

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086424.D
 Acq On : 27 Apr 2016 15:15
 Operator : UM/SJ
 Sample : PB90056BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Manual Integrations
 APPROVED

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 4/28/2016 2:14:08 PM

Quant Time: Apr 28 13:14:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118563	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490882	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	245404	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	445008	20.00	ng	0.00
75) Chrysene-d12	13.96	240	319841	20.00	ng	0.00
86) Perylene-d12	15.36	264	257808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	782497	113.84	ng	0.01
7) Phenol-d6	6.44	99	1057735	110.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	691584	75.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	316833	122.43	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1256358	90.94	ng	0.00
78) Terphenyl-d14	12.91	244	1155135	79.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	108824	30.14	ng	# 77
3) Pyridine	3.13	79	299362	35.03	ng	# 76
4) n-Nitrosodimethylamine	3.07	42	189995	39.01	ng	# 59
6) Aniline	6.46	93	399317	34.40	ng	98
8) 2-Chlorophenol	6.59	128	336511	39.31	ng	98
9) Benzaldehyde	6.35	77	57596	10.32	ng	92
10) Phenol	6.45	94	421826	39.41	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	369708	39.96	ng	93
12) 1,3-Dichlorobenzene	6.74	146	324149m	35.20	ng	
13) 1,4-Dichlorobenzene	6.82	146	341554	35.95	ng	95
14) 1,2-Dichlorobenzene	6.98	146	320876	36.82	ng	95
15) Benzyl Alcohol	6.94	79	264874	43.64	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	696377	37.60	ng	89
17) 2-Methylphenol	7.07	107	280344	40.51	ng	97
18) Hexachloroethane	7.32	117	129085	36.36	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	246868	38.93	ng	# 70
20) 3+4-Methylphenols	7.22	107	318880	40.36	ng	99
22) Acetophenone	7.22	105	453671	42.15	ng	# 88
24) Nitrobenzene	7.39	77	380700	40.64	ng	98
25) Isophorone	7.63	82	688568	39.29	ng	99
26) 2-Nitrophenol	7.71	139	178306	41.34	ng	97
27) 2,4-Dimethylphenol	7.74	122	296090	39.12	ng	91
28) bis(2-Chloroethoxy)methane	7.85	93	435996	45.66	ng	99
29) 2,4-Dichlorophenol	7.95	162	281339	44.06	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	283397	38.26	ng	96
31) Naphthalene	8.11	128	968383	38.77	ng	99
32) Benzoic acid	7.88	122	147246	35.03	ng	96
33) 4-Chloroaniline	8.17	127	299820	32.05	ng	99
34) Hexachlorobutadiene	8.24	225	162457	39.12	ng	98
35) Caprolactam	8.53	113	89474m	42.00	ng	
36) 4-Chloro-3-methylphenol	8.65	107	303402	41.50	ng	93
37) 2-Methylnaphthalene	8.81	142	641979	43.56	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243071	34.60	ng	# 97
40) Hexachlorocyclopentadiene	8.96	237	281320	80.59	ng	96

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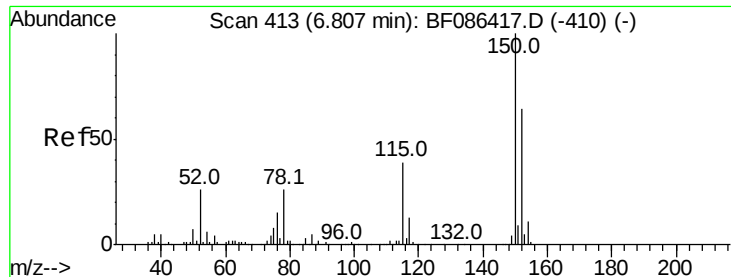
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	179493	40.42	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	191657	39.60	nq	95
45) 1,1'-Biphenyl	9.26	154	762258	37.16	nq	96
46) 2-Chloronaphthalene	9.29	162	576293	36.95	nq	92
47) 2-Nitroaniline	9.39	65	222151	44.42	nq	89
48) Acenaphthylene	9.71	152	952763	39.08	nq	99
49) Dimethylphthalate	9.57	163	688001	37.24	nq	100
50) 2,6-Dinitrotoluene	9.63	165	144840	37.95	nq	# 82
51) Acenaphthene	9.88	154	682623	43.59	nq	99
52) 3-Nitroaniline	9.80	138	139968	32.25	nq	93
53) 2,4-Dinitrophenol	9.90	184	150199	72.76	nq	# 74
54) Dibenzofuran	10.05	168	850105	43.44	nq	100
55) 4-Nitrophenol	9.97	139	246410	86.70	nq	94
56) 2,4-Dinitrotoluene	10.04	165	200426	41.19	nq	# 79
57) Fluorene	10.40	166	643218	37.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	174341	46.08	nq	96
59) Diethylphthalate	10.27	149	641079	36.66	nq	100
60) 4-Chlorophenyl-phenylether	10.38	204	294758	38.21	nq	92
61) 4-Nitroaniline	10.42	138	177611	41.86	nq	85
62) Azobenzene	10.54	77	807573	42.16	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105426	40.35	nq	# 60
65) n-Nitrosodiphenylamine	10.51	169	588634	42.32	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	193795	42.26	nq	# 88
67) Hexachlorobenzene	10.93	284	202280	38.11	nq	# 68
68) Atrazine	11.04	200	192031	45.98	nq	96
69) Pentachlorophenol	11.13	266	216600	77.40	nq	97
70) Phenanthrene	11.34	178	919913	39.39	nq	100
71) Anthracene	11.40	178	1013957	40.68	nq	100
72) Carbazole	11.56	167	926358	41.94	nq	99
73) Di-n-butylphthalate	11.89	149	1075132	42.96	nq	99
74) Fluoranthene	12.53	202	995804	42.24	nq	97
76) Benzidine	12.66	184	383466	34.89	nq	97
77) Pyrene	12.76	202	998561	43.33	nq	99
79) Butylbenzylphthalate	13.38	149	424734	42.55	nq	# 63
80) Benzo(a)anthracene	13.95	228	697840	40.92	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	177687	15.59	nq	# 96
82) Chrysene	13.99	228	821646	44.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	529657	42.75	nq	# 99
84) Di-n-octyl phthalate	14.56	149	906807	46.74	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.72	276	559908	40.77	nq	97
87) Benzo(b)fluoranthene	14.97	252	701270m	46.24	nq	
88) Benzo(k)fluoranthene	14.99	252	592015m	37.42	nq	
89) Benzo(a)pyrene	15.30	252	587226	41.01	nq	# 96
90) Dibenzo(a,h)anthracene	16.74	278	469303	40.05	nq	# 95
91) Benzo(g,h,i)perylene	17.13	276	466567	39.73	nq	93

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



#1

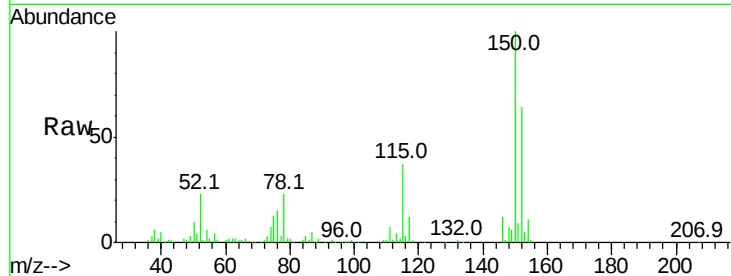
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
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ClientSampleId :
PB90056BS

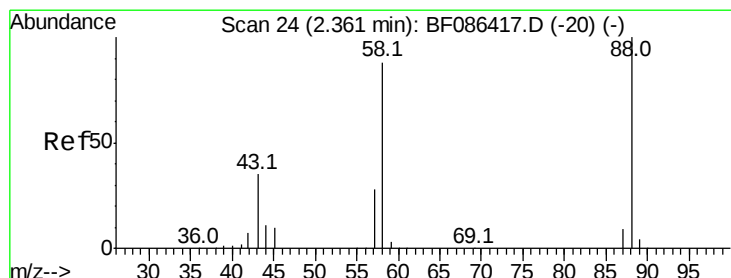
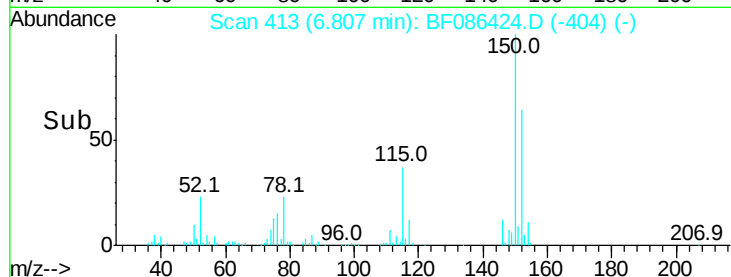
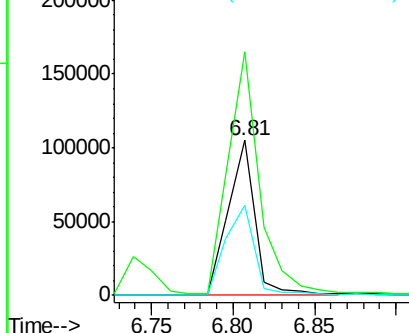
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	58.5	51.5	77.3

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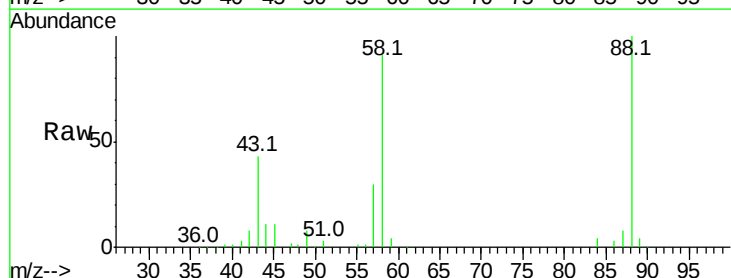
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



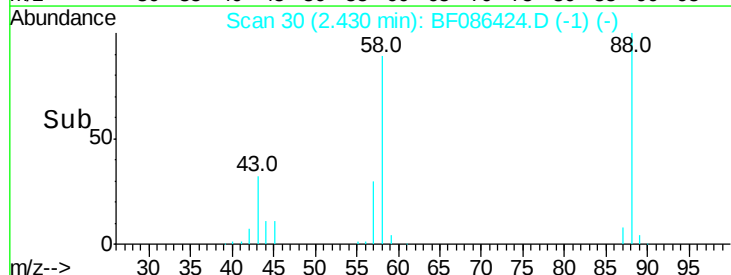
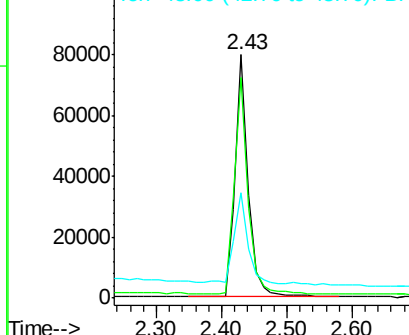
#2

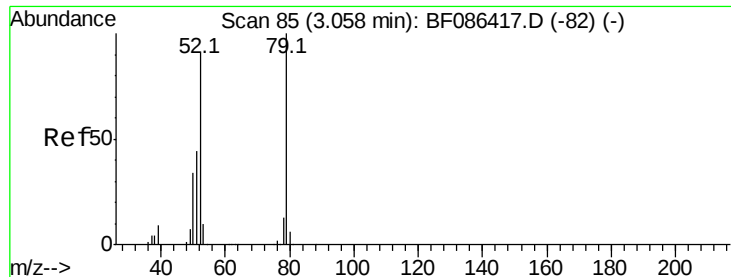
1,4-Dioxane
Concen: 30.14 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.07 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	59.6	89.4#
43	43.8	21.8	32.6#



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





#3

Pvridine

Concen: 35.03 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

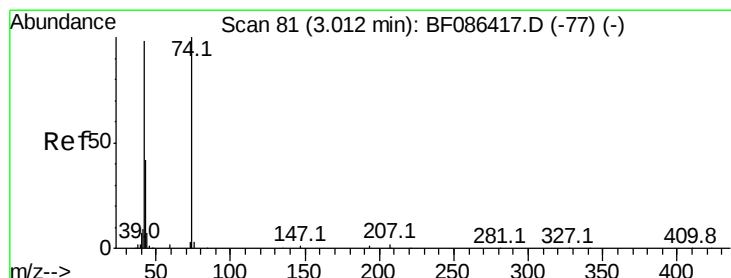
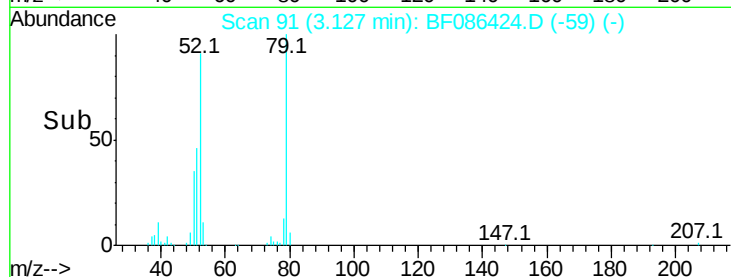
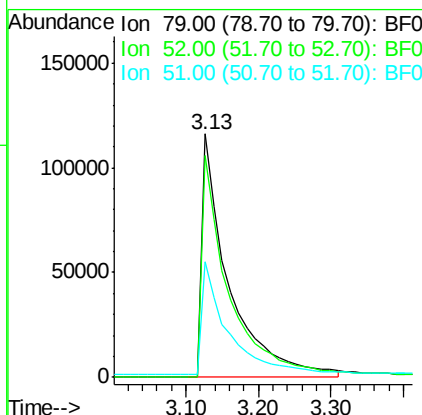
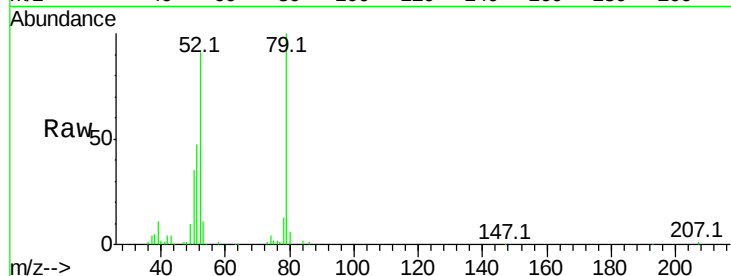
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
79	100		
52	91.1	55.9	83.9#
51	47.3	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 39.01 ng

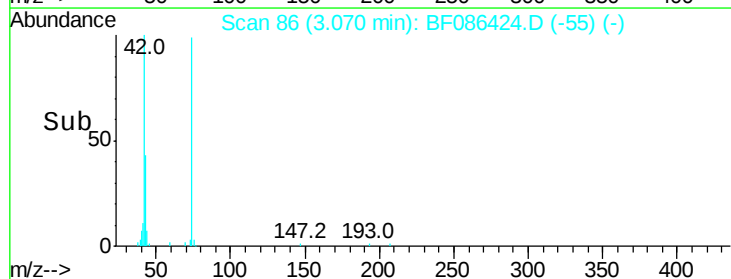
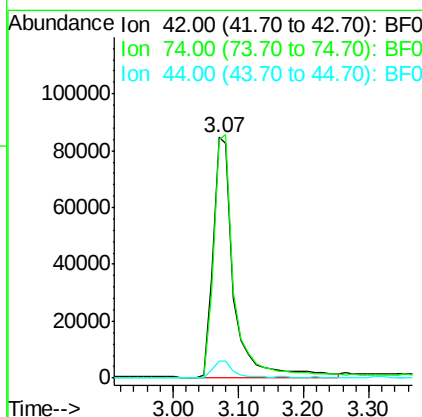
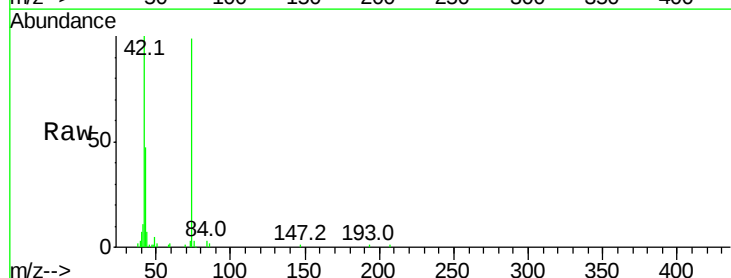
RT: 3.07 min Scan# 86

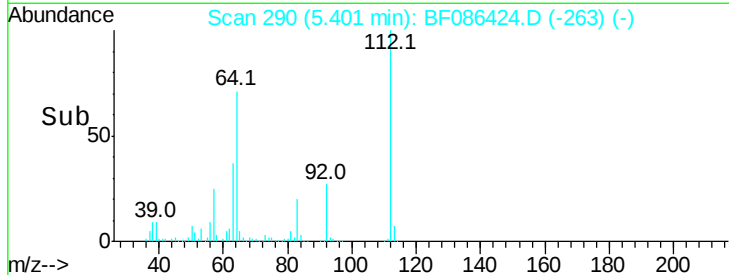
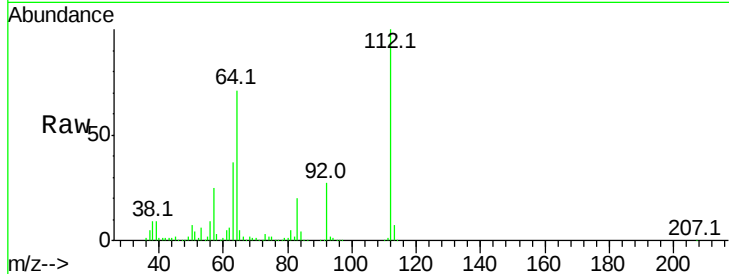
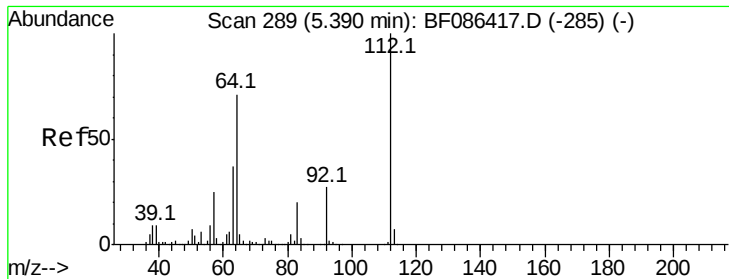
Delta R.T. 0.06 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.9	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 113.84 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086424.D

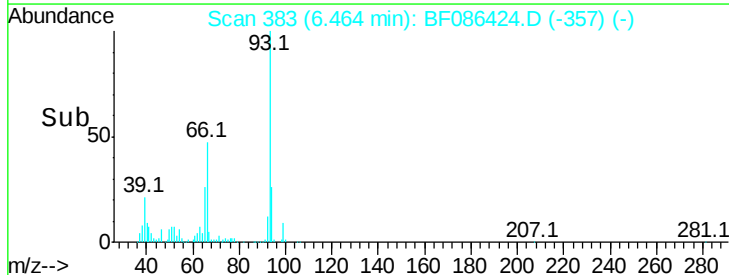
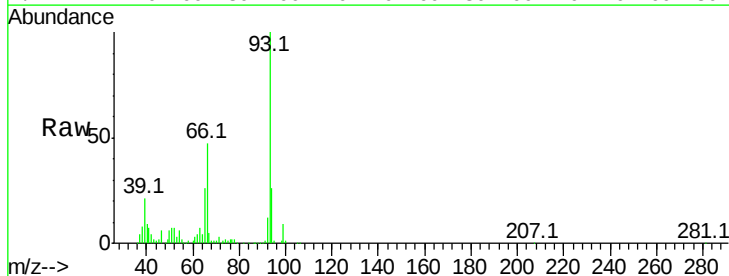
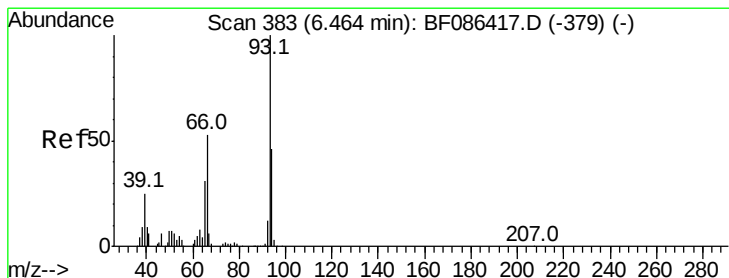
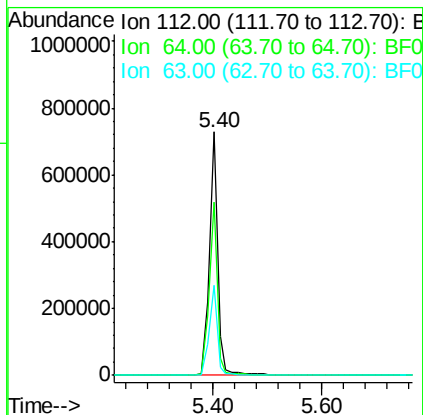
Acq: 27 Apr 2016 15:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
782497	112	100			
	64	71.2	52.1	78.1	
	63	37.1	25.7	38.5	

Instrument :
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#6

Aniline

Concen: 34.40 ng

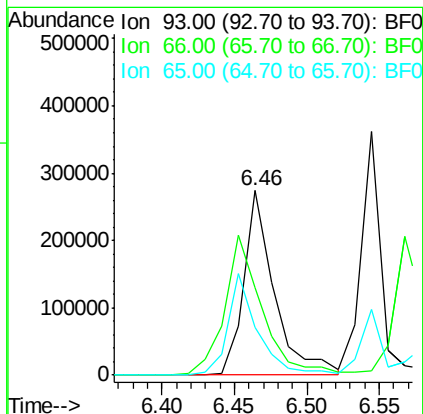
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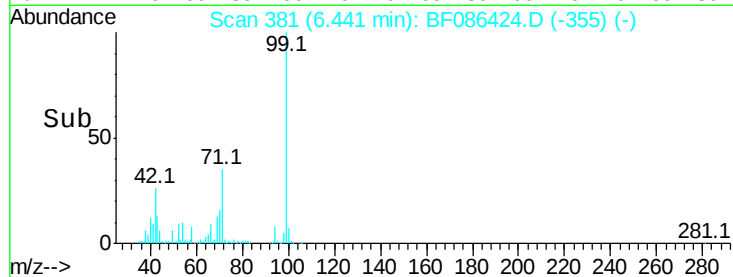
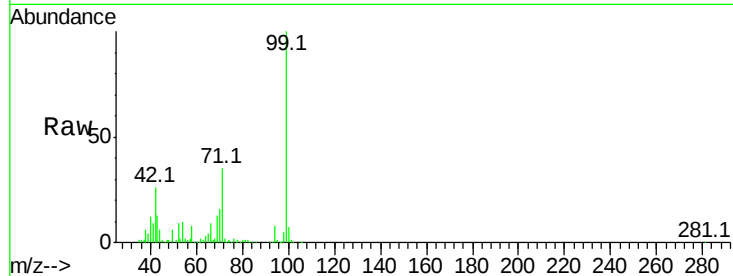
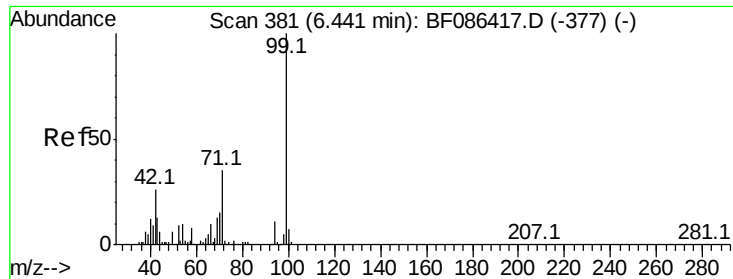
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
399317	93	100			
	66	47.3	39.0	58.6	
	65	25.7	20.6	31.0	





#7

Phenol-d6

Concen: 110.26 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tot Ion: 99 Resp: 1057735

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

71 35.2 24.6 36.8

Instrument :

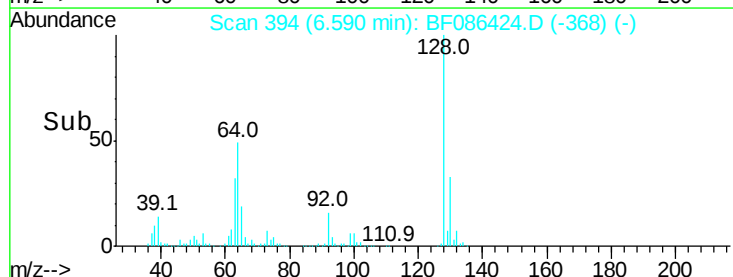
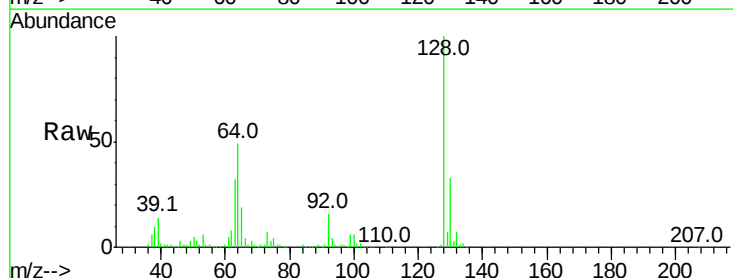
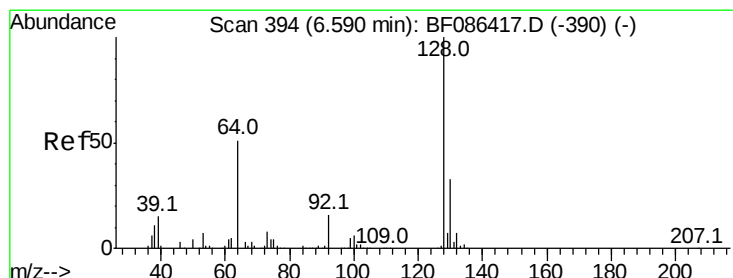
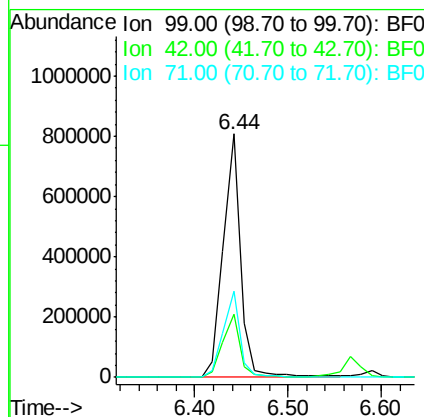
BNA_F

ClientSampled :

PB90056BS

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#8

2-Chlorophenol

Concen: 39.31 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

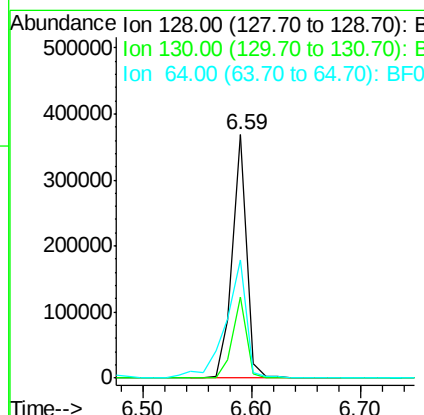
Tgt Ion:128 Resp: 336511

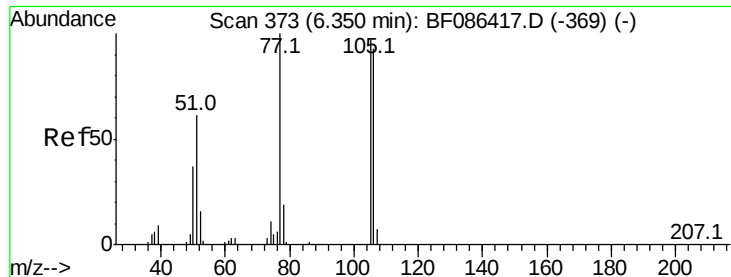
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 48.8 27.3 67.3





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

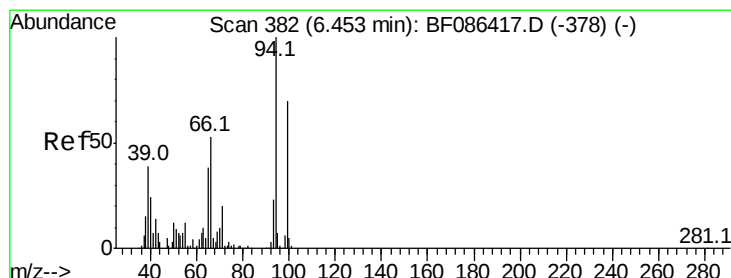
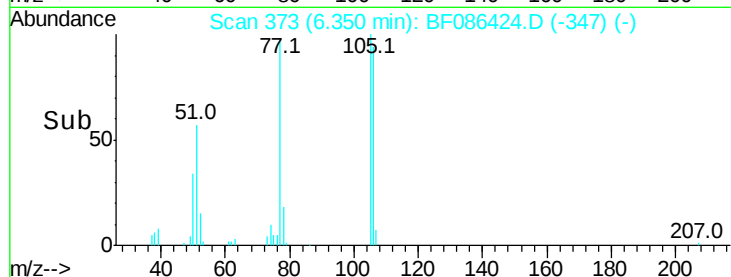
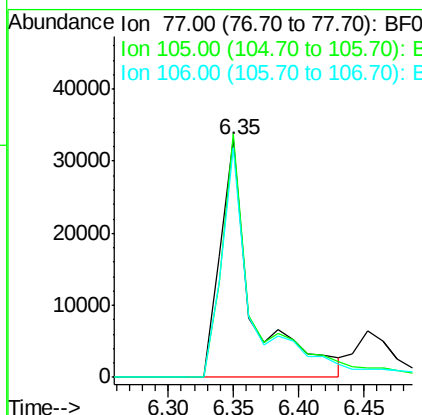
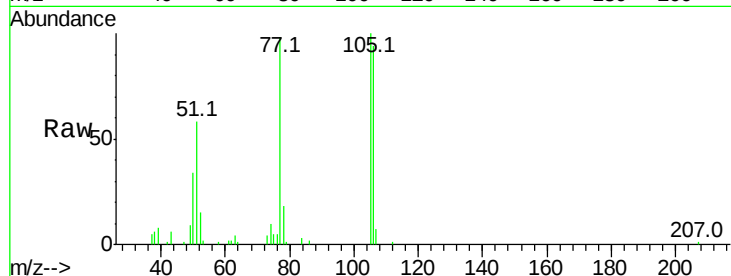
ClientSampleId :

PB90056BS

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Tot Ion	77	Resp	57596
Ion	Ratio	Lower	Upper
77	100		
105	102.3	72.7	112.7
106	96.6	70.8	110.8



