

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086364.D
 Acq On : 23 Apr 2016 1:54
 Operator : UM/SJ
 Sample : PB90017BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Manual Integrations
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 4/25/2016 12:35:43 PM

Quant Time: Apr 23 03:32:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	182347	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	765139	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	385970	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	739046	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	563455	20.00	ng	0.00
86) Perylene-d12	15.41	264	521322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1218251	115.38	ng	0.02
7) Phenol-d6	6.48	99	1508297	105.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	966941	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	385176	110.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1759258	77.78	ng	0.00
78) Terphenyl-d14	12.95	244	1632795	72.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	172564	29.55	ng	97
3) Pyridine	3.21	79	483917	34.78	ng	98
4) n-Nitrosodimethylamine	3.15	42	180427	34.18	ng	98
6) Aniline	6.51	93	482462	27.54	ng	89
8) 2-Chlorophenol	6.62	128	474324	36.79	ng	98
9) Benzaldehyde	6.38	77	84794	9.72	ng	93
10) Phenol	6.49	94	620855	36.63	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	503116	34.09	ng	98
12) 1,3-Dichlorobenzene	6.78	146	509253	37.04	ng	98
13) 1,4-Dichlorobenzene	6.86	146	528653	35.01	ng	97
14) 1,2-Dichlorobenzene	7.01	146	499706	36.42	ng	98
15) Benzyl Alcohol	6.99	79	357405	41.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	651157	33.66	ng	98
17) 2-Methylphenol	7.10	107	408999	38.72	ng	98
18) Hexachloroethane	7.36	117	181444	35.67	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	309396	36.07	ng	# 84
20) 3+4-Methylphenols	7.25	107	444731	39.72	ng	98
22) Acetophenone	7.25	105	626685	39.04	ng	# 96
24) Nitrobenzene	7.42	77	503584	36.35	ng	96
25) Isophorone	7.66	82	911469	36.01	ng	97
26) 2-Nitrophenol	7.74	139	280475	40.97	ng	95
27) 2,4-Dimethylphenol	7.78	122	447960	38.22	ng	90
28) bis(2-Chloroethoxy)methane	7.88	93	580933	41.10	ng	99
29) 2,4-Dichlorophenol	7.98	162	431778	44.56	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	405892	38.57	ng	94
31) Naphthalene	8.14	128	1408154	36.13	ng	99
32) Benzoic acid	7.90	122	242966	32.42	ng	90
33) 4-Chloroaniline	8.20	127	224219	14.77	ng	97
34) Hexachlorobutadiene	8.27	225	203470	38.71	ng	99
35) Caprolactam	8.57	113	149381m	42.97	ng	
36) 4-Chloro-3-methylphenol	8.68	107	473513	41.12	ng	98
37) 2-Methylnaphthalene	8.84	142	932767	41.49	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	346736	34.72	ng	99
40) Hexachlorocyclopentadiene	8.99	237	384100	78.75	ng	98

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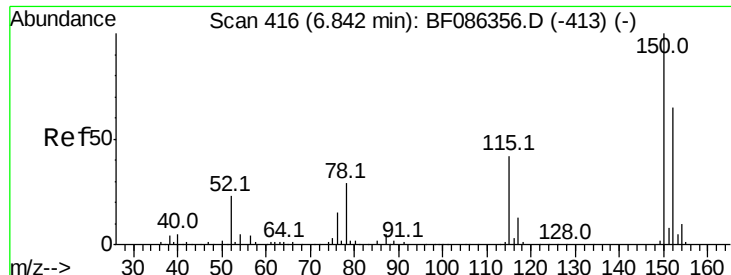
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	266902	40.76	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	312947	38.82	nq	98
45) 1,1'-Biphenyl	9.30	154	1115630	37.26	nq	96
46) 2-Chloronaphthalene	9.33	162	886907	37.42	nq	98
47) 2-Nitroaniline	9.42	65	312904	42.40	nq	99
48) Acenaphthylene	9.74	152	1471318	38.29	nq	100
49) Dimethylphthalate	9.61	163	1087171	38.99	nq	100
50) 2,6-Dinitrotoluene	9.66	165	243616	40.45	nq	97
51) Acenaphthene	9.92	154	1018320	43.14	nq	100
52) 3-Nitroaniline	9.84	138	176327	23.38	nq	97
53) 2,4-Dinitrophenol	9.94	184	261075	83.38	nq	88
54) Dibenzofuran	10.09	168	1260673	41.58	nq	100
55) 4-Nitrophenol	10.00	139	424728	80.50	nq	84
56) 2,4-Dinitrotoluene	10.08	165	335299	41.92	nq	# 70
57) Fluorene	10.43	166	956980	38.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	256958	43.61	nq	98
59) Diethylphthalate	10.30	149	1023228	38.32	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	401046	36.91	nq	98
61) 4-Nitroaniline	10.45	138	314064	40.69	nq	96
62) Azobenzene	10.58	77	1121921	40.52	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	171579	37.99	nq	85
65) n-Nitrosodiphenylamine	10.54	169	896436	39.34	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	279845	38.67	nq	93
67) Hexachlorobenzene	10.97	284	288096	37.31	nq	# 58
68) Atrazine	11.07	200	282648	40.17	nq	98
69) Pentachlorophenol	11.17	266	347701	76.69	nq	98
70) Phenanthrene	11.39	178	1463111	39.40	nq	99
71) Anthracene	11.44	178	1527888	35.91	nq	99
72) Carbazole	11.60	167	1612551	40.35	nq	100
73) Di-n-butylphthalate	11.93	149	1650466	39.26	nq	99
74) Fluoranthene	12.57	202	1529308	38.19	nq	98
76) Benzidine	12.69	184	672586	29.11	nq	98
77) Pyrene	12.80	202	1493014	37.99	nq	99
79) Butylbenzylphthalate	13.43	149	774468	42.31	nq	99
80) Benzo(a)anthracene	13.99	228	1085802	37.12	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	202554	10.04	nq	# 98
82) Chrysene	14.02	228	1303161	39.54	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	811127	39.57	nq	100
84) Di-n-octyl phthalate	14.59	149	1661857	42.23	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1113481	38.01	nq	100
87) Benzo(b)fluoranthene	15.00	252	1421753m	49.69	nq	
88) Benzo(k)fluoranthene	15.04	252	965531m	34.38	nq	
89) Benzo(a)pyrene	15.36	252	1150047	40.74	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	913530	39.23	nq	98
91) Benzo(g,h,i)perylene	17.20	276	942241	39.20	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

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Instrument :

BNA_F

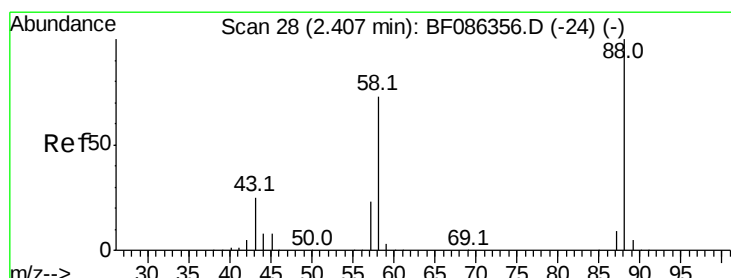
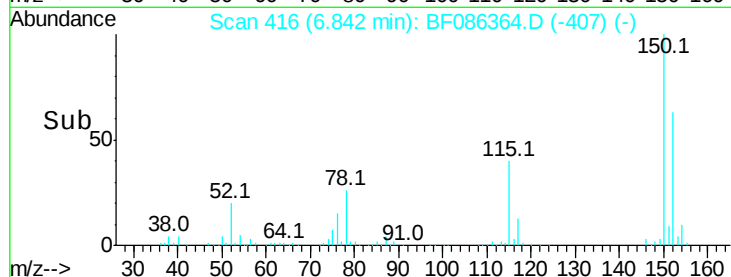
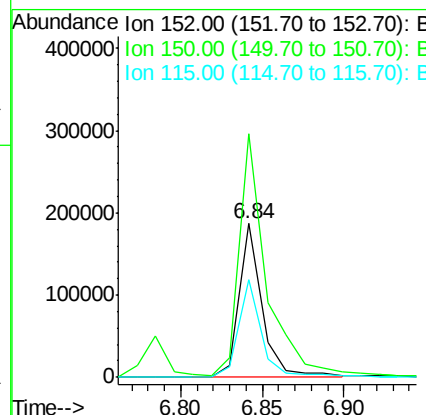
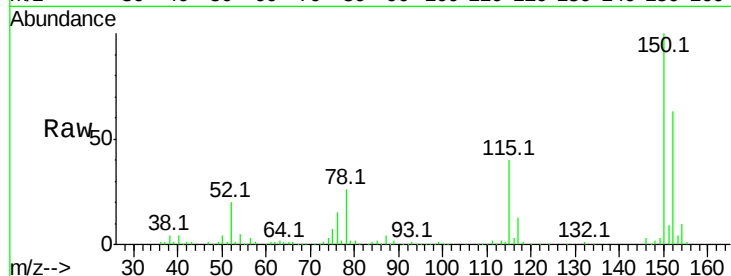
ClientSampleId :

PB90017BS

Tot Ion:	152	Resp:	182347
Ion Ratio	Lower	Upper	
152	100		
150	158.7	125.8	188.6
115	63.4	51.5	77.3

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#2

1,4-Dioxane

Concen: 29.55 ng

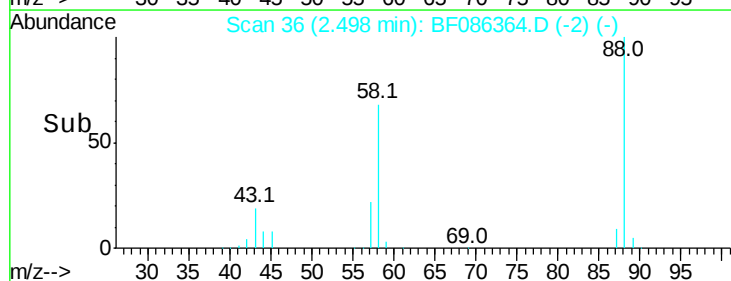
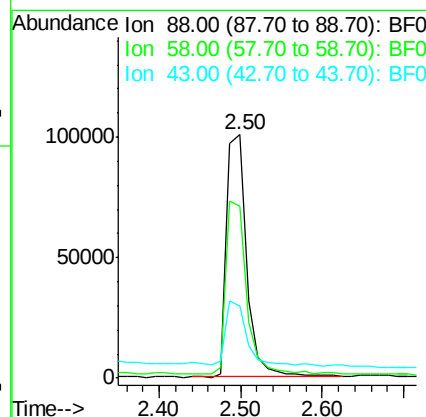
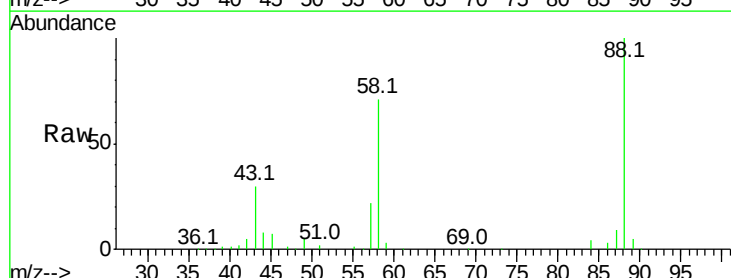
RT: 2.50 min Scan# 36

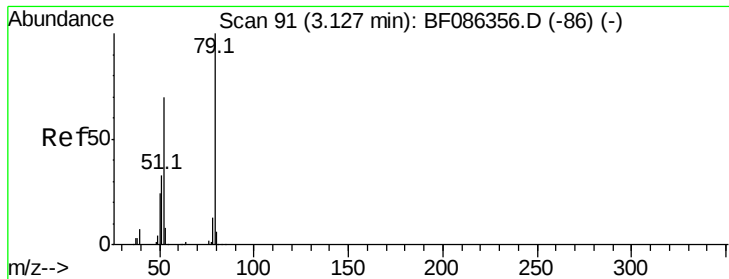
Delta R.T. 0.09 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	88	Resp:	172564
Ion Ratio	Lower	Upper	
88	100		
58	71.7	59.6	89.4
43	27.6	21.8	32.6





#3

Pvridine

Concen: 34.78 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

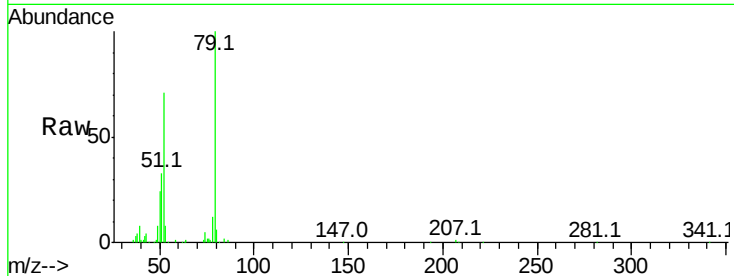
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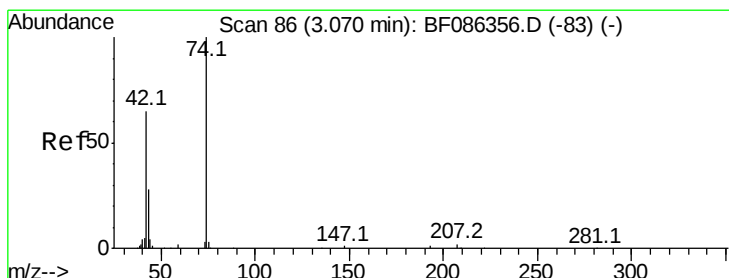
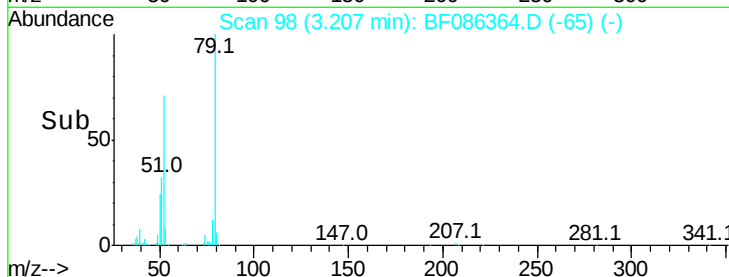
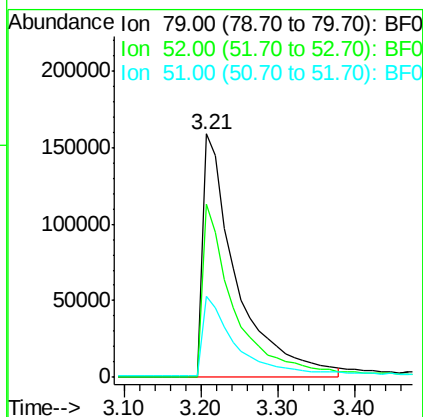
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		483917		
52	71.3	55.9	83.9		
51	33.3	28.1	42.1		



#4

n-Nitrosodimethylamine

Concen: 34.18 ng

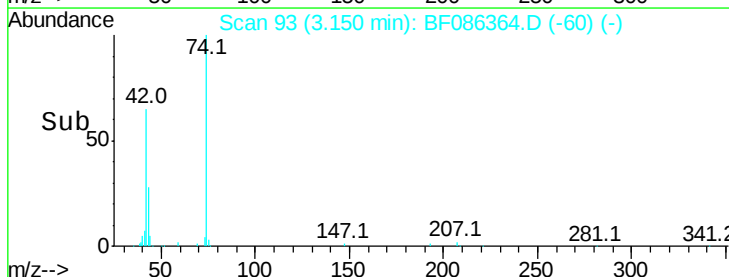
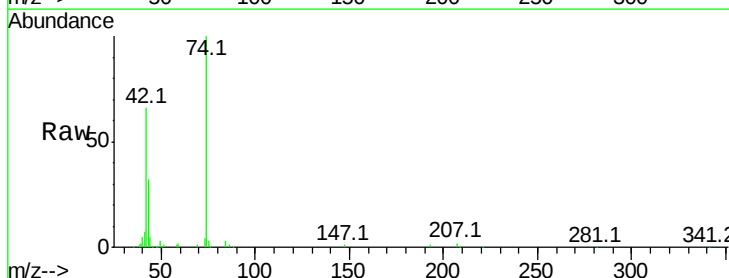
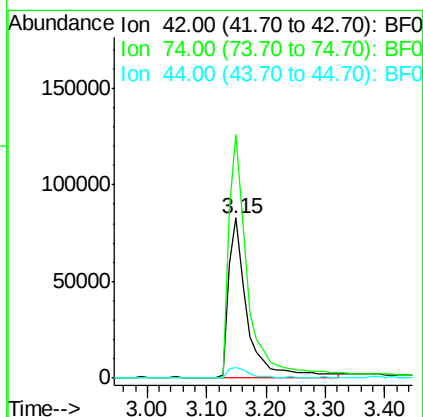
RT: 3.15 min Scan# 93

