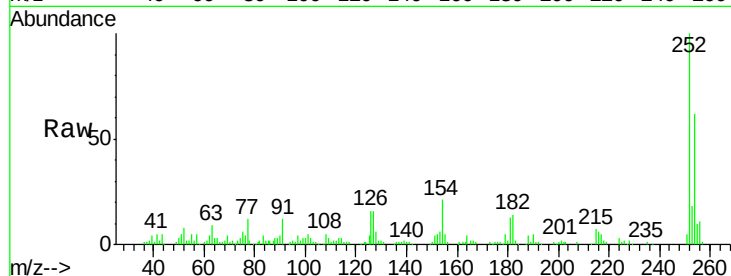
#81
 3,3'-Dichlorobenzidine
 Concen: 15.82 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.2	50.7	76.1
126	16.2	12.7	19.1

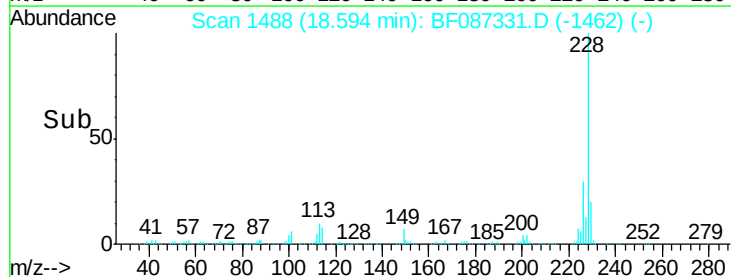
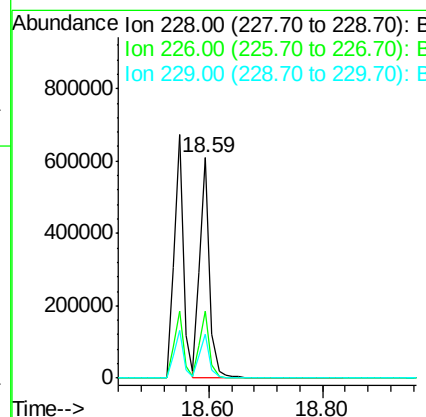
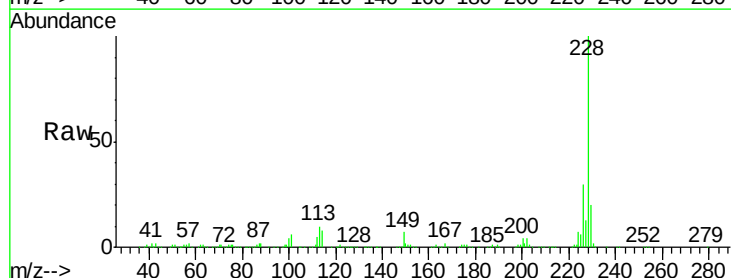
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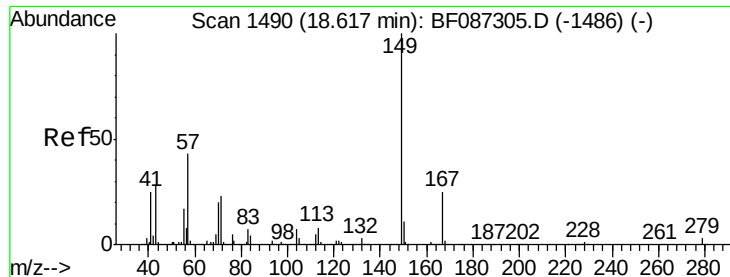
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#82
 Chrysene
 Concen: 37.43 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.4	36.6
229	19.7	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.21 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF087331.D

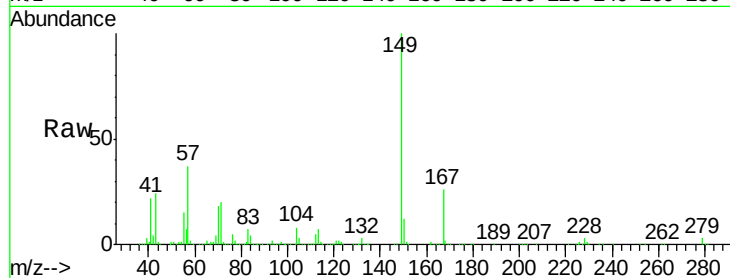
Acq: 24 May 2016 8:59

Instrument :

BNA_F

ClientSampleId :