#10

Phenol

Concen: 39.41 ng

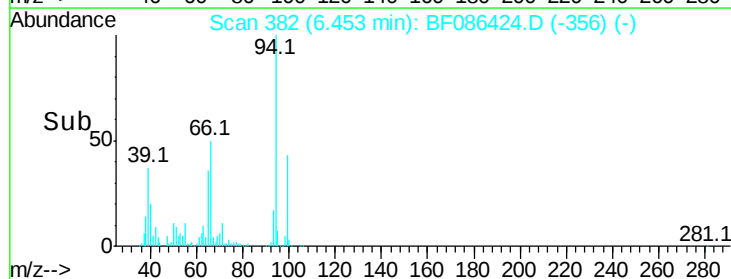
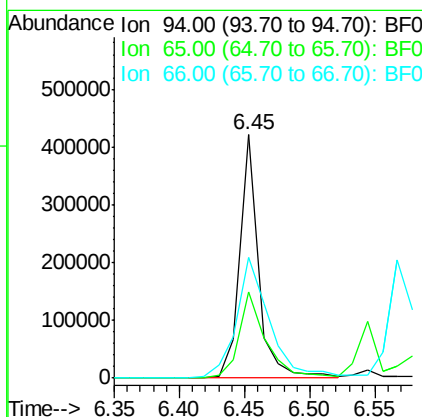
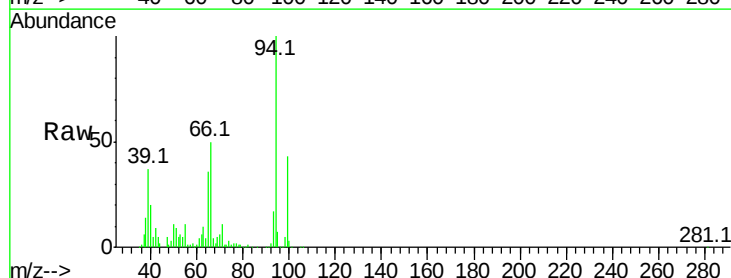
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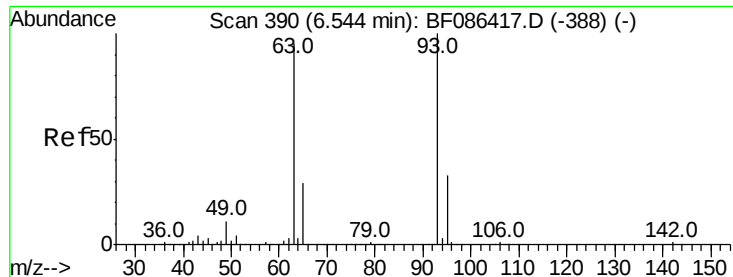
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion	94	Resp	421826
Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.2	47.2
66	49.6	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.96 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

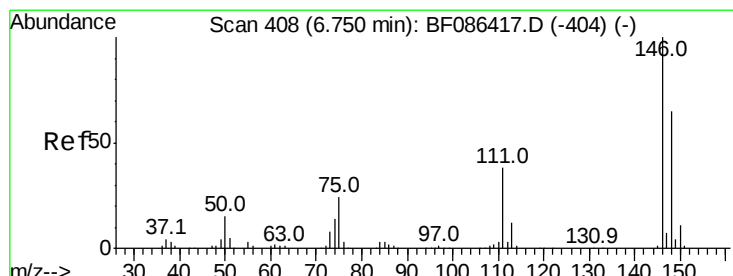
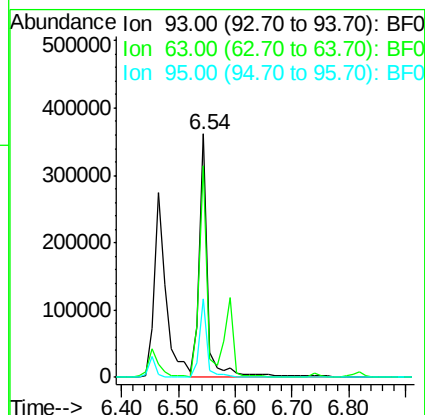
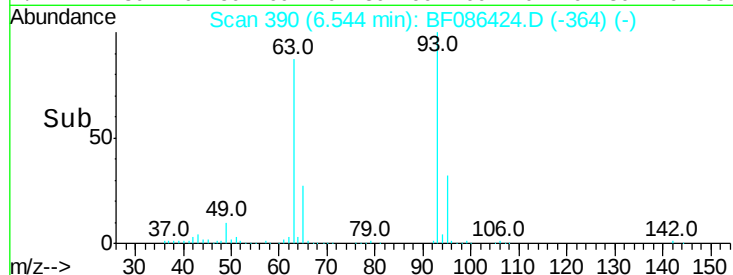
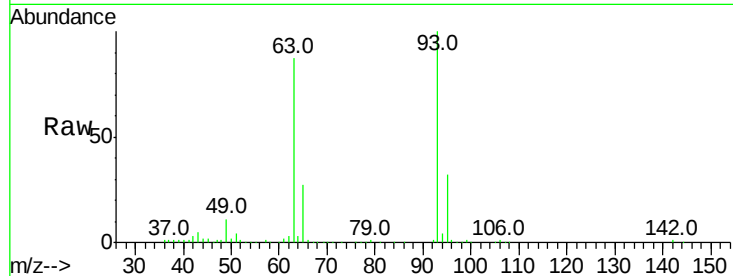
ClientSampleID :

PB90056BS

Tot Ion:	93	Resp:	369708
Ion Ratio	Lower	Upper	
93	100		
63	86.9	58.0	98.0
95	32.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 35.20 ng m

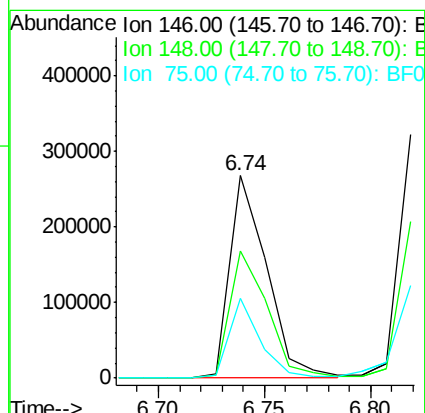
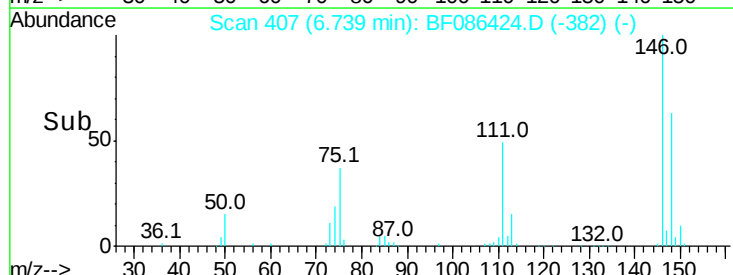
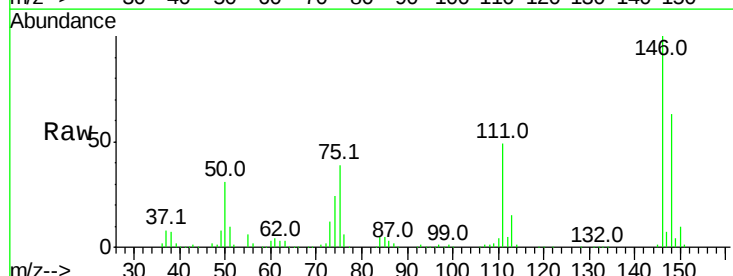
RT: 6.74 min Scan# 407

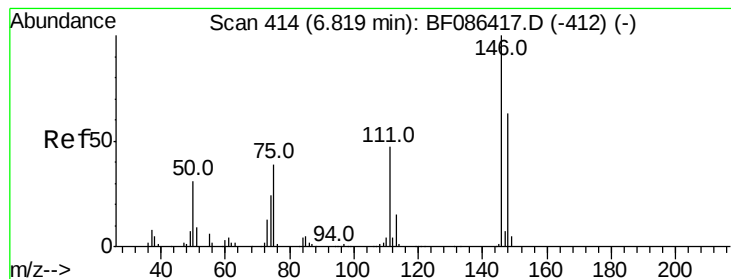
Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	146	Resp:	324149
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.4	78.6
75	39.3	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 35.95 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

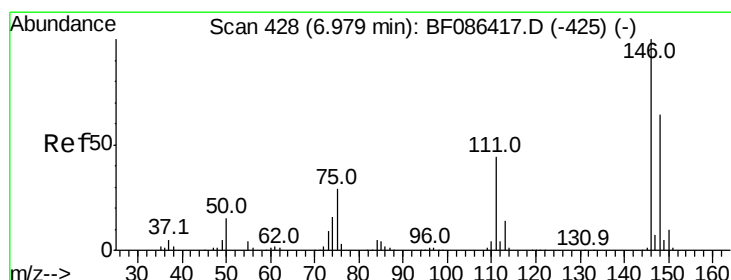
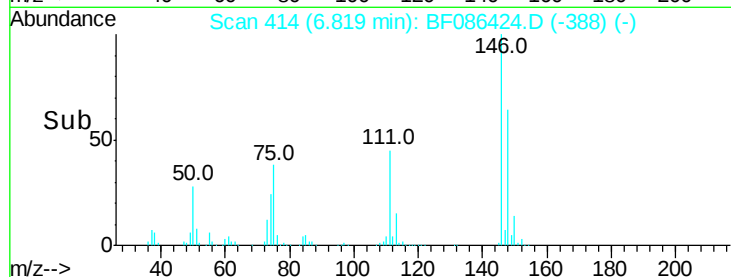
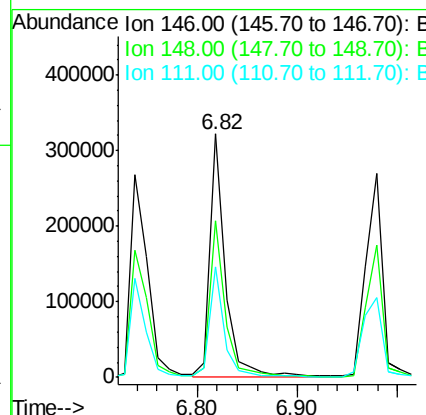
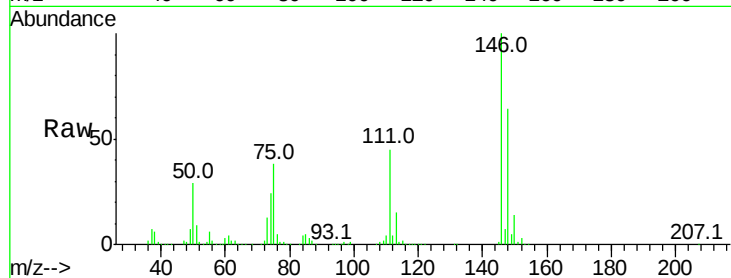
ClientSampled :

PB90056BS

Tot Ion:	146	Resp:	341554
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.4
111	45.5	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 36.82 ng

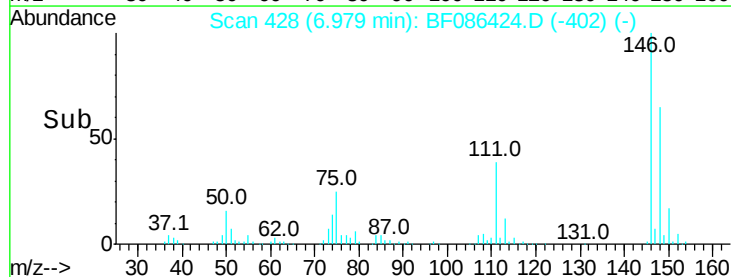
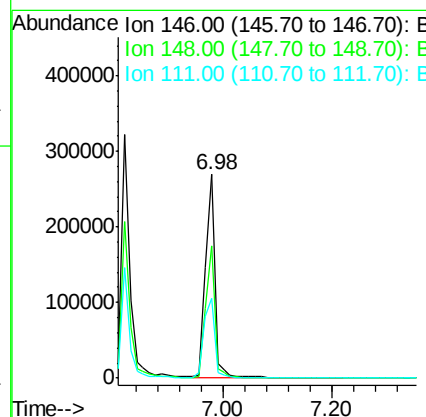
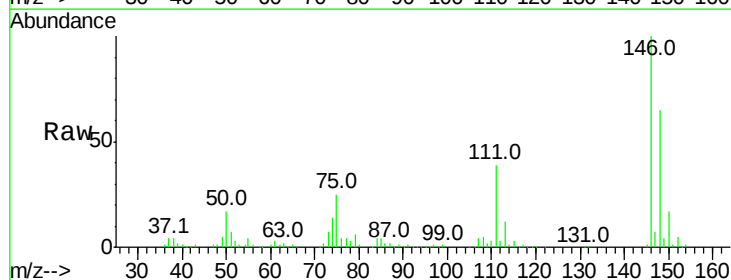
RT: 6.98 min Scan# 428

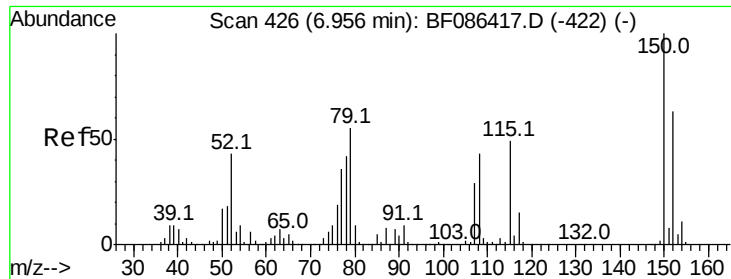
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	146	Resp:	320876
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.6
111	39.2	36.2	54.4





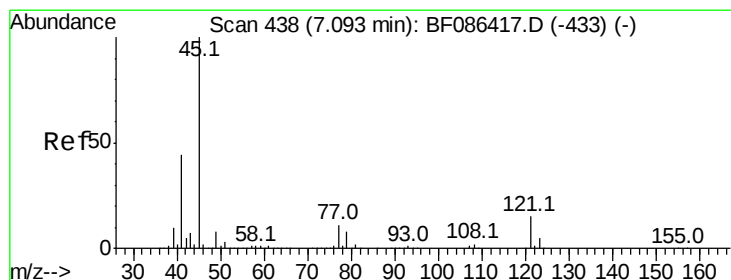
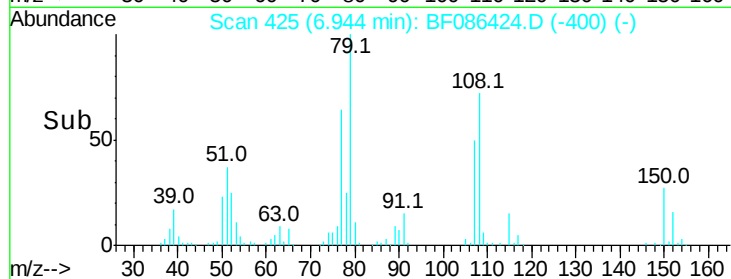
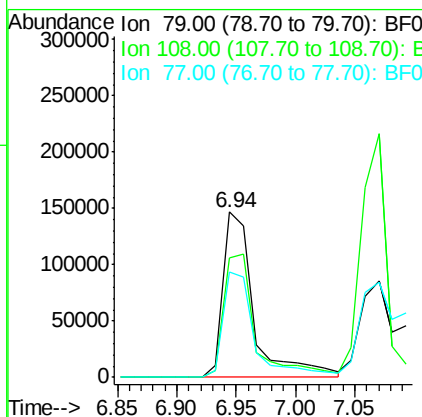
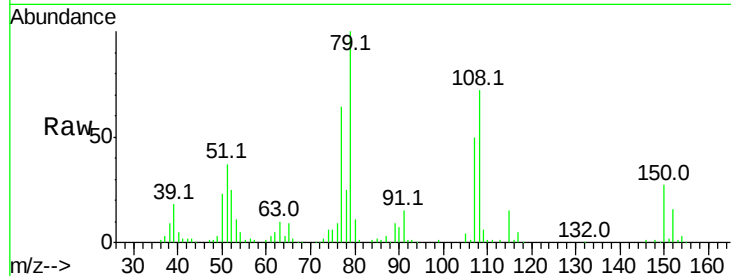
#15
Benzyl Alcohol
Concen: 43.64 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampled :
PB90056BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.3	68.4	102.6
77	64.0	50.6	76.0

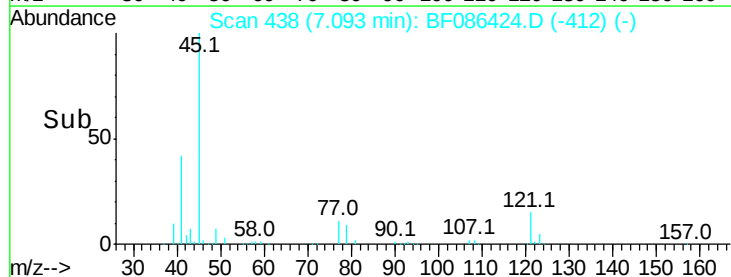
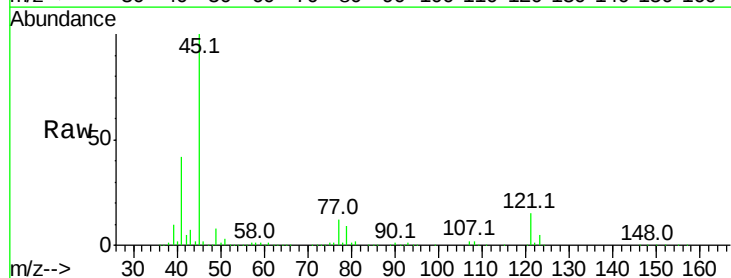
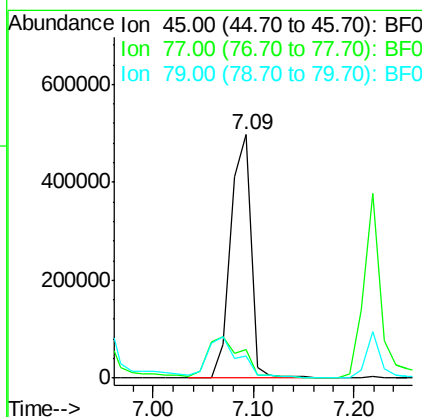
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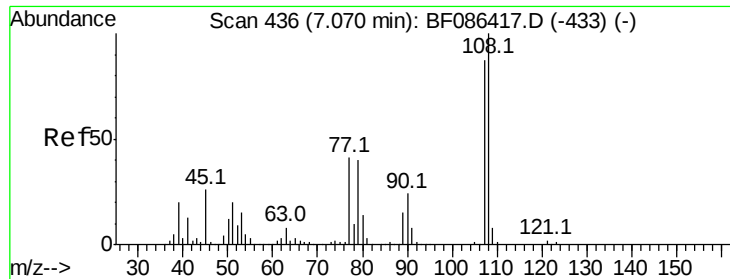
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.60 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	36.4
79	9.1	0.0	33.4





#17

2-Methylphenol

Concen: 40.51 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

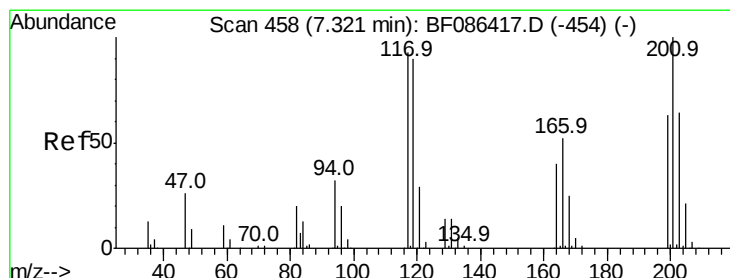
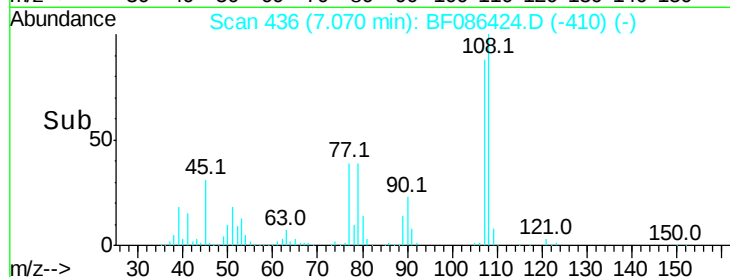
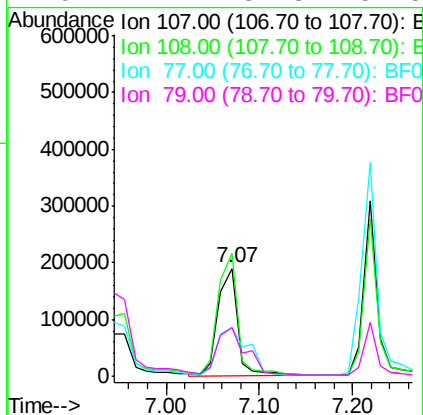
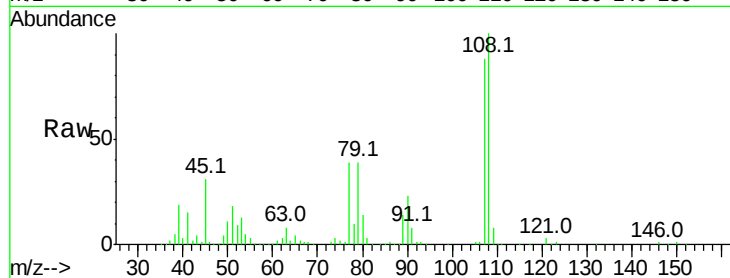
ClientSampled :

PB90056BS

Tot Ion:	107	Resp:	280344
Ion Ratio	Lower	Upper	
107	100		
108	113.5	93.7	140.5
77	44.6	33.4	50.0
79	44.7	34.3	51.5

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#18

Hexachloroethane

Concen: 36.36 ng

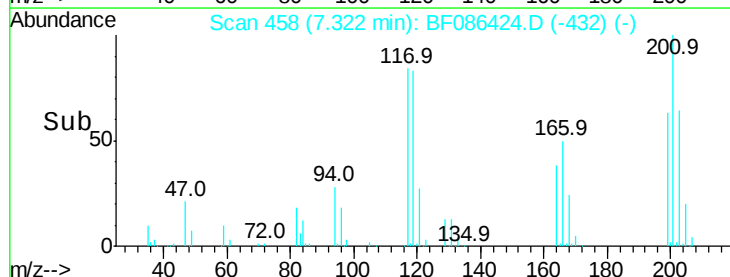
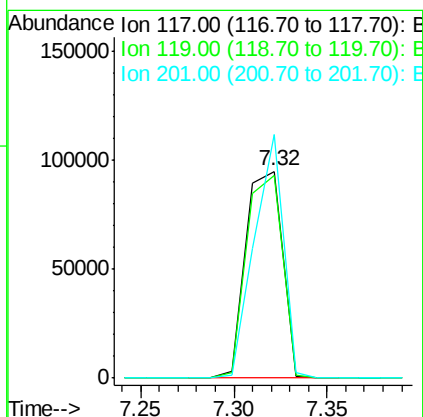
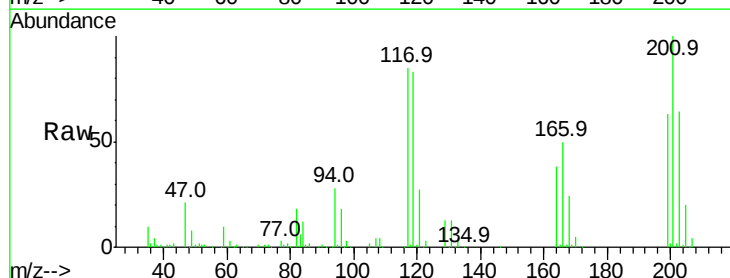
RT: 7.32 min Scan# 458

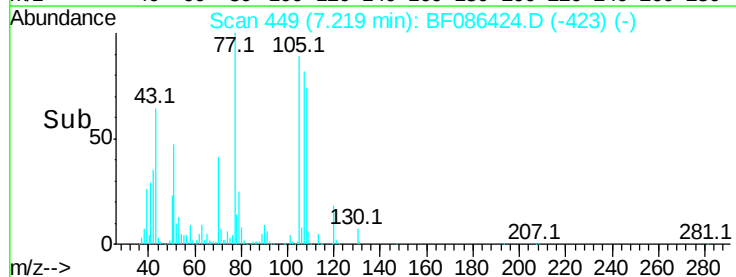
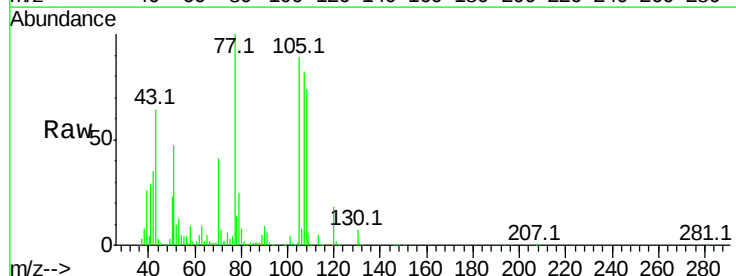
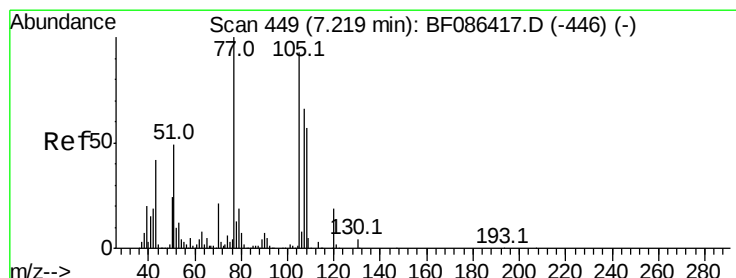
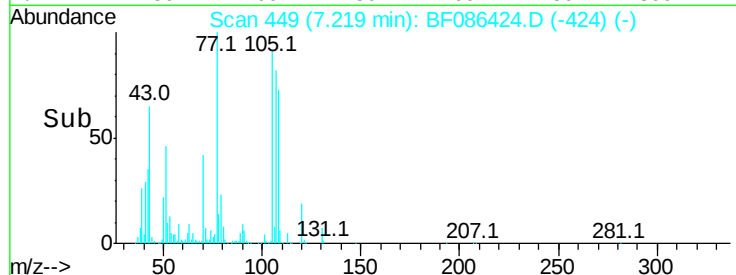
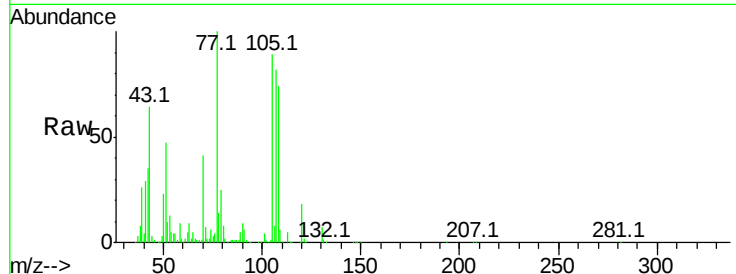
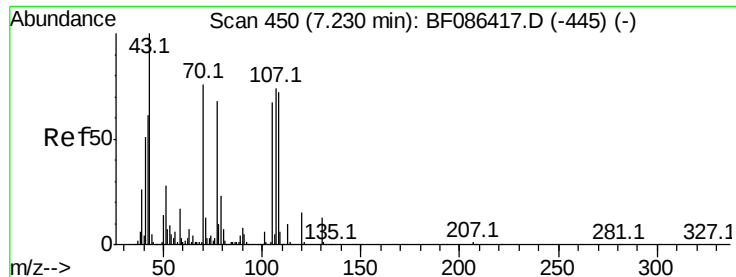
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	117	Resp:	129085
Ion Ratio	Lower	Upper	
117	100		
119	98.1	76.5	114.7
201	117.9	63.0	94.6#





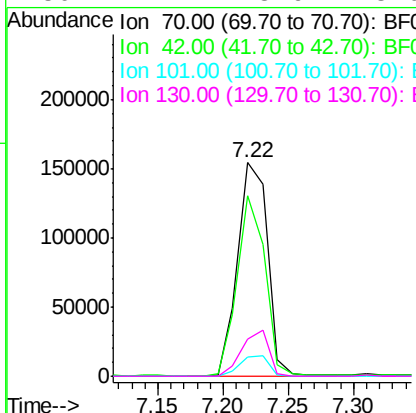
#19
n-Nitroso-di-n-propylamine
Concen: 38.93 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	84.7	43.1	64.7#		
101	8.7	8.1	12.1		
130	17.2	18.6	28.0#		

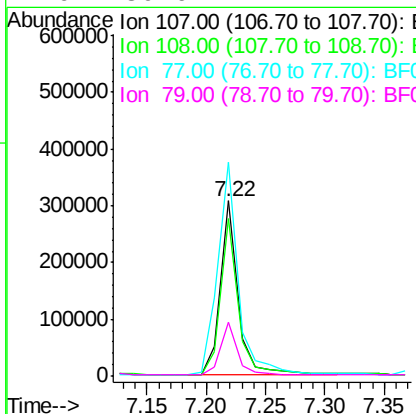
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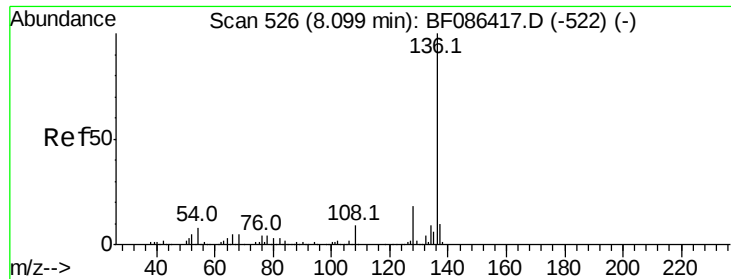
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#20
3+4-Methylphenols
Concen: 40.36 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.8	68.5	108.5		
77	122.1	101.6	141.6		
79	30.6	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

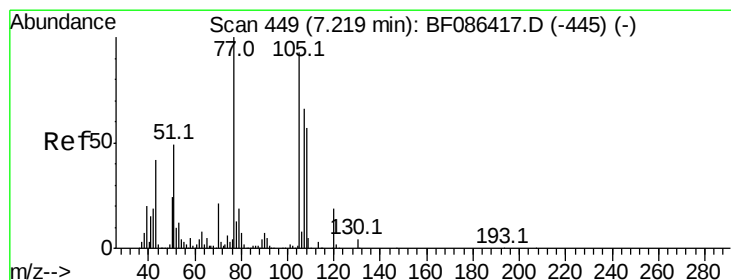
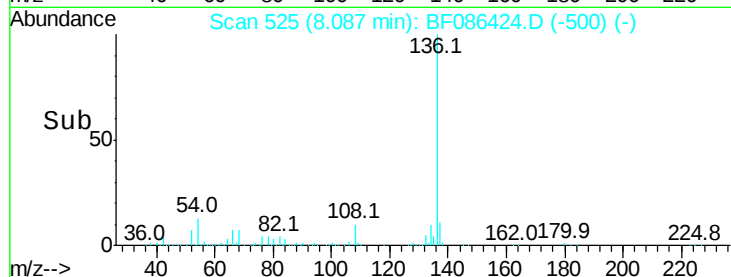
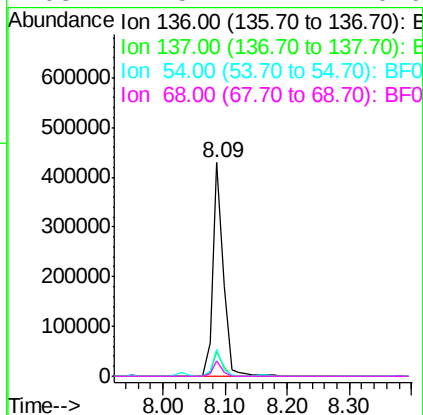
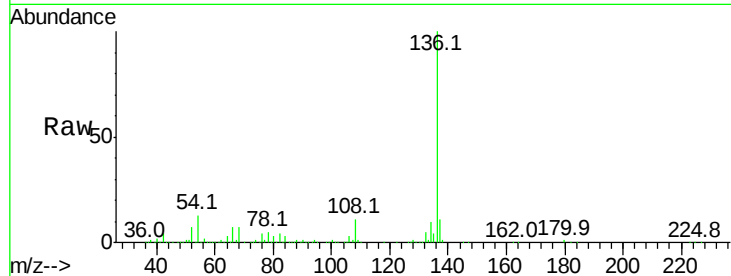
ClientSampleId :

