

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082475.D
 Acq On : 23 Oct 2015 19:55
 Operator : UM/IZ
 Sample : PB86271BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:13 PM

Quant Time: Oct 24 05:23:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108754	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	429730	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	213800	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	413732	20.00	ng	0.00
75) Chrysene-d12	13.96	240	372232	20.00	ng	0.00
86) Perylene-d12	15.44	264	312793	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	610394	113.28	ng	0.01
7) Phenol-d6	6.41	99	815533	116.30	ng	0.00
23) Nitrobenzene-d5	7.33	82	492614	76.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	195412	97.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1073283	83.25	ng	-0.01
78) Terphenyl-d14	12.88	244	1040944	74.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	74703	27.59	ng	98
3) Pyridine	3.04	79	197781	31.41	ng	97
4) n-Nitrosodimethylamine	3.02	42	90031	33.71	ng	89
6) Aniline	6.42	93	146101	16.16	ng	# 1
8) 2-Chlorophenol	6.54	128	221830	33.72	ng	# 79
9) Benzaldehyde	6.30	77	86148	24.06	ng	96
10) Phenol	6.42	94	308636	38.17	ng	100
11) bis(2-Chloroethyl)ether	6.49	93	216514	31.67	ng	91
12) 1,3-Dichlorobenzene	6.69	146	250571	32.71	ng	96
13) 1,4-Dichlorobenzene	6.77	146	258272	32.28	ng	97
14) 1,2-Dichlorobenzene	6.93	146	250109m	32.92	ng	
15) Benzyl Alcohol	6.91	79	178322	36.84	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	311450	32.71	ng	80
17) 2-Methylphenol	7.03	107	190610	36.64	ng	93
18) Hexachloroethane	7.26	117	87923	32.11	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	164918	33.49	ng	# 90
20) 3+4-Methylphenols	7.19	107	242677	39.15	ng	# 60
22) Acetophenone	7.18	105	317990	37.41	ng	# 87
24) Nitrobenzene	7.35	77	246390	35.57	ng	91
25) Isophorone	7.59	82	450727	34.90	ng	96
26) 2-Nitrophenol	7.67	139	127309	36.81	ng	92
27) 2,4-Dimethylphenol	7.71	122	223330	40.08	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	271868	36.18	ng	99
29) 2,4-Dichlorophenol	7.91	162	207872	37.32	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	224331	34.94	ng	98
31) Naphthalene	8.07	128	676367	36.31	ng	99
32) Benzoic acid	7.85	122	111606	29.84	ng	96
33) 4-Chloroaniline	8.13	127	89762	11.60	ng	96
34) Hexachlorobutadiene	8.17	225	129053	32.26	ng	98
35) Caprolactam	8.50	113	59506	36.81	ng	# 78
36) 4-Chloro-3-methylphenol	8.63	107	214098	39.30	ng	85
37) 2-Methylnaphthalene	8.75	142	441026	34.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	238567	37.51	ng	99
40) Hexachlorocyclopentadiene	8.90	237	151957	50.63	ng	97

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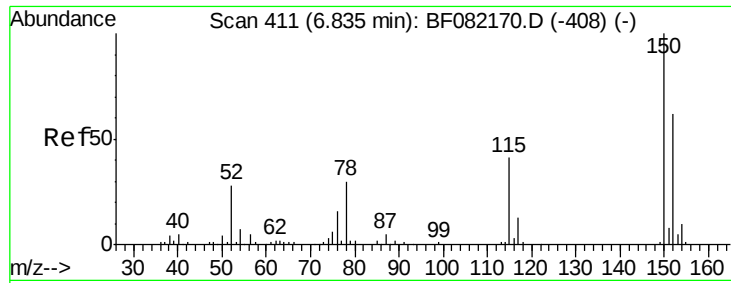
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	145139	34.36	ng	97
43) 2,4,5-Trichlorophenol	9.10	196	154441	33.75	ng	96
45) 1,1'-Biphenyl	9.22	154	568303	34.86	ng	99
46) 2-Chloronaphthalene	9.25	162	438518	34.17	ng	# 93
47) 2-Nitroaniline	9.36	65	135183	38.37	ng	# 68
48) Acenaphthylene	9.67	152	746162	37.32	ng	99
49) Dimethylphthalate	9.53	163	534055	35.47	ng	100
50) 2,6-Dinitrotoluene	9.60	165	121558	38.27	ng	# 88
51) Acenaphthene	9.84	154	434425	36.19	ng	99
52) 3-Nitroaniline	9.77	138	49113	13.69	ng	99
53) 2,4-Dinitrophenol	9.89	184	113823	65.39	ng	97
54) Dibenzofuran	10.01	168	660162	40.06	ng	99
55) 4-Nitrophenol	9.95	139	125118	57.01	ng	87
56) 2,4-Dinitrotoluene	10.01	165	158488	39.92	ng	90
57) Fluorene	10.35	166	540769	39.96	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	133282	35.65	ng	95
59) Diethylphthalate	10.23	149	532867	37.97	ng	98
60) 4-Chlorophenyl-phenylether	10.34	204	243231	39.23	ng	95
61) 4-Nitroaniline	10.39	138	114638	32.94	ng	96
62) Azobenzene	10.50	77	519659	37.84	ng	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	86305	37.17	ng	# 54
65) n-Nitrosodiphenylamine	10.47	169	449793	36.31	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	153233	37.01	ng	97
67) Hexachlorobenzene	10.89	284	154243	34.44	ng	# 57
68) Atrazine	11.01	200	158808	40.47	ng	93
69) Pentachlorophenol	11.10	266	140962	61.17	ng	98
70) Phenanthrene	11.31	178	802832	39.59	ng	100
71) Anthracene	11.37	178	808968	38.71	ng	98
72) Carbazole	11.53	167	733586	38.48	ng	98
73) Di-n-butylphthalate	11.85	149	834699	35.49	ng	100
74) Fluoranthene	12.50	202	826224	37.93	ng	99
76) Benzidine	12.63	184	250736	23.24	ng	97
77) Pyrene	12.73	202	831748	37.65	ng	99
79) Butylbenzylphthalate	13.36	149	383253	38.02	ng	96
80) Benzo(a)anthracene	13.94	228	678813	35.05	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	159561	21.70	ng	99
82) Chrysene	13.99	228	661675	32.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	515279	35.83	ng	# 98
84) Di-n-octyl phthalate	14.60	149	898390	36.37	ng	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	567692	35.00	ng	99
87) Benzo(b)fluoranthene	15.03	252	604687m	31.78	ng	
88) Benzo(k)fluoranthene	15.06	252	659469m	41.23	ng	
89) Benzo(a)pyrene	15.38	252	608216	37.19	ng	# 96
90) Dibenzo(a,h)anthracene	16.84	278	481595	35.93	ng	99
91) Benzo(g,h,i)perylene	17.24	276	457874	35.17	ng	97

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



#1

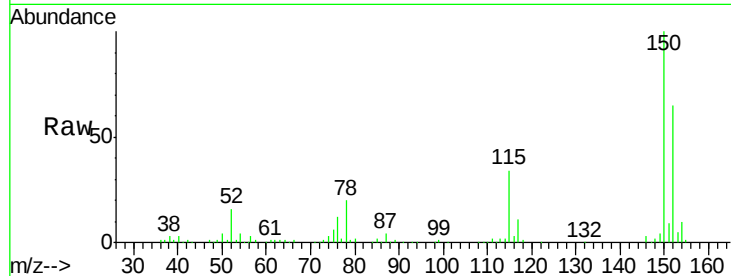
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

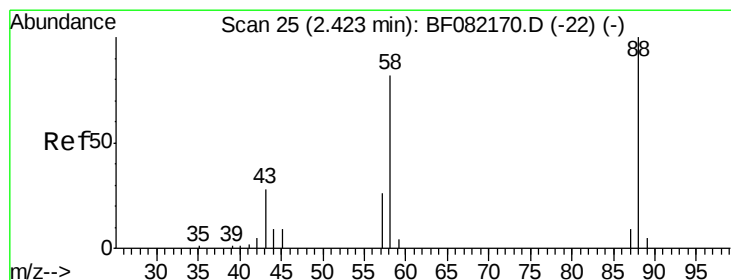
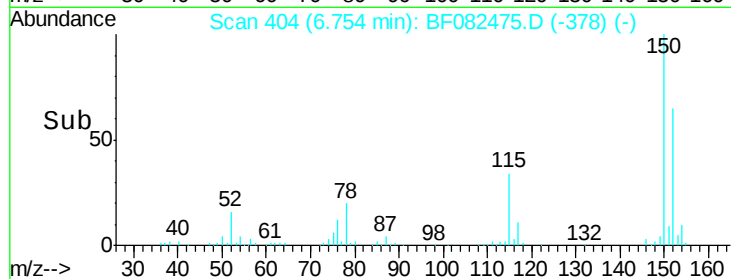
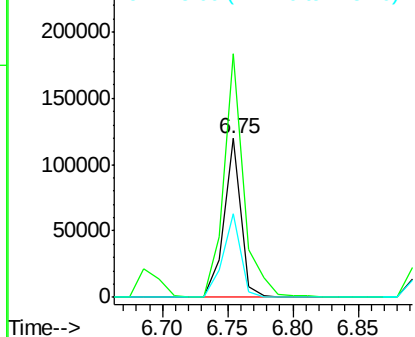
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	108754		
150	153.5	129.0	193.4	
115	52.9	52.1	78.1	

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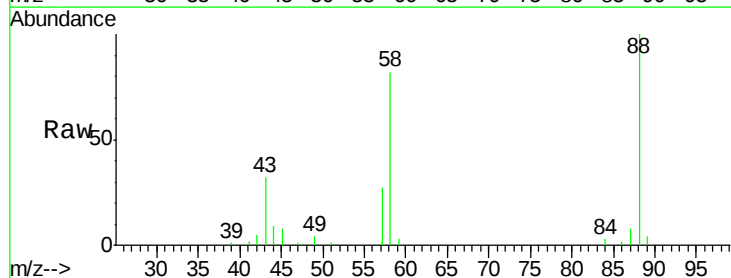
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



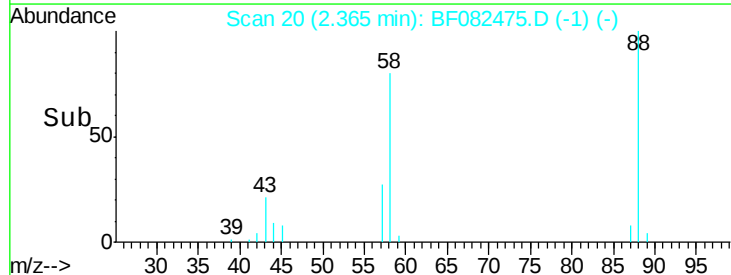
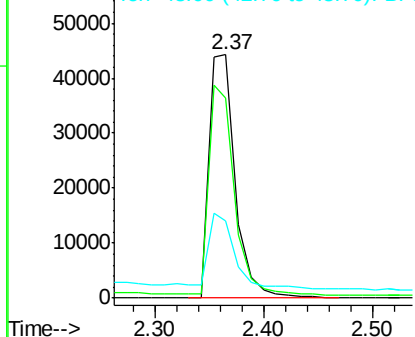
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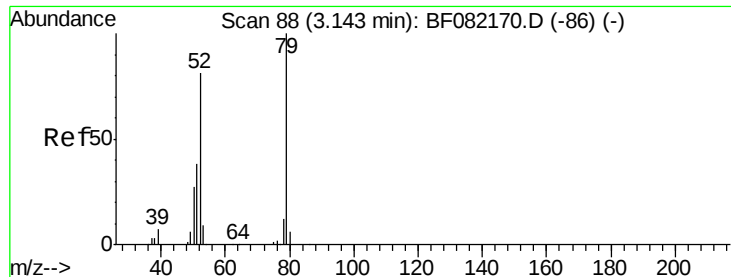
1,4-Dioxane
Concen: 27.59 ng
RT: 2.37 min Scan# 20
Delta R.T. 0.10 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	74703		
58	83.8	66.2	99.4	
43	32.0	23.0	34.4	



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

Pyridine

Concen: 31.41 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

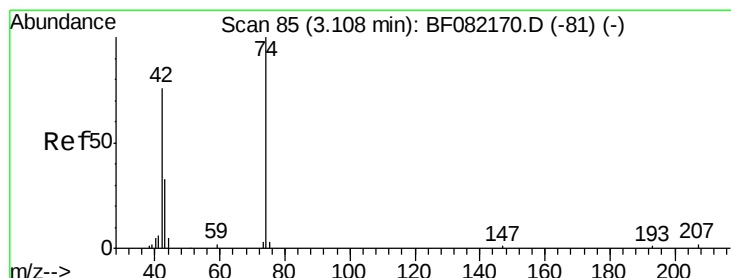
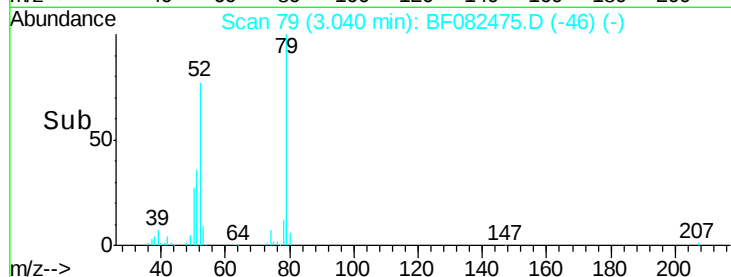
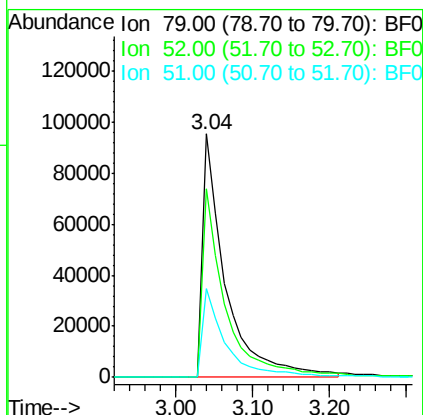
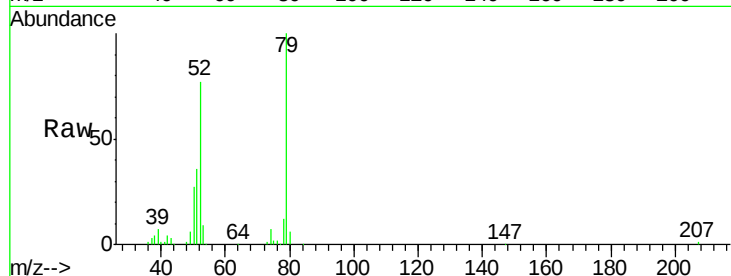
ClientSampleId :

PB86271BS

Tgt Ion:	79	Resp:	197781
Ion	Ratio	Lower	Upper
79	100		
52	77.5	64.4	96.6
51	36.2	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 33.71 ng

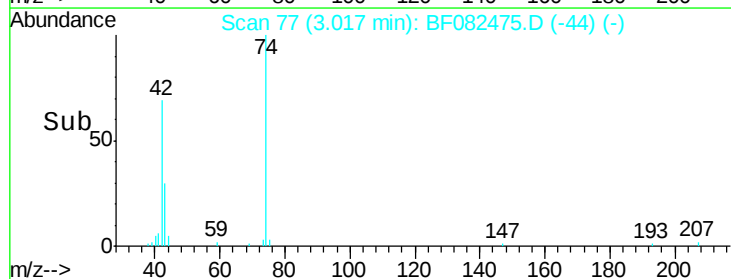
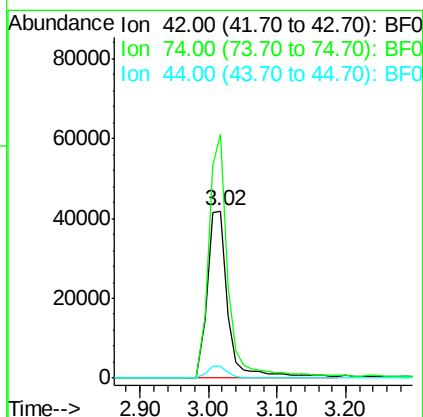
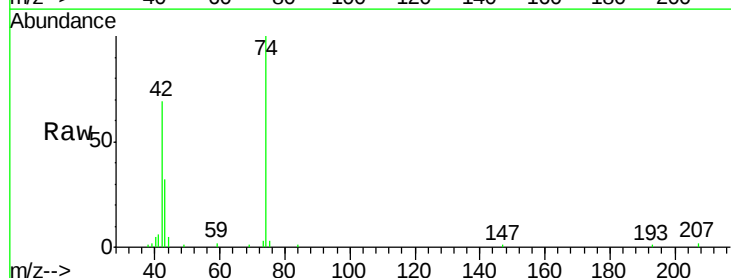
RT: 3.02 min Scan# 77

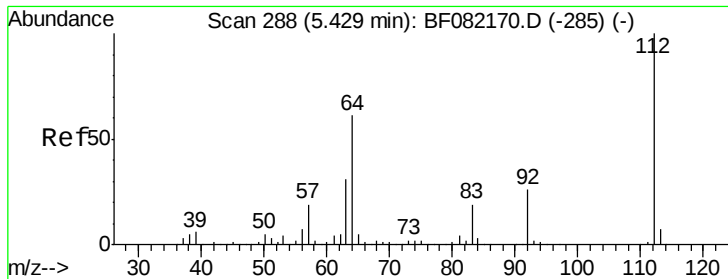
Delta R.T. 0.08 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	42	Resp:	90031
Ion	Ratio	Lower	Upper
42	100		
74	145.7	105.7	158.5
44	7.3	5.4	8.2





#5

2-Fluorophenol

Concen: 113.28 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082475.D

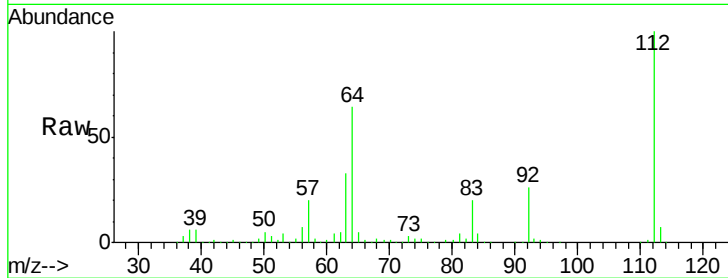
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

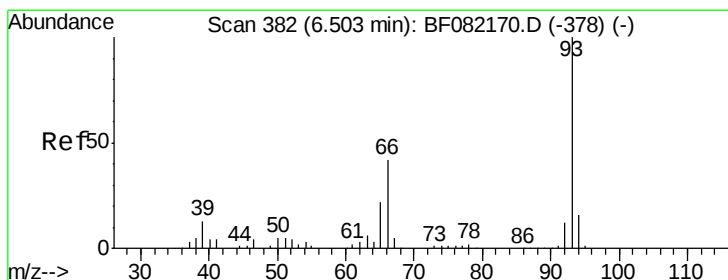
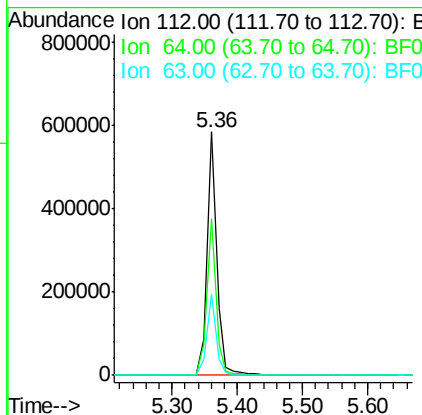
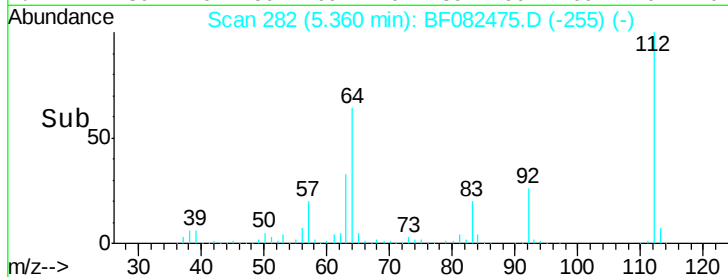
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	610394		
64	64.1	48.6	73.0	
63	33.5	25.1	37.7	

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#6

Aniline

Concen: 16.16 ng

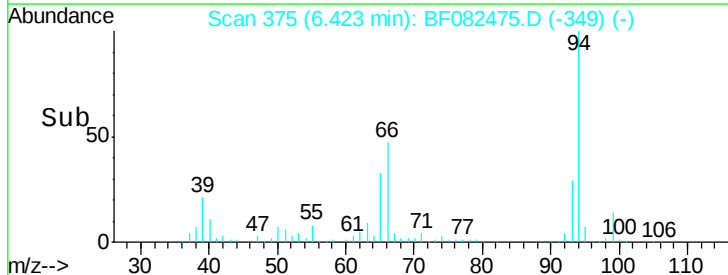
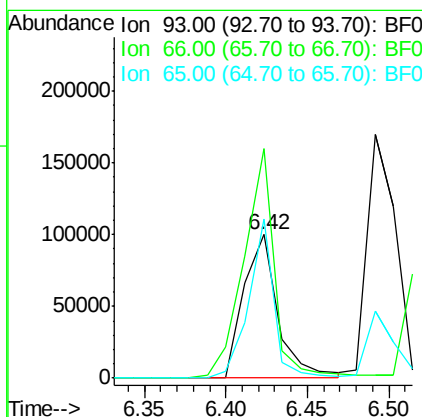
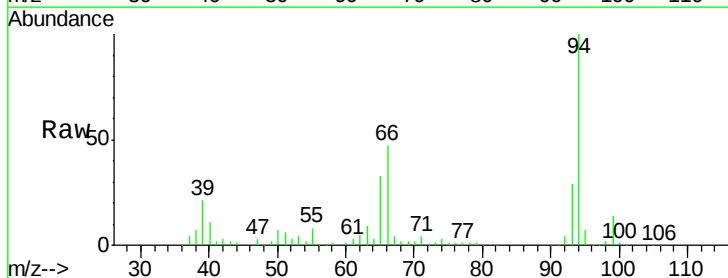
RT: 6.42 min Scan# 375

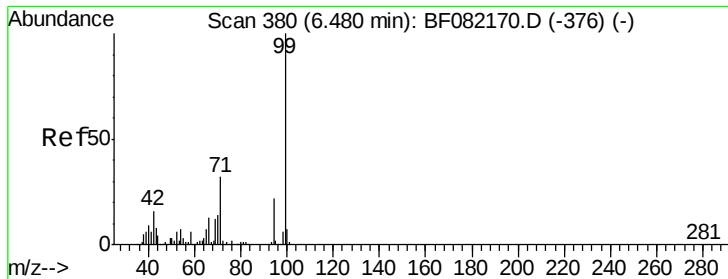
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	146101		
66	159.4	34.2	51.2#	
65	111.0	17.9	26.9#	





#7

Phenol-d6

Concen: 116.30 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082475.D

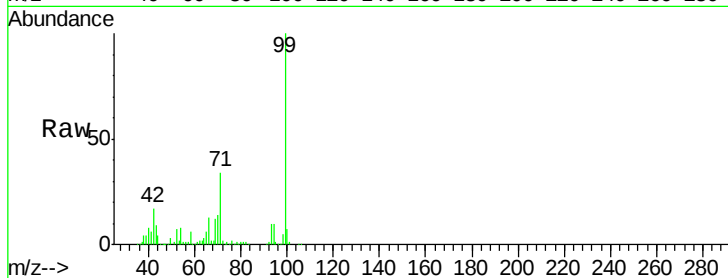
Acq: 23 Oct 2015 19:55

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 815533

Ion Ratio Lower Upper

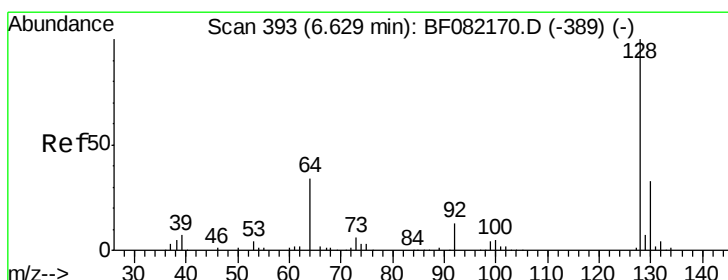
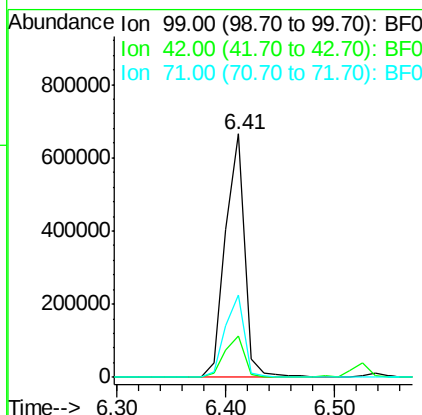
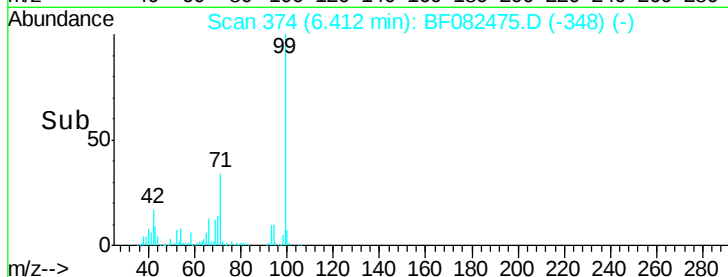
99 100

42 17.1 13.2 19.8

71 33.7 25.6 38.4

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#8

2-Chlorophenol

Concen: 33.72 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

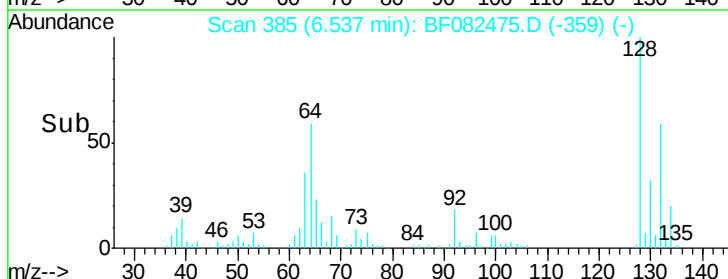
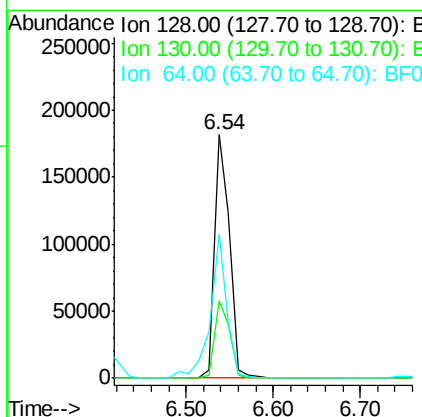
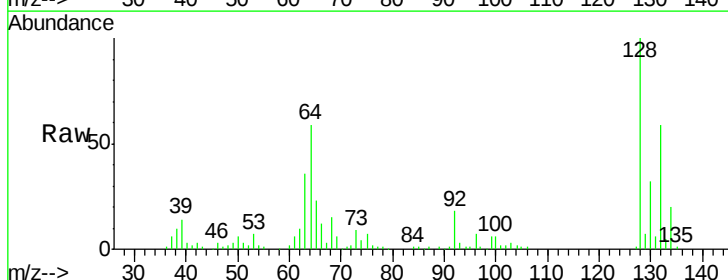
Tgt Ion: 128 Resp: 221830

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

64 59.3 16.7 56.7#





#9

Benzaldehyde

Concen: 24.06 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

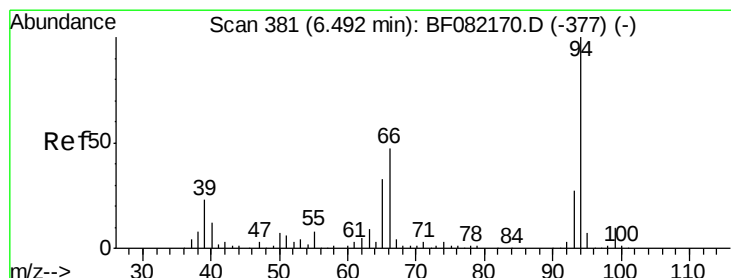
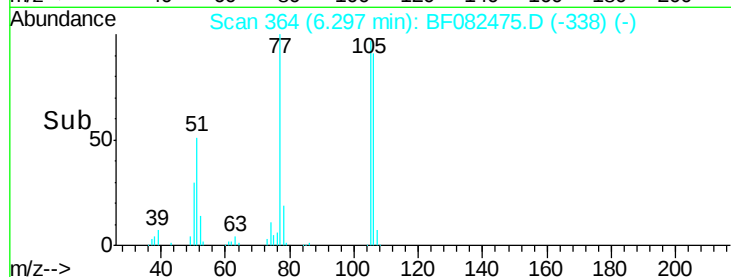
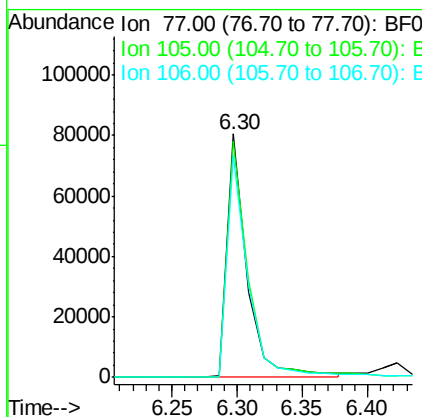
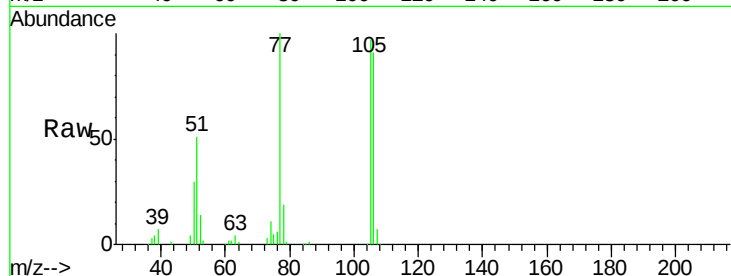
ClientSampleId :

PB86271BS

Manual Integrations
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10/26/2015 7:22:13 PM

Tgt Ion:	77	Resp:	86148
Ion Ratio	Lower	Upper	
77	100		
105	96.7	80.6	120.6
106	91.0	75.5	115.5