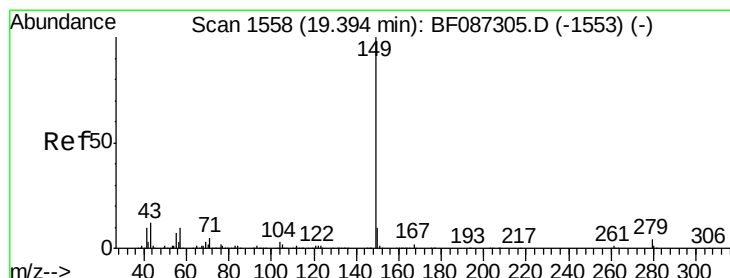
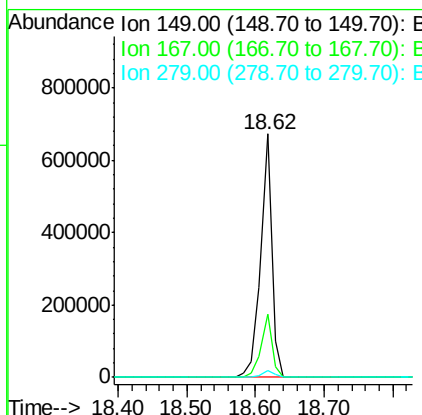
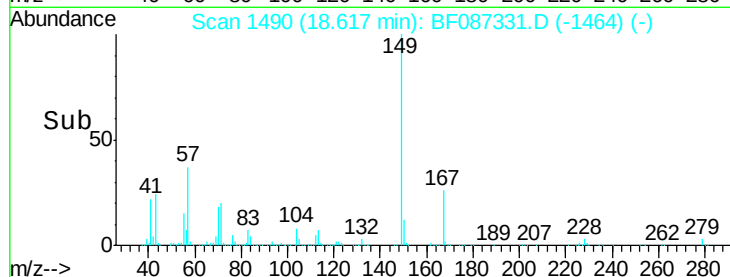
SB-22-COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	746221		
167	25.8	21.8	32.6	
279	2.8	2.6	4.0	

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#84

Di-n-octyl phthalate

Concen: 40.51 ng

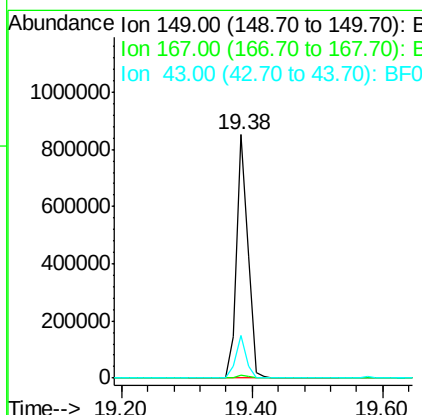
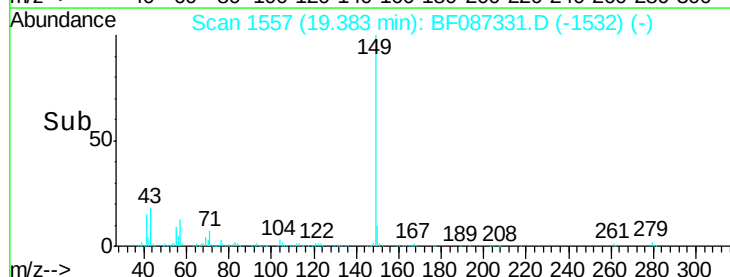
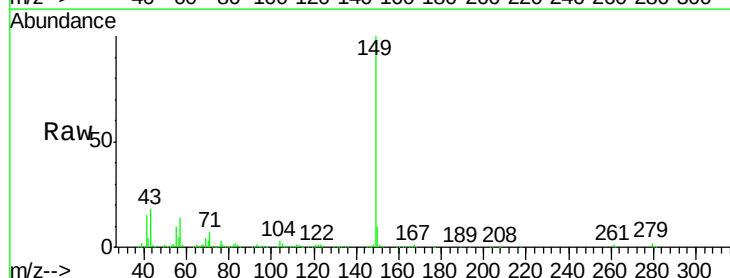
RT: 19.38 min Scan# 1557

