

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082179.D
 Acq On : 10 Oct 2015 16:36
 Operator : UM/IZ
 Sample : PB86017BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:33:12 PM

Quant Time: Oct 12 02:32:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80486	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	329011	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	166930	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	312731	20.00	ng	0.00
75) Chrysene-d12	14.01	240	287309	20.00	ng	0.00
86) Perylene-d12	15.44	264	239591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	514297	128.96	ng	0.01
7) Phenol-d6	6.48	99	713797	137.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	433904	88.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	197673	126.27	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	942356	93.62	ng	0.00
78) Terphenyl-d14	12.96	244	1025008	94.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	68937	34.40	ng	97
3) Pyridine	3.21	79	191756	41.15	ng	100
4) n-Nitrosodimethylamine	3.18	42	78898	39.92	ng	97
6) Aniline	6.50	93	184806	27.62	ng	96
8) 2-Chlorophenol	6.63	128	213543	43.86	ng	99
9) Benzaldehyde	6.39	77	86053	32.47	ng	93
10) Phenol	6.49	94	282174	47.16	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	225252	44.52	ng	96
12) 1,3-Dichlorobenzene	6.78	146	242325	42.74	ng	99
13) 1,4-Dichlorobenzene	6.86	146	251165	42.42	ng	100
14) 1,2-Dichlorobenzene	7.01	146	232350	41.33	ng	97
15) Benzyl Alcohol	6.98	79	158936	44.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	296353	42.06	ng	99
17) 2-Methylphenol	7.10	107	168056	43.65	ng	100
18) Hexachloroethane	7.35	117	86561	42.71	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	144757	39.72	ng	# 88
20) 3+4-Methylphenols	7.26	107	212489	46.32	ng	94
22) Acetophenone	7.26	105	284664	43.74	ng	# 96
24) Nitrobenzene	7.43	77	223018	42.05	ng	94
25) Isophorone	7.67	82	417722	42.24	ng	98
26) 2-Nitrophenol	7.75	139	119347	45.07	ng	93
27) 2,4-Dimethylphenol	7.78	122	192343	45.09	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	248320	43.16	ng	99
29) 2,4-Dichlorophenol	7.99	162	203418	47.70	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	207974	42.31	ng	99
31) Naphthalene	8.15	128	638143	44.74	ng	100
32) Benzoic acid	7.92	122	125098	43.69	ng	98
33) 4-Chloroaniline	8.21	127	92484	15.61	ng	96
34) Hexachlorobutadiene	8.26	225	131848	43.05	ng	97
35) Caprolactam	8.57	113	56800m	45.89	ng	
36) 4-Chloro-3-methylphenol	8.69	107	193180	46.32	ng	99
37) 2-Methylnaphthalene	8.85	142	437619	44.26	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	209922	42.28	ng	98
40) Hexachlorocyclopentadiene	8.99	237	228532	89.82	ng	100

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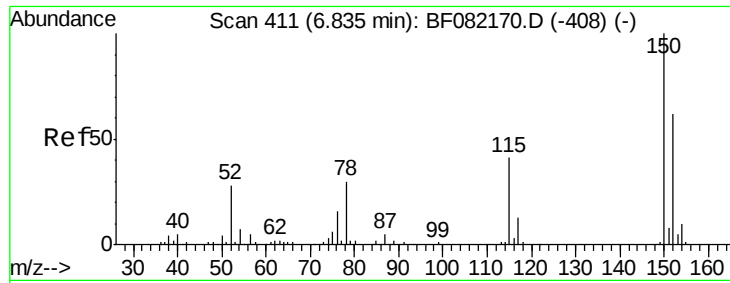
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137369	41.65	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	161891	45.32	ng	98
45) 1,1'-Biphenyl	9.30	154	514875	40.45	ng	98
46) 2-Chloronaphthalene	9.33	162	422596	42.17	ng	# 92
47) 2-Nitroaniline	9.43	65	116035	42.18	ng	99
48) Acenaphthylene	9.75	152	689058	44.14	ng	99
49) Dimethylphthalate	9.61	163	499728	42.51	ng	100
50) 2,6-Dinitrotoluene	9.68	165	115960	46.75	ng	# 85
51) Acenaphthene	9.92	154	403848	43.09	ng	99
52) 3-Nitroaniline	9.85	138	56579	20.20	ng	95
53) 2,4-Dinitrophenol	9.95	184	125590	89.77	ng	# 90
54) Dibenzofuran	10.09	168	601226	46.73	ng	99
55) 4-Nitrophenol	10.01	139	141997	75.17	ng	86
56) 2,4-Dinitrotoluene	10.08	165	144155	46.50	ng	98
57) Fluorene	10.43	166	480420	45.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	126337	43.28	ng	99
59) Diethylphthalate	10.31	149	476190	43.46	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	211954	43.79	ng	97
61) 4-Nitroaniline	10.47	138	114095	41.99	ng	96
62) Azobenzene	10.58	77	475622	44.35	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84236	48.00	ng	89
65) n-Nitrosodiphenylamine	10.55	169	418620	44.71	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	140387	44.86	ng	97
67) Hexachlorobenzene	10.98	284	149397	44.14	ng	98
68) Atrazine	11.07	200	119156	40.17	ng	98
69) Pentachlorophenol	11.18	266	172488	99.03	ng	97
70) Phenanthrene	11.39	178	675717	44.08	ng	100
71) Anthracene	11.45	178	747070	47.30	ng	100
72) Carbazole	11.60	167	626257	43.46	ng	100
73) Di-n-butylphthalate	11.93	149	801217	45.07	ng	100
74) Fluoranthene	12.58	202	760943	46.22	ng	100
76) Benzidine	12.71	184	162473	19.51	ng	99
77) Pyrene	12.81	202	766844	44.97	ng	99
79) Butylbenzylphthalate	13.43	149	338344	43.48	ng	99
80) Benzo(a)anthracene	14.00	228	681038	45.56	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	178728	31.50	ng	99
82) Chrysene	14.04	228	597182	37.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	496290	44.71	ng	99
84) Di-n-octyl phthalate	14.60	149	800437	41.98	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	562062	44.89	ng	99
87) Benzo(b)fluoranthene	15.03	252	745908m	51.17	ng	
88) Benzo(k)fluoranthene	15.06	252	468408m	38.23	ng	
89) Benzo(a)pyrene	15.38	252	574785	45.88	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	472192	46.00	ng	99
91) Benzo(g,h,i)perylene	17.28	276	453075	45.43	ng	99

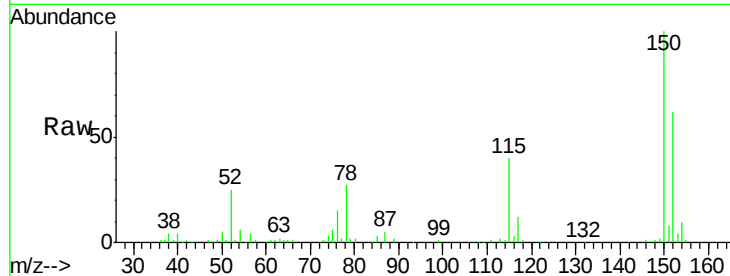
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

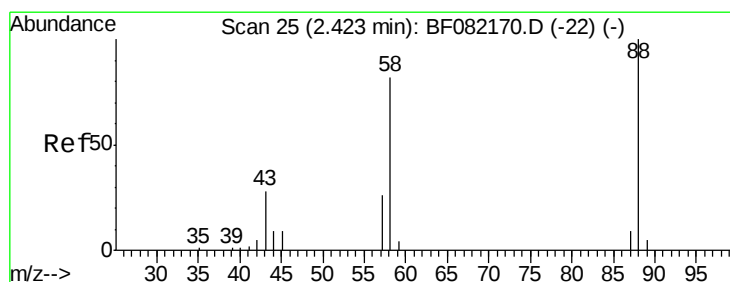
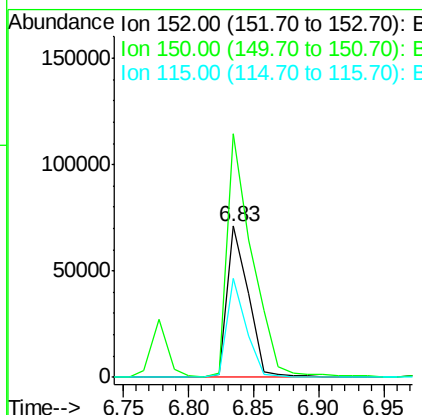
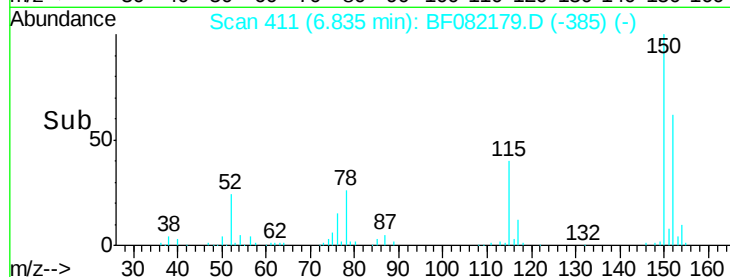
Instrument :
BNA_F
ClientSampleId :
PB86017BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.9	129.0	193.4
115	65.1	52.1	78.1

Manual Integrations
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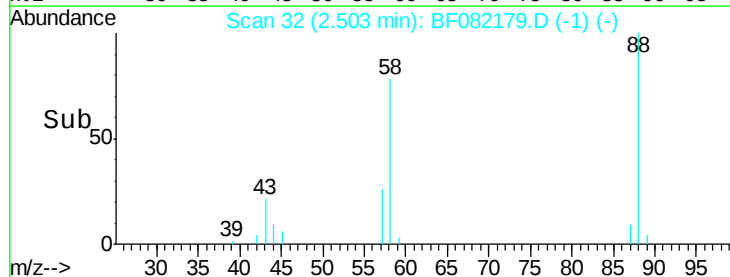
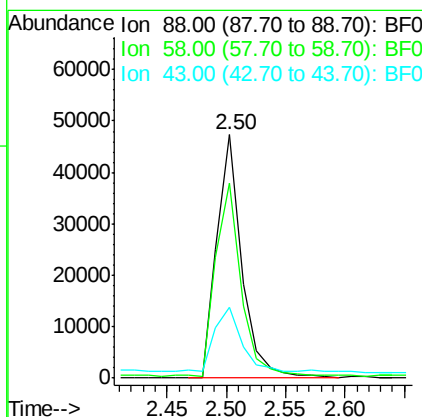
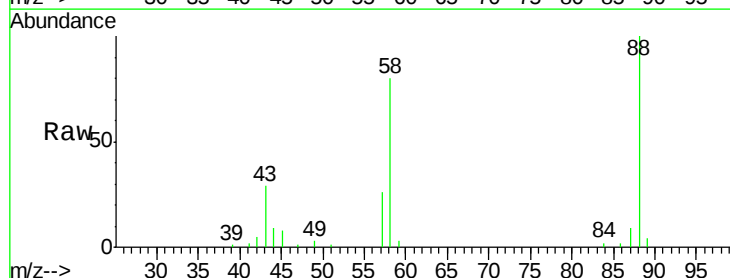
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10/12/2015 2:33:12 PM

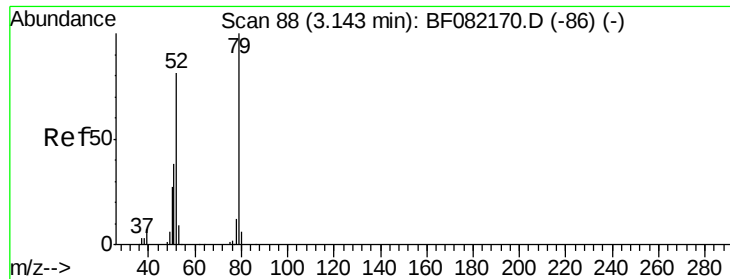


#2

1,4-Dioxane
Concen: 34.40 ng
RT: 2.50 min Scan# 32
Delta R.T. 0.08 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	66.2	99.4
43	33.0	23.0	34.4





#3

Pyridine

Concen: 41.15 ng

RT: 3.21 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

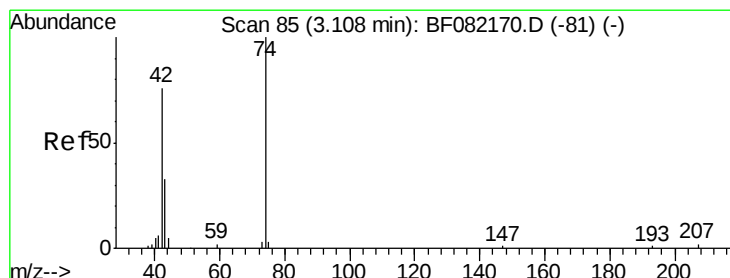
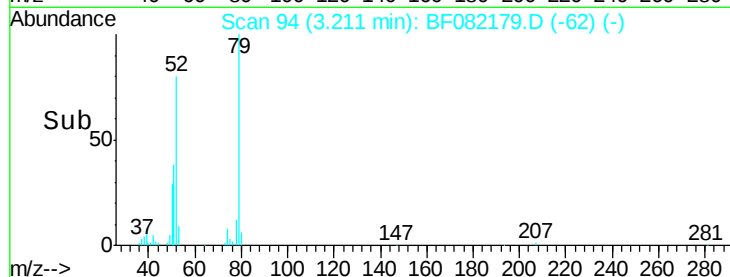
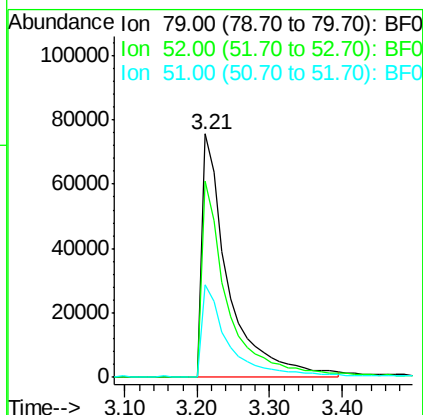
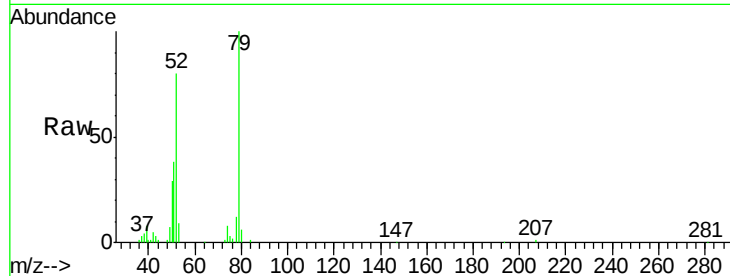
ClientSampleId :

PB86017BSD

Tgt Ion:	79	Resp:	191756
Ion Ratio	Lower	Upper	
79	100		
52	80.4	64.4	96.6
51	37.9	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.92 ng

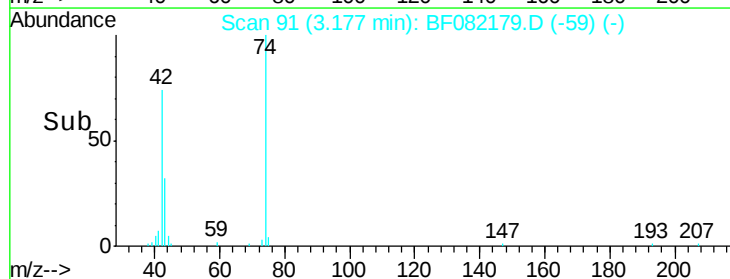
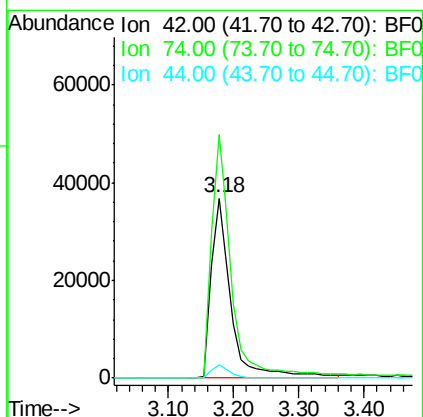
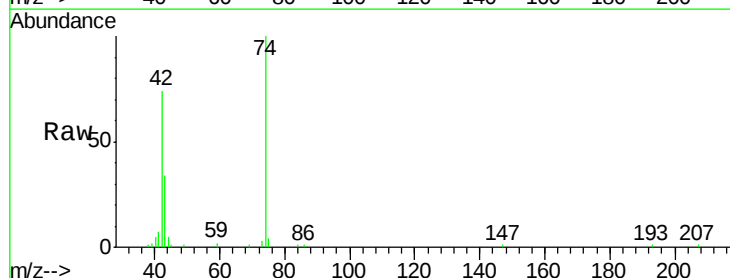
RT: 3.18 min Scan# 91

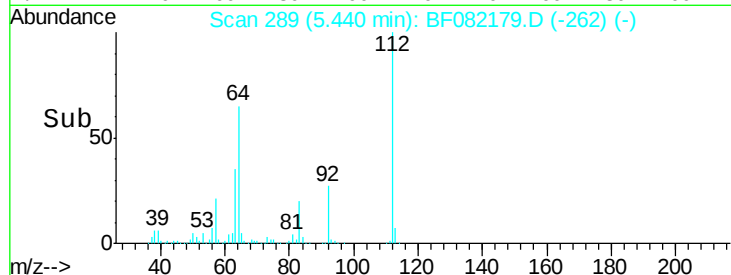
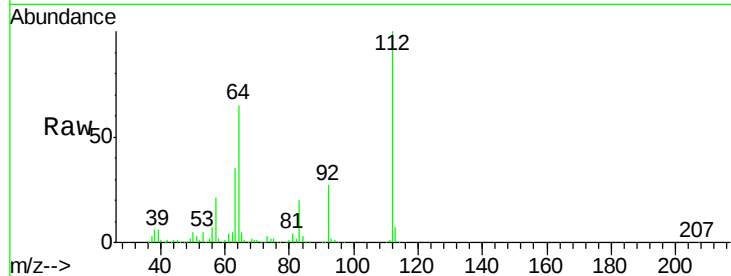
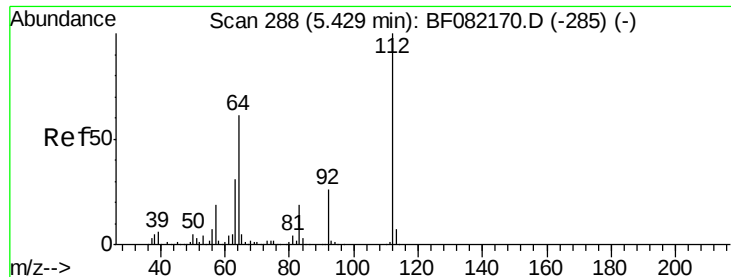
Delta R.T. 0.07 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:	42	Resp:	78898
Ion Ratio	Lower	Upper	
42	100		
74	135.4	105.7	158.5
44	7.3	5.4	8.2





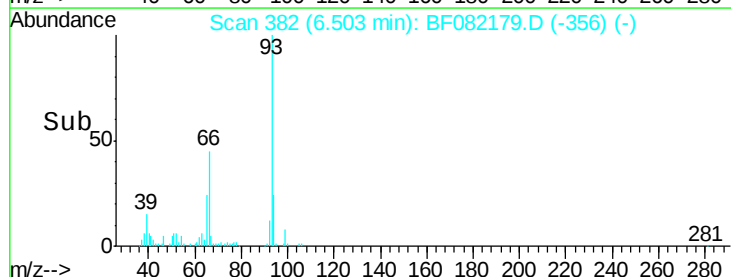
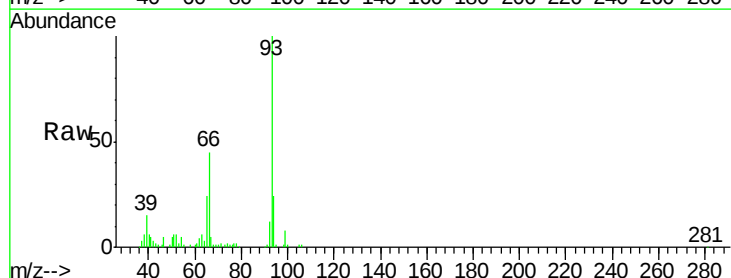
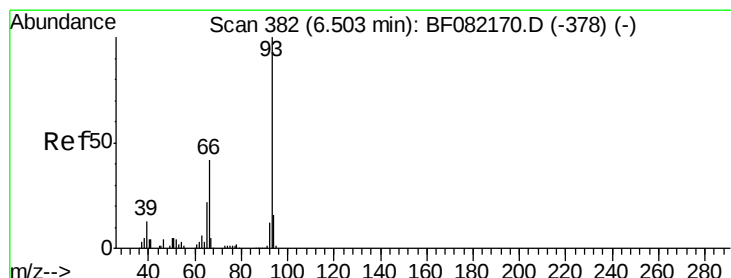
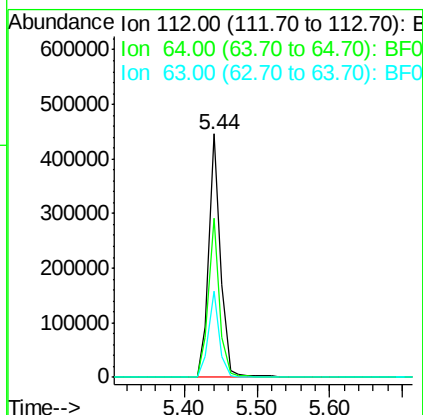
#5
2-Fluorophenol
Concen: 128.96 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	514297		
64	65.2	48.6	73.0	
63	35.2	25.1	37.7	

Instrument :
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ClientSampleId :
PB86017BSD

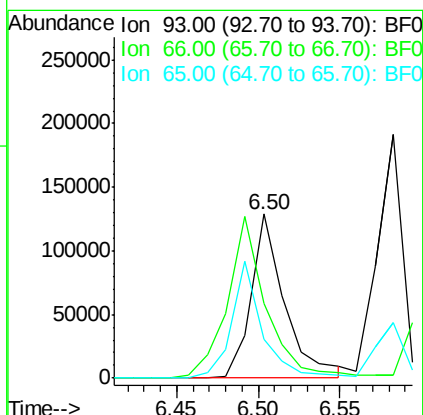
Manual Integrations
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10/12/2015 2:33:12 PM



#6
Aniline
Concen: 27.62 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184806		
66	45.3	34.2	51.2	
65	23.6	17.9	26.9	





#7

Phenol-d6

Concen: 137.54 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082179.D

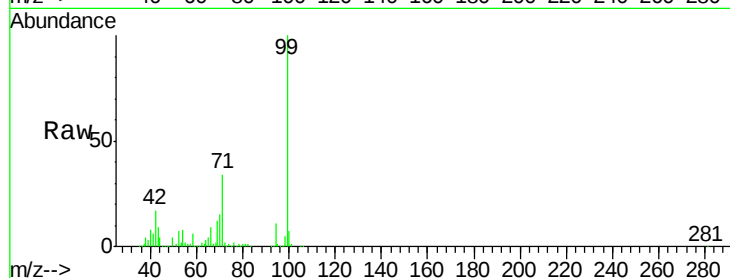
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Instrument :

BNA_F

ClientSampleId :

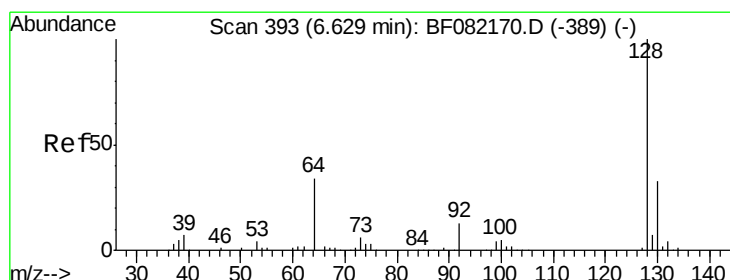
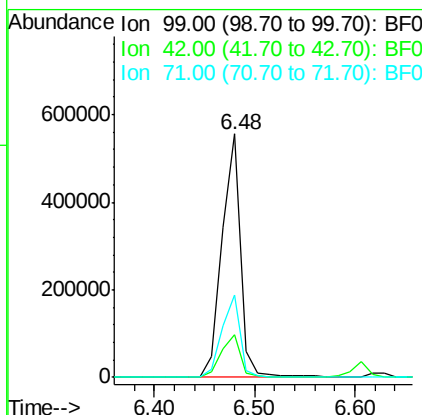
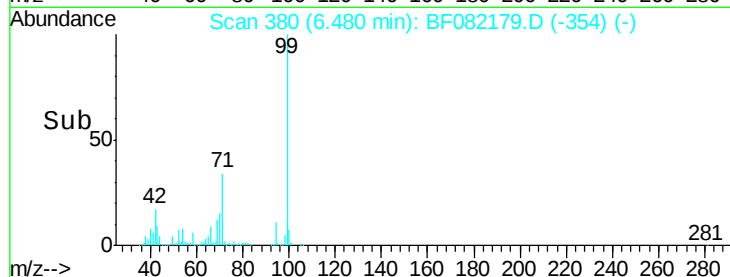
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Tgt Ion:	99	Resp:	713797
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.2	19.8
71	33.6	25.6	38.4

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#8

2-Chlorophenol

Concen: 43.86 ng

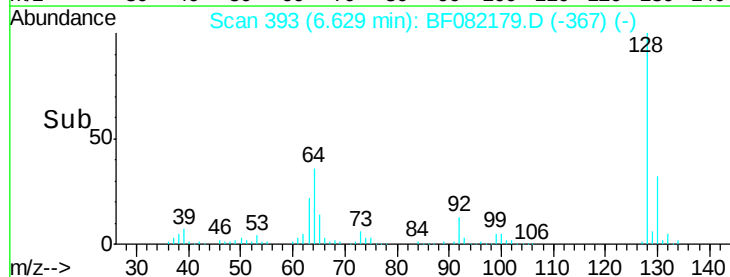
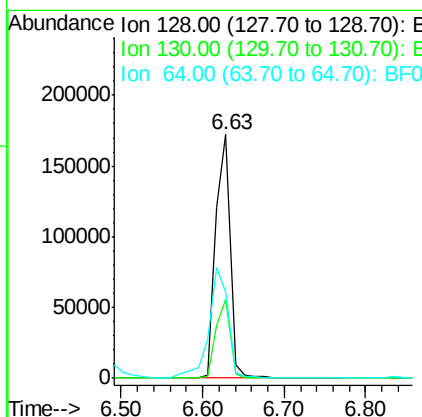
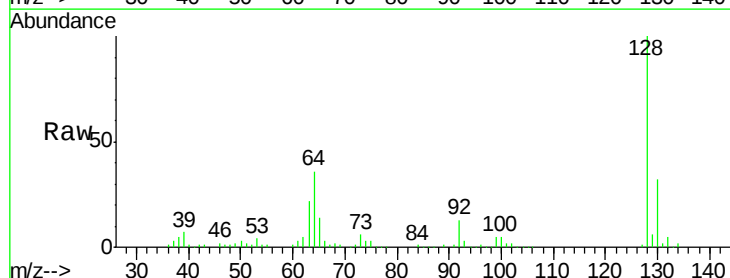
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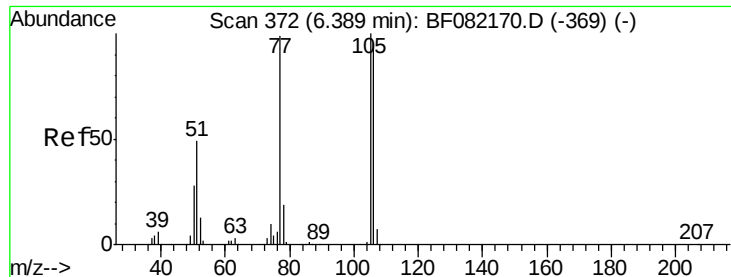
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:	128	Resp:	213543
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	35.5	16.7	56.7





#9

Benzaldehyde

Concen: 32.47 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

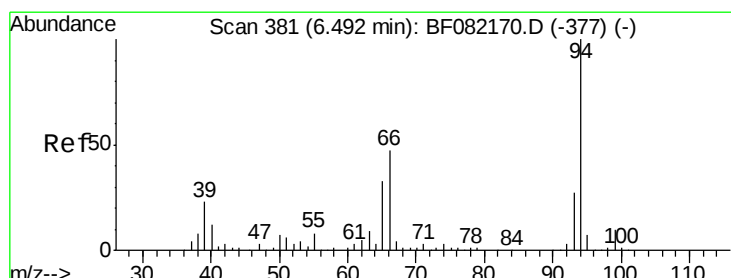
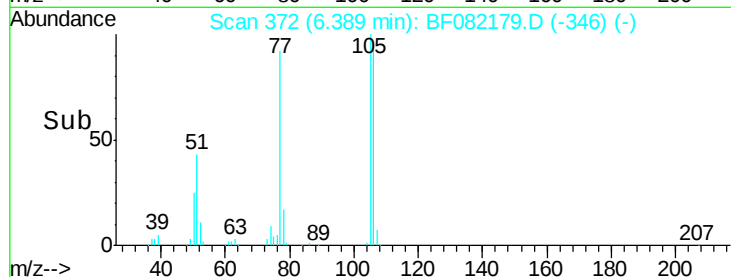
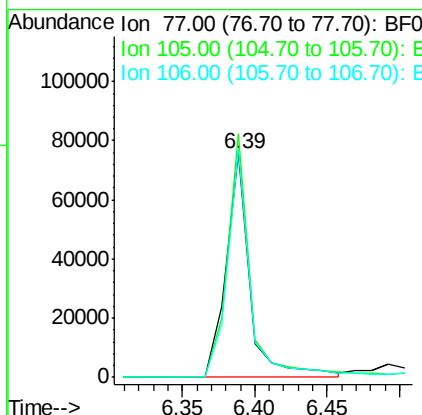
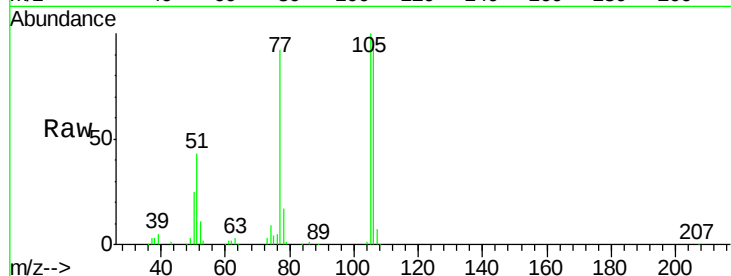
ClientSampleId :