#10

Phenol

Concen: 38.17 ng

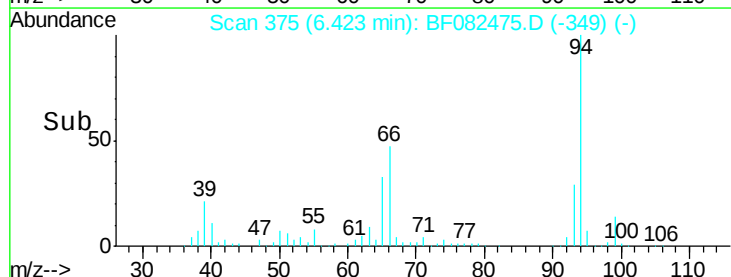
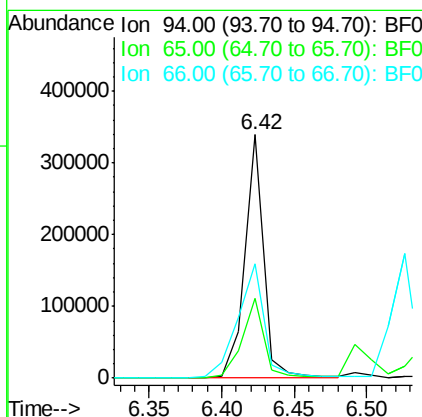
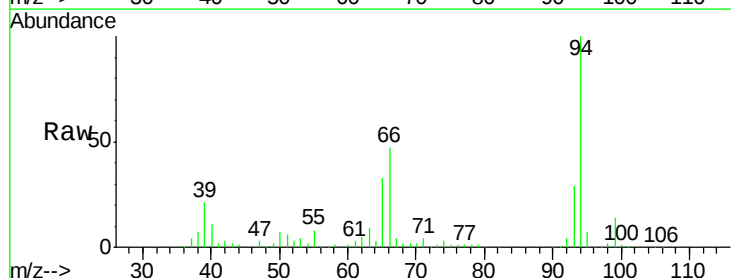
RT: 6.42 min Scan# 375

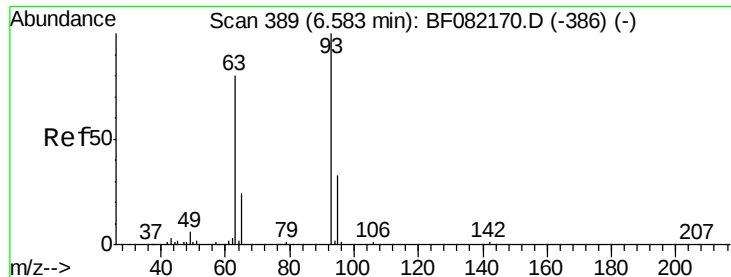
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	94	Resp:	308636
Ion Ratio	Lower	Upper	
94	100		
65	32.7	12.6	52.6
66	47.0	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 31.67 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

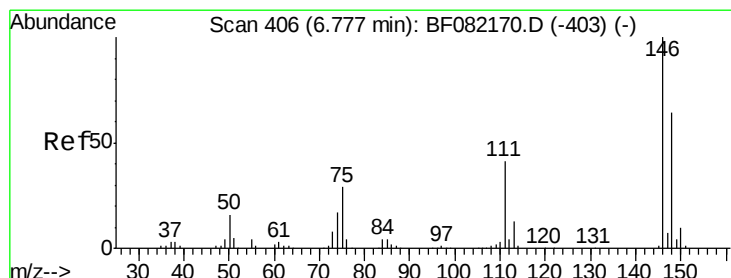
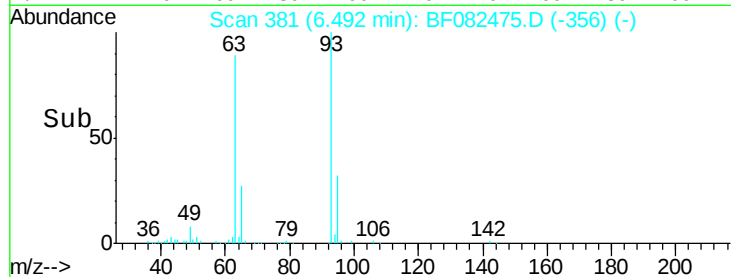
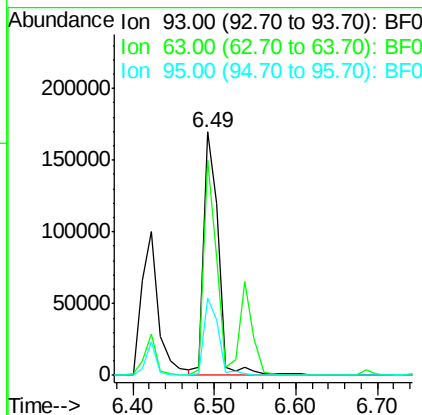
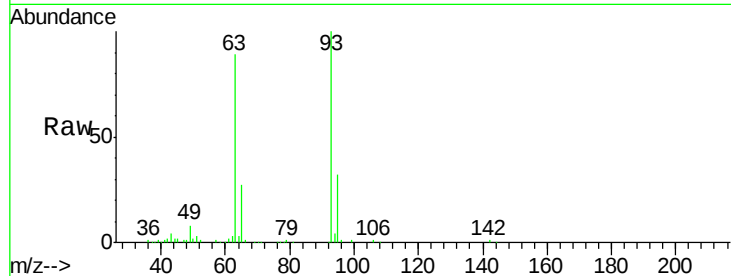
ClientSampleId :

PB86271BS

Tgt Ion:	93	Resp:	216514
Ion	Ratio	Lower	Upper
93	100		
63	88.5	57.1	97.1
95	31.8	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 32.71 ng

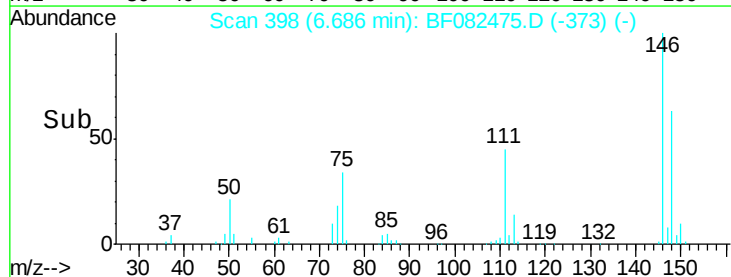
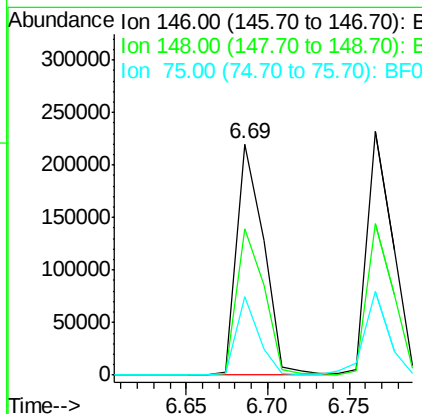
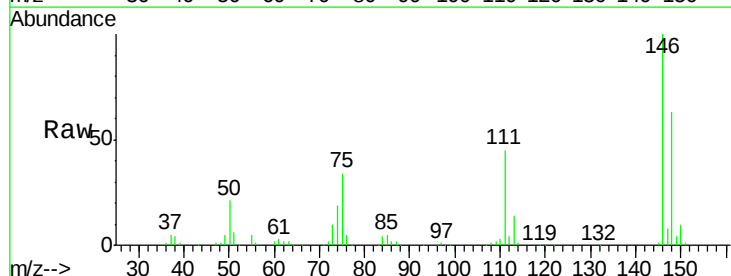
RT: 6.69 min Scan# 398

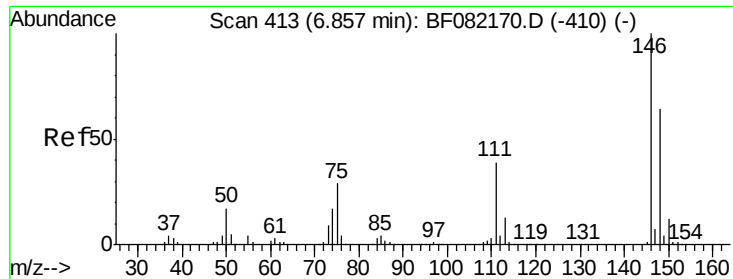
Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	146	Resp:	250571
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	33.9	23.0	34.6





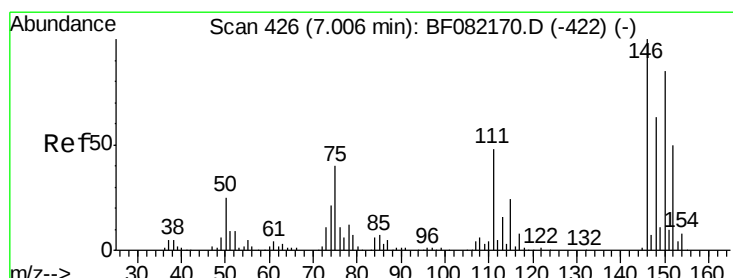
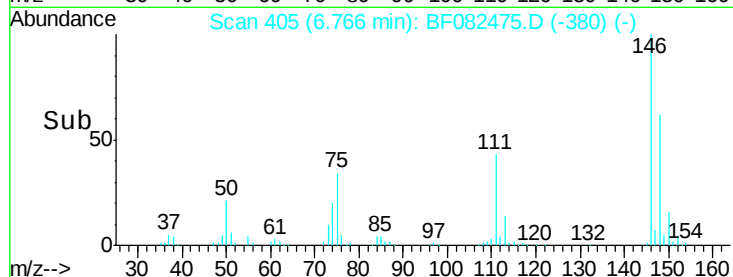
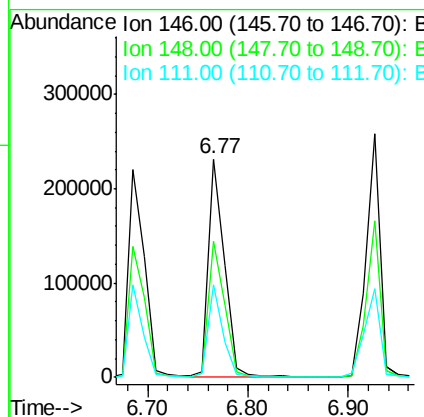
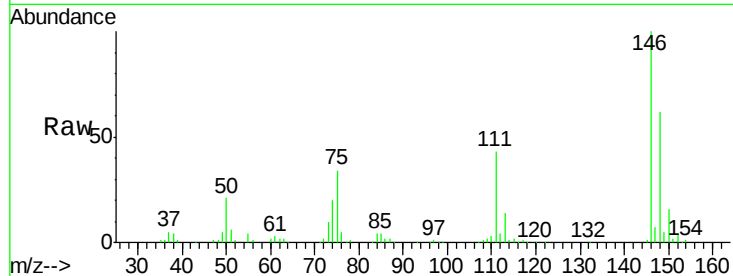
#13
 1,4-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	258272		
148	62.5	51.0	76.4	
111	42.5	31.1	46.7	

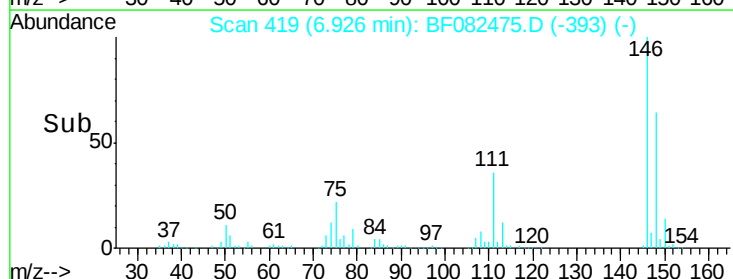
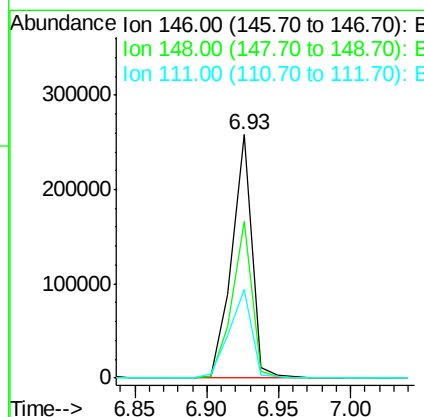
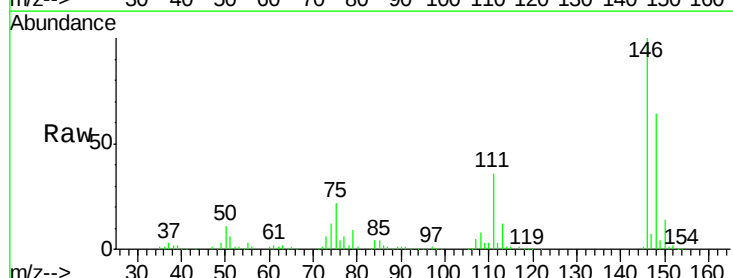
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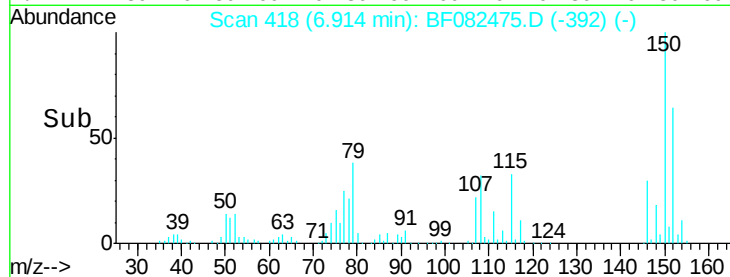
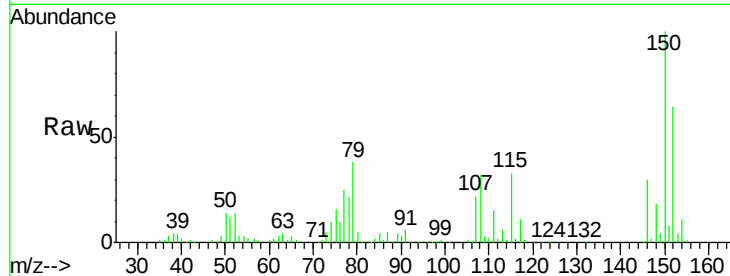
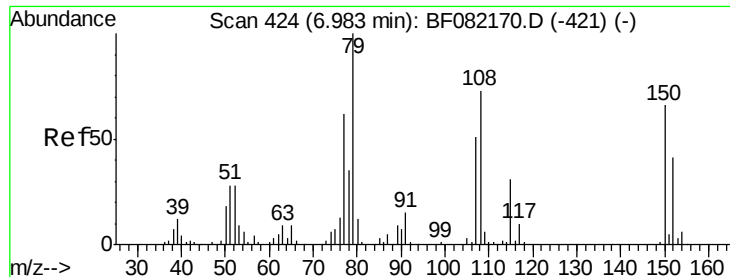
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#14
 1,2-Dichlorobenzene
 Concen: 32.92 ng m
 RT: 6.93 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250109		
148	64.3	50.5	75.7	
111	36.2	38.5	57.7#	





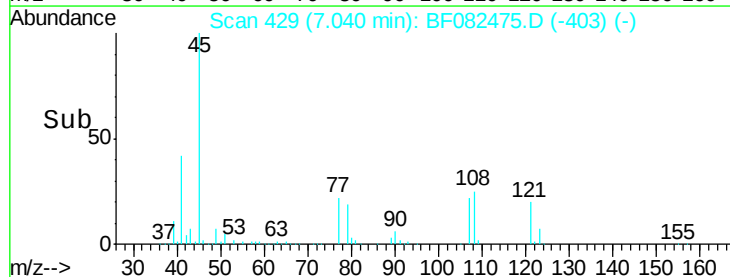
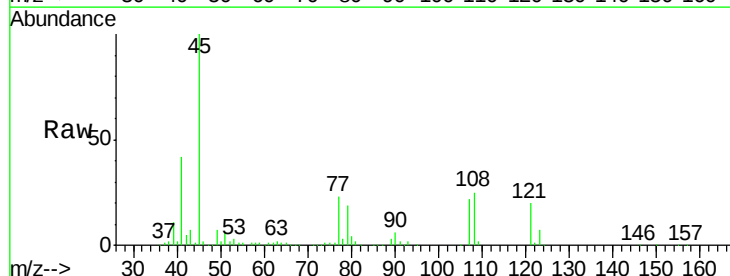
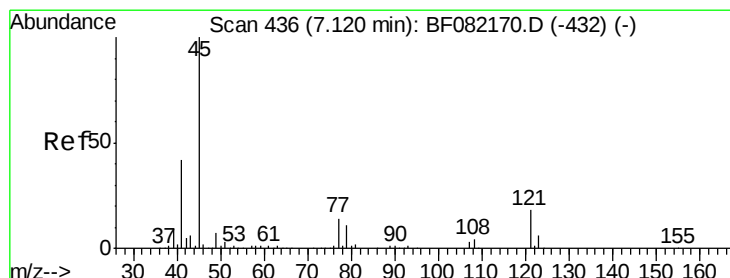
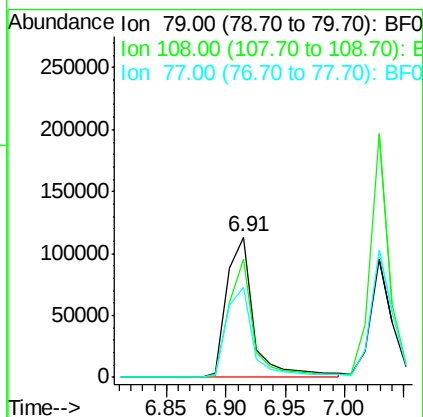
#15
Benzyl Alcohol
Concen: 36.84 ng
RT: 6.91 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.3	58.4	87.6
77	64.4	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
PB86271BS

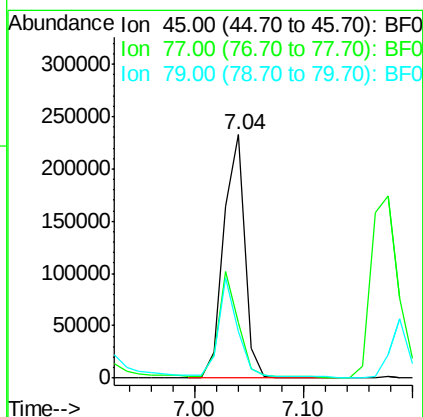
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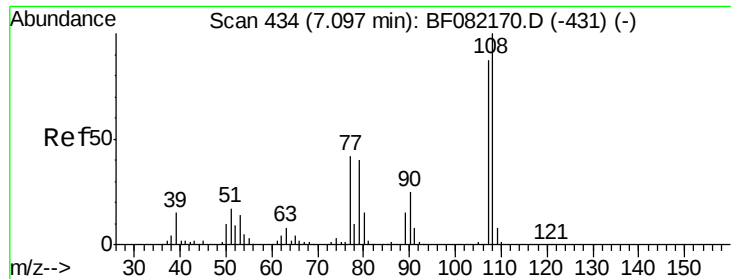
MmDadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.71 ng
RT: 7.04 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.9	0.0	34.5
79	19.2	0.0	31.6





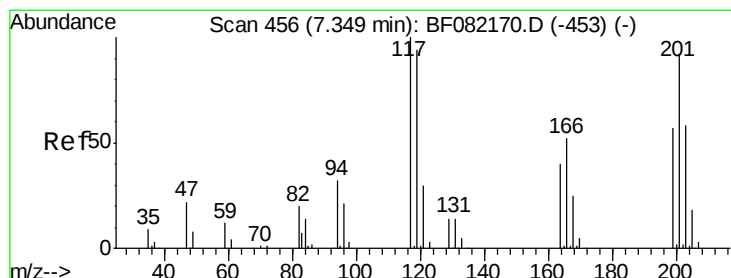
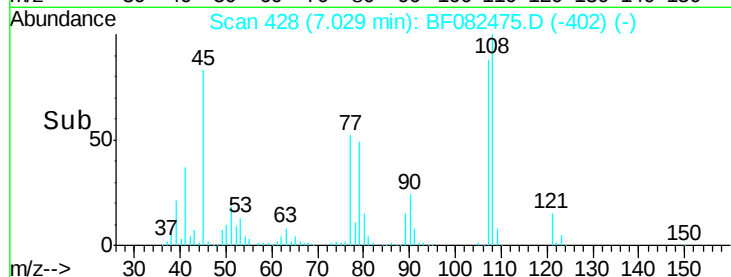
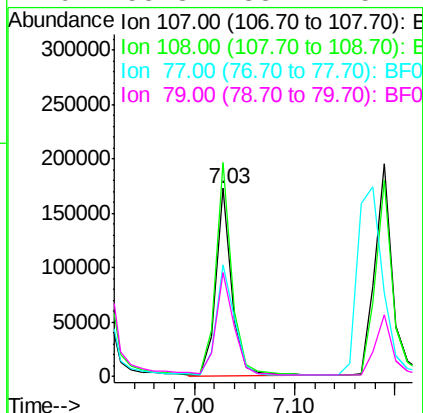
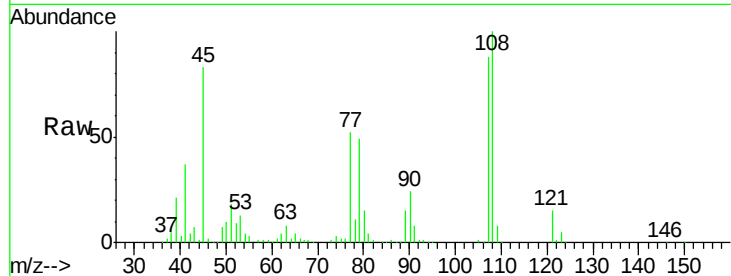
#17
2-Methylphenol
Concen: 36.64 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	190610		
108	113.8	92.2	138.2	
77	59.2	39.6	59.4	
79	55.3	38.2	57.4	

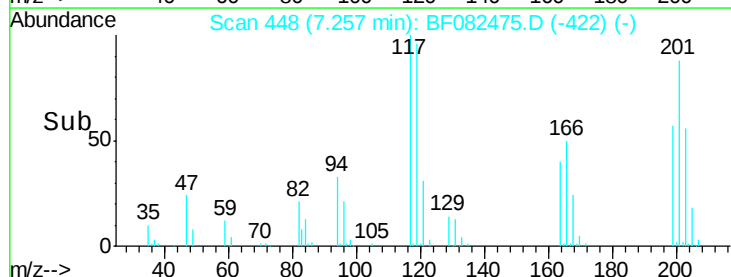
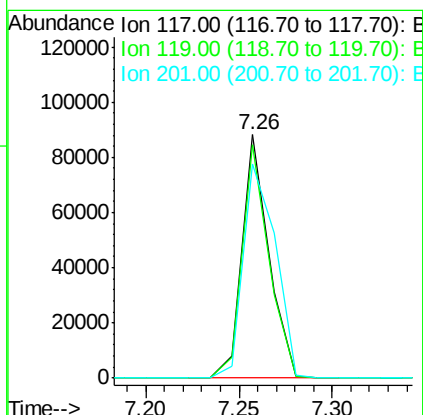
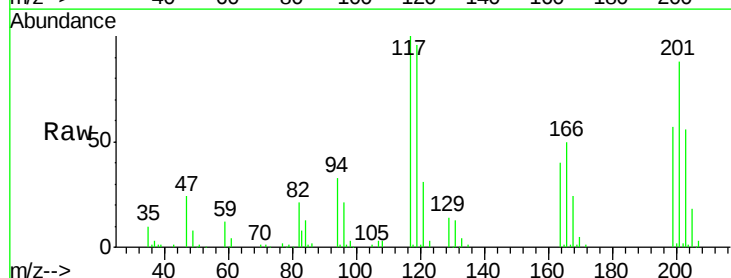
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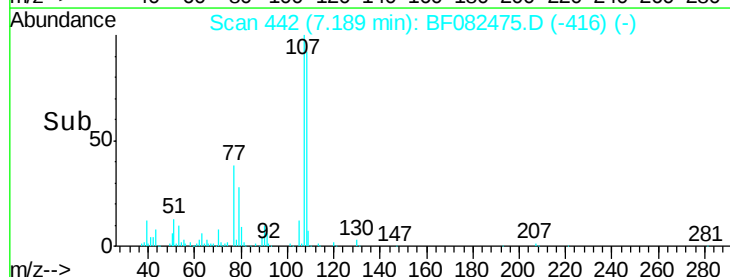
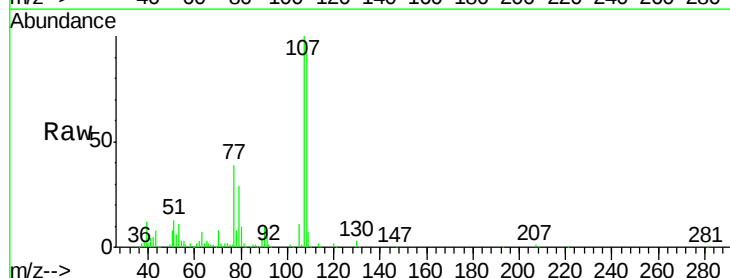
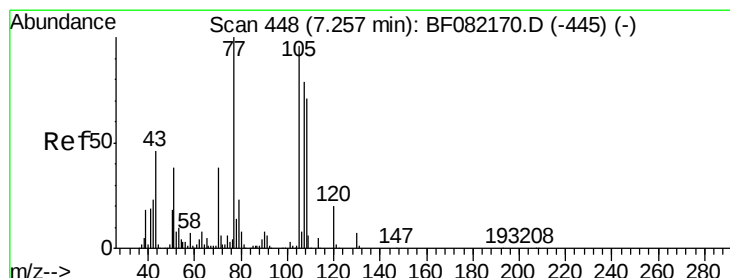
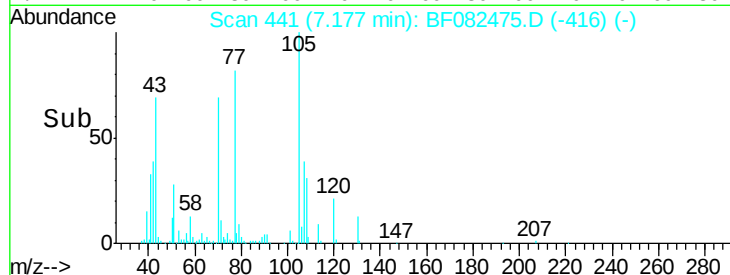
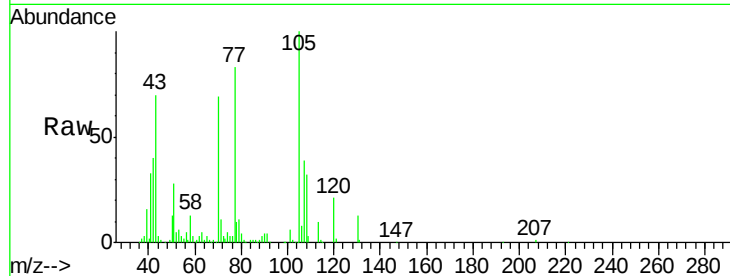
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#18
Hexachloroethane
Concen: 32.11 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87923		
119	96.1	75.4	113.2	
201	88.0	73.4	110.0	





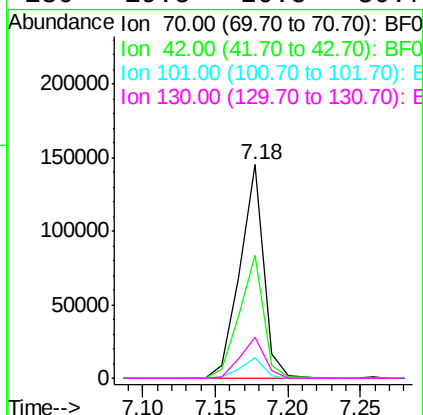
#19
n-Nitroso-di-n-propylamine
Concen: 33.49 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.3	39.8	59.8
101	9.3	8.6	13.0
130	19.5	20.5	30.7#

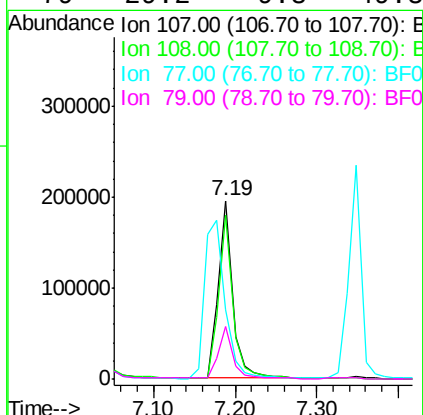
Manual Integrations
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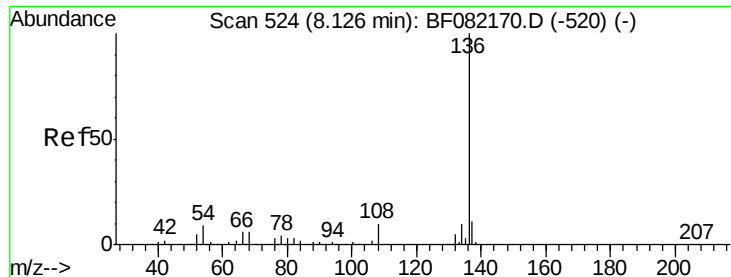
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#20
3+4-Methylphenols
Concen: 39.15 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	69.9	109.9
77	38.9	106.0	146.0#
79	29.2	9.8	49.8





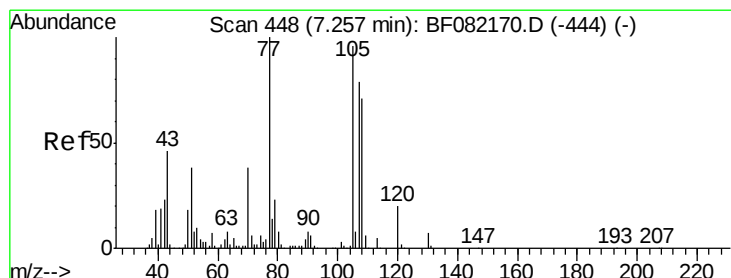
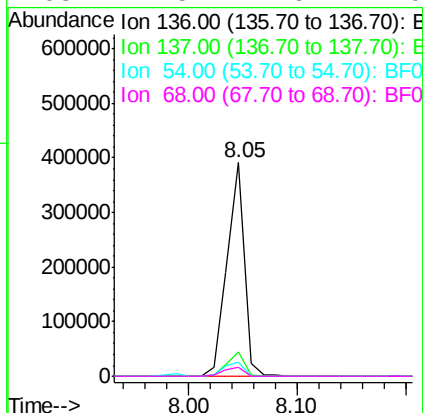
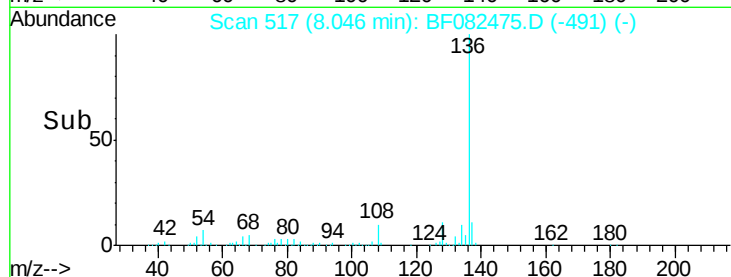
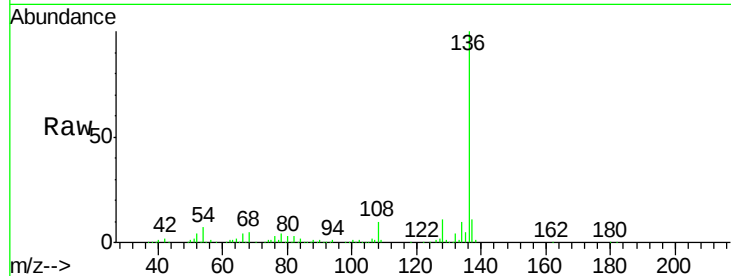
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.9	7.5	11.3#
68	4.5	4.6	7.0#