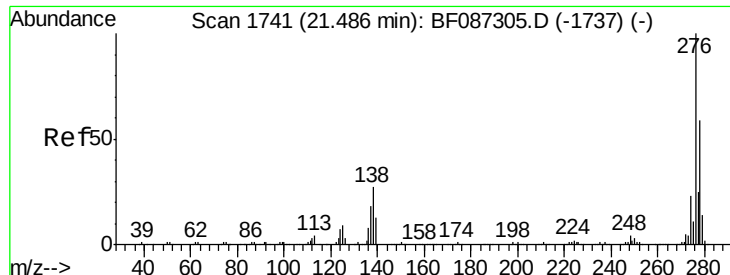
Delta R.T. -0.01 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	997548		
167	1.5	1.2	1.8	
43	16.4	8.2	12.4#	





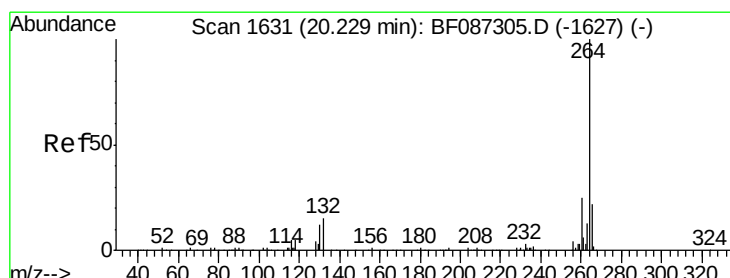
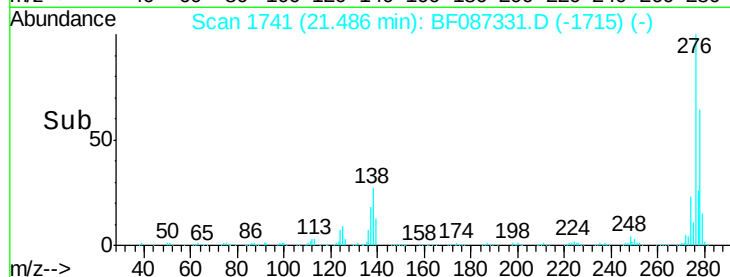
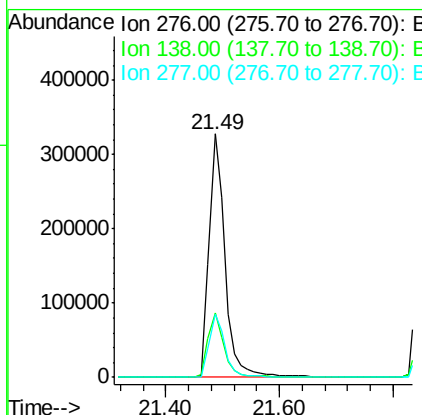
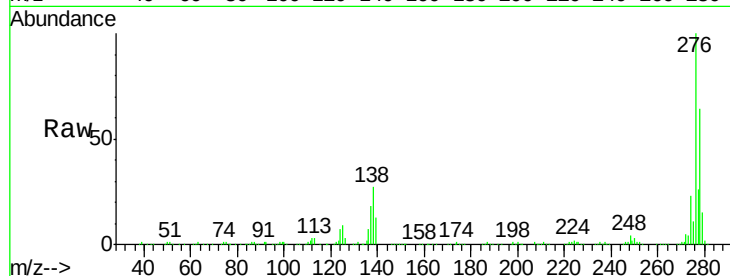
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.57 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	620801		
138	27.1	25.6	38.4	
277	25.8	20.5	30.7	