PB86017BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	108.7	80.6	120.6
106	101.8	75.5	115.5

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#10

Phenol

Concen: 47.16 ng

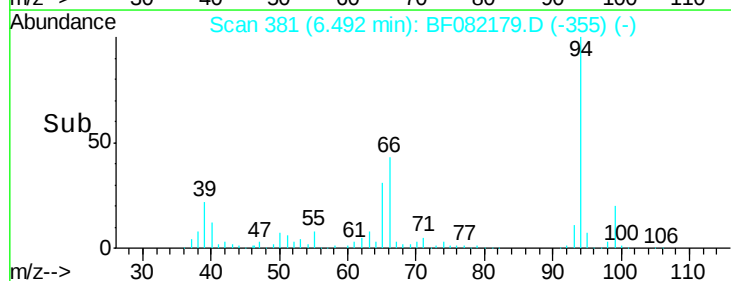
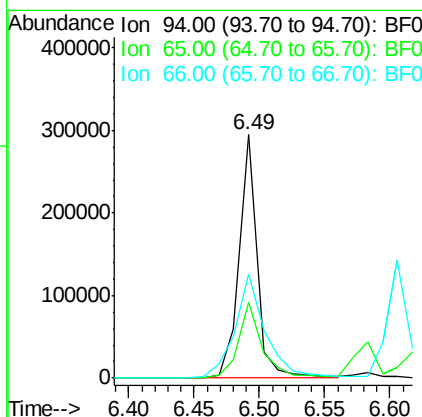
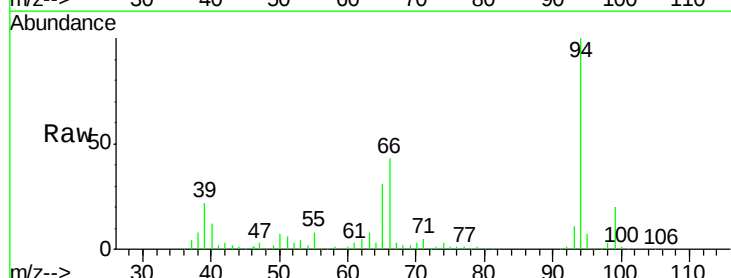
RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	12.6	52.6
66	43.0	27.3	67.3





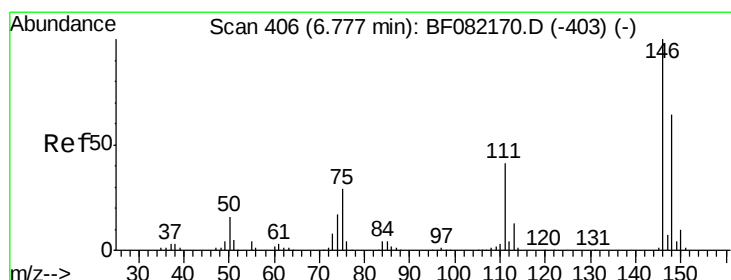
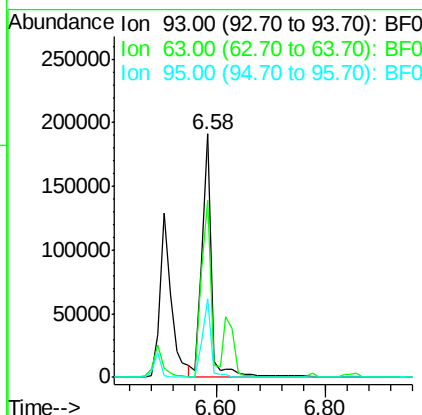
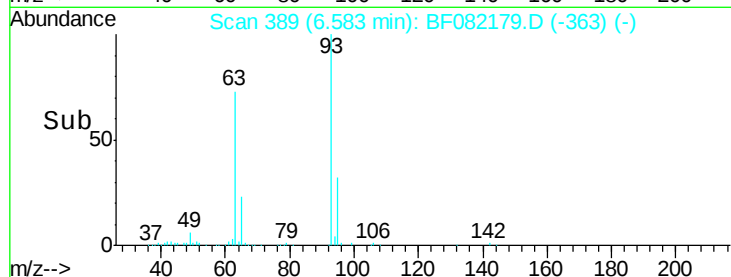
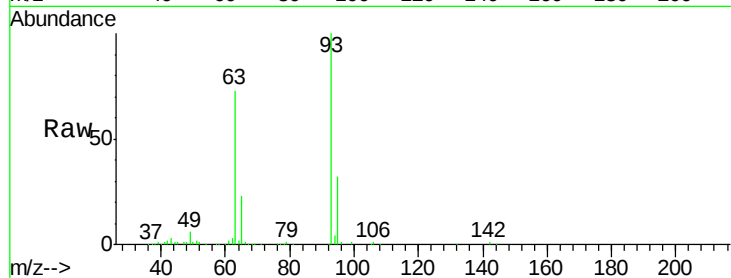
#11
bis(2-Chloroethyl)ether
Concen: 44.52 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	72.7	57.1	97.1
95	32.3	11.9	51.9

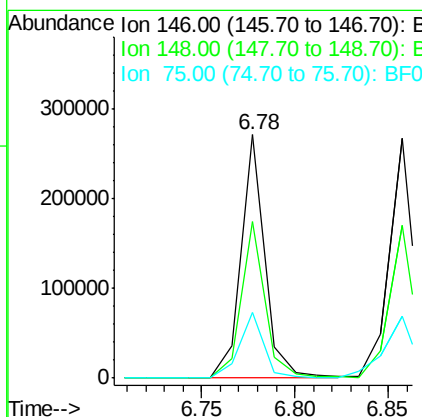
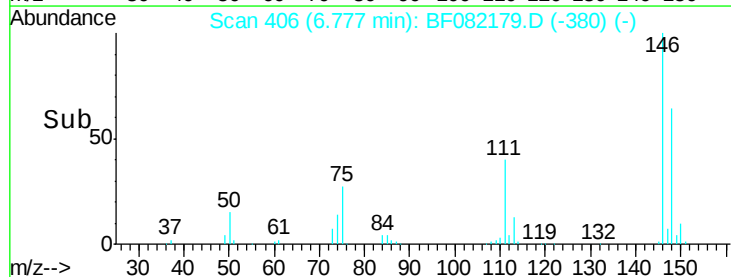
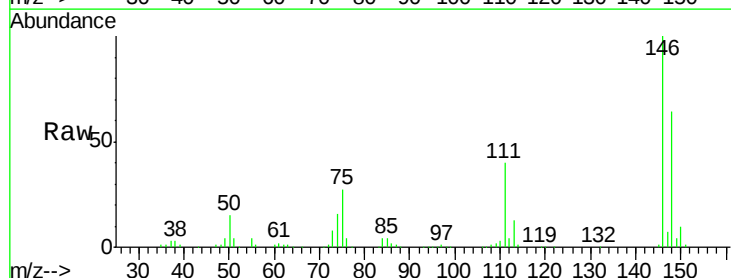
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 42.74 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.3	51.4	77.2
75	27.2	23.0	34.6





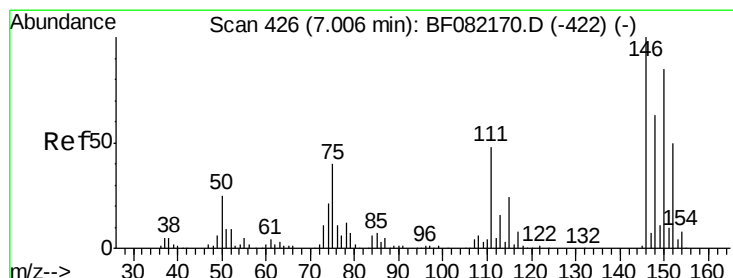
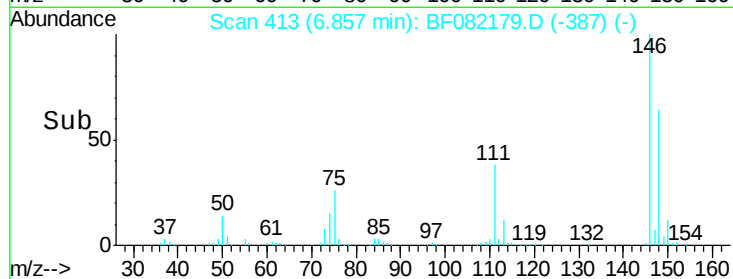
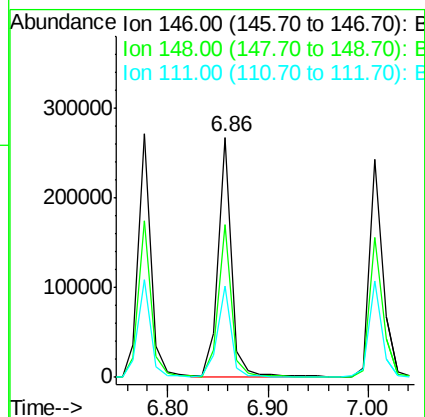
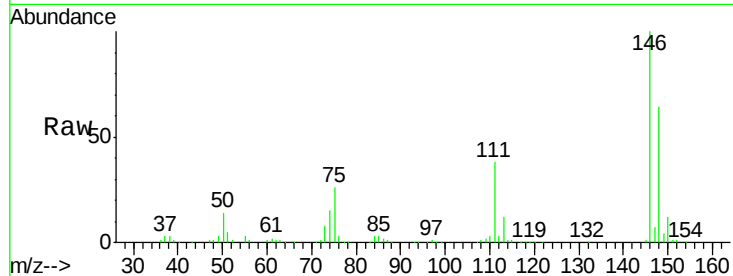
#13
1,4-Dichlorobenzene
Concen: 42.42 ng
RT: 6.86 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	251165		
148	63.8	51.0	76.4	
111	38.2	31.1	46.7	

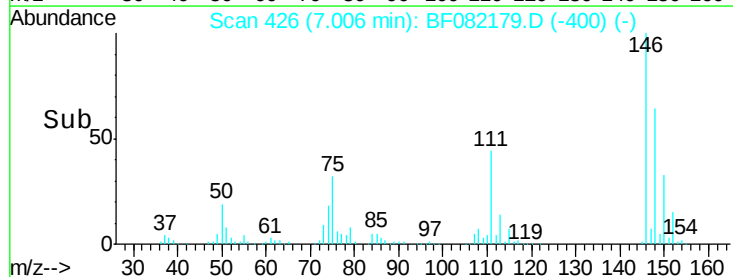
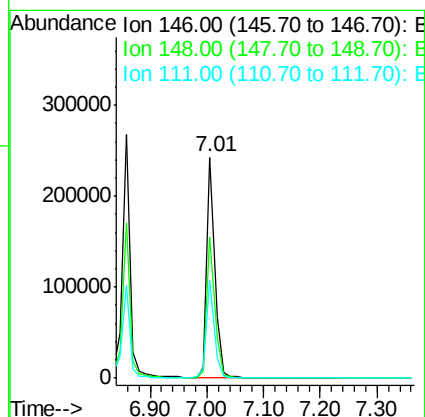
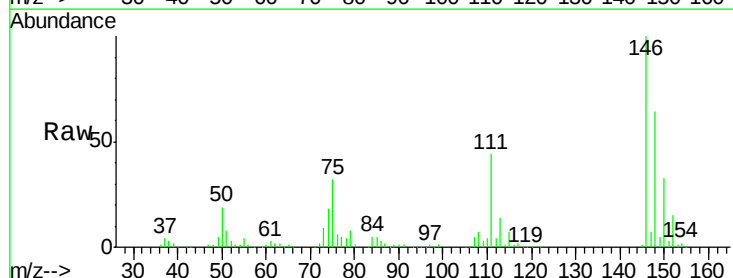
Manual Integrations
APPROVED

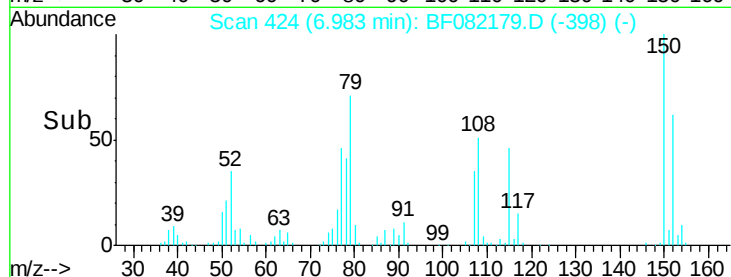
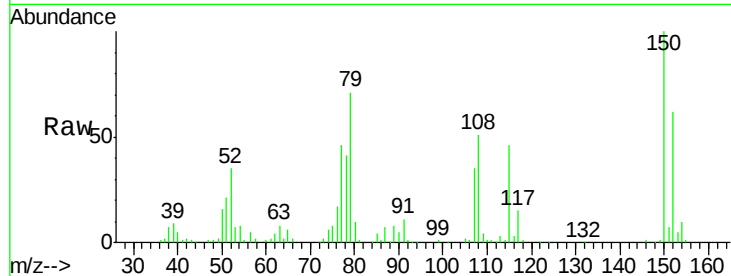
MMDadoda
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#14
1,2-Dichlorobenzene
Concen: 41.33 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232350		
148	64.0	50.5	75.7	
111	44.1	38.5	57.7	





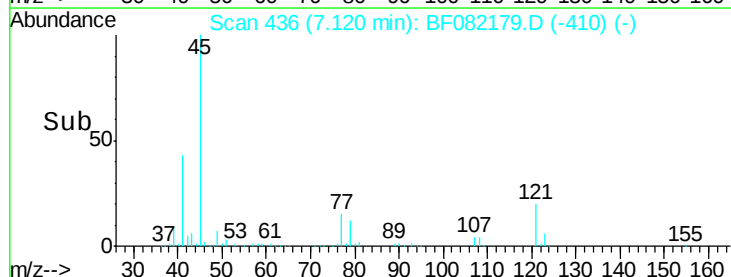
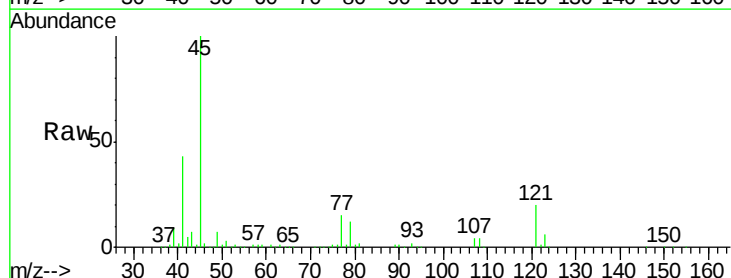
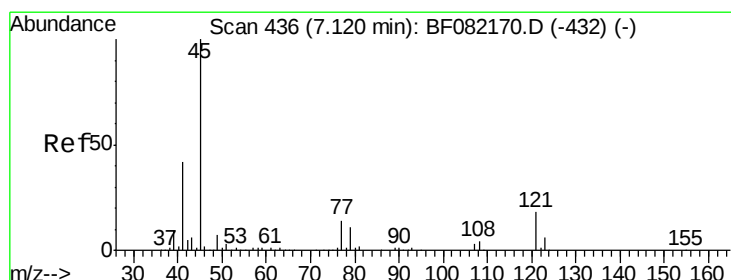
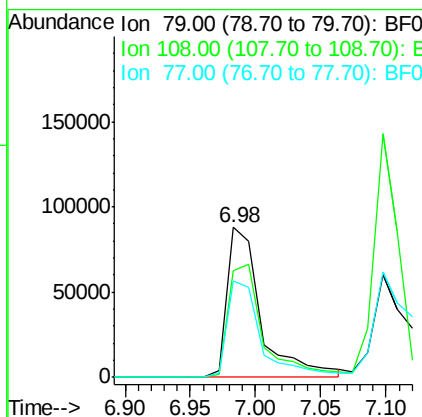
#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 79 Resp: 158936
Ion Ratio Lower Upper
79 100
108 71.1 58.4 87.6
77 64.4 49.8 74.6

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

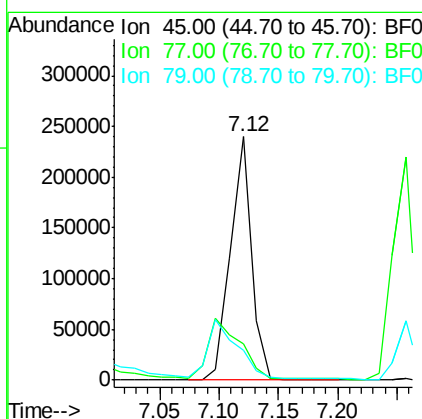
Manual Integrations
APPROVED

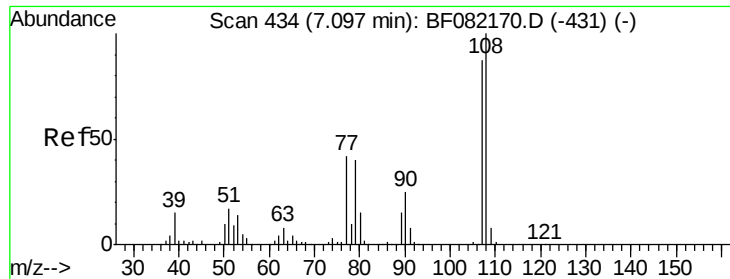
MMDadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.06 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion: 45 Resp: 296353
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.5
79 12.0 0.0 31.6





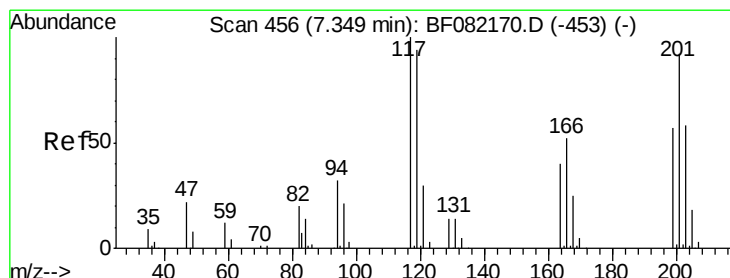
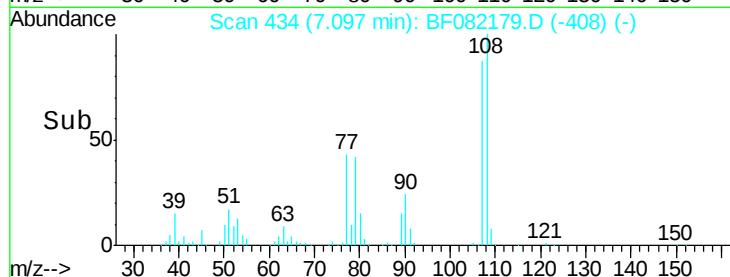
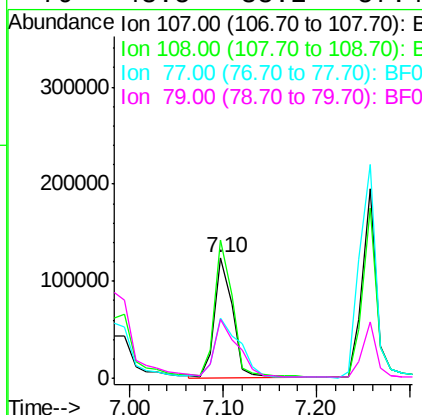
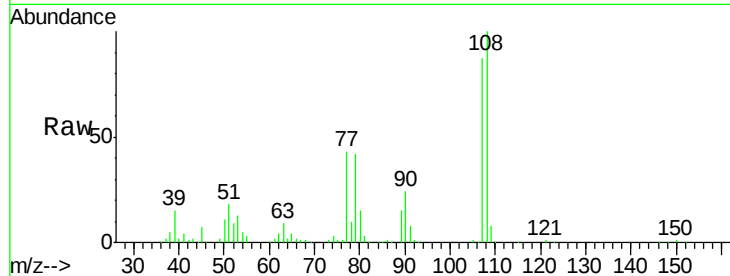
#17
2-Methylphenol
Concen: 43.65 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion:	107	Resp:	168056
Ion Ratio	Lower	Upper	
107	100		
108	115.1	92.2	138.2
77	49.6	39.6	59.4
79	48.5	38.2	57.4

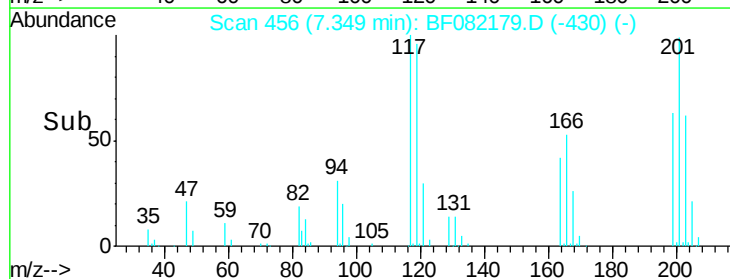
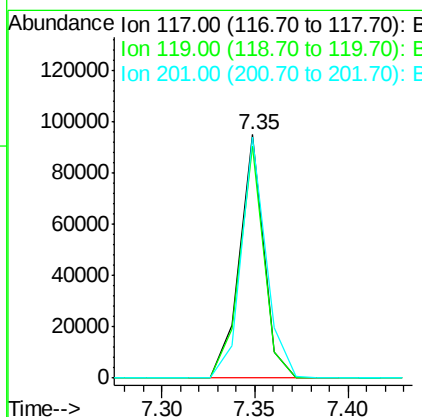
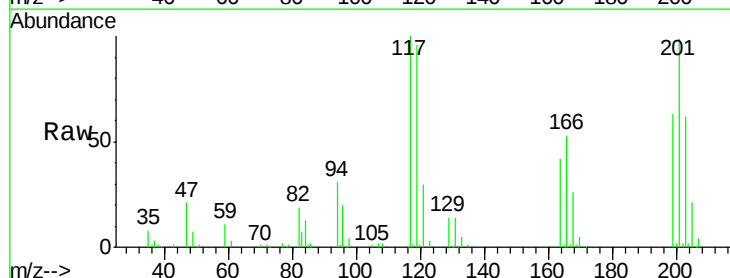
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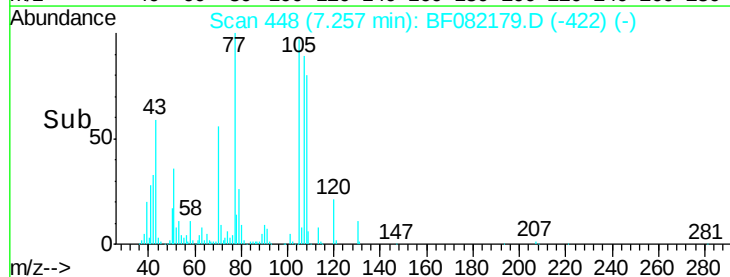
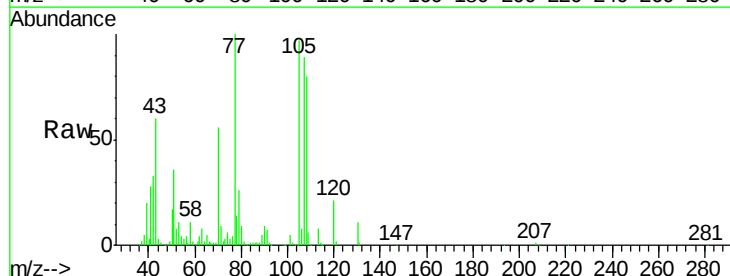
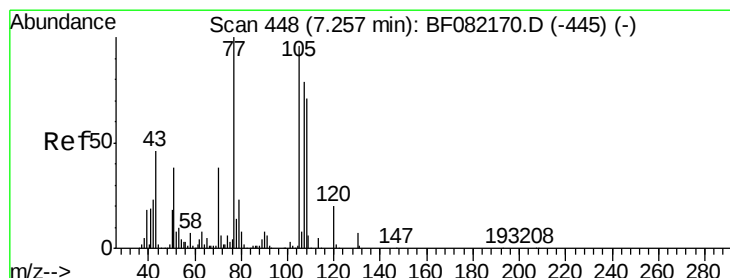
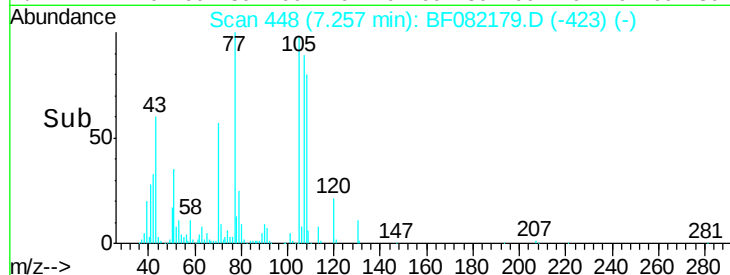
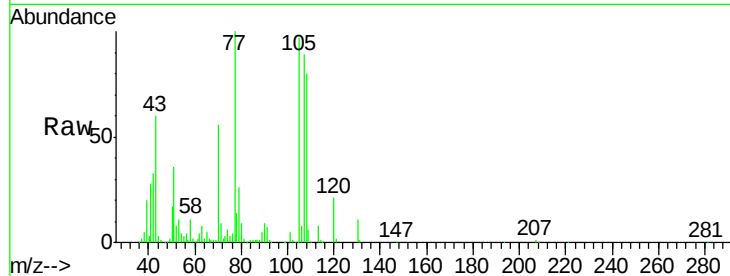
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#18
Hexachloroethane
Concen: 42.71 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion:	117	Resp:	86561
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.4	113.2
201	98.9	73.4	110.0





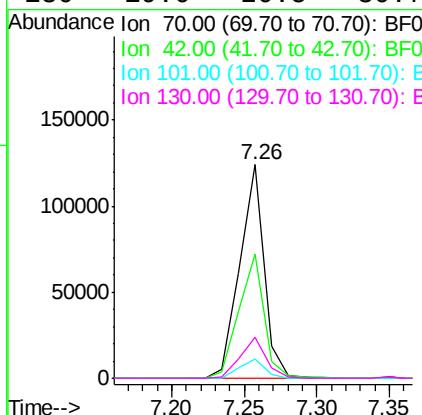
#19
n-Nitroso-di-n-propylamine
Concen: 39.72 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.3	39.8	59.8
101	9.2	8.6	13.0
130	19.0	20.5	30.7#

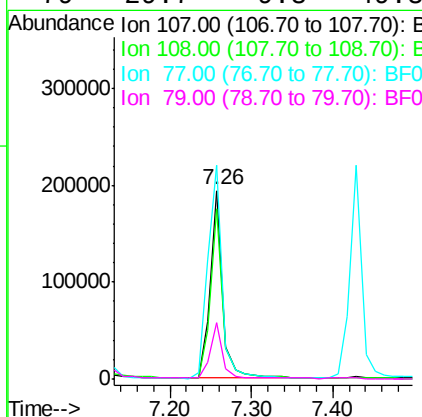
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.32 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	112.9	106.0	146.0
79	29.7	9.8	49.8





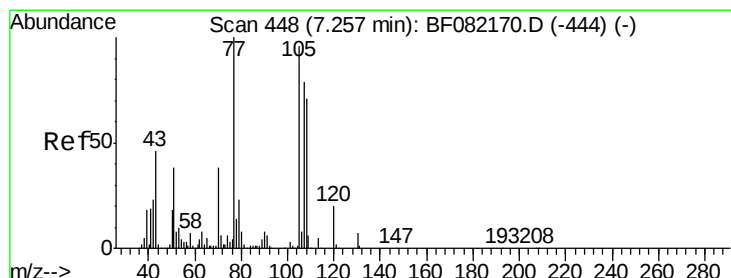
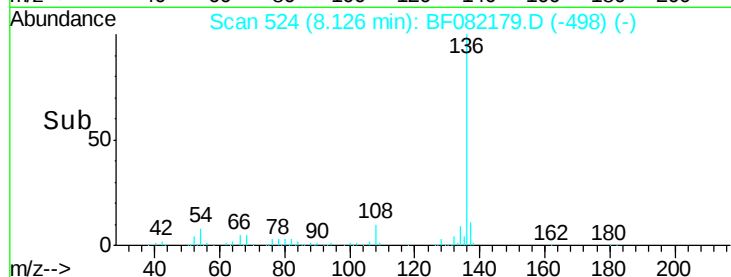
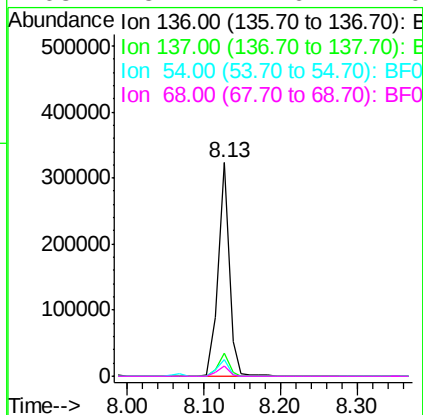
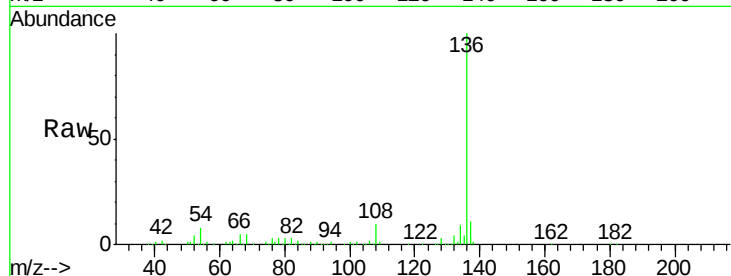
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		329011		
137	10.9		9.0	13.6	
54	8.1		7.5	11.3	
68	5.1		4.6	7.0	