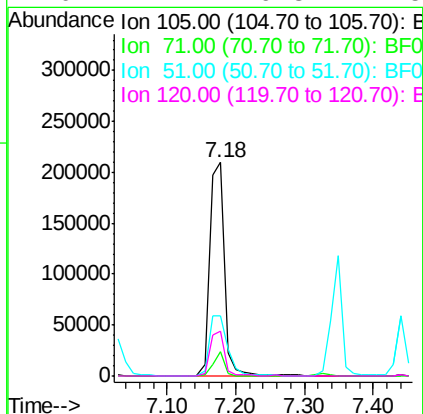
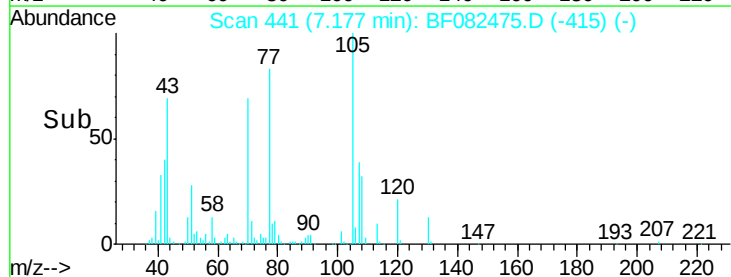
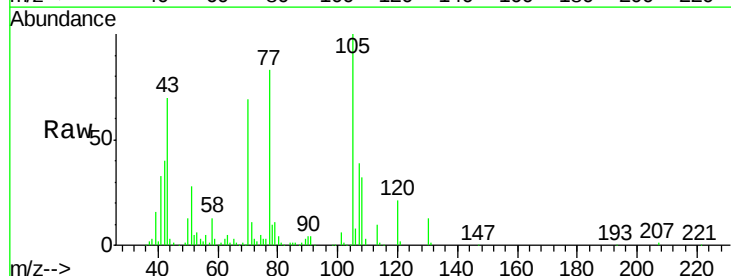
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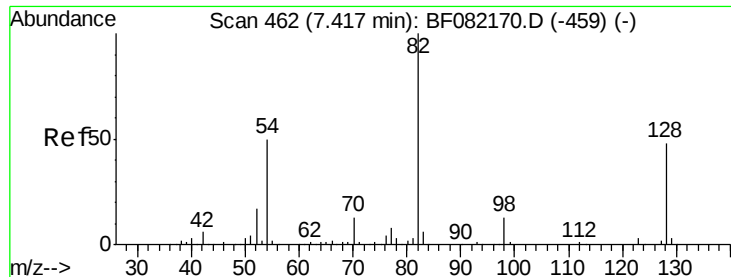
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#22
Acetophenone
Concen: 37.41 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	11.4	5.4	8.0#
51	28.4	31.8	47.6#
120	21.1	16.3	24.5





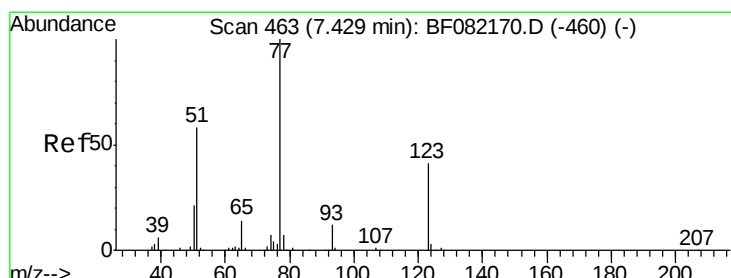
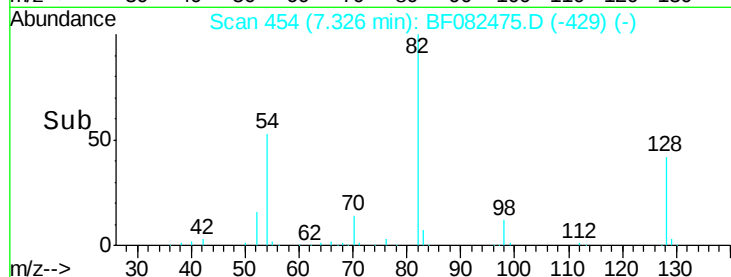
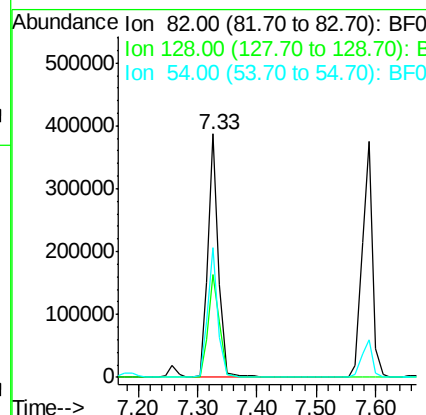
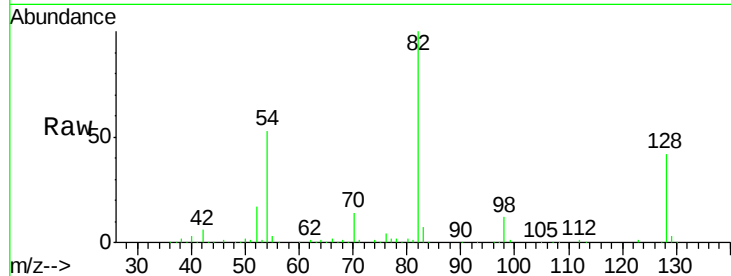
#23
 Nitrobenzene-d5
 Concen: 76.98 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	38.7	58.1
54	53.3	40.1	60.1

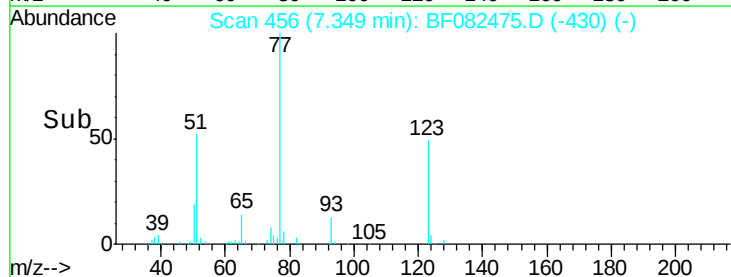
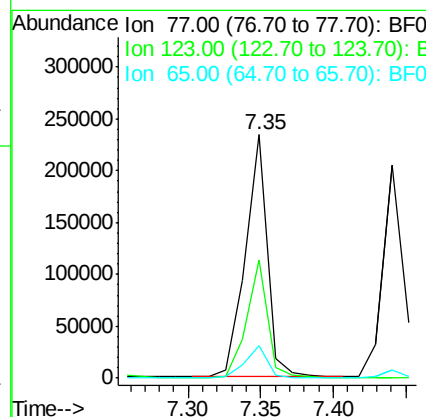
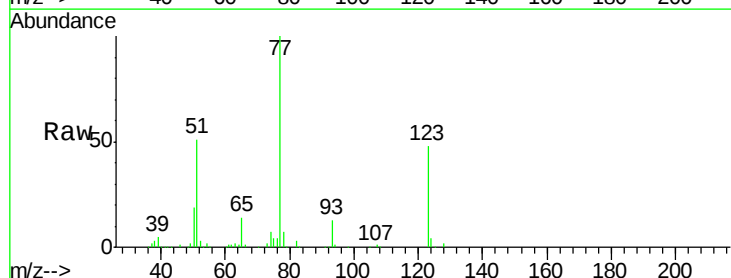
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#24
 Nitrobenzene
 Concen: 35.57 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 34.90 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082475.D

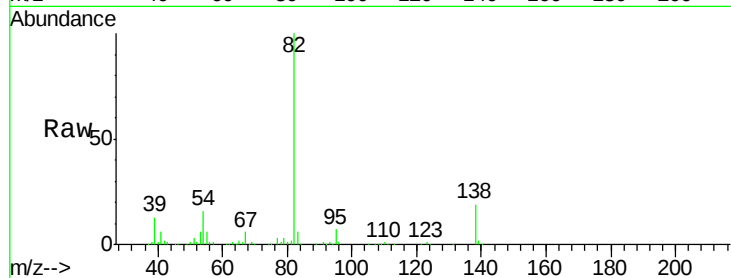
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

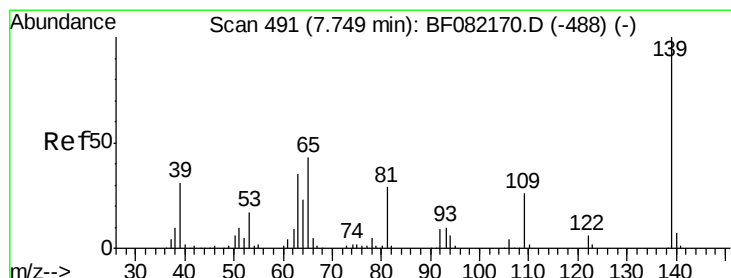
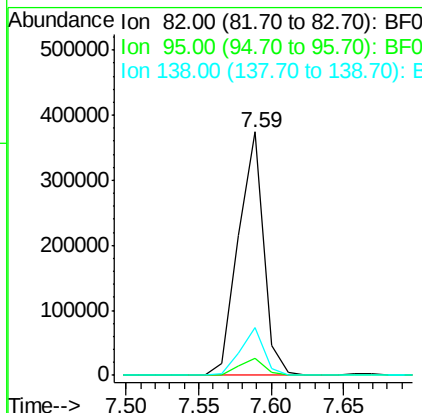
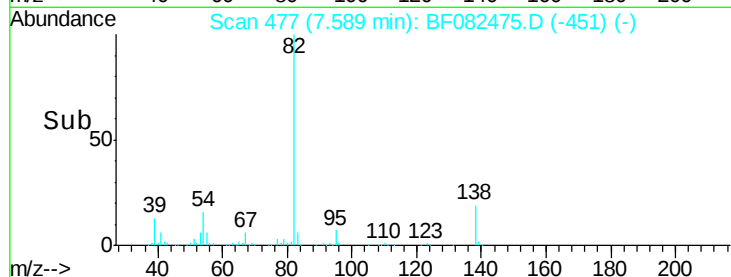
PB86271BS



Tgt Ion:	82	Resp:	450727
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	19.4	13.6	20.4

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#26

2-Nitrophenol

Concen: 36.81 ng

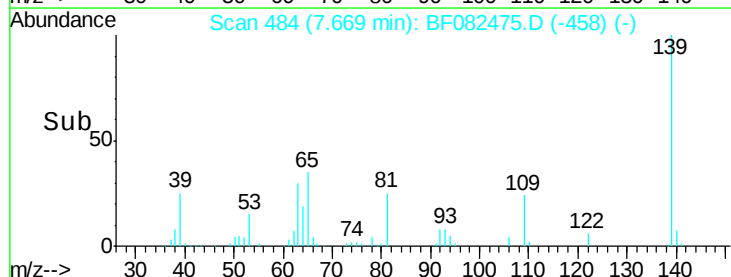
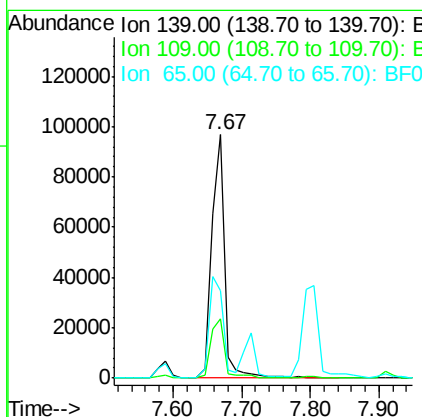
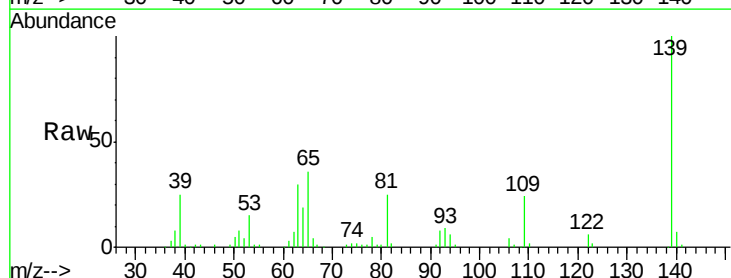
RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	139	Resp:	127309
Ion Ratio	Lower	Upper	
139	100		
109	24.4	20.6	31.0
65	35.8	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 40.08 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

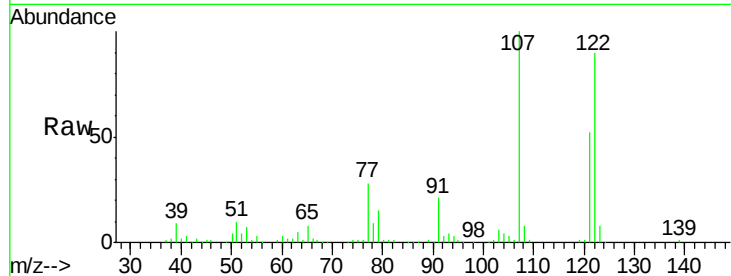
ClientSampleId :

PB86271BS

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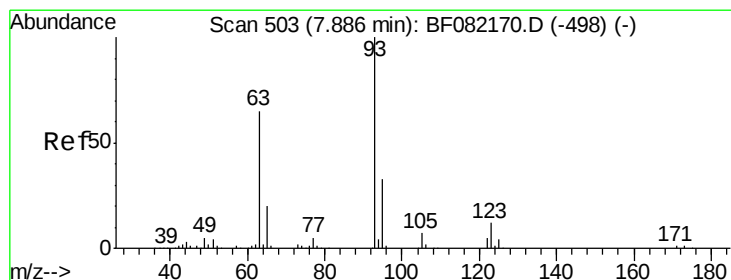
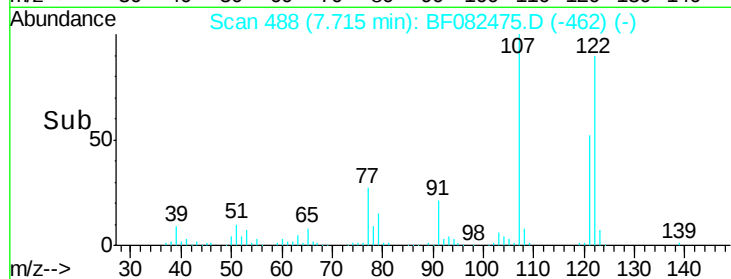
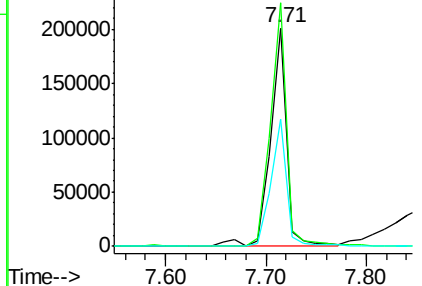
Tgt Ion:	122	Resp:	223330
Ion Ratio	Lower	Upper	
122	100		
107	111.6	94.0	141.0
121	58.2	46.8	70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.18 ng

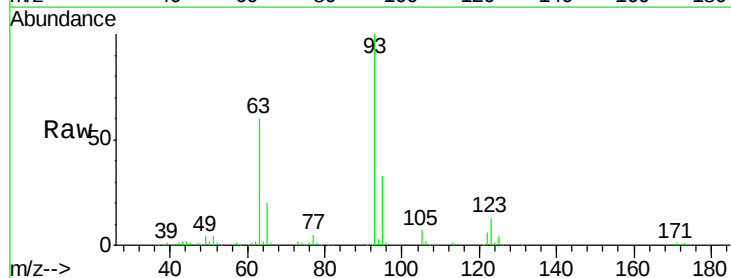
RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

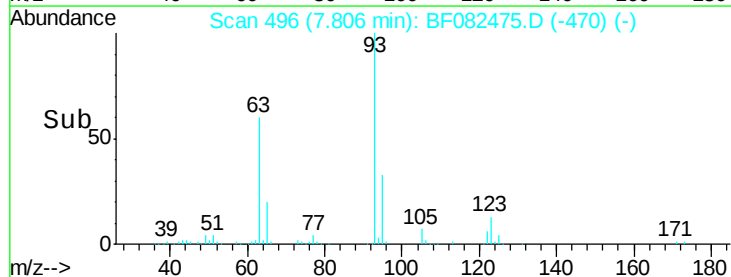
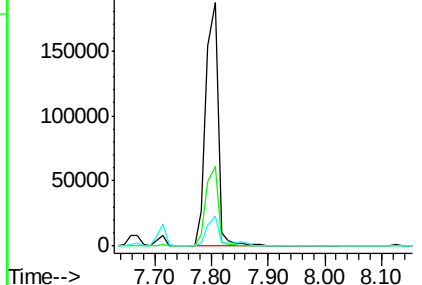
Tgt Ion:	93	Resp:	271868
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	39.8
123	12.5	9.5	14.3

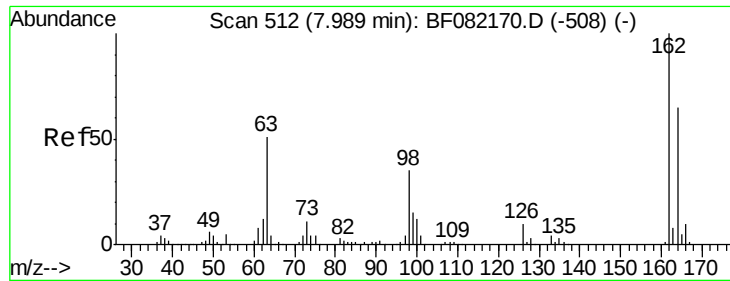


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





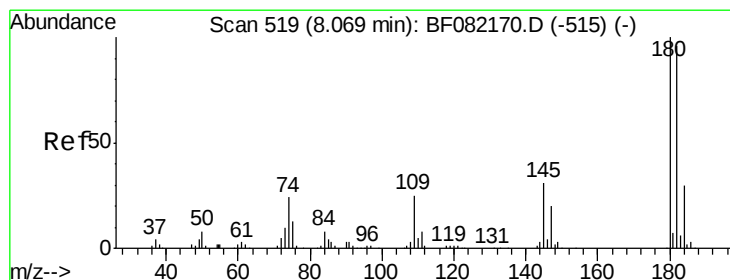
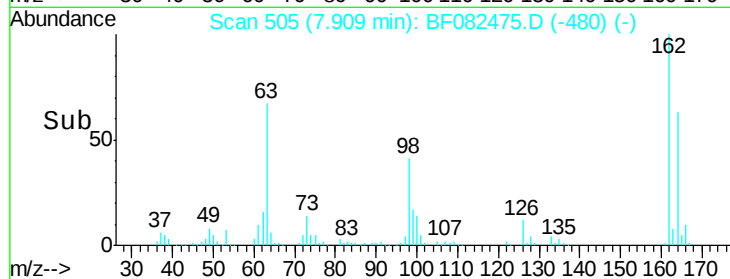
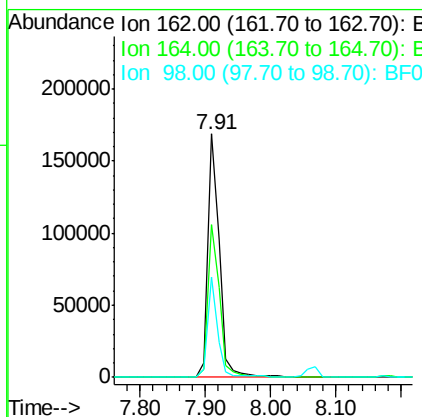
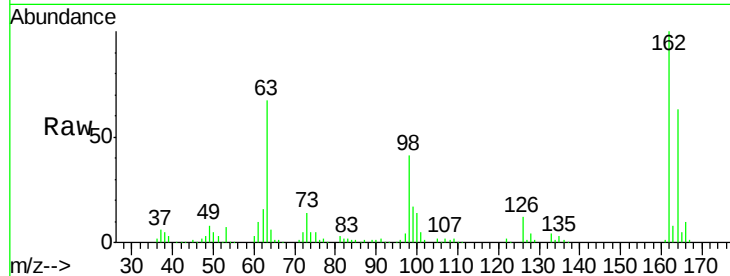
#29
 2,4-Dichlorophenol
 Concen: 37.32 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	44.6	84.6
98	41.4	15.0	55.0

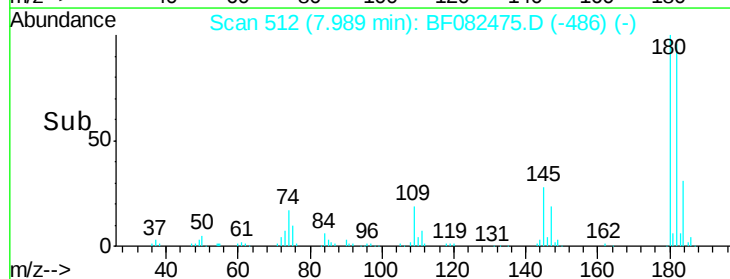
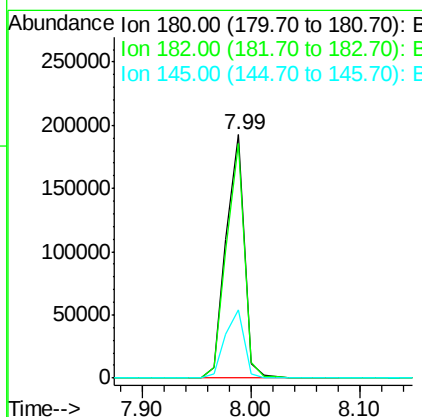
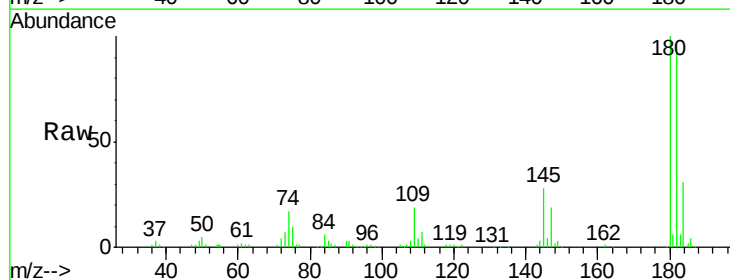
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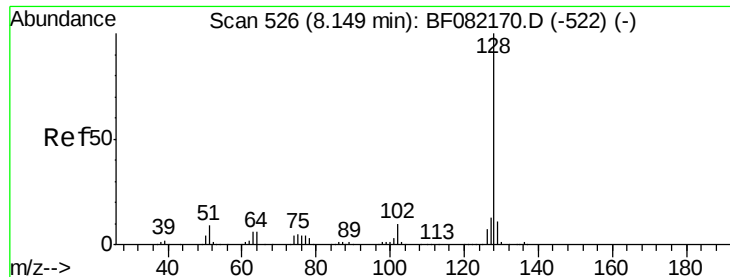
MmDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.94 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	77.0	115.4
145	27.8	25.0	37.4





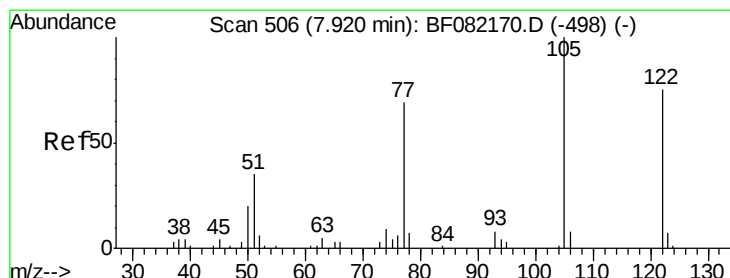
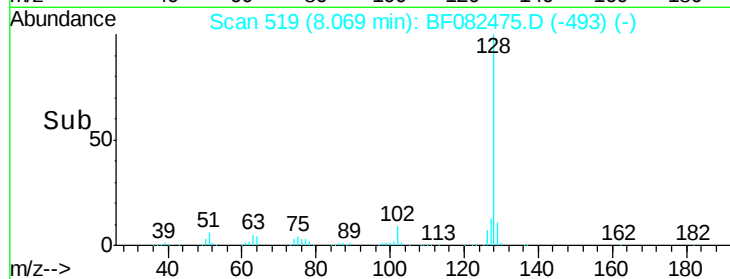
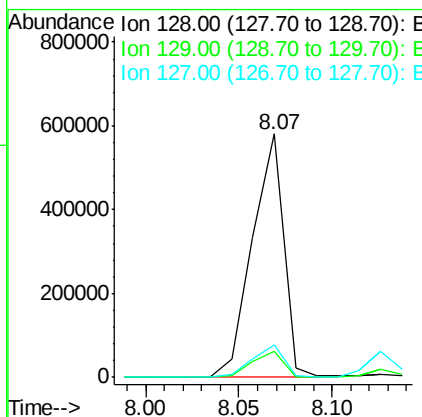
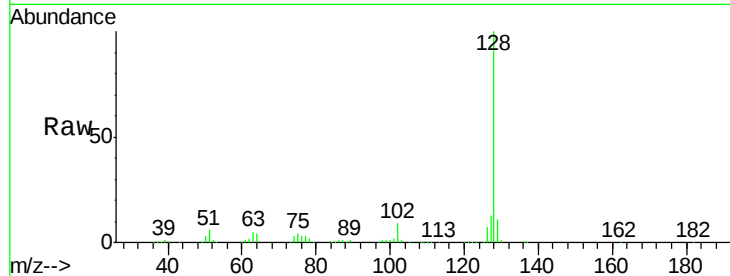
#31
Naphthalene
Concen: 36.31 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	676367		
129	10.9		9.1	13.7
127	13.3		10.7	16.1

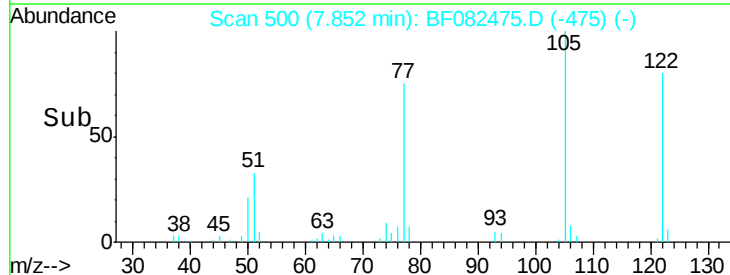
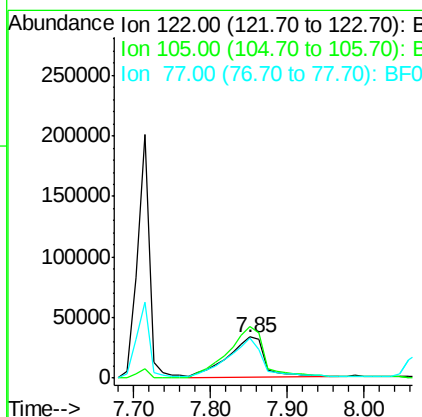
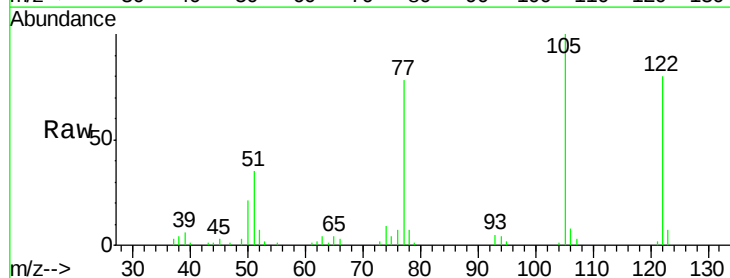
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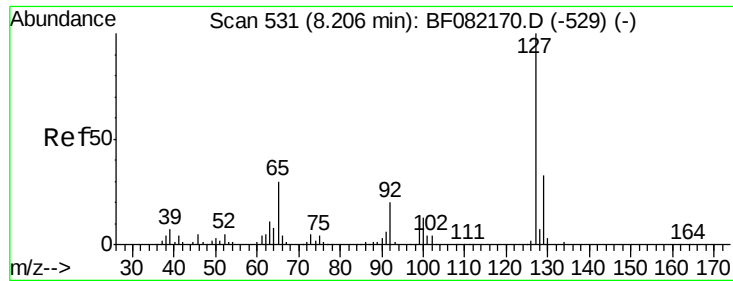
MmDadoda
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#32
Benzoic acid
Concen: 29.84 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111606		
105	125.3		104.4	144.4
77	97.8		69.0	109.0