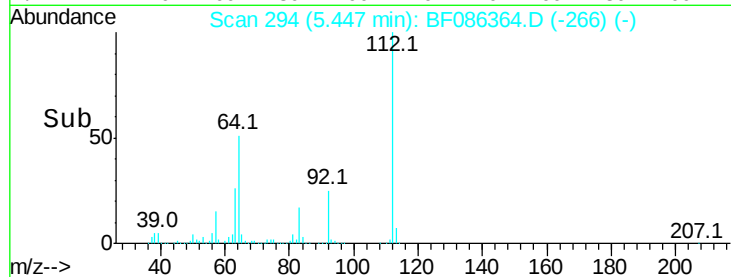
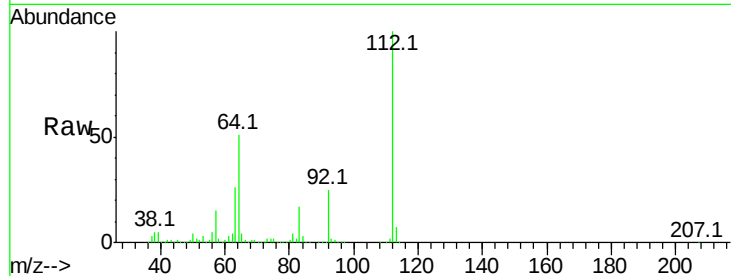
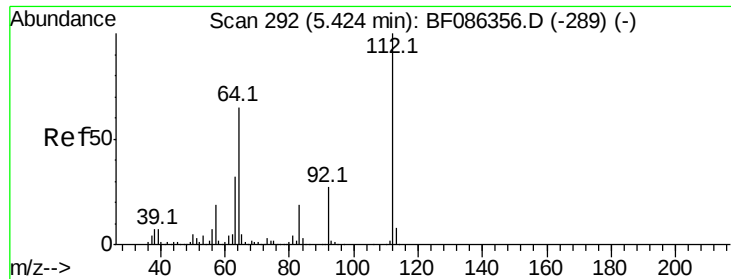
Delta R.T. 0.08 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		180427		
74	151.9	123.4	185.0		
44	7.0	5.8	8.6		





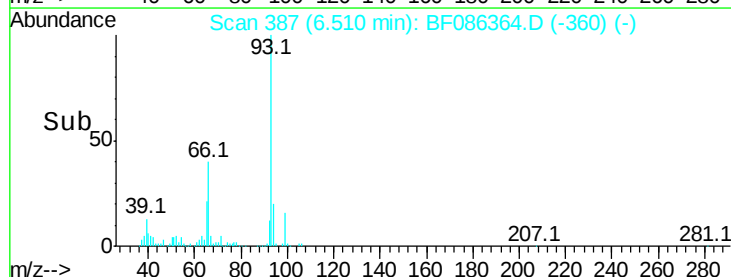
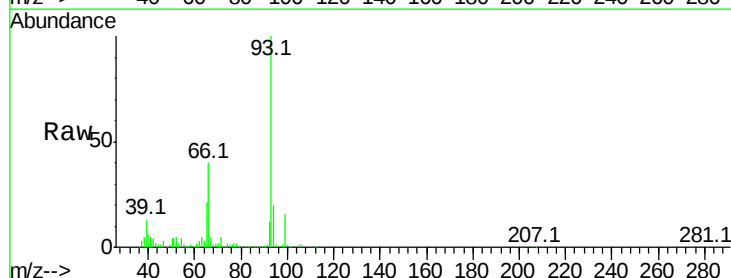
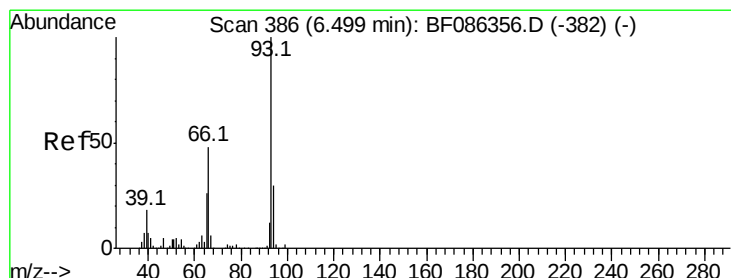
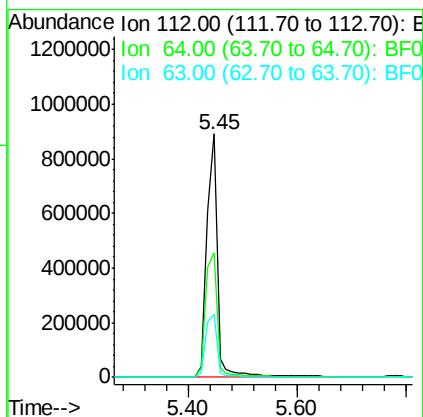
#5
2-Fluorophenol
Concen: 115.38 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tot Ion: 112 Resp: 1218251
Ion Ratio Lower Upper
112 100
64 51.2 52.1 78.1#
63 25.9 25.7 38.5

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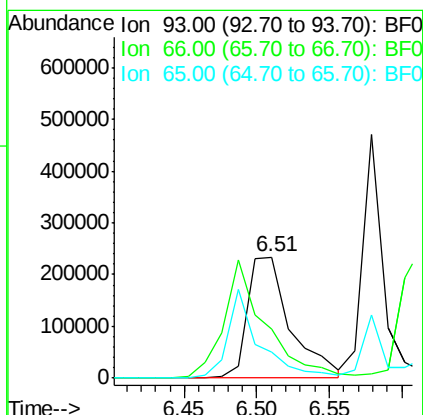
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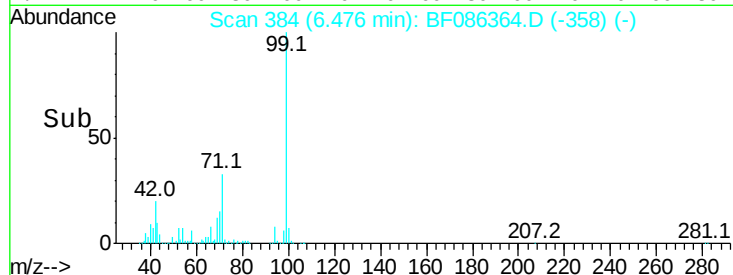
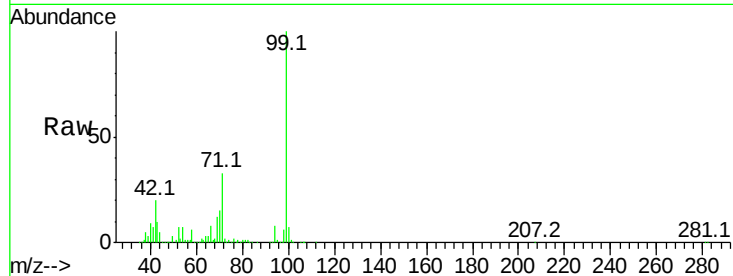
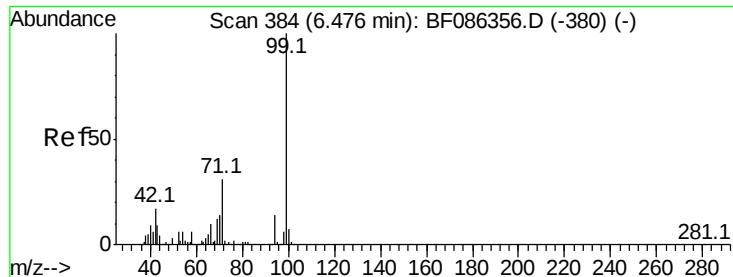
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#6
Aniline
Concen: 27.54 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion: 93 Resp: 482462
Ion Ratio Lower Upper
93 100
66 40.1 39.0 58.6
65 21.3 20.6 31.0





#7

Phenol-d6

Concen: 105.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tot Ion:	99	Resp:	1508297
Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.6	20.4
71	33.3	24.6	36.8

Instrument :

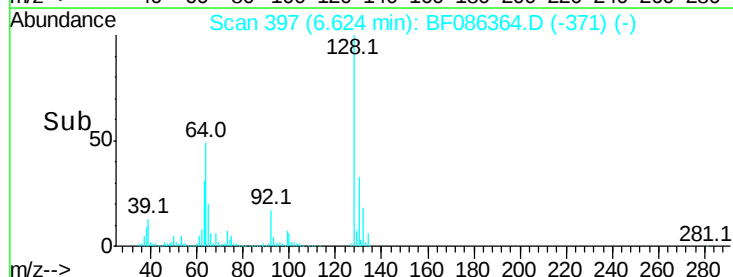
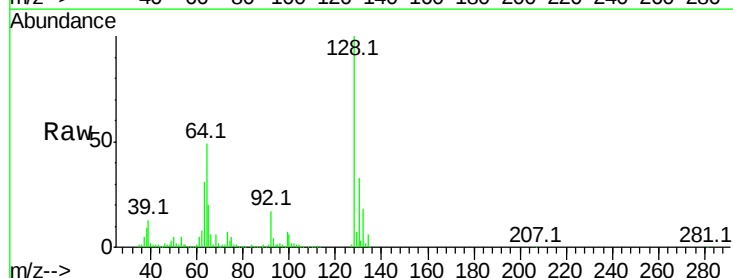
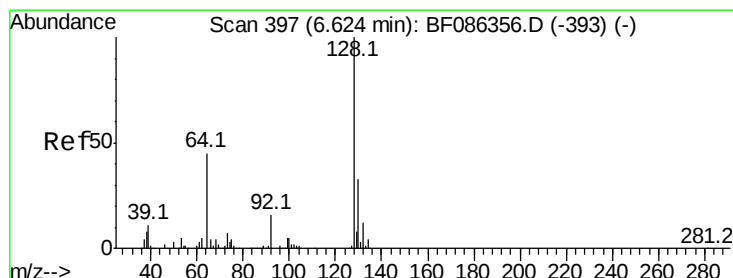
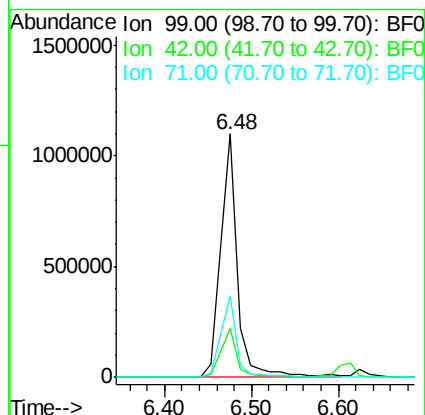
BNA_F

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#8

2-Chlorophenol

Concen: 36.79 ng

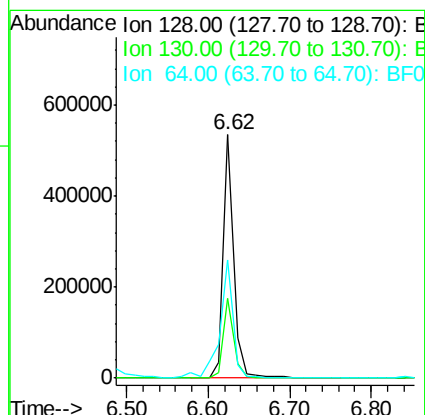
RT: 6.62 min Scan# 397

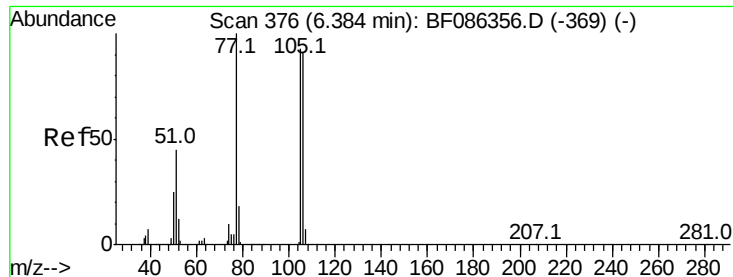
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	128	Resp:	474324
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	48.8	27.3	67.3





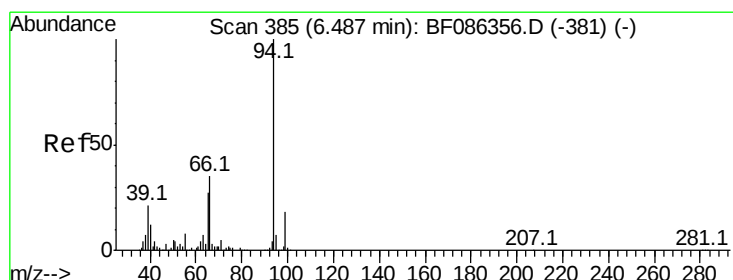
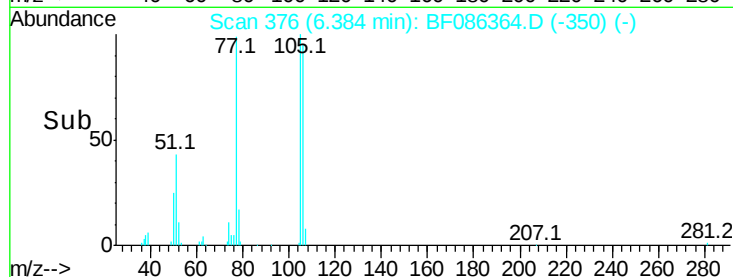
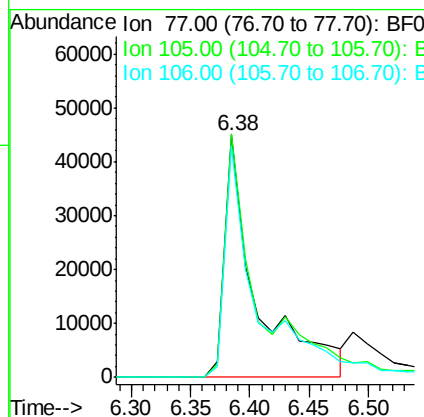
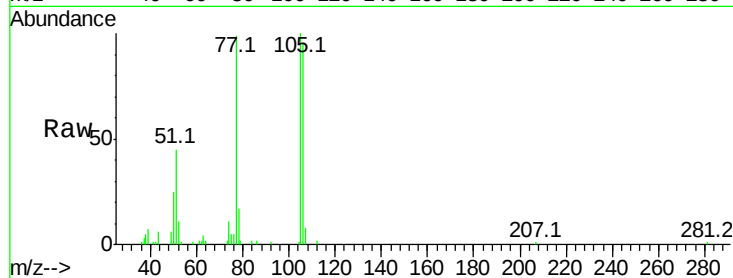
#9
Benzaldehyde
Concen: 9.72 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.6	72.7	112.7		
106	95.4	70.8	110.8		

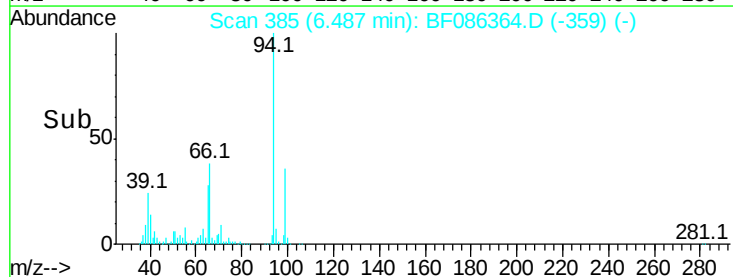
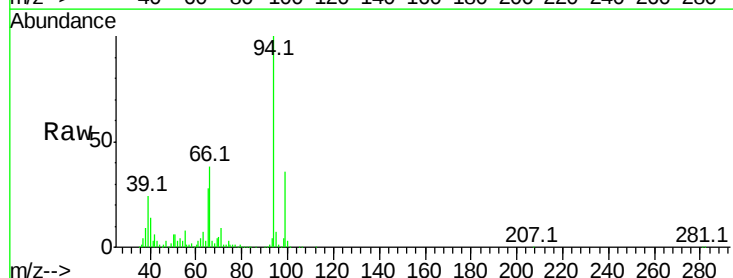
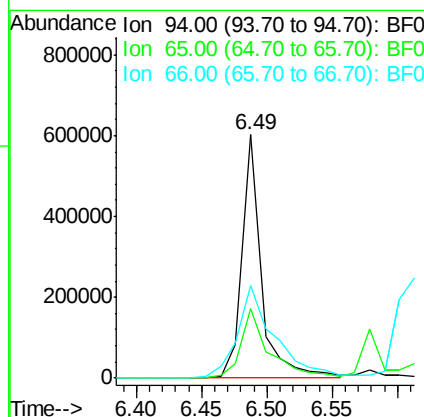
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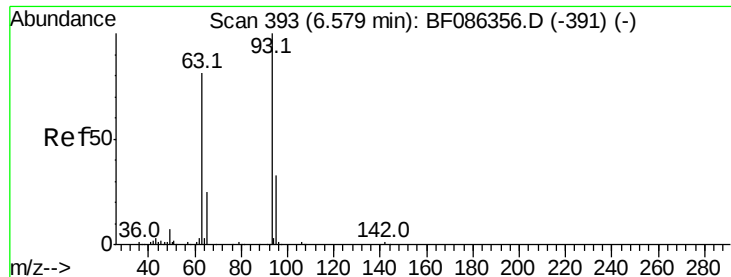
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#10
Phenol
Concen: 36.63 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.5	7.2	47.2		
66	37.8	14.9	54.9		