PB90056BS

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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	12.9	5.0	7.4#	
68	7.5	4.4	6.6#	



#22

Acetophenone

Concen: 42.15 ng

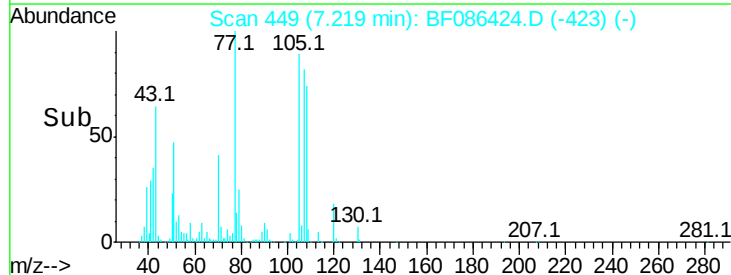
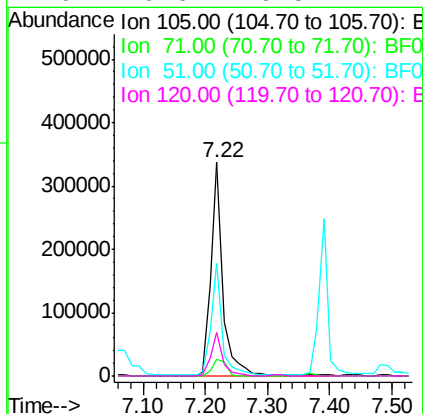
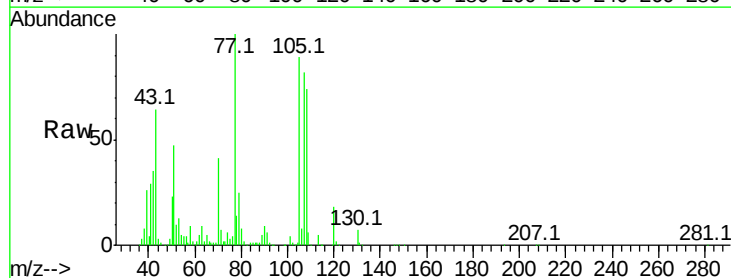
RT: 7.22 min Scan# 449

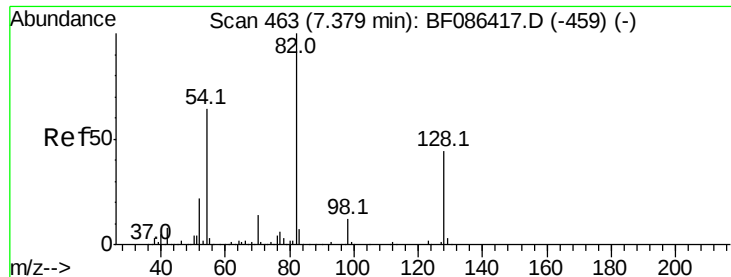
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.8	7.2#	
51	52.5	32.6	49.0#	
120	20.6	16.5	24.7	





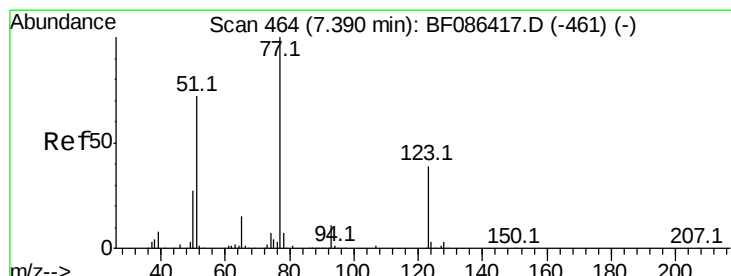
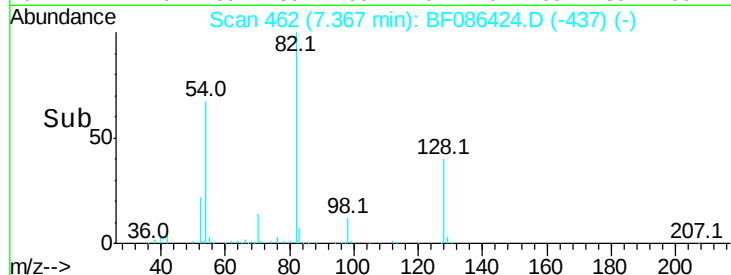
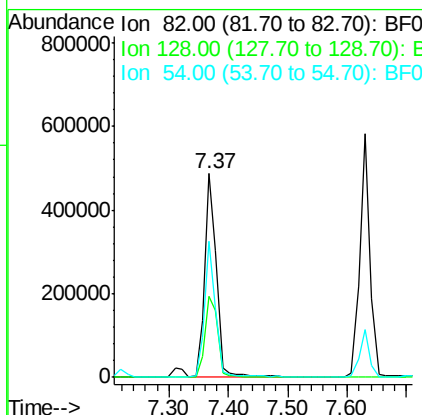
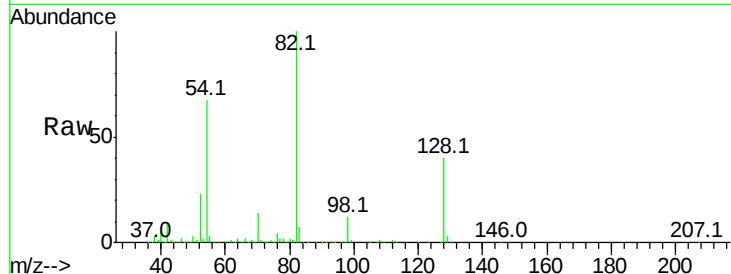
#23
 Nitrobenzene-d5
 Concen: 75.94 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	691584		
128	39.8	40.6	61.0#	
54	66.9	38.1	57.1#	

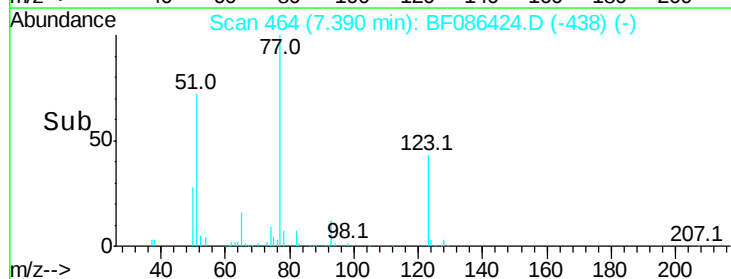
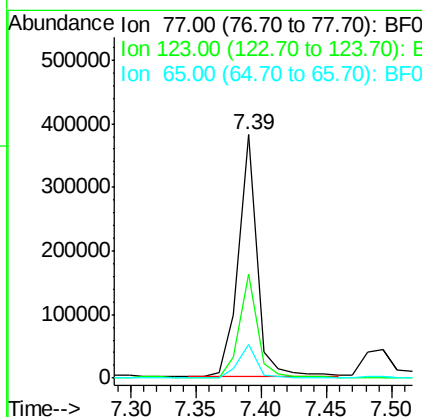
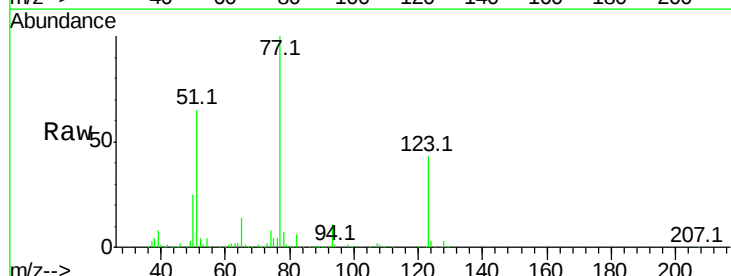
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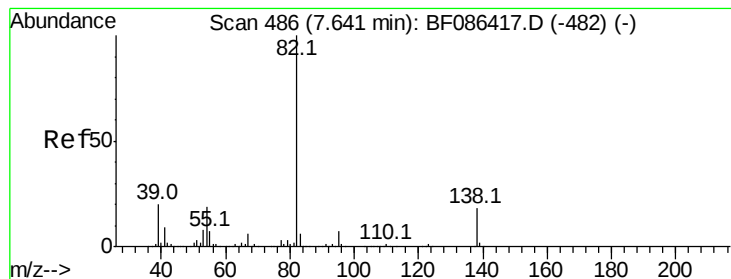
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#24
 Nitrobenzene
 Concen: 40.64 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380700		
123	43.0	33.0	49.4	
65	14.1	10.8	16.2	





#25

Isophorone

Concen: 39.29 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

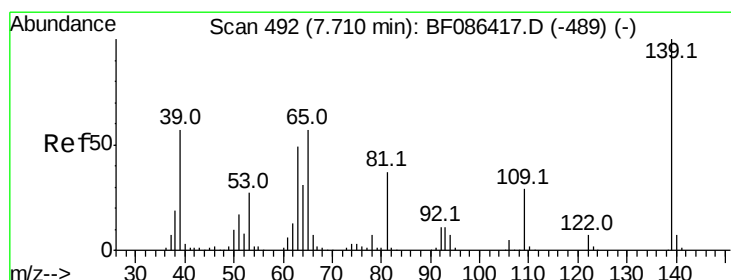
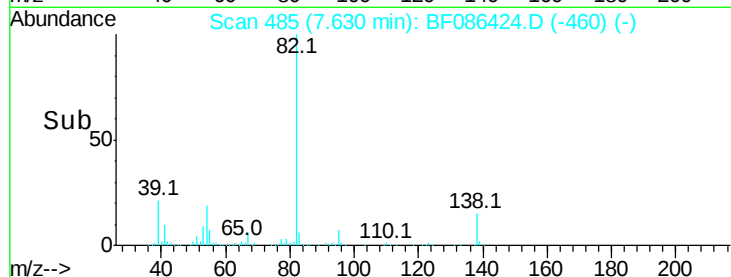
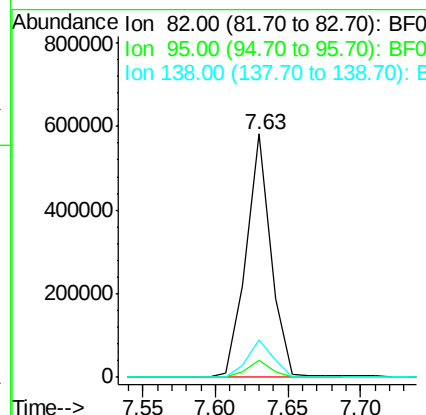
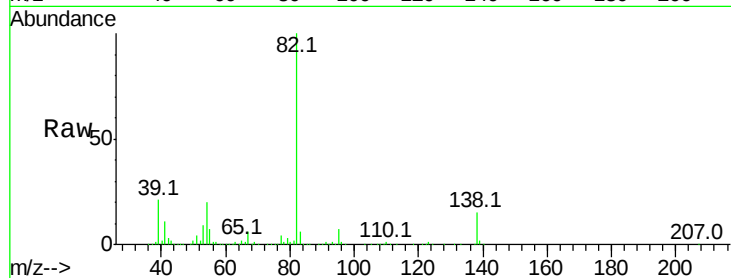
ClientSampleId :

PB90056BS

Tot Ion:	82	Resp:	688568
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	15.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.34 ng

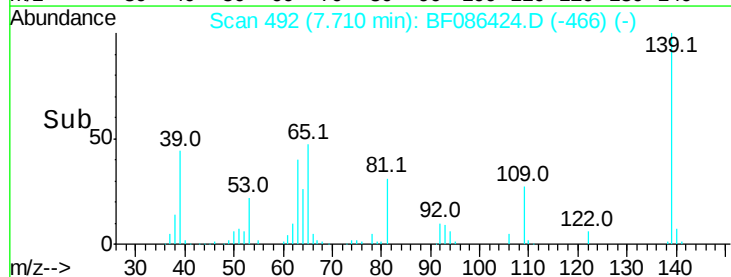
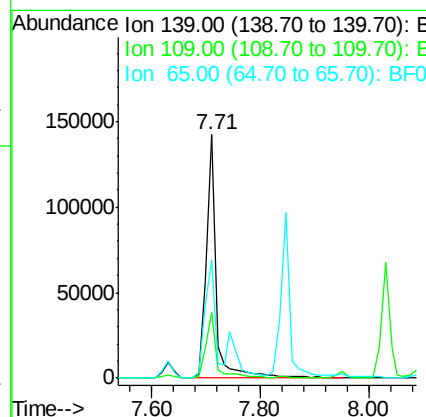
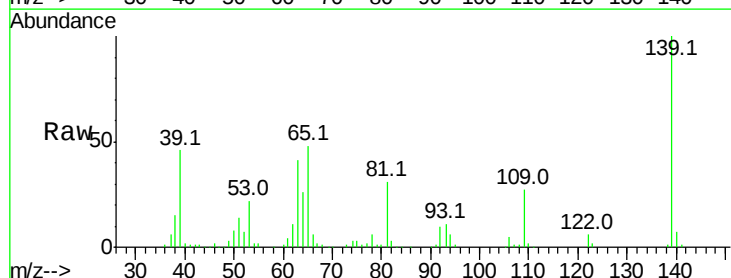
RT: 7.71 min Scan# 492

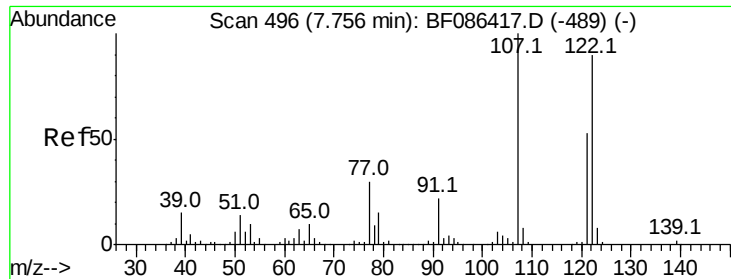
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	139	Resp:	178306
Ion Ratio	Lower	Upper	
139	100		
109	26.9	19.5	29.3
65	48.4	37.5	56.3





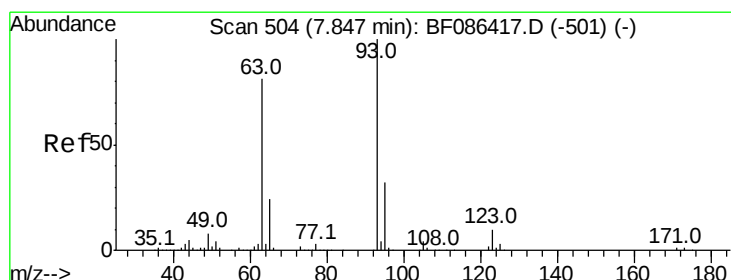
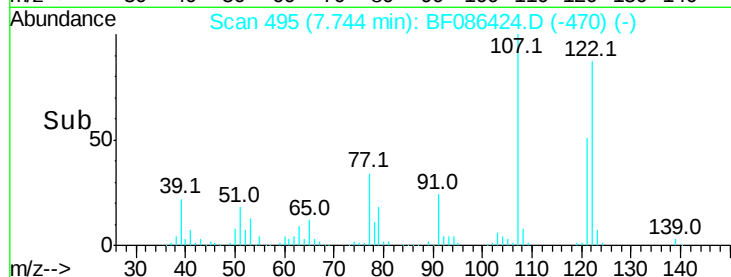
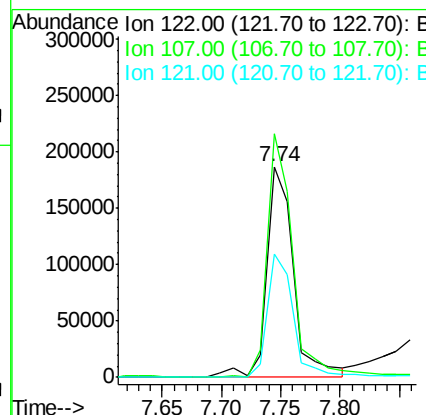
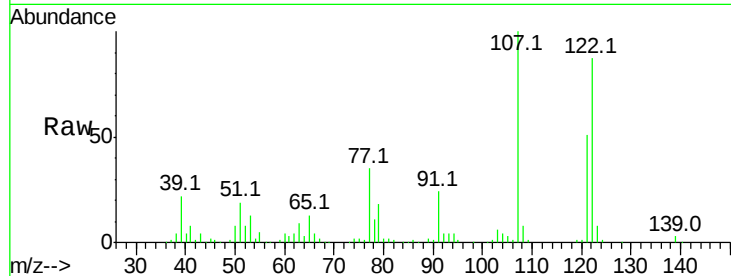
#27
2,4-Dimethylphenol
Concen: 39.12 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296090		
107	115.4	82.0	123.0	
121	58.5	46.1	69.1	

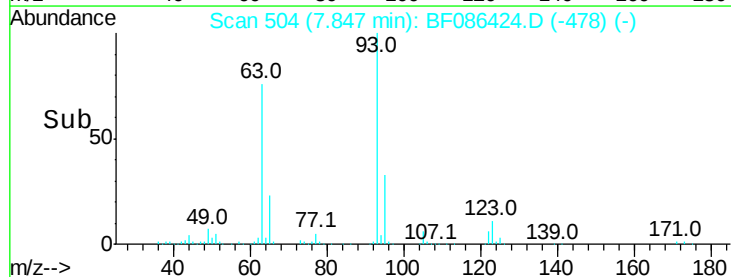
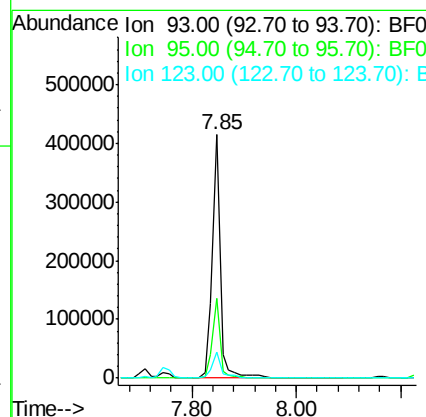
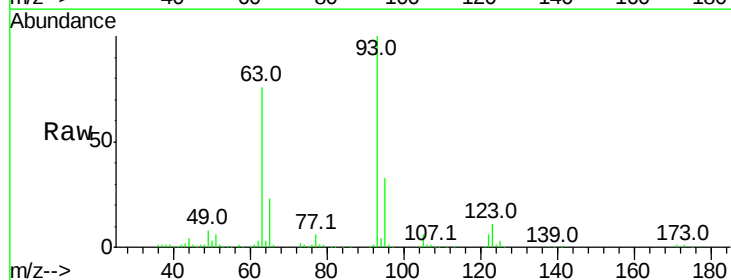
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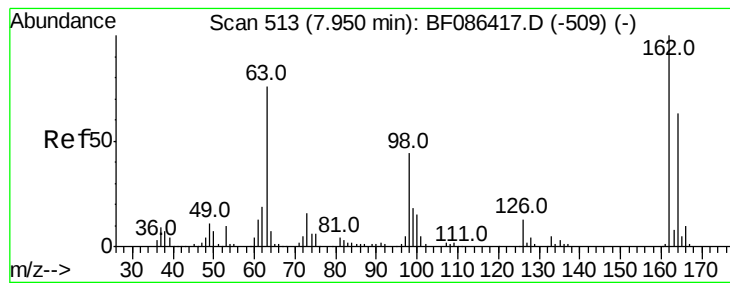
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#28
bis(2-Chloroethoxy)methane
Concen: 45.66 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	435996		
95	32.8	26.0	39.0	
123	10.9	9.5	14.3	





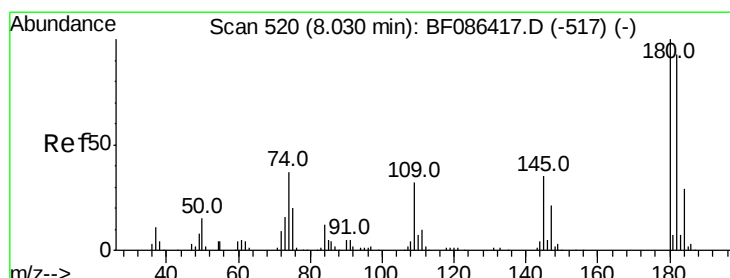
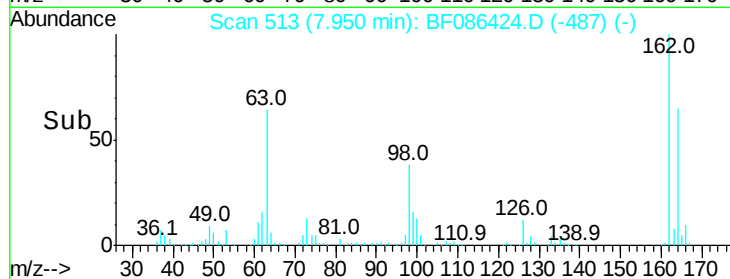
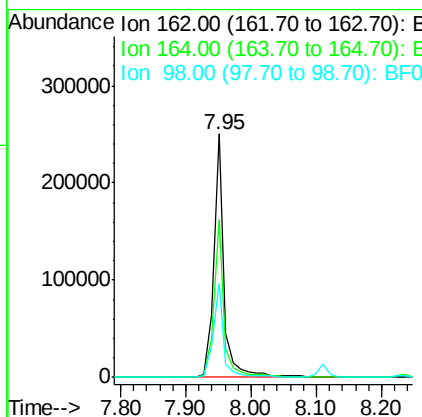
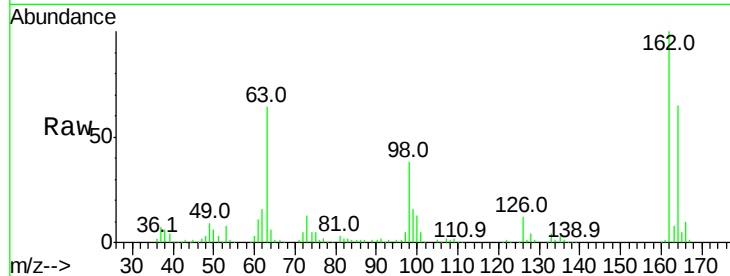
#29
 2,4-Dichlorophenol
 Concen: 44.06 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion:	162	Resp:	281339
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.2	82.2
98	38.3	19.0	59.0

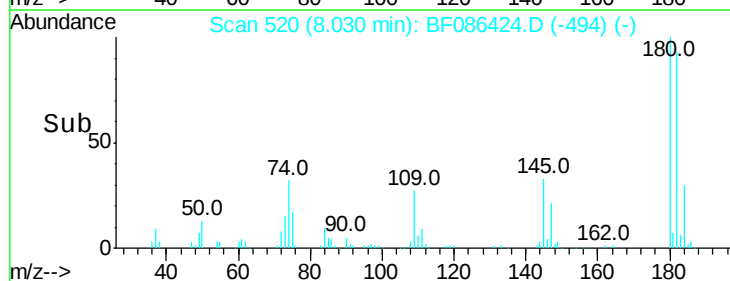
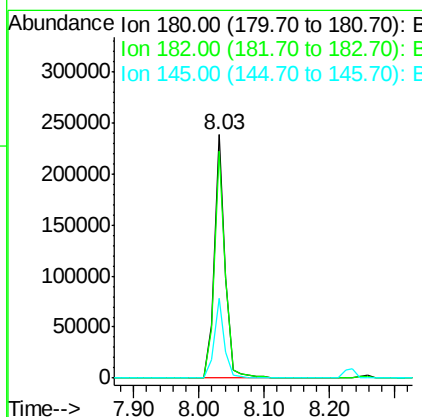
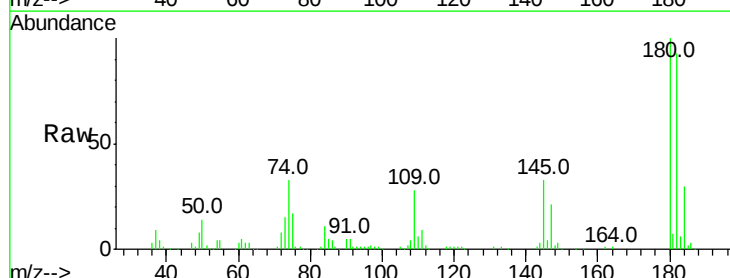
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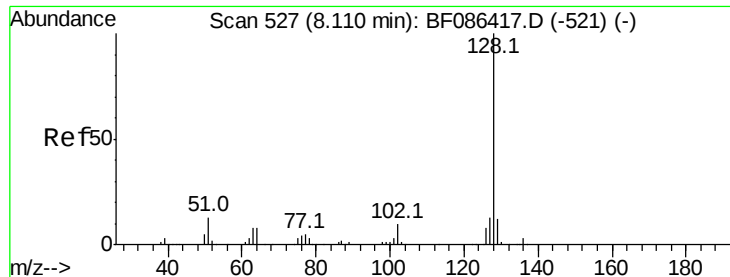
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.26 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:	180	Resp:	283397
Ion Ratio	Lower	Upper	
180	100		
182	93.3	78.0	117.0
145	32.9	24.2	36.2





#31

Naphthalene

Concen: 38.77 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

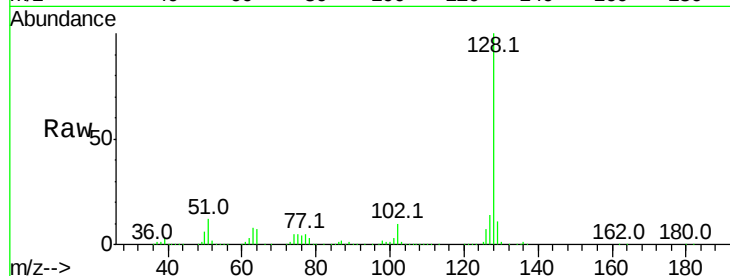
ClientSampleId :

PB90056BS

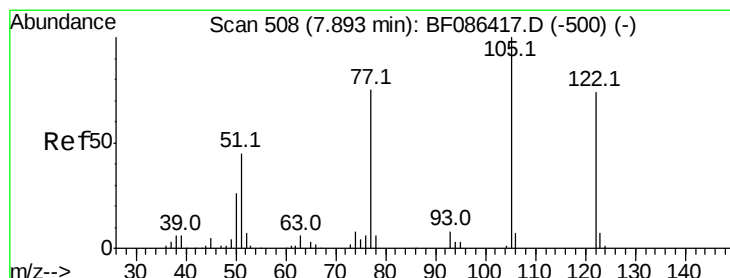
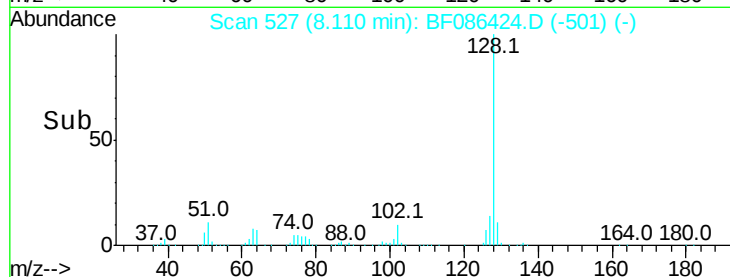
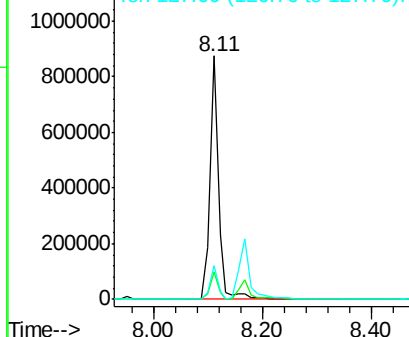
Tot Ion:	128	Resp:	968383
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	13.0
127	13.6	10.8	16.2

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



#32

Benzoic acid

Concen: 35.03 ng

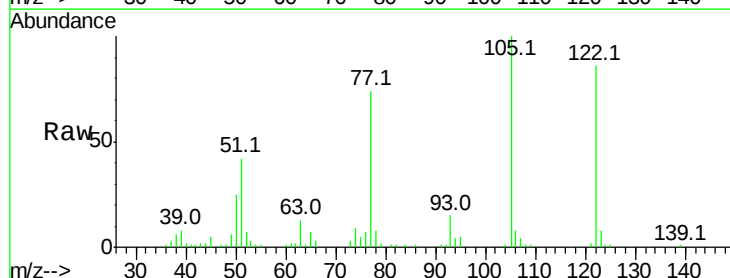
RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

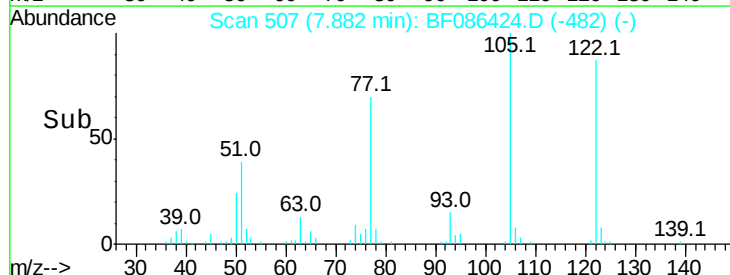
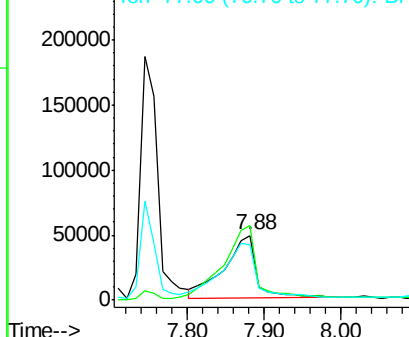
Lab File: BF086424.D

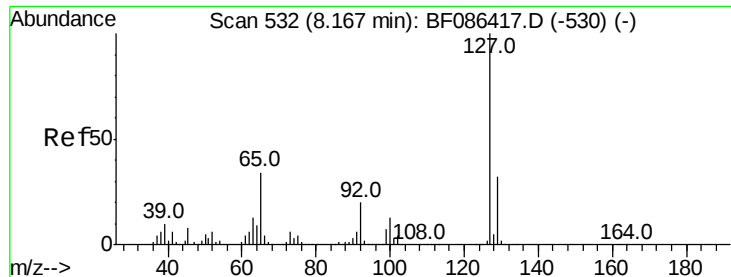
Acq: 27 Apr 2016 15:15

Tgt Ion:	122	Resp:	147246
Ion Ratio	Lower	Upper	
122	100		
105	115.6	92.6	132.6
77	85.0	60.0	100.0