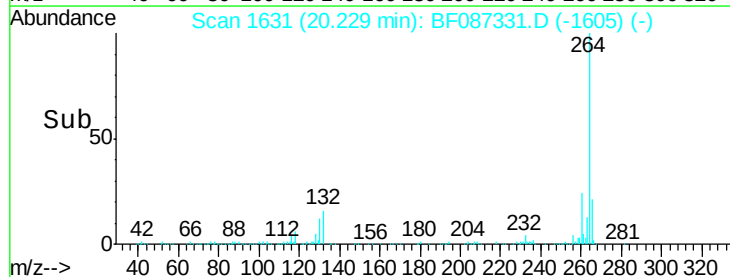
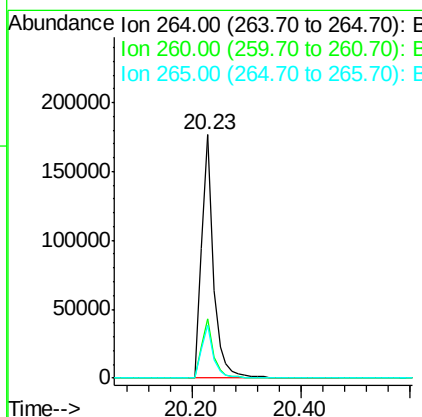
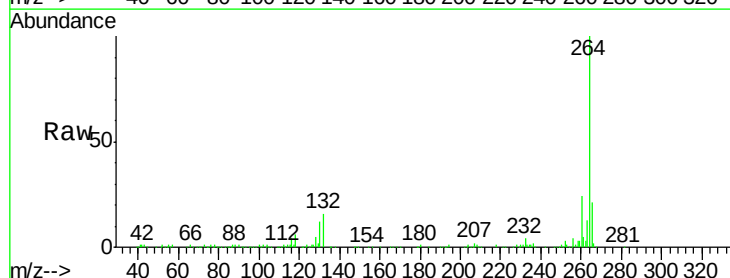
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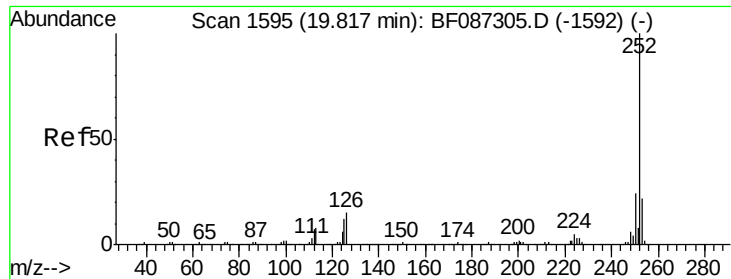
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	264081		
260	24.2	19.5	29.3	
265	21.5	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 35.07 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Instrument :

BNA_F

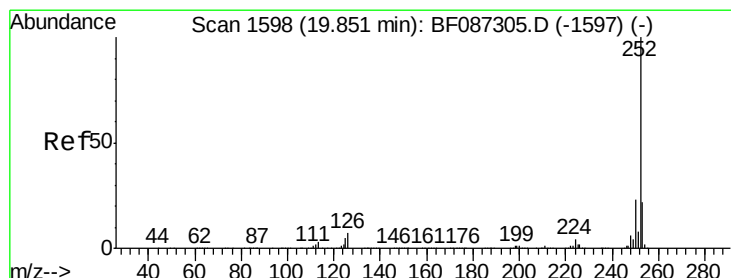
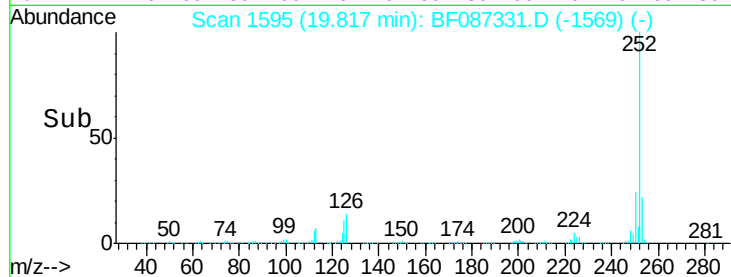
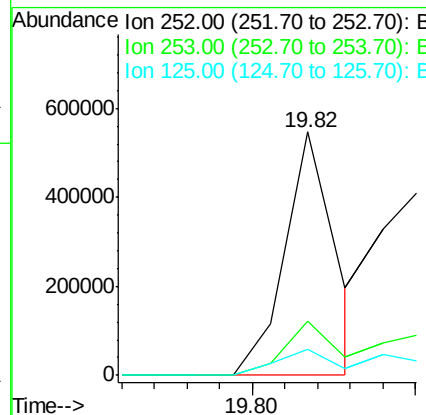
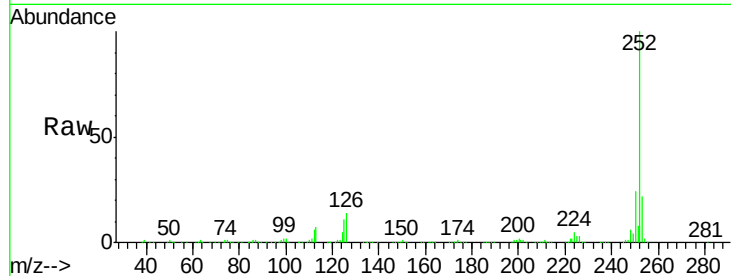
ClientSampleId :

SB-22-COMPMS

Tgt Ion:	252	Resp:	589893
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	10.5	11.4	17.0#