#11

bis(2-Chloroethyl)ether

Concen: 34.09 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

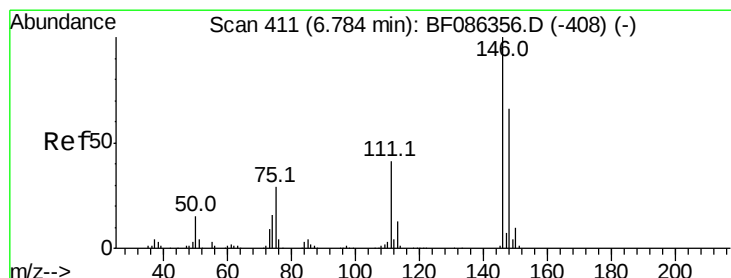
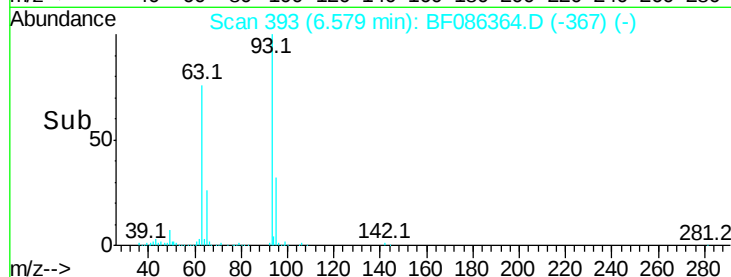
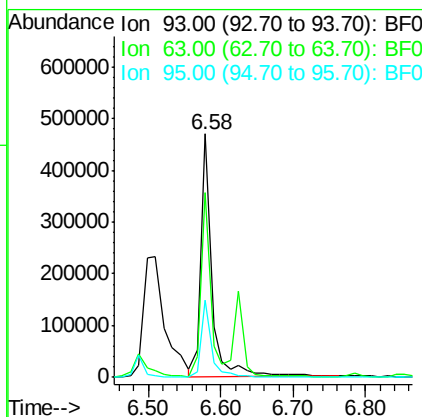
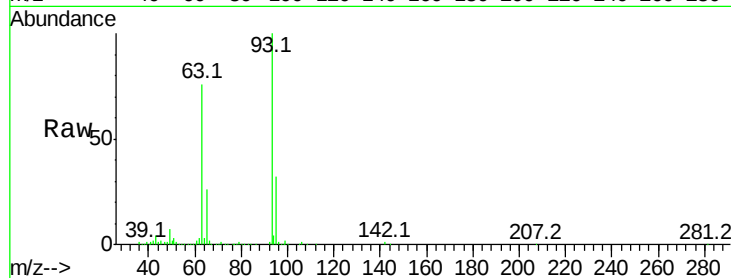
ClientSampleId :

PB90017BS

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Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	58.0	98.0
95	31.6	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 37.04 ng

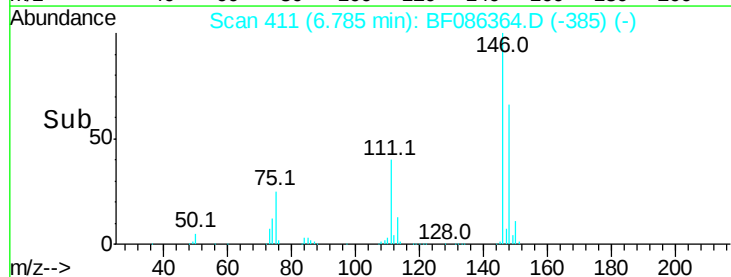
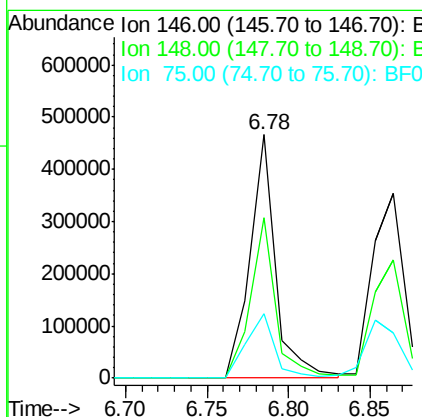
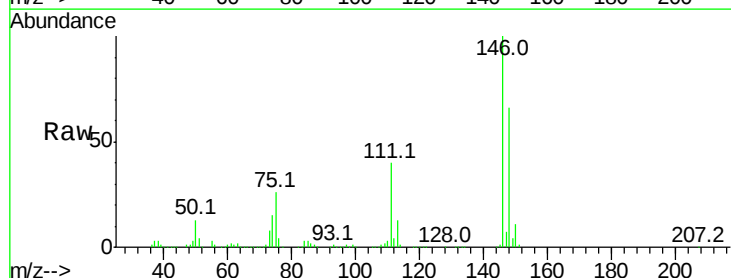
RT: 6.78 min Scan# 411

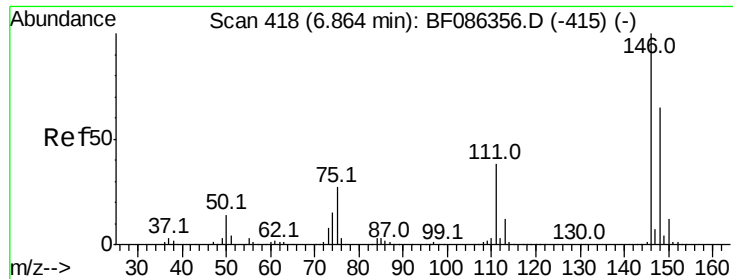
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.4	78.6
75	26.5	22.8	34.2





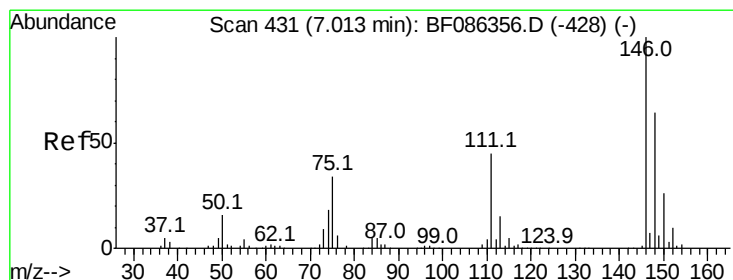
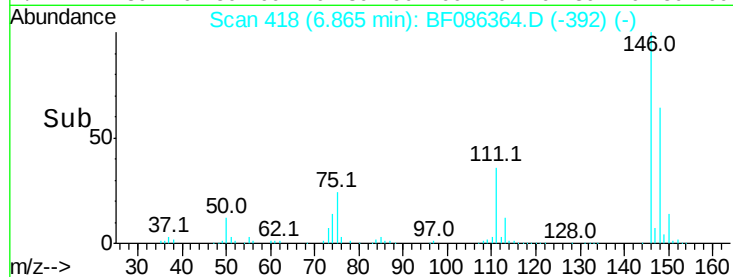
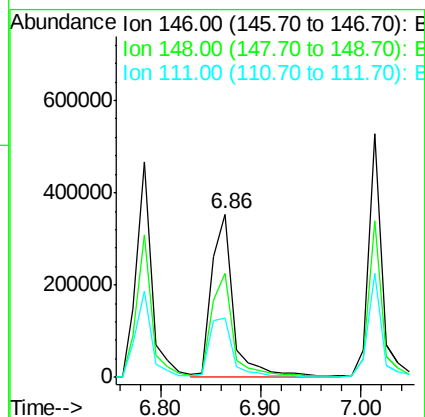
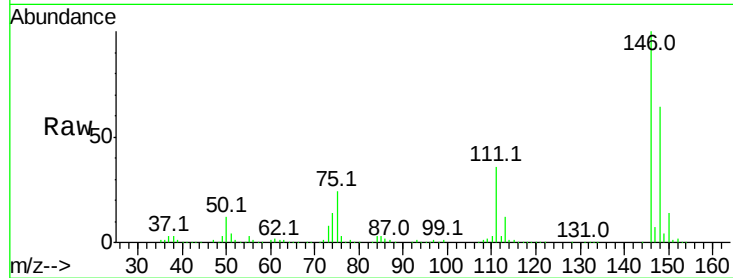
#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	63.7	52.2	78.4
111	36.2	30.7	46.1

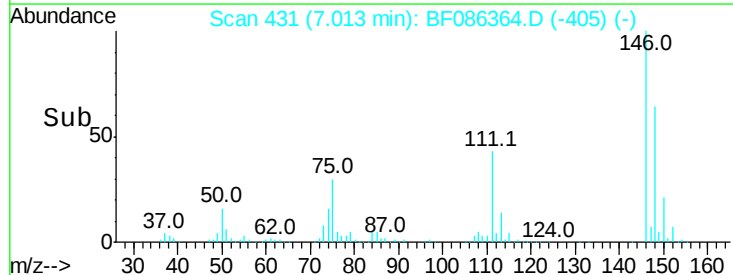
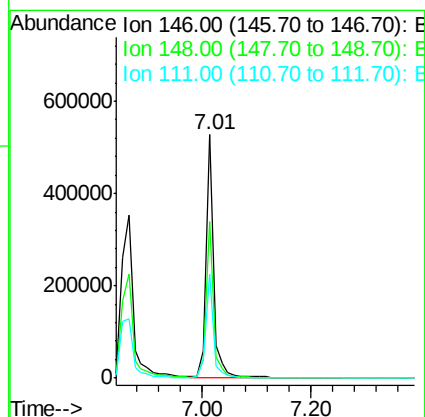
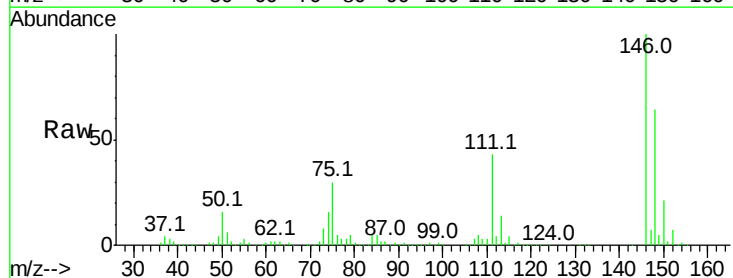
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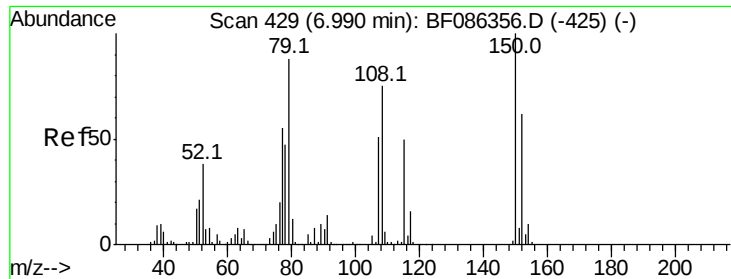
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#14
 1,2-Dichlorobenzene
 Concen: 36.42 ng
 RT: 7.01 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.5	51.0	76.6
111	42.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.95 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

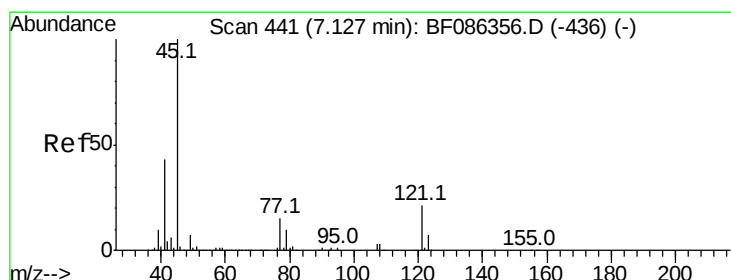
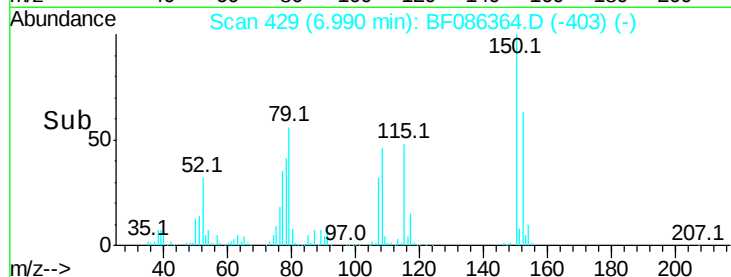
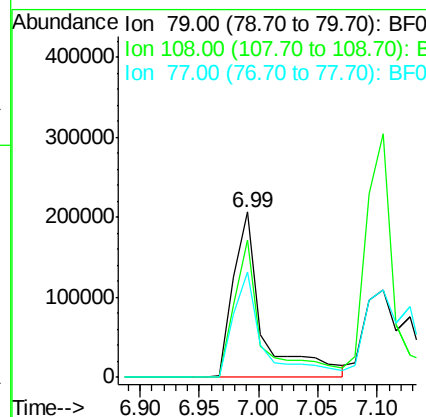
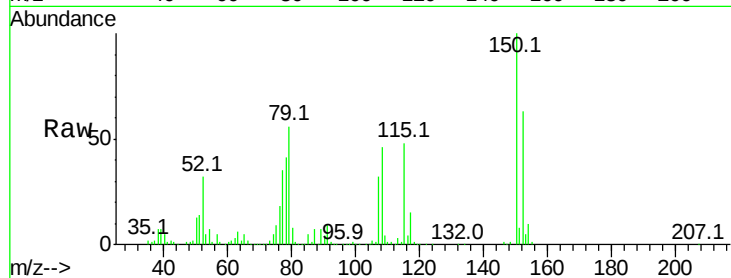
ClientSampled :

PB90017BS

Tot Ion:	79	Resp:	357405
Ion Ratio	Lower	Upper	
79	100		
108	83.4	68.4	102.6
77	63.6	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.66 ng

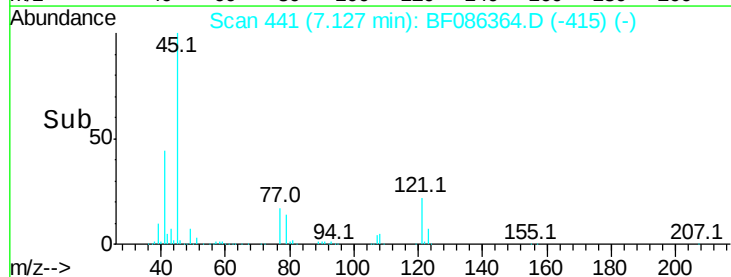
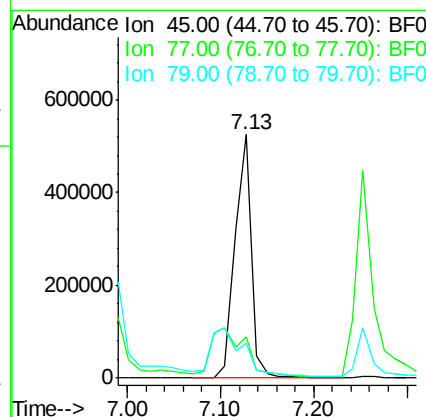
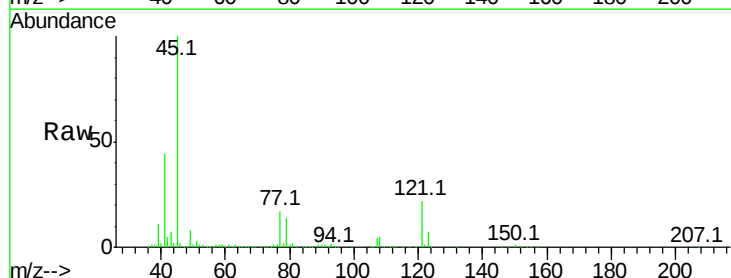
RT: 7.13 min Scan# 441