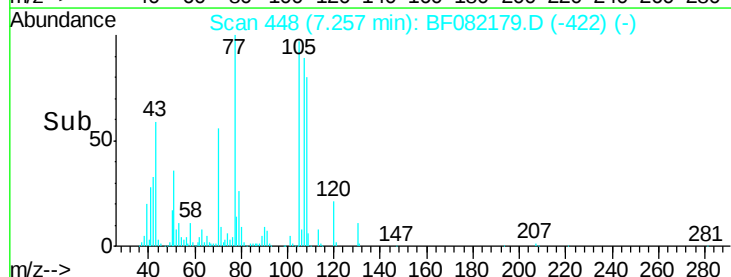
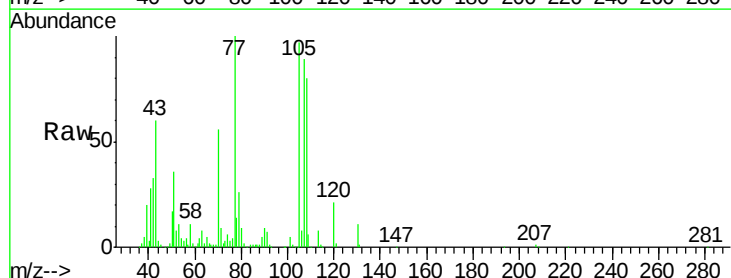
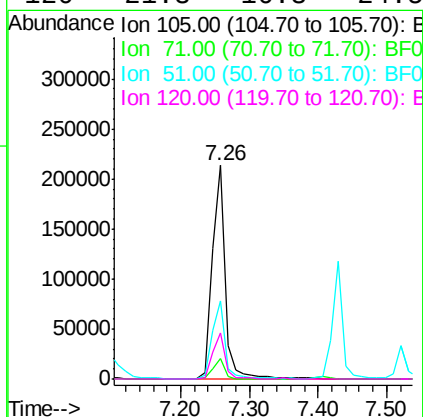
Manual Integrations
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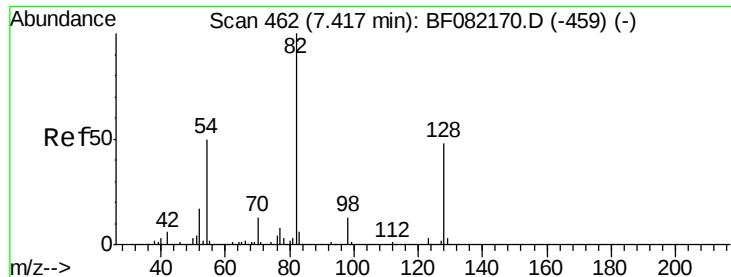
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#22
Acetophenone
Concen: 43.74 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		284664		
71	9.6		5.4	8.0#	
51	36.9		31.8	47.6	
120	21.3		16.3	24.5	





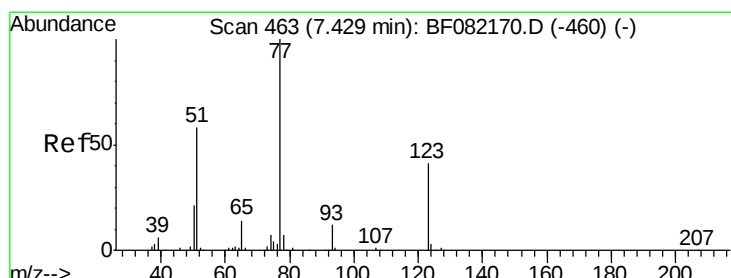
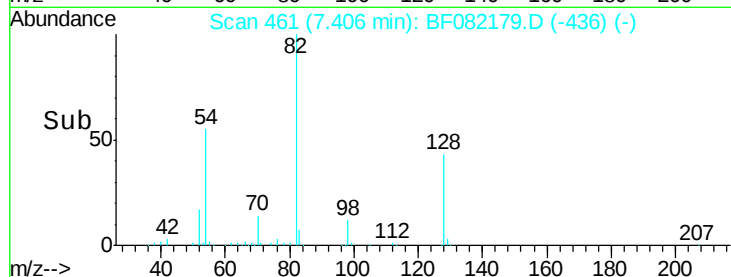
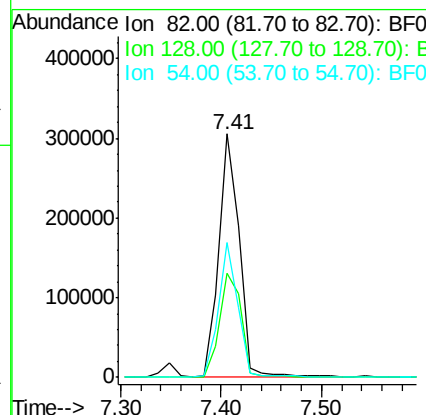
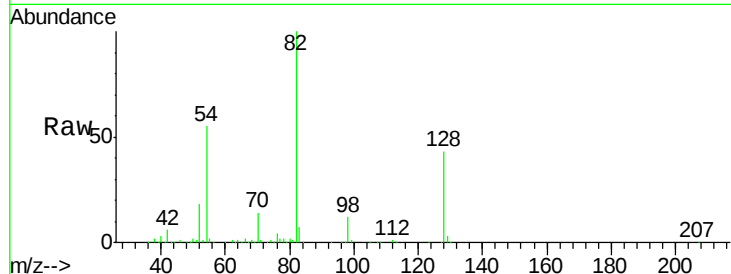
#23
Nitrobenzene-d5
Concen: 88.56 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	38.7	58.1
54	55.1	40.1	60.1

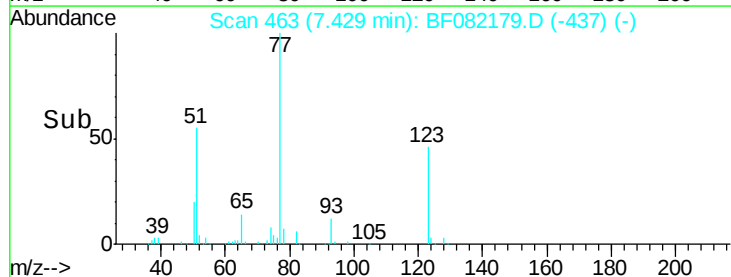
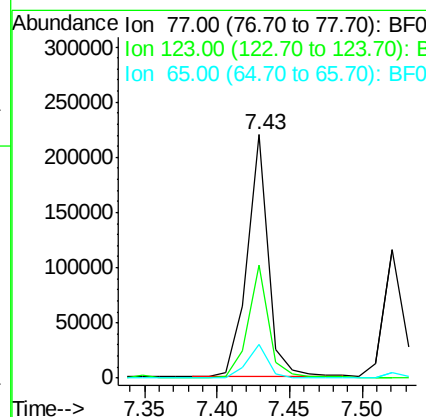
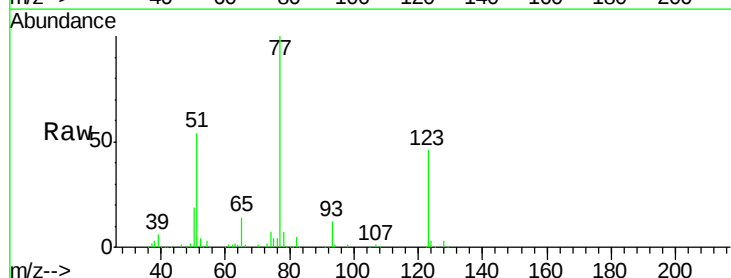
Manual Integrations
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#24
Nitrobenzene
Concen: 42.05 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 42.24 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

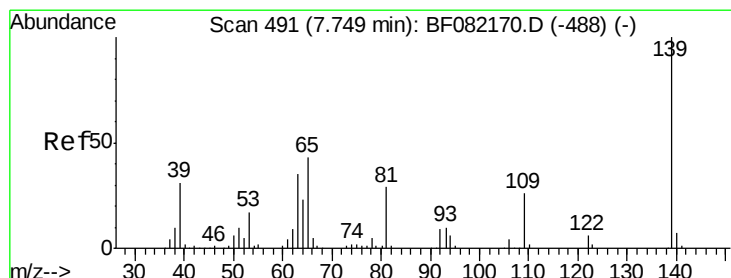
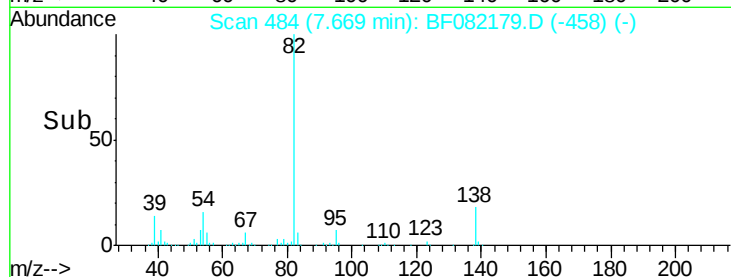
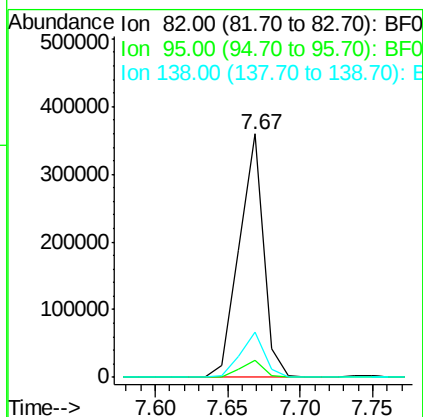
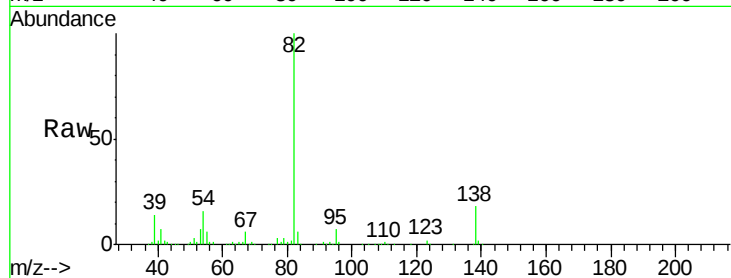
ClientSampleId :

PB86017BSD

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	13.6	20.4



#26

2-Nitrophenol

Concen: 45.07 ng

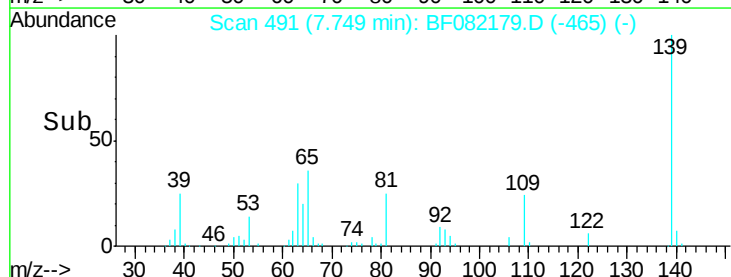
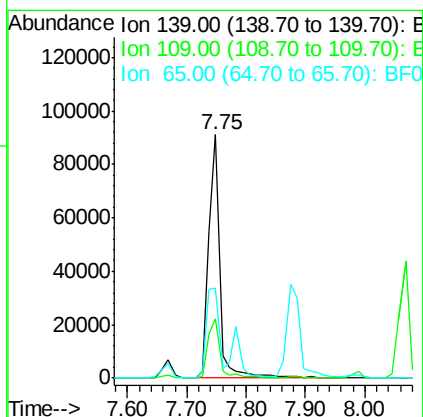
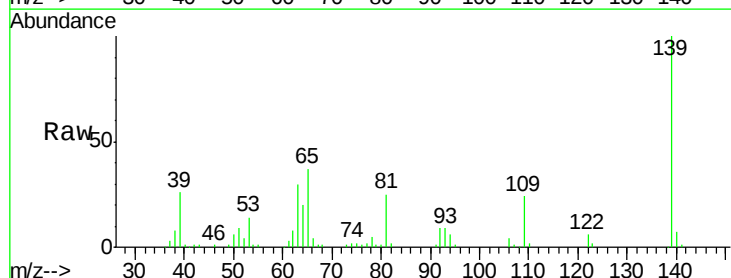
RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.3	20.6	31.0
65	37.0	34.3	51.5





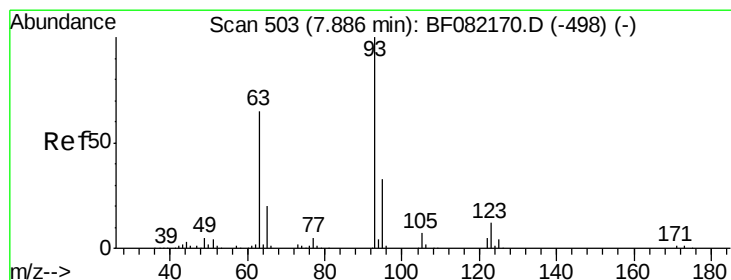
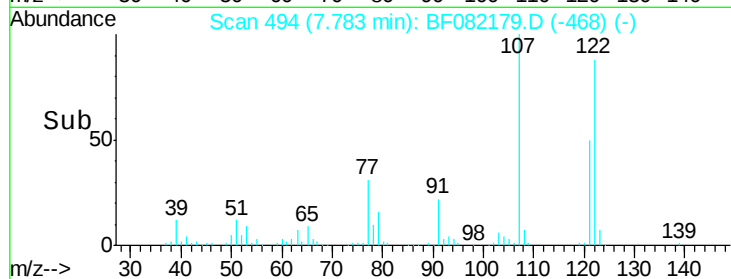
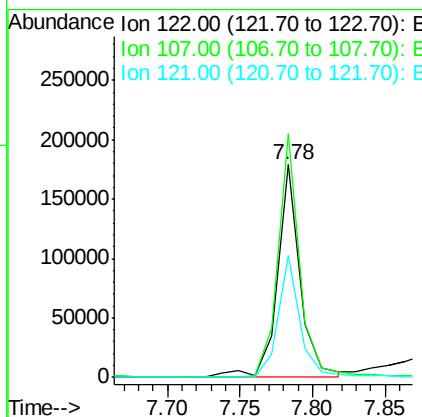
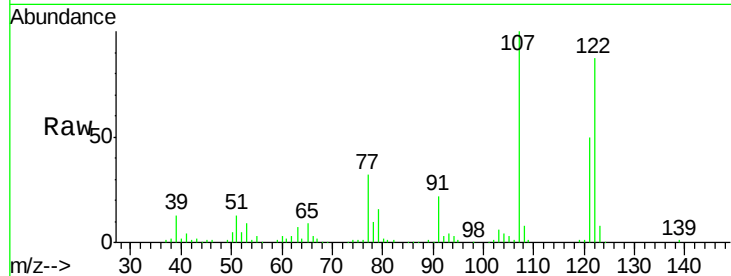
#27
 2,4-Dimethylphenol
 Concen: 45.09 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	192343		
107	114.6	94.0	141.0	
121	57.4	46.8	70.2	

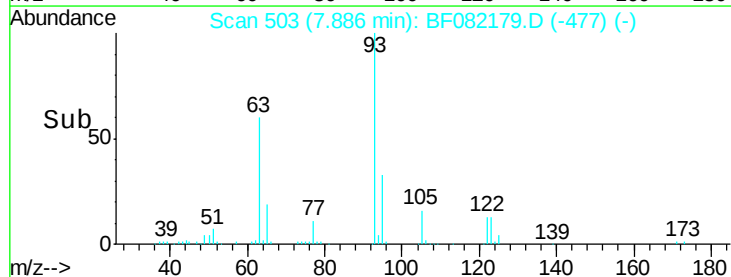
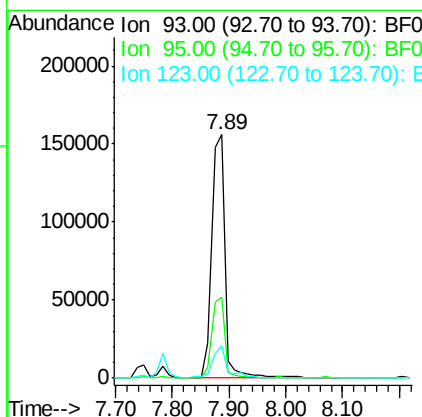
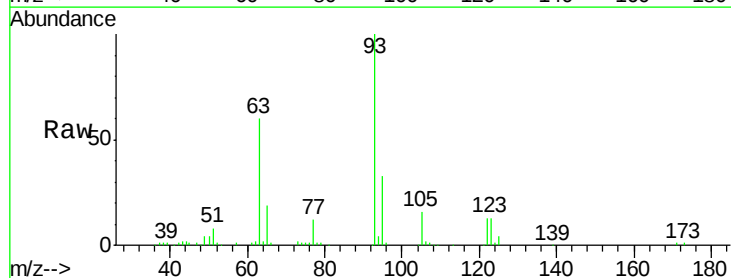
Manual Integrations
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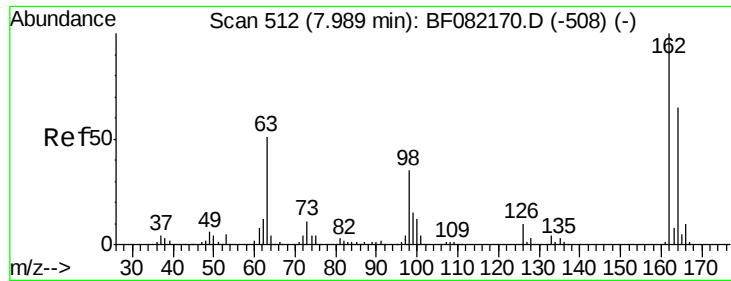
MMDadoda
 10/12/2015 2:33:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.16 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248320		
95	33.5	26.6	39.8	
123	13.2	9.5	14.3	





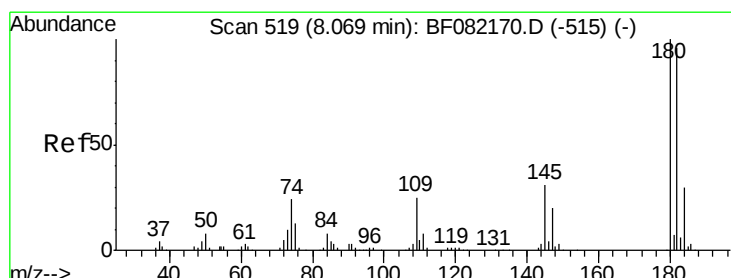
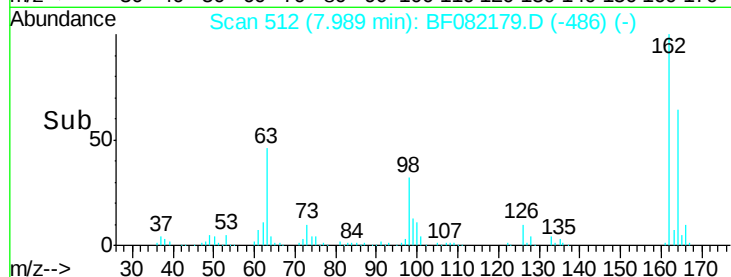
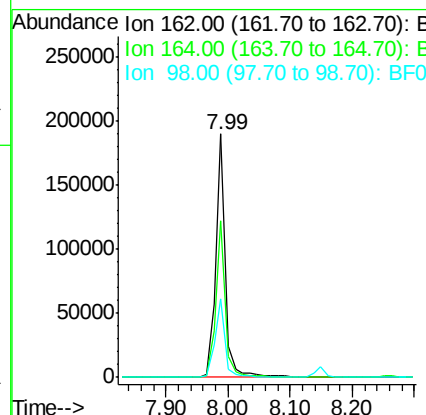
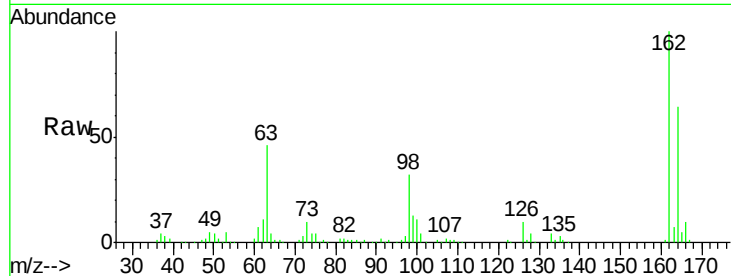
#29
2,4-Dichlorophenol
Concen: 47.70 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.6	84.6
98	32.4	15.0	55.0

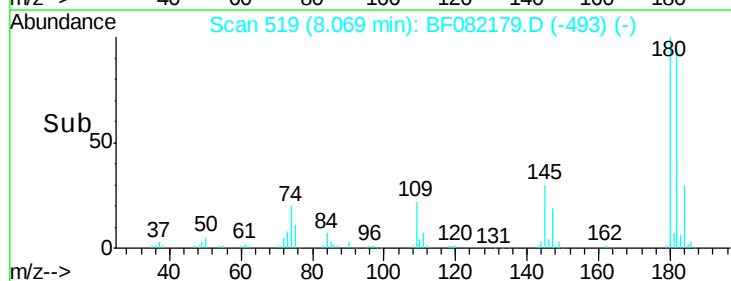
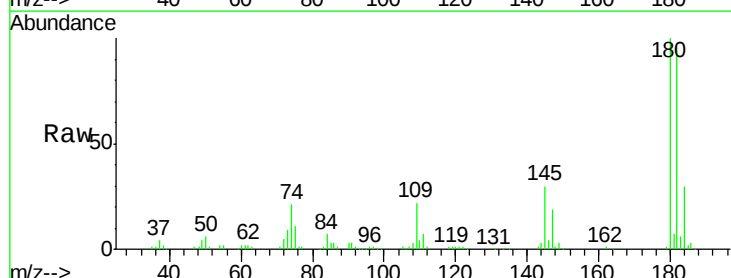
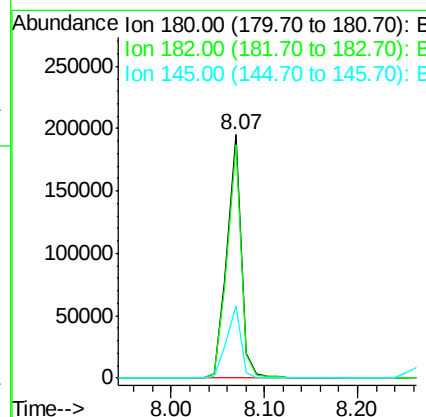
Manual Integrations
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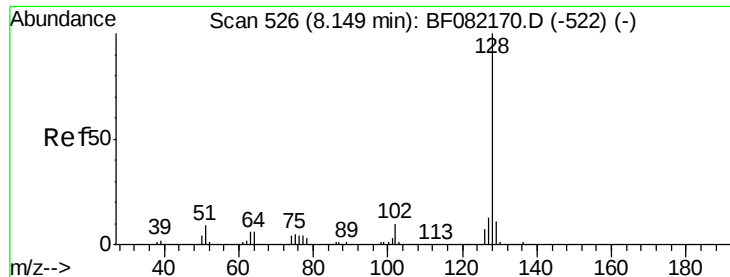
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#30
1,2,4-Trichlorobenzene
Concen: 42.31 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	77.0	115.4
145	29.5	25.0	37.4





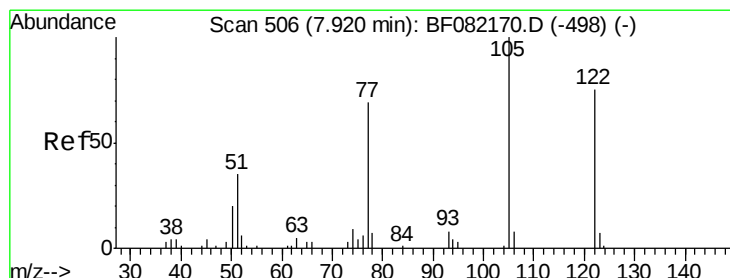
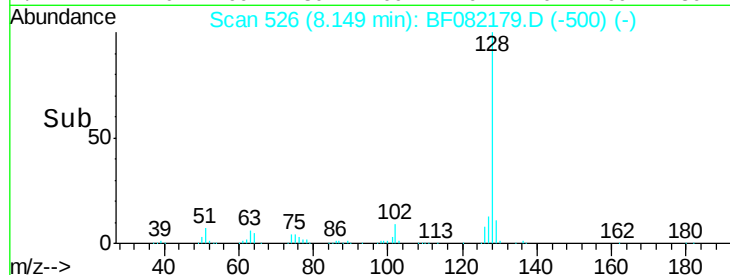
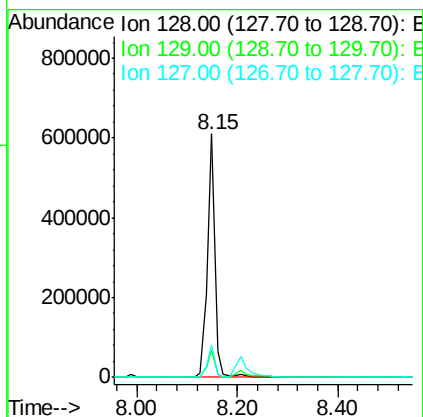
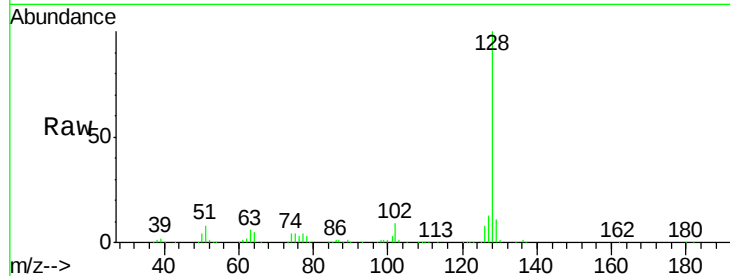
#31
Naphthalene
Concen: 44.74 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	638143		
129	11.3	9.1	13.7	
127	13.3	10.7	16.1	

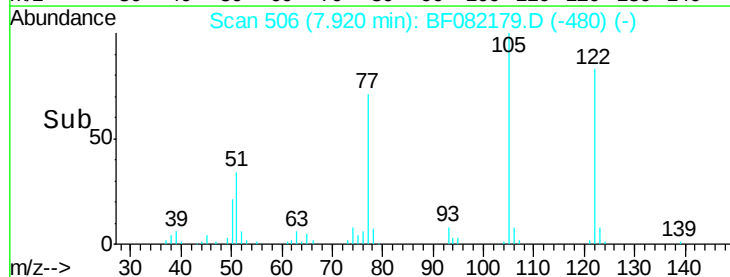
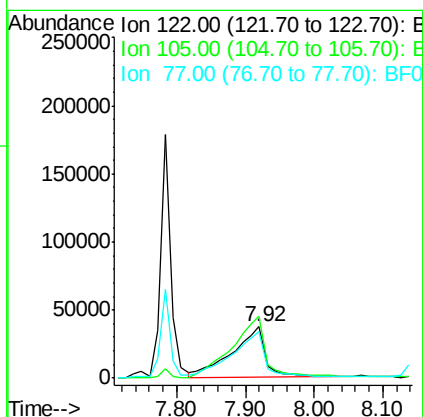
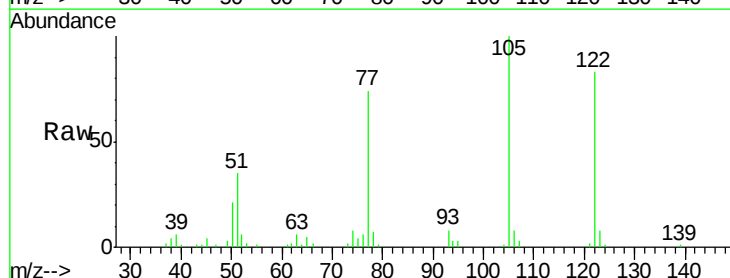
Manual Integrations
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#32
Benzoic acid
Concen: 43.69 ng
RT: 7.92 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	125098		
105	120.6	104.4	144.4	
77	89.3	69.0	109.0	





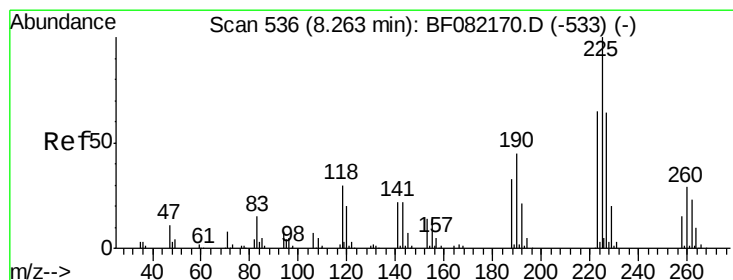
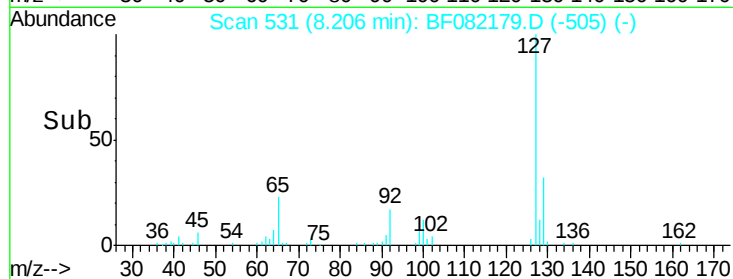
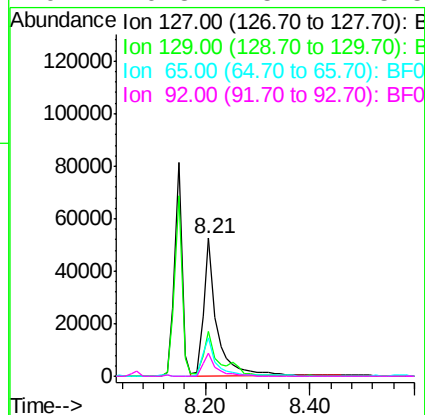
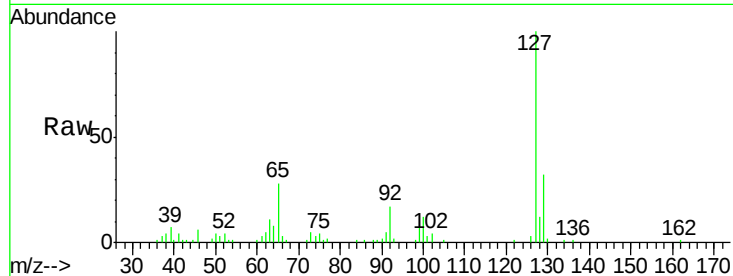
#33
4-Chloroaniline
Concen: 15.61 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.7	24.4	36.6
92	16.8	15.7	23.5