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#88

Benzo(k)fluoranthene

Concen: 44.07 ng m

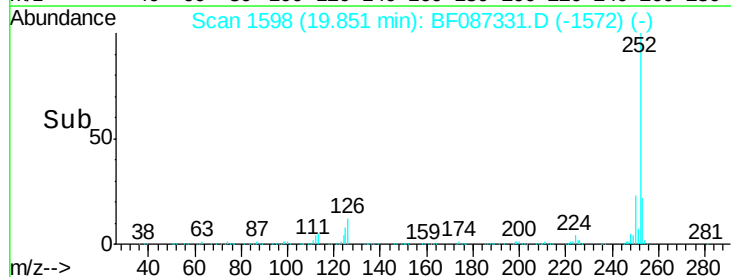
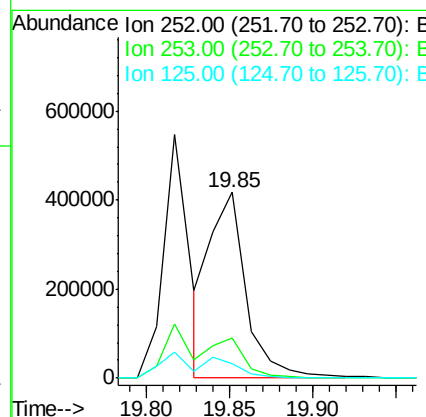
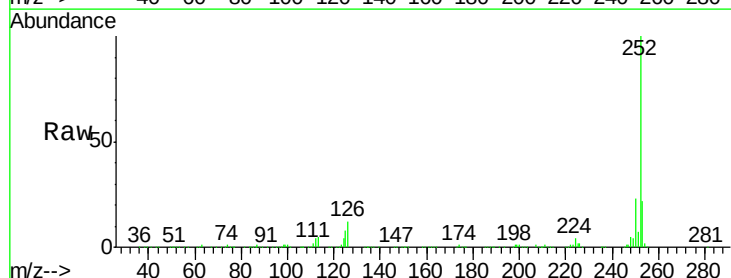
RT: 19.85 min Scan# 1598

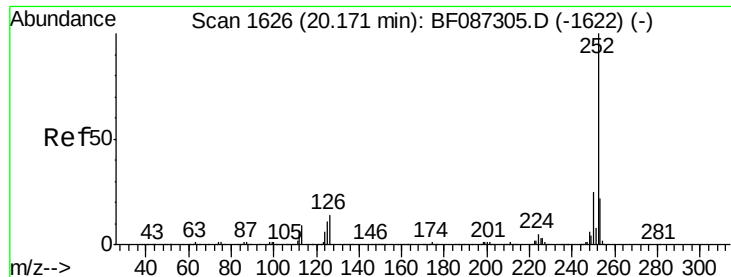
Delta R.T. 0.00 min

Lab File: BF087331.D

Acq: 24 May 2016 8:59

Tgt Ion:	252	Resp:	638115
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	7.7	9.1	13.7#