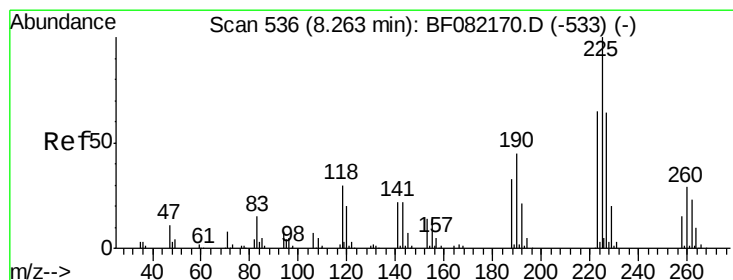
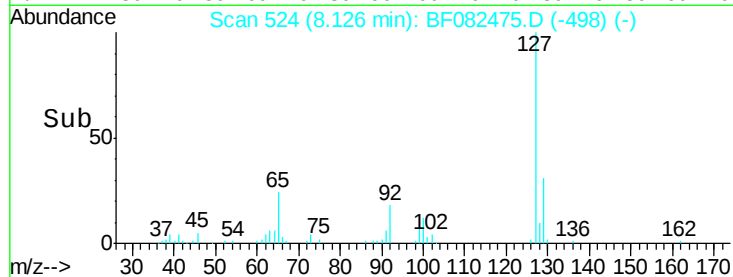
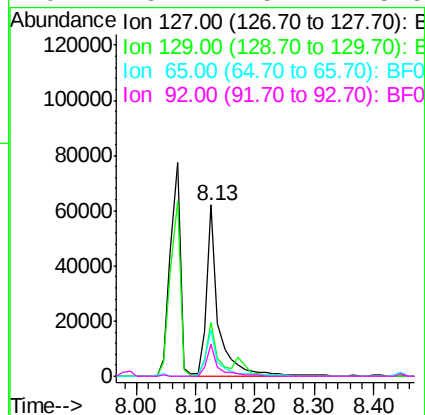
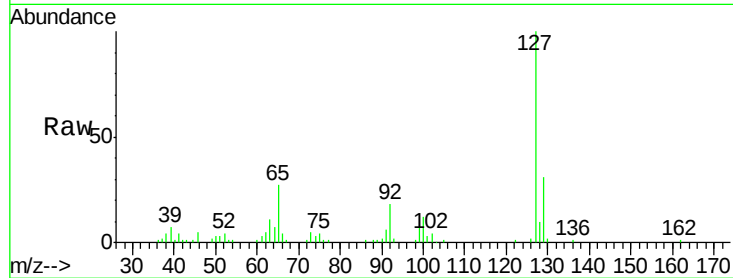
#33
4-Chloroaniline
Concen: 11.60 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	26.9	24.4	36.6
92	18.4	15.7	23.5

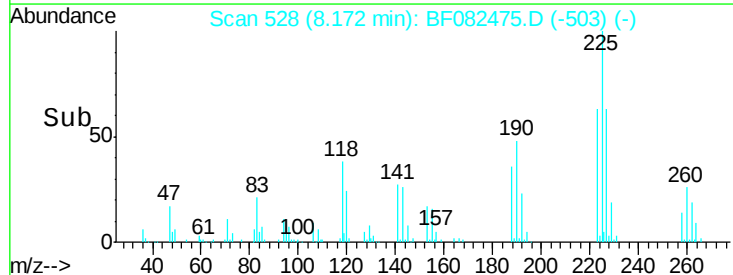
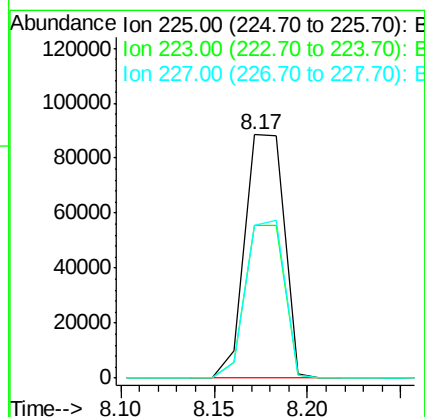
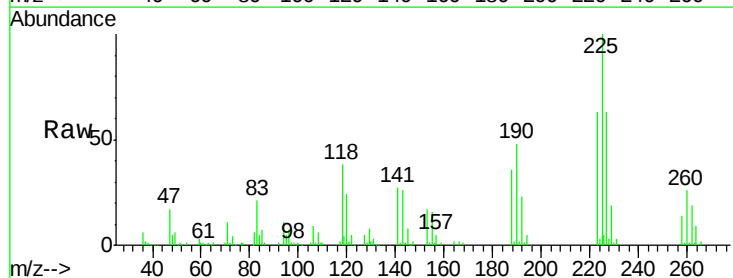
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#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.2
227	63.0	51.3	76.9





#35

Caprolactam

Concen: 36.81 ng

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082475.D

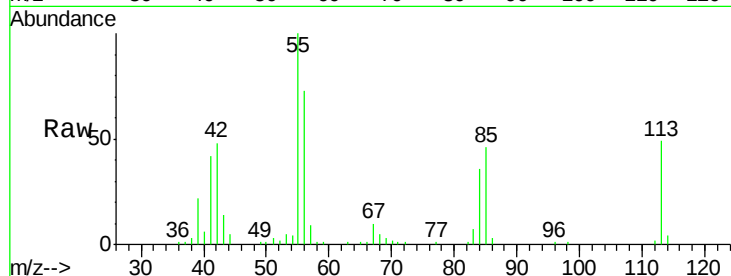
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS



Tgt Ion:113 Resp: 59506

Ion Ratio Lower Upper

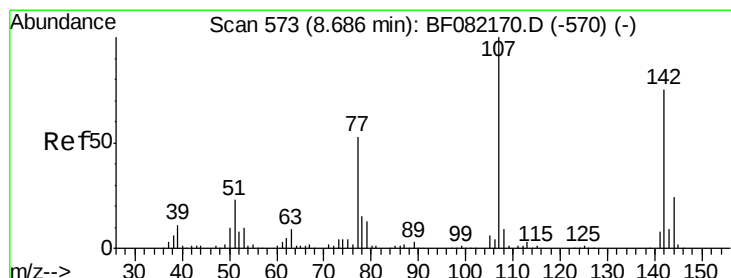
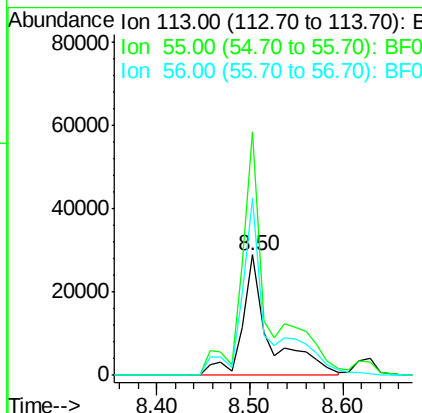
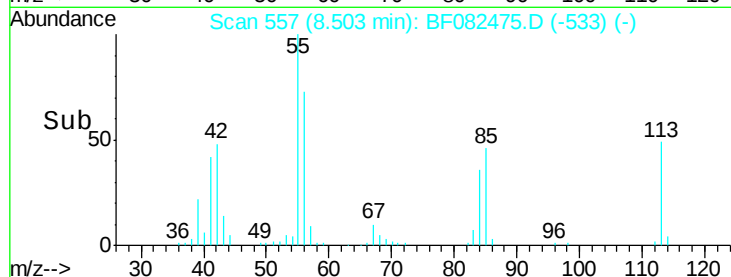
113 100

55 202.5 149.7 189.7#

56 147.3 105.4 145.4#

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#36

4-Chloro-3-methylphenol

Concen: 39.30 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

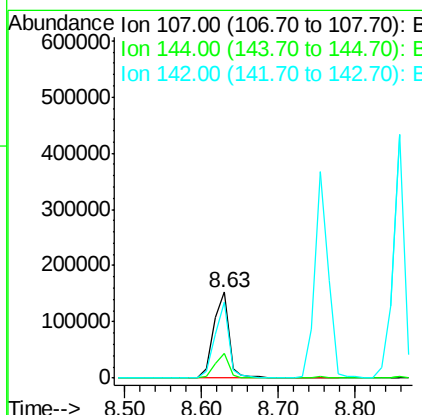
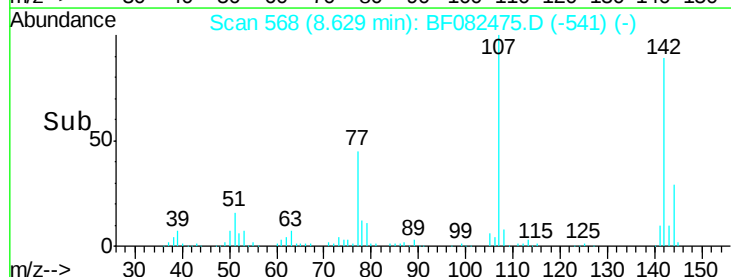
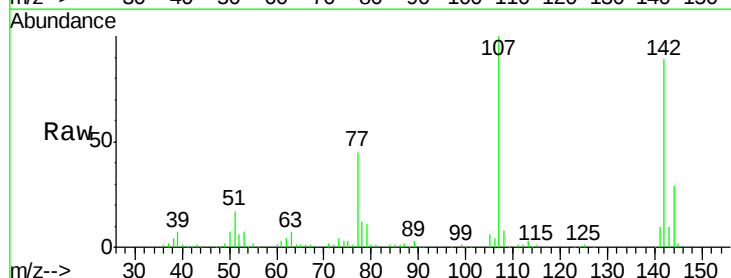
Tgt Ion:107 Resp: 214098

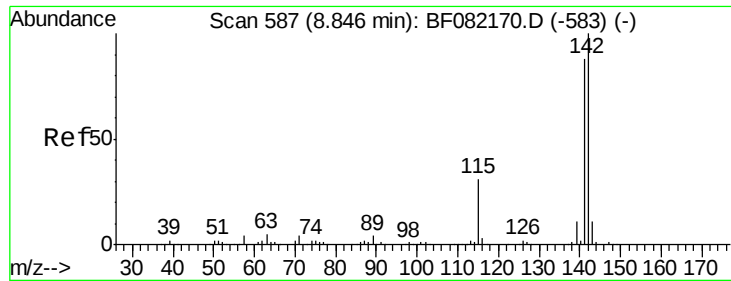
Ion Ratio Lower Upper

107 100

144 28.8 19.3 28.9

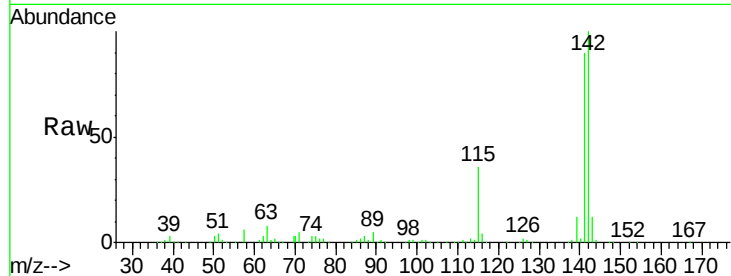
142 89.2 59.9 89.9





#37
 2-Methylnaphthalene
 Concen: 34.15 ng
 RT: 8.75 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

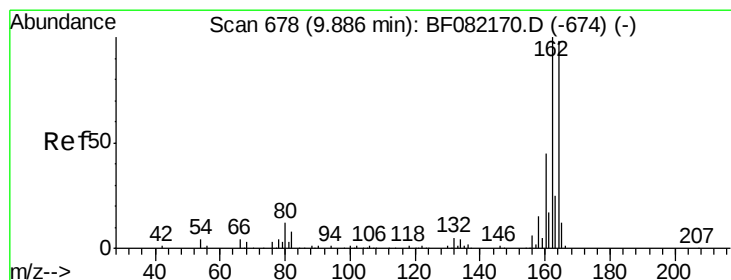
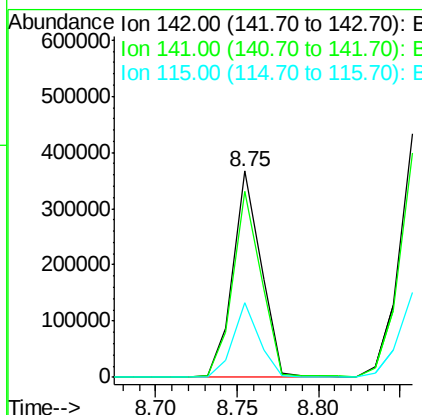
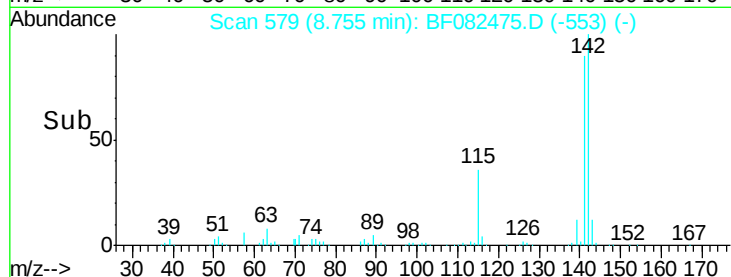
Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS



Tgt Ion:	142	Resp:	441026
Ion Ratio		Lower	Upper
142	100		
141	90.2	70.4	105.6
115	36.4	24.6	37.0

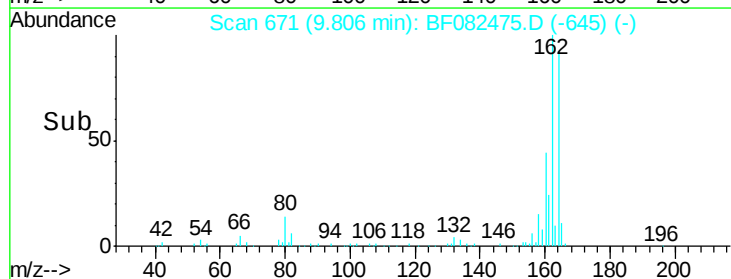
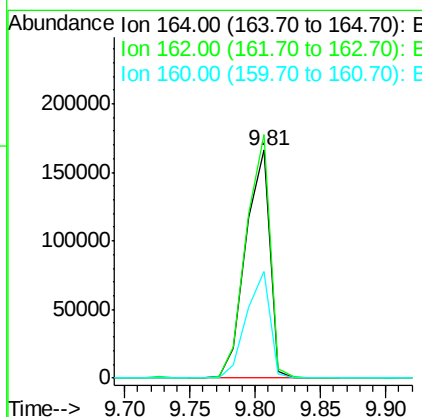
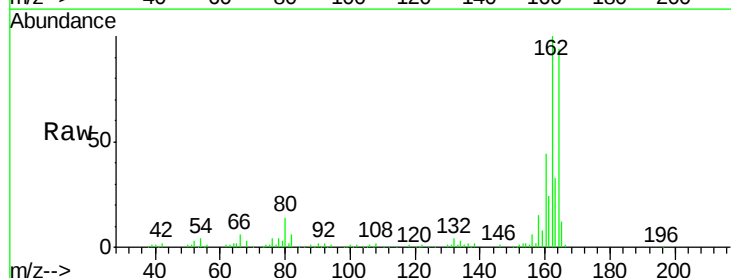
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:	164	Resp:	213800
Ion Ratio		Lower	Upper
164	100		
162	106.7	81.6	122.4
160	46.8	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.51 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082475.D

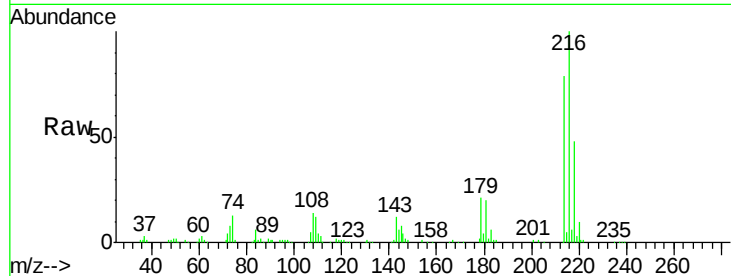
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

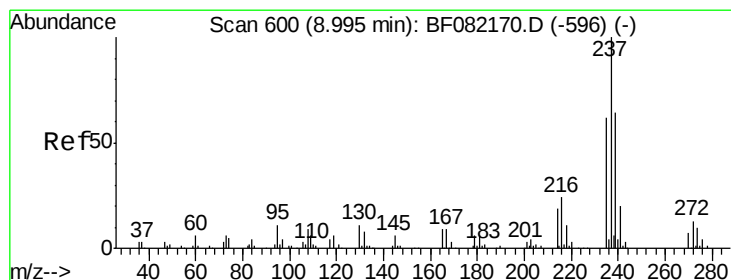
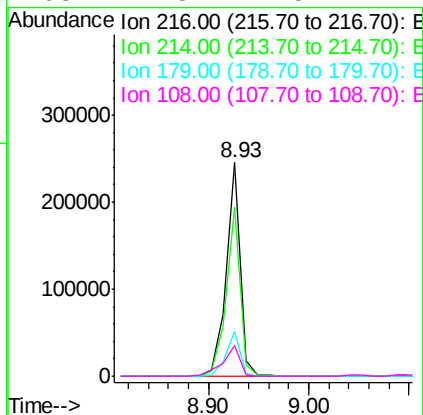
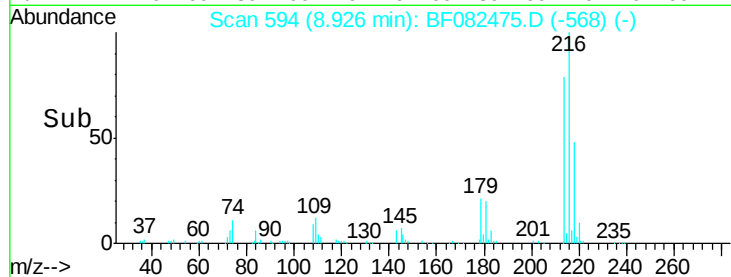
PB86271BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	238567		
214	79.3	64.6	97.0	
179	21.4	17.6	26.4	
108	17.8	14.5	21.7	

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#40

Hexachlorocyclopentadiene

Concen: 50.63 ng

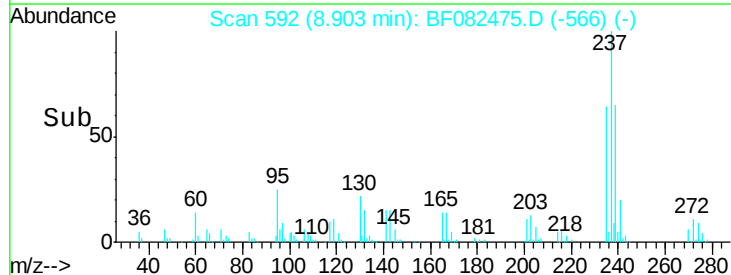
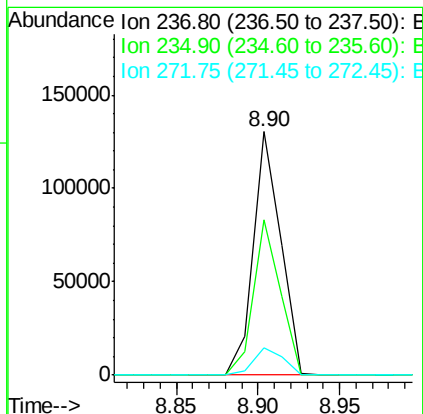
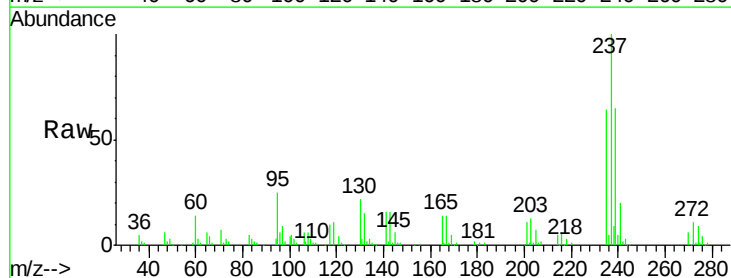
RT: 8.90 min Scan# 592

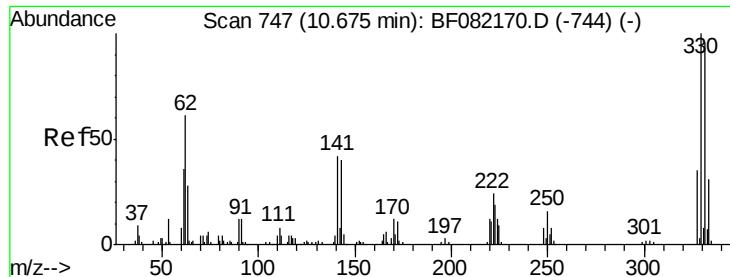
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	151957		
235	63.9	41.7	81.7	
272	11.4	0.0	32.8	





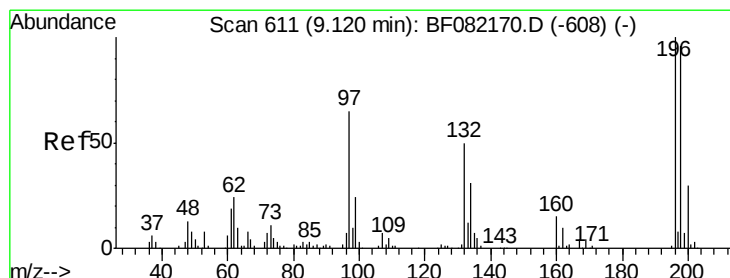
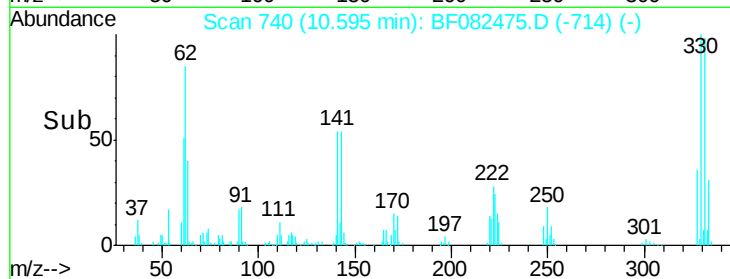
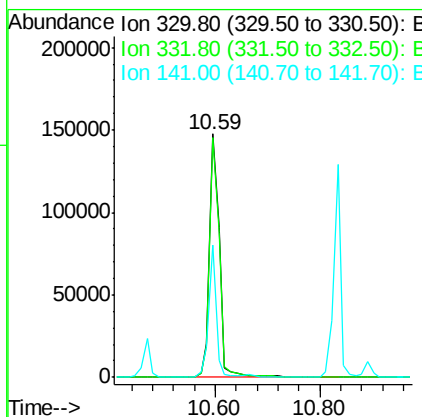
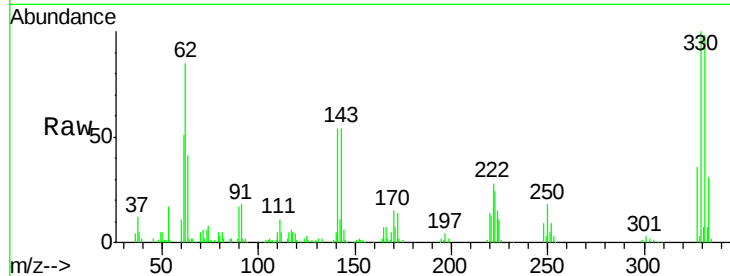
#41
 2,4,6-Tribromophenol
 Concen: 97.46 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	195412		
332	97.5	77.1	115.7	
141	41.4	29.8	44.8	

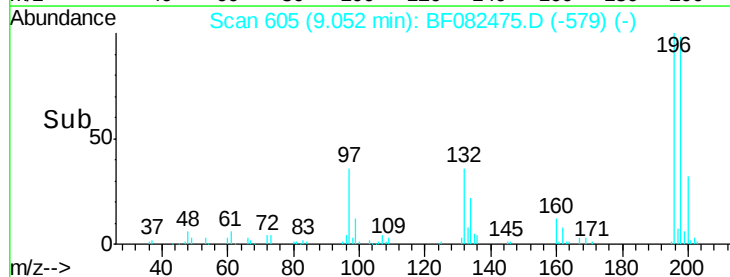
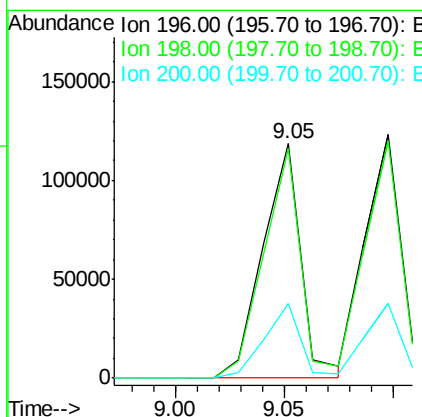
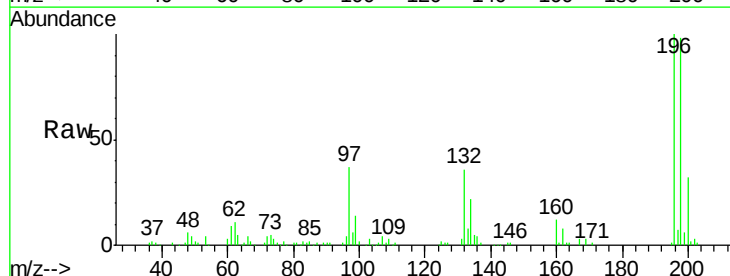
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#42
 2,4,6-Trichlorophenol
 Concen: 34.36 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145139		
198	97.9	76.6	115.0	
200	32.1	23.7	35.5	





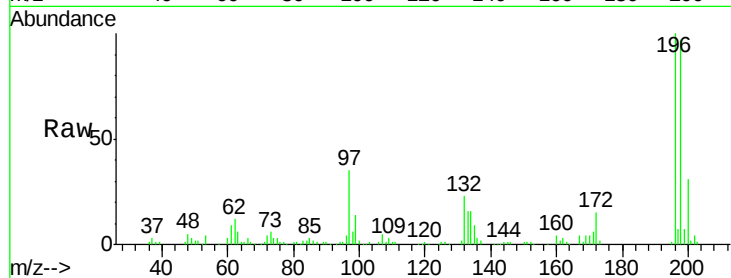
#43
 2,4,5-Trichlorophenol
 Concen: 33.75 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

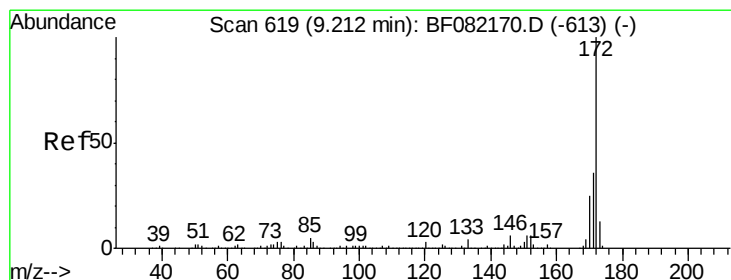
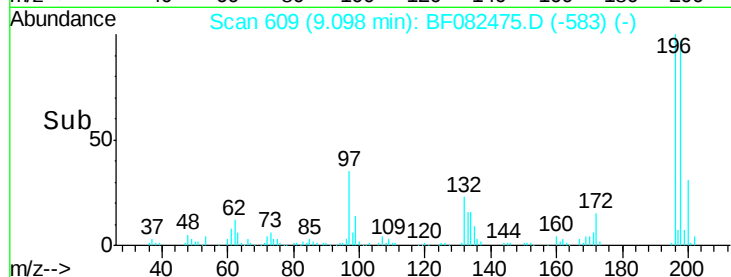
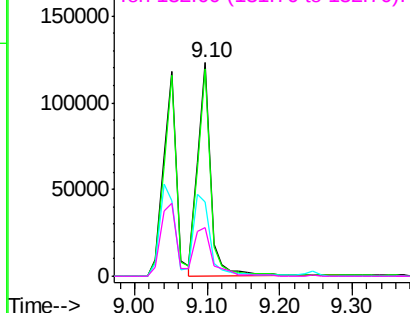
Tgt Ion:	196	Resp:	154441
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.0	115.4
97	34.8	31.9	47.9
132	23.1	20.3	30.5

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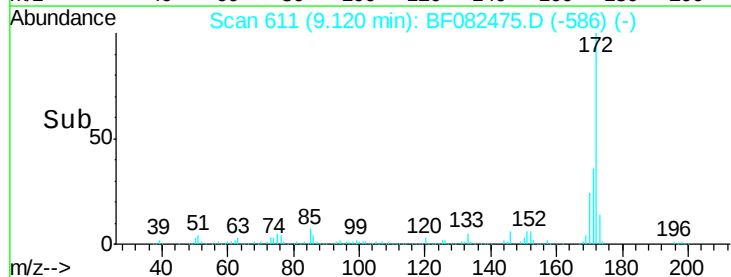
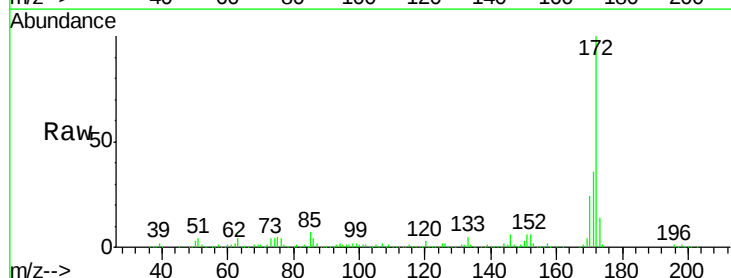
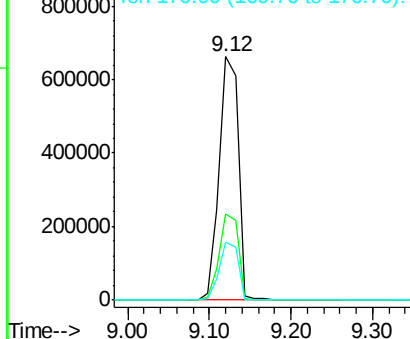
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

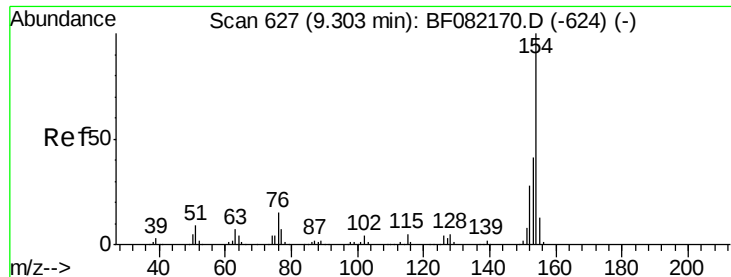


#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion:	172	Resp:	1073283
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	23.9	19.7	29.5

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





#45

1,1'-Biphenyl

Concen: 34.86 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

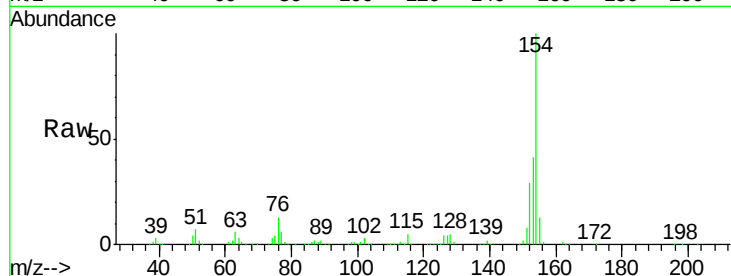
ClientSampleId :