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





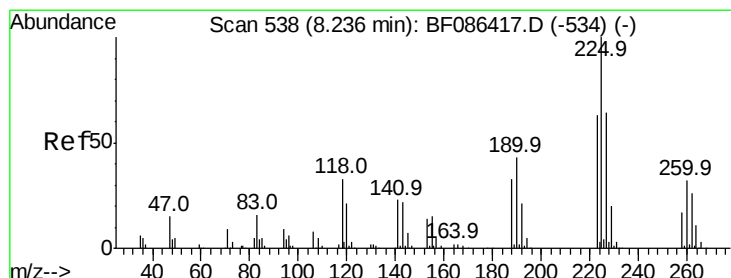
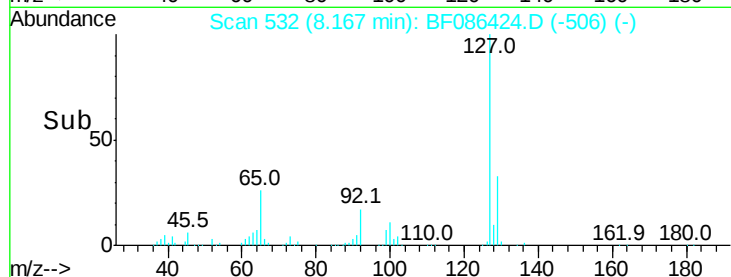
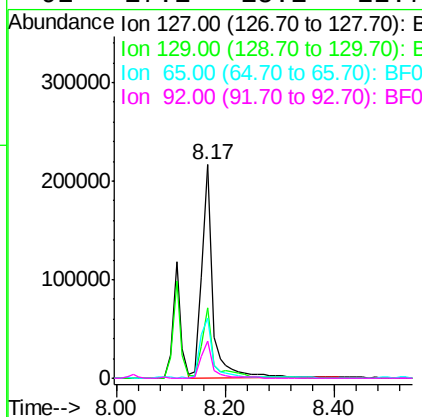
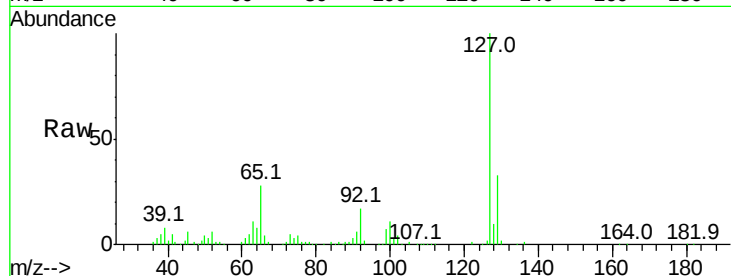
#33
4-Chloroaniline
Concen: 32.05 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		299820		
129	32.9	26.2	39.4		
65	28.0	23.0	34.4		
92	17.1	15.1	22.7		

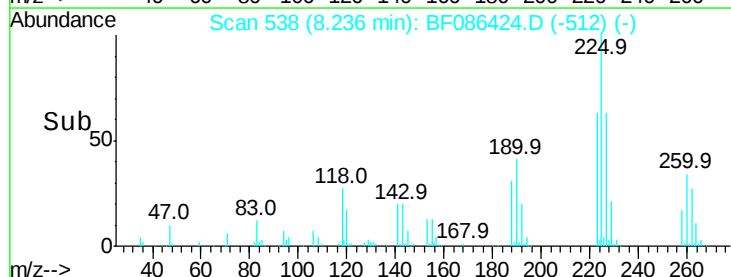
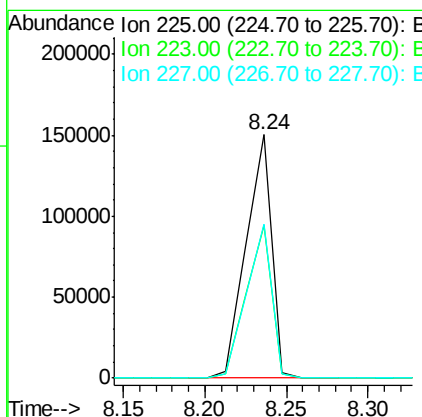
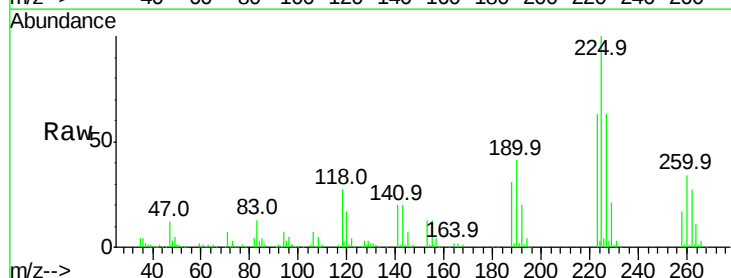
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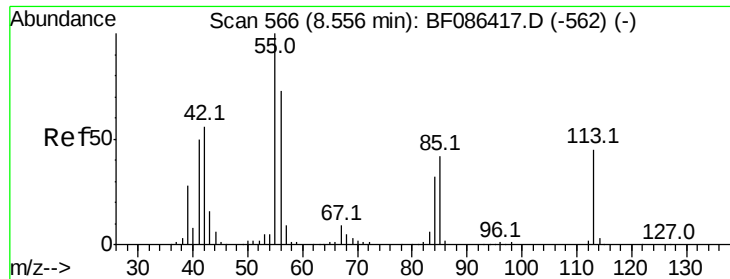
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#34
Hexachlorobutadiene
Concen: 39.12 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		162457		
223	62.6	51.5	77.3		
227	63.3	52.2	78.2		





#35

Caprolactam

Concen: 42.00 ng/mL

RT: 8.53 min Scan# 564

Delta R.T. -0.02 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

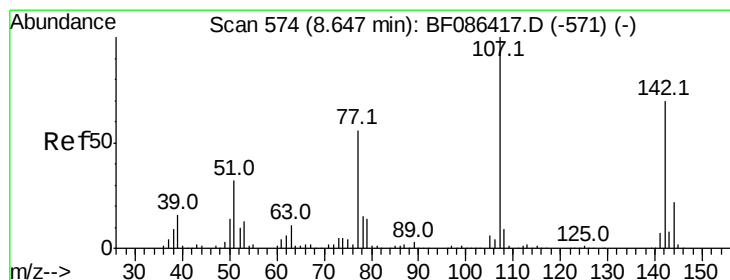
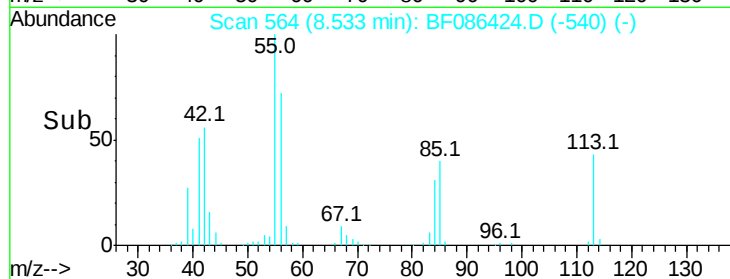
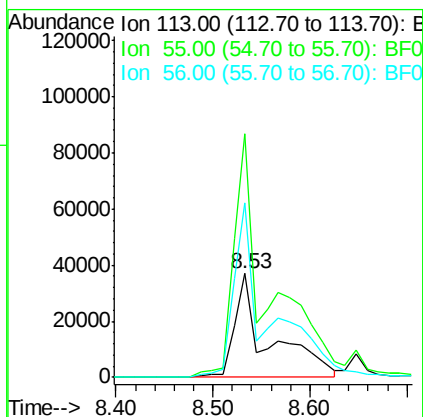
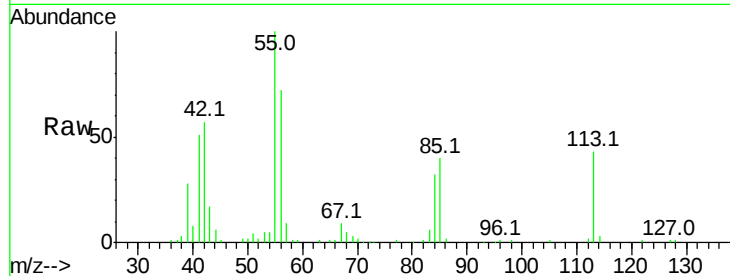
ClientSampled :

PB90056BS

Tot Ion:	113	Resp:	89474
Ion Ratio	Lower	Upper	
113	100		
55	234.1	162.0	202.0#
56	168.3	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 41.50 ng/mL

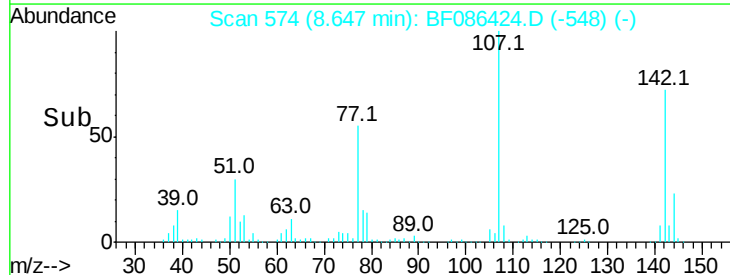
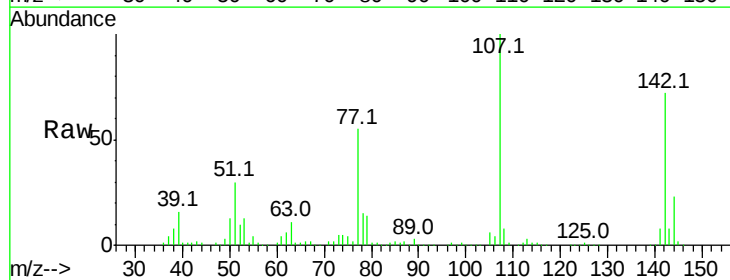
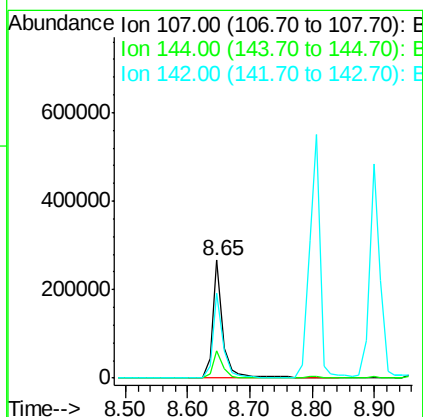
RT: 8.65 min Scan# 574

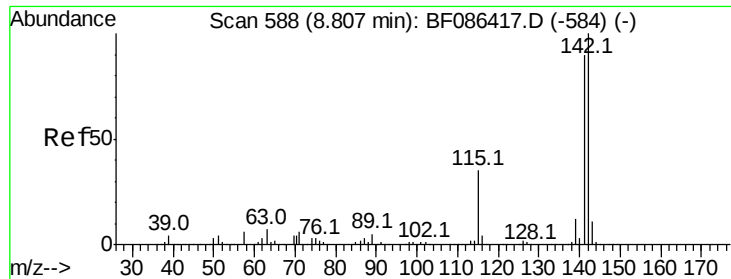
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	107	Resp:	303402
Ion Ratio	Lower	Upper	
107	100		
144	23.0	20.7	31.1
142	72.4	63.2	94.8





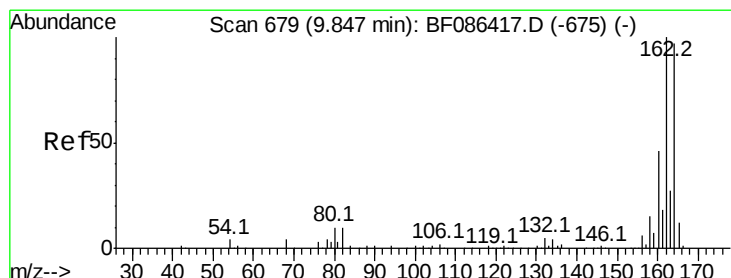
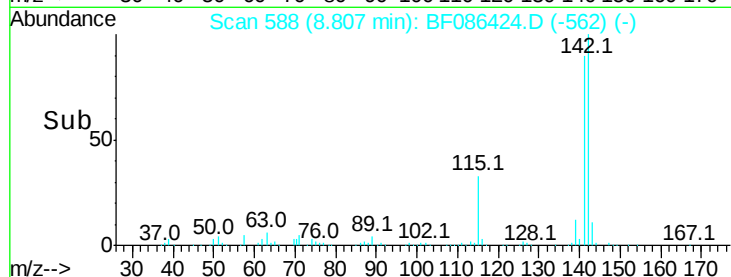
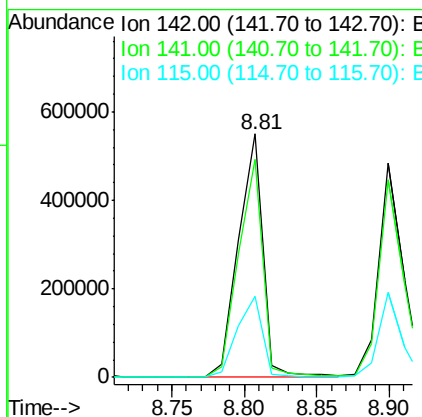
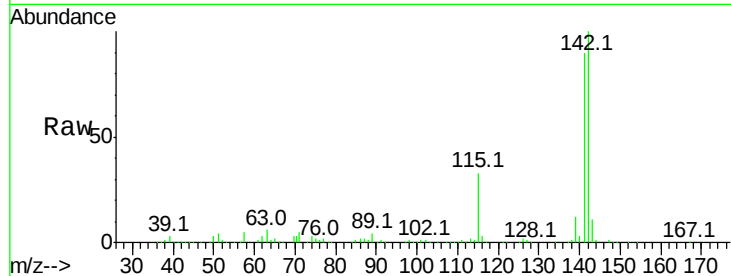
#37
2-Methylnaphthalene
Concen: 43.56 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	641979		
141	89.5		71.0	106.6
115	33.2		26.6	39.8

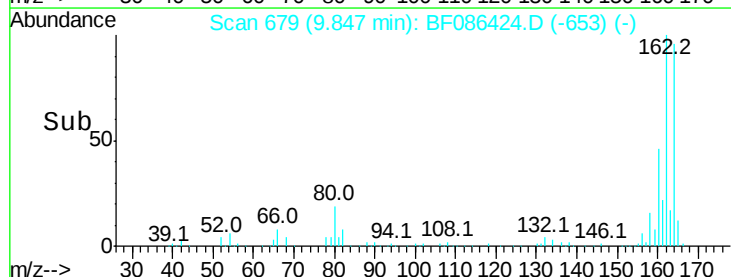
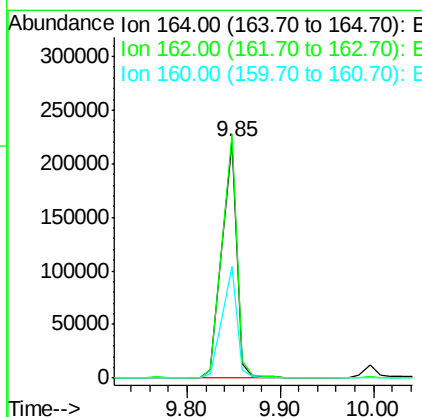
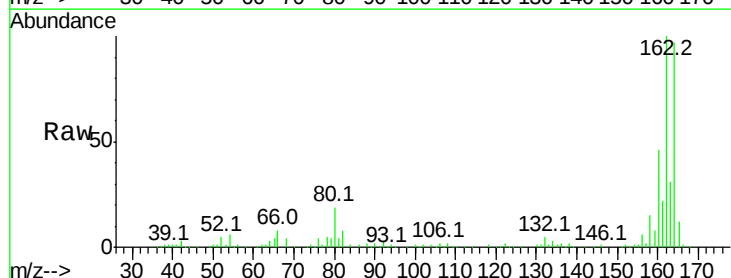
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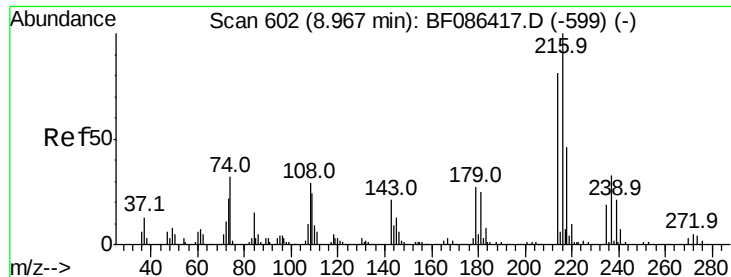
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	245404		
162	103.0		82.8	124.2
160	47.1		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.60 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

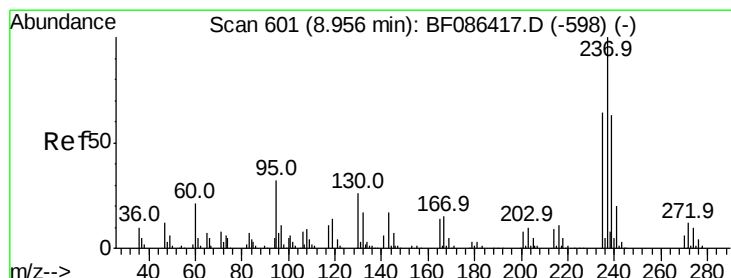
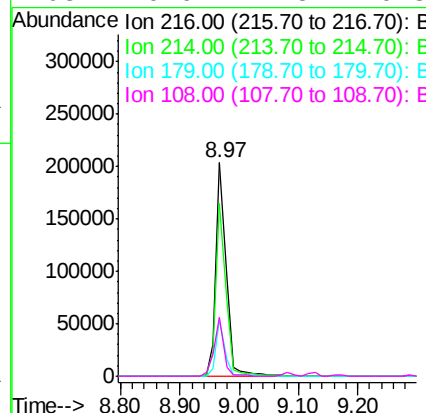
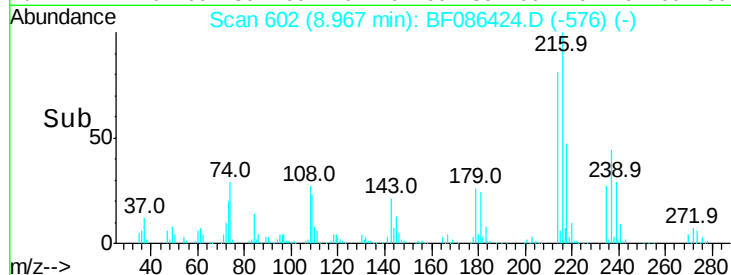
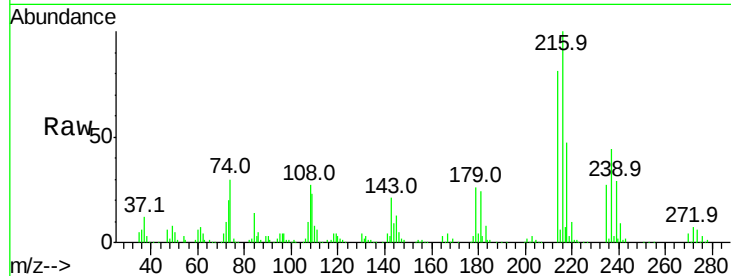
ClientSampleId :

PB90056BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	243071		
214	79.3	62.6	93.8	
179	23.1	18.2	27.4	
108	26.6	17.5	26.3	



#40

Hexachlorocyclopentadiene

Concen: 80.59 ng

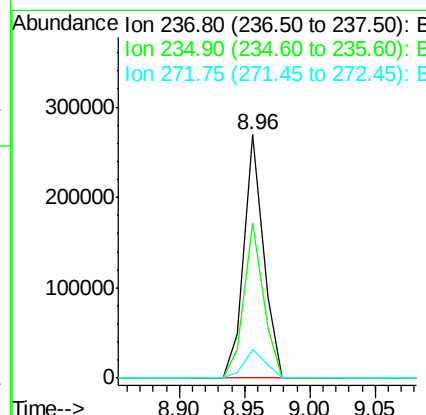
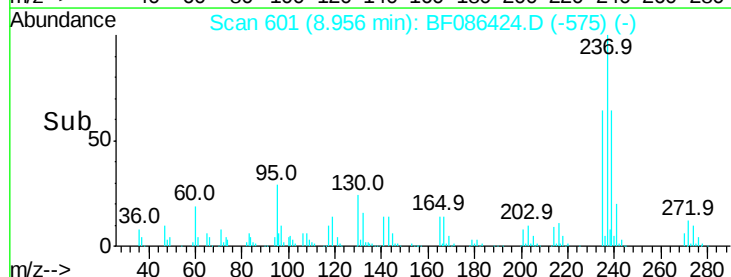
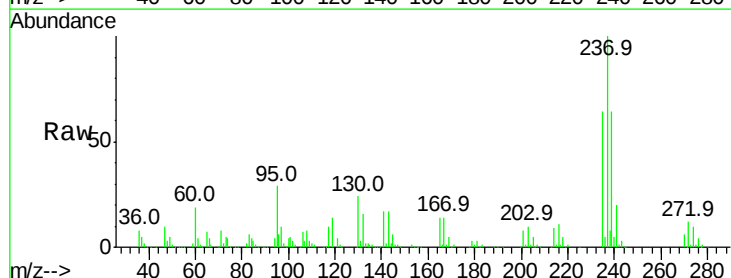
RT: 8.96 min Scan# 601

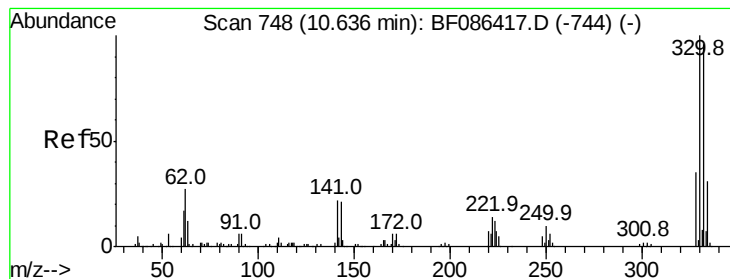
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	281320		
235	63.5	47.2	87.2	
272	11.8	0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 122.43 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

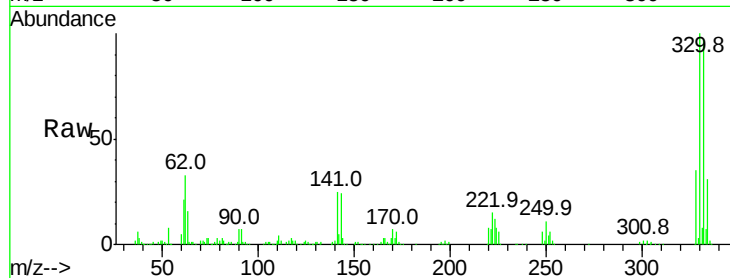
ClientSampleId :

PB90056BS

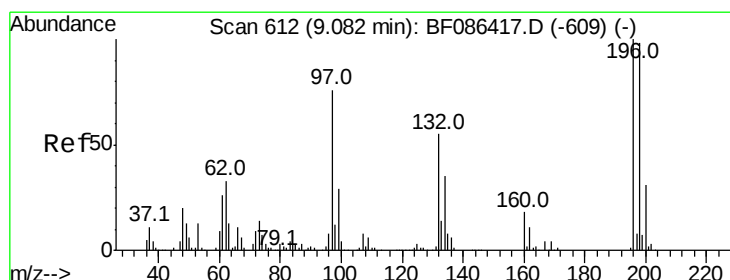
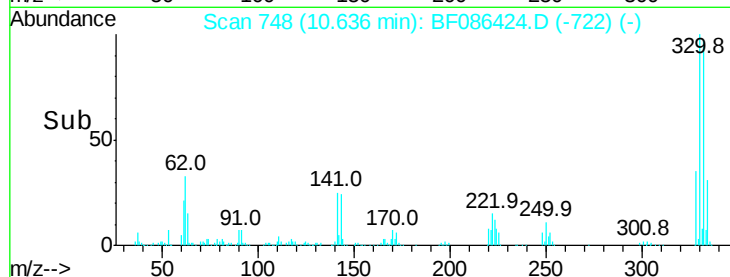
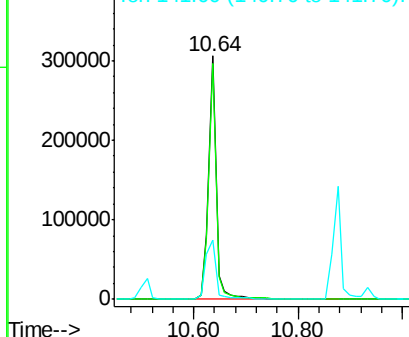
Tot Ion:	330	Resp:	316833
Ion Ratio	Lower	Upper	
330	100		
332	96.0	79.0	118.4
141	32.1	31.2	46.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.42 ng

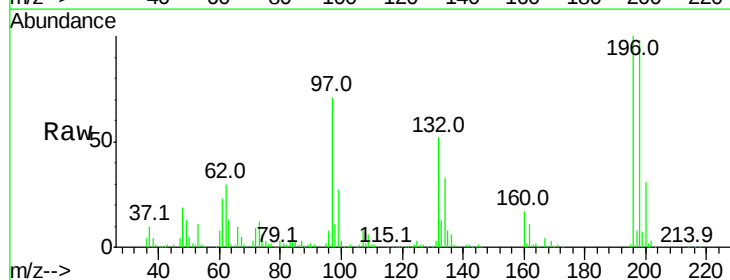
RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

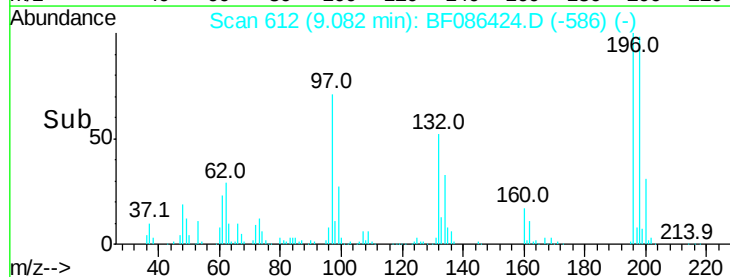
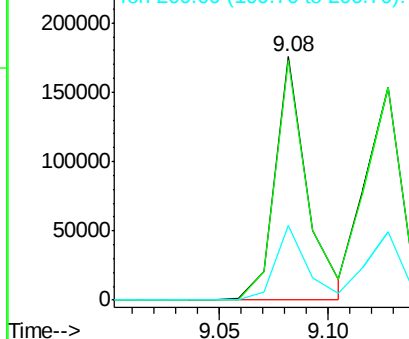
Lab File: BF086424.D

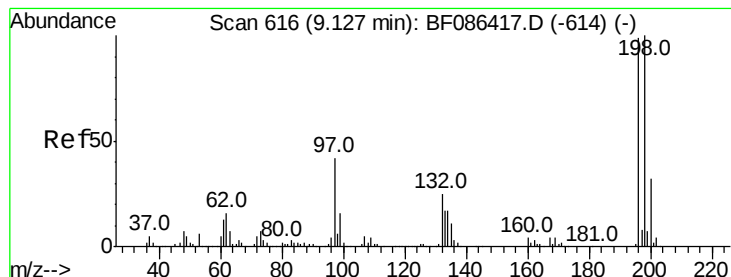
Acq: 27 Apr 2016 15:15

Tgt Ion:	196	Resp:	179493
Ion Ratio	Lower	Upper	
196	100		
198	98.5	74.7	112.1
200	30.9	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





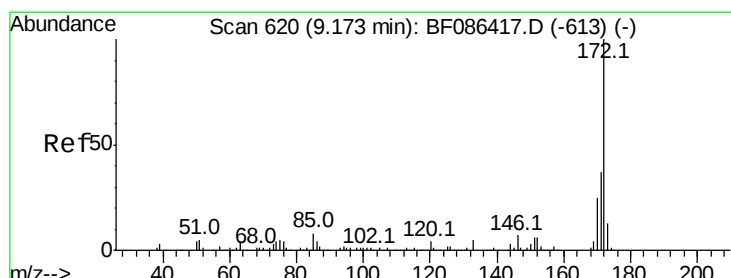
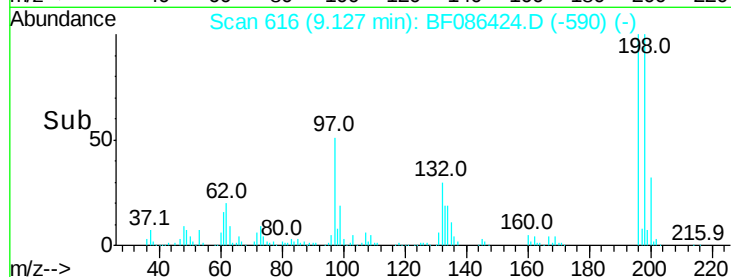
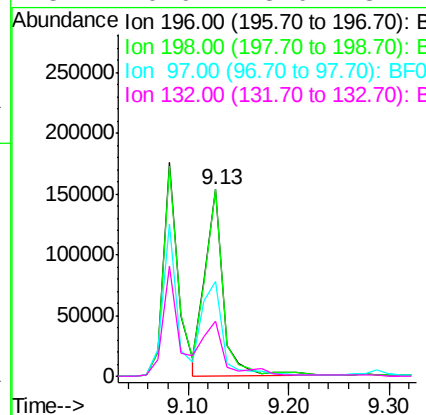
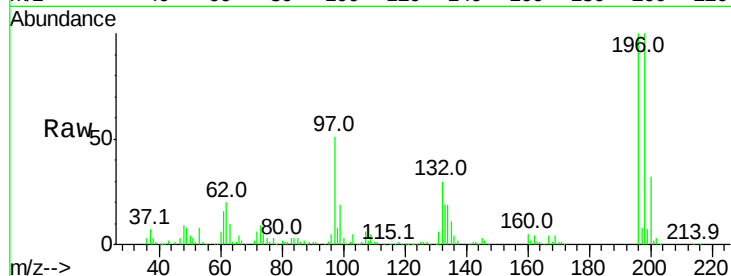
#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion	196	Resp	191657
Ion Ratio	Lower	Upper	
196	100		
198	100.3	77.5	116.3
97	50.9	34.8	52.2
132	29.9	23.0	34.4

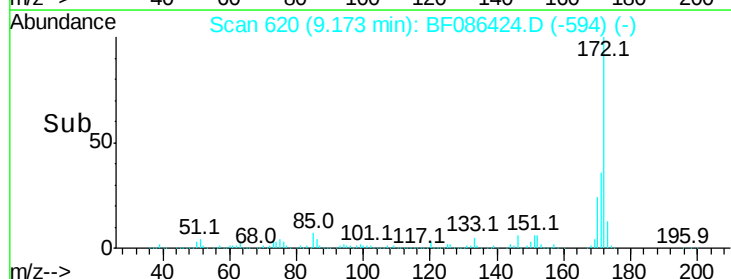
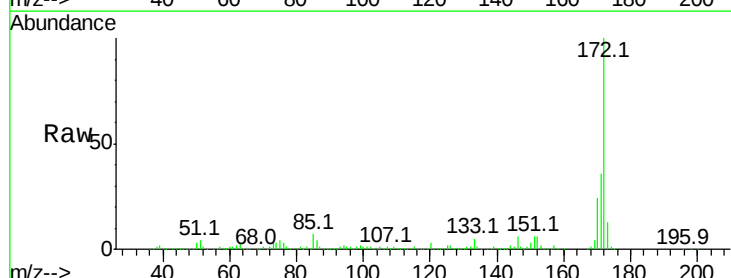
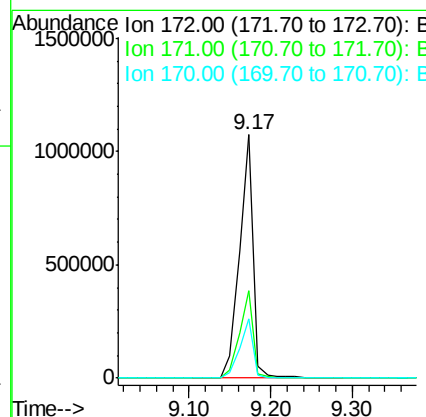
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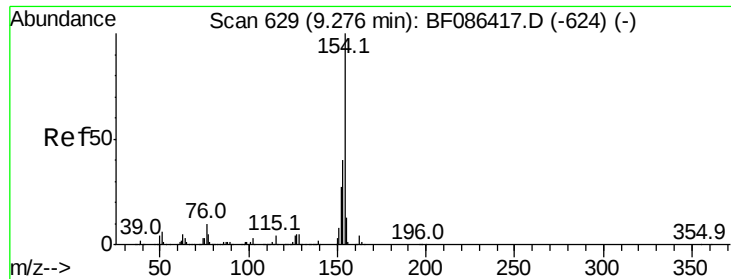
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 4/28/2016 2:14:08 PM