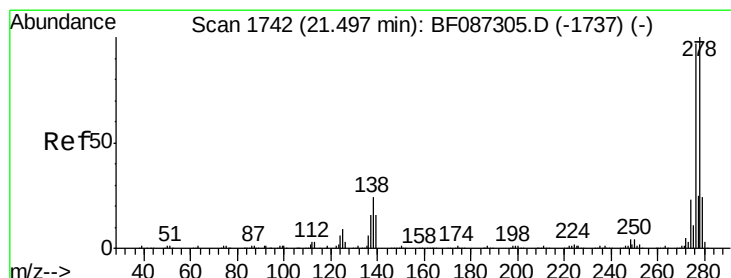
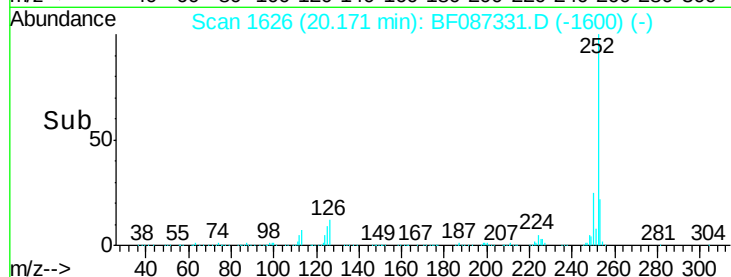
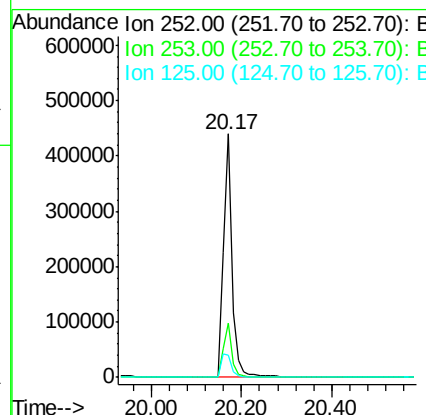
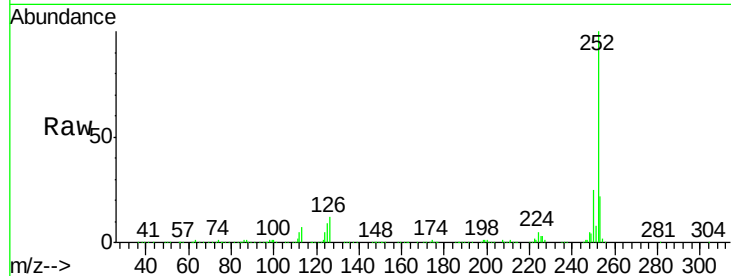
#89
Benzo(a)pyrene
Concen: 40.05 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Instrument :
BNA_F
ClientSampleId :
SB-22-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.3	9.0	13.6

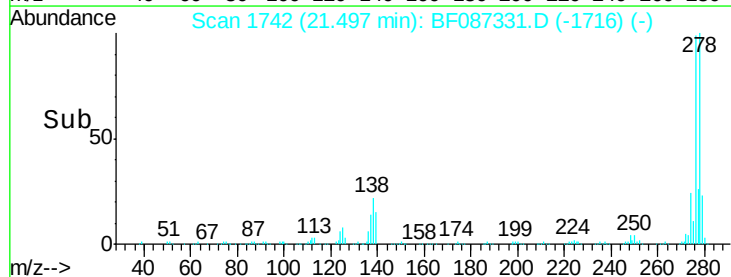
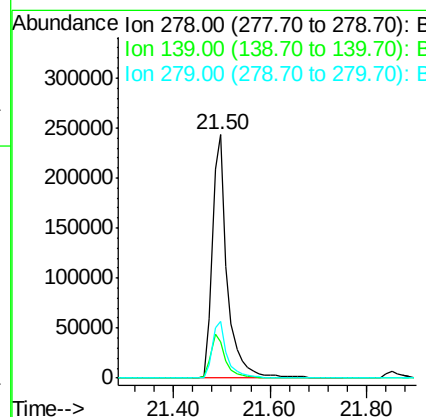
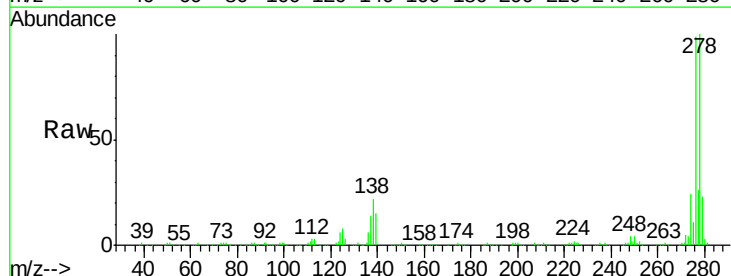
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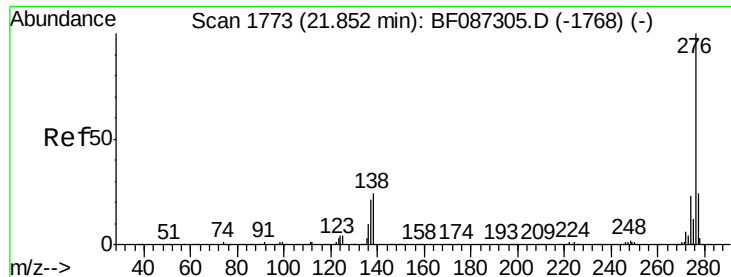
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#90
Dibenzo(a,h)anthracene
Concen: 42.67 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087331.D
Acq: 24 May 2016 8:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.6	24.8#
279	23.4	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.44 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087331.D
 Acq: 24 May 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMPMS

Tgt Ion:	276	Resp:	519596
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.6	29.4
138	23.0	23.6	35.4#

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