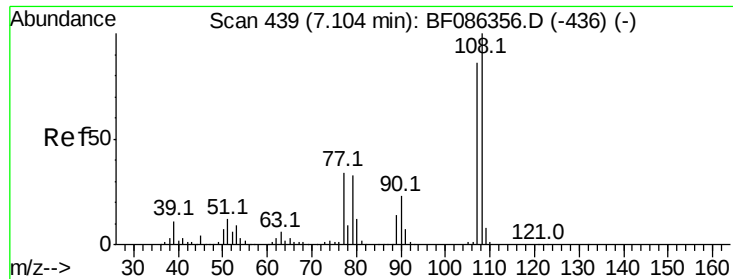
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	45	Resp:	651157
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	36.4
79	14.3	0.0	33.4





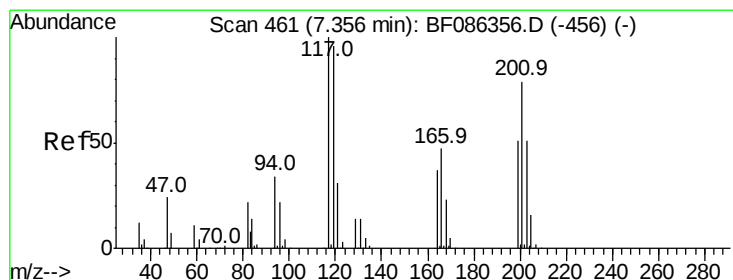
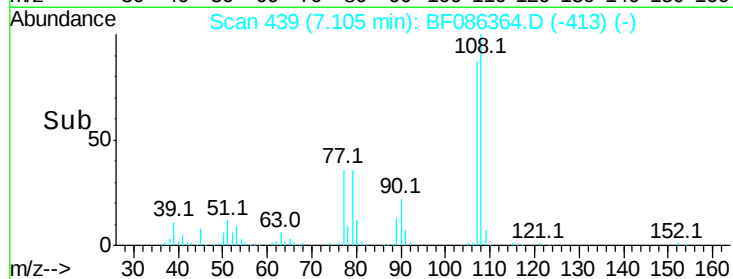
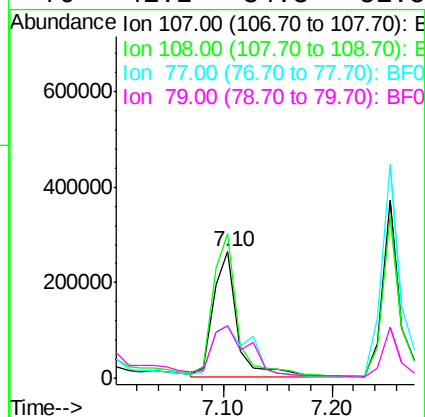
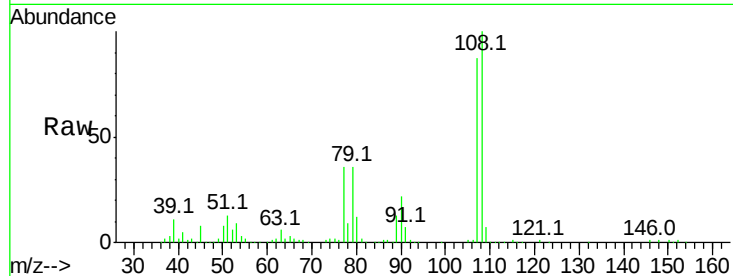
#17
2-Methylphenol
Concen: 38.72 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion:	107	Resp:	408999
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.7	140.5
77	41.4	33.4	50.0
79	41.2	34.3	51.5

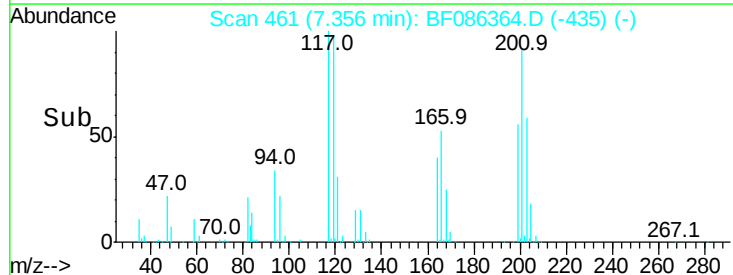
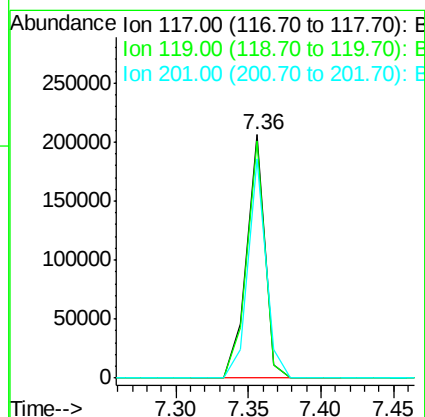
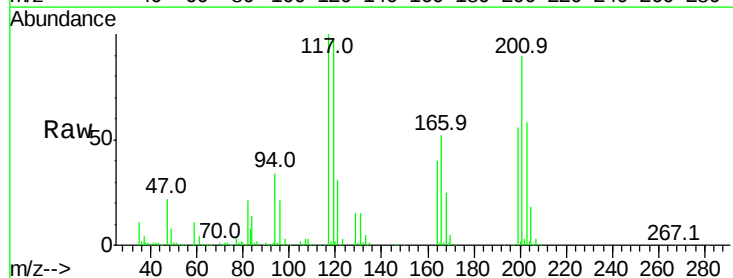
Manual Integrations
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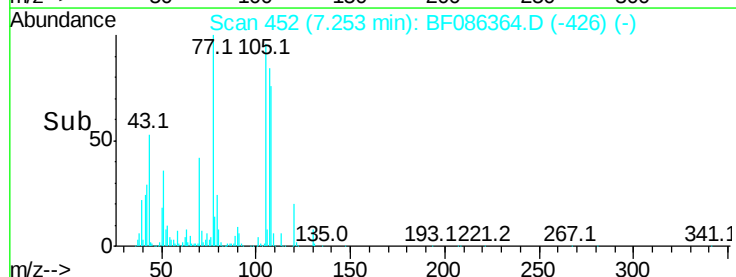
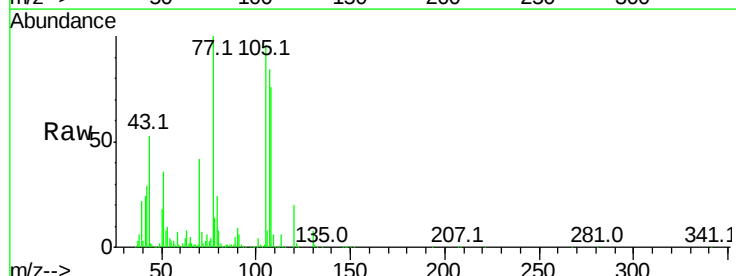
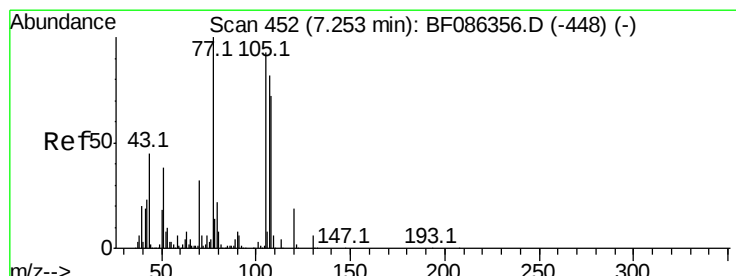
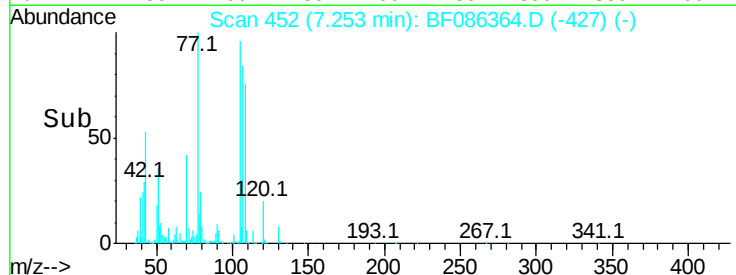
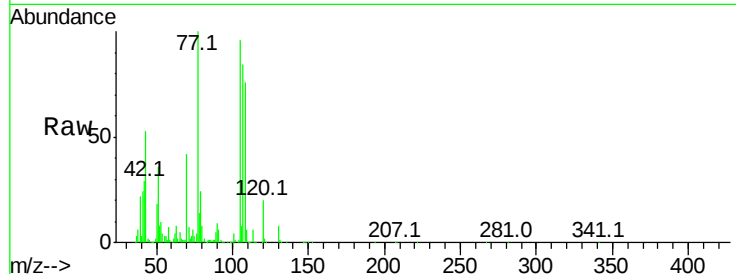
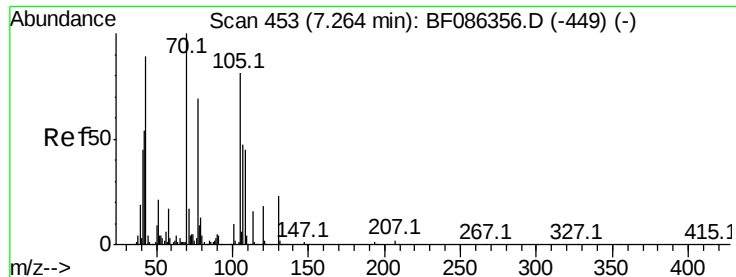
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#18
Hexachloroethane
Concen: 35.67 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:	117	Resp:	181444
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.5	114.7
201	90.3	63.0	94.6





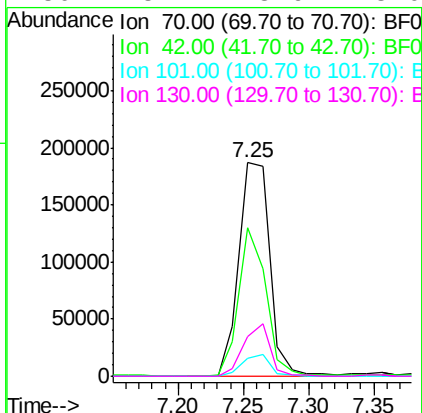
#19
n-Nitroso-di-n-propylamine
Concen: 36.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	69.5	43.1	64.7#
101	8.6	8.1	12.1
130	18.7	18.6	28.0

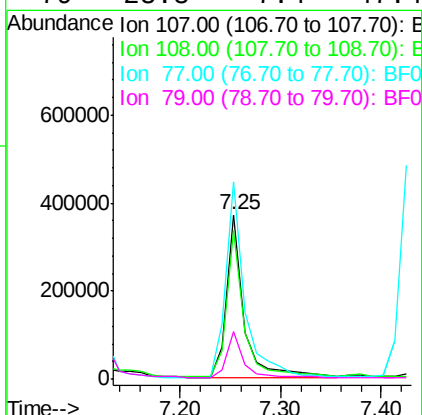
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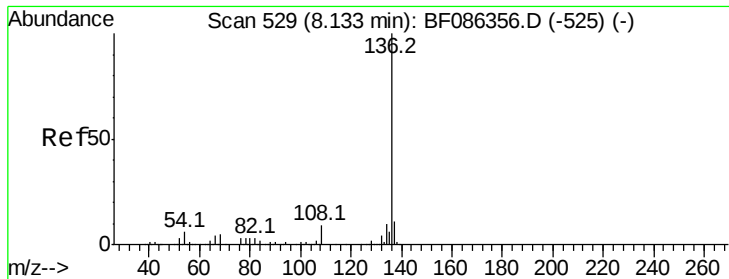
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#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	90.8	68.5	108.5
77	119.7	101.6	141.6
79	28.8	7.4	47.4





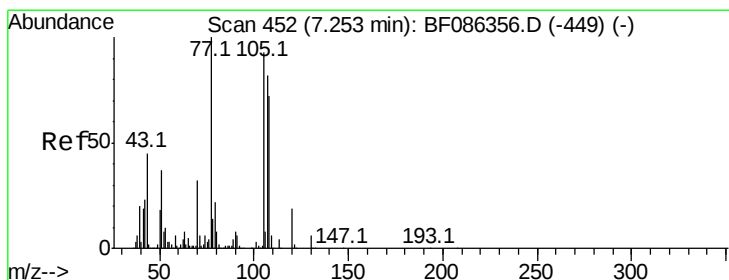
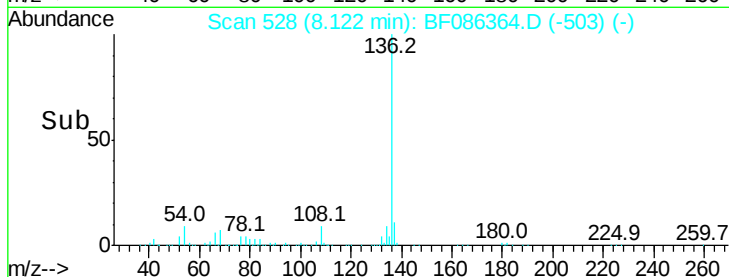
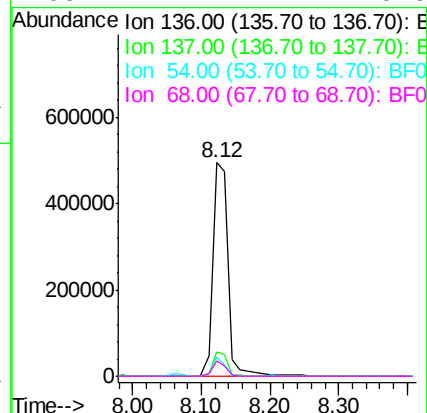
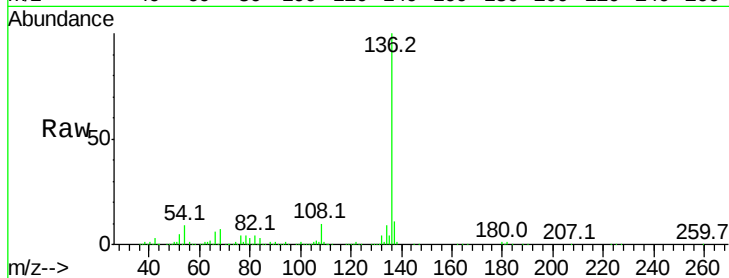
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.9	5.0	7.4#
68	7.2	4.4	6.6#

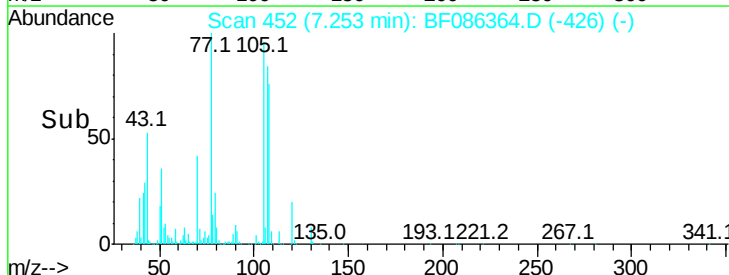
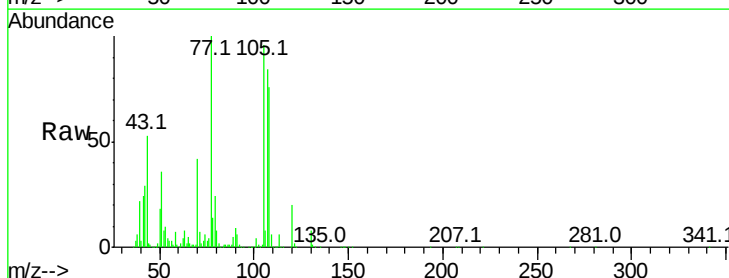
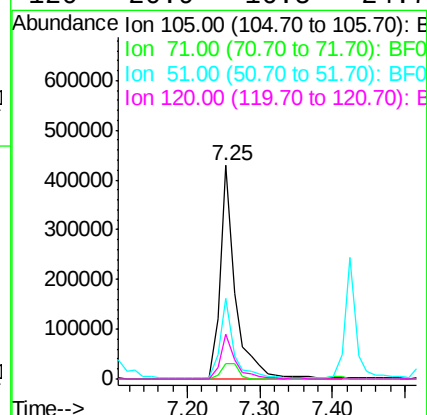
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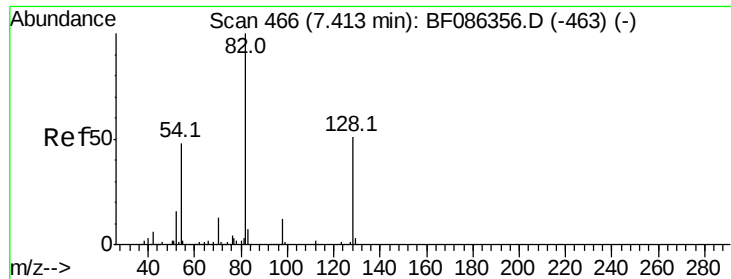
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#22
Acetophenone
Concen: 39.04 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.4	4.8	7.2#
51	37.5	32.6	49.0
120	20.9	16.5	24.7