#44
 2-Fluorobiphenyl
 Concen: 90.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	172	Resp	1256358
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 37.16 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

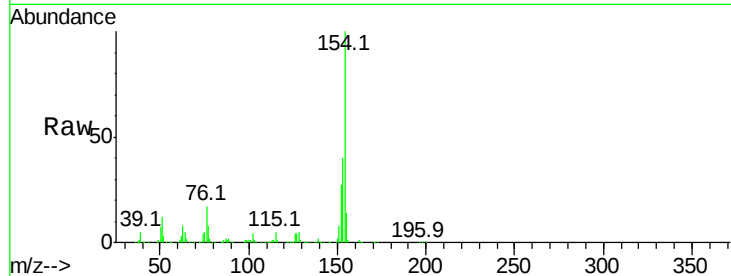
ClientSampleId :

PB90056BS

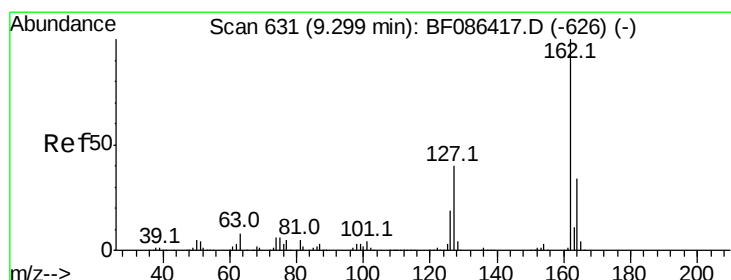
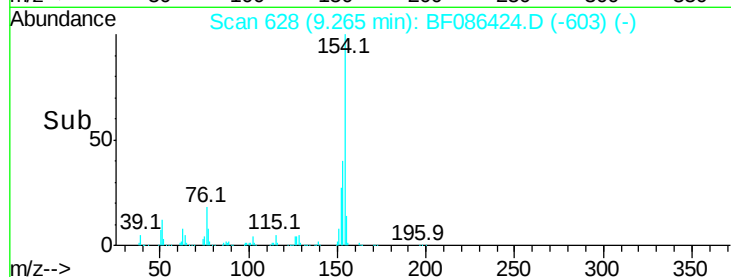
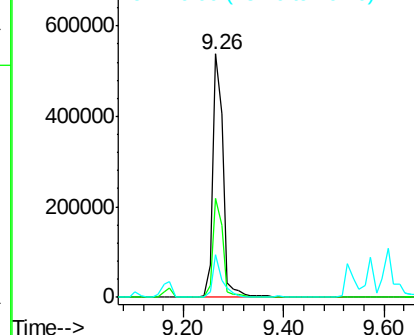
Tot Ion:	154	Resp:	762258
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.3	60.3
76	17.5	0.0	30.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.95 ng

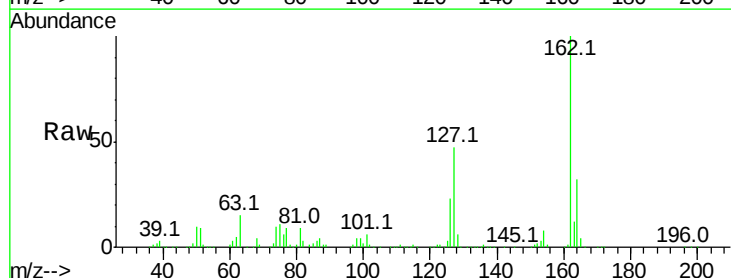
RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

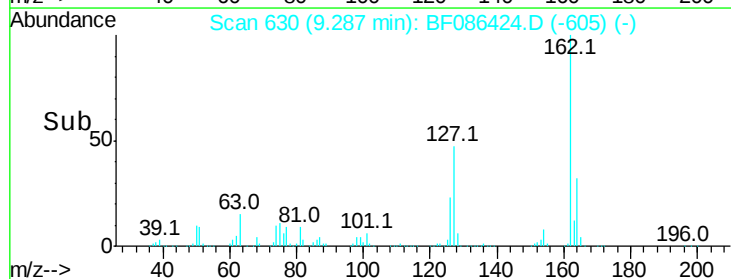
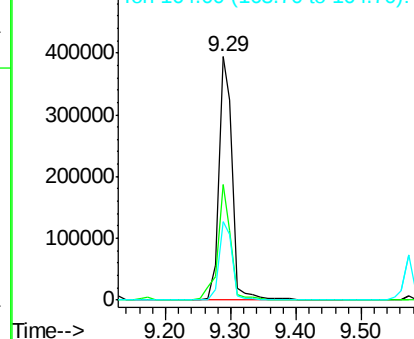
Lab File: BF086424.D

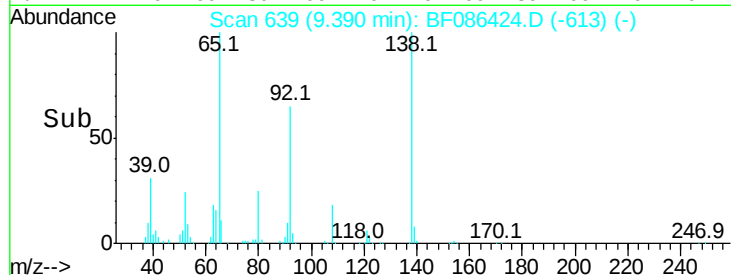
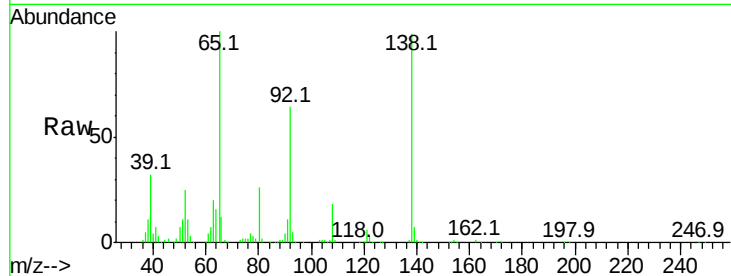
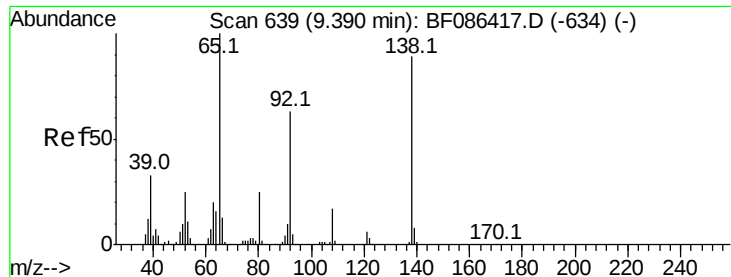
Acq: 27 Apr 2016 15:15

Tgt Ion:	162	Resp:	576293
Ion Ratio	Lower	Upper	
162	100		
127	47.3	31.8	47.6
164	32.3	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





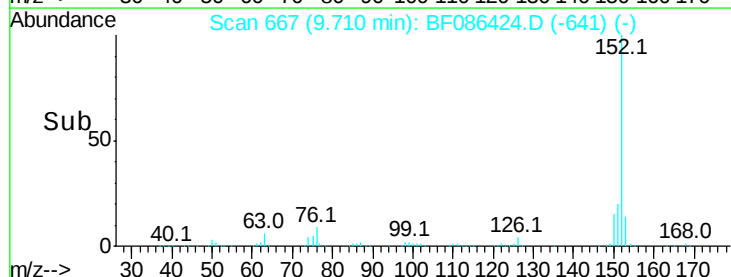
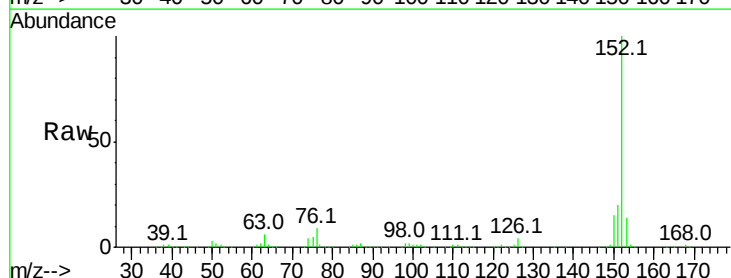
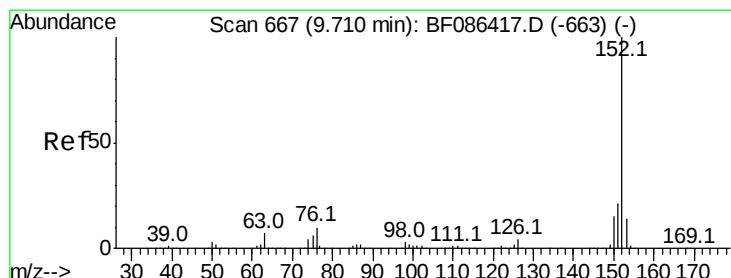
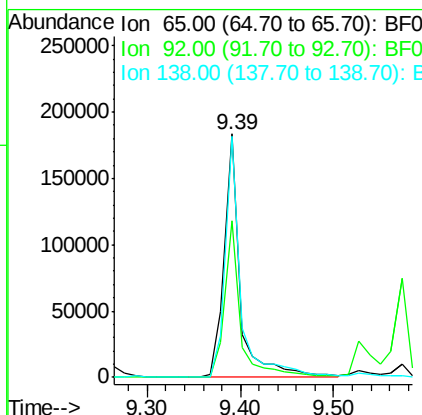
#47
2-Nitroaniline
Concen: 44.42 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tot Ion	65	Resp	222151
Ion Ratio	Lower	Upper	
65	100		
92	64.2	57.4	86.2
138	99.1	90.1	135.1

Instrument :
BNA_F
ClientSampleId :
PB90056BS

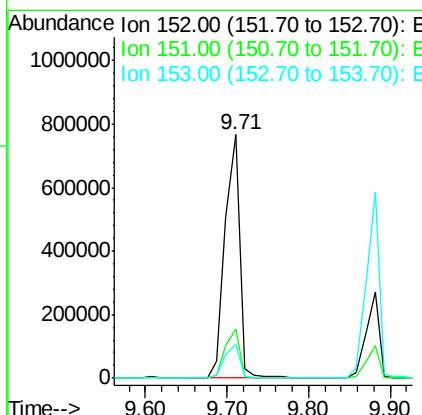
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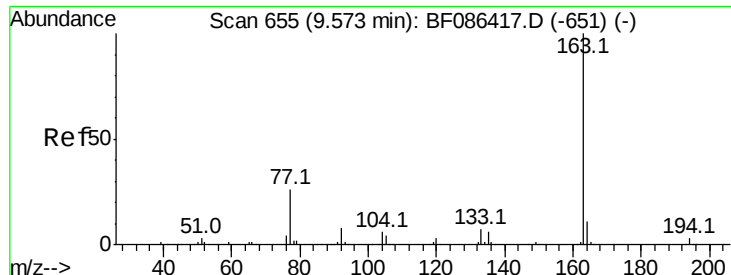
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#48
Acenaphthylene
Concen: 39.08 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	152	Resp	952763
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.6	10.9	16.3





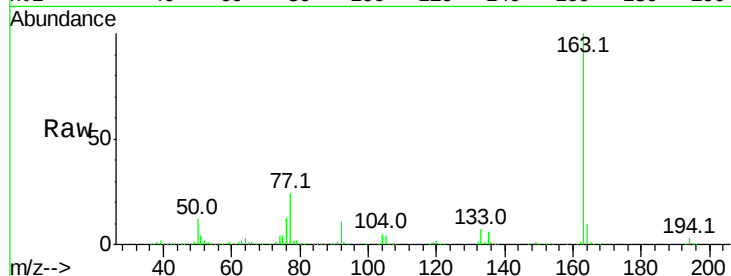
#49
Dimethylphthalate
Concen: 37.24 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

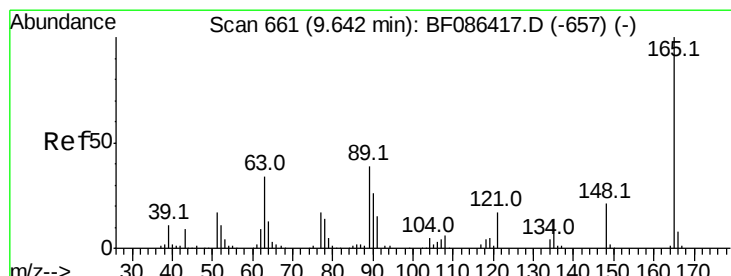
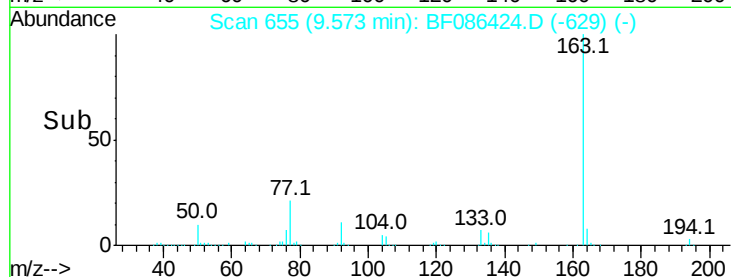
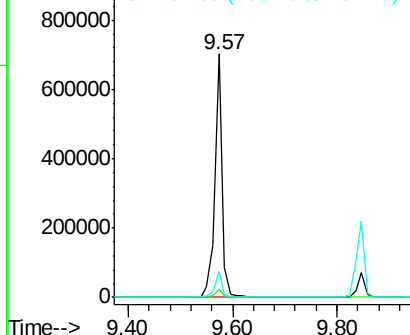
Tot Ion	Ratio	Resp	Lower	Upper
163	100	688001		
194	3.2		2.6	4.0
164	10.4		8.2	12.4

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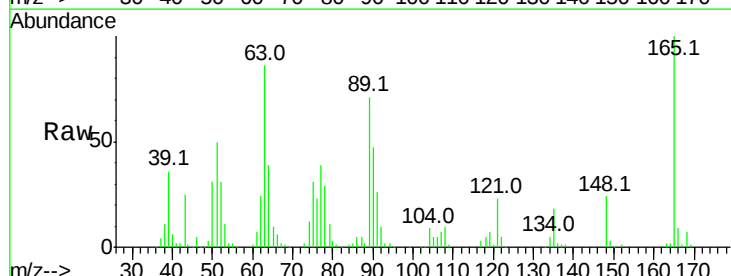


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

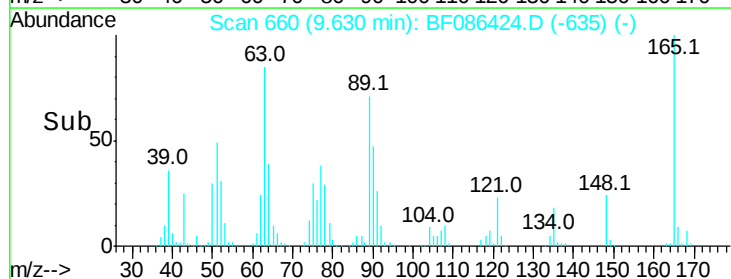
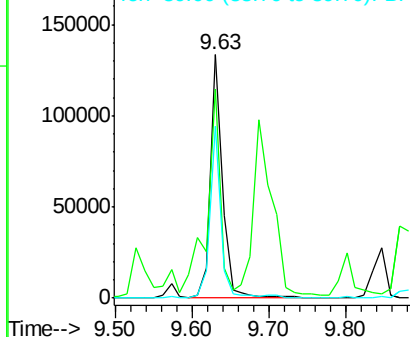


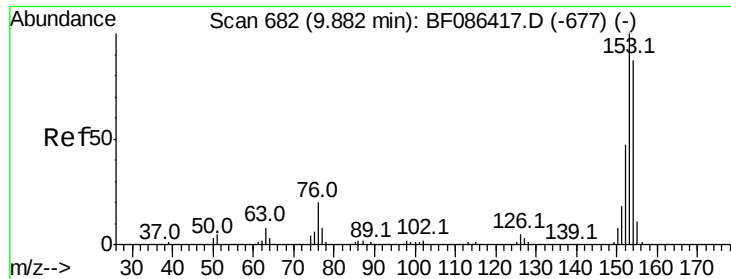
#50
2,6-Dinitrotoluene
Concen: 37.95 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144840		
63	85.6		51.8	77.8#
89	70.8		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: 43.59 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

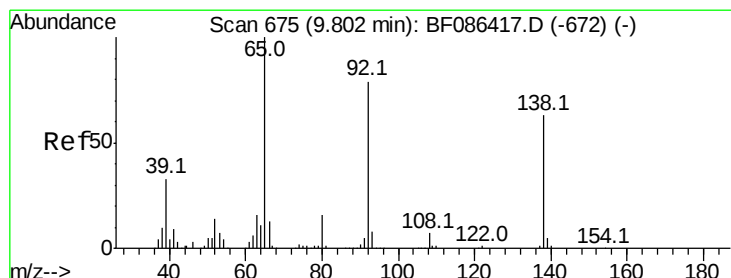
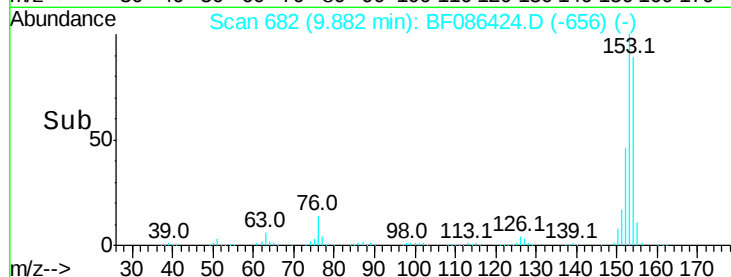
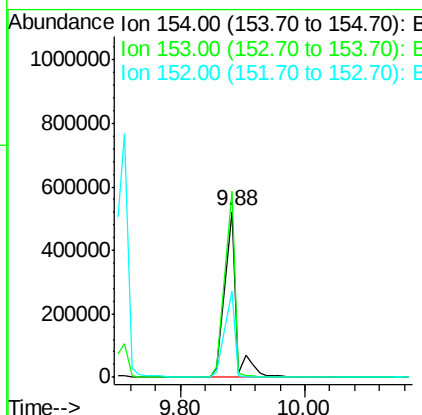
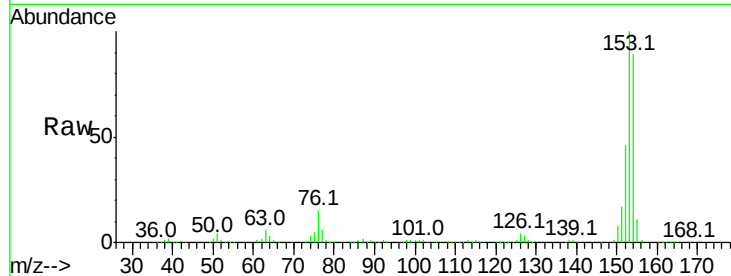
ClientSampleId :

PB90056BS

Tot Ion:	154	Resp:	682623
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.6
152	51.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 32.25 ng

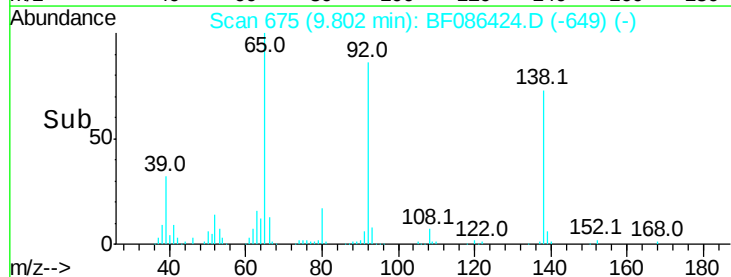
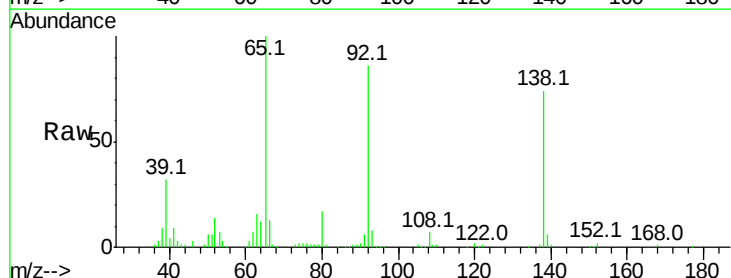
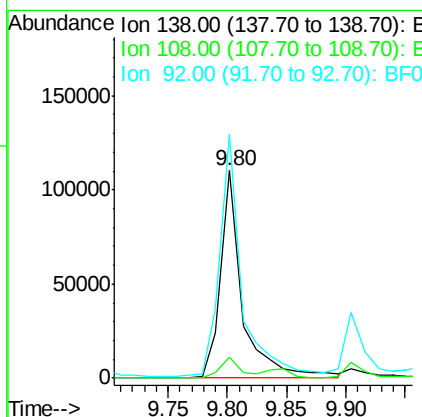
RT: 9.80 min Scan# 675

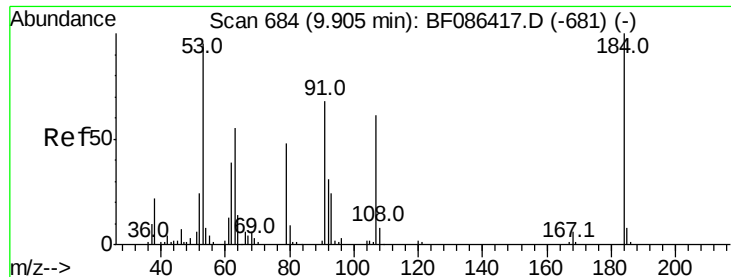
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:	138	Resp:	139968
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	117.3	87.8	131.8





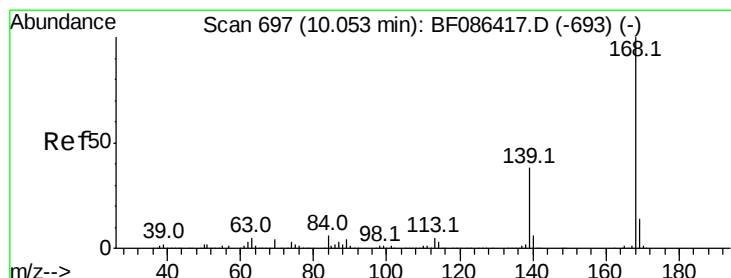
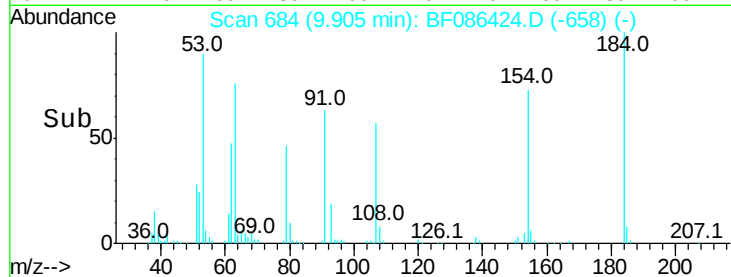
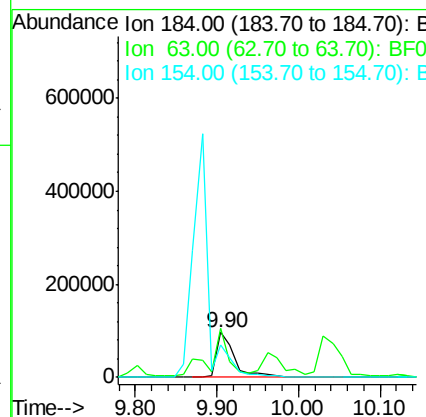
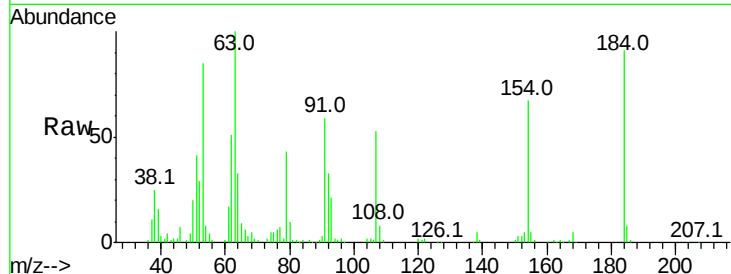
#53
2,4-Dinitrophenol
Concen: 72.76 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	110.4	55.8	83.8#	
154	73.5	62.4	93.6	

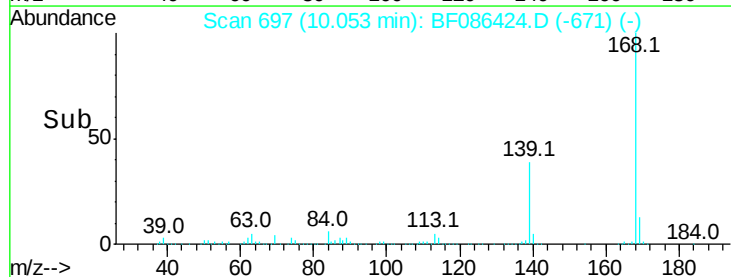
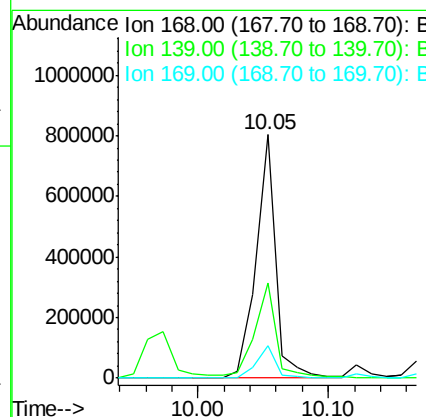
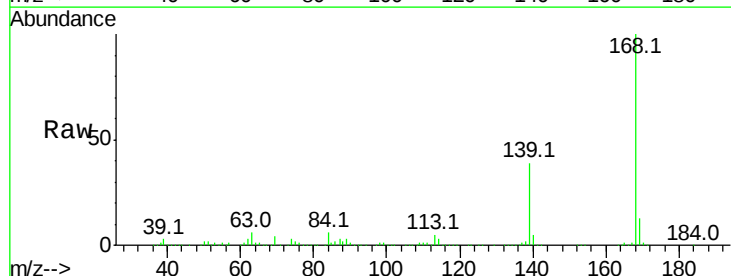
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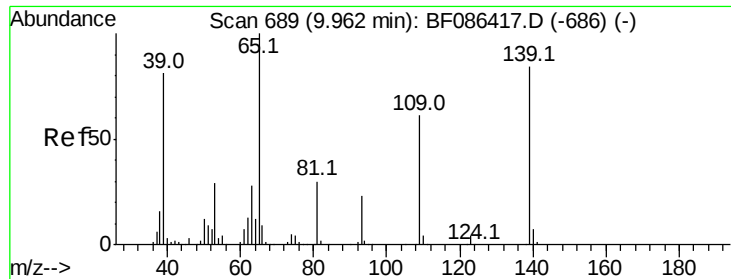
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#54
Dibenzofuran
Concen: 43.44 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	31.4	47.0	
169	13.4	10.7	16.1	





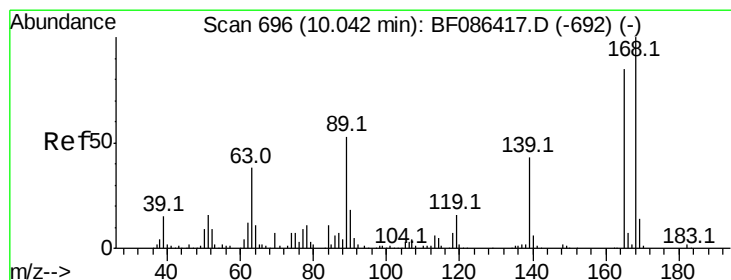
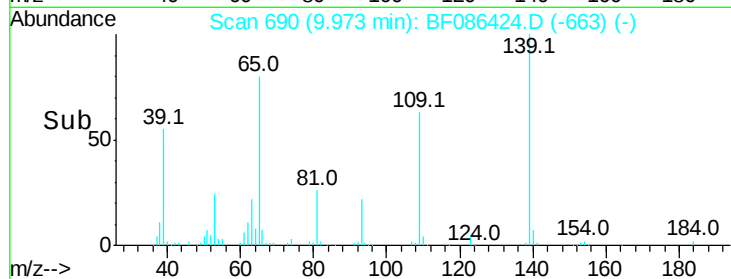
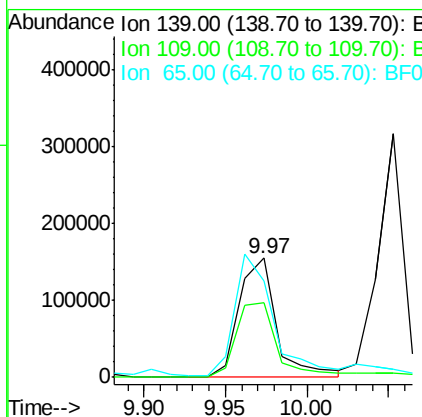
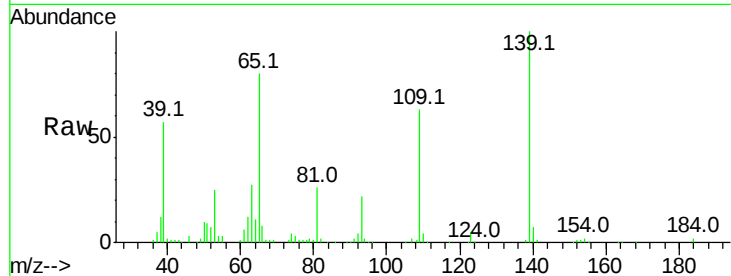
#55
4-Nitrophenol
Concen: 86.70 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampled :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	246410		
109	63.0	36.9	76.9	
65	80.5	64.0	104.0	