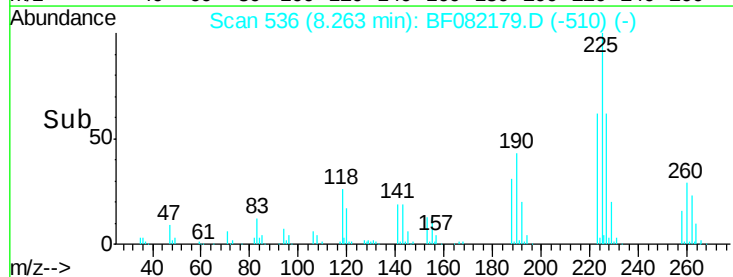
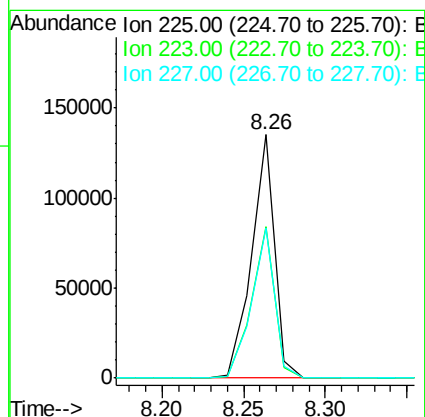
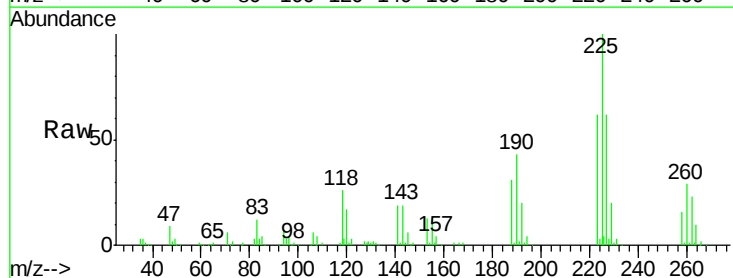
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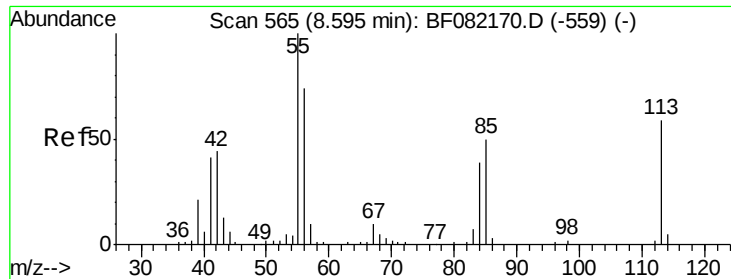
MMDadoda
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#34
Hexachlorobutadiene
Concen: 43.05 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.2	78.2
227	61.6	51.3	76.9





#35

Caprolactam

Concen: 45.89 ng m

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082179.D

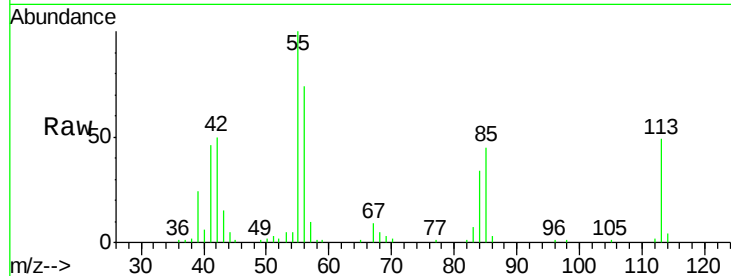
Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD



Tgt Ion:113 Resp: 56800

Ion Ratio Lower Upper

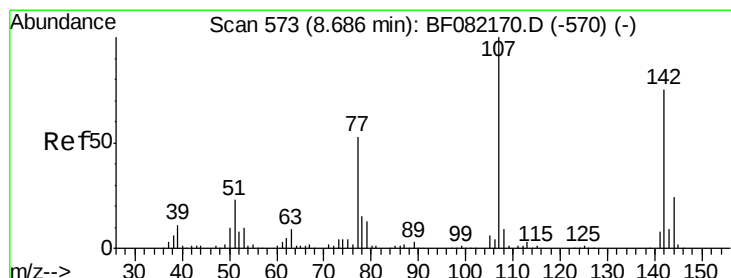
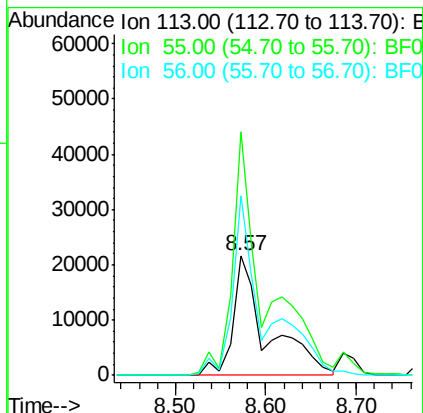
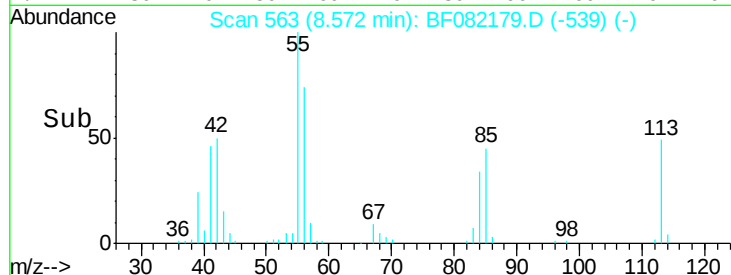
113 100

55 203.2 149.7 189.7#

56 150.4 105.4 145.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.32 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

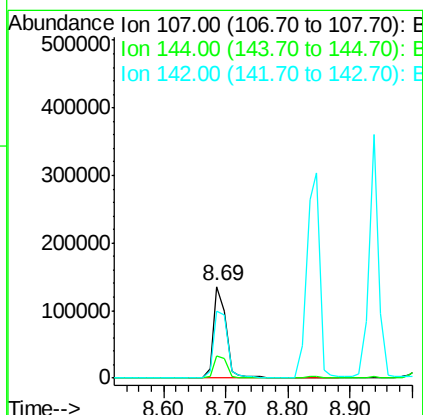
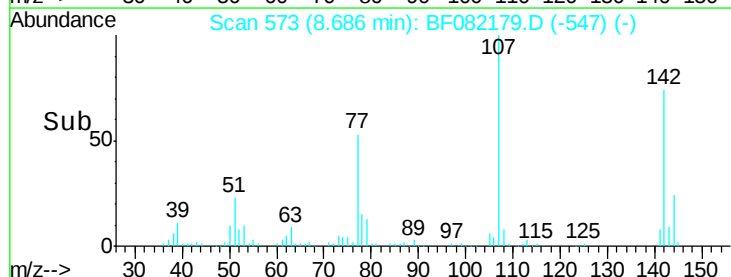
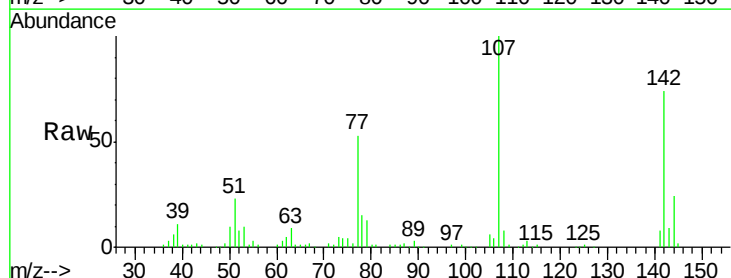
Tgt Ion:107 Resp: 193180

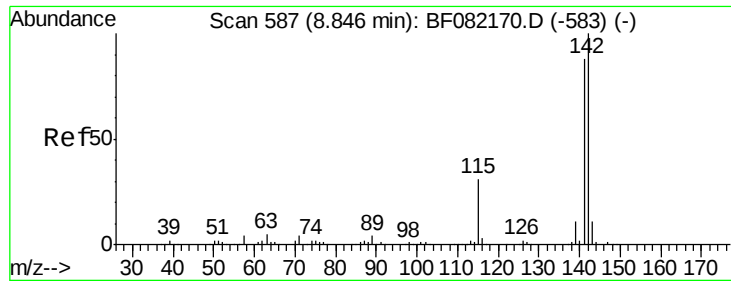
Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

142 73.8 59.9 89.9





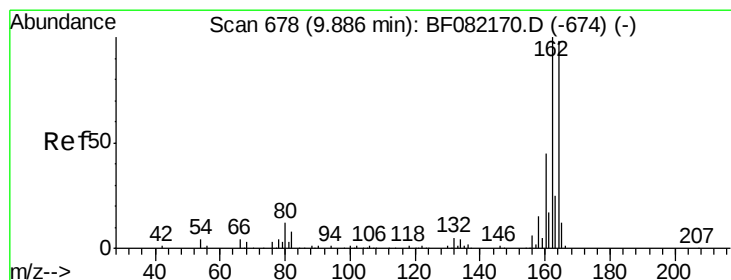
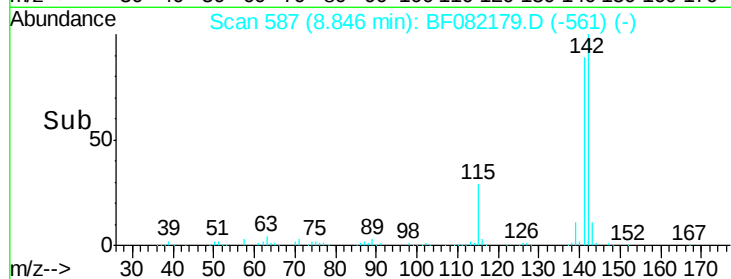
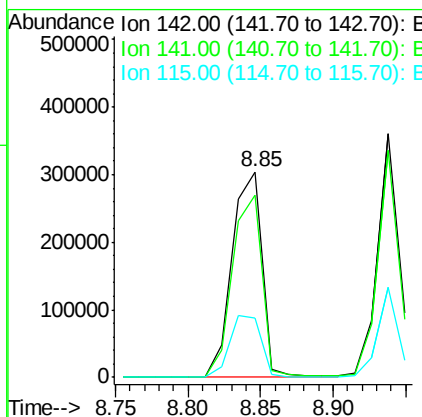
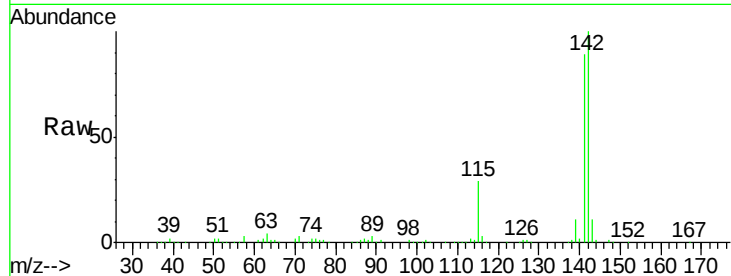
#37
 2-Methylnaphthalene
 Concen: 44.26 ng
 RT: 8.85 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	29.0	24.6	37.0

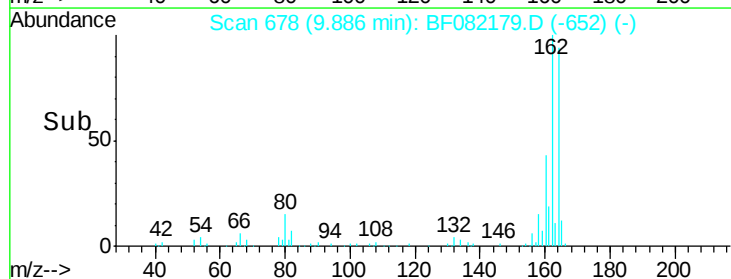
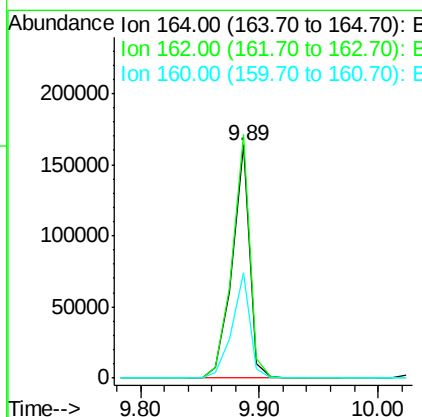
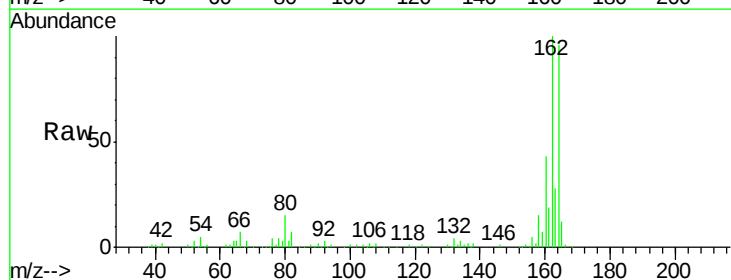
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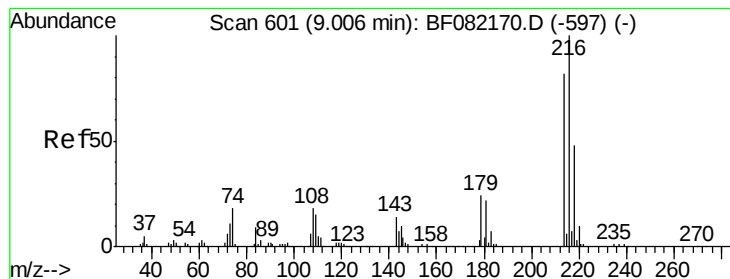
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	45.3	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.28 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

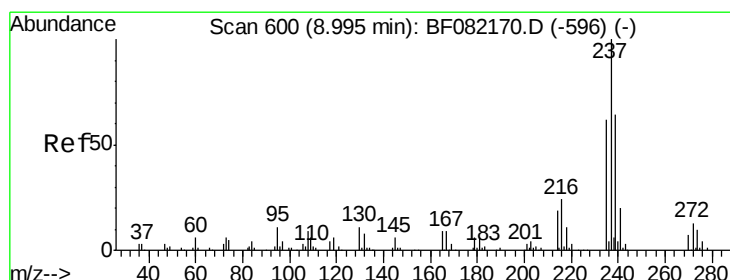
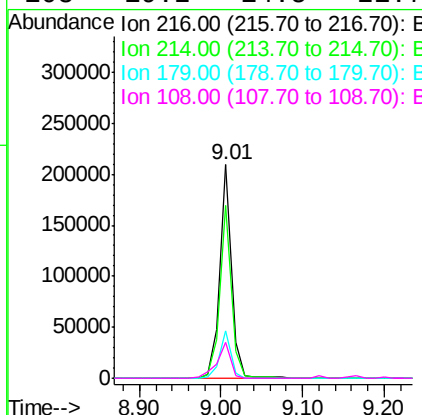
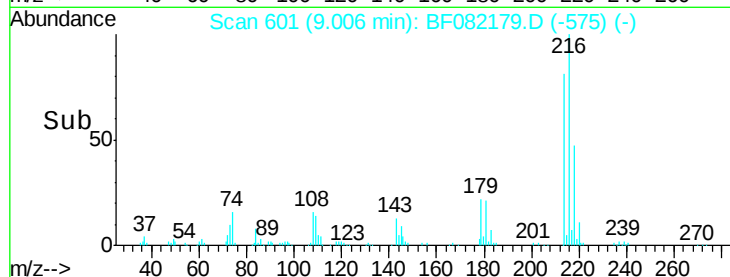
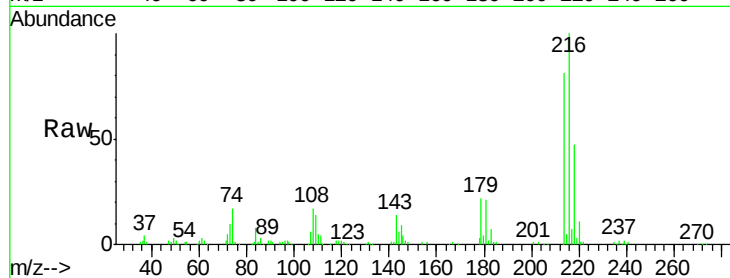
ClientSampleId :

PB86017BSD

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		209922		
214	79.2	64.6	97.0		
179	21.4	17.6	26.4		
108	19.2	14.5	21.7		



#40

Hexachlorocyclopentadiene

Concen: 89.82 ng

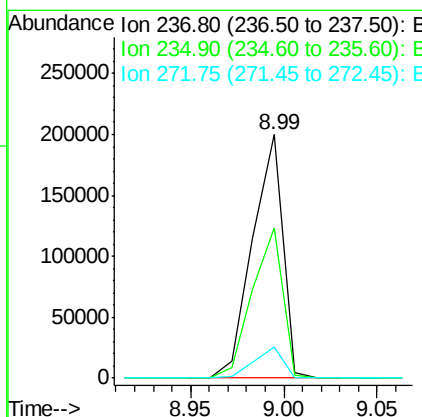
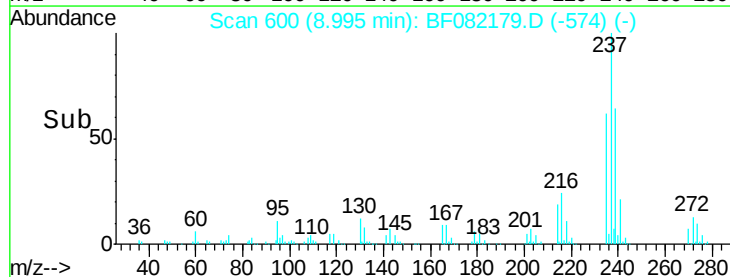
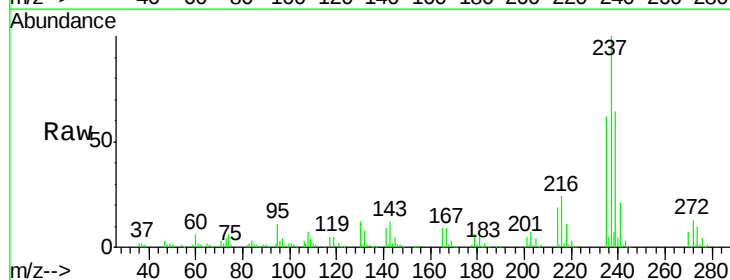
RT: 8.99 min Scan# 600

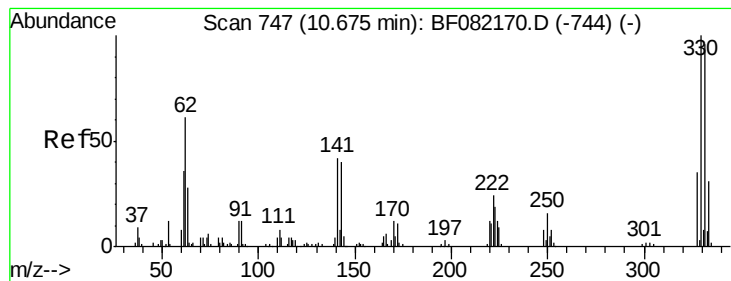
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		228532		
235	61.9	41.7	81.7		
272	12.6	0.0	32.8		





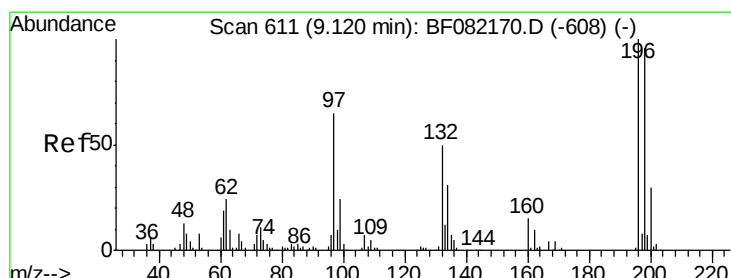
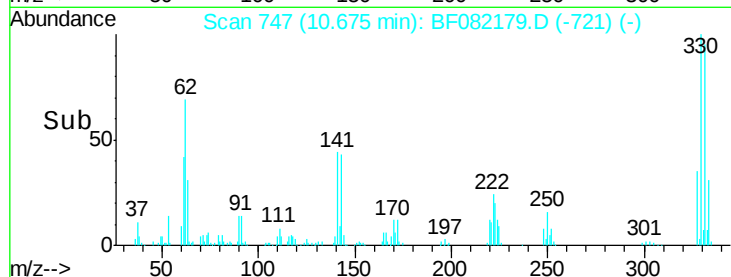
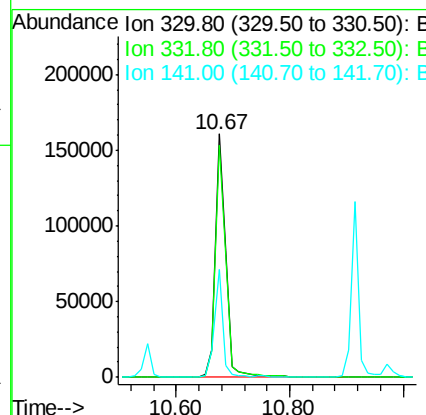
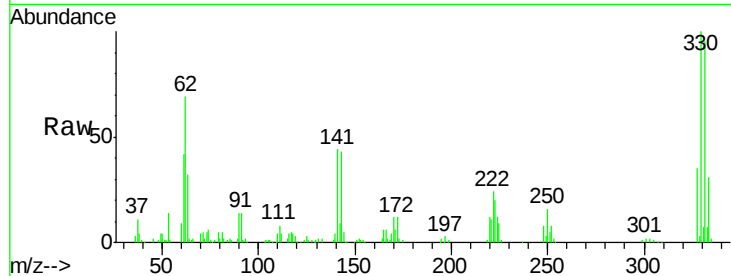
#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	197673		
332	96.3	77.1	115.7	
141	35.9	29.8	44.8	

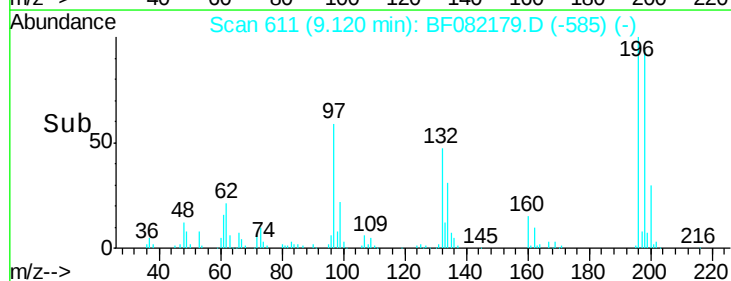
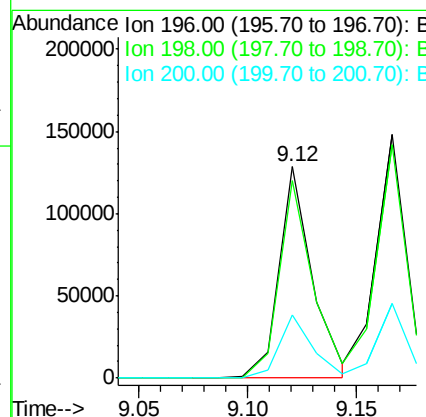
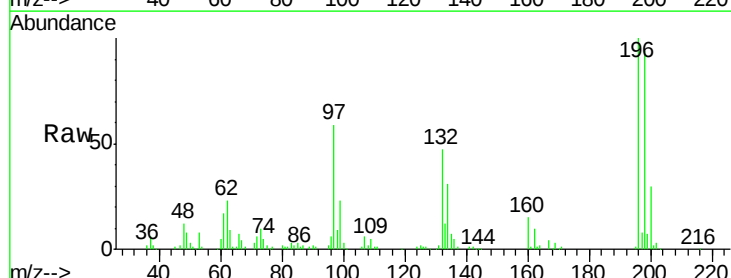
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#42
 2,4,6-Trichlorophenol
 Concen: 41.65 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

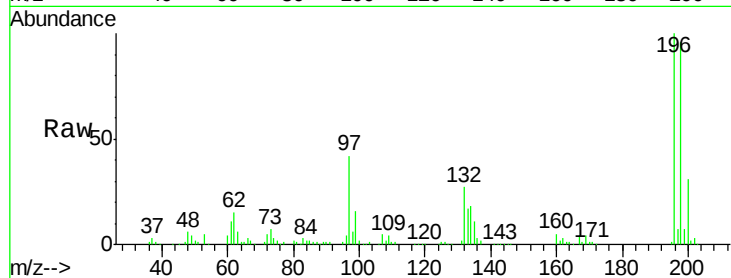
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137369		
198	93.6	76.6	115.0	
200	29.9	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 45.32 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

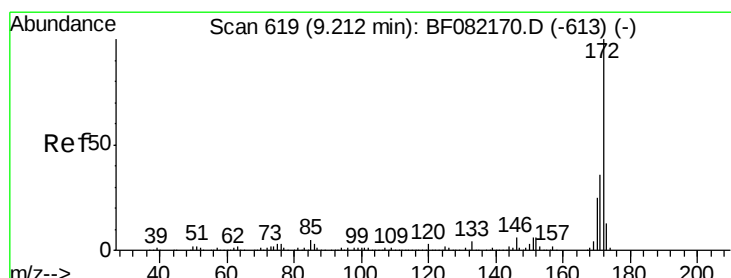
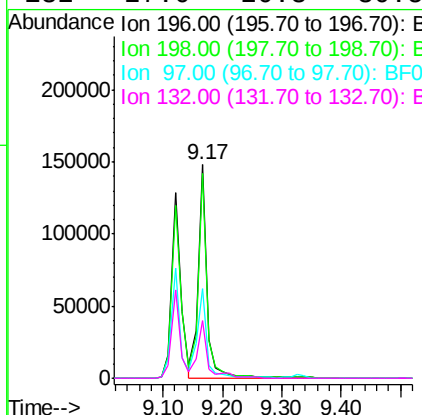
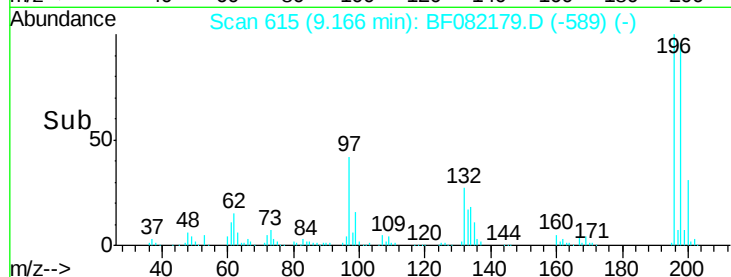
Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161891		
198	95.9	77.0	115.4	
97	42.2	31.9	47.9	
132	27.0	20.3	30.5	

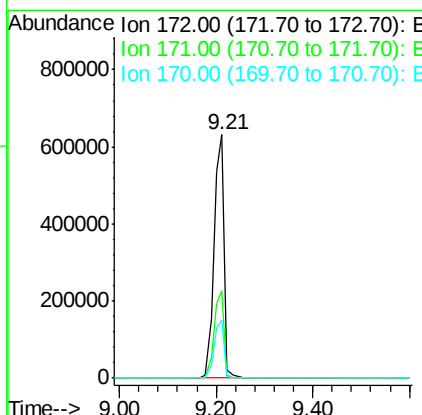
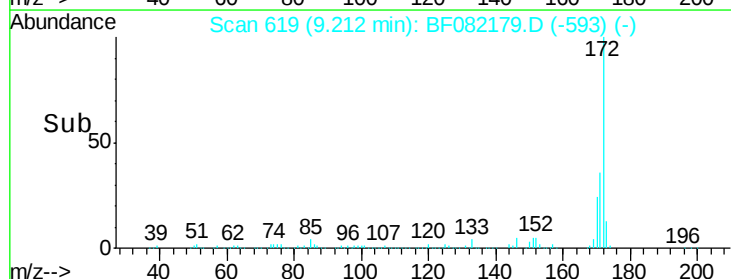
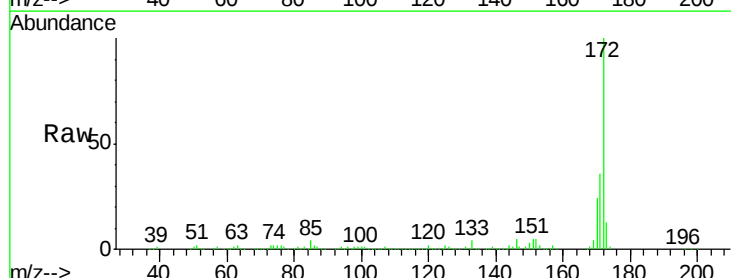
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#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	942356		
171	35.8	28.6	42.8	
170	23.9	19.7	29.5	