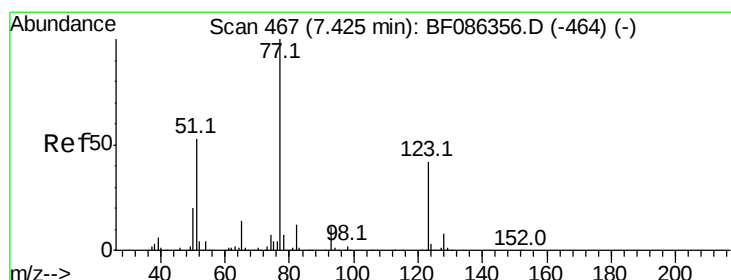
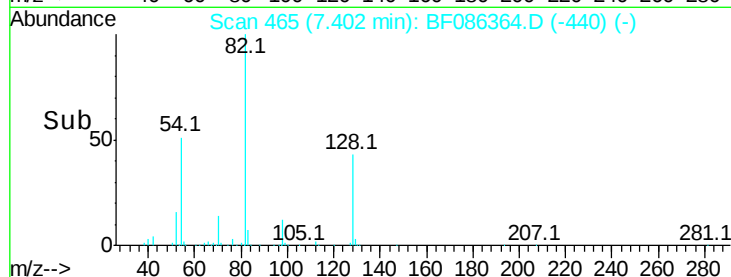
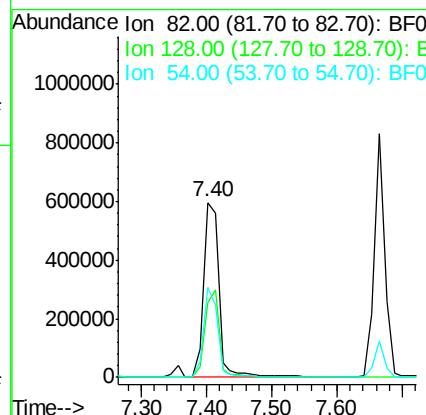
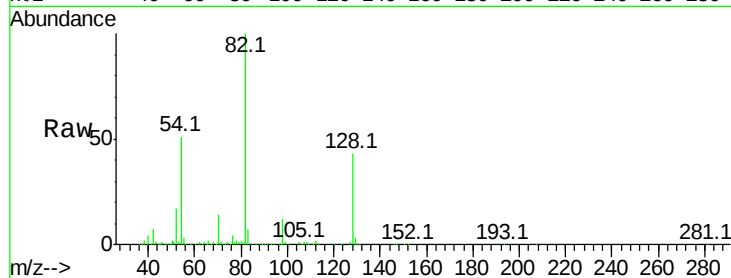
#23
Nitrobenzene-d5
Concen: 74.86 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampled :
PB90017BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	40.6	61.0
54	51.4	38.1	57.1

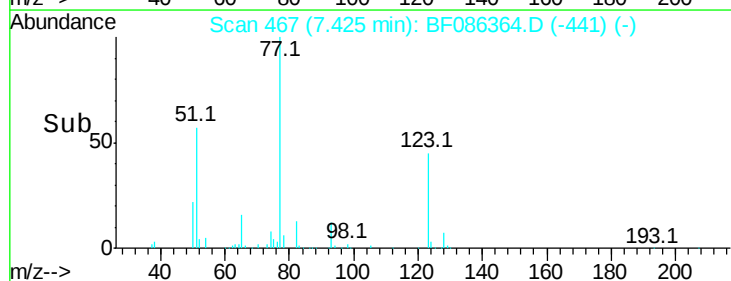
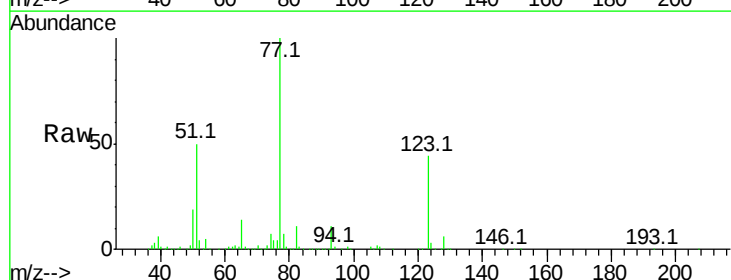
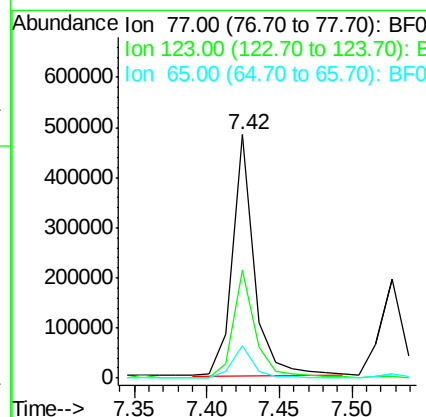
Manual Integrations
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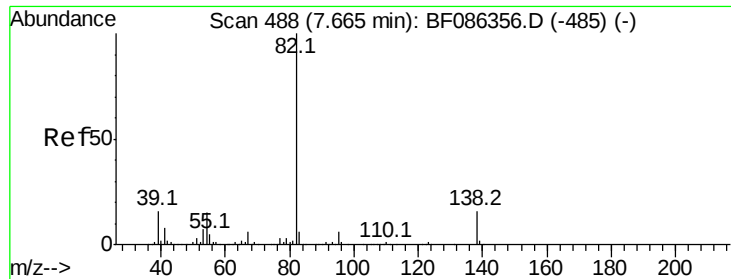
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#24
Nitrobenzene
Concen: 36.35 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.0	49.4
65	13.5	10.8	16.2





#25

Isophorone

Concen: 36.01 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

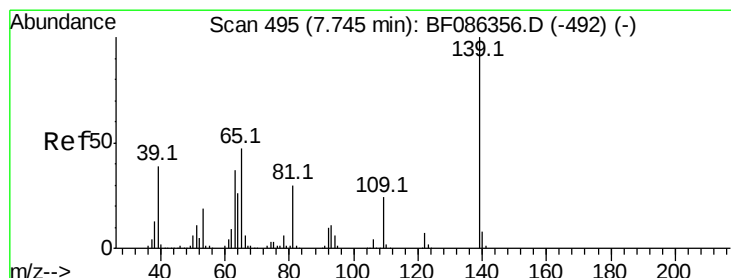
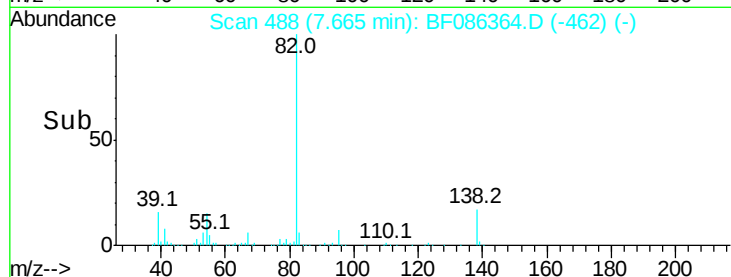
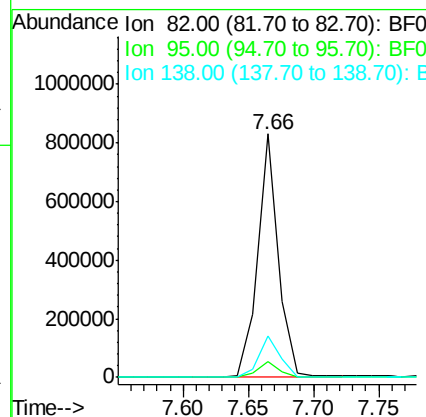
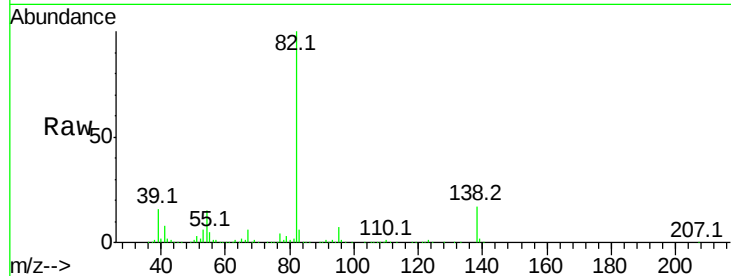
ClientSampled :

PB90017BS

Tot Ion:	82	Resp:	911469
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	16.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.97 ng

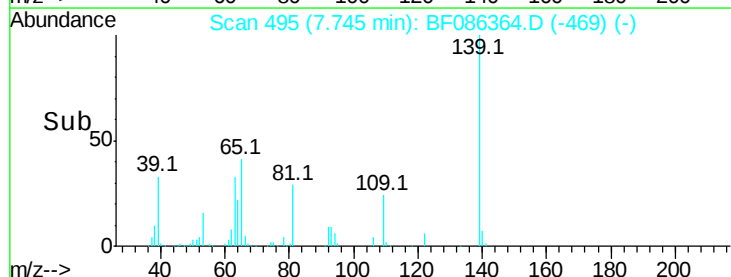
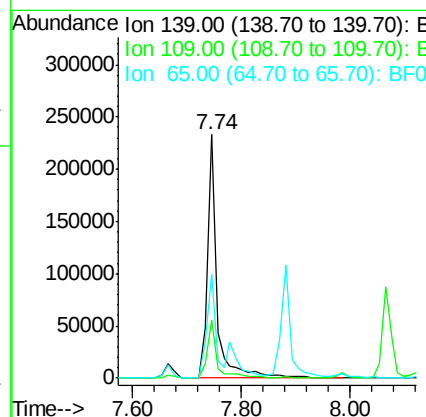
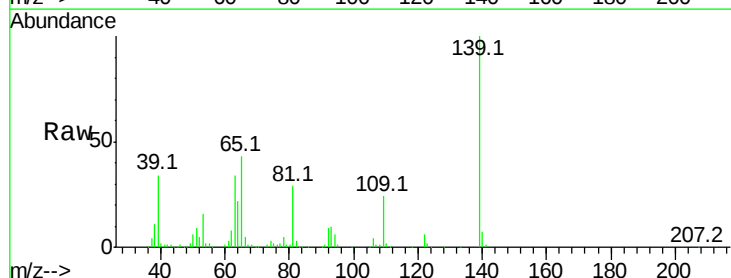
RT: 7.74 min Scan# 495

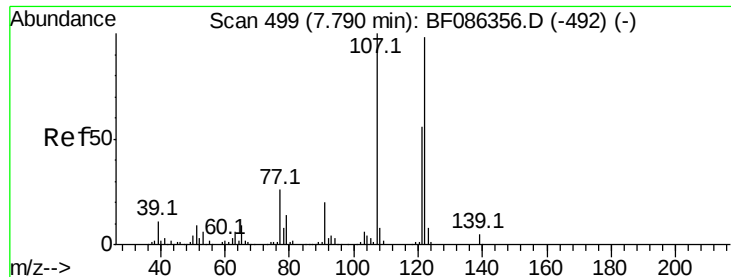
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	139	Resp:	280475
Ion Ratio	Lower	Upper	
139	100		
109	24.1	19.5	29.3
65	42.5	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 38.22 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

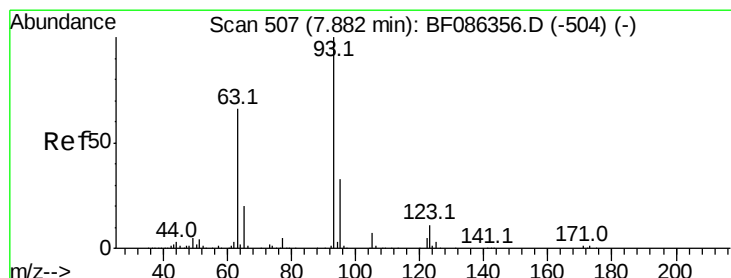
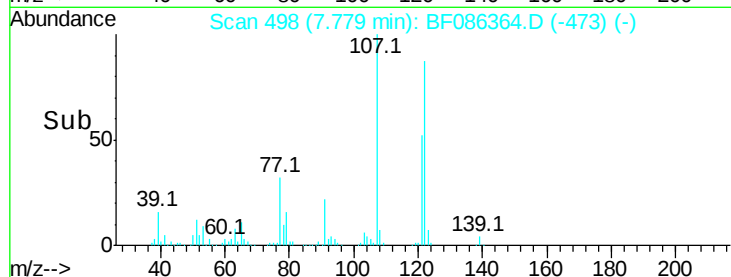
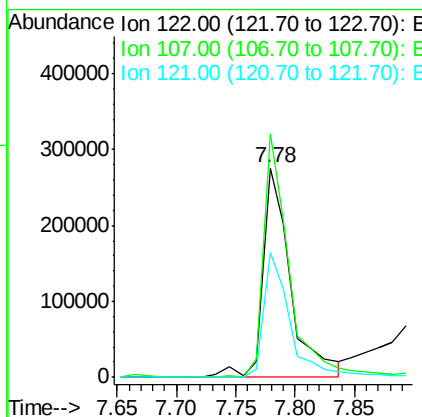
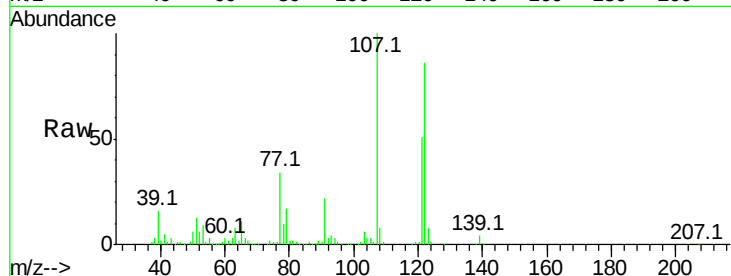
ClientSampleId :

PB90017BS

Tot Ion:	122	Resp:	447960
Ion Ratio	Lower	Upper	
122	100		
107	116.2	82.0	123.0
121	59.5	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.10 ng

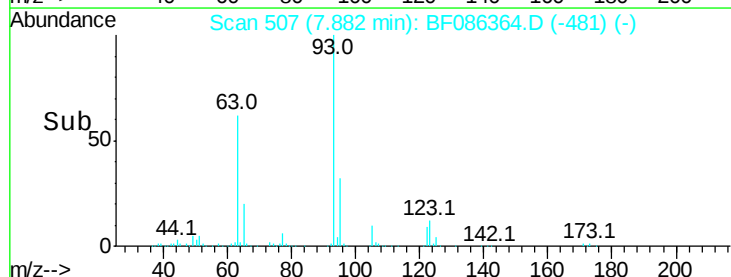
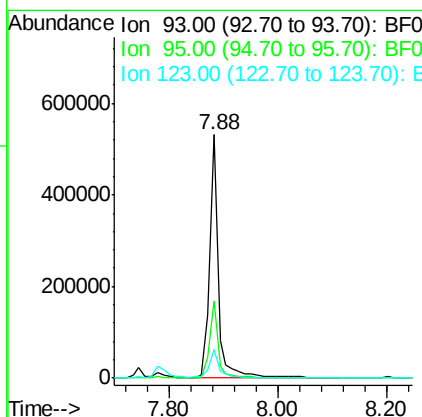
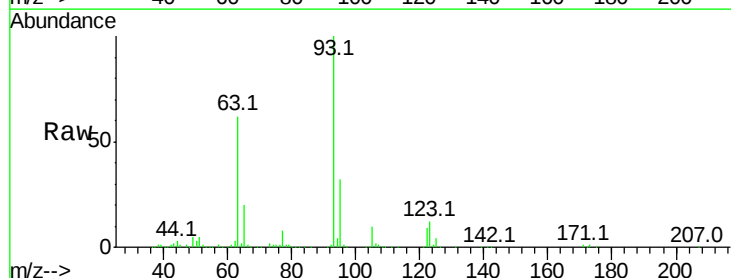
RT: 7.88 min Scan# 507