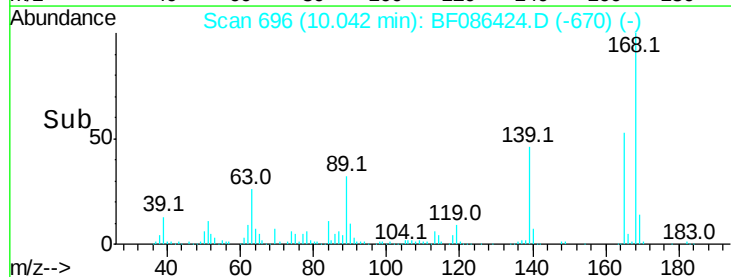
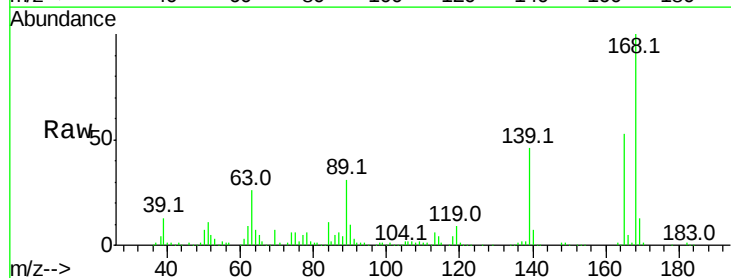
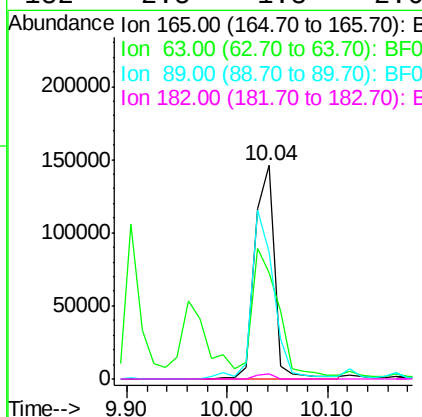
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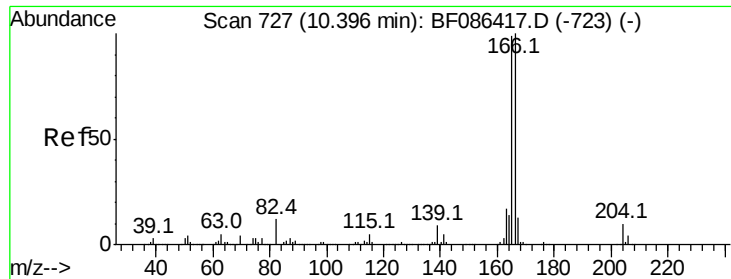
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#56
2,4-Dinitrotoluene
Concen: 41.19 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200426		
63	49.7	44.3	66.5	
89	59.5	70.0	105.0#	
182	2.5	1.8	2.6	





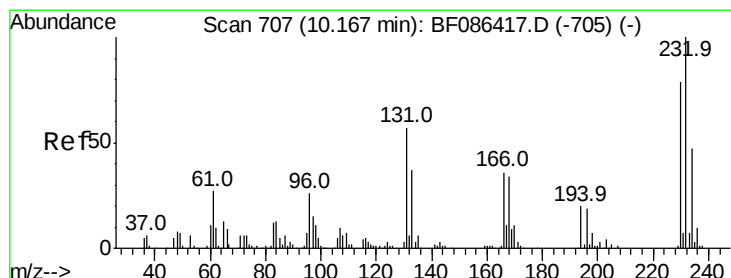
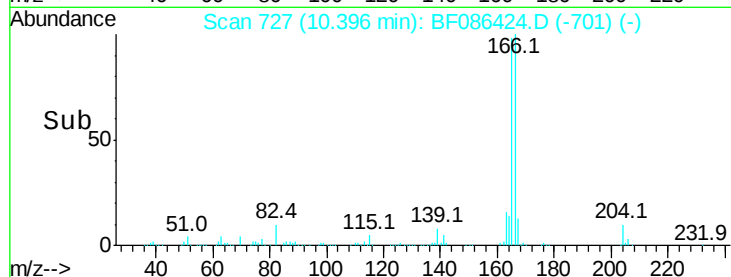
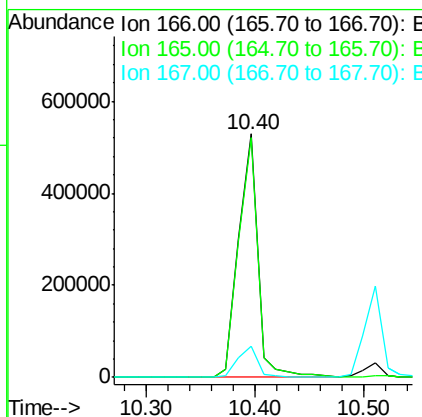
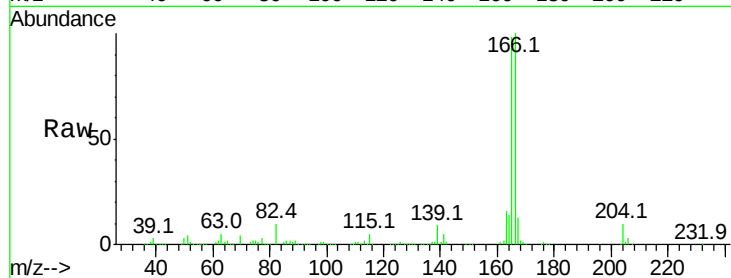
#57
Fluorene
Concen: 37.85 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	643218		
165	98.5	79.0	118.6	
167	12.9	10.6	15.8	

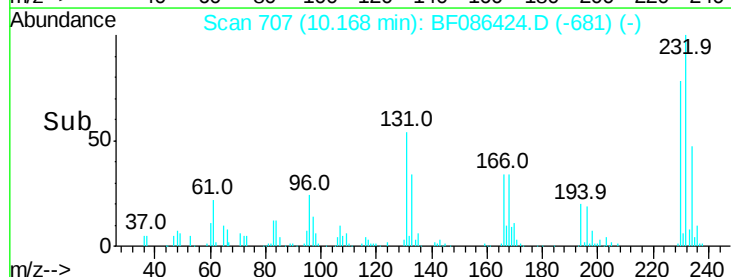
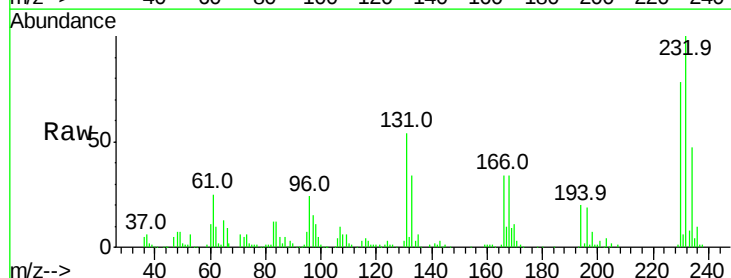
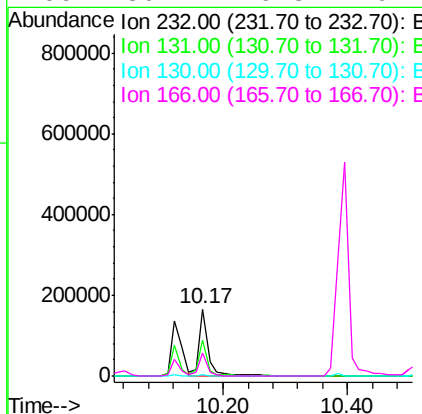
Manual Integrations
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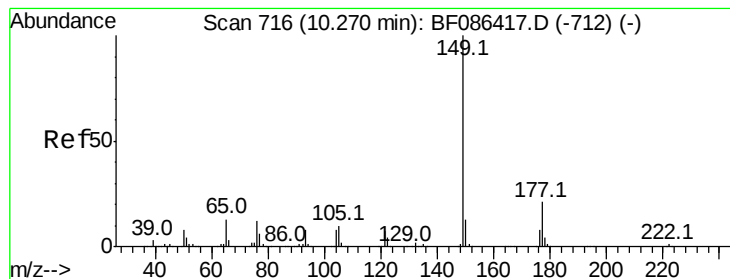
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#58
2,3,4,6-Tetrachlorophenol
Concen: 46.08 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	174341		
131	50.2	41.9	62.9	
130	2.4	2.2	3.4	
166	30.4	26.8	40.2	





#59

Diethylphthalate

Concen: 36.66 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:149 Resp: 641079

Ion Ratio Lower Upper

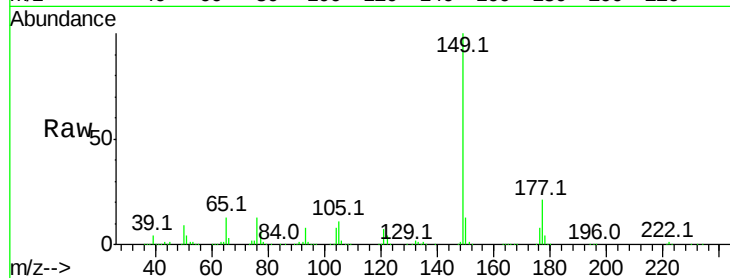
149 100

177 20.9 16.6 24.8

150 12.6 10.0 15.0

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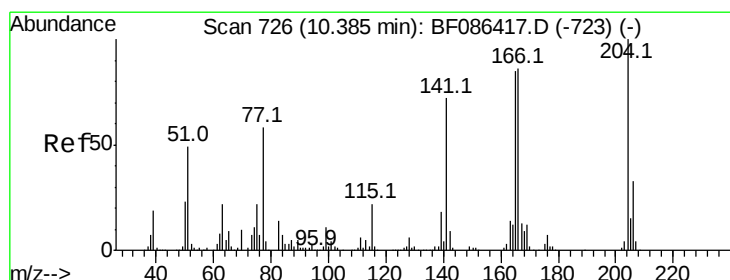
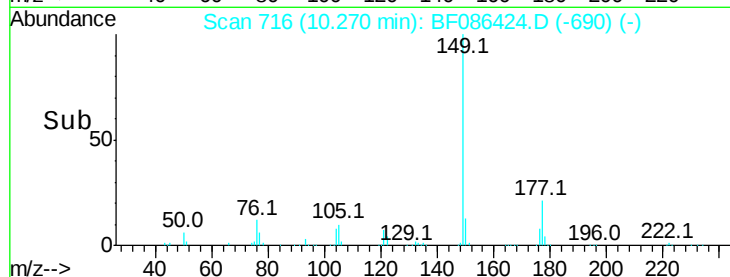
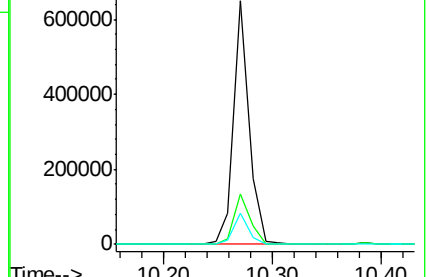
sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.21 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

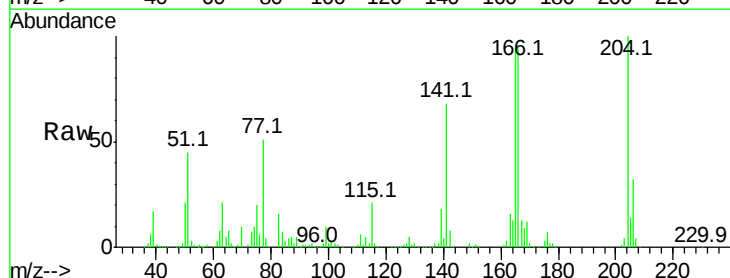
Tgt Ion:204 Resp: 294758

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

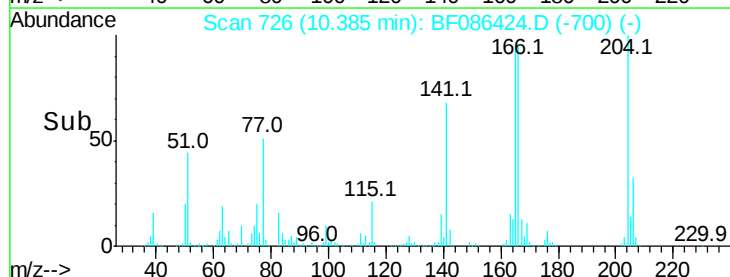
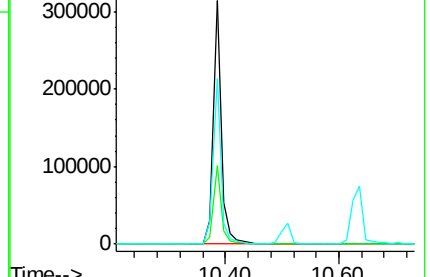
141 67.9 61.6 92.4

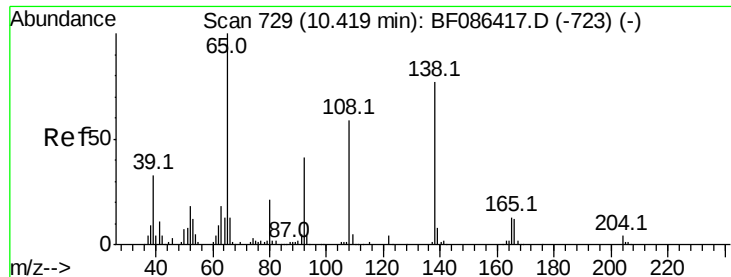


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





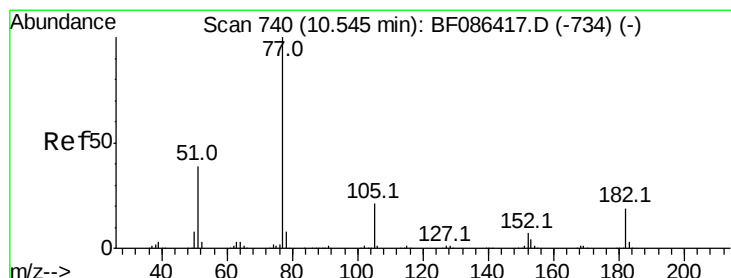
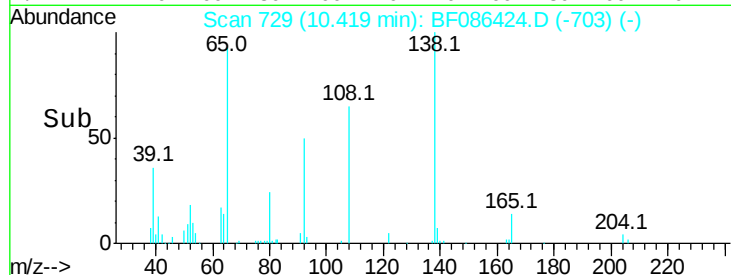
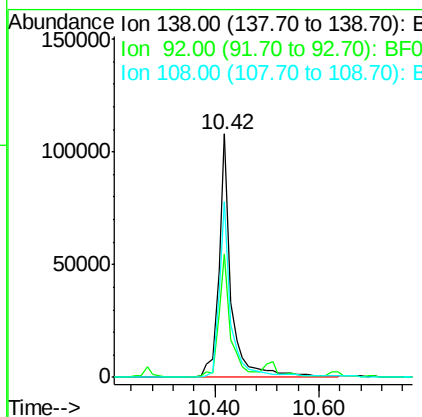
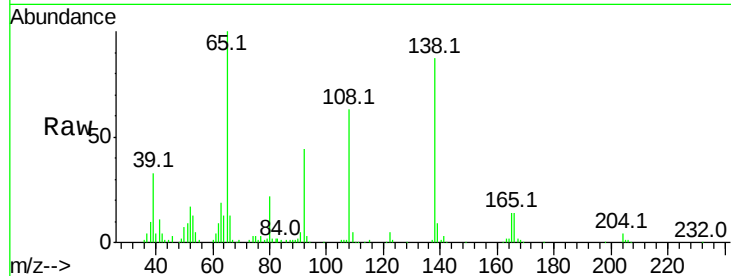
#61
4-Nitroaniline
Concen: 41.86 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	177611		
92	50.6	24.7	64.7	
108	72.1	37.4	77.4	

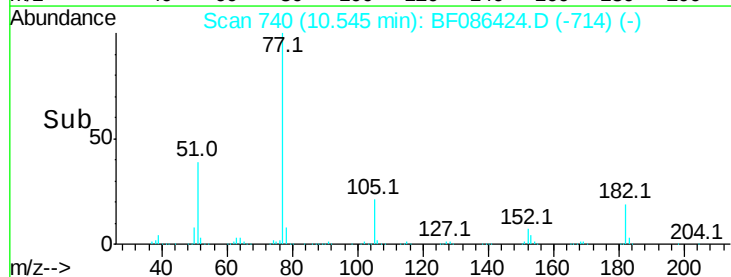
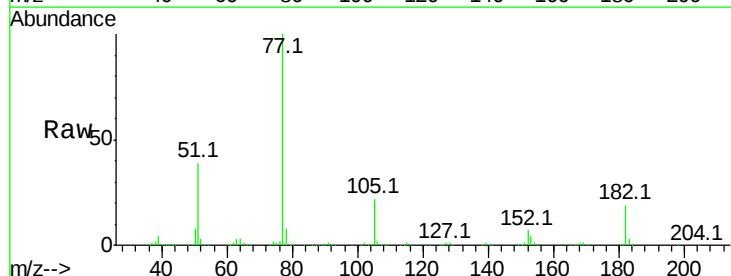
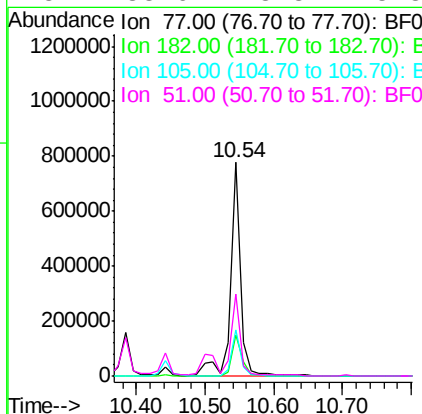
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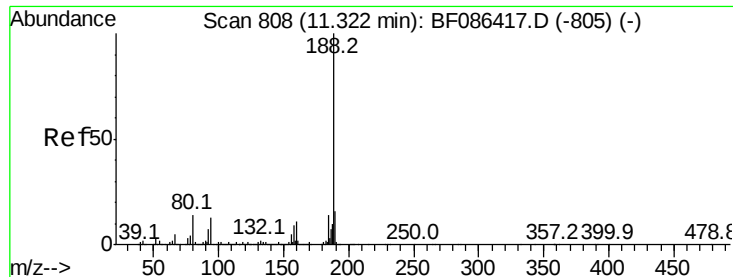
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#62
Azobenzene
Concen: 42.16 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	807573		
182	19.3	0.0	38.8	
105	21.5	3.2	43.2	
51	38.6	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

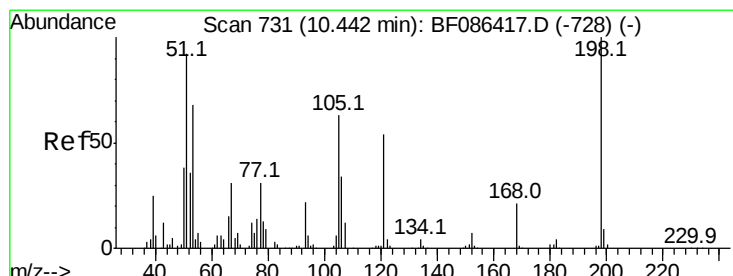
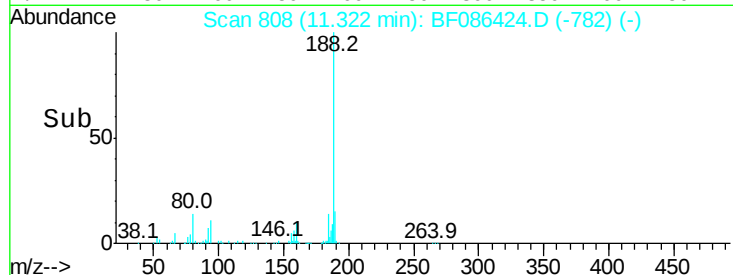
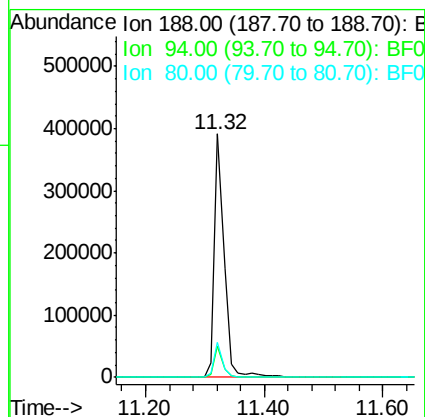
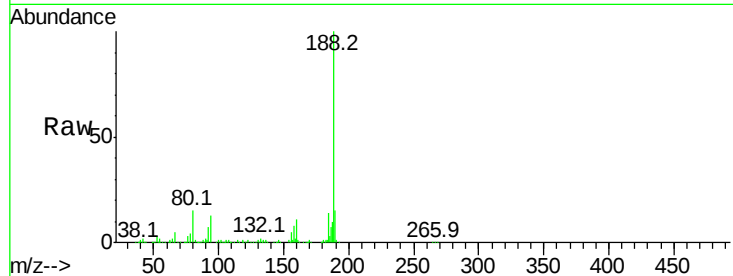
ClientSampled :

PB90056BS

Tot Ion:188	Resp:	445008
Ion Ratio	Lower	Upper
188 100		
94 12.9	6.8	10.2#
80 14.5	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.35 ng

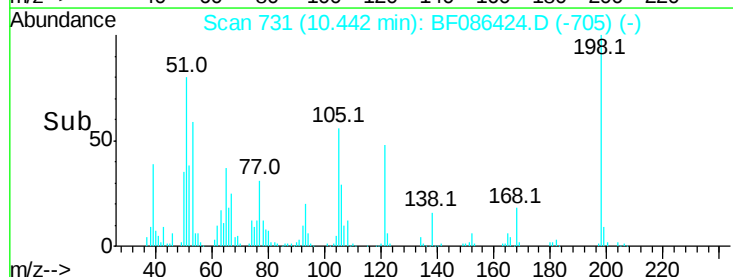
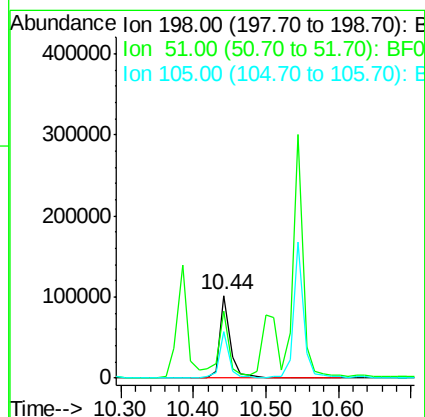
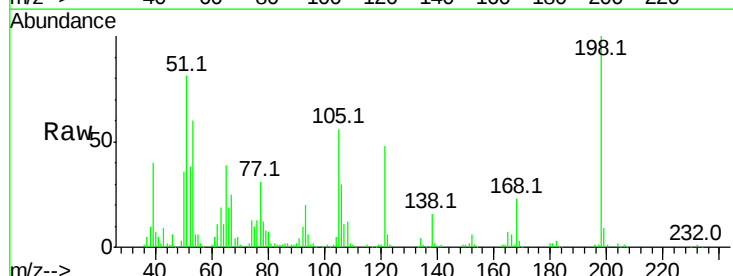
RT: 10.44 min Scan# 731

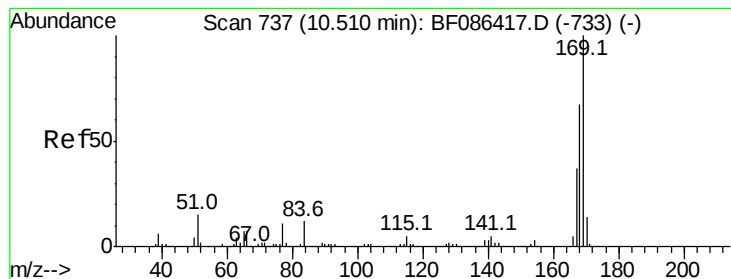
Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Tgt Ion:198	Resp:	105426
Ion Ratio	Lower	Upper
198 100		
51 81.1	20.5	60.5#
105 55.7	24.5	64.5





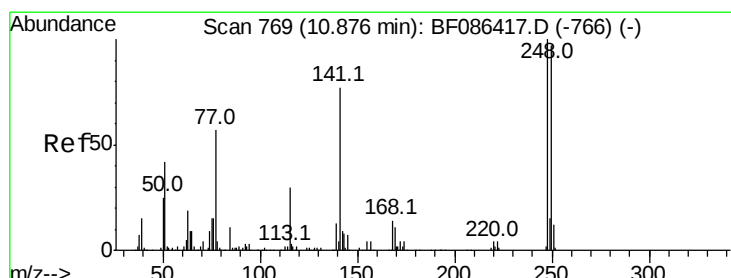
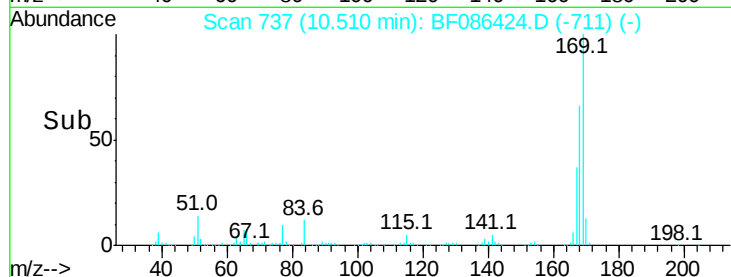
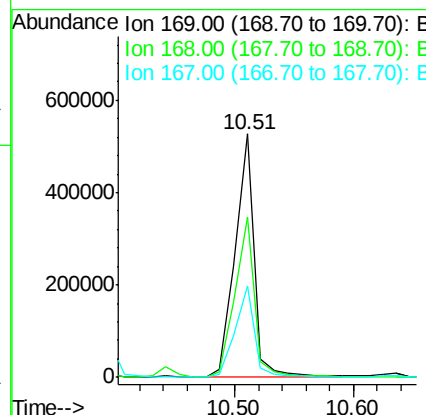
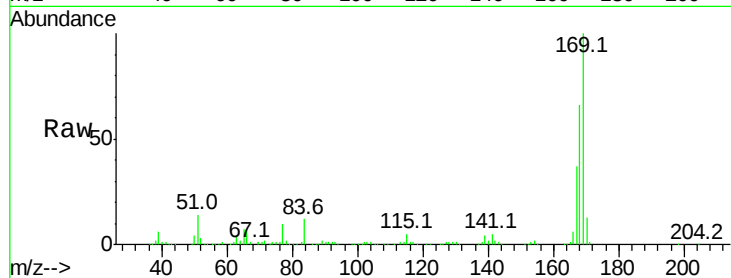
#65
n-Nitrosodiphenylamine
Concen: 42.32 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	588634		
168	66.1		53.8	80.6
167	37.4		29.5	44.3

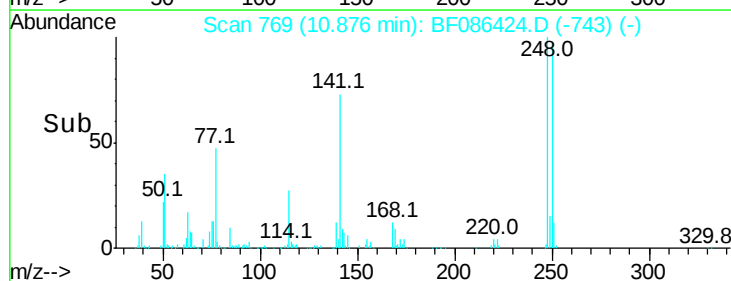
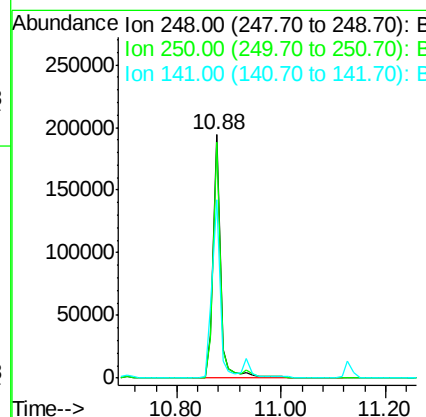
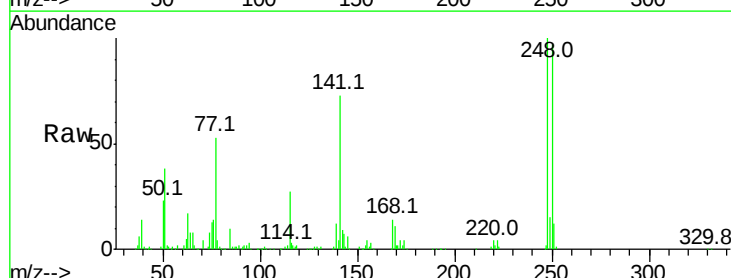
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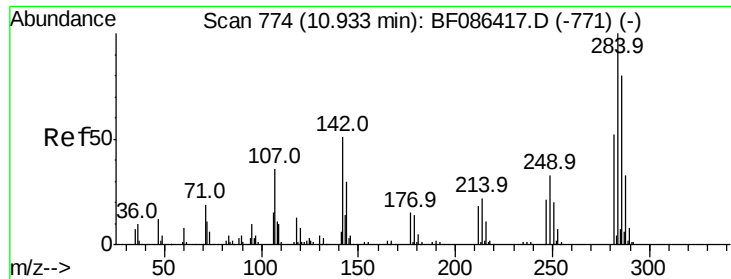
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#66
4-Bromophenyl-phenylether
Concen: 42.26 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193795		
250	96.8		78.6	117.8
141	73.5		76.0	114.0#





#67

Hexachlorobenzene

Concen: 38.11 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

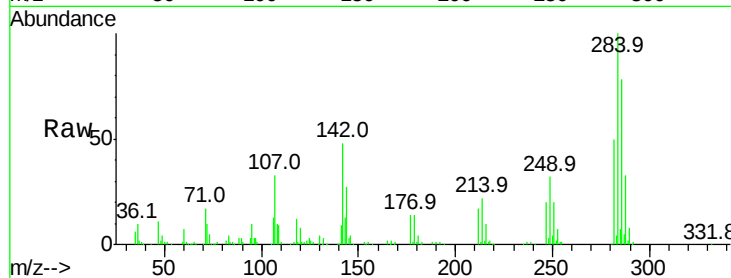
ClientSampleId :

PB90056BS

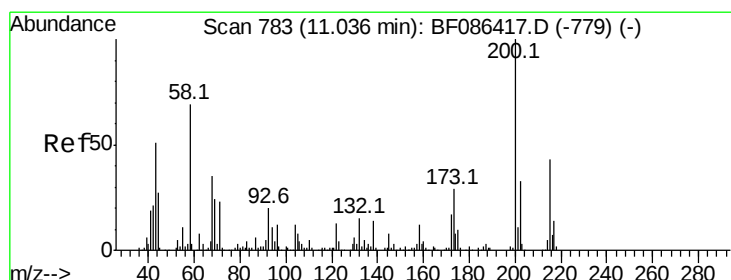
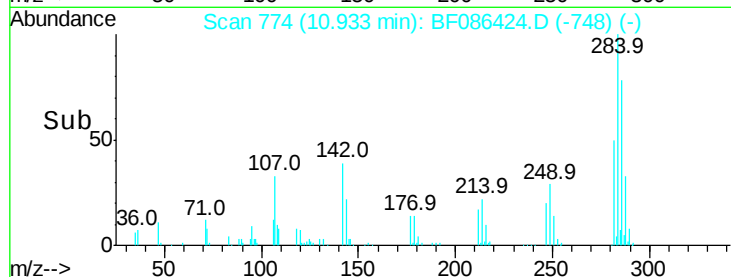
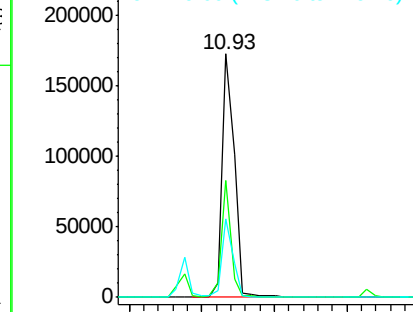
Tot Ion	Ratio	Resp	Lower	Upper
284	100	202280		
142	48.1	16.7	25.1#	
249	32.1	21.3	31.9#	