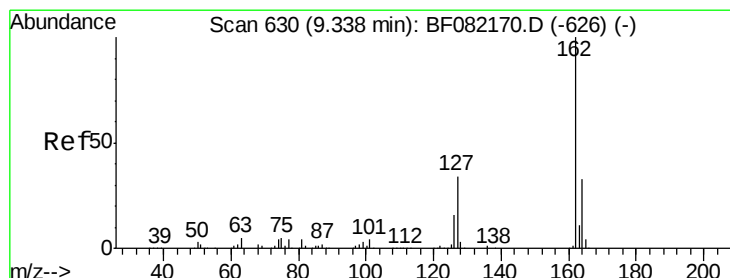
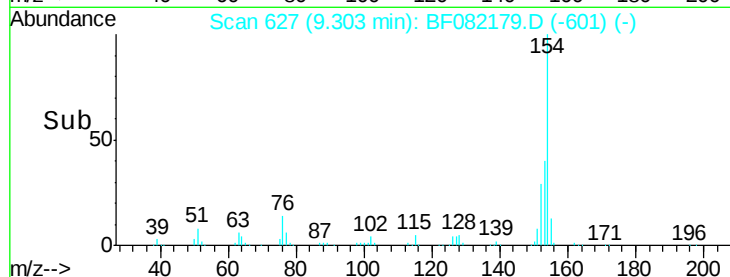
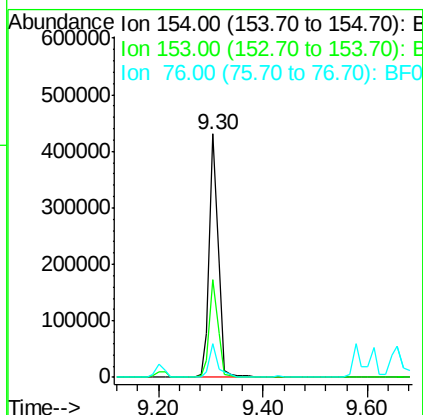
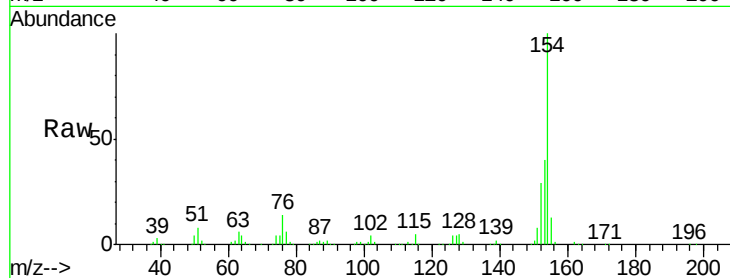
#45
 1,1'-Biphenyl
 Concen: 40.45 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514875		
153	40.0	20.6	60.6	
76	13.7	0.0	35.2	

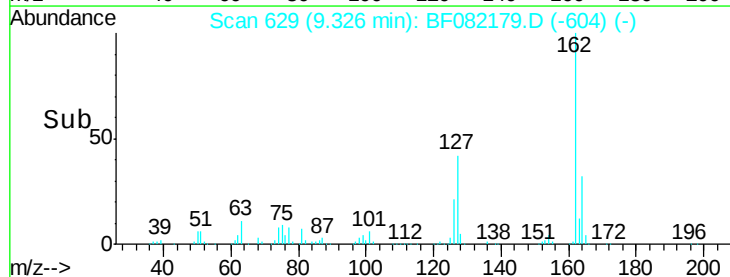
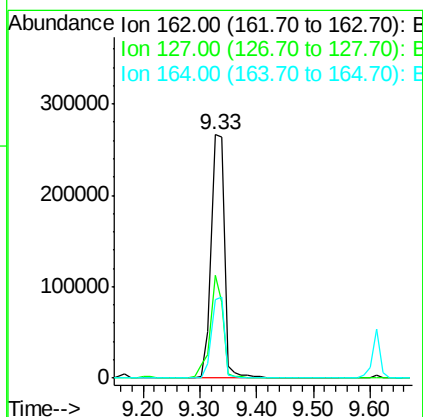
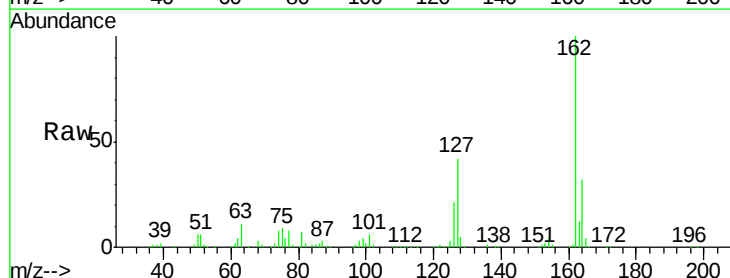
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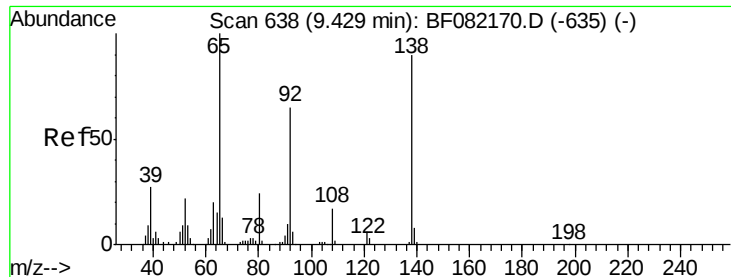
MMDadoda
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#46
 2-Chloronaphthalene
 Concen: 42.17 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	422596		
127	42.3	27.5	41.3#	
164	32.3	26.6	39.8	





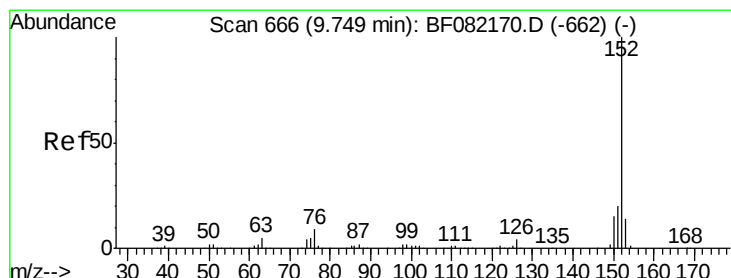
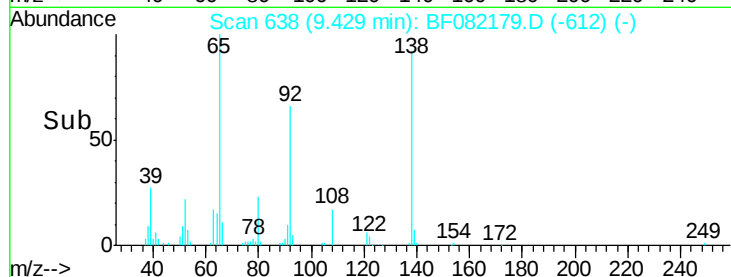
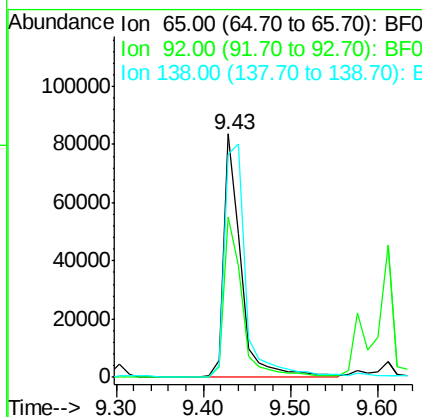
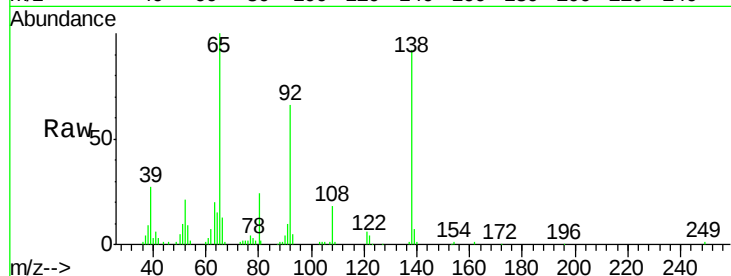
#47
2-Nitroaniline
Concen: 42.18 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.3	78.5
138	91.5	72.2	108.4

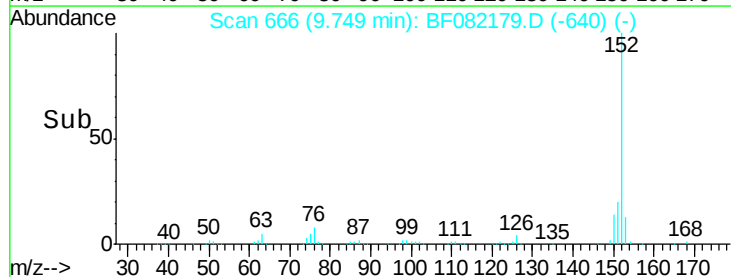
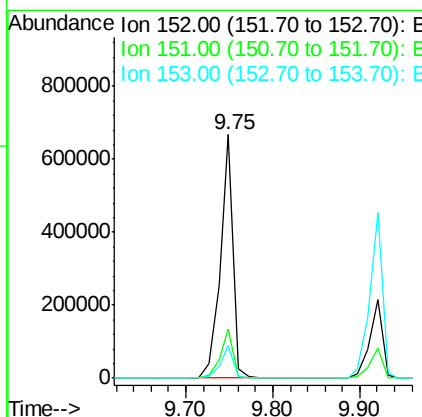
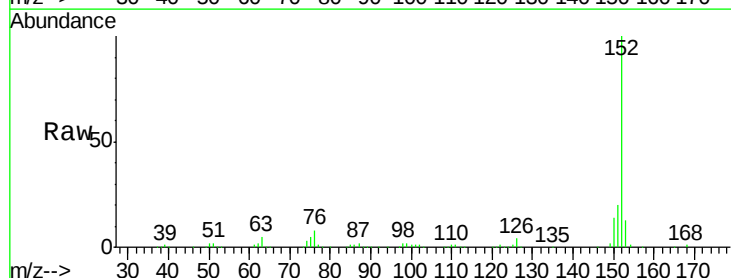
Manual Integrations
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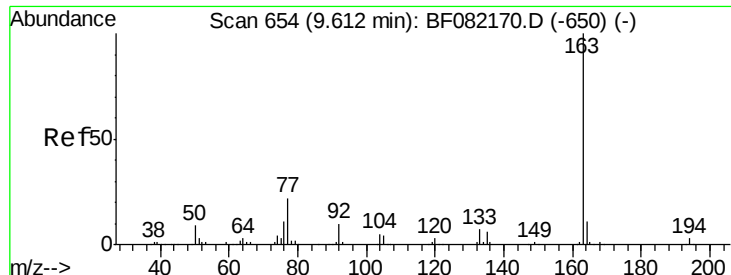
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#48
Acenaphthylene
Concen: 44.14 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.1	10.8	16.2





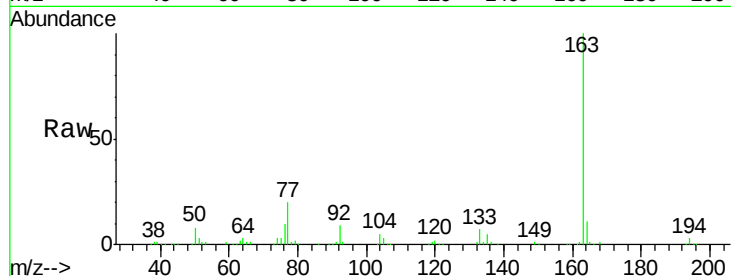
#49
Dimethylphthalate
Concen: 42.51 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

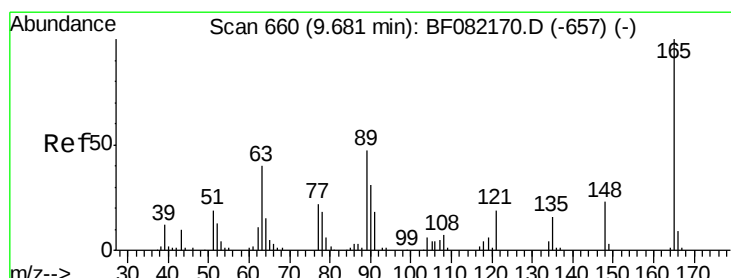
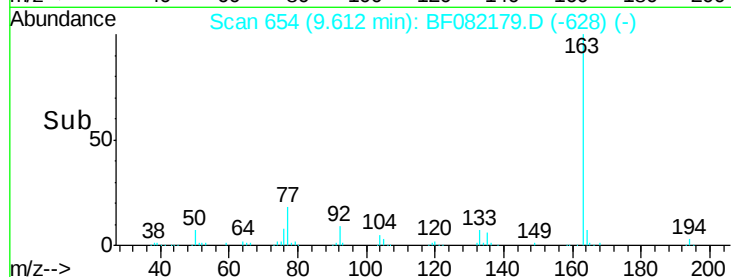
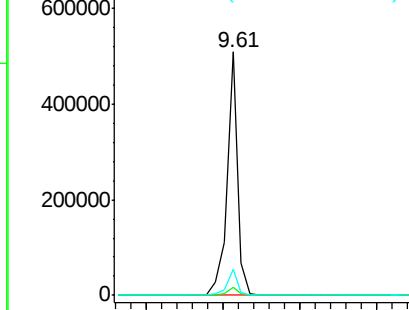
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.5	12.7

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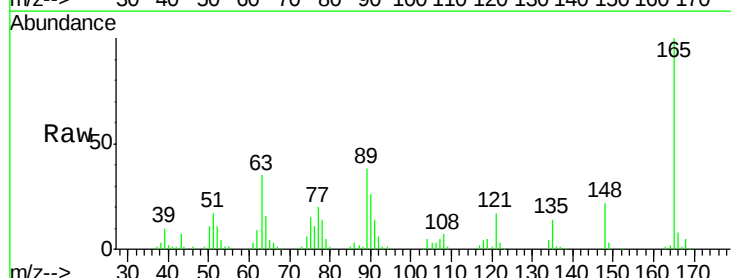


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

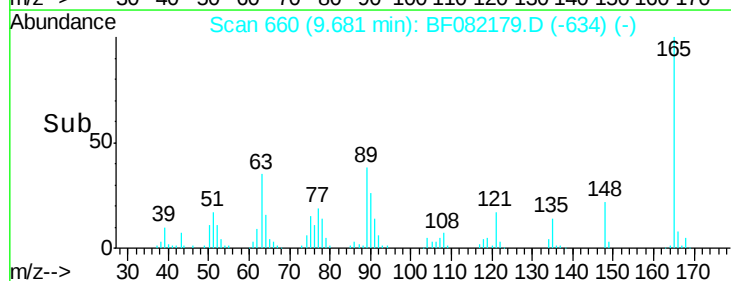
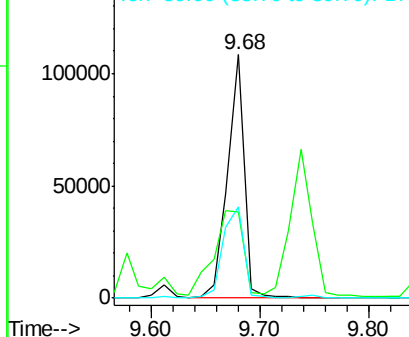


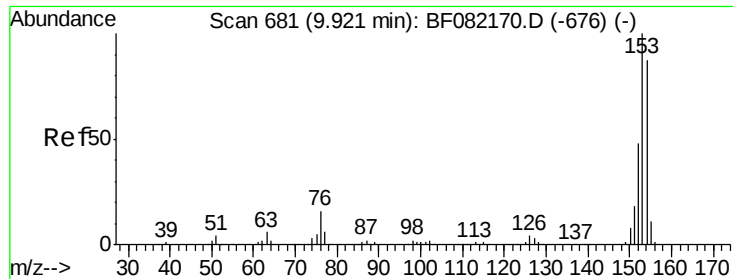
#50
2,6-Dinitrotoluene
Concen: 46.75 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.3	36.7	55.1#
89	37.8	37.8	56.6#



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





#51

Acenaphthene

Concen: 43.09 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082179.D

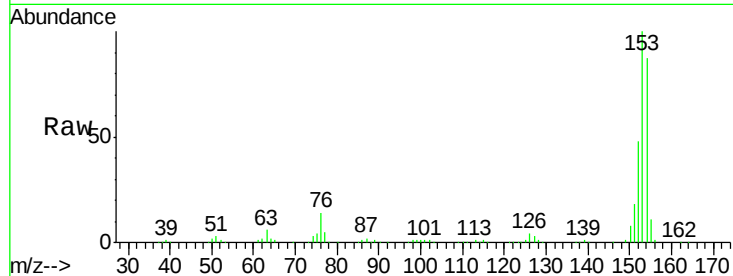
Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB86017BSD



Tgt Ion:154 Resp: 403848

Ion Ratio Lower Upper

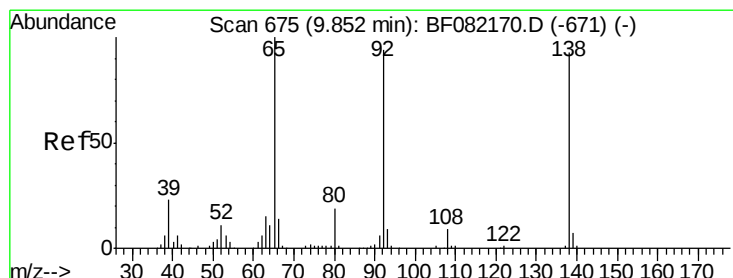
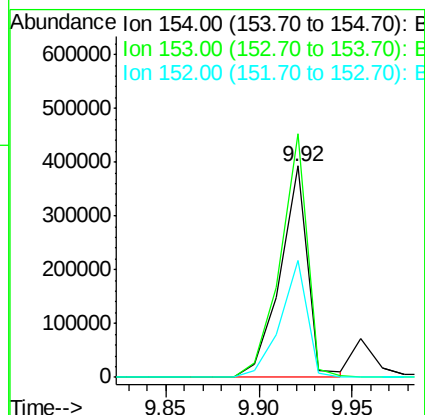
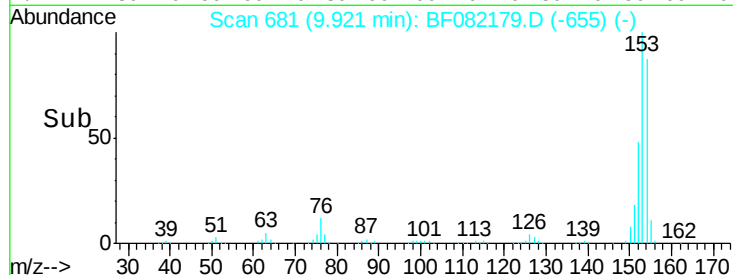
154 100

153 115.1 91.4 137.2

152 55.0 44.3 66.5

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#52

3-Nitroaniline

Concen: 20.20 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

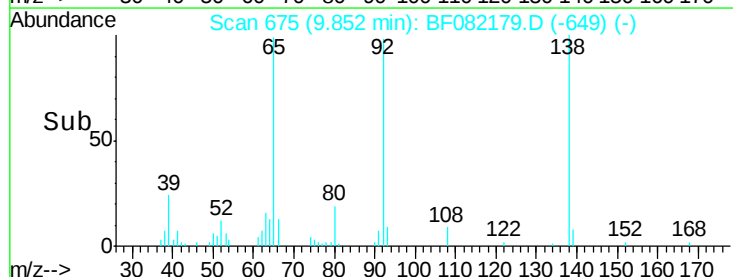
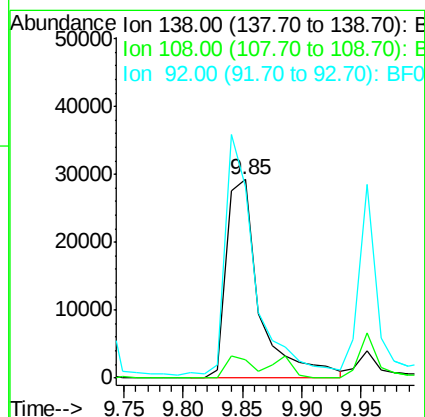
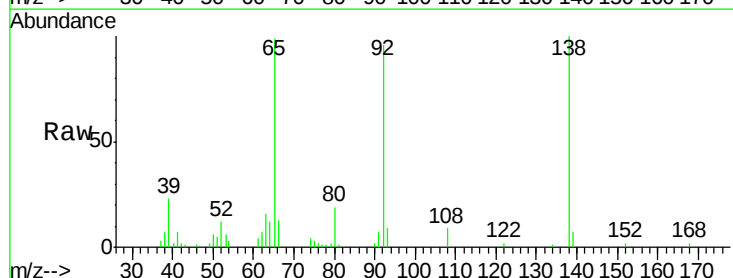
Tgt Ion:138 Resp: 56579

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

92 96.1 81.3 121.9





#53

2,4-Dinitrophenol

Concen: 89.77 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

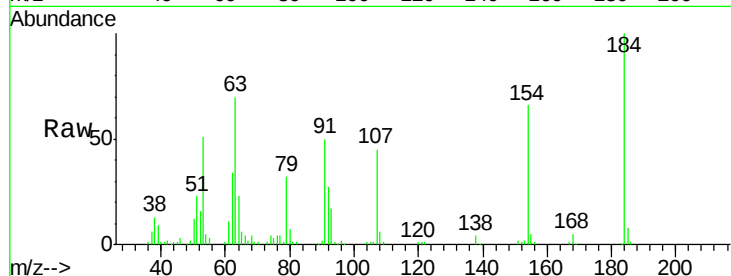
ClientSampleId :

PB86017BSD

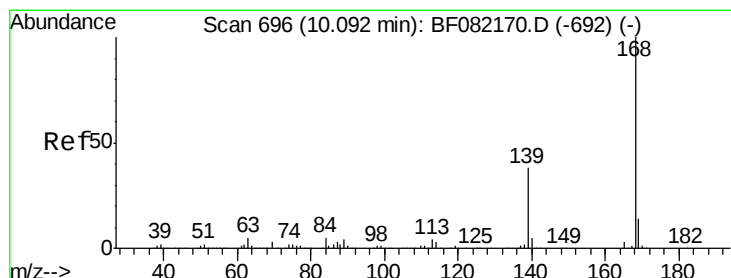
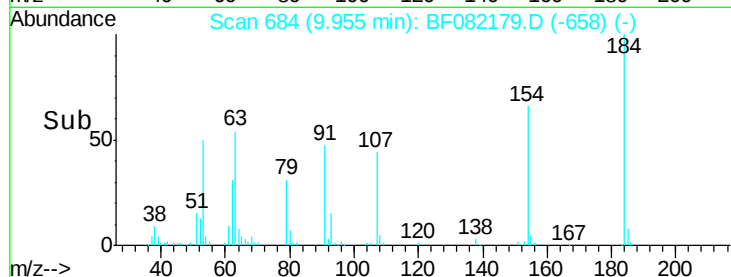
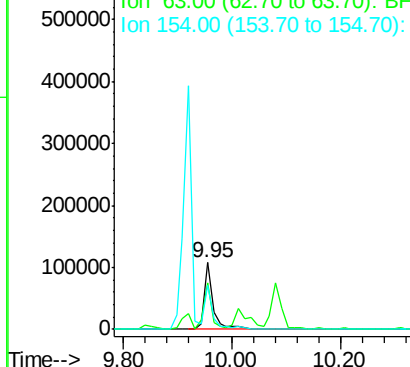
Tgt Ion:	184	Resp:	125590
Ion Ratio	Lower	Upper	
184	100		
63	69.8	45.1	67.7#
154	66.2	51.2	76.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.73 ng

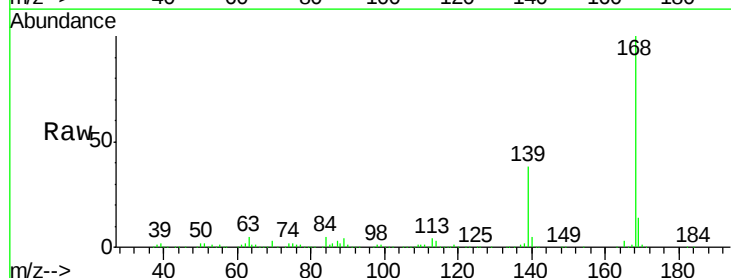
RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

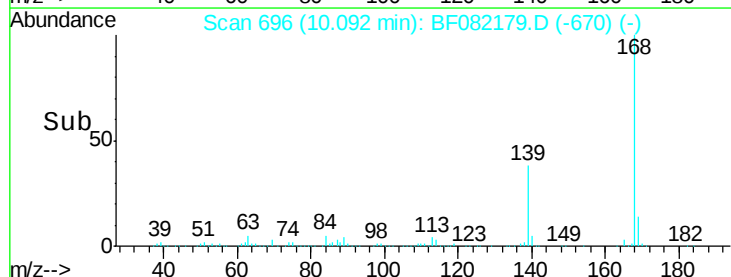
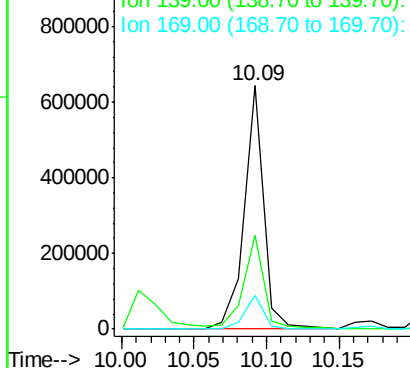
Lab File: BF082179.D

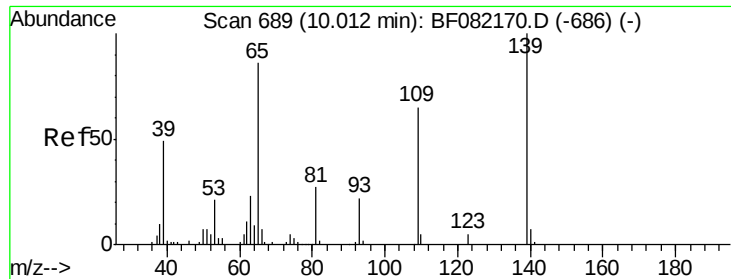
Acq: 10 Oct 2015 16:36

Tgt Ion:	168	Resp:	601226
Ion Ratio	Lower	Upper	
168	100		
139	38.3	31.0	46.6
169	13.6	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





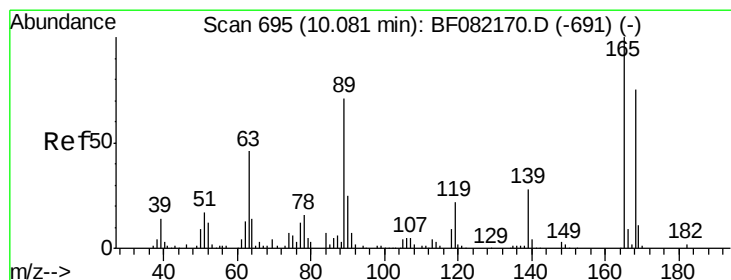
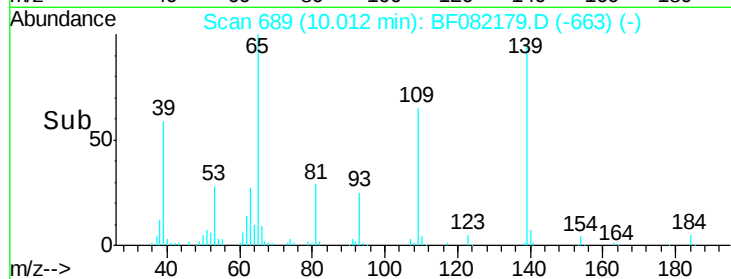
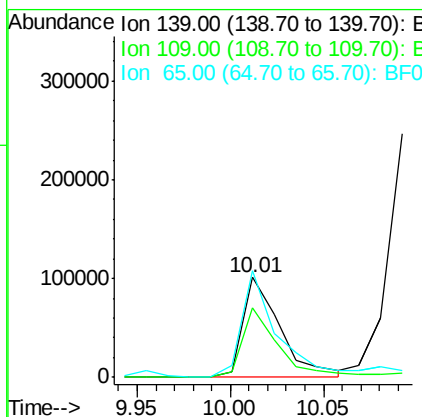
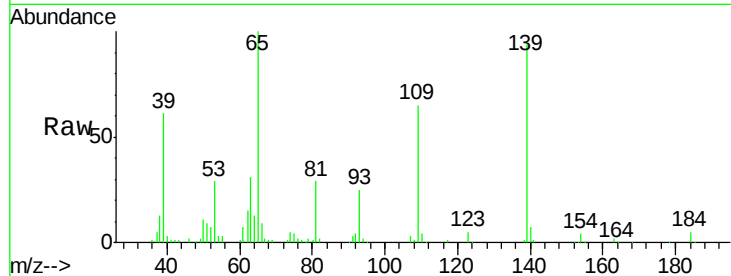
#55
4-Nitrophenol
Concen: 75.17 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141997		
109	69.0	44.8	84.8	
65	106.3	67.7	107.7	

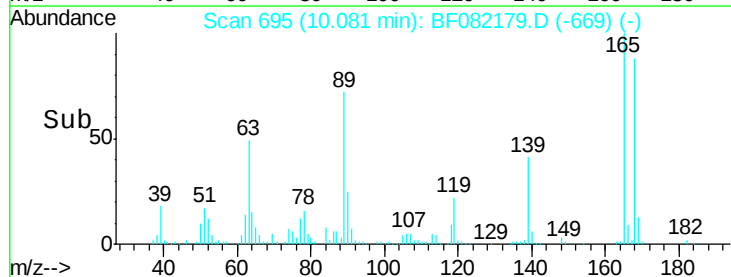
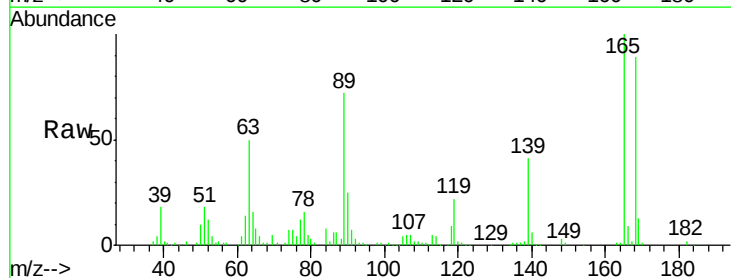
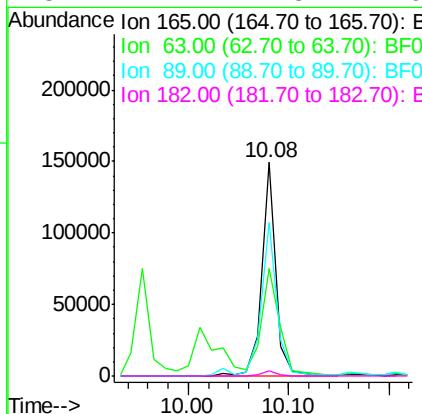
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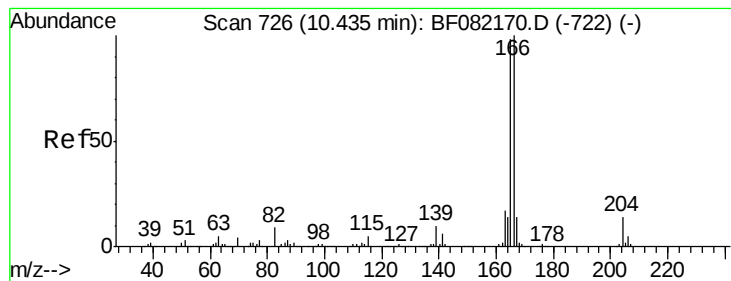
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#56
2,4-Dinitrotoluene
Concen: 46.50 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144155		
63	50.2	38.6	58.0	
89	72.1	57.0	85.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 45.46 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