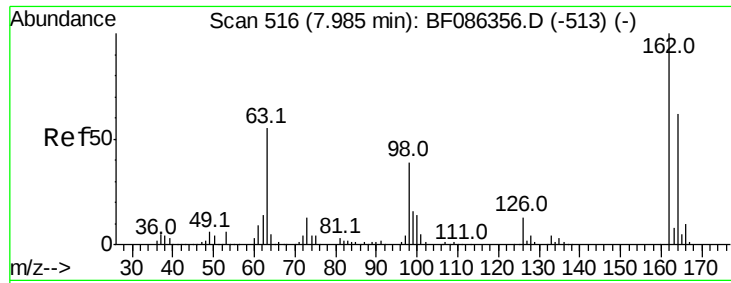
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	93	Resp:	580933
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.0	39.0
123	11.9	9.5	14.3





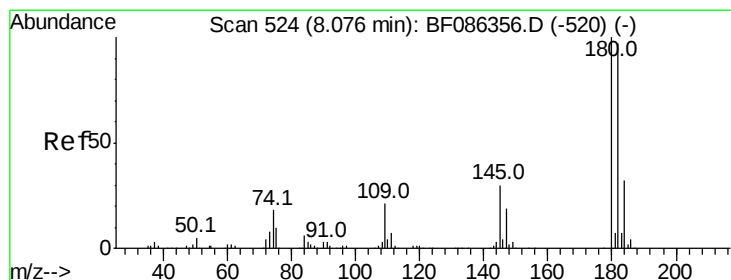
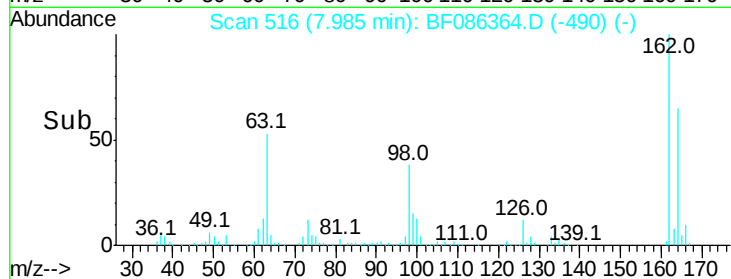
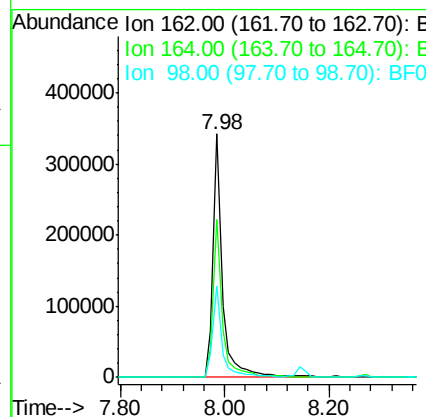
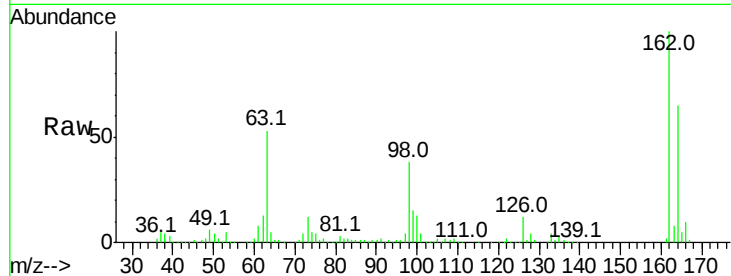
#29
 2,4-Dichlorophenol
 Concen: 44.56 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	431778		
164	64.8	42.2	82.2	
98	37.7	19.0	59.0	

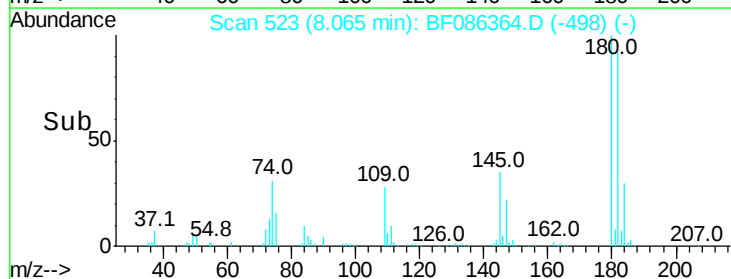
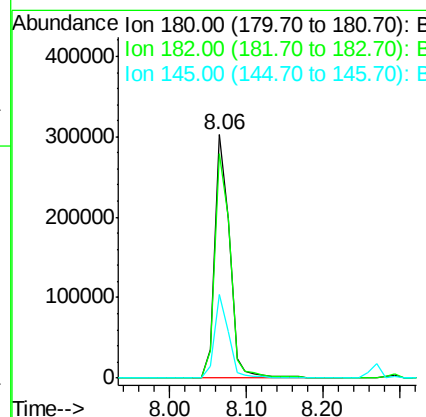
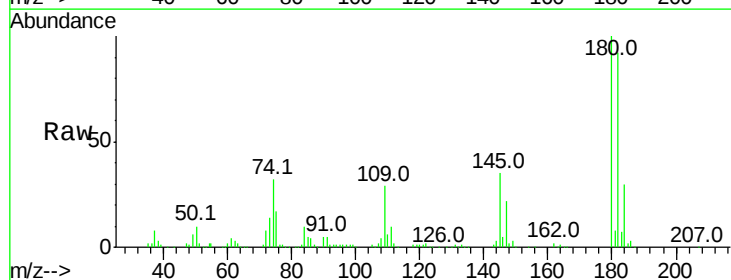
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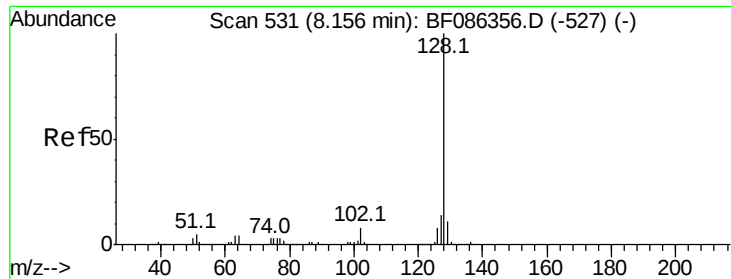
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.57 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	405892		
182	92.3	78.0	117.0	
145	34.6	24.2	36.2	





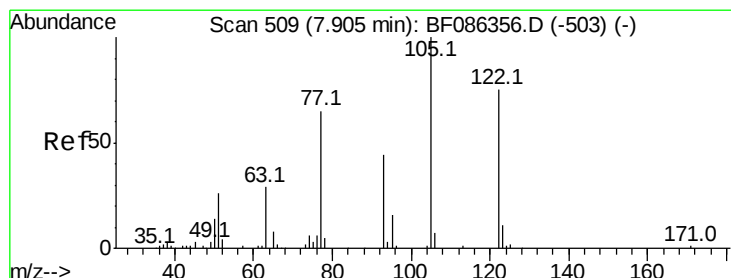
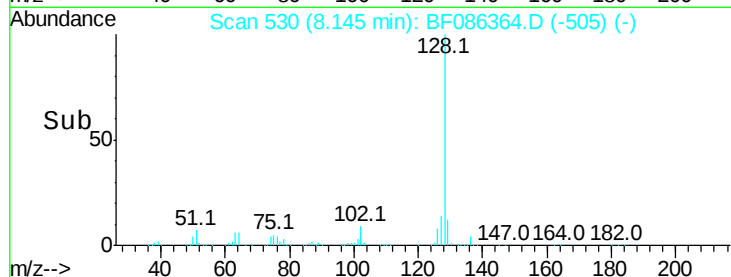
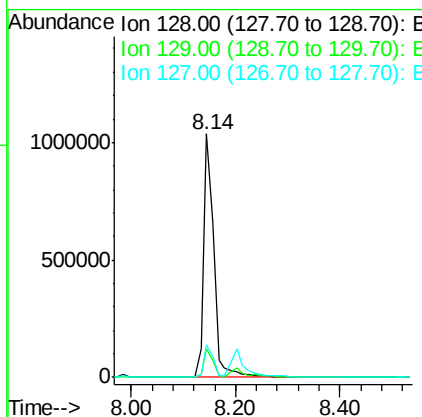
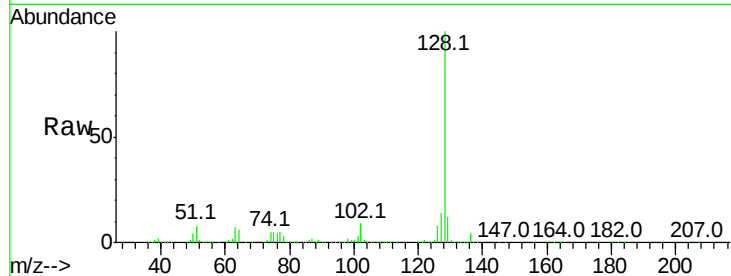
#31
Naphthalene
Concen: 36.13 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion:128 Resp: 1408154
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.5 10.8 16.2

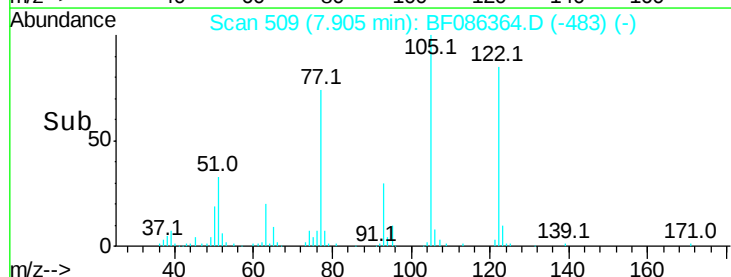
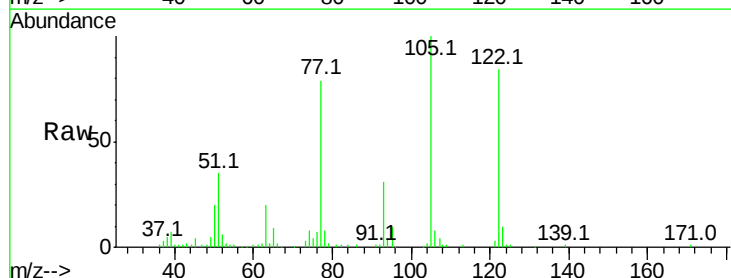
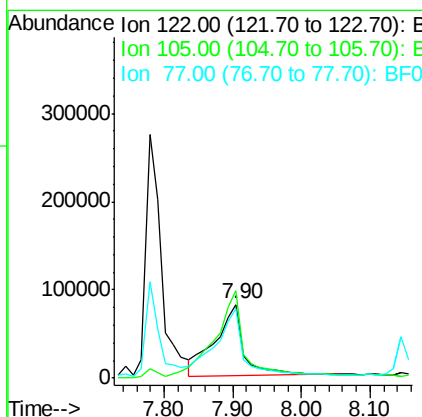
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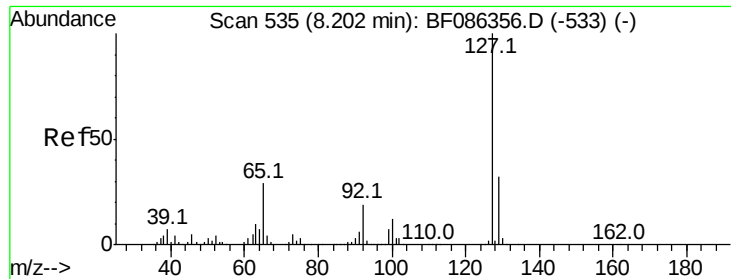
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#32
Benzoic acid
Concen: 32.42 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:122 Resp: 242966
Ion Ratio Lower Upper
122 100
105 118.8 92.6 132.6
77 94.2 60.0 100.0





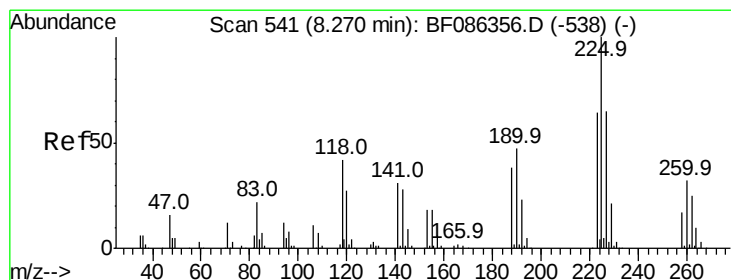
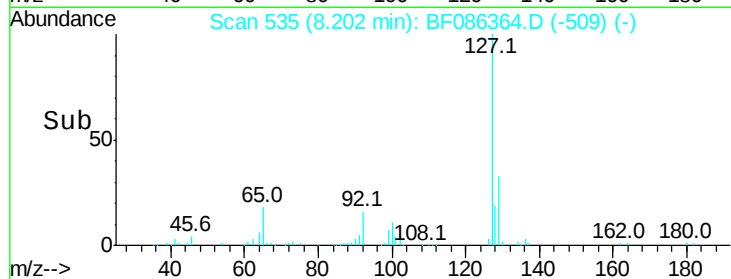
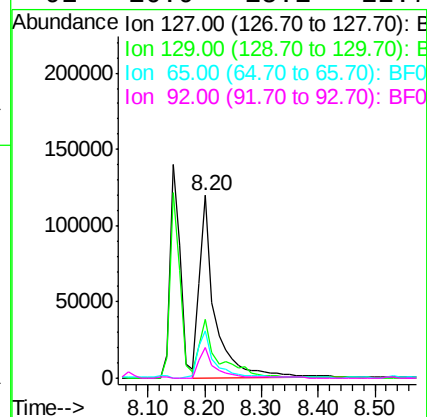
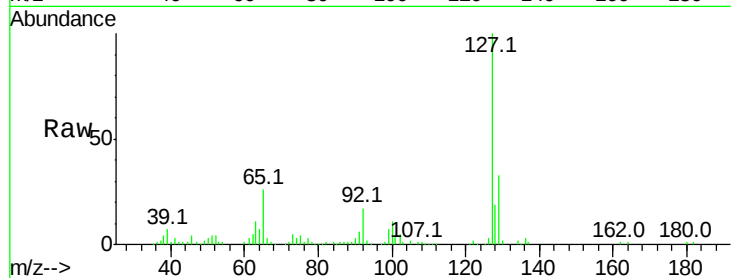
#33
4-Chloroaniline
Concen: 14.77 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		224219		
129	32.5	26.2	39.4		
65	25.9	23.0	34.4		
92	16.9	15.1	22.7		

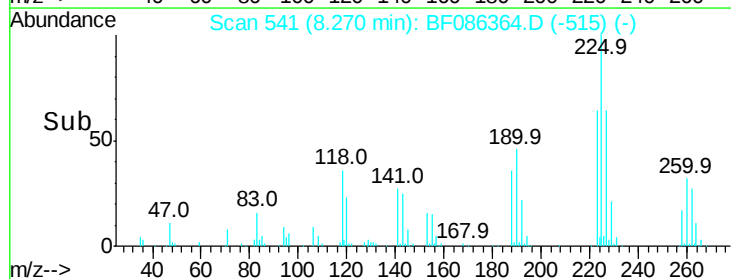
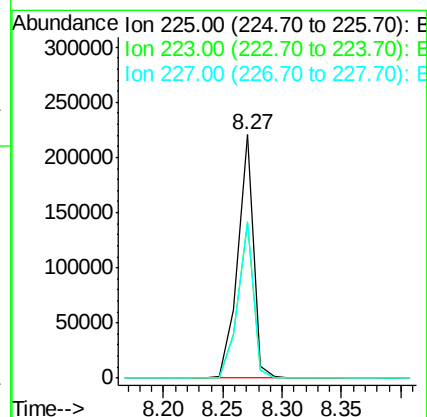
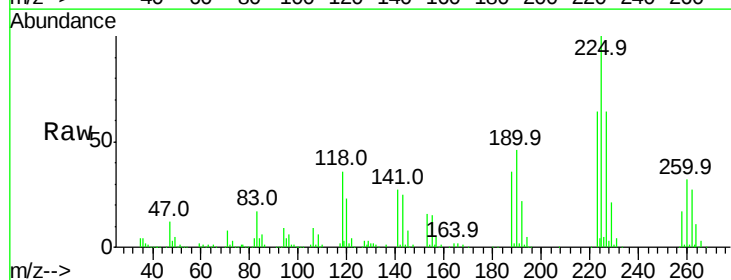
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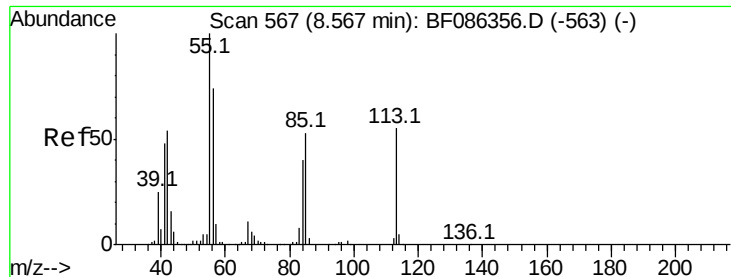
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#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		203470		
223	64.0	51.5	77.3		
227	64.4	52.2	78.2		