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



#68

Atrazine

Concen: 45.98 ng

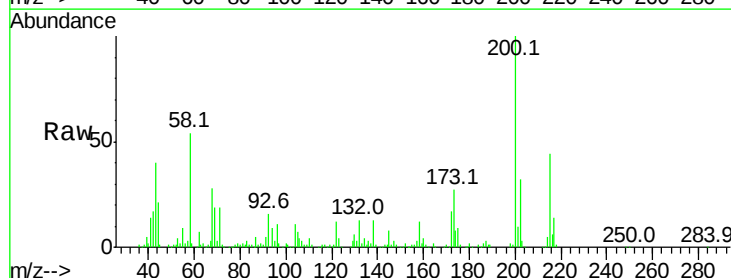
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

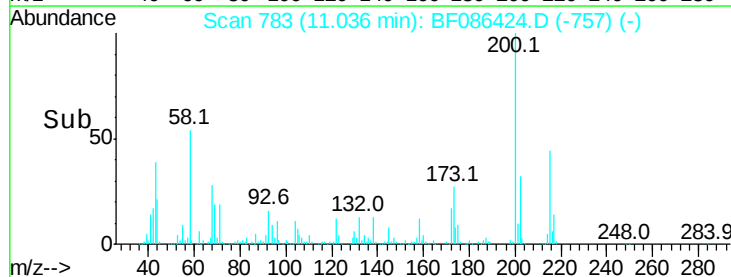
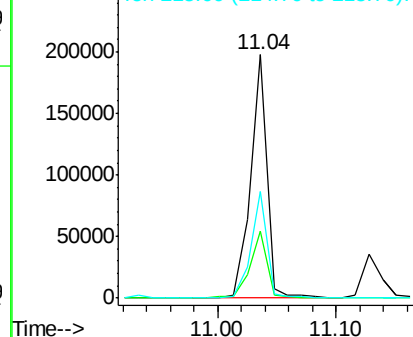
Lab File: BF086424.D

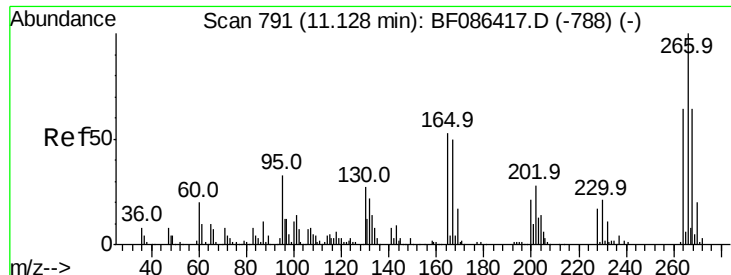
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	192031		
173	27.5	8.5	48.5	
215	43.7	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





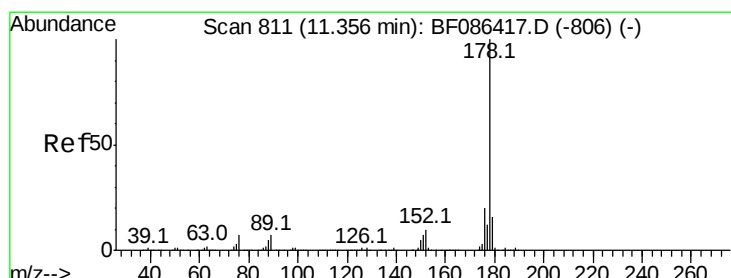
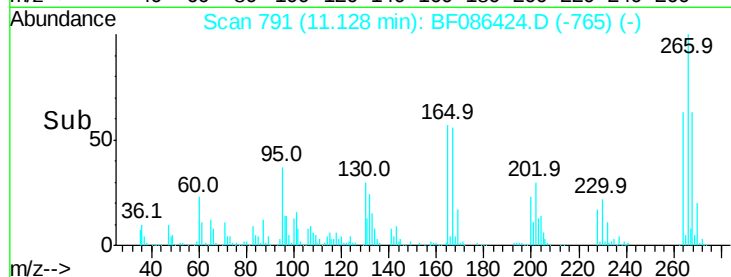
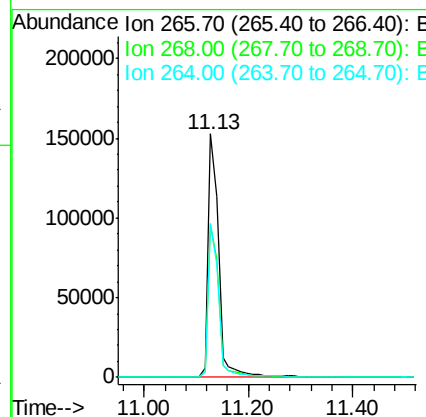
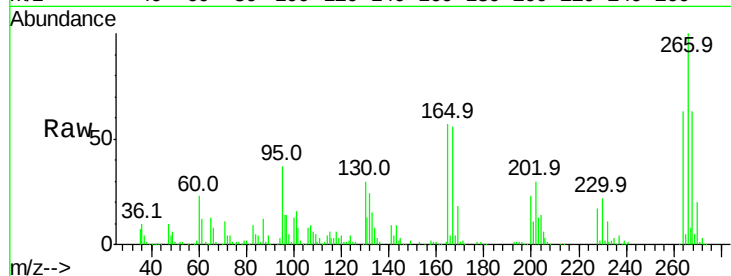
#69
 Pentachlorophenol
 Concen: 77.40 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	216600		
268	62.7		51.5	77.3
264	63.2		52.9	79.3

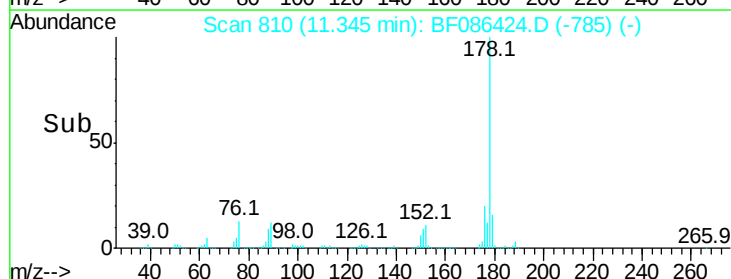
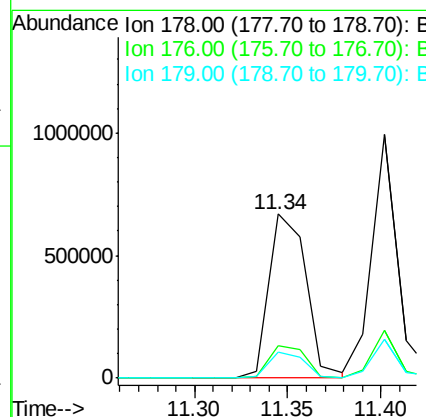
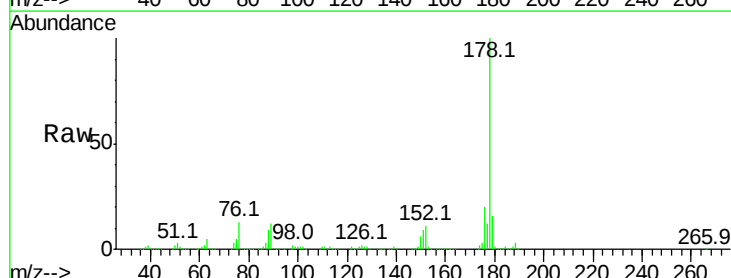
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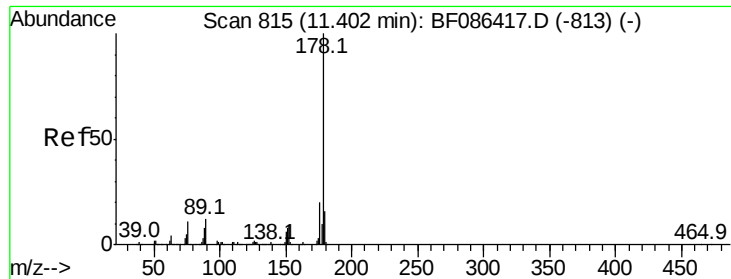
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#70
 Phenanthrene
 Concen: 39.39 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	919913		
176	19.9		16.0	24.0
179	15.9		12.6	18.8





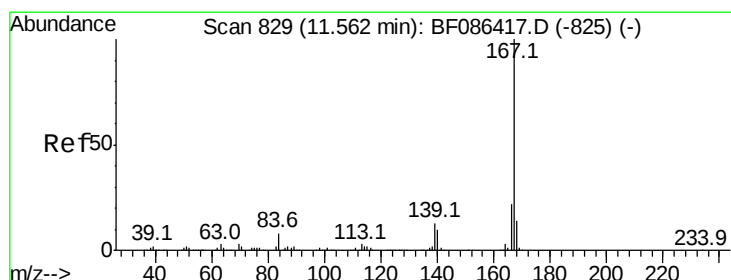
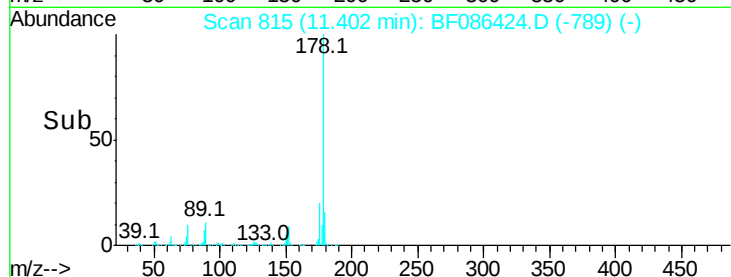
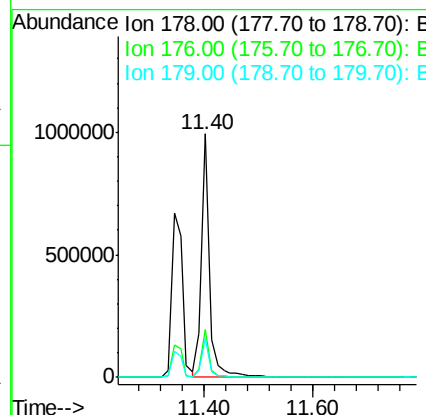
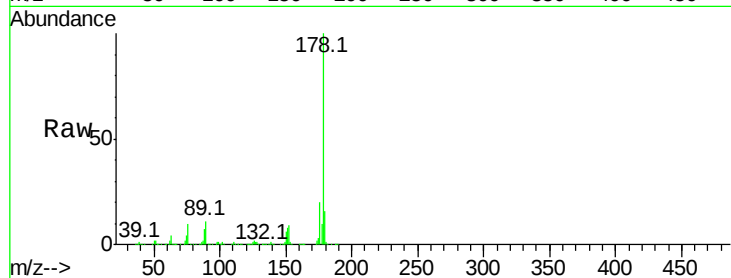
#71
 Anthracene
 Concen: 40.68 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampled :
 PB90056BS

Tot Ion:178 Resp: 1013957
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.9 12.7 19.1

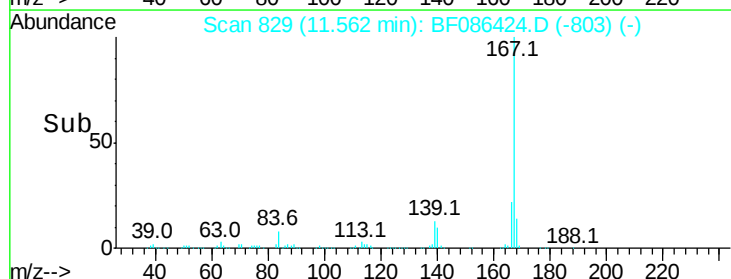
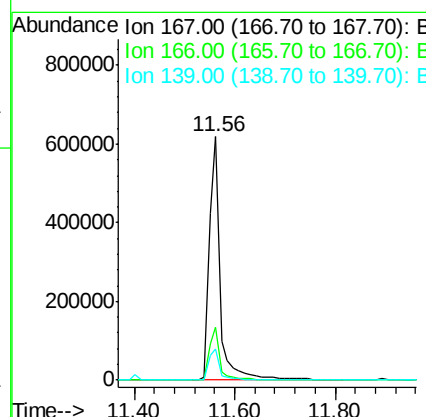
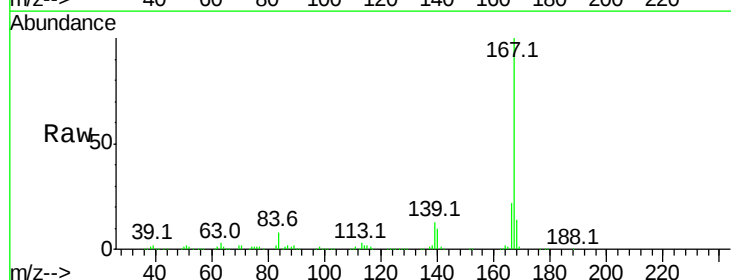
Manual Integrations
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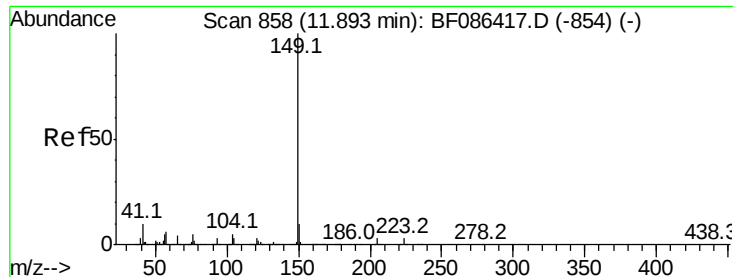
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#72
 Carbazole
 Concen: 41.94 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion:167 Resp: 926358
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.96 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:149 Resp: 1075132

Ion Ratio Lower Upper

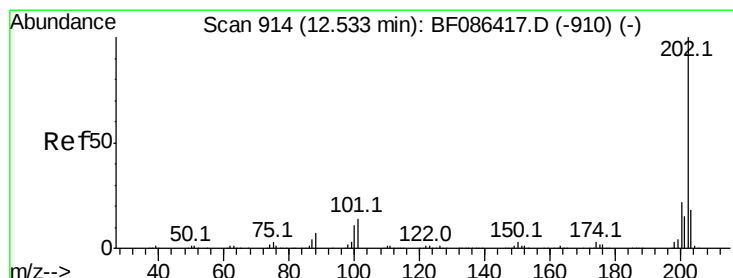
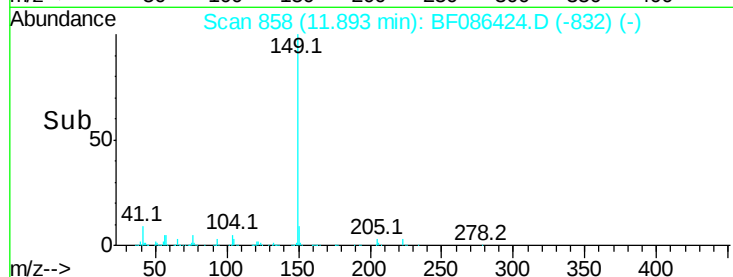
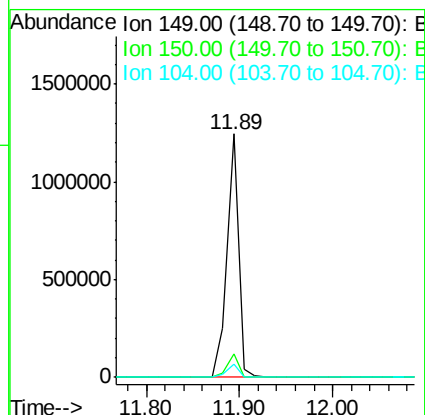
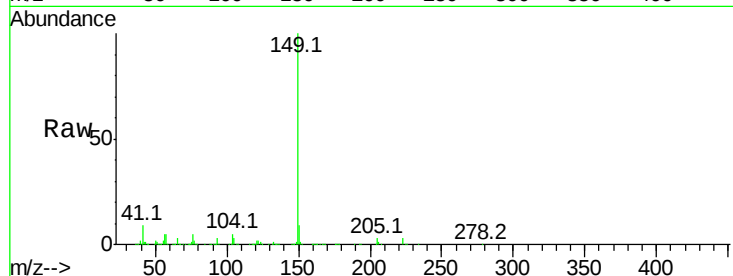
149 100

150 9.4 7.6 11.4

104 5.2 3.8 5.6

Manual Integrations
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#74

Fluoranthene

Concen: 42.24 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

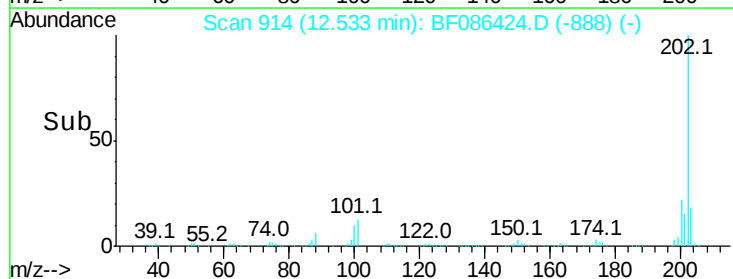
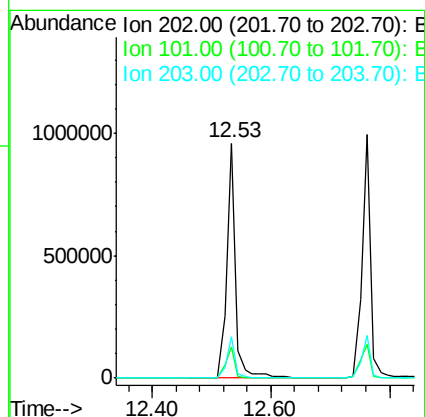
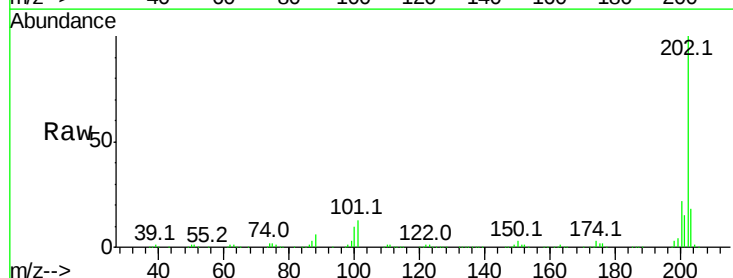
Tgt Ion:202 Resp: 995804

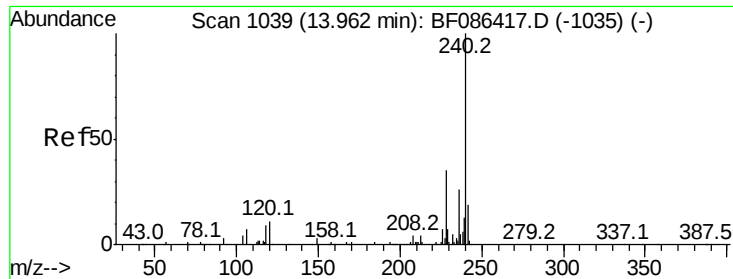
Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

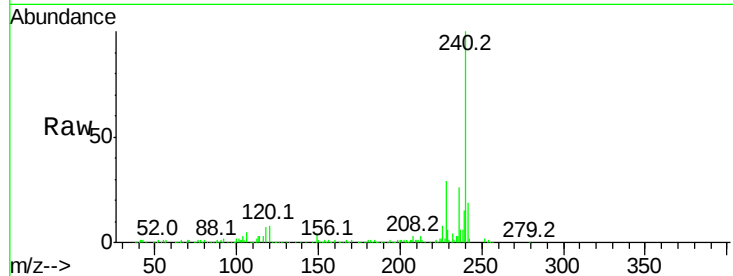
ClientSampleId :

PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	319841		
120	7.9	11.2	16.8#	
236	26.0	21.2	31.8	

Manual Integrations
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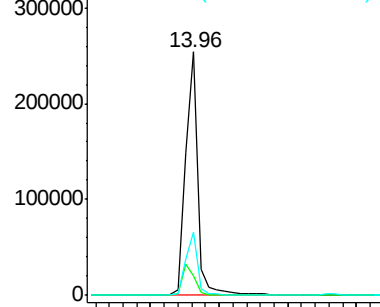
sohil
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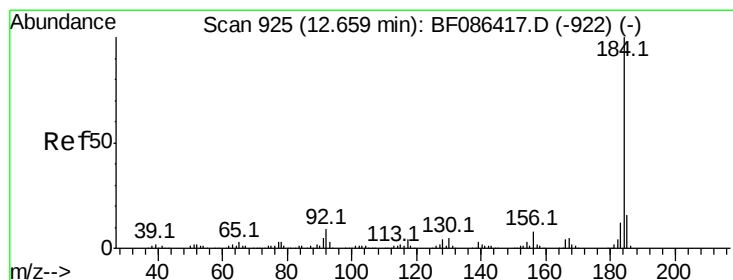
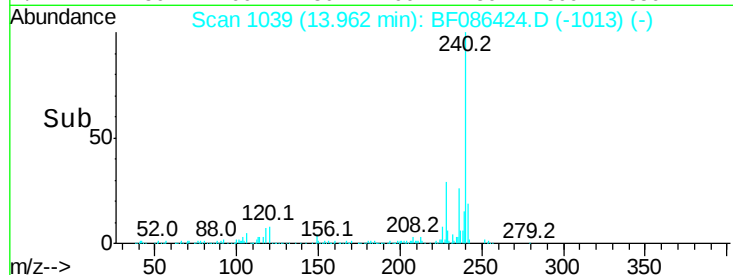
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 34.89 ng

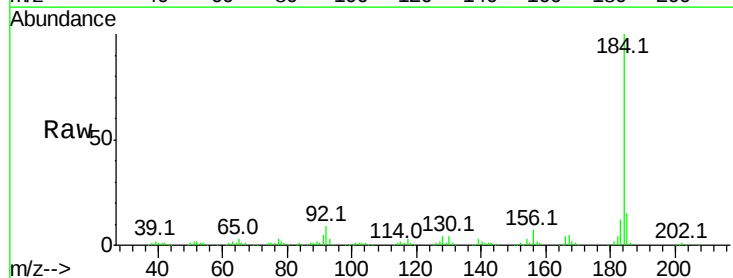
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

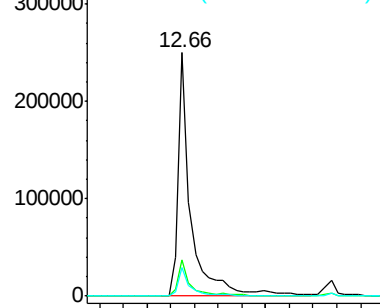
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	383466		
185	15.1	13.6	20.4	
183	11.5	9.8	14.6	



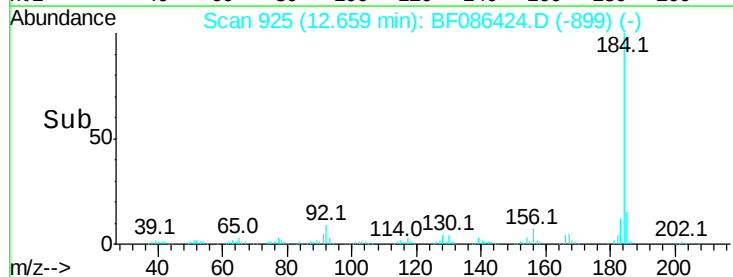
Abundance Ion 184.00 (183.70 to 184.70): E

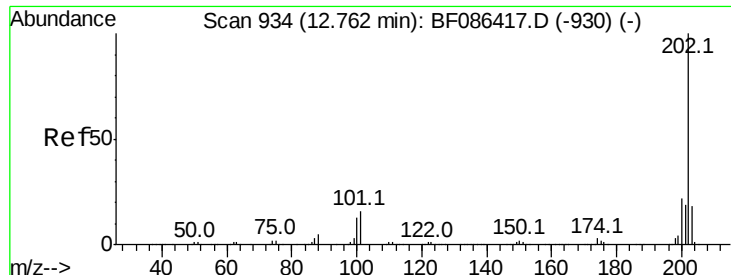
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 43.33 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

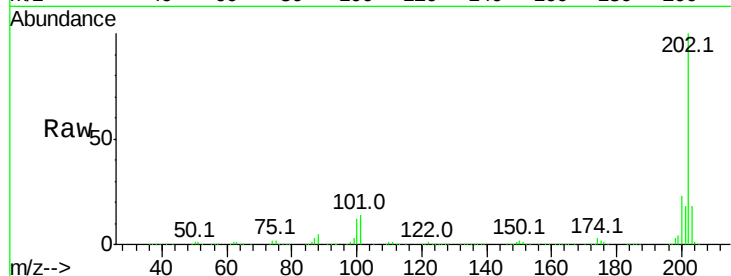
ClientSampleId :

PB90056BS

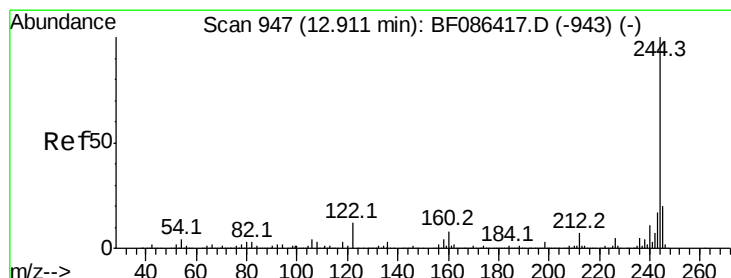
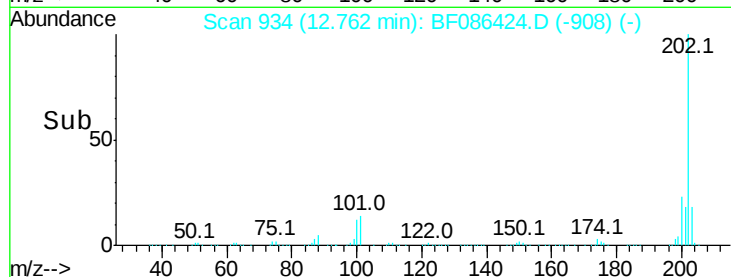
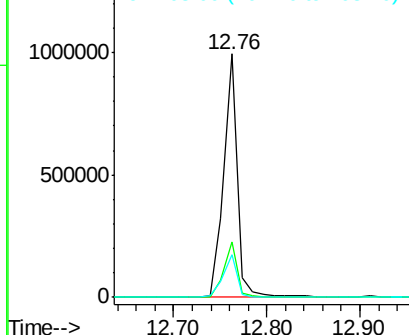
Tot Ion:	202	Resp:	998561
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	17.8	14.2	21.4

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



#78

Terphenyl-d14

Concen: 79.57 ng

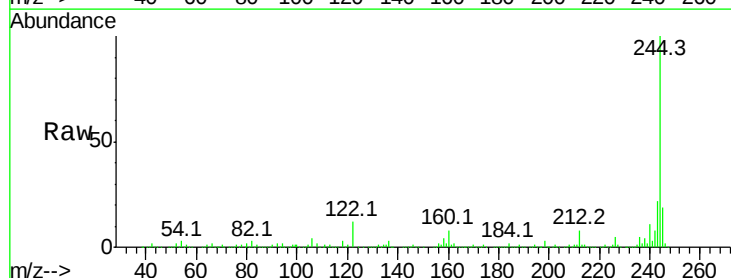
RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

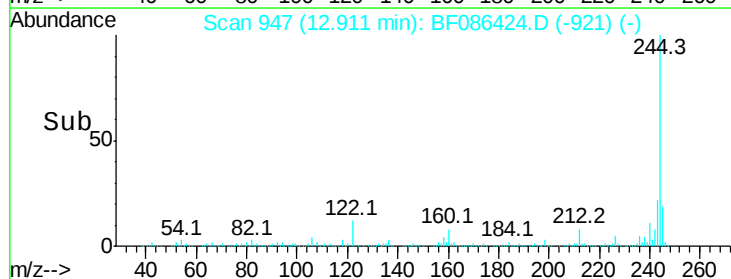
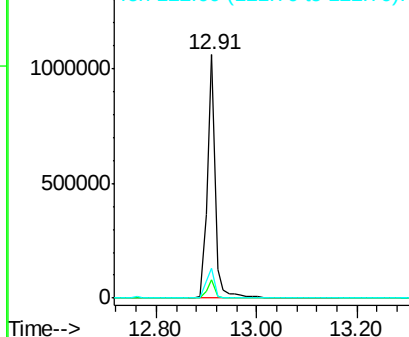
Lab File: BF086424.D

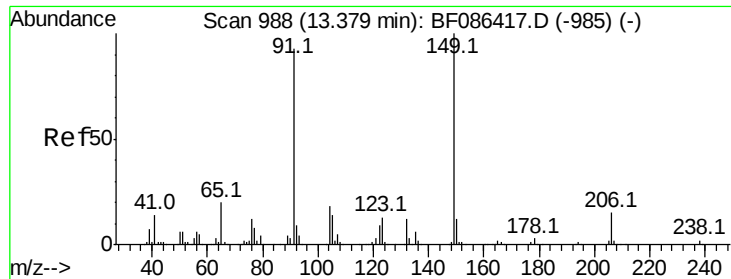
Acq: 27 Apr 2016 15:15

Tgt Ion:	244	Resp:	1155135
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	12.3	12.0	18.0