PB86271BS

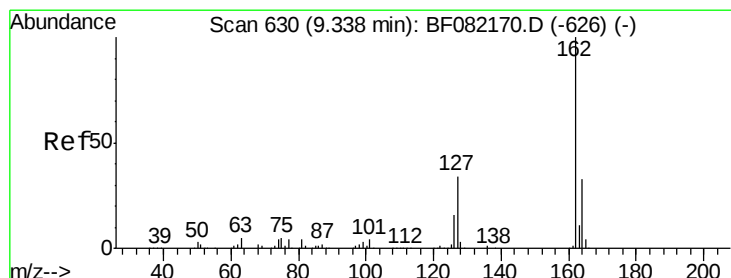
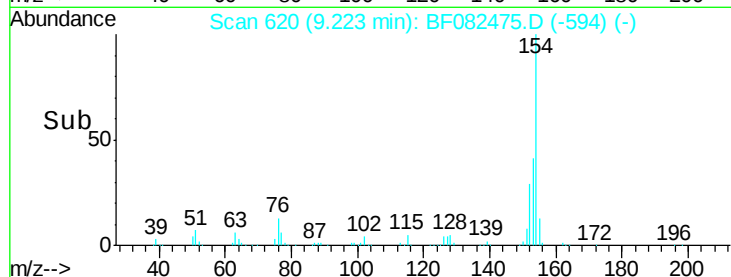
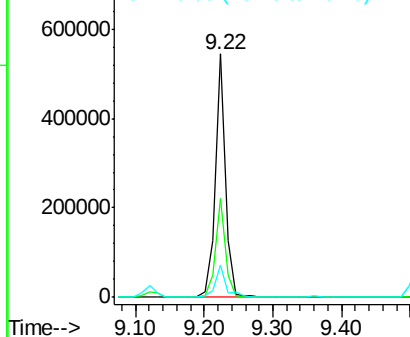
Tgt Ion:	154	Resp:	568303
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.6	60.6
76	13.2	0.0	35.2

Manual Integrations
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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: 34.17 ng

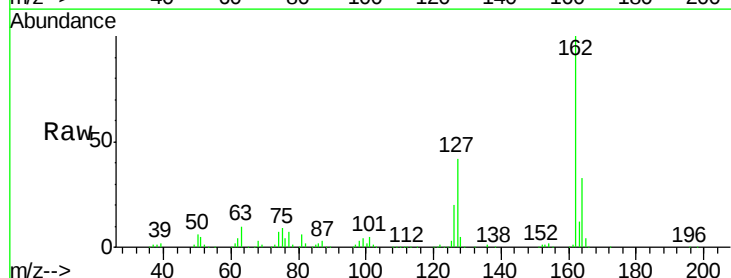
RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

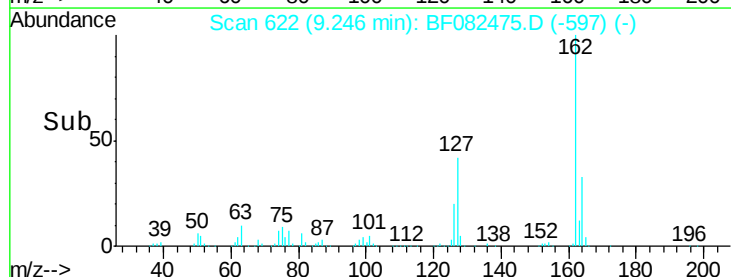
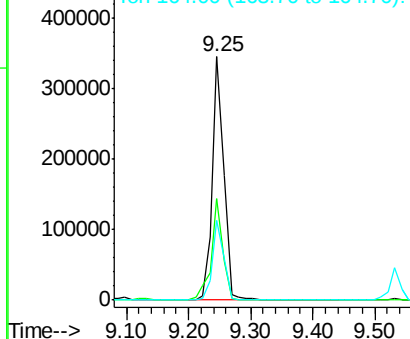
Lab File: BF082475.D

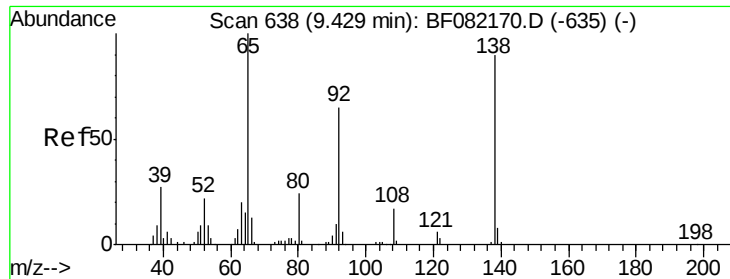
Acq: 23 Oct 2015 19:55

Tgt Ion:	162	Resp:	438518
Ion Ratio	Lower	Upper	
162	100		
127	41.7	27.5	41.3#
164	32.8	26.6	39.8



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





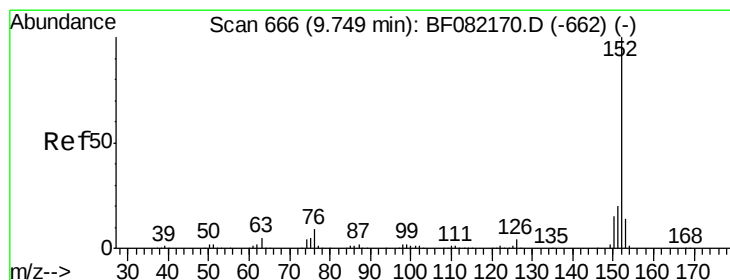
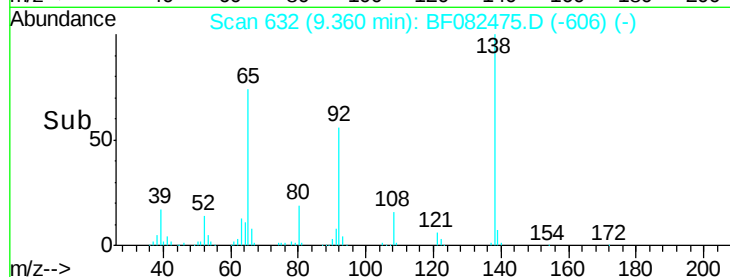
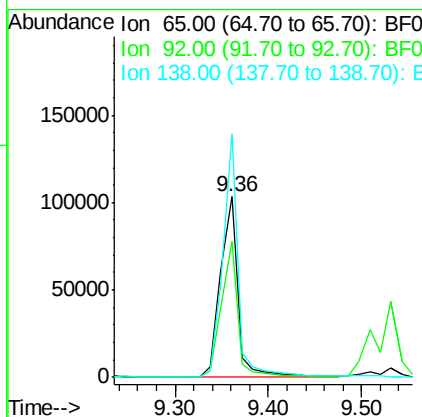
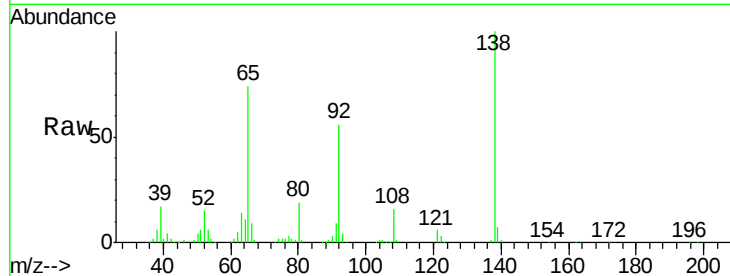
#47
2-Nitroaniline
Concen: 38.37 ng
RT: 9.36 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135183		
92	75.0	52.3	78.5	
138	134.7	72.2	108.4	

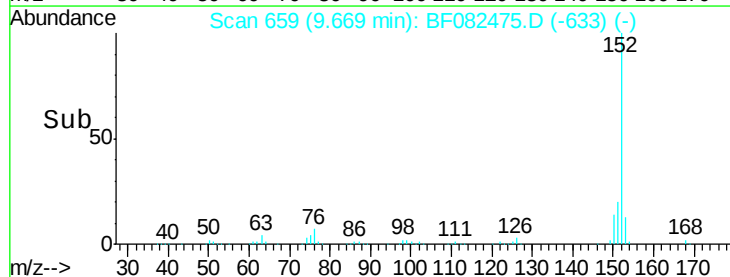
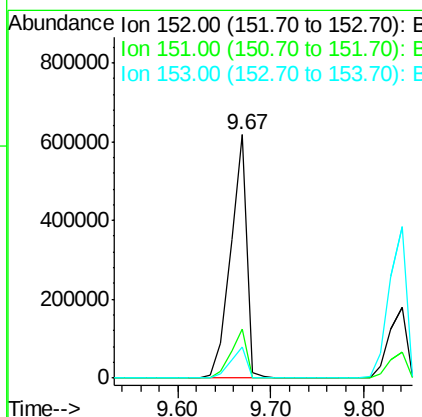
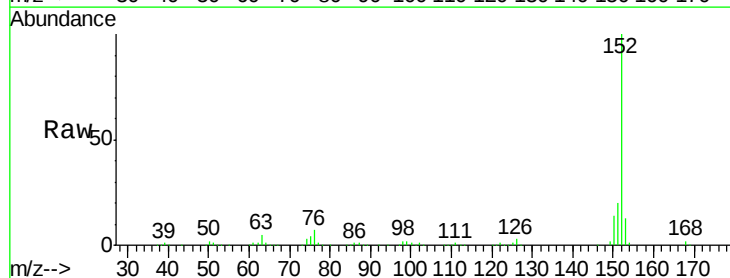
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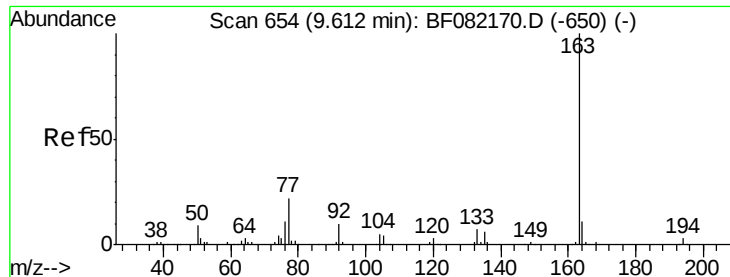
MmDadoda
10/26/2015 7:22:13 PM



#48
Acenaphthylene
Concen: 37.32 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	746162		
151	20.0	16.4	24.6	
153	13.0	10.8	16.2	





#49

Dimethylphthalate

Concen: 35.47 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

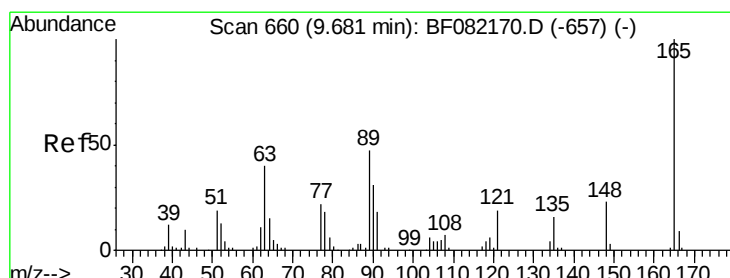
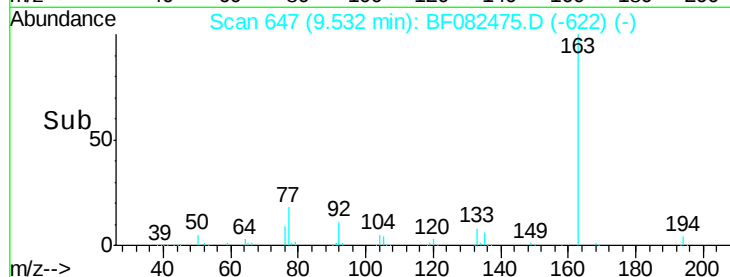
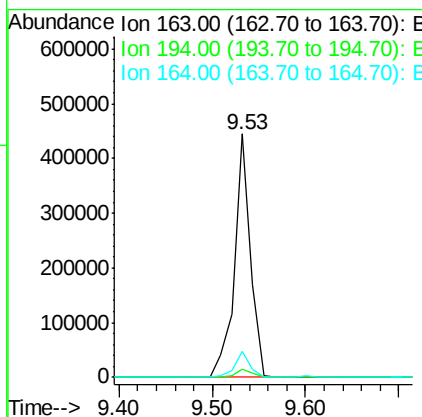
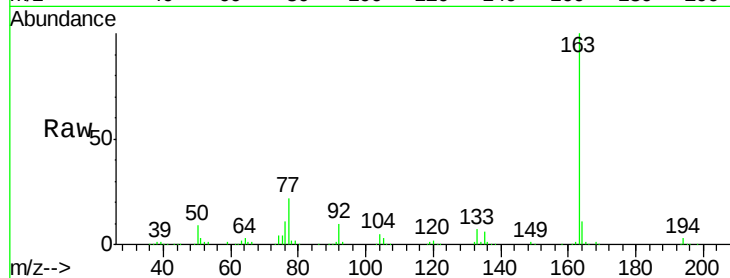
ClientSampleId :

PB86271BS

Tgt Ion:	163	Resp:	534055
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.5	8.5	12.7

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#50

2,6-Dinitrotoluene

Concen: 38.27 ng

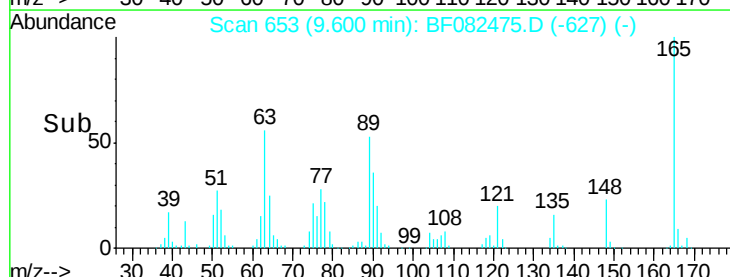
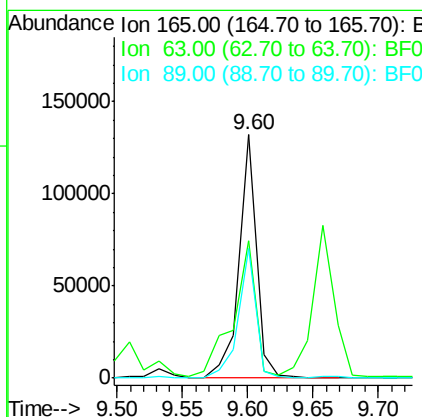
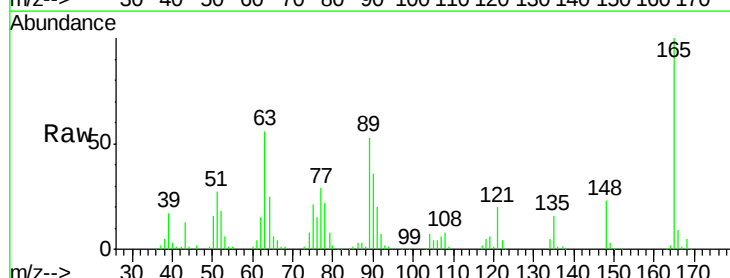
RT: 9.60 min Scan# 653

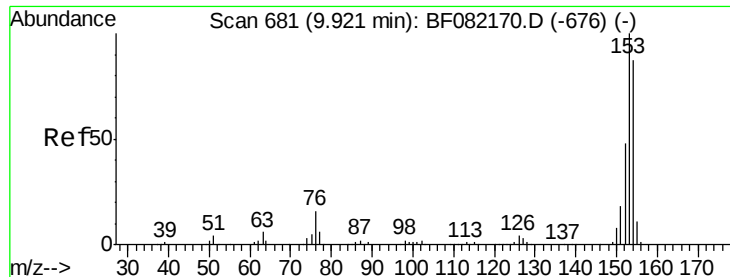
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	165	Resp:	121558
Ion Ratio	Lower	Upper	
165	100		
63	56.2	36.7	55.1#
89	53.1	37.8	56.6





#51

Acenaphthene

Concen: 36.19 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

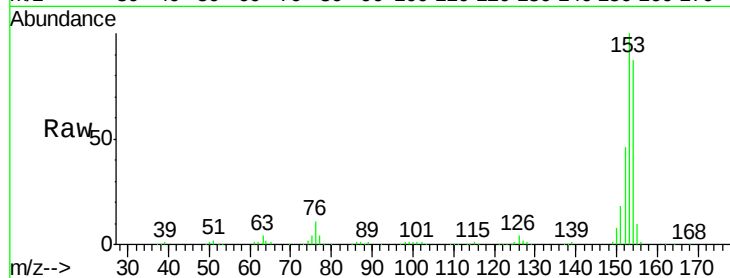
ClientSampleId :

PB86271BS

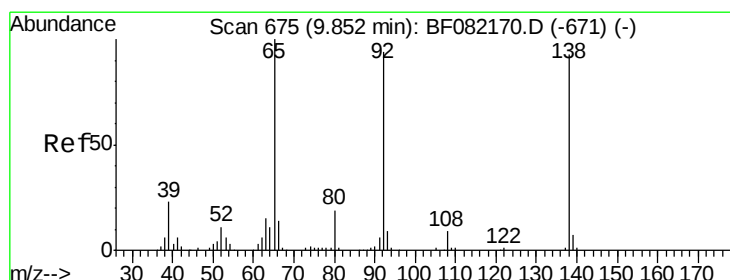
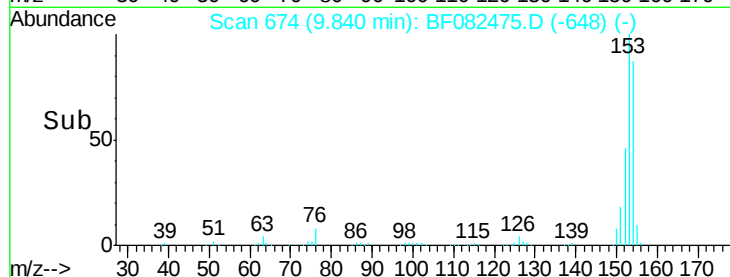
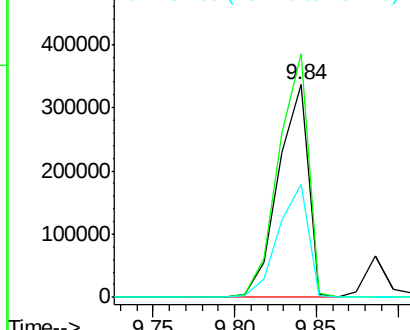
Tgt Ion:	154	Resp:	434425
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.4	137.2
152	53.0	44.3	66.5

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.69 ng

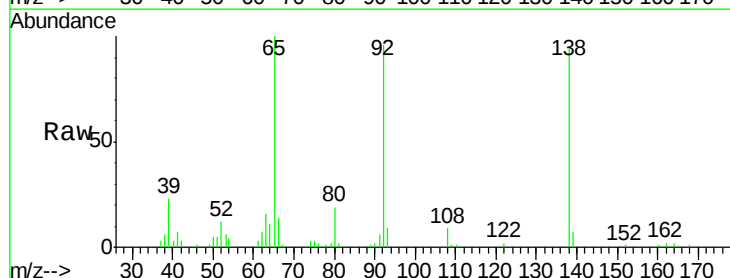
RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

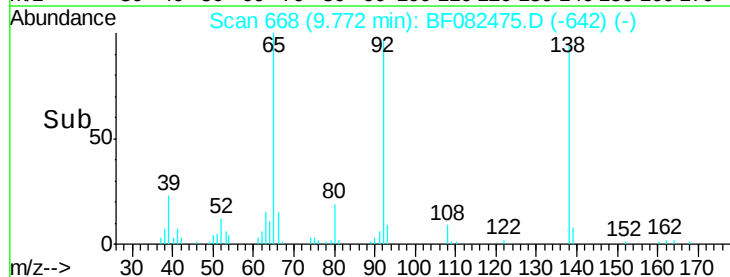
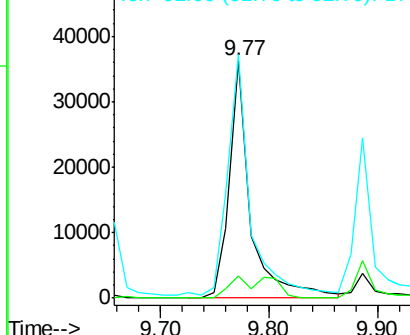
Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	138	Resp:	49113
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.4	11.0
92	102.4	81.3	121.9



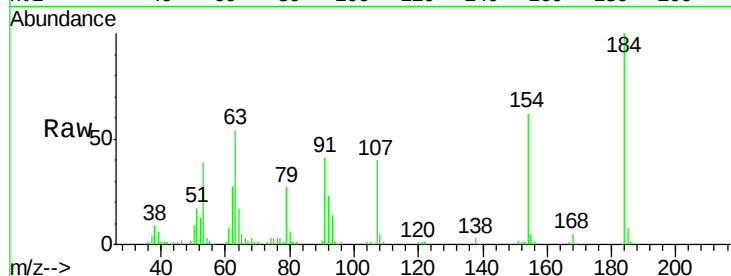
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 65.39 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

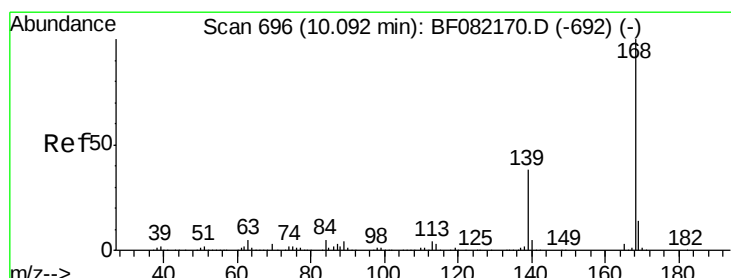
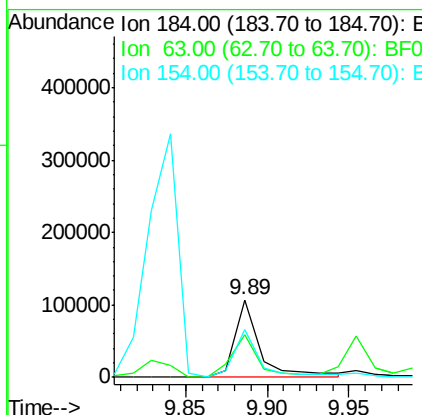
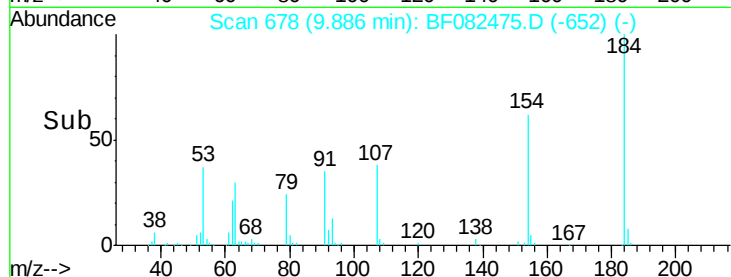
Instrument :
BNA_F
ClientSampleId :
PB86271BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113823		
63	54.4	45.1	67.7	
154	61.9	51.2	76.8	

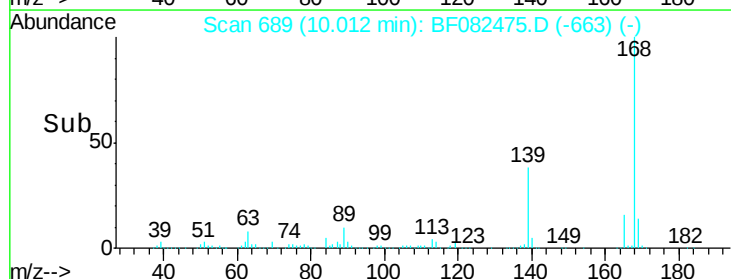
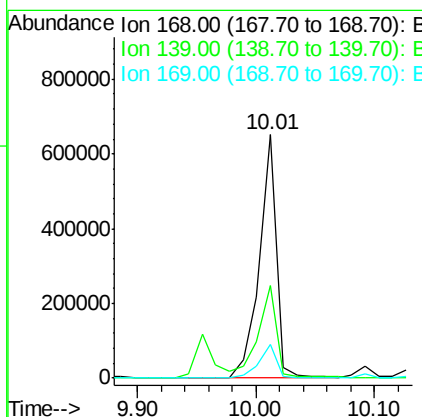
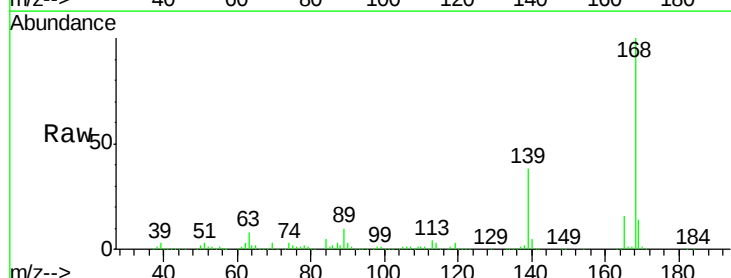
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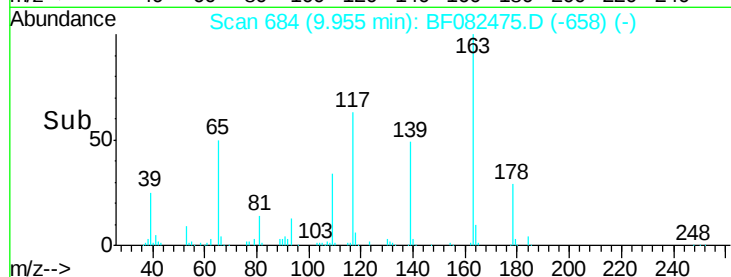
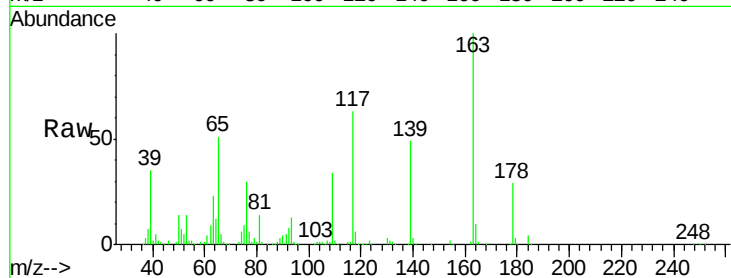
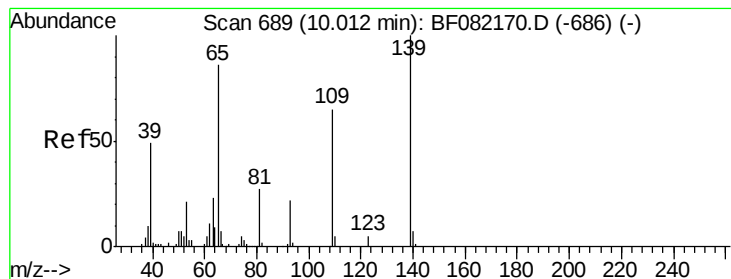
MmDadoda
10/26/2015 7:22:13 PM



#54
Dibenzofuran
Concen: 40.06 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	660162		
139	38.2	31.0	46.6	
169	13.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 57.01 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	139	Resp:	125118
Ion Ratio	Lower	Upper	
139	100		
109	69.6	44.8	84.8
65	104.2	67.7	107.7

Instrument :

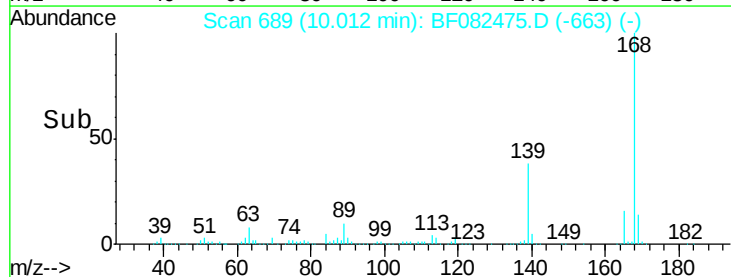
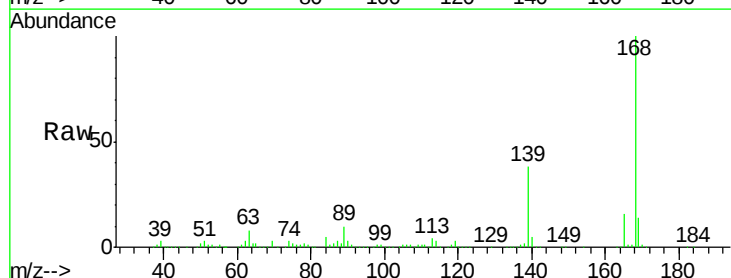
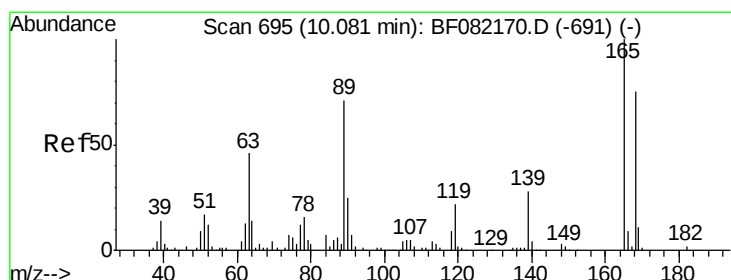
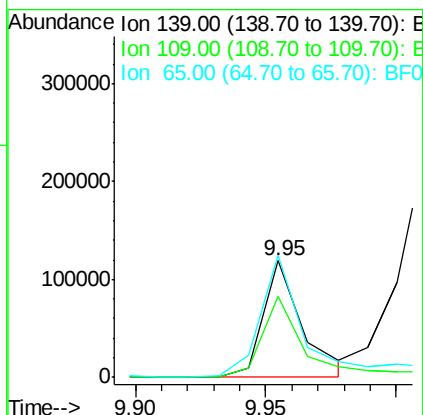
BNA_F

ClientSampleId :

PB86271BS

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#56

2,4-Dinitrotoluene

Concen: 39.92 ng

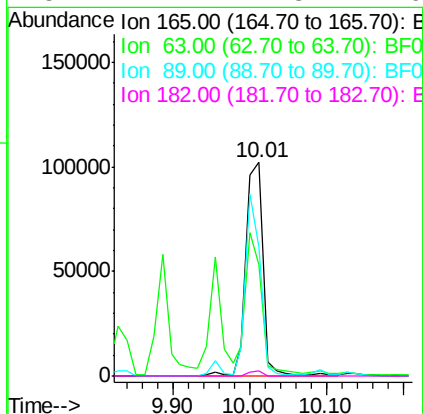
RT: 10.01 min Scan# 689

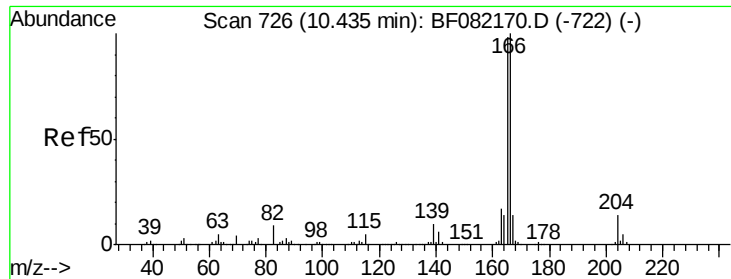
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	165	Resp:	158488
Ion Ratio	Lower	Upper	
165	100		
63	52.2	38.6	58.0
89	60.7	57.0	85.6
182	2.4	1.8	2.6