#35

Caprolactam

Concen: 42.97 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

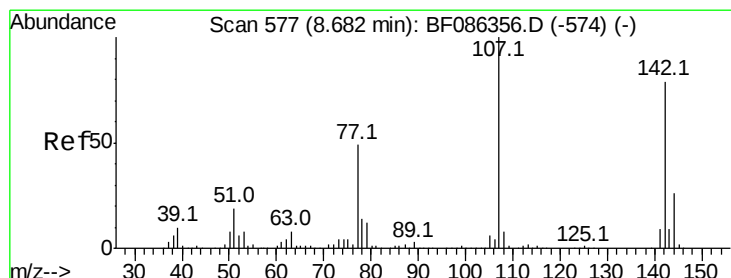
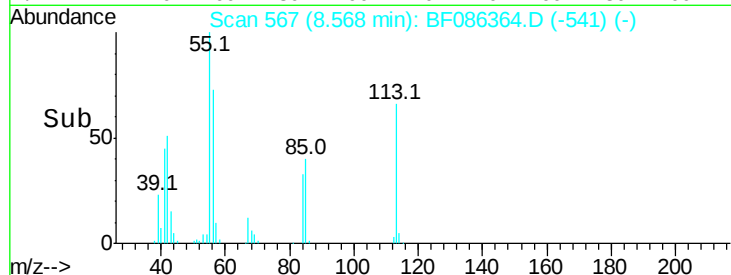
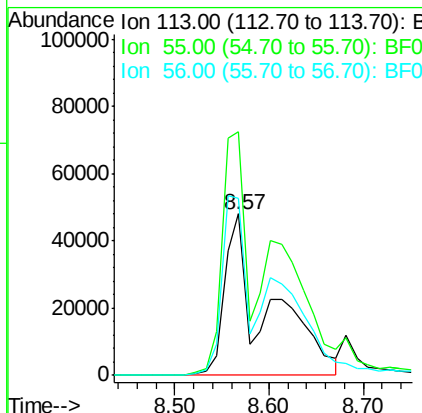
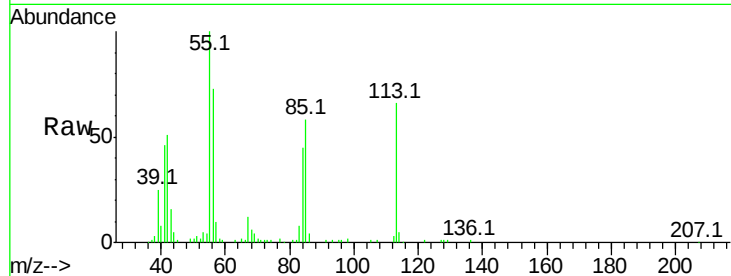
ClientSampleID :

PB90017BS

Tot Ion:	113	Resp:	149381
Ion Ratio	Lower	Upper	
113	100		
55	150.6	162.0	202.0#
56	109.9	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 41.12 ng/ml

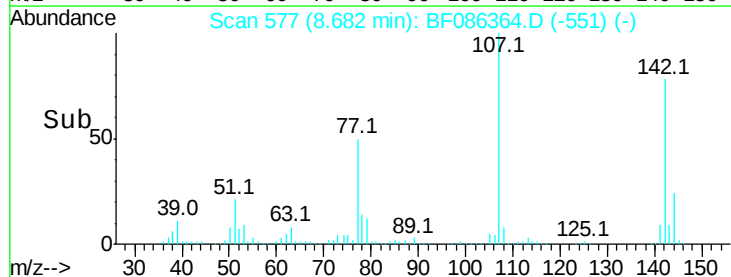
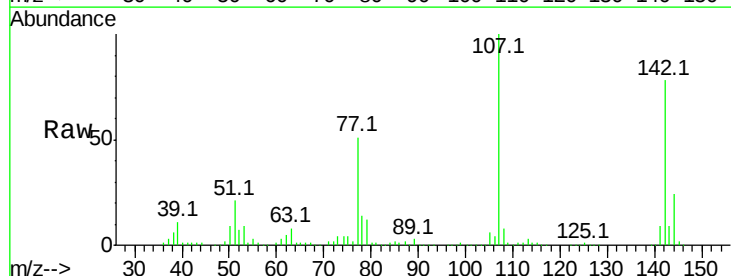
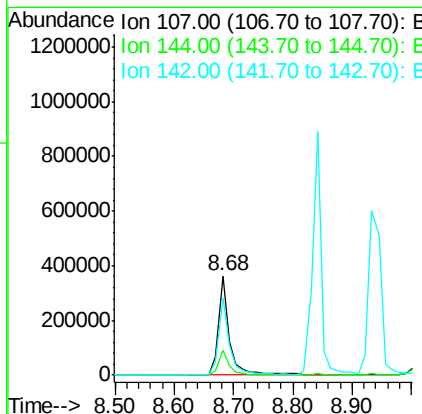
RT: 8.68 min Scan# 577

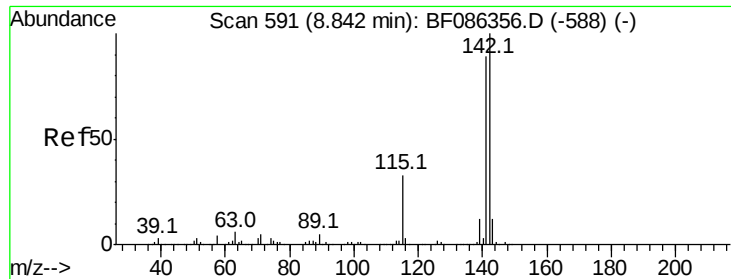
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	107	Resp:	473513
Ion Ratio	Lower	Upper	
107	100		
144	24.4	20.7	31.1
142	78.1	63.2	94.8





#37

2-Methylnaphthalene

Concen: 41.49 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086364.D

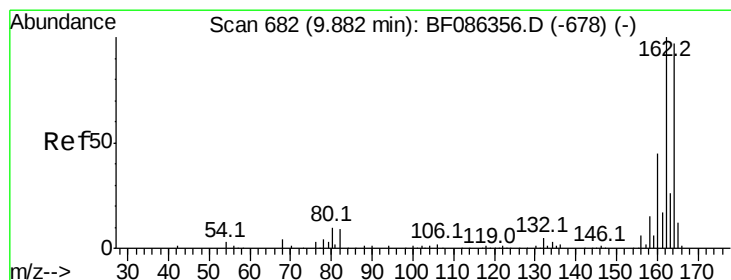
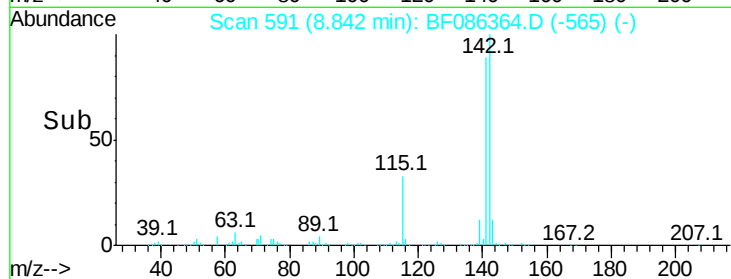
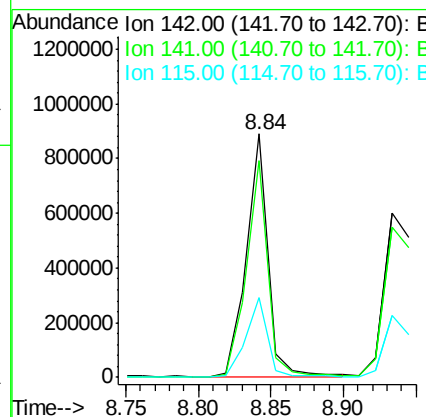
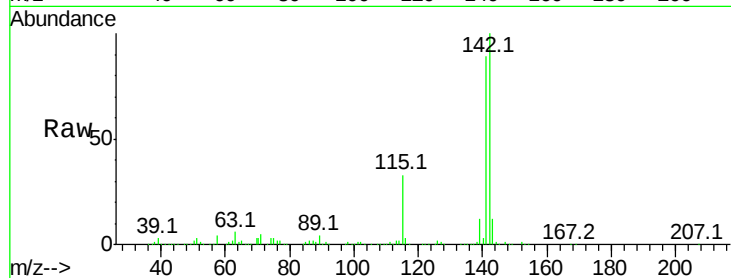
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

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Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	32.6	26.6	39.8



#38

Acenaphthene-d10

Concen: 20.00 ng

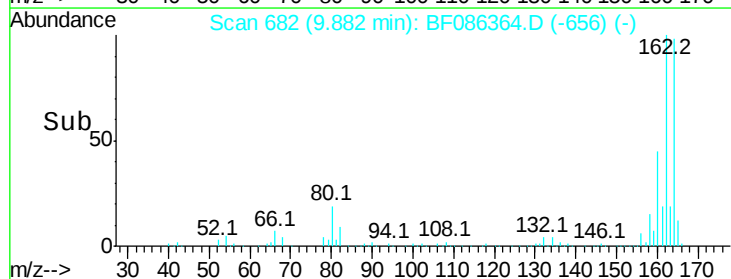
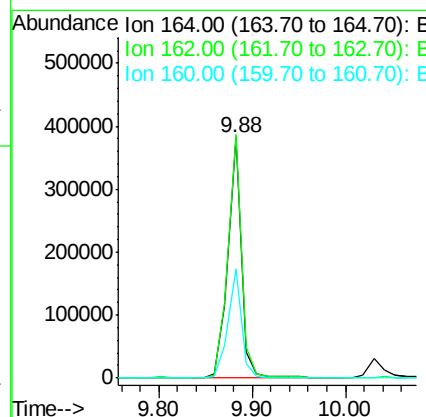
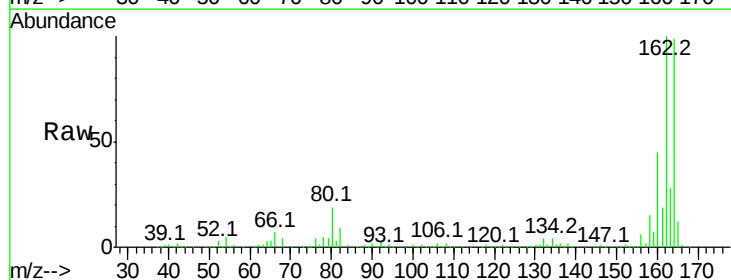
RT: 9.88 min Scan# 682

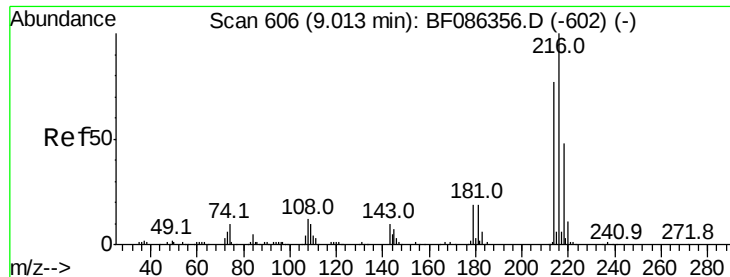
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	45.4	36.9	55.3





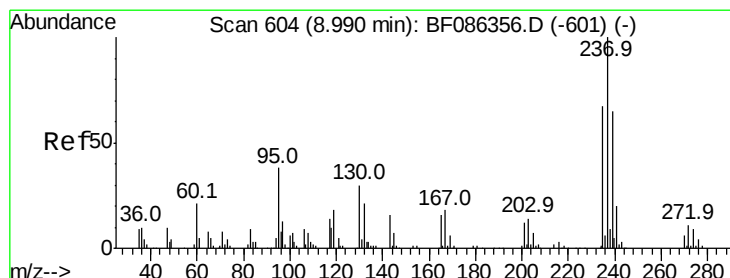
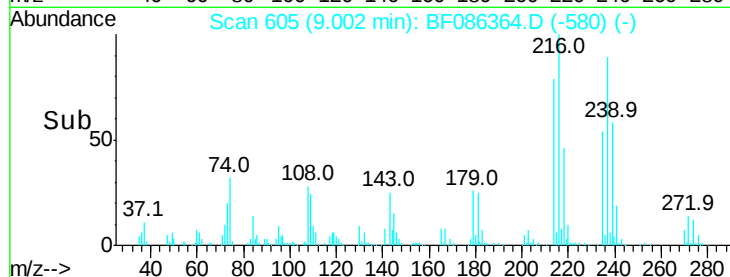
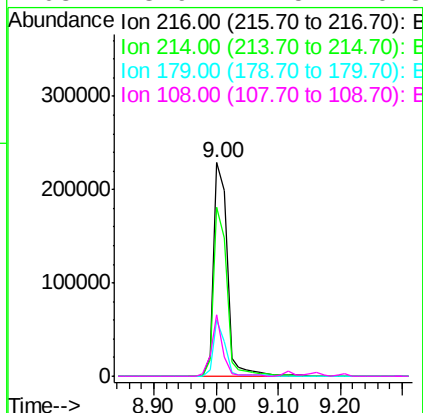
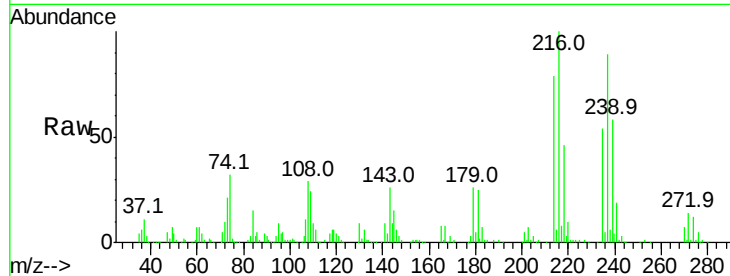
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.72 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.4	62.6	93.8		
179	22.7	18.2	27.4		
108	23.9	17.5	26.3		

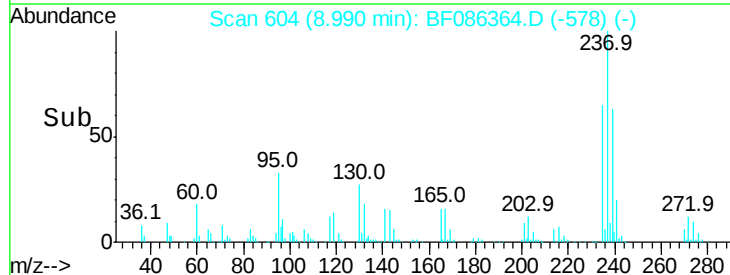
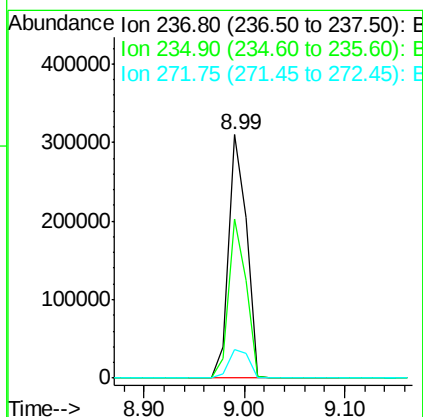
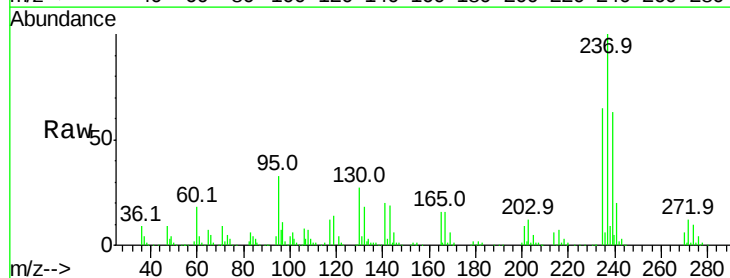
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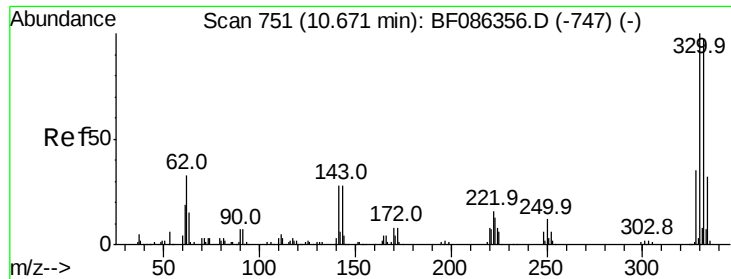
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#40
 Hexachlorocyclopentadiene
 Concen: 78.75 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.3	47.2	87.2		
272	12.0	0.0	31.1		