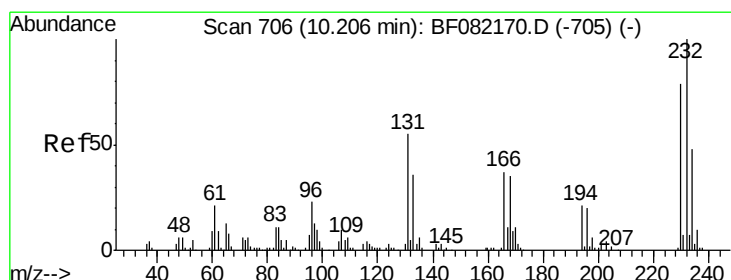
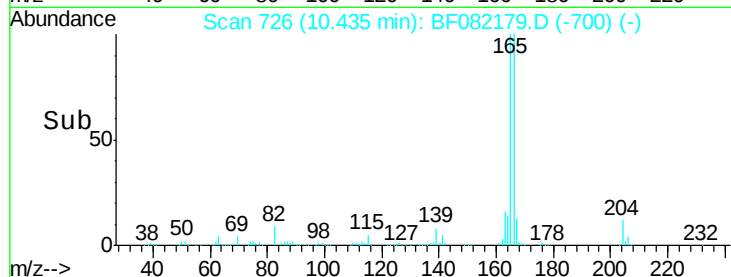
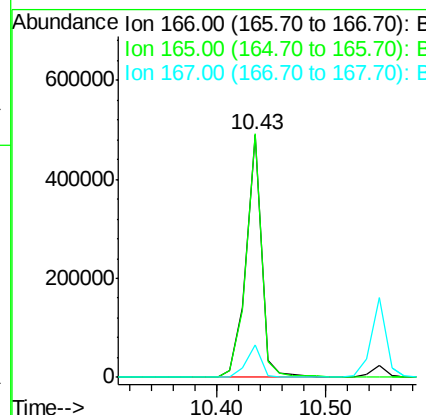
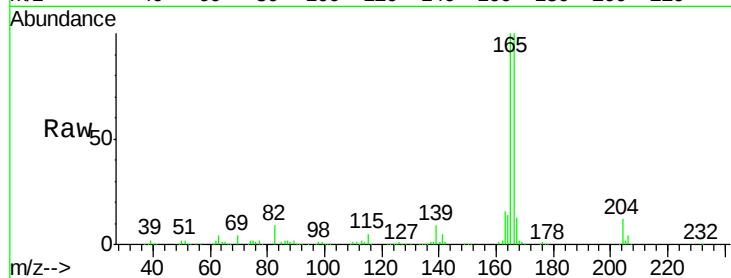
ClientSampleId :

PB86017BSD

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	480420		
165	100.3	78.3	117.5	
167	13.3	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.28 ng

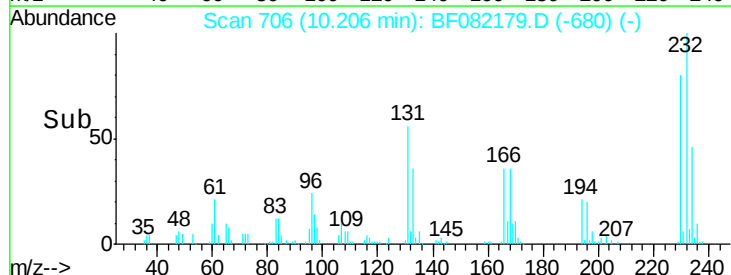
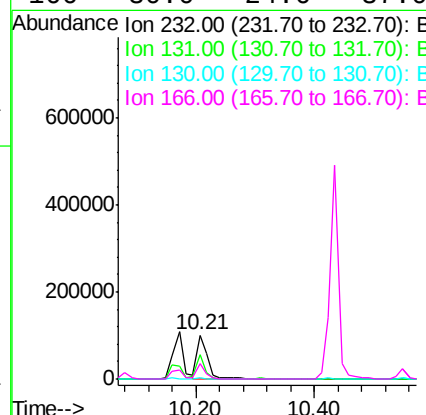
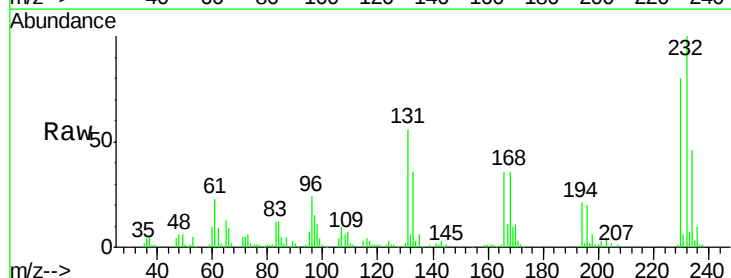
RT: 10.21 min Scan# 706

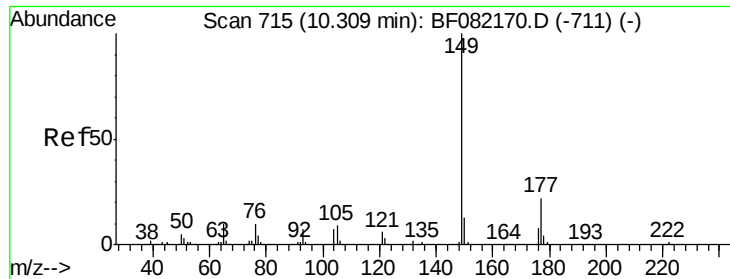
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126337		
131	46.2	36.6	54.8	
130	1.8	1.5	2.3	
166	30.0	24.6	37.0	





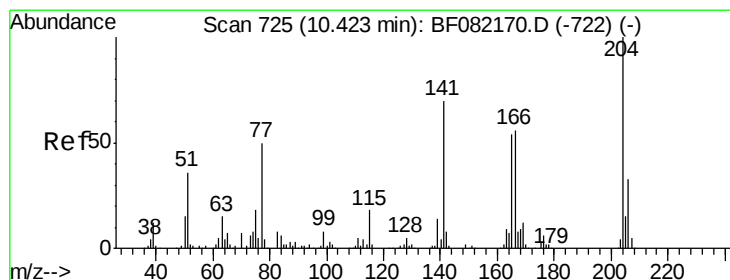
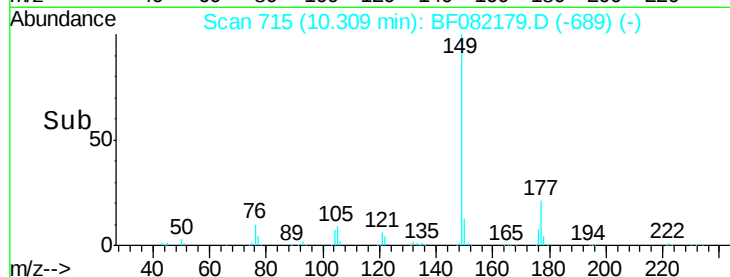
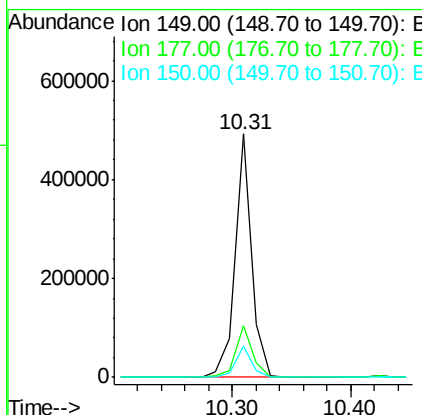
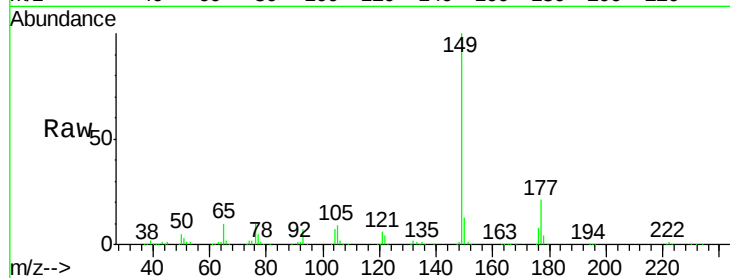
#59
Diethylphthalate
Concen: 43.46 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	476190		
177	21.2	17.6	26.4	
150	12.9	10.3	15.5	

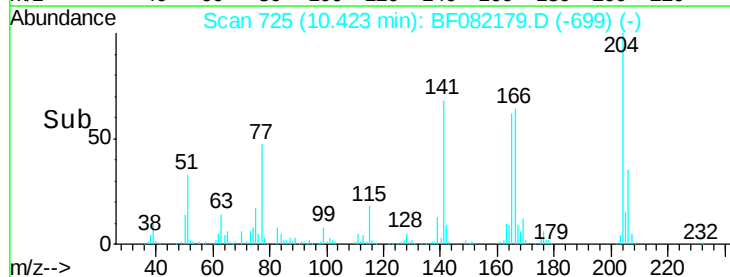
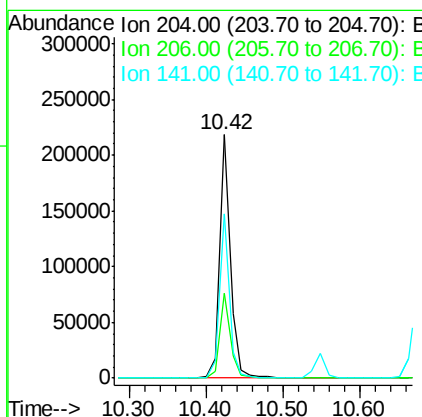
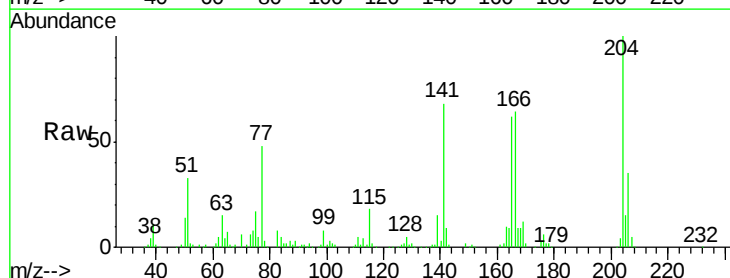
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#60
4-Chlorophenyl-phenylether
Concen: 43.79 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	211954		
206	34.8	26.8	40.2	
141	67.7	56.1	84.1	





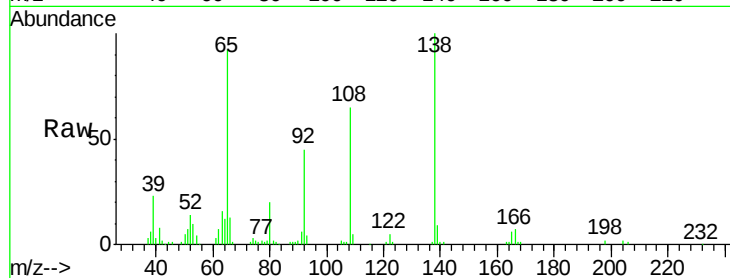
#61
4-Nitroaniline
Concen: 41.99 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

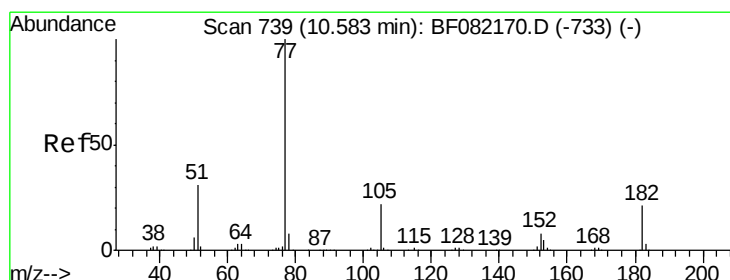
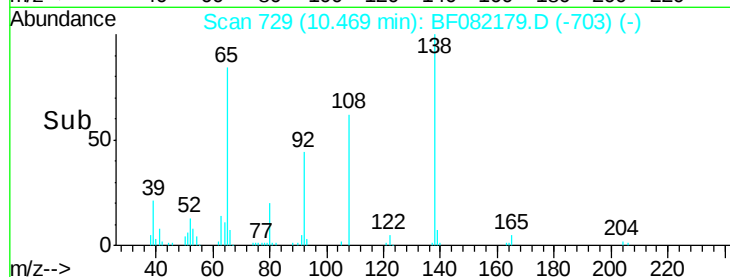
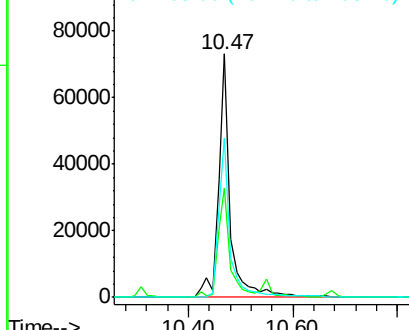
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	114095		
92	44.6	26.8	66.8	
108	65.4	48.4	88.4	

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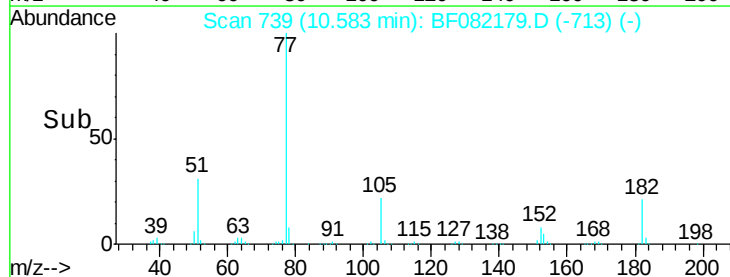
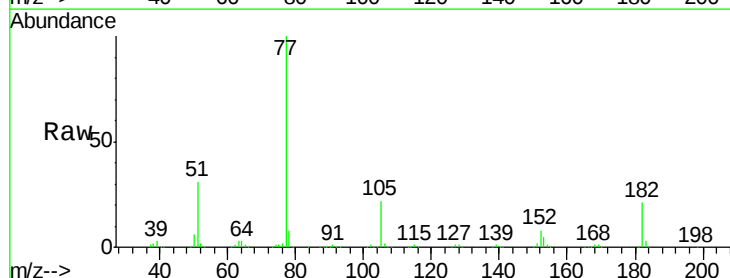
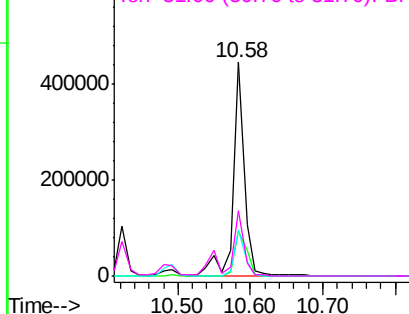
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

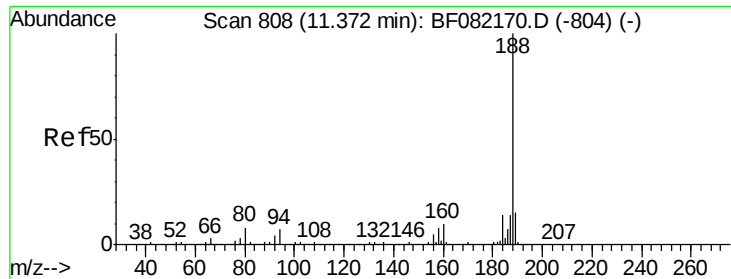


#62
Azobenzene
Concen: 44.35 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	475622		
182	21.1	0.5	40.5	
105	21.8	1.8	41.8	
51	30.6	11.2	51.2	

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

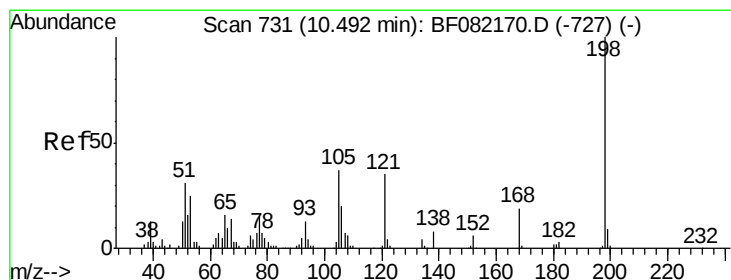
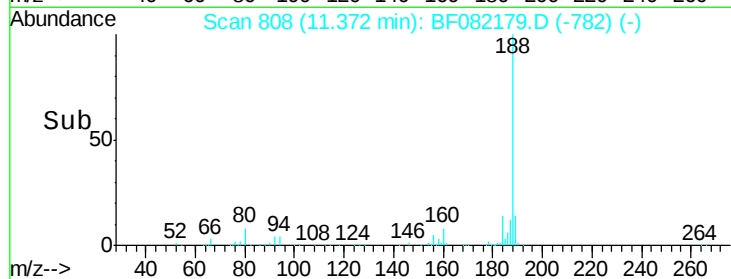
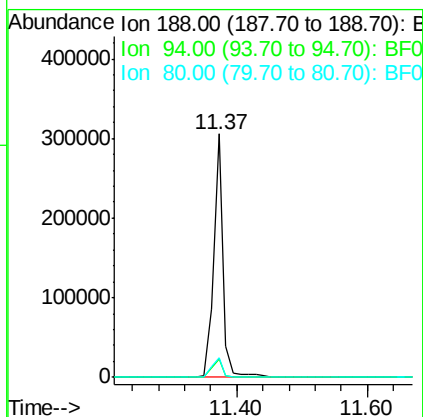
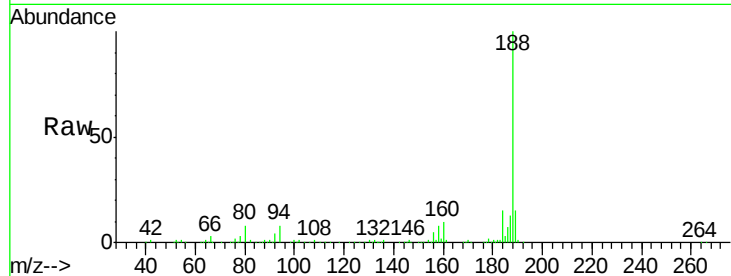
ClientSampleId :

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Tgt	Ion:188	Resp:	312731
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	8.0	6.4	9.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.00 ng

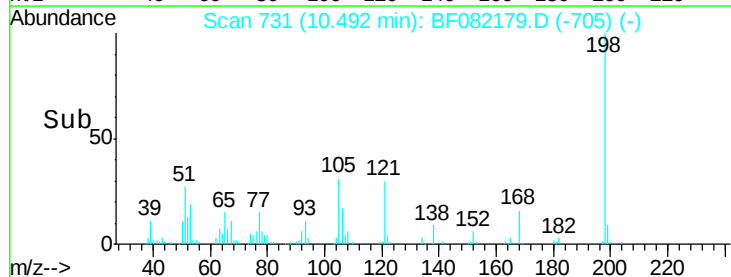
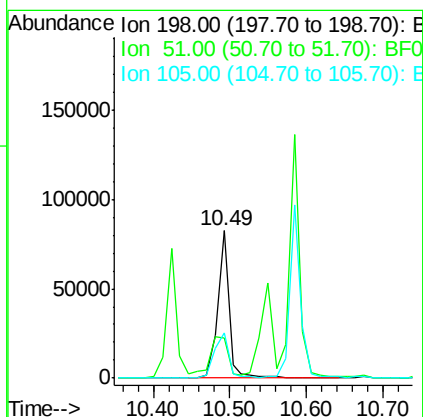
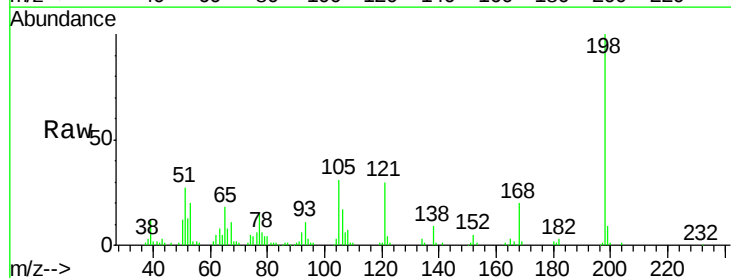
RT: 10.49 min Scan# 731

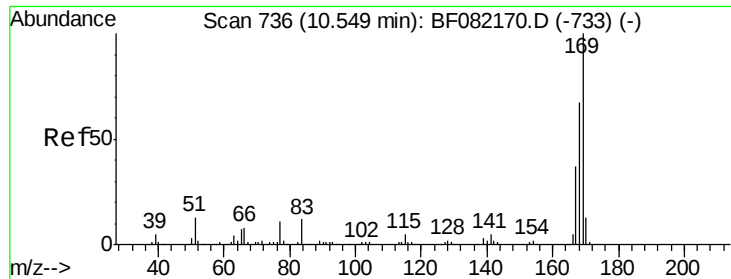
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt	Ion:198	Resp:	84236
Ion	Ratio	Lower	Upper
198	100		
51	27.1	13.6	53.6
105	30.8	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 44.71 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

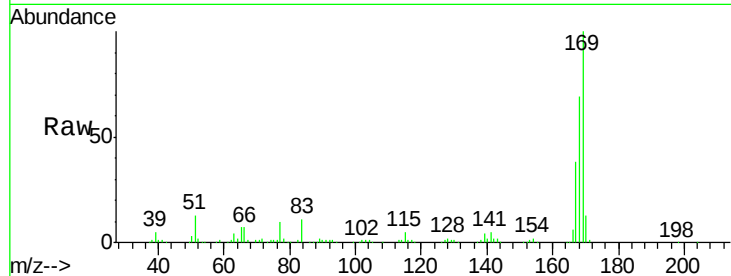
ClientSampleId :

PB86017BSD

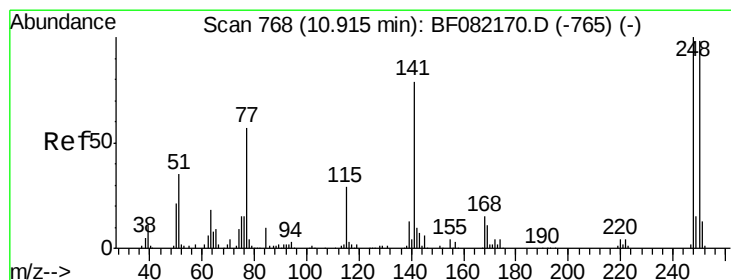
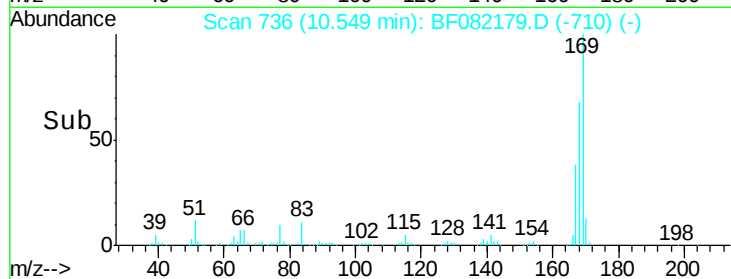
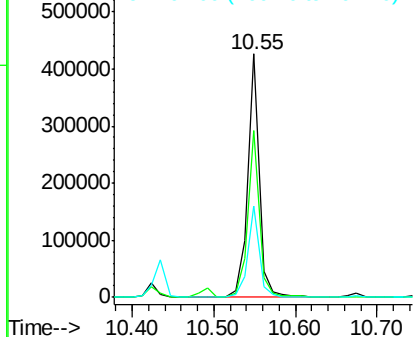
Tgt Ion:	169	Resp:	418620
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.0	81.0
167	37.6	29.6	44.4

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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: 44.86 ng

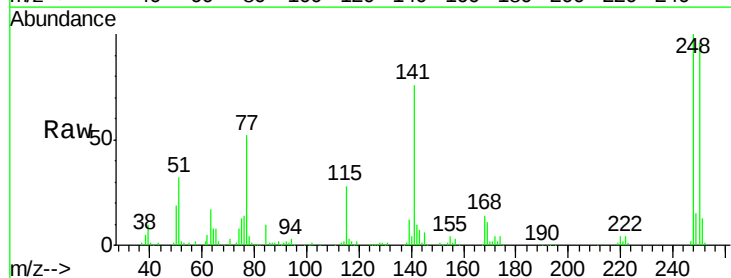
RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

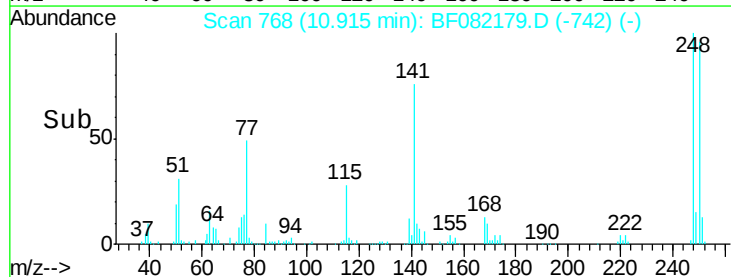
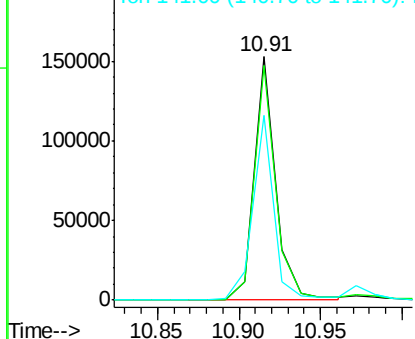
Lab File: BF082179.D

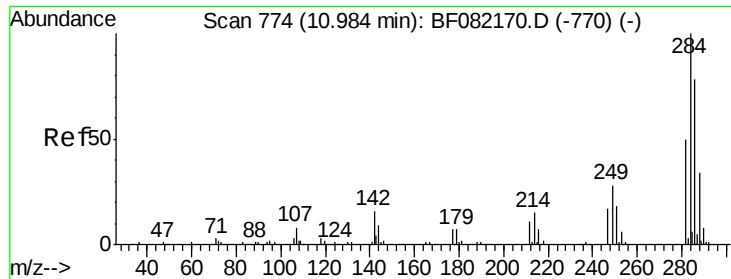
Acq: 10 Oct 2015 16:36

Tgt Ion:	248	Resp:	140387
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.6	117.8
141	75.7	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





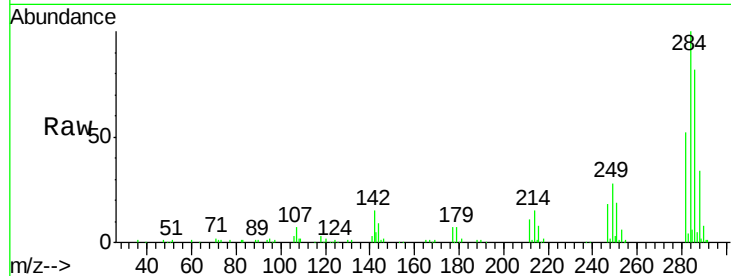
#67
Hexachlorobenzene
Concen: 44.14 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

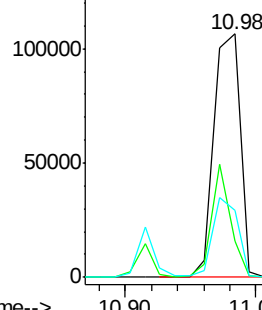
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	149397		
142	15.2	13.0	19.6	
249	27.6	22.5	33.7	

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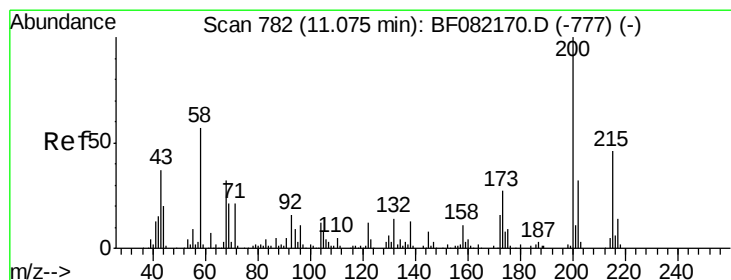
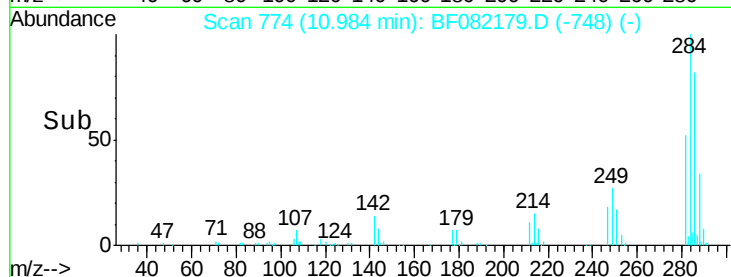
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