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





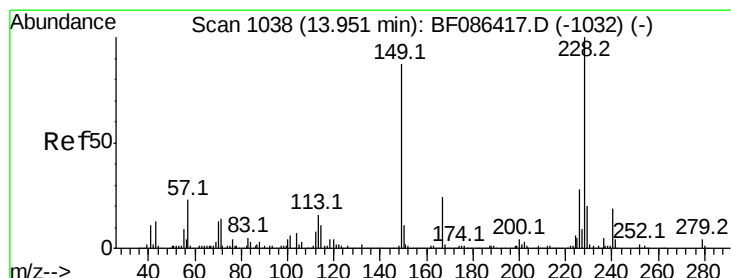
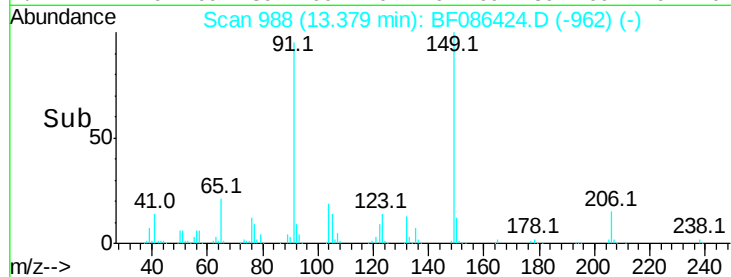
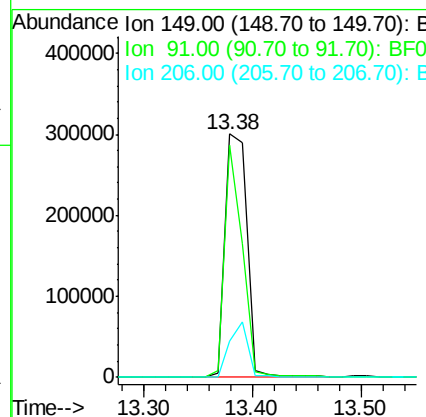
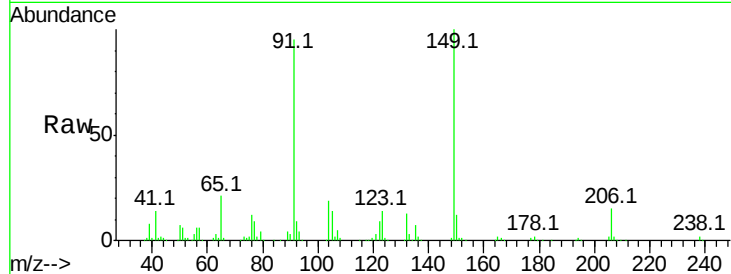
#79
Butylbenzylphthalate
Concen: 42.55 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	424734		
91	95.1	48.0	72.0#	
206	15.1	15.8	23.6#	

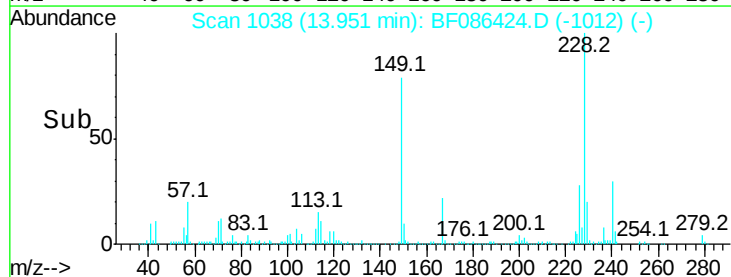
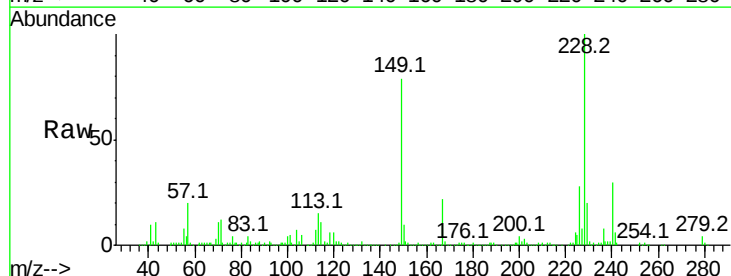
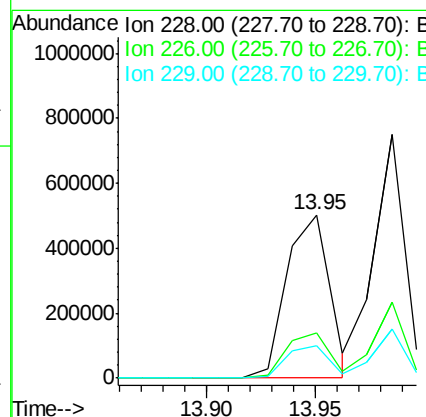
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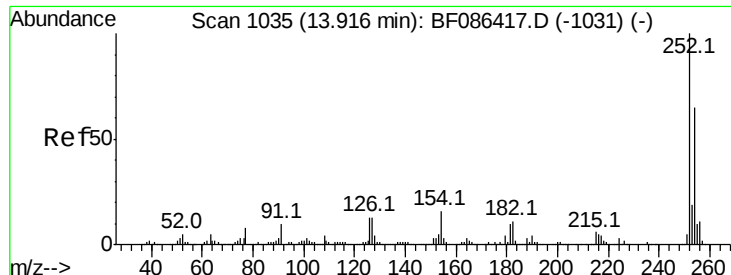
sohil
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#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	697840		
226	28.0	22.5	33.7	
229	19.8	16.6	25.0	





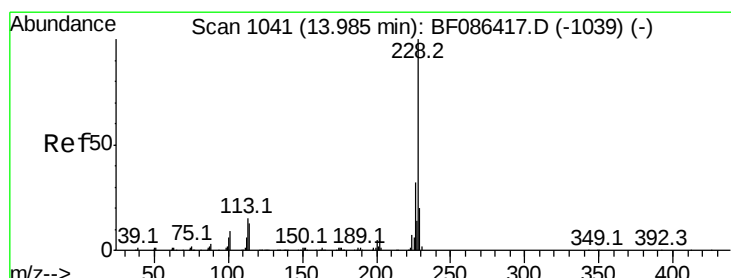
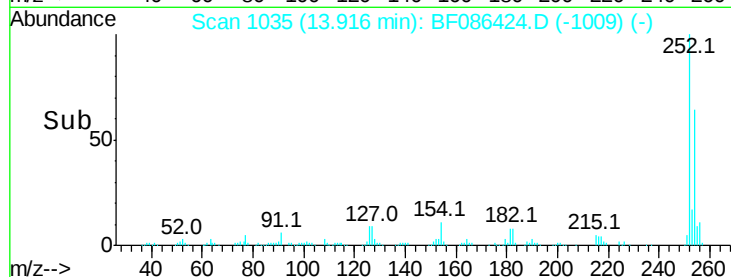
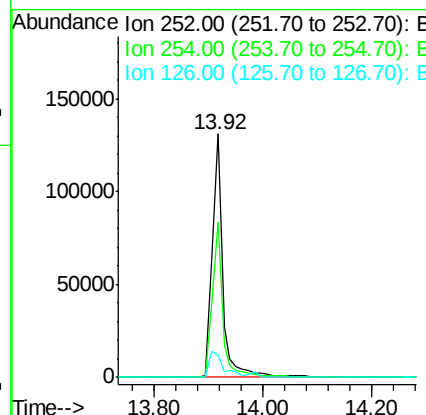
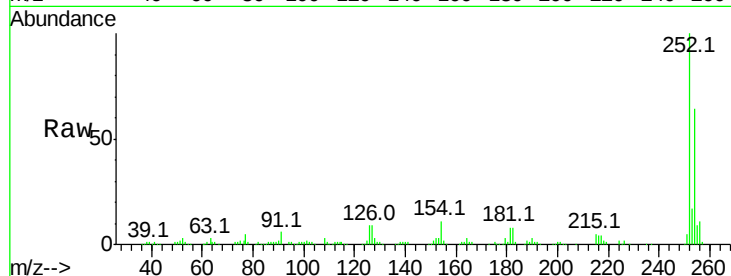
#81
 3,3'-Dichlorobenzidine
 Concen: 15.59 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	177687		
254	63.9	50.7	76.1	
126	9.2	12.7	19.1	

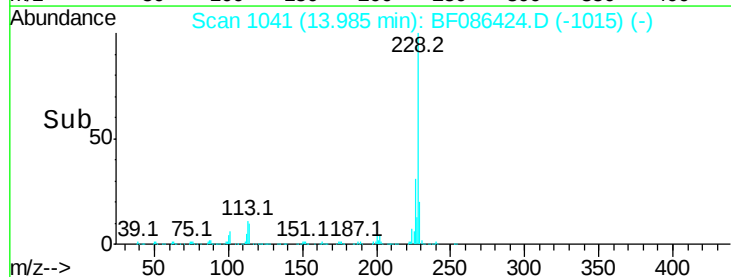
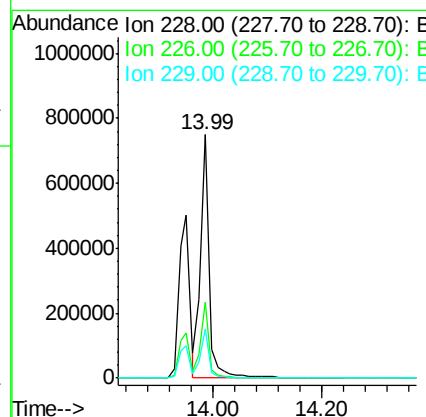
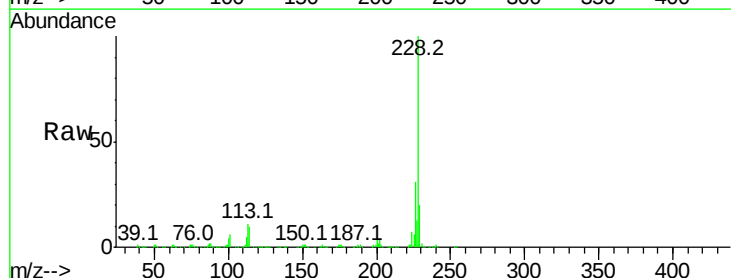
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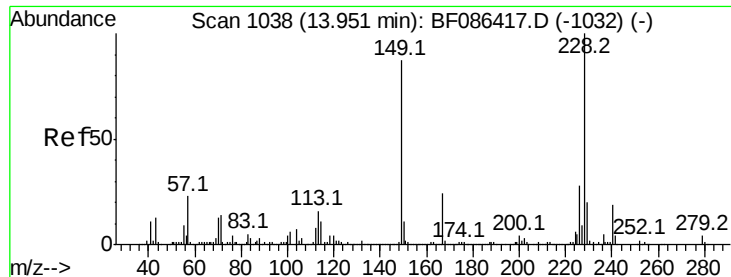
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#82
 Chrysene
 Concen: 44.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	821646		
226	31.2	24.4	36.6	
229	20.2	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.75 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:149 Resp: 529657

Ion Ratio Lower Upper

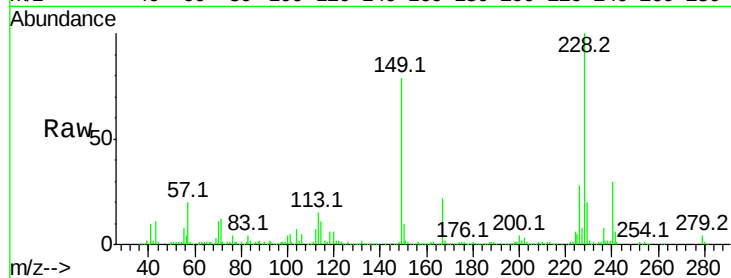
149 100

167 27.8 21.8 32.6

279 4.6 2.6 4.0#

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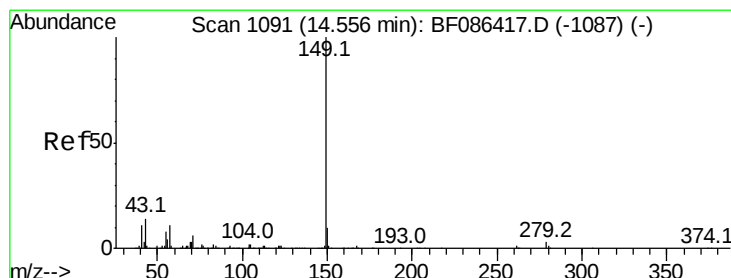
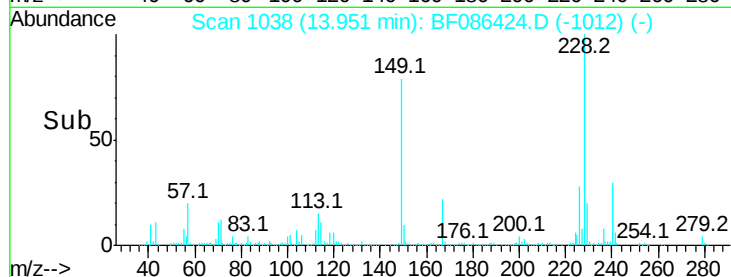
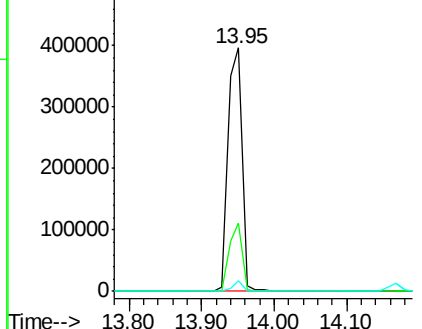
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.74 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

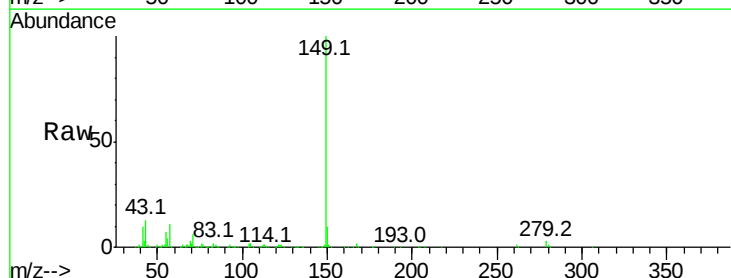
Tgt Ion:149 Resp: 906807

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

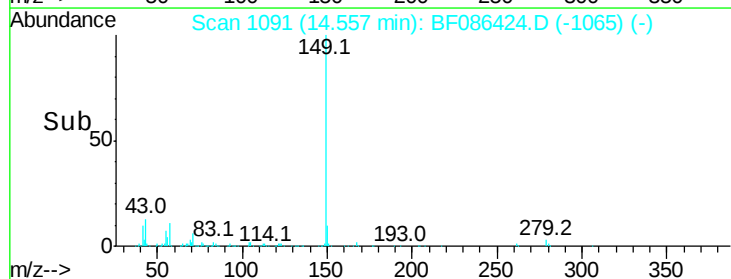
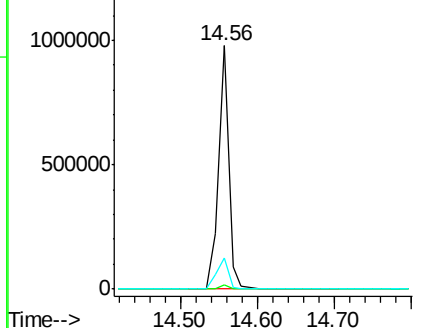
43 14.9 8.2 12.4#

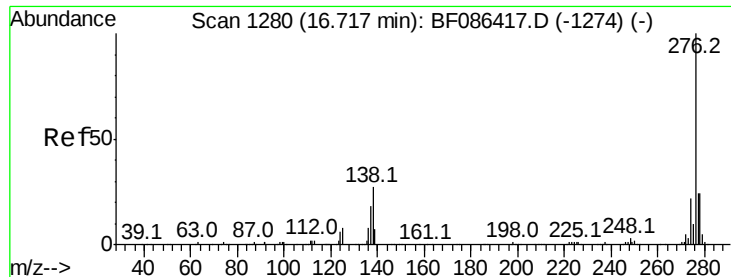


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





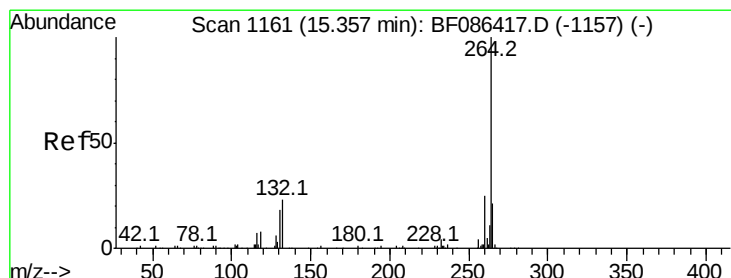
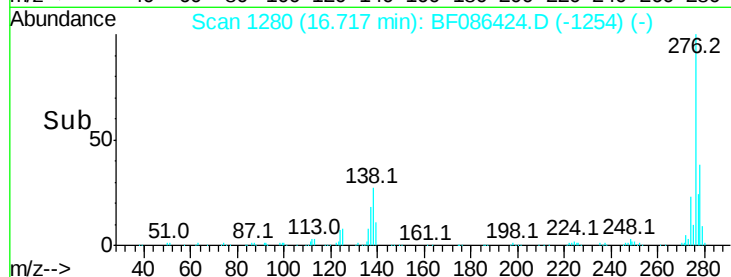
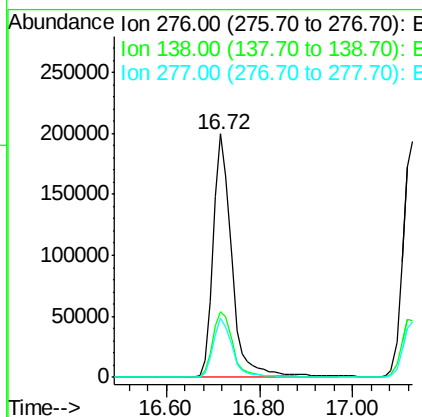
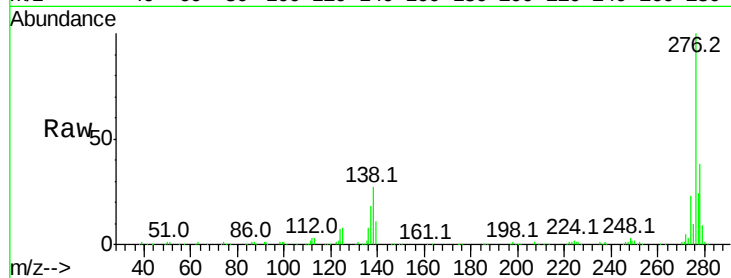
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.77 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampled :
 PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	559908		
138	29.6		25.6	38.4
277	25.1		20.5	30.7

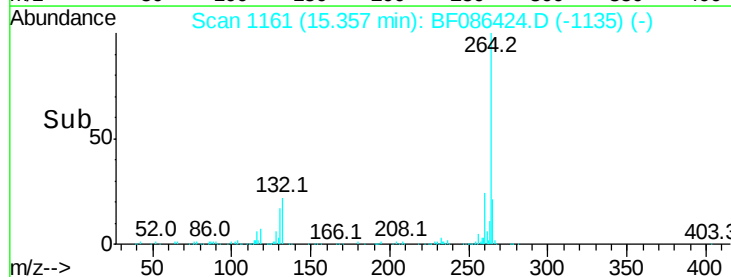
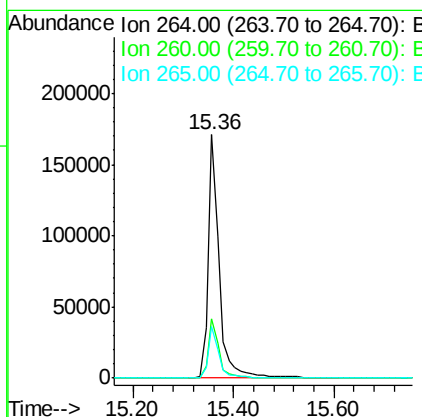
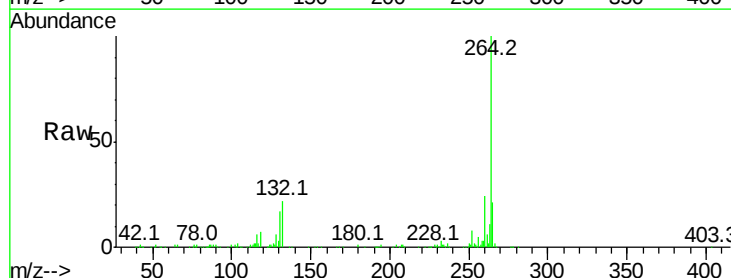
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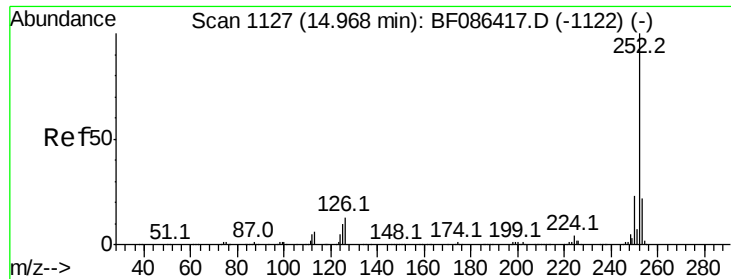
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	257808		
260	24.2		19.5	29.3
265	21.4		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.24 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

Instrument :

BNA_F

ClientSampleId :

PB90056BS

Tot Ion:252 Resp: 701270

Ion Ratio Lower Upper

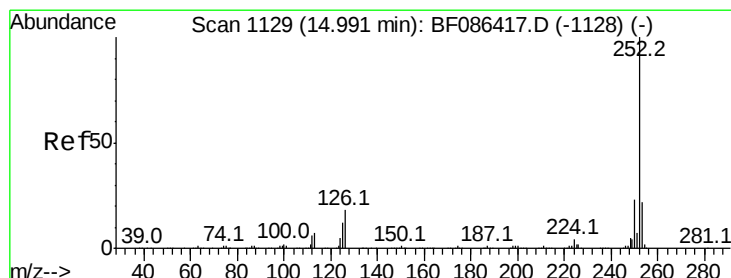
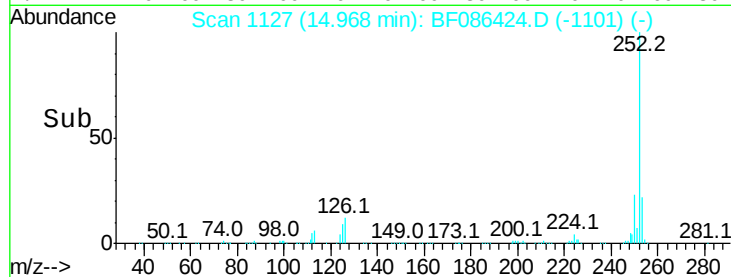
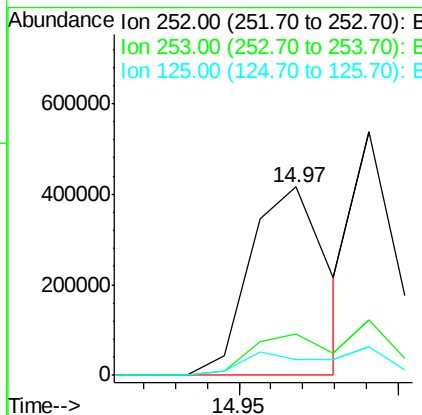
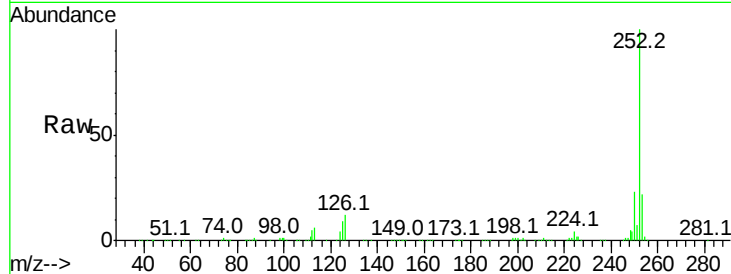
252 100

253 22.1 17.8 26.6

125 8.7 11.4 17.0#

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#88

Benzo(k)fluoranthene

Concen: 37.42 ng m

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF086424.D

Acq: 27 Apr 2016 15:15

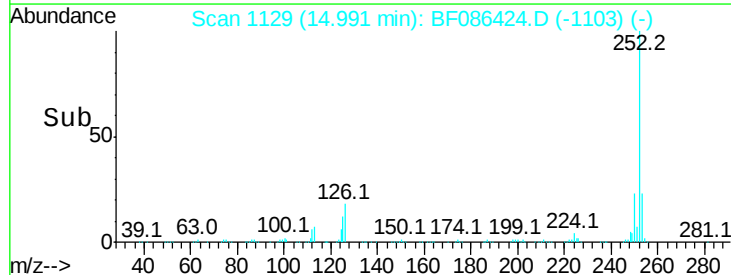
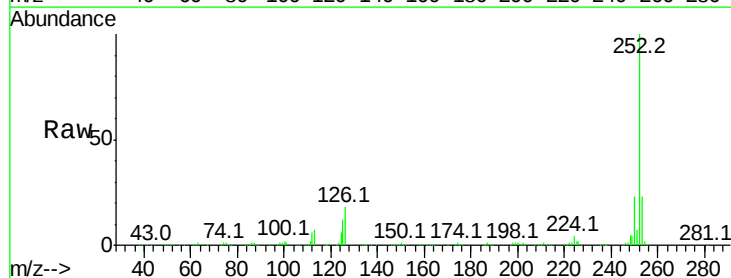
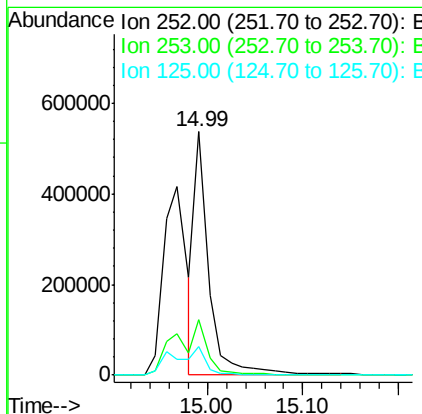
Tgt Ion:252 Resp: 592015

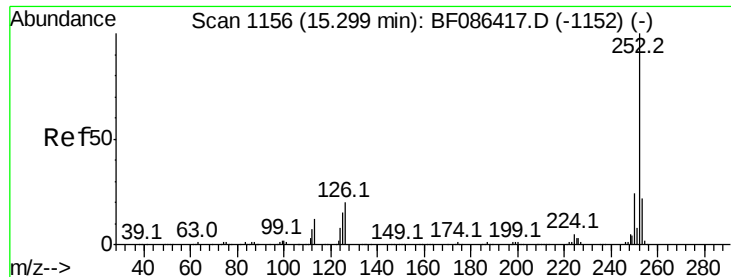
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 12.0 9.1 13.7





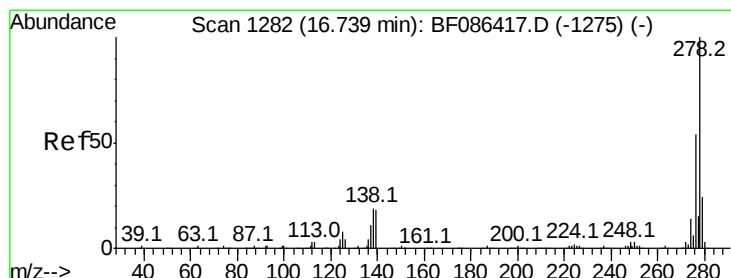
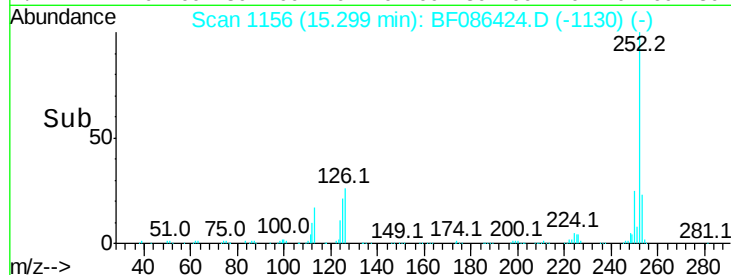
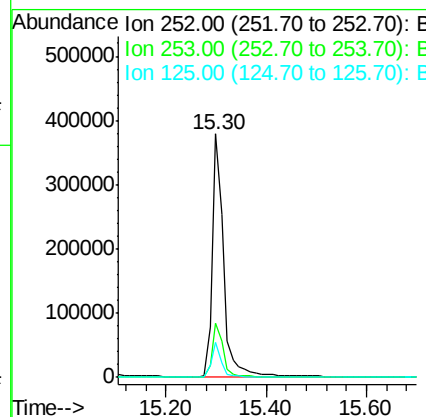
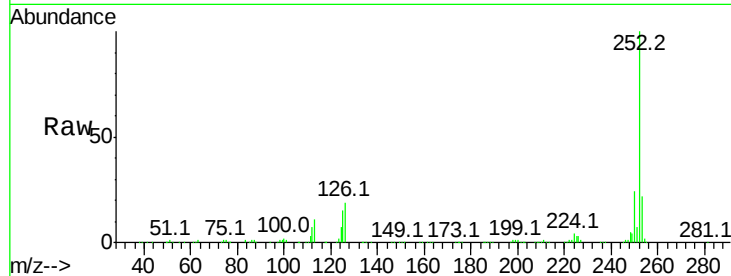
#89
Benzo(a)pyrene
Concen: 41.01 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Instrument :
BNA_F
ClientSampled :
PB90056BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	587226		
253	22.2		17.2	25.8
125	14.6		9.0	13.6

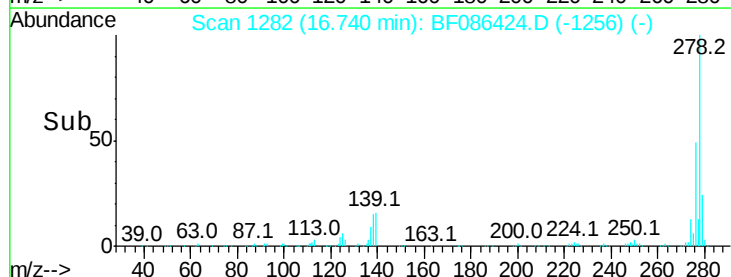
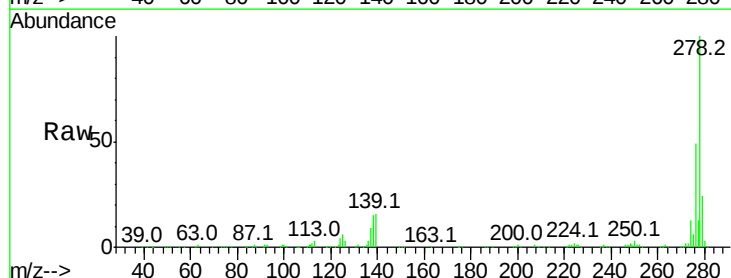
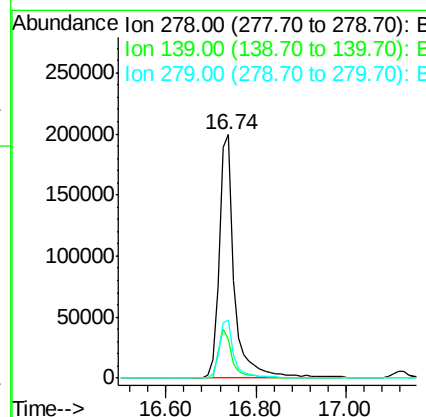
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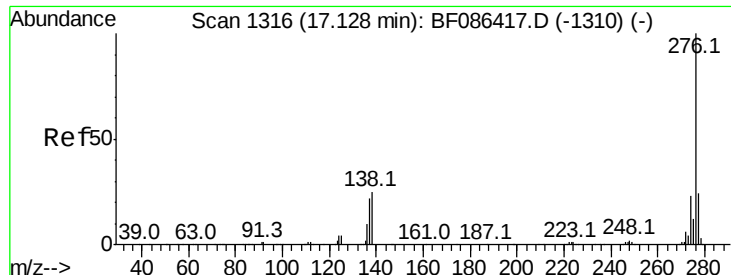
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.05 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF086424.D
Acq: 27 Apr 2016 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	469303		
139	16.2		16.6	24.8
279	23.9		19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.73 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF086424.D
 Acq: 27 Apr 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BS

Tot Ion:	276	Resp:	466567
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.6	29.4
138	24.0	23.6	35.4

Manual Integrations
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