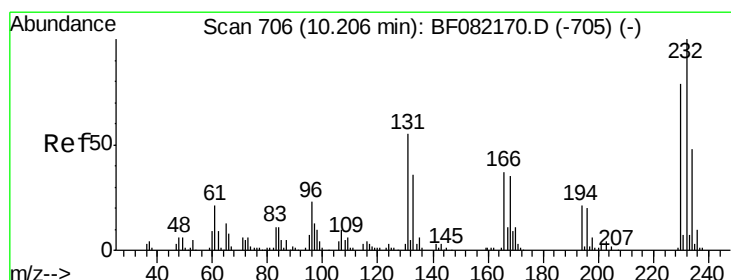
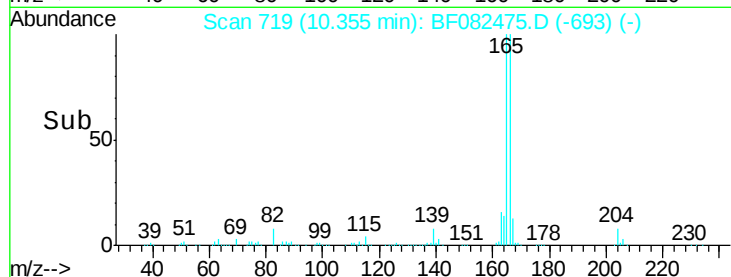
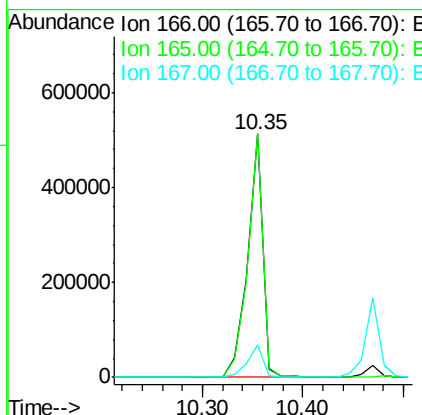
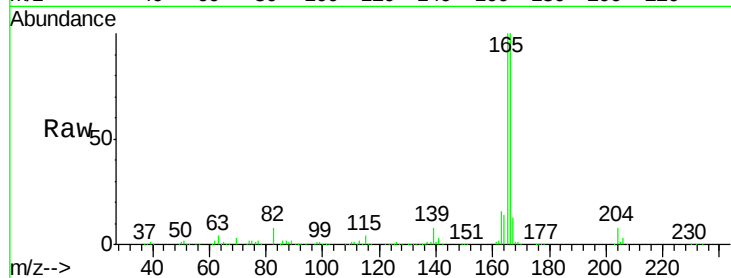
#57
 Fluorene
 Concen: 39.96 ng
 RT: 10.35 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	540769		
165	99.8	78.3	117.5	
167	13.2	10.8	16.2	

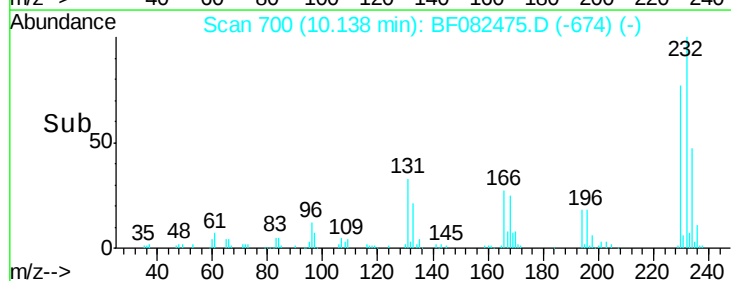
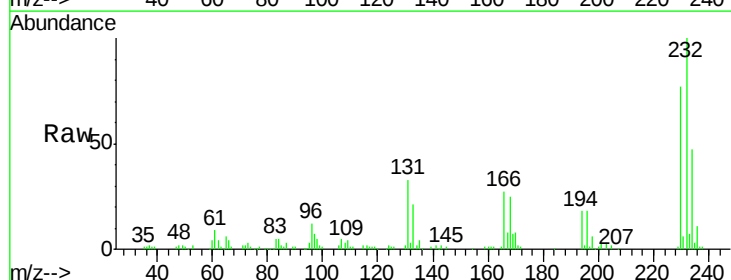
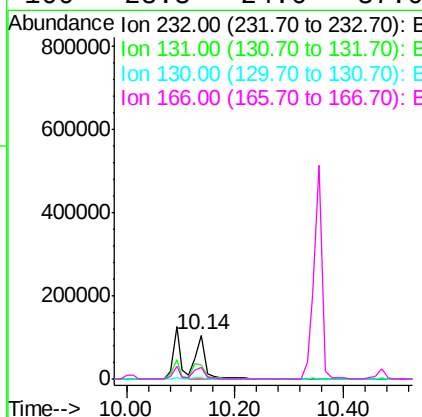
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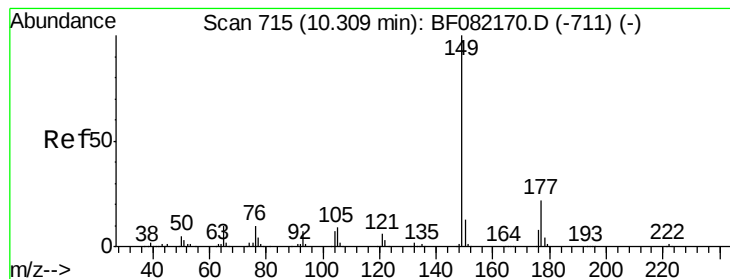
MmDadoda
 10/26/2015 7:22:13 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.65 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	133282		
131	42.6	36.6	54.8	
130	1.9	1.5	2.3	
166	28.3	24.6	37.0	





#59

Diethylphthalate

Concen: 37.97 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

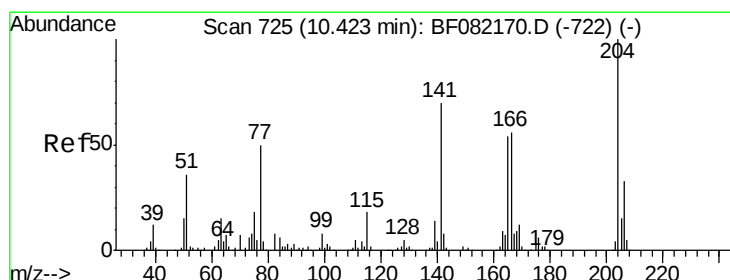
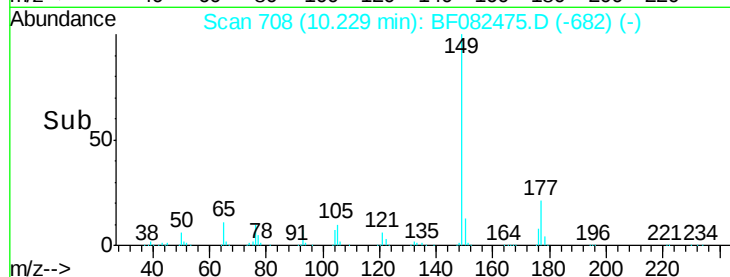
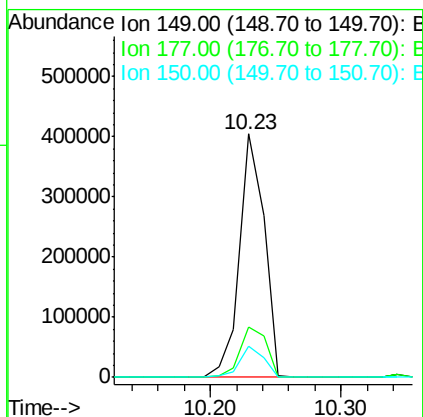
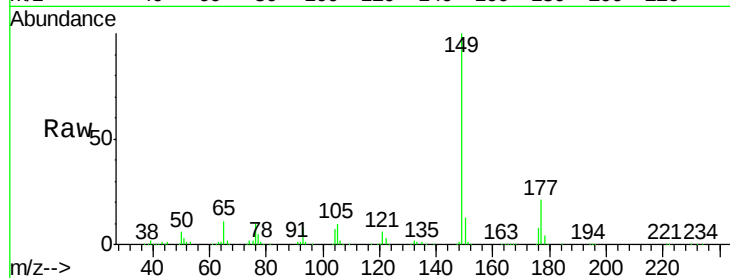
ClientSampleId :

PB86271BS

Tgt Ion:	149	Resp:	532867
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.6	26.4
150	12.9	10.3	15.5

Manual Integrations
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10/26/2015 7:22:13 PM



#60

4-Chlorophenyl-phenylether

Concen: 39.23 ng

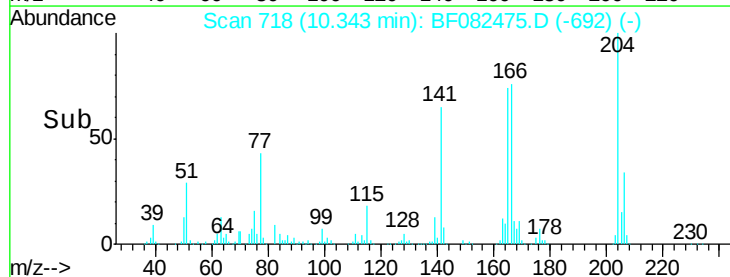
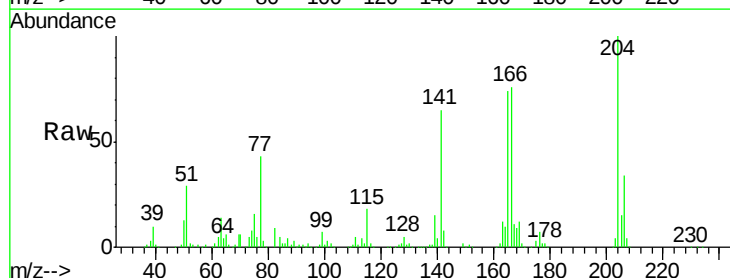
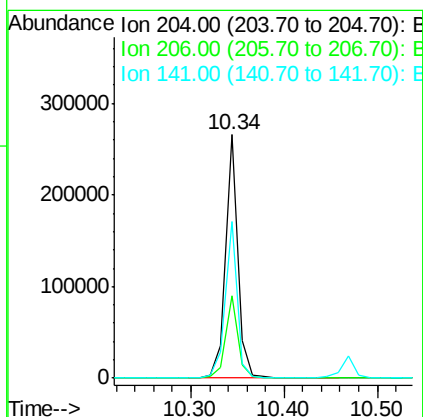
RT: 10.34 min Scan# 718

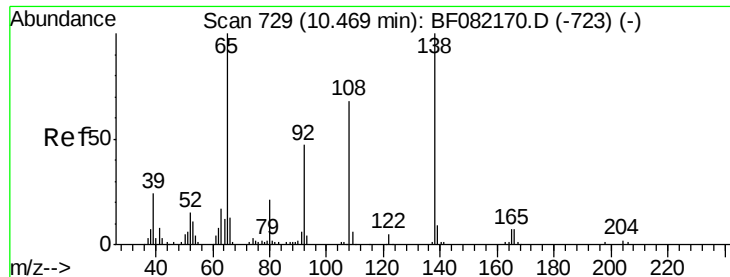
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	204	Resp:	243231
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.8	40.2
141	64.6	56.1	84.1





#61

4-Nitroaniline

Concen: 32.94 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

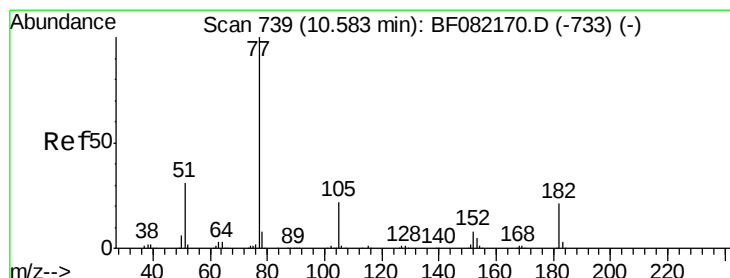
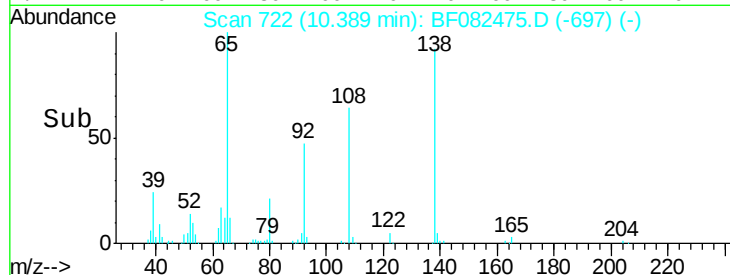
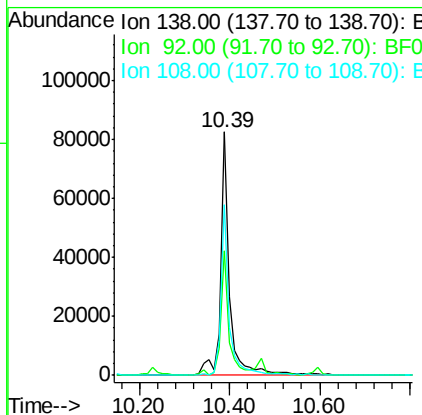
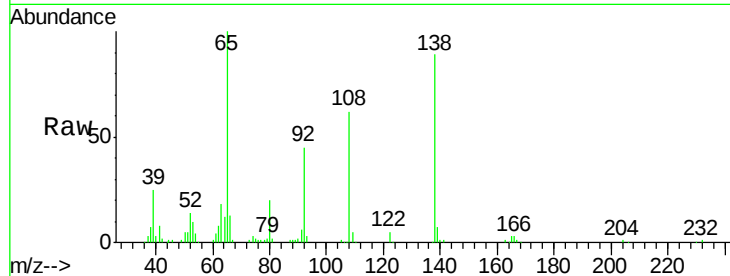
ClientSampleId :

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Tgt Ion:	138	Resp:	114638
Ion Ratio	Lower	Upper	
138	100		
92	51.0	26.8	66.8
108	70.1	48.4	88.4

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#62

Azobenzene

Concen: 37.84 ng

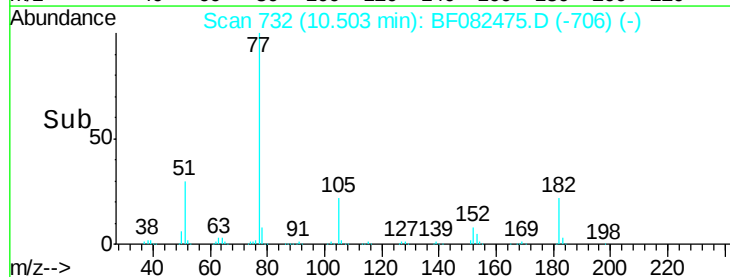
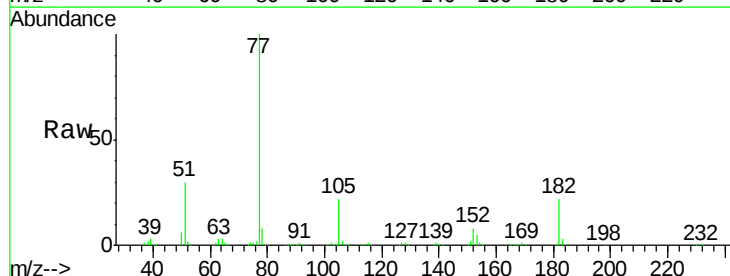
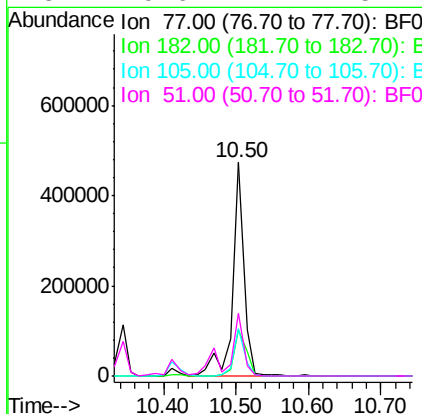
RT: 10.50 min Scan# 732

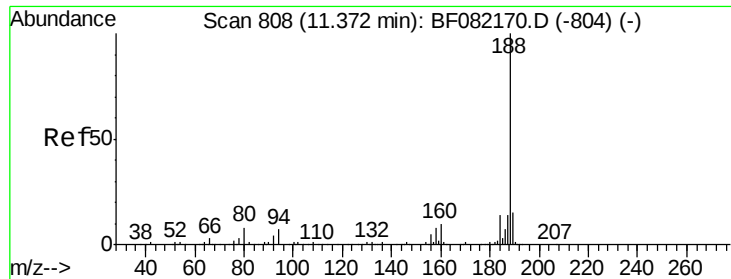
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	77	Resp:	519659
Ion Ratio	Lower	Upper	
77	100		
182	21.5	0.5	40.5
105	22.0	1.8	41.8
51	29.6	11.2	51.2





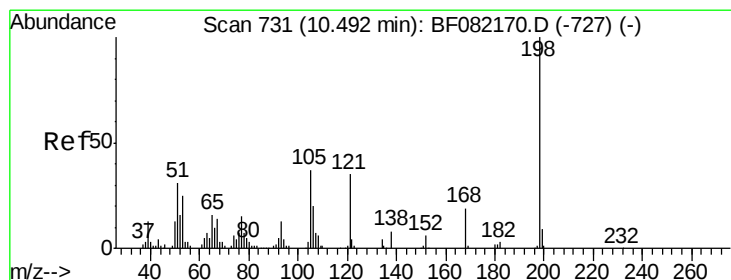
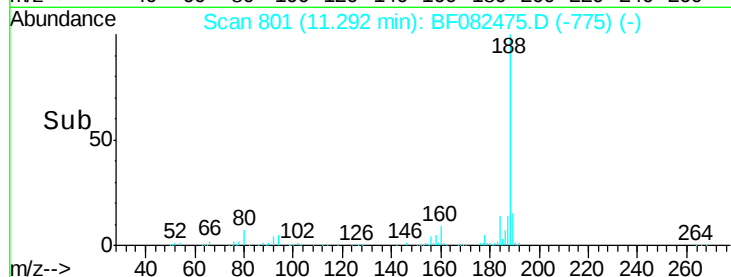
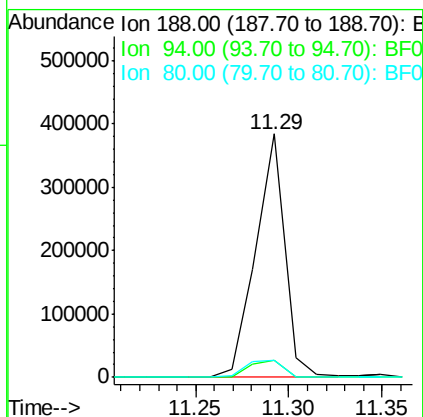
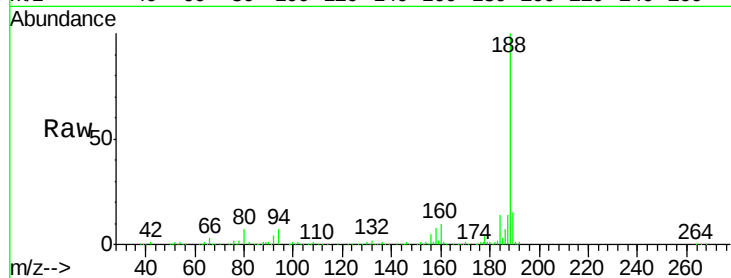
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	5.8	8.6
80	7.3	6.4	9.6

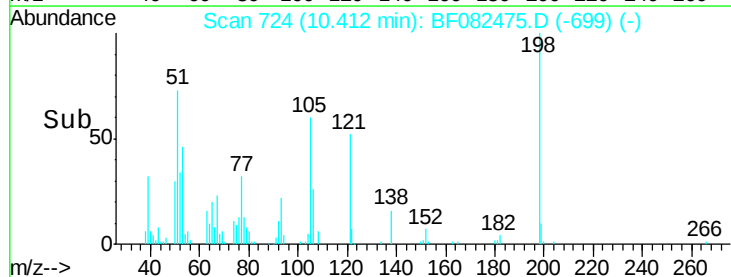
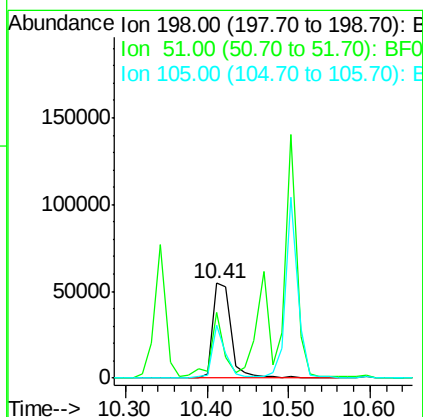
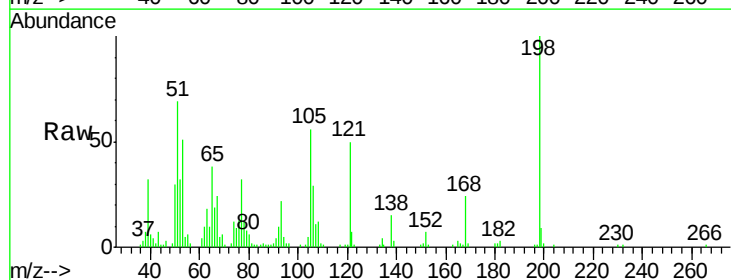
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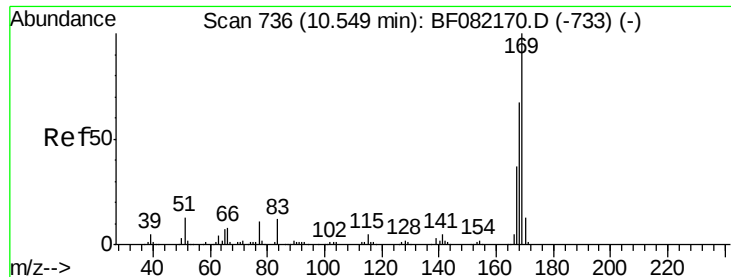
MmDadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.17 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	68.9	13.6	53.6#
105	55.8	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 36.31 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

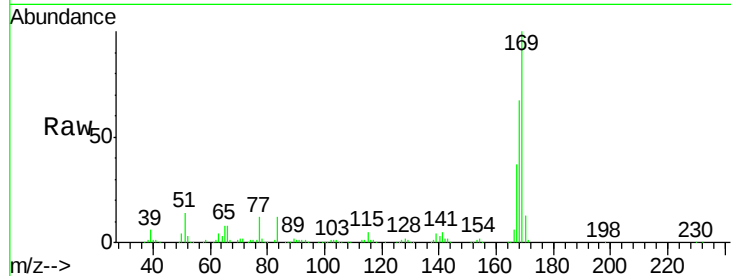
ClientSampleId :

PB86271BS

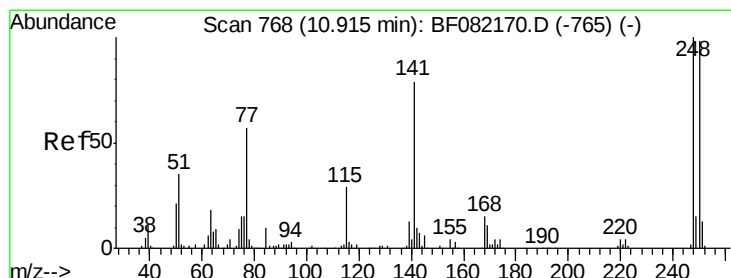
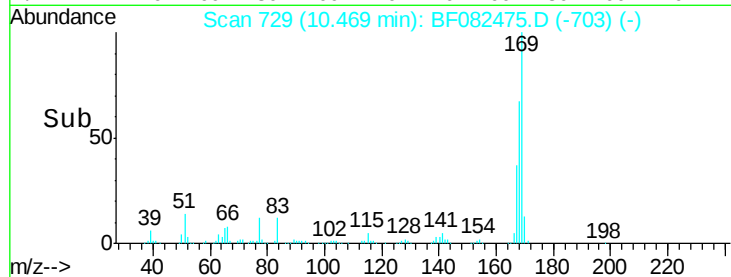
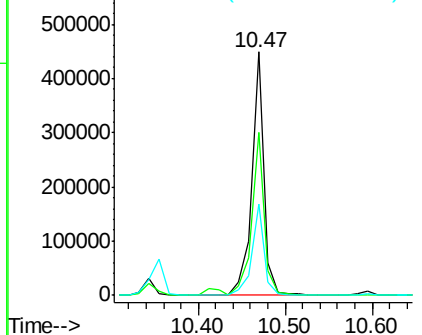
Tgt Ion:	169	Resp:	449793
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.0	81.0
167	37.3	29.6	44.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.01 ng

RT: 10.83 min Scan# 761

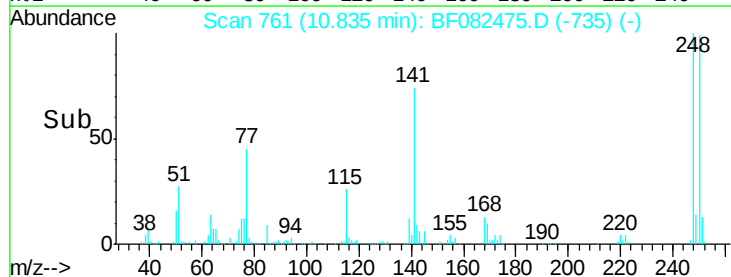
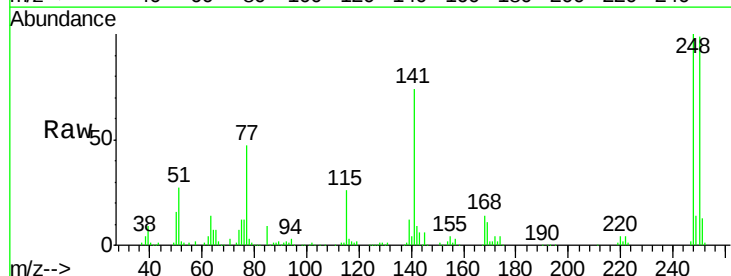
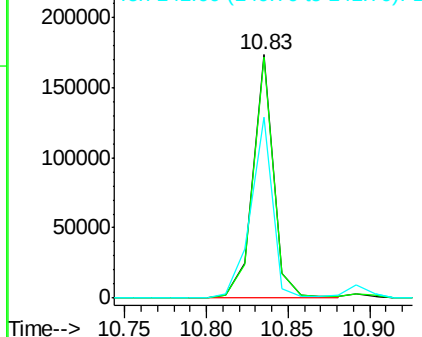
Delta R.T. 0.00 min

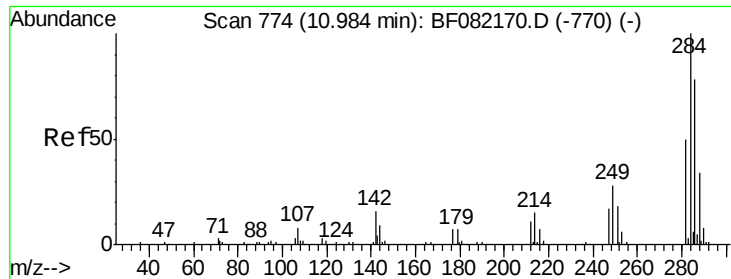
Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	248	Resp:	153233
Ion Ratio	Lower	Upper	
248	100		
250	99.1	78.6	117.8
141	74.3	63.3	94.9

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





#67

Hexachlorobenzene

Concen: 34.44 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082475.D

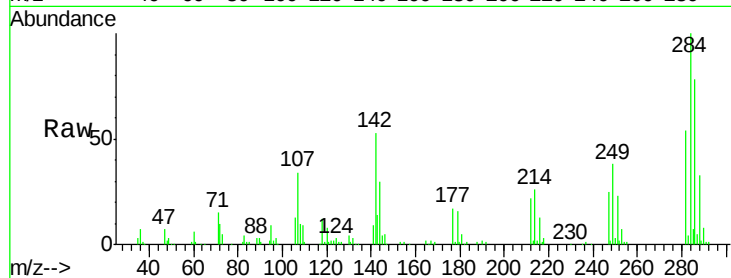
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

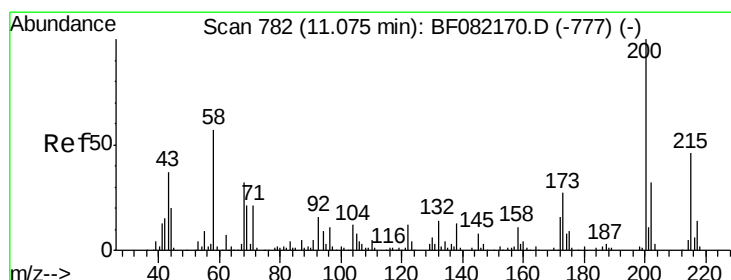
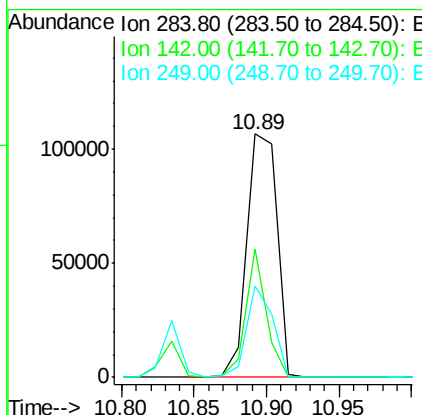
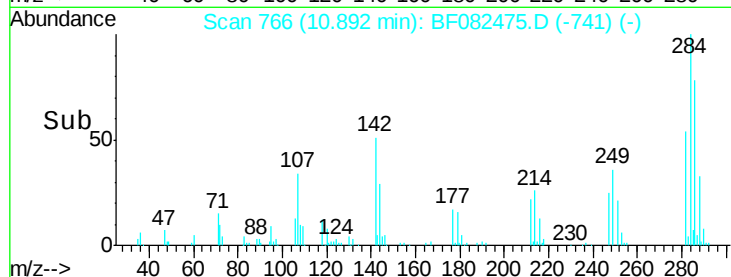
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Tgt Ion:	284	Resp:	154243
Ion Ratio	Lower	Upper	
284	100		
142	52.7	13.0	19.6#
249	37.7	22.5	33.7#