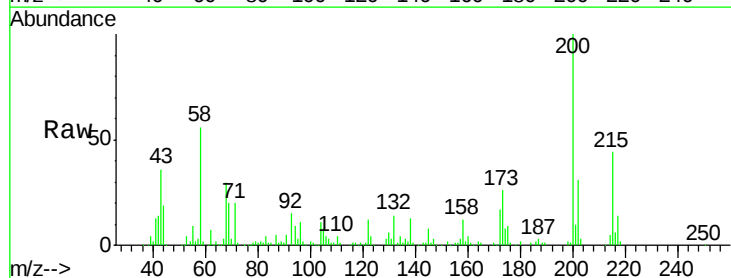


Time-->

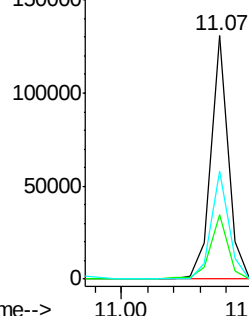


#68
Atrazine
Concen: 40.17 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

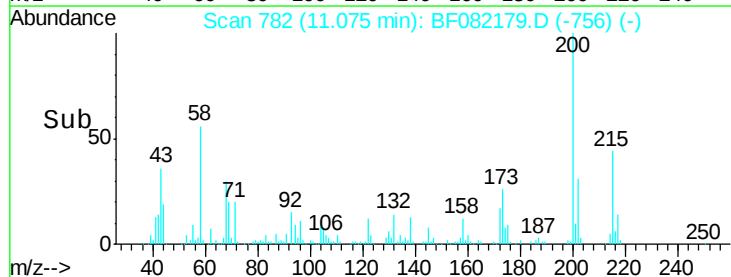
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	119156		
173	26.3	7.3	47.3	
215	44.4	26.2	66.2	

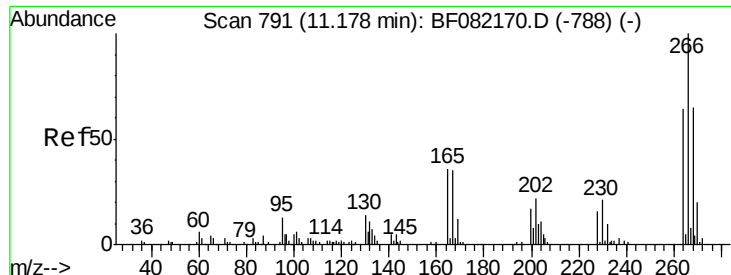


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





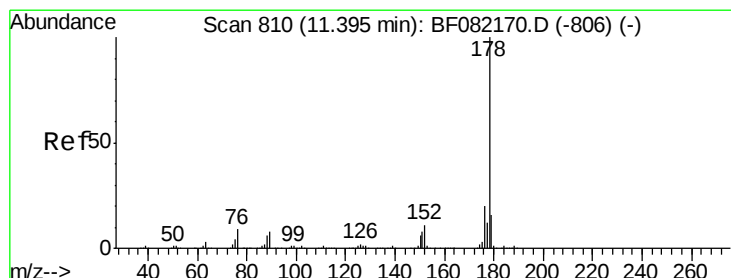
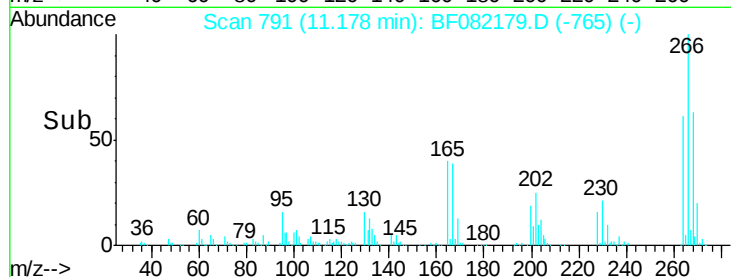
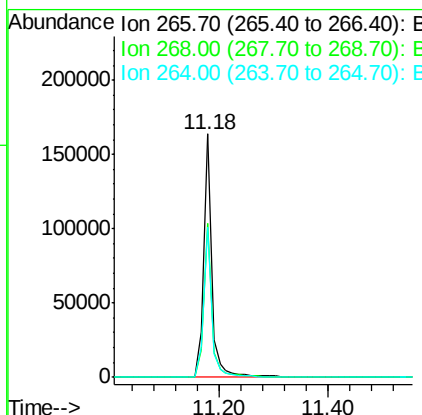
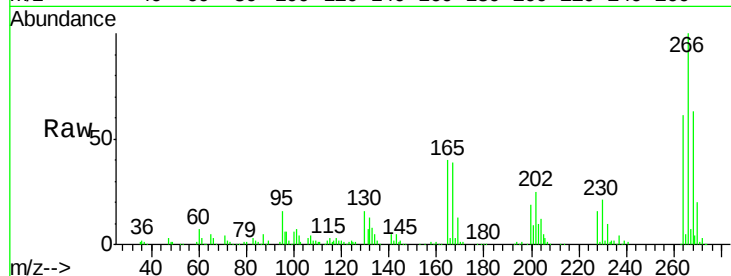
#69
 Pentachlorophenol
 Concen: 99.03 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	172488		
268	63.2	52.0	78.0	
264	61.4	51.4	77.0	

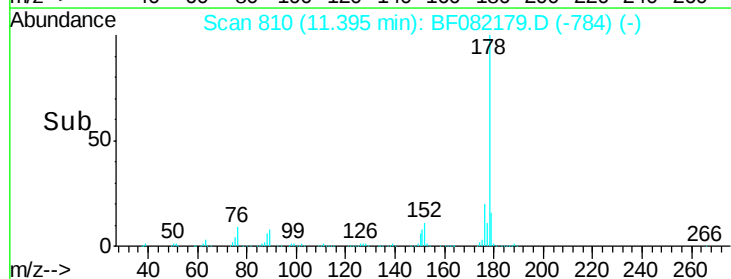
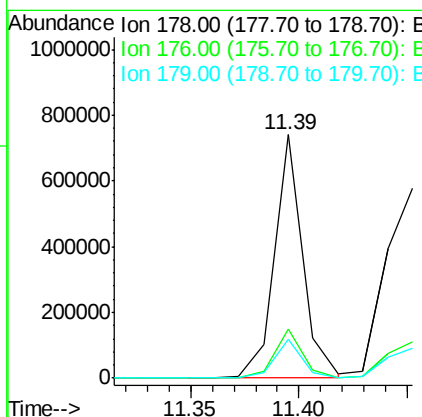
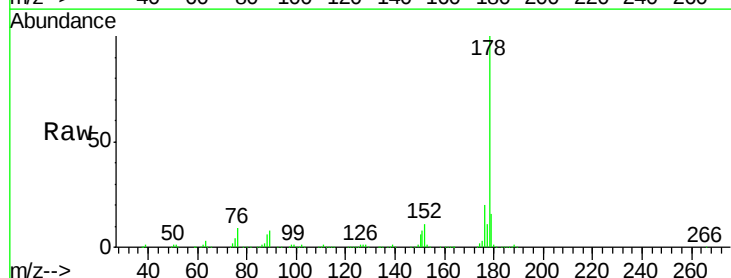
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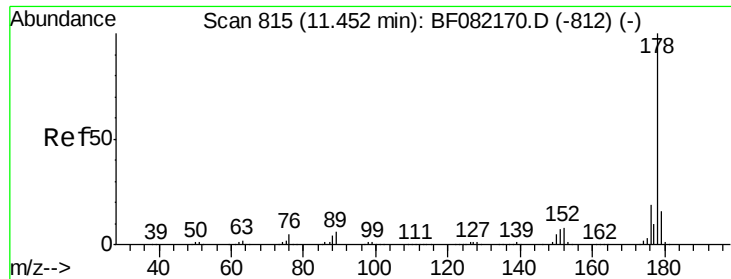
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#70
 Phenanthrene
 Concen: 44.08 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	675717		
176	20.1	16.0	24.0	
179	15.8	12.6	19.0	





#71

Anthracene

Concen: 47.30 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082179.D

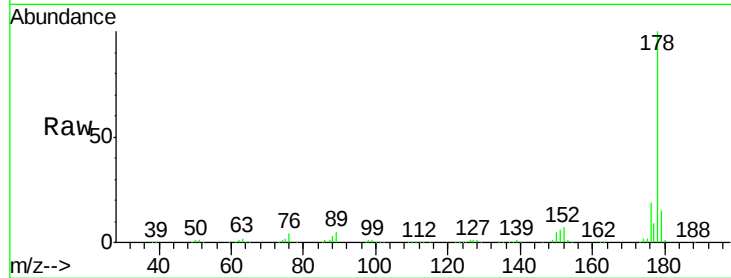
Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

ClientSampleId :

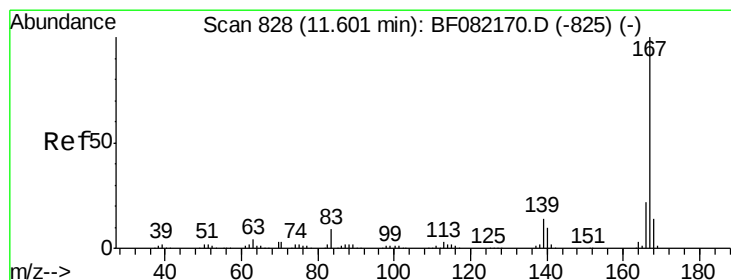
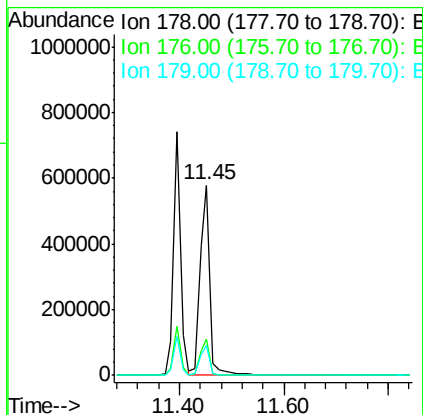
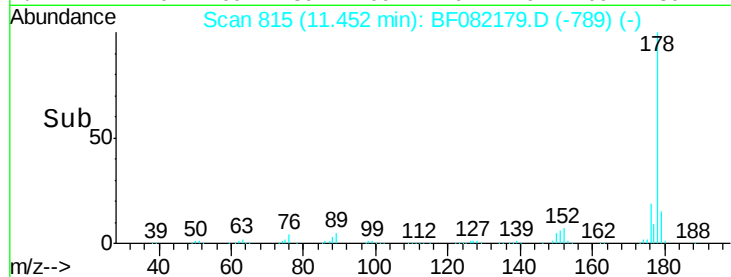
PB86017BSD



Tgt Ion:	178	Resp:	747070
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.0
179	15.5	12.5	18.7

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#72

Carbazole

Concen: 43.46 ng

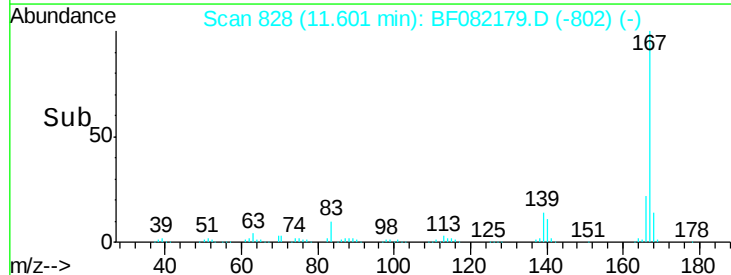
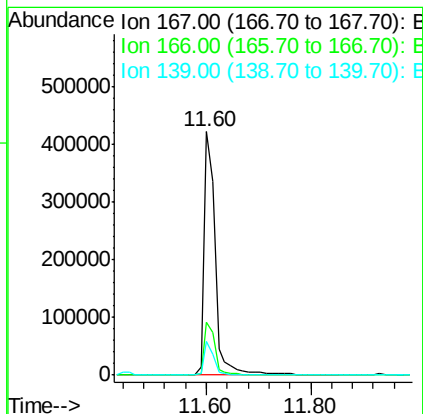
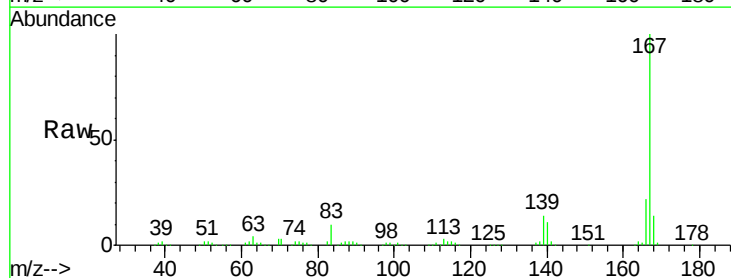
RT: 11.60 min Scan# 828

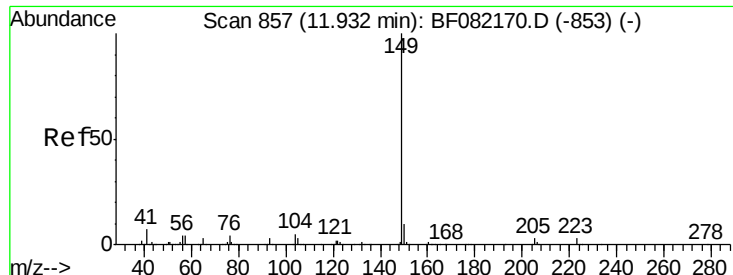
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:	167	Resp:	626257
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.3	25.9
139	14.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.07 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

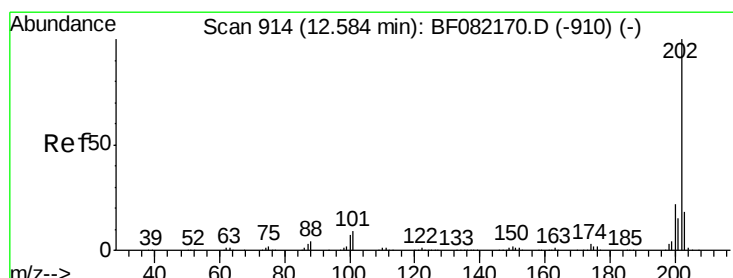
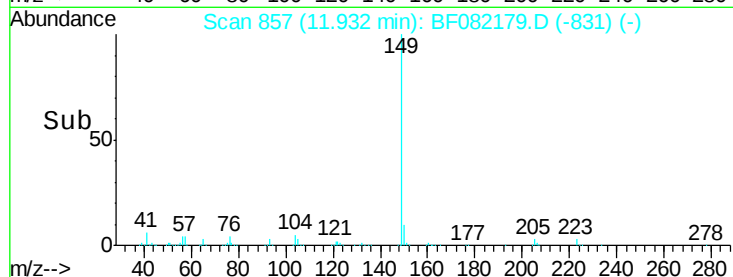
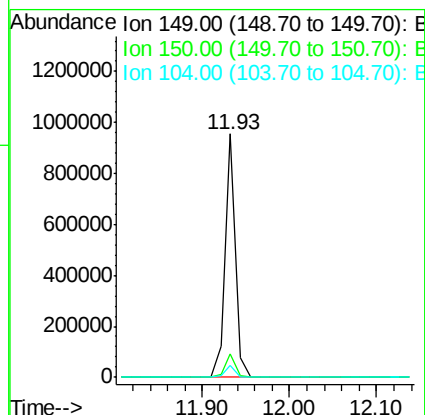
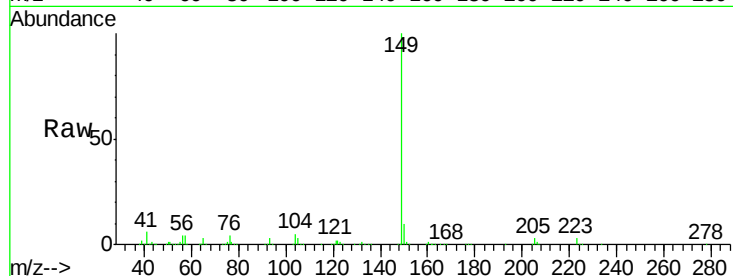
ClientSampleId :

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Tgt Ion:	149	Resp:	801217
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8



#74

Fluoranthene

Concen: 46.22 ng

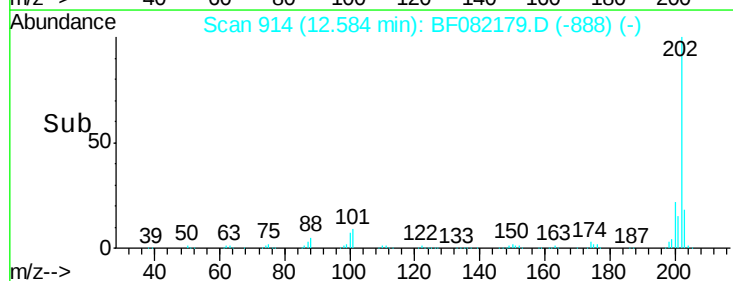
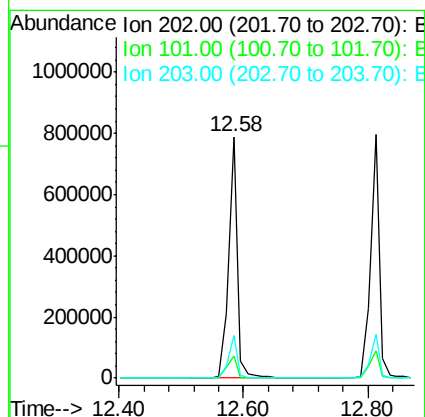
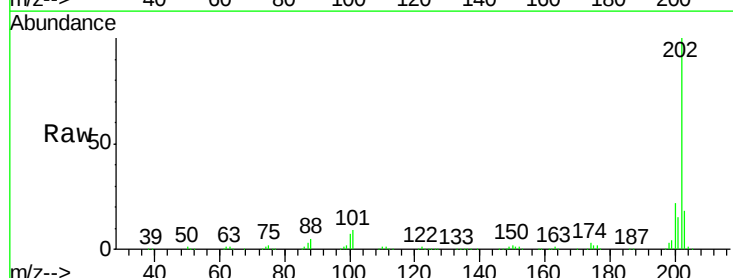
RT: 12.58 min Scan# 914

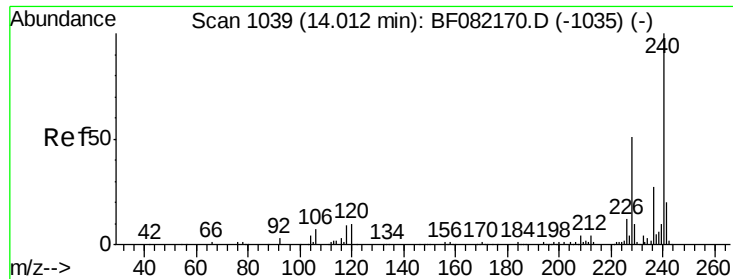
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:	202	Resp:	760943
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.3
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Instrument :

BNA_F

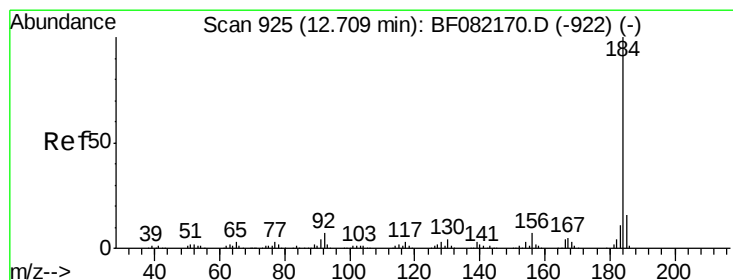
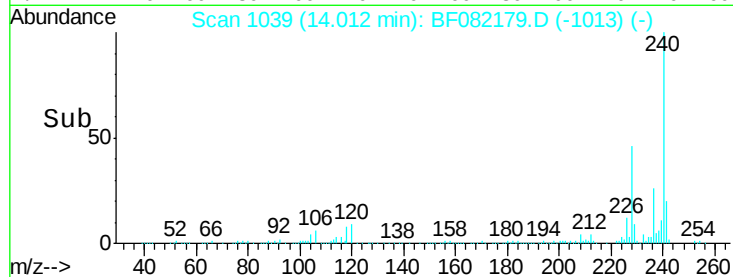
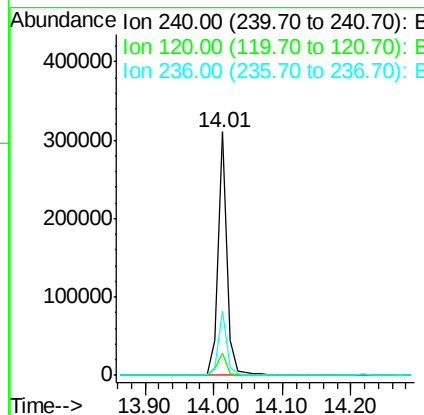
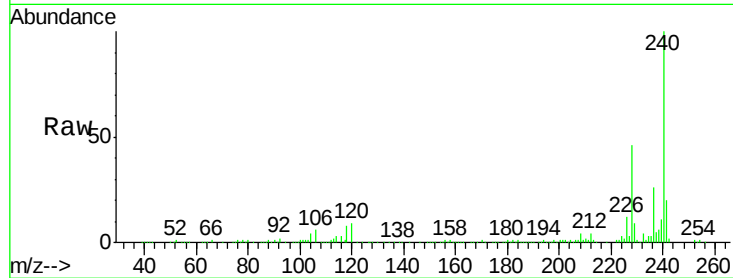
ClientSampleId :

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Tgt Ion:	240	Resp:	287309
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.1	12.1
236	26.3	21.3	31.9

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#76

Benzidine

Concen: 19.51 ng

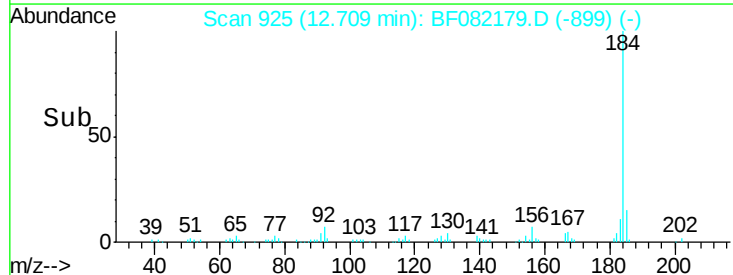
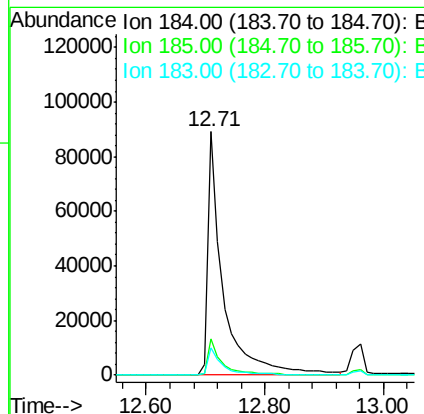
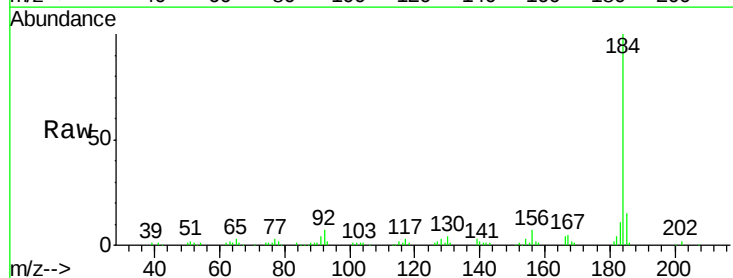
RT: 12.71 min Scan# 925

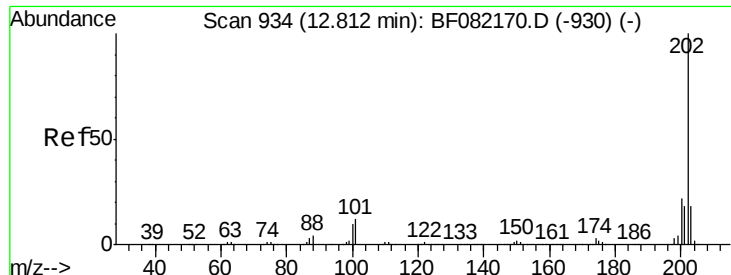
Delta R.T. 0.00 min

Lab File: BF082179.D

Acq: 10 Oct 2015 16:36

Tgt Ion:	184	Resp:	162473
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.5	18.7
183	11.1	9.1	13.7





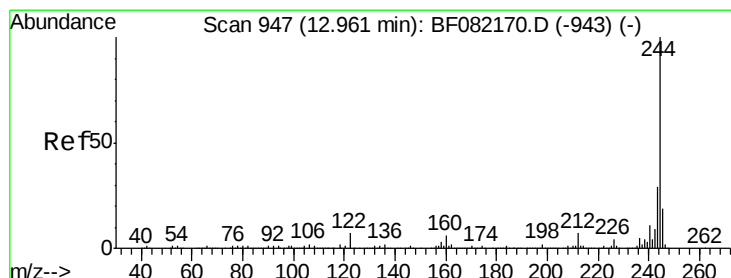
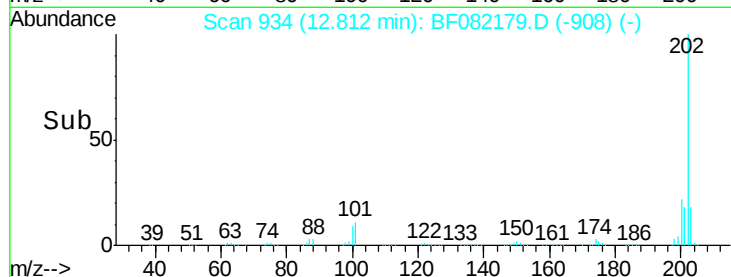
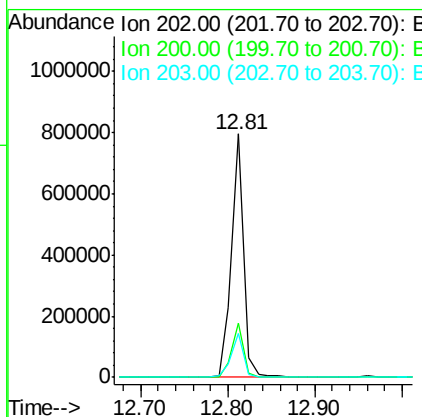
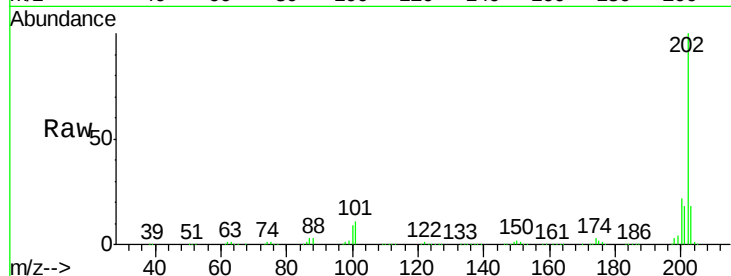
#77
 Pyrene
 Concen: 44.97 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	766844		
200	22.1		17.9	26.9
203	17.9		14.5	21.7

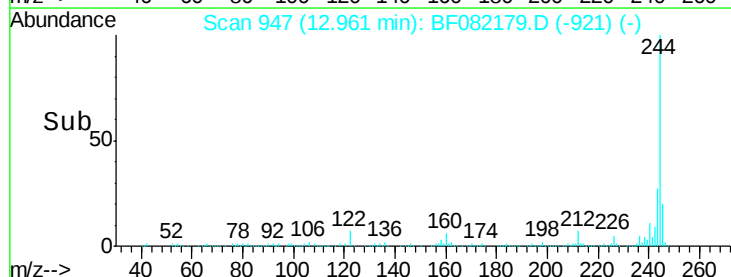
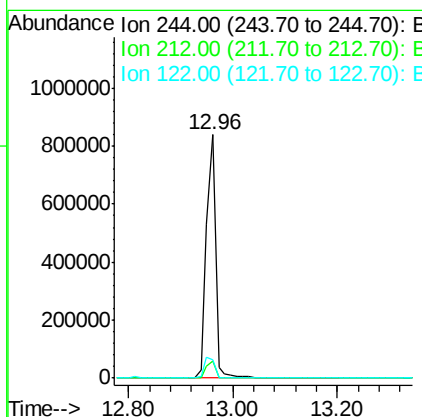
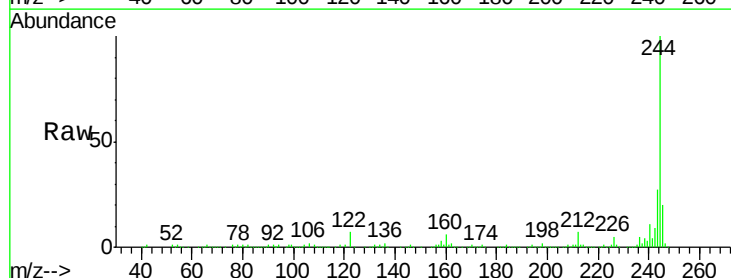
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#78
 Terphenyl-d14
 Concen: 94.54 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

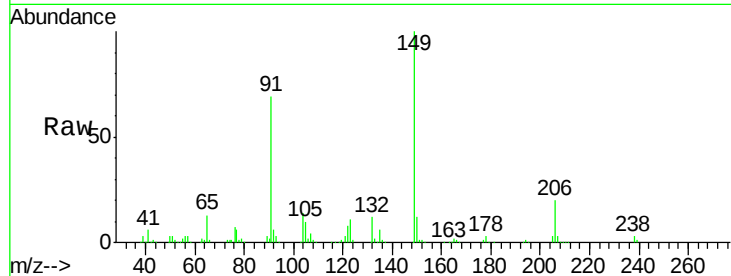
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1025008		
212	7.1		5.8	8.6
122	7.3		5.9	8.9





#79
Butylbenzylphthalate
Concen: 43.48 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