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#68

Atrazine

Concen: 40.47 ng

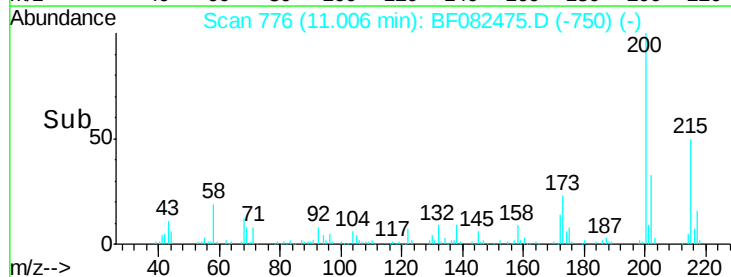
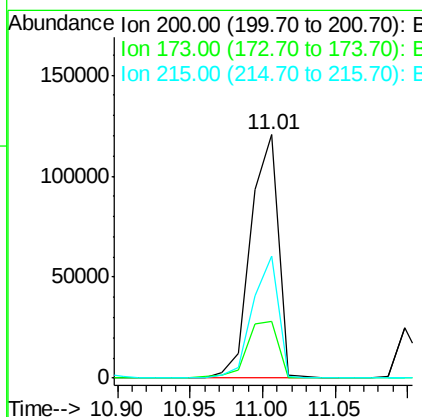
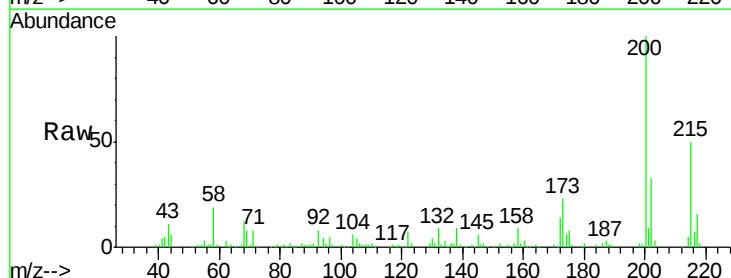
RT: 11.01 min Scan# 776

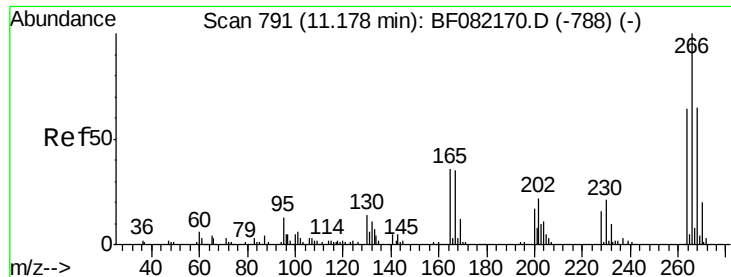
Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion:	200	Resp:	158808
Ion Ratio	Lower	Upper	
200	100		
173	23.4	7.3	47.3
215	50.3	26.2	66.2





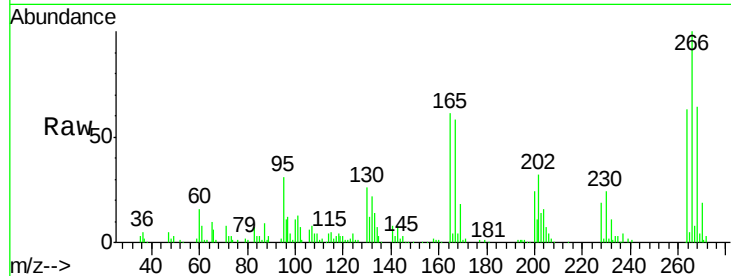
#69
 Pentachlorophenol
 Concen: 61.17 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

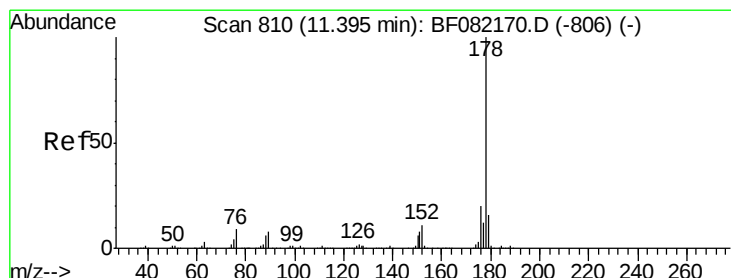
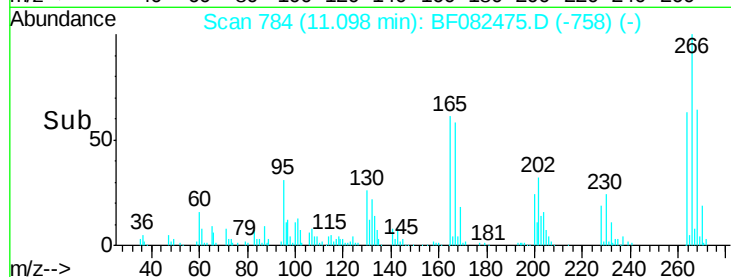
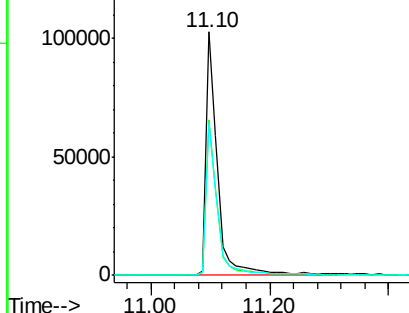
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	140962		
268	63.7	52.0	78.0	
264	62.7	51.4	77.0	

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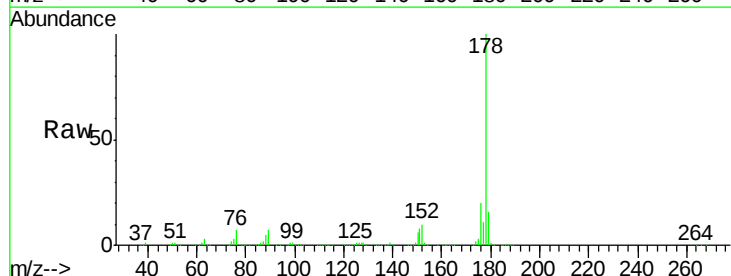


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

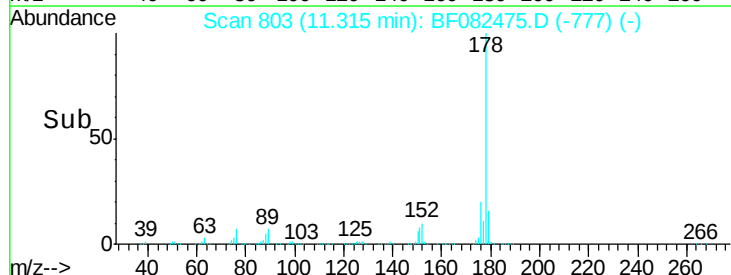
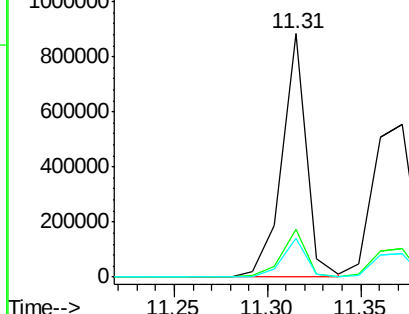


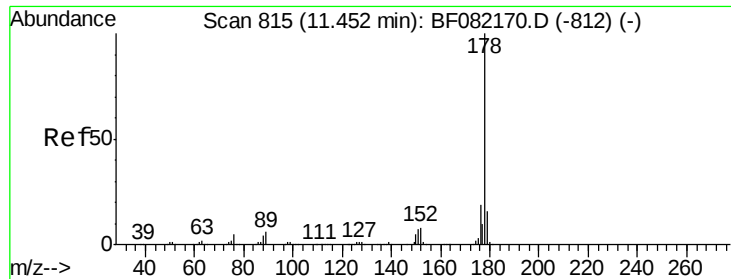
#70
 Phenanthrene
 Concen: 39.59 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	802832		
176	19.8	16.0	24.0	
179	15.7	12.6	19.0	



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





#71

Anthracene

Concen: 38.71 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

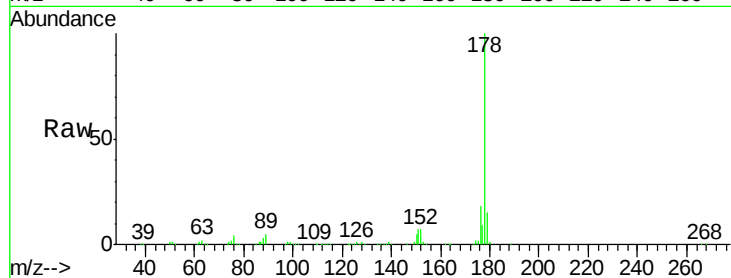
ClientSampleId :

PB86271BS

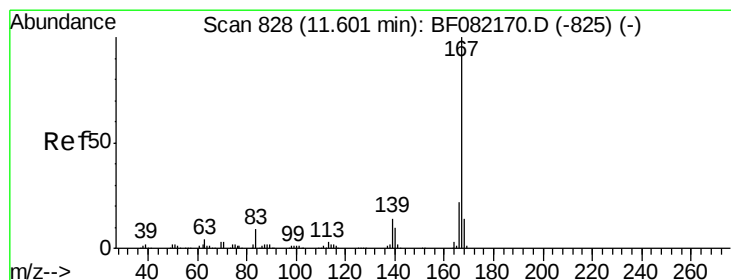
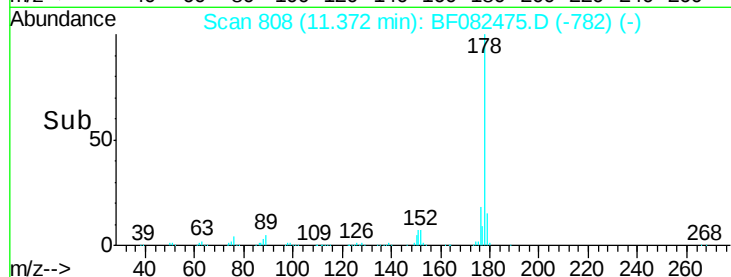
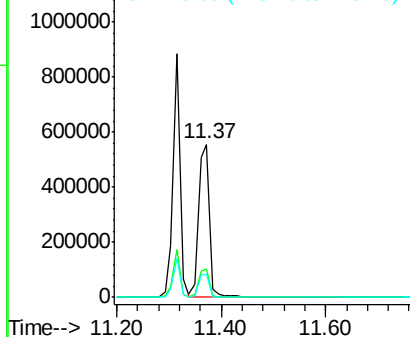
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.0	12.5	18.7



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



#72

Carbazole

Concen: 38.48 ng

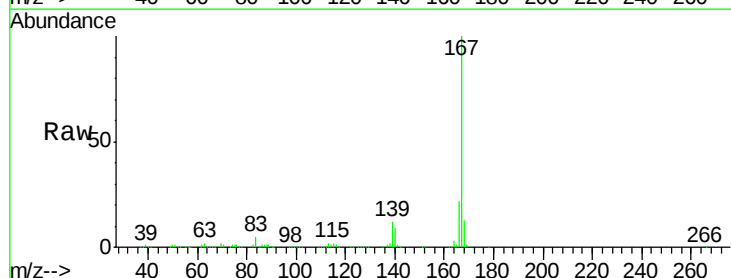
RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

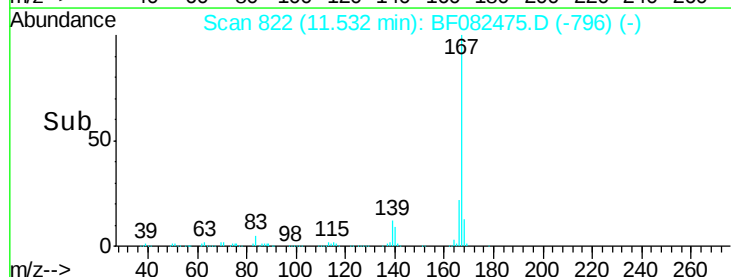
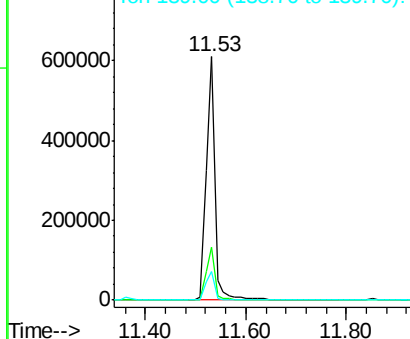
Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	12.0	11.2	16.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





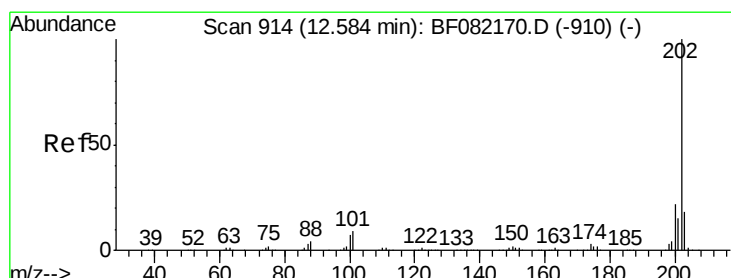
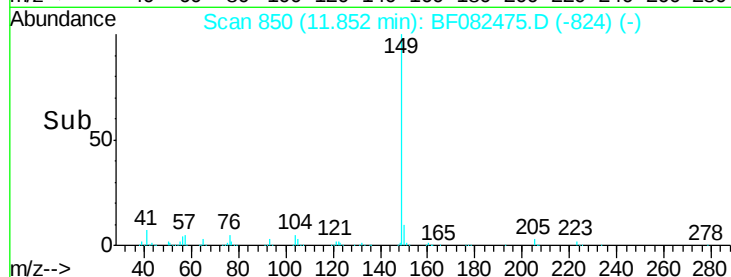
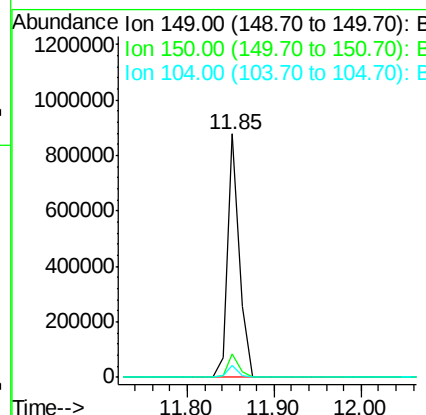
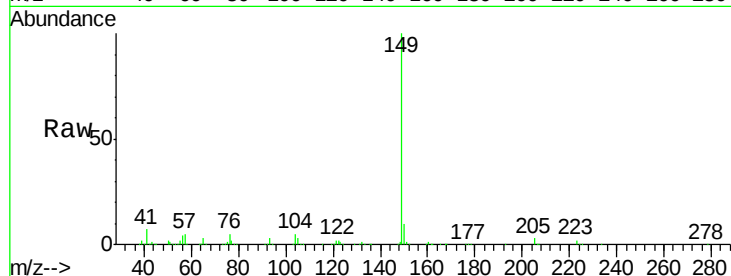
#73
Di-n-butylphthalate
Concen: 35.49 ng
RT: 11.85 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

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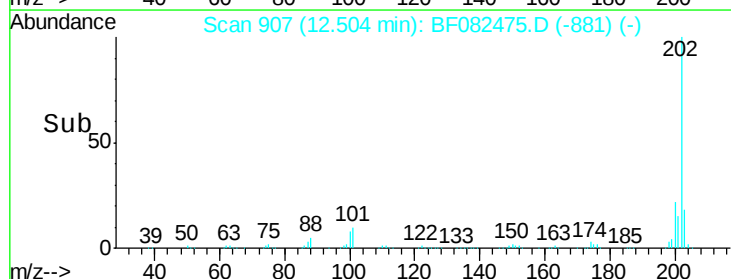
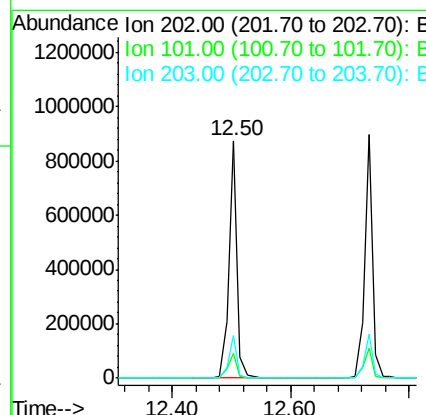
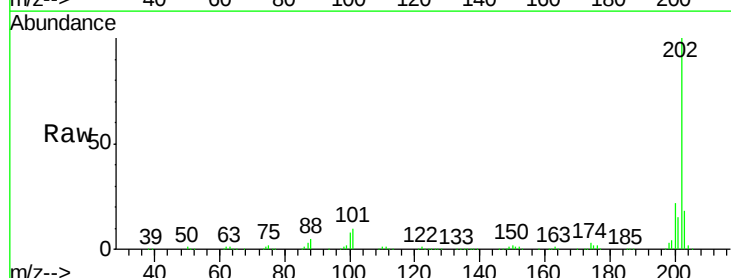
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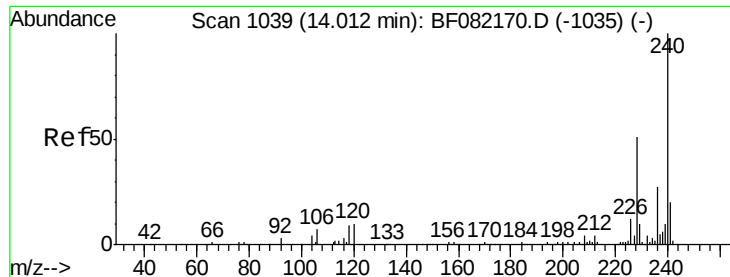
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	834699		
150	9.9	7.8	11.6	
104	4.9	3.8	5.8	



#74
Fluoranthene
Concen: 37.93 ng
RT: 12.50 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	826224		
101	10.3	0.0	29.3	
203	18.2	0.0	37.8	





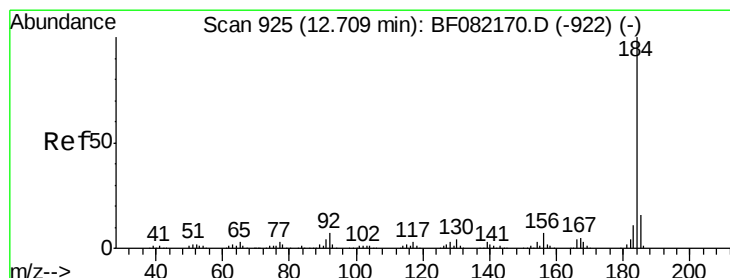
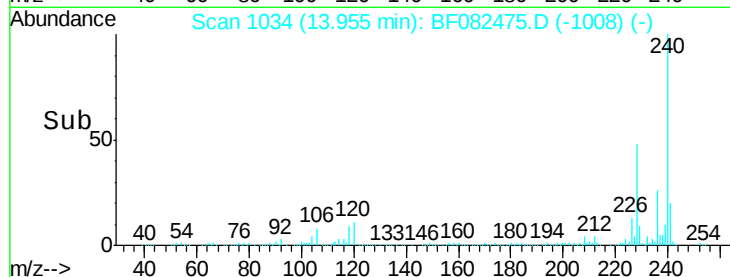
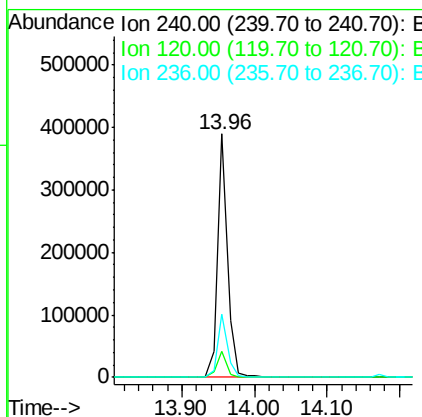
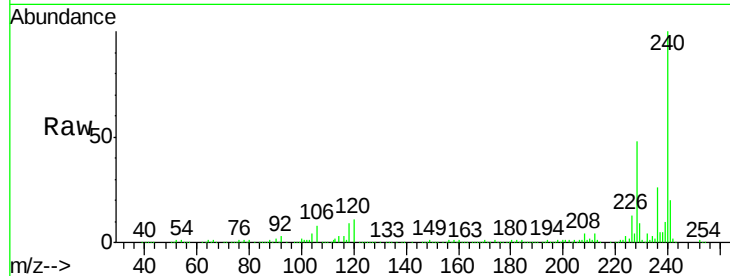
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372232		
120	10.8	8.1	12.1	
236	25.8	21.3	31.9	

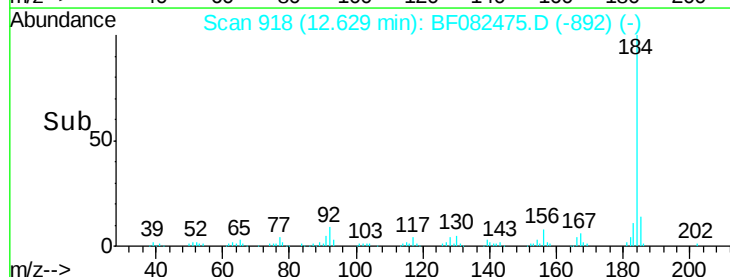
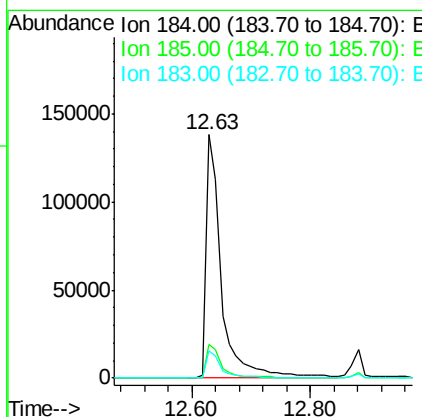
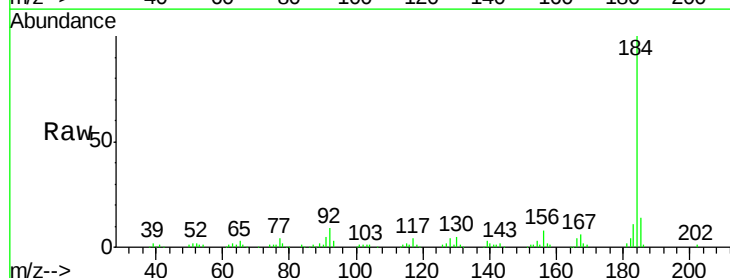
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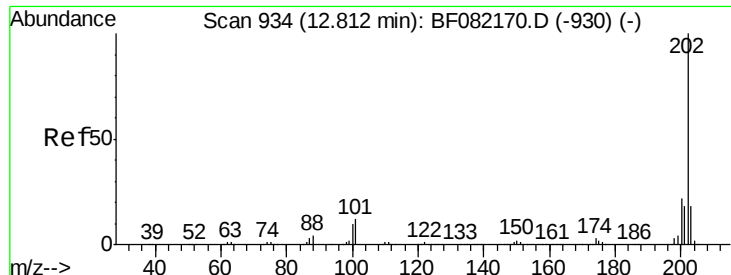
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#76
Benzidine
Concen: 23.24 ng
RT: 12.63 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	250736		
185	13.9	12.5	18.7	
183	11.0	9.1	13.7	





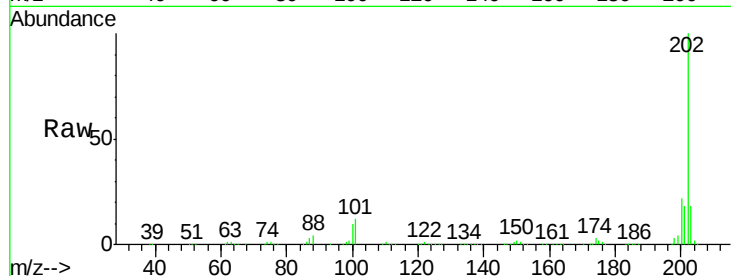
#77
Pyrene
 Concen: 37.65 ng
 RT: 12.73 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

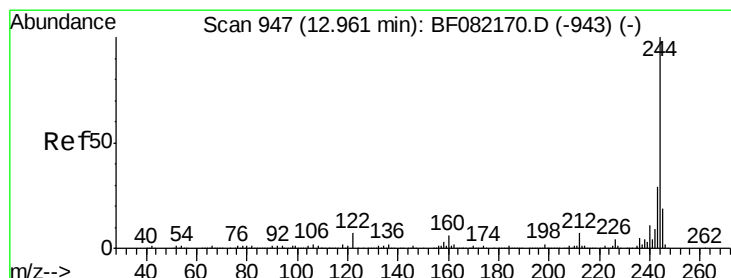
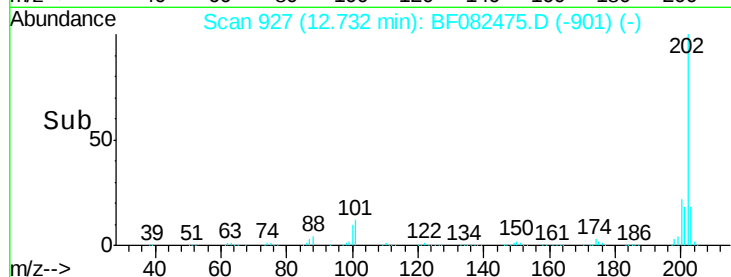
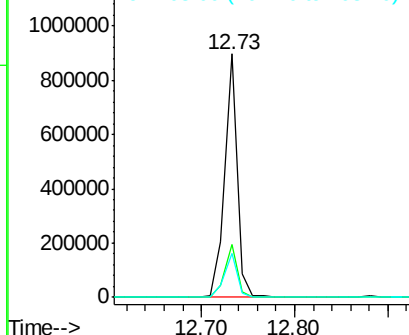
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	17.9	14.5	21.7

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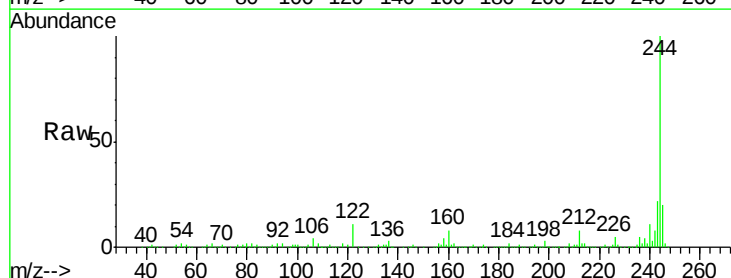


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

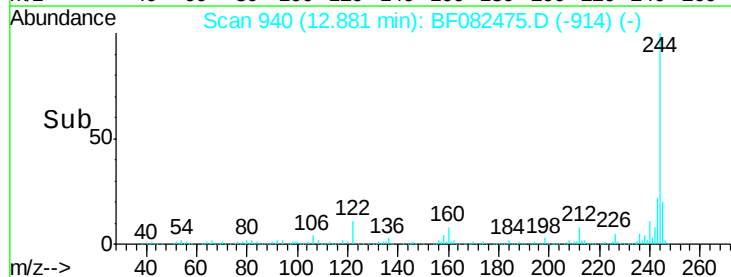
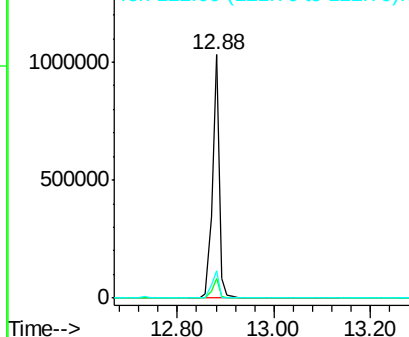


#78
Terphenyl-d14
 Concen: 74.11 ng
 RT: 12.88 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	11.2	5.9	8.9#



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





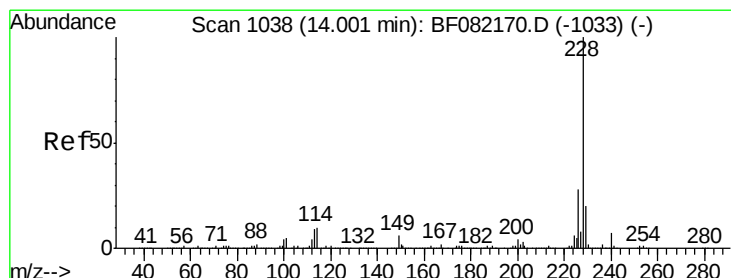
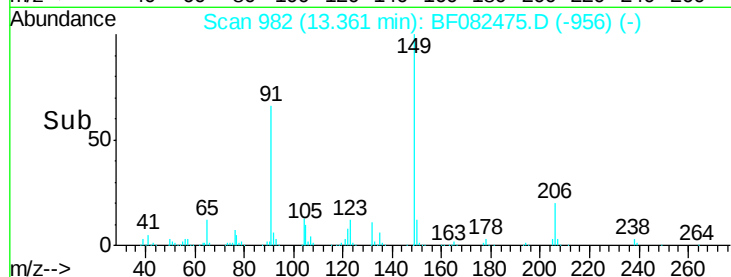
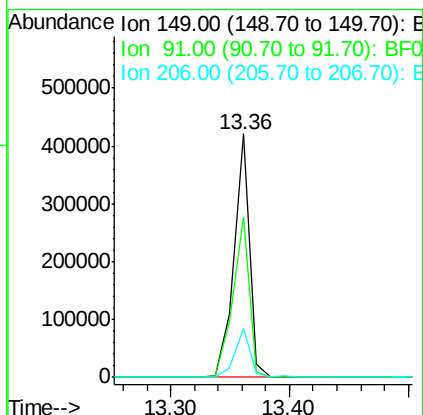
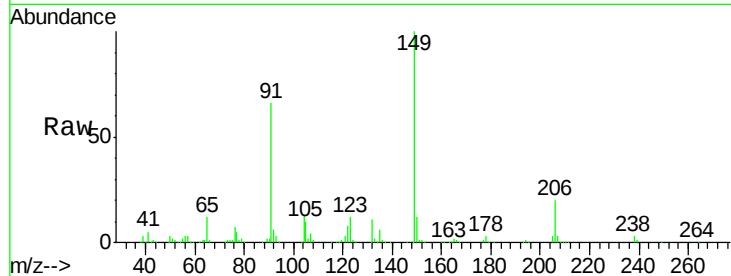
#79
Butylbenzylphthalate
Concen: 38.02 ng
RT: 13.36 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383253		
91	66.0	55.7	83.5	
206	20.1	15.6	23.4	

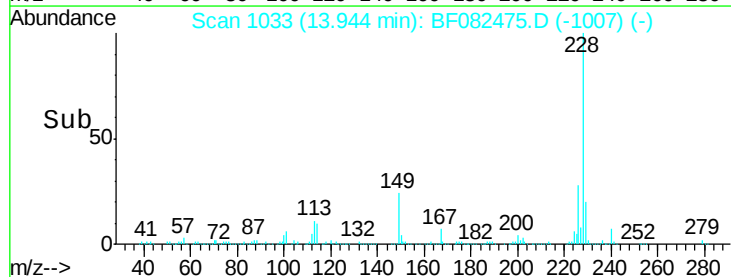
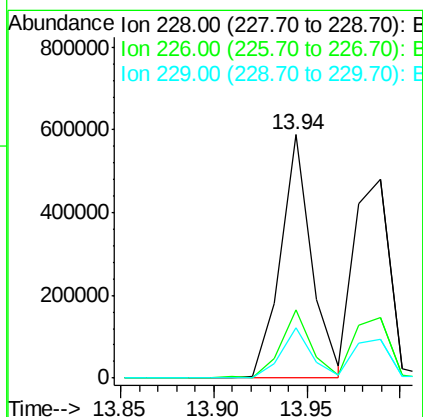
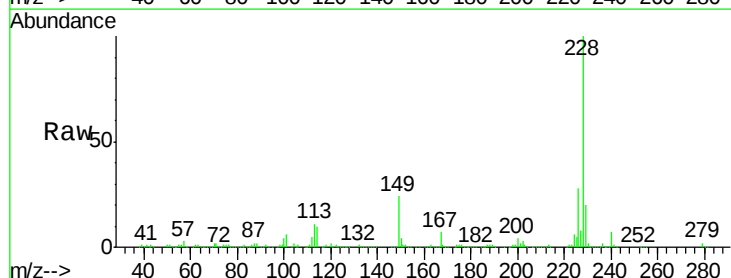
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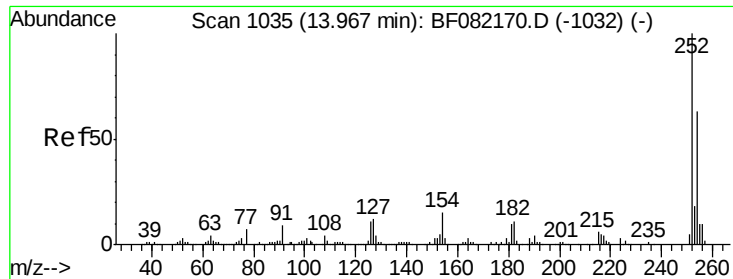
MmDadoda
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#80
Benzo(a)anthracene
Concen: 35.05 ng
RT: 13.94 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	678813		
226	27.9	22.3	33.5	
229	20.5	16.2	24.2	





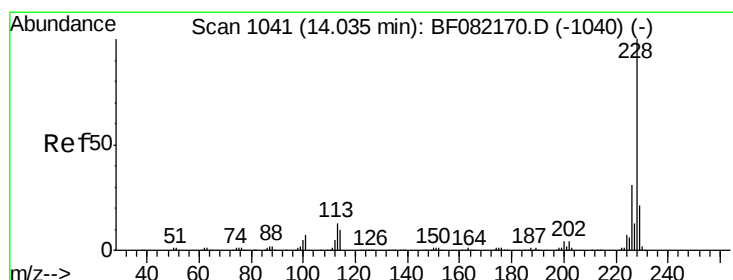
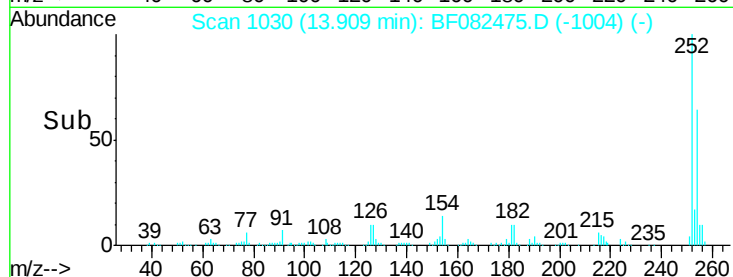
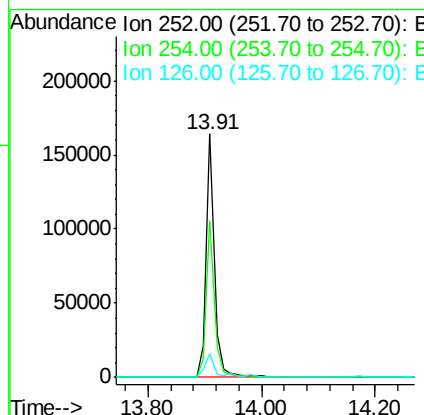
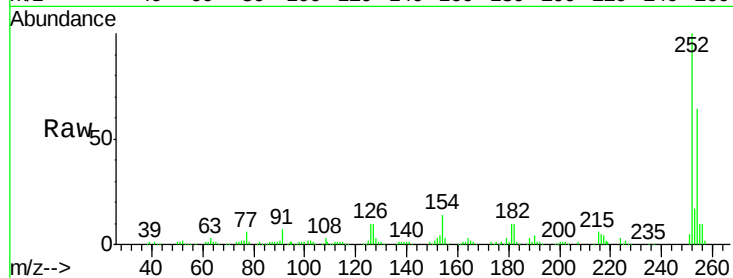
#81
 3,3'-Dichlorobenzidine
 Concen: 21.70 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	50.7	76.1
126	9.8	9.0	13.6

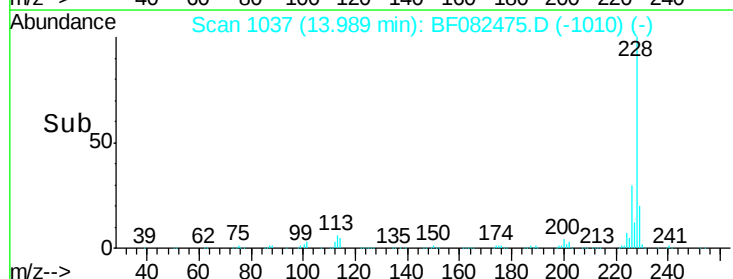
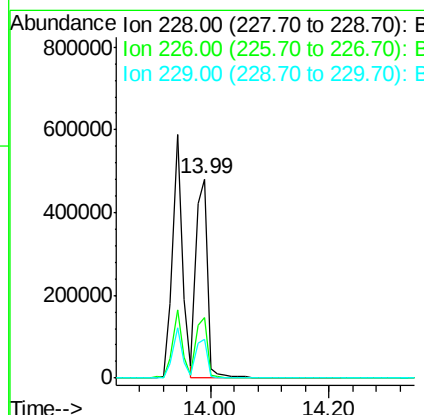
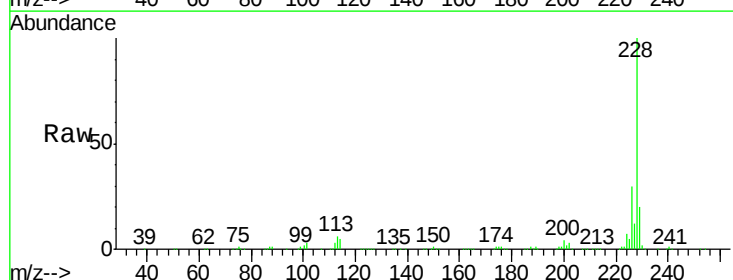
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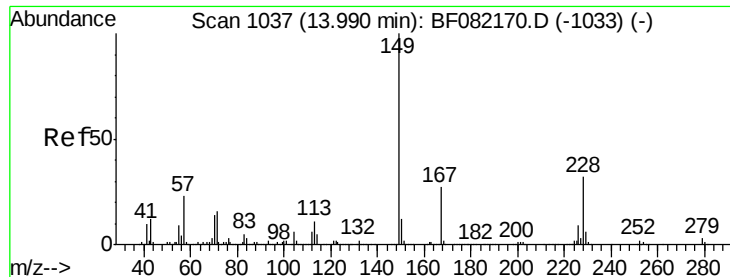
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#82
 Chrysene
 Concen: 32.42 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.4	36.6
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.83 ng

RT: 13.93 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF082475.D

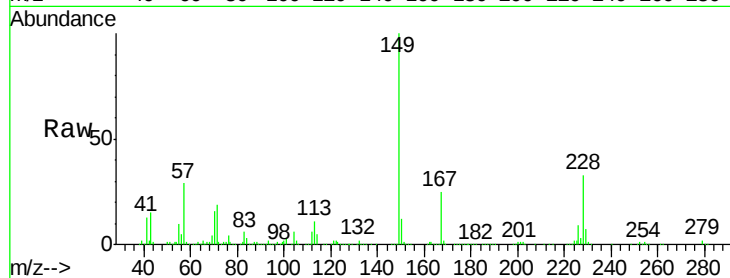
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS



Tgt Ion:149 Resp: 515279

Ion Ratio Lower Upper

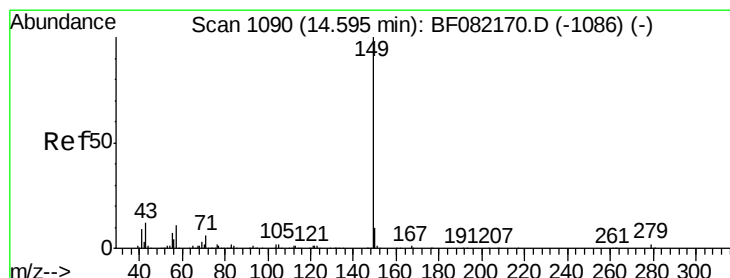
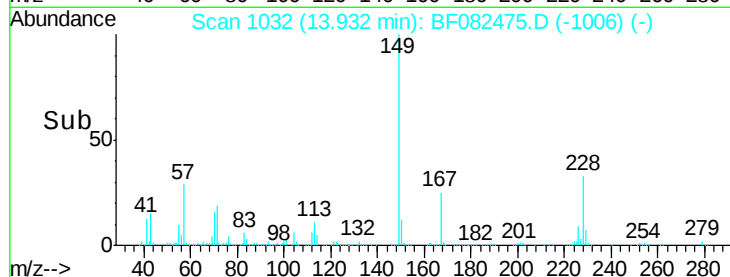
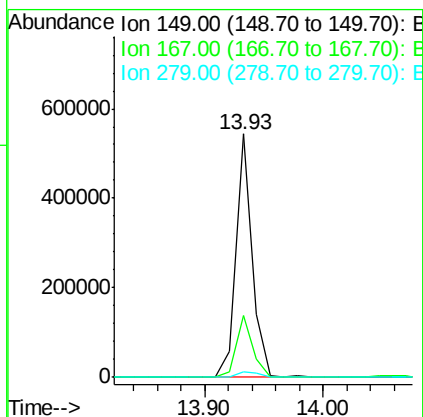
149 100

167 25.4 21.3 31.9

279 2.4 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 36.37 ng

RT: 14.60 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

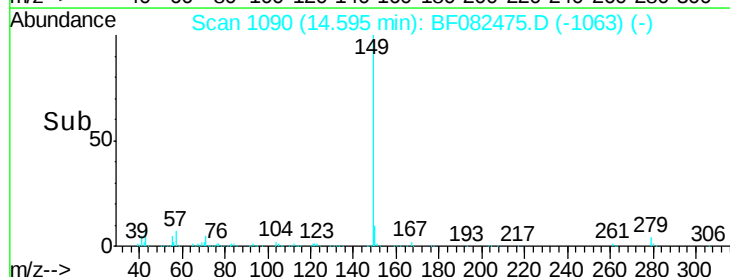
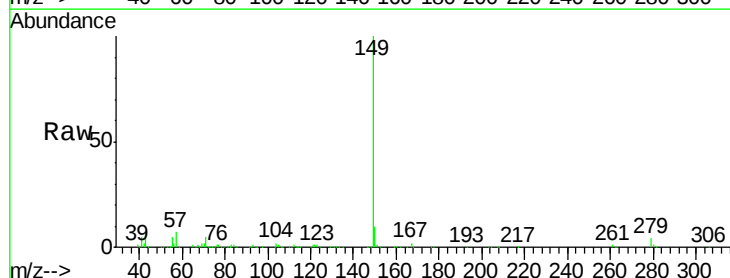
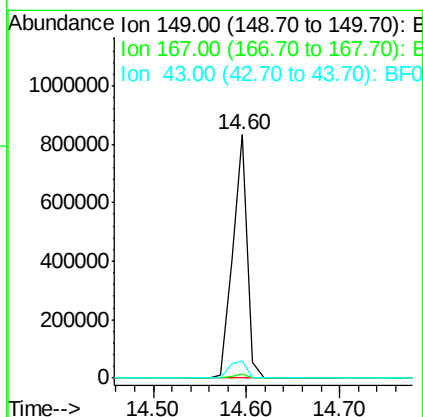
Tgt Ion:149 Resp: 898390

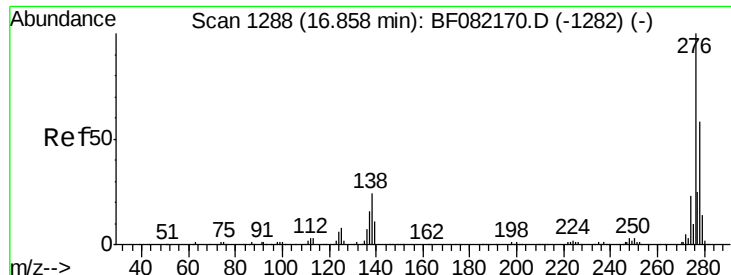
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.1 7.4 11.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.00 ng

RT: 16.82 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF082475.D

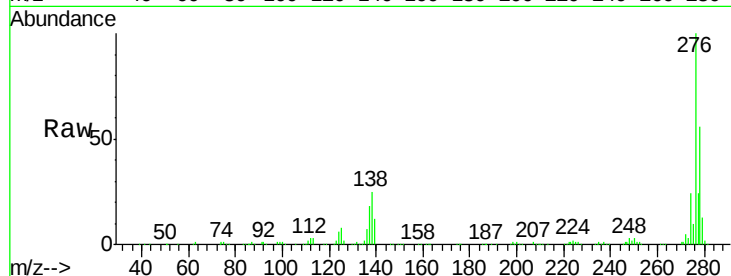
Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

ClientSampleId :

PB86271BS



Tgt Ion: 276 Resp: 567692

Ion Ratio Lower Upper

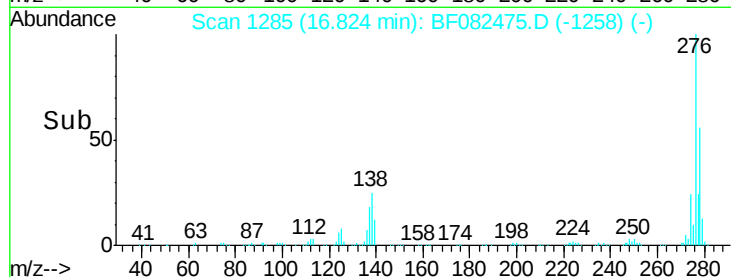
276 100

138 25.8 19.7 29.5

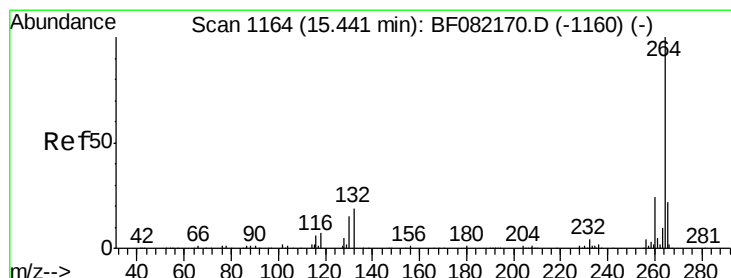
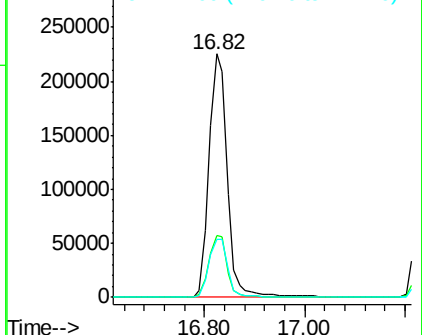
277 25.0 20.1 30.1

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. 0.02 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

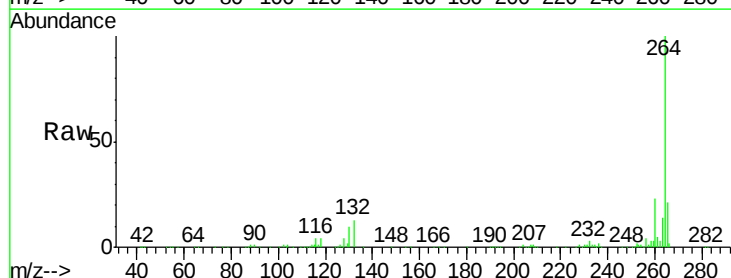
Tgt Ion: 264 Resp: 312793

Ion Ratio Lower Upper

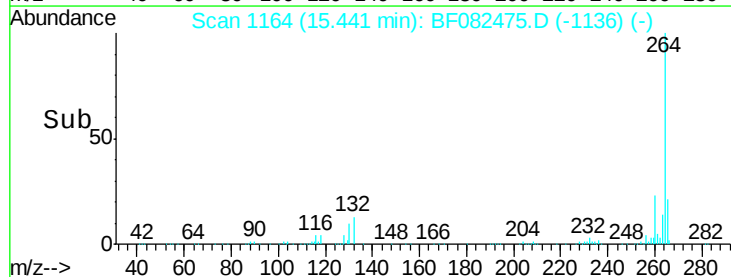
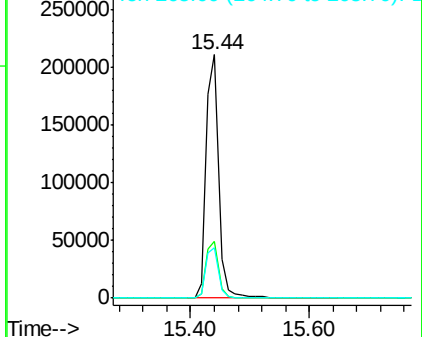
264 100

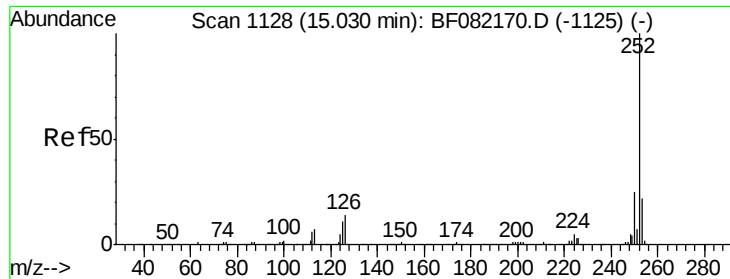
260 23.4 19.0 28.6

265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





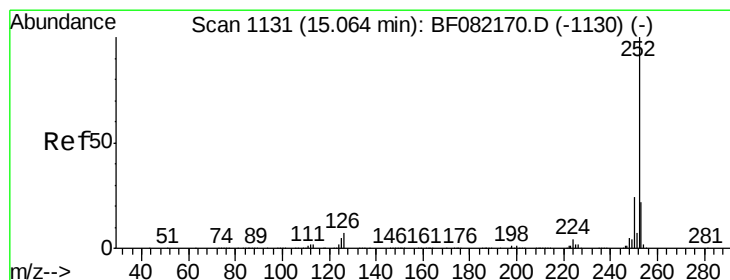
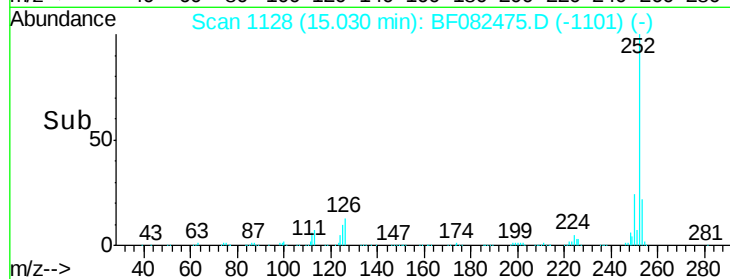
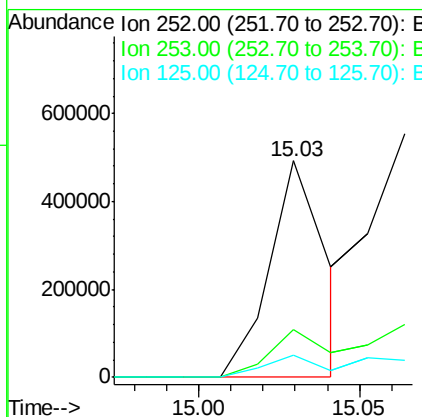
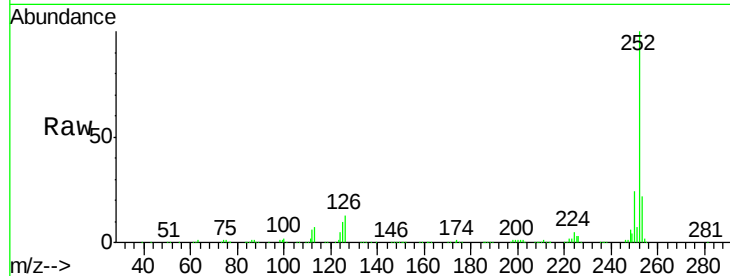
#87
Benzo(b)fluoranthene
Concen: 31.78 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Instrument :
BNA_F
ClientSampleId :
PB86271BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.2	8.6	12.8

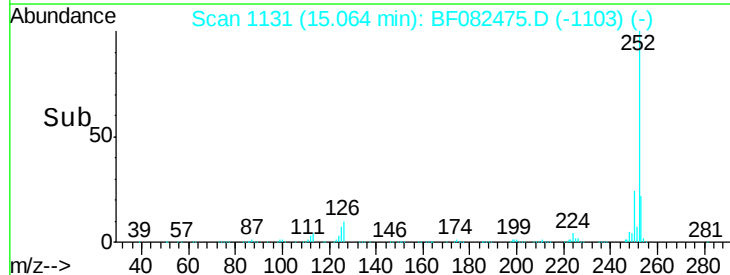
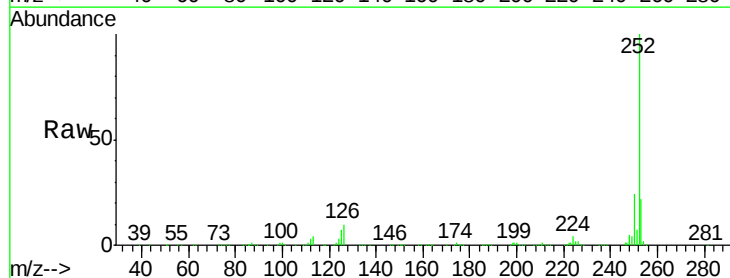
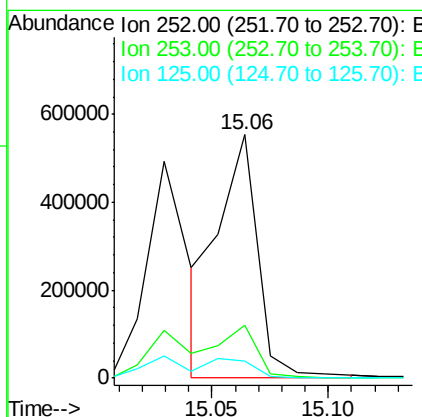
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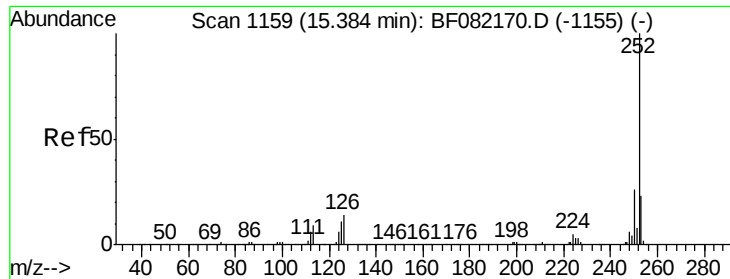
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#88
Benzo(k)fluoranthene
Concen: 41.23 ng m
RT: 15.06 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF082475.D
Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.0	6.7	10.1





#89

Benzo(a)pyrene

Concen: 37.19 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.02 min

Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Instrument :

BNA_F

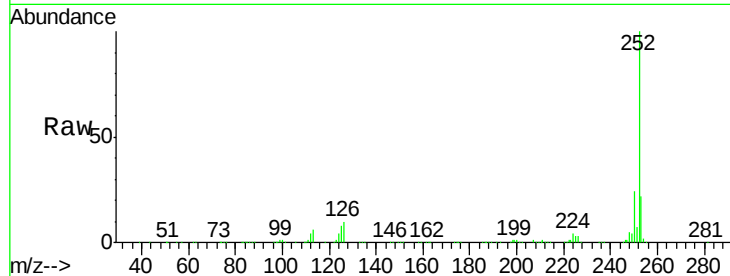
ClientSampleId :

PB86271BS

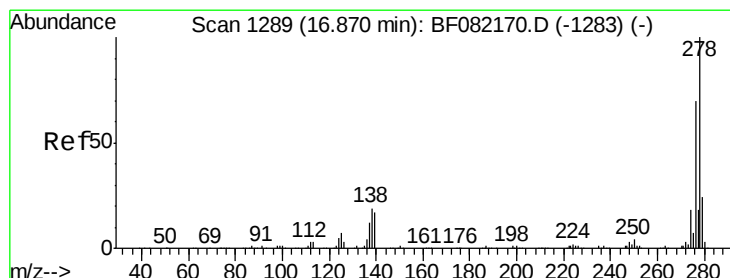
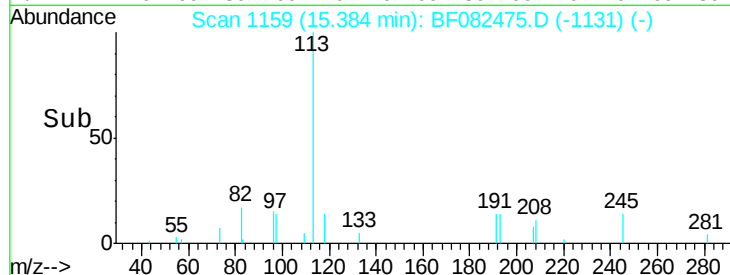
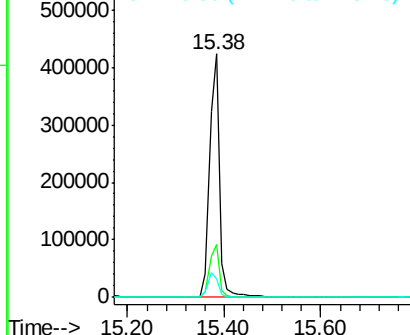
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.7	8.9	13.3#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.93 ng

RT: 16.84 min Scan# 1286

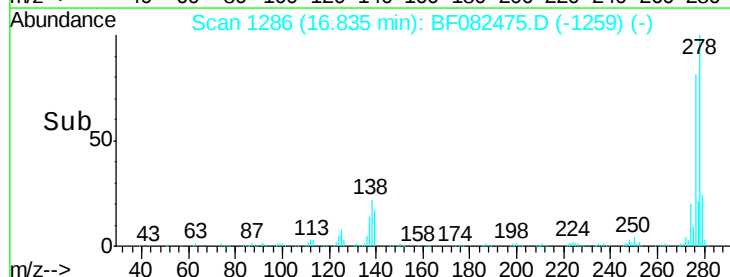
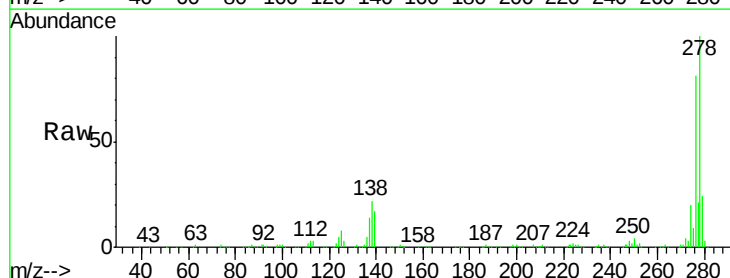
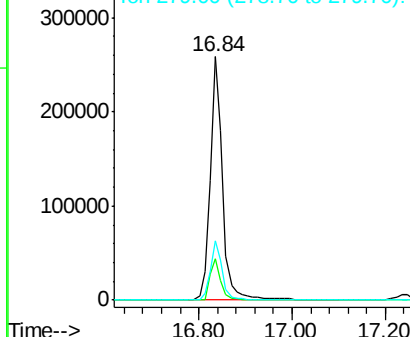
Delta R.T. 0.01 min

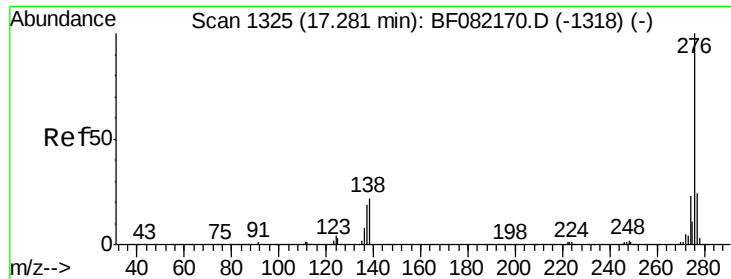
Lab File: BF082475.D

Acq: 23 Oct 2015 19:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.3	19.9
279	24.2	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





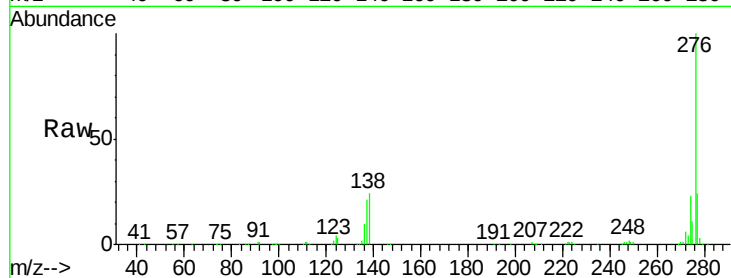
#91
 Benzo(g,h,i)perylene
 Concen: 35.17 ng
 RT: 17.24 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF082475.D
 Acq: 23 Oct 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB86271BS

Tgt Ion:	276	Resp:	457874
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.8	28.2
138	24.4	17.4	26.2

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