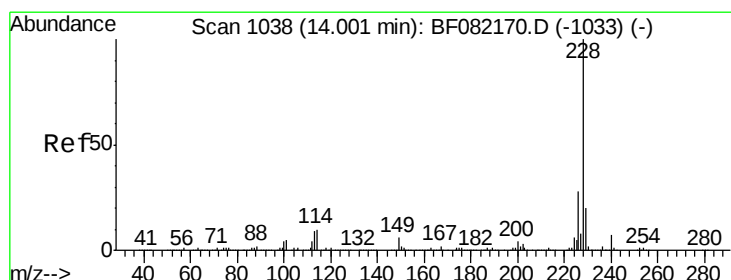
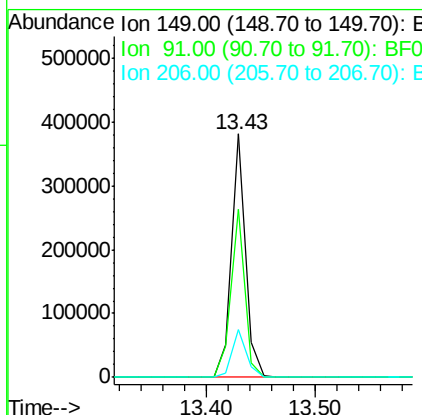
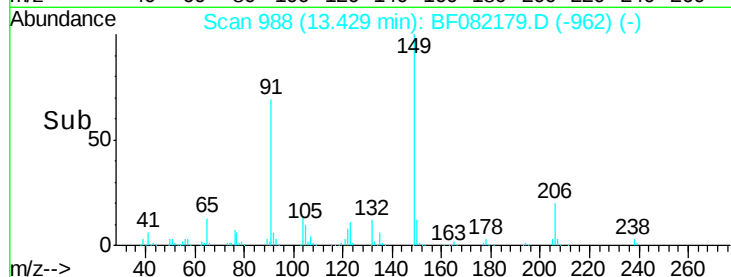
Instrument :
BNA_F
ClientSampleId :
PB86017BSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	338344		
91	69.0	55.7	83.5	
206	19.6	15.6	23.4	

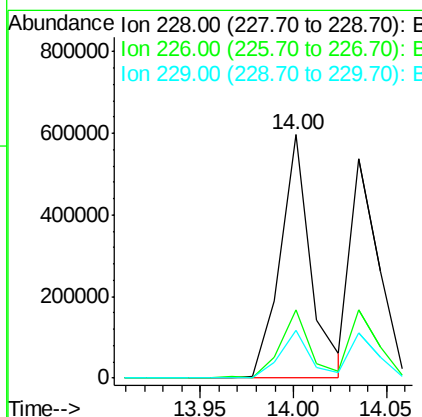
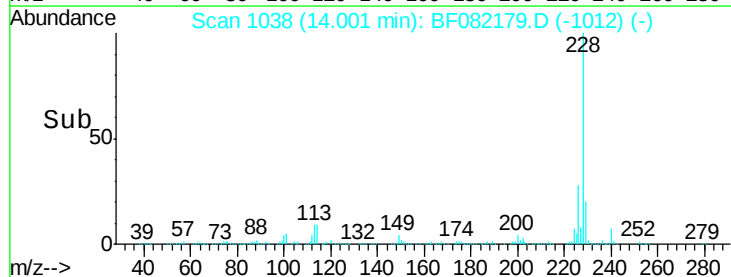
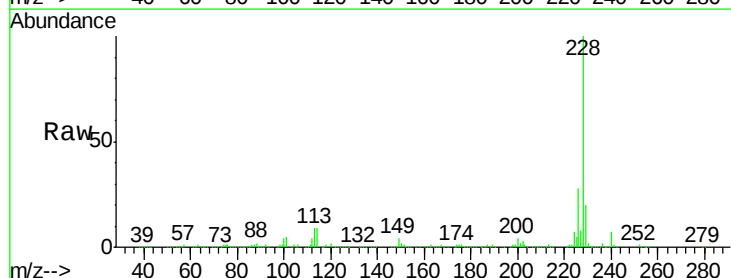
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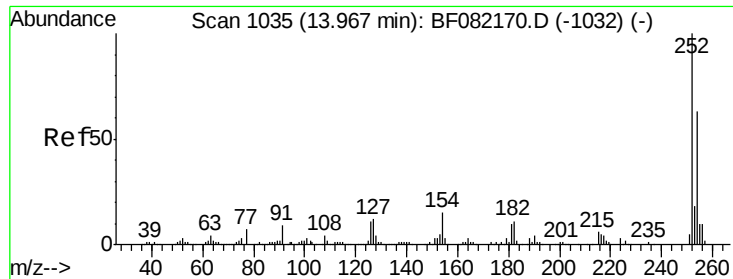
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#80
Benzo(a)anthracene
Concen: 45.56 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	681038		
226	27.9	22.3	33.5	
229	19.9	16.2	24.2	





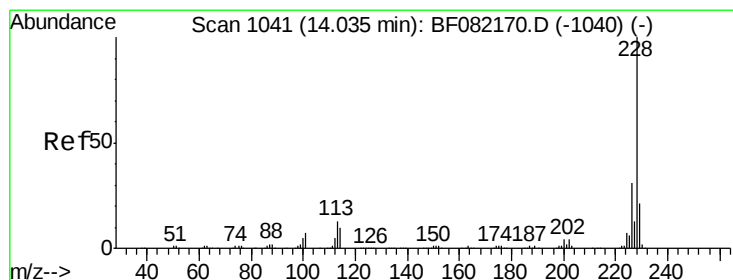
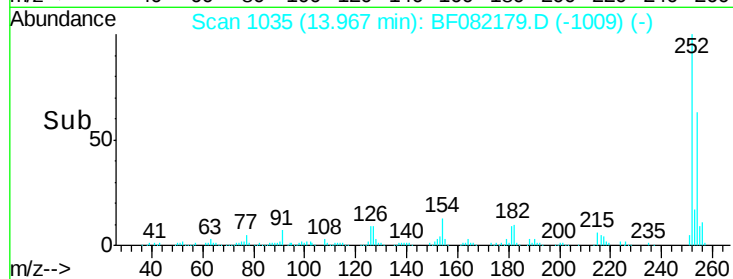
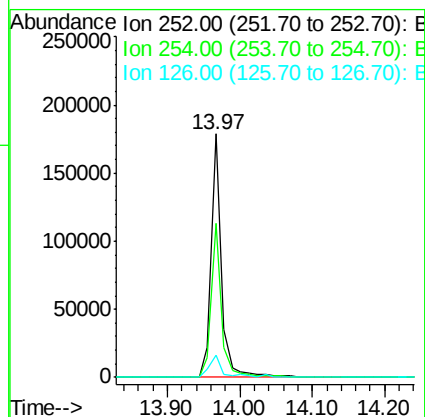
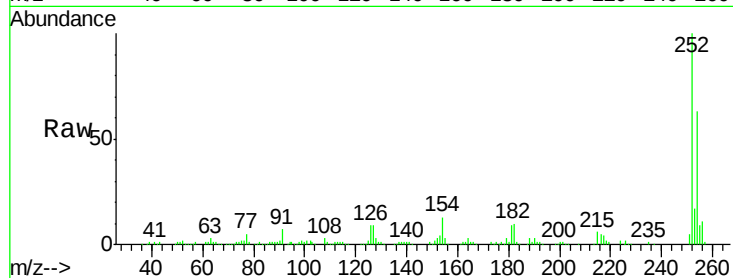
#81
 3,3'-Dichlorobenzidine
 Concen: 31.50 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.2	50.7	76.1
126	9.3	9.0	13.6

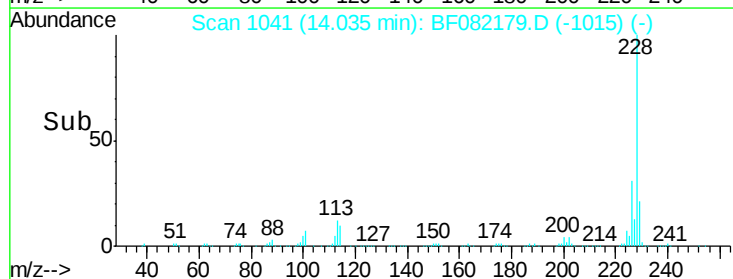
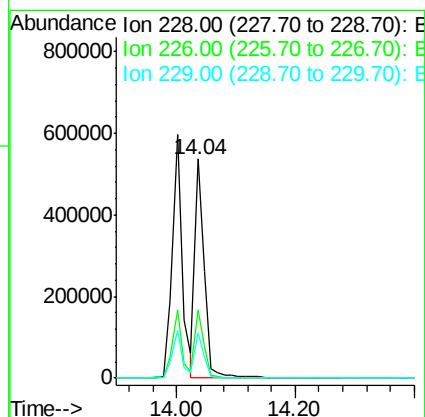
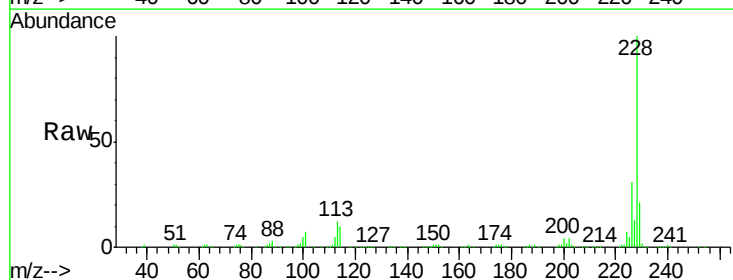
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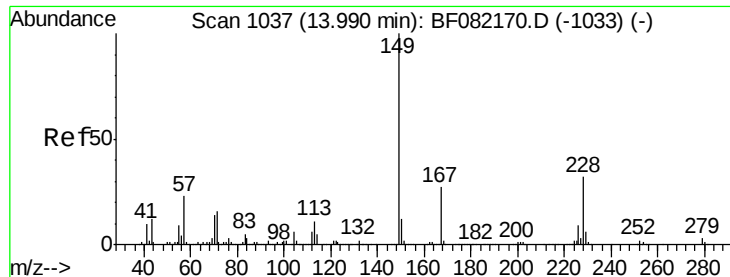
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#82
 Chrysene
 Concen: 37.91 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.4	36.6
229	20.6	16.3	24.5





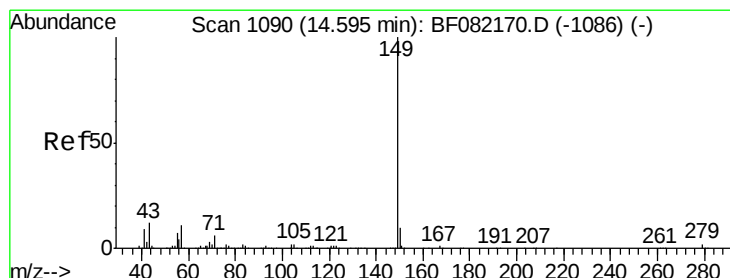
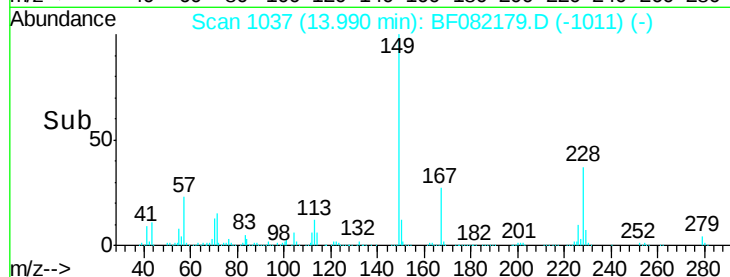
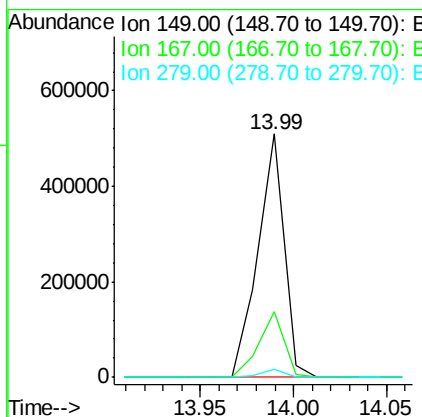
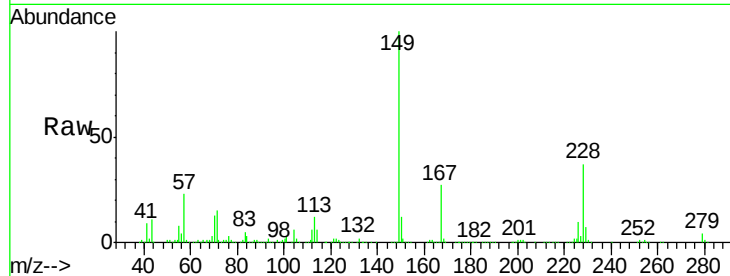
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.71 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	496290		
167	27.0	21.3	31.9	
279	3.6	2.6	4.0	

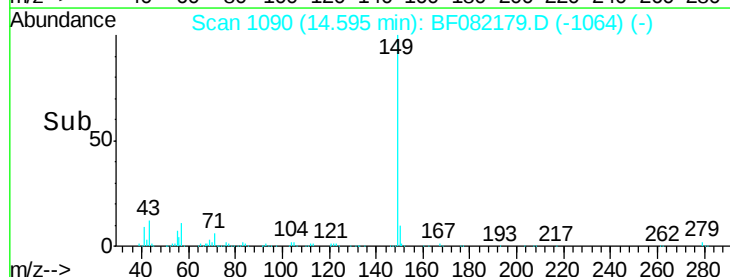
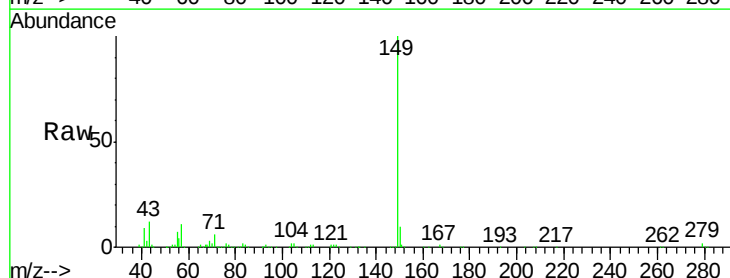
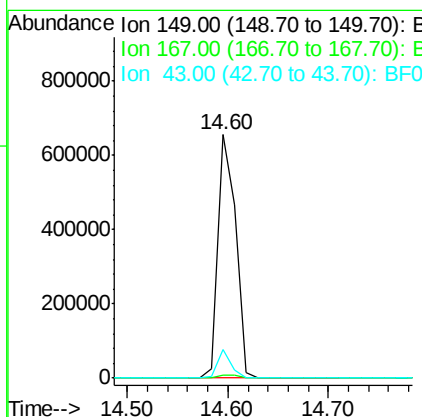
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#84
 Di-n-octyl phthalate
 Concen: 41.98 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	800437		
167	1.5	1.3	1.9	
43	9.4	7.4	11.2	





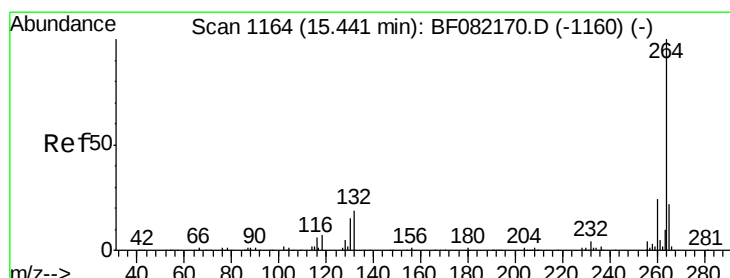
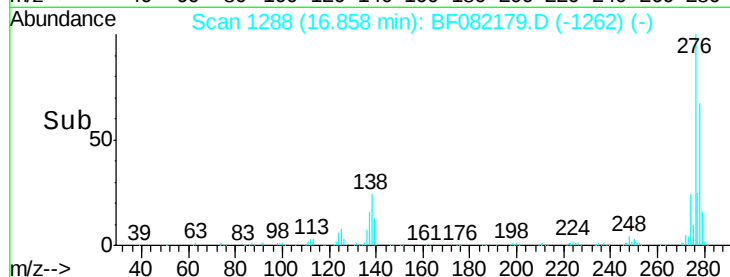
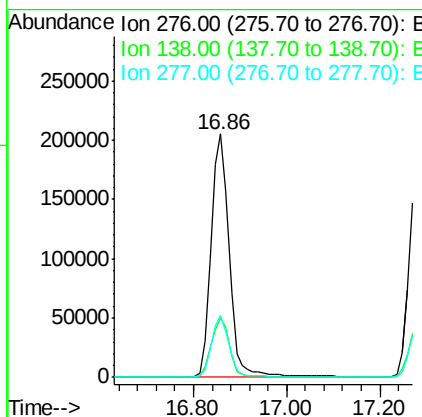
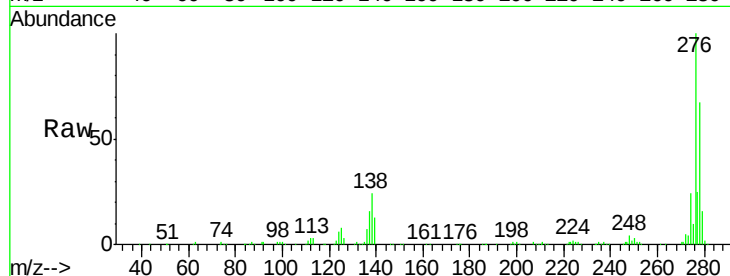
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.89 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.7	29.5
277	24.7	20.1	30.1

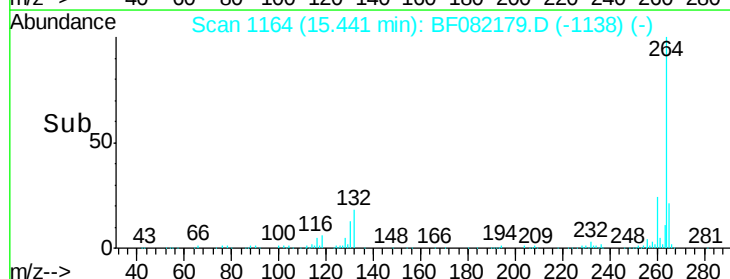
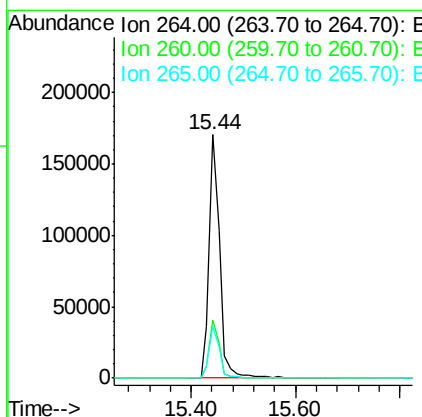
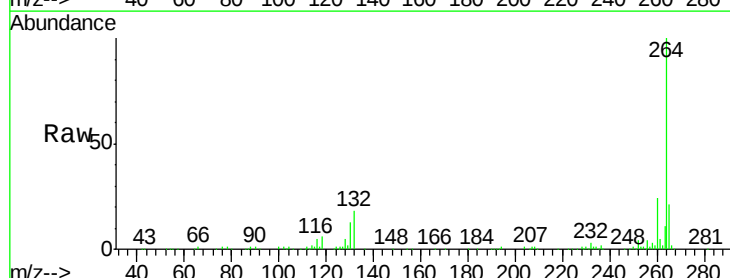
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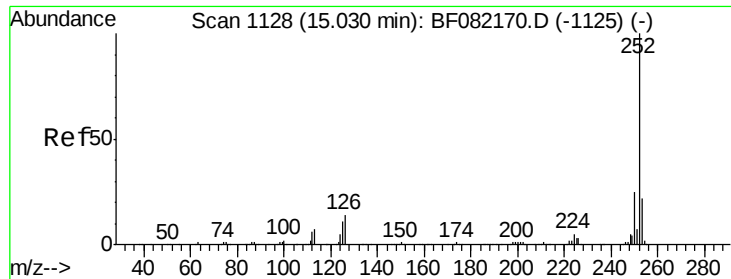
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.4	17.3	25.9





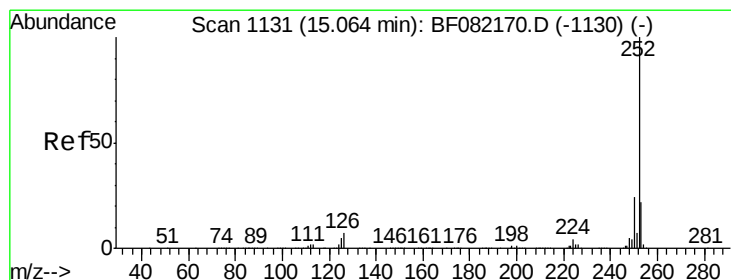
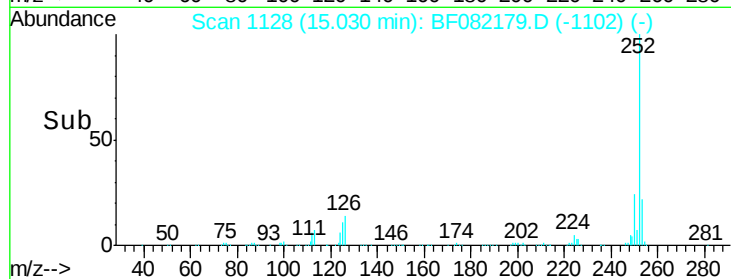
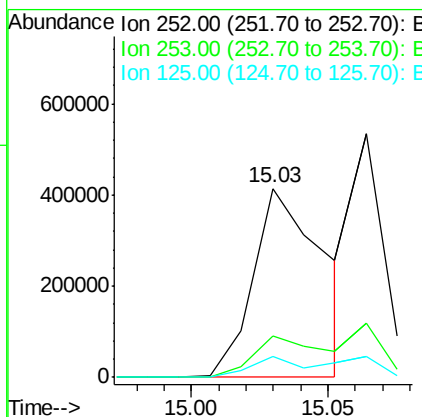
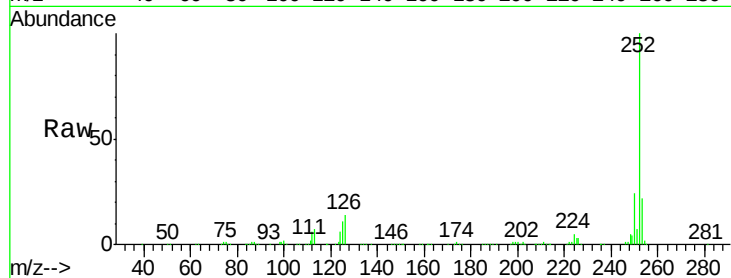
#87
Benzo(b)fluoranthene
Concen: 51.17 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.8	8.6	12.8

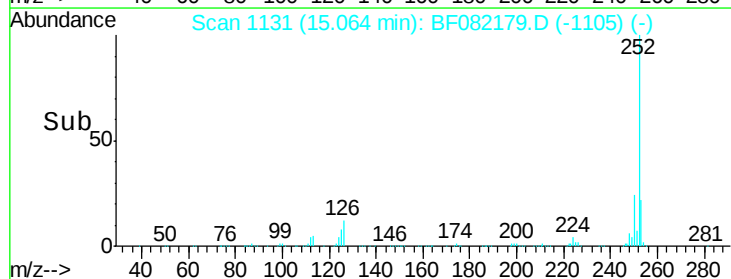
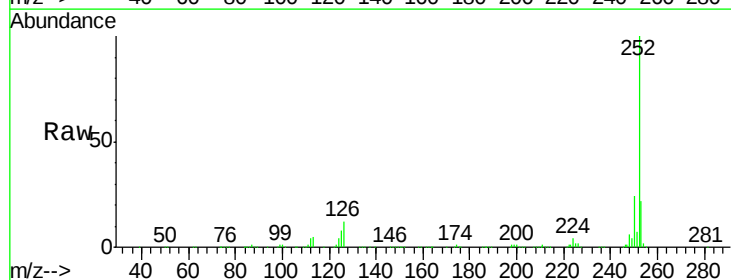
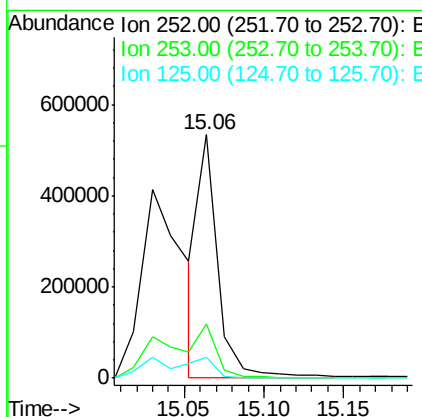
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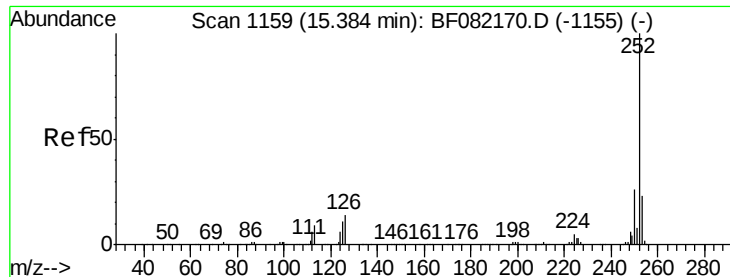
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#88
Benzo(k)fluoranthene
Concen: 38.23 ng m
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.4	6.7	10.1





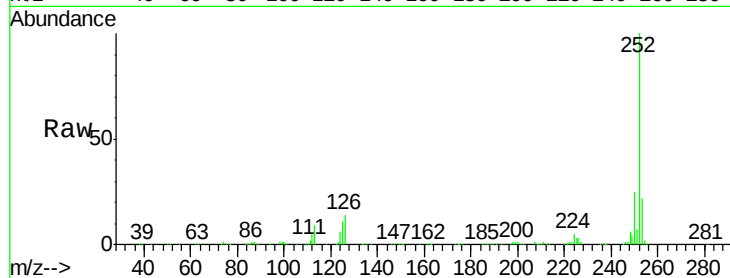
#89
Benzo(a)pyrene
Concen: 45.88 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

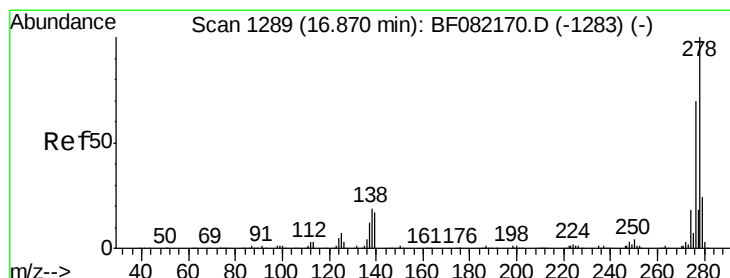
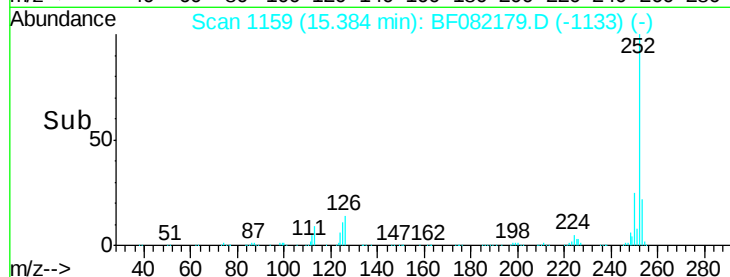
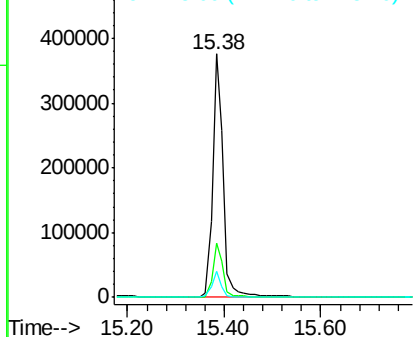
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.5	8.9	13.3

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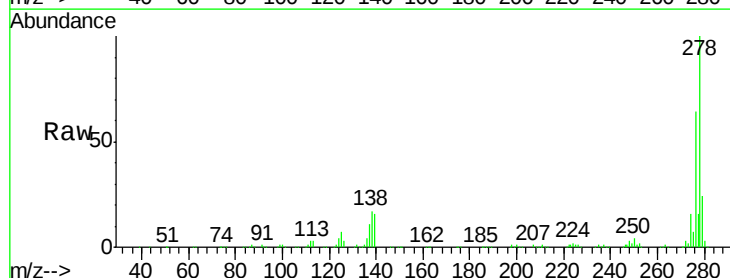


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

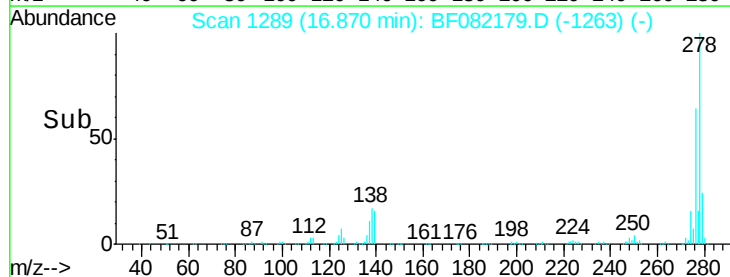
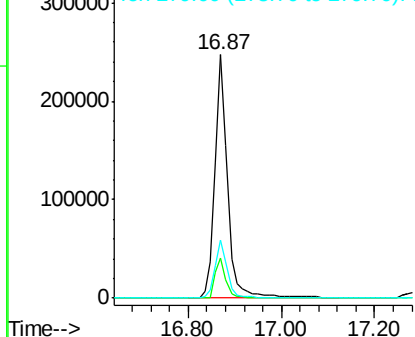


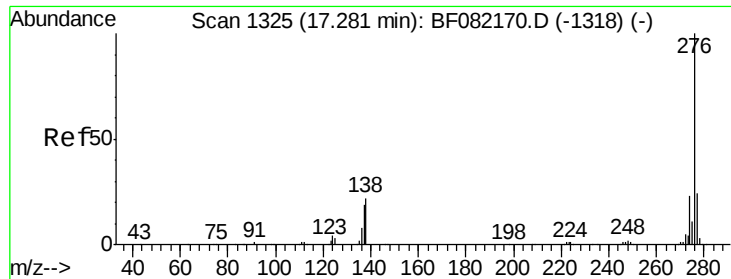
#90
Dibenzo(a,h)anthracene
Concen: 46.00 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082179.D
Acq: 10 Oct 2015 16:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	23.8	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: 45.43 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082179.D
 Acq: 10 Oct 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86017BSD

Tgt	Ion	276	Resp:	453075
Ion	Ratio	Lower	Upper	
276	100			
277	22.7	18.8	28.2	
138	21.2	17.4	26.2	

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