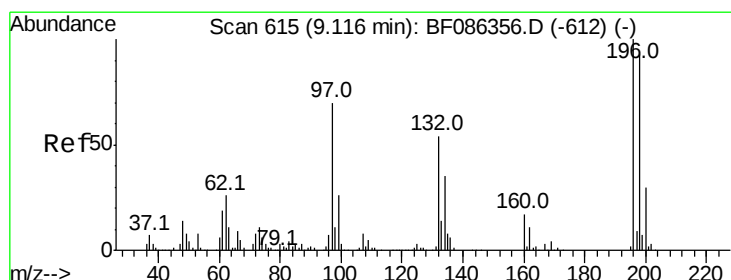
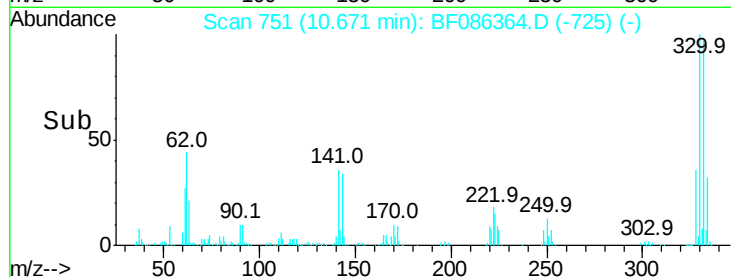
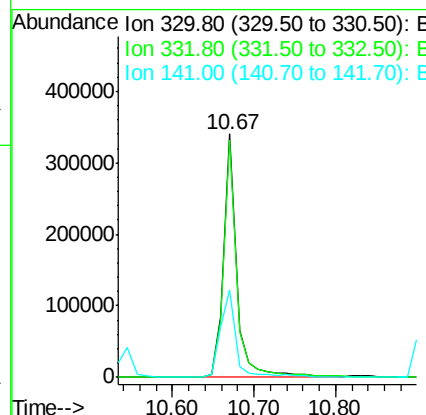
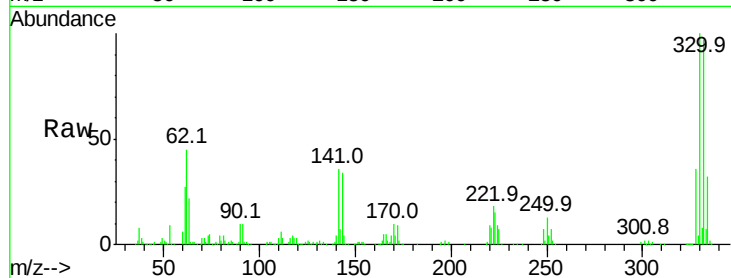
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	79.0	118.4	
141	42.2	31.2	46.8	

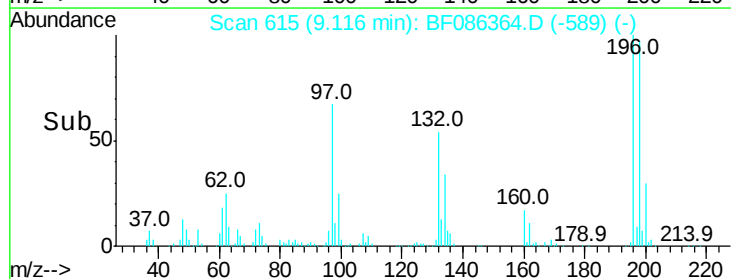
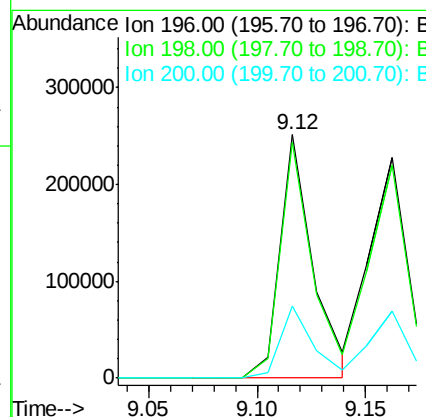
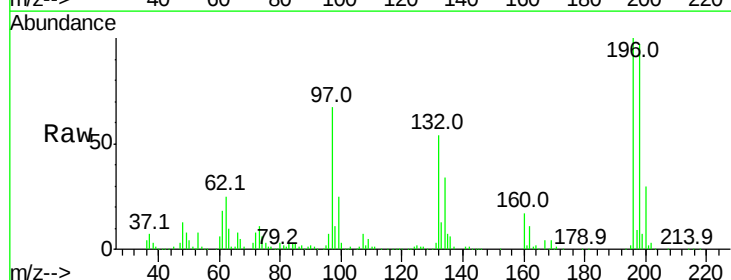
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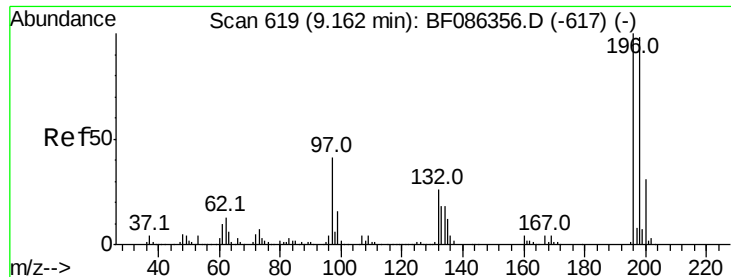
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#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	74.7	112.1	
200	29.6	23.8	35.6	





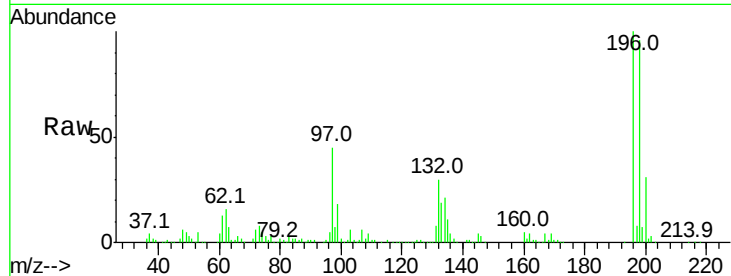
#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

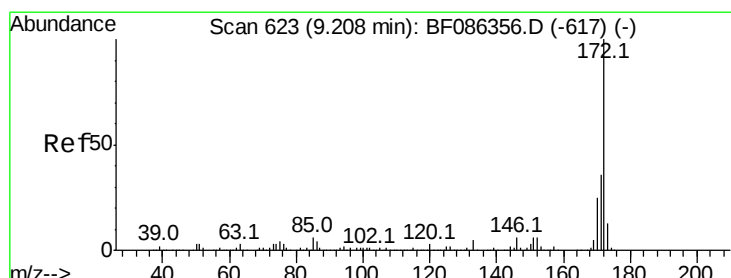
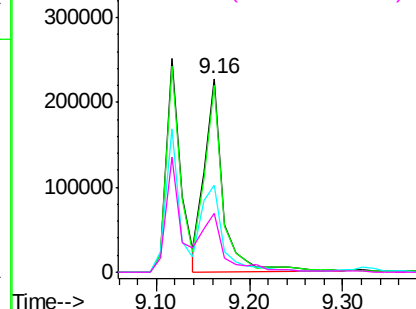
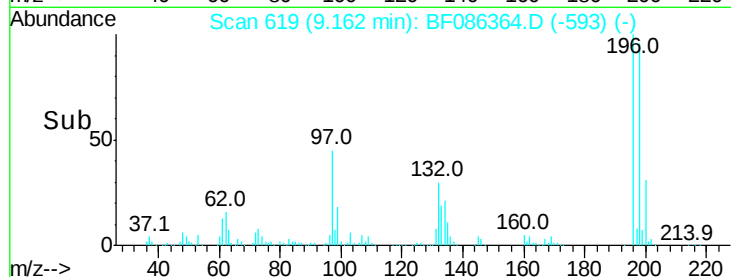
Tot Ion:	196	Resp:	312947
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.5	116.3
97	45.3	34.8	52.2
132	30.3	23.0	34.4

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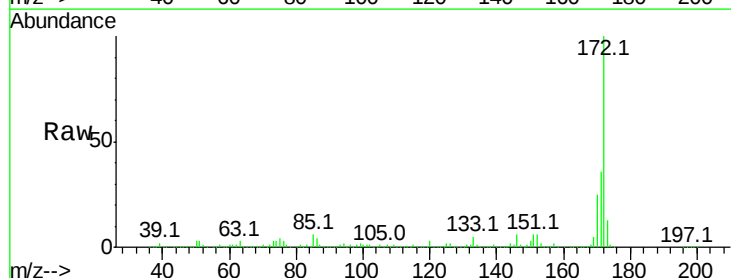


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

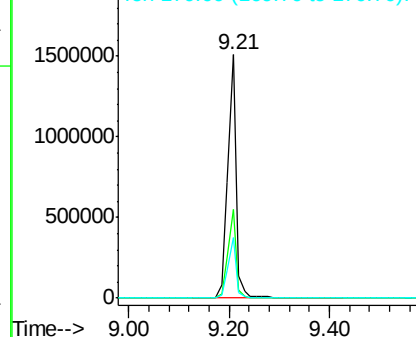
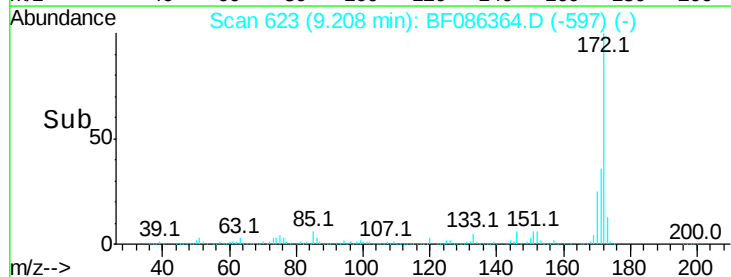


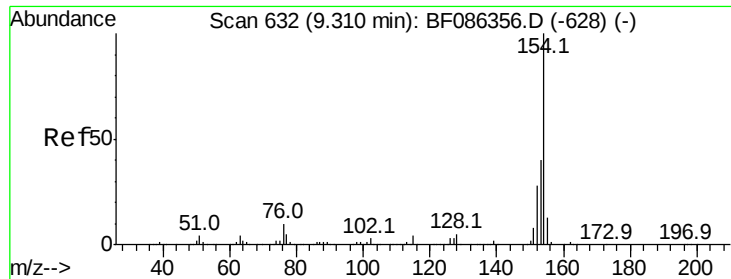
#44
 2-Fluorobiphenyl
 Concen: 77.78 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:	172	Resp:	1759258
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 37.26 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleID :

PB90017BS

Tot Ion:154 Resp: 1115630

Ion Ratio Lower Upper

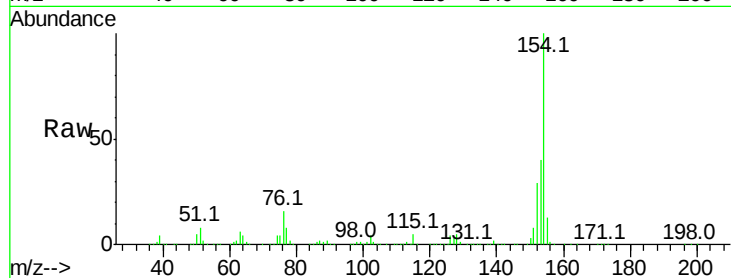
154 100

153 39.7 20.3 60.3

76 16.1 0.0 30.2

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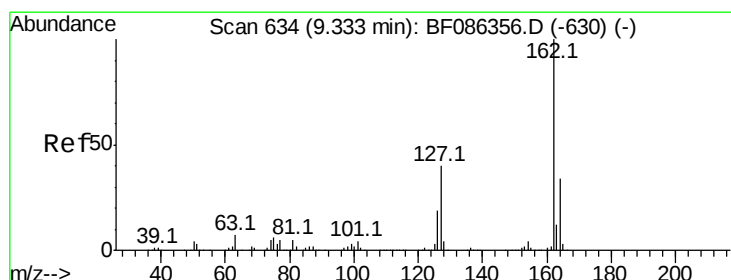
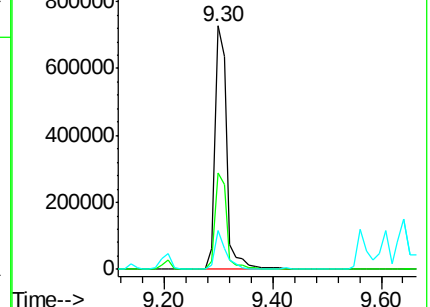
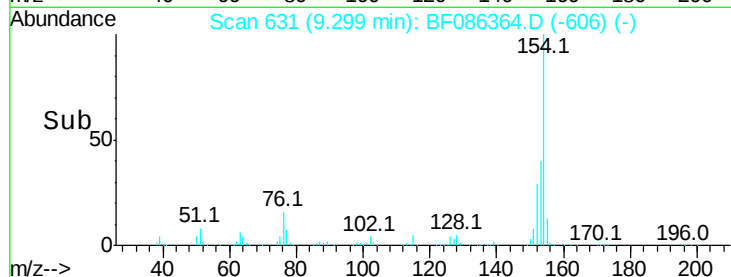
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.42 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

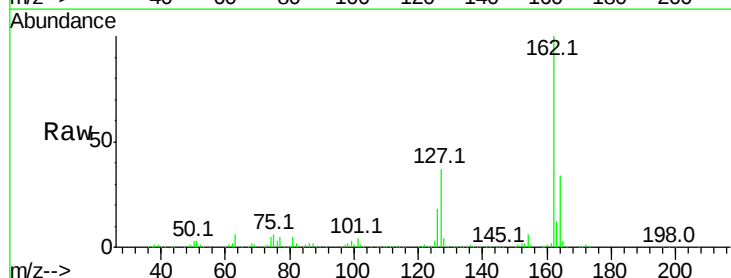
Tgt Ion:162 Resp: 886907

Ion Ratio Lower Upper

162 100

127 37.2 31.8 47.6

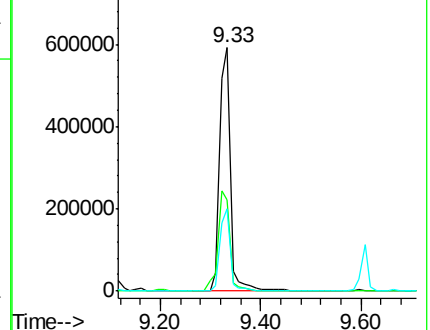
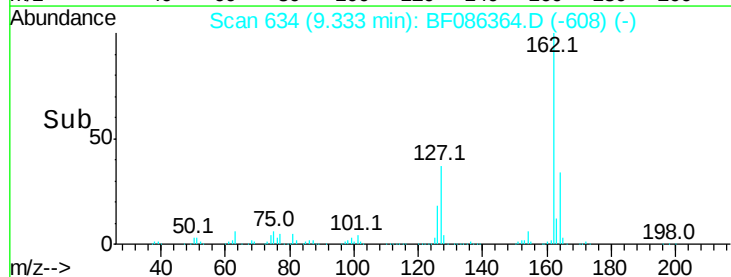
164 33.6 27.0 40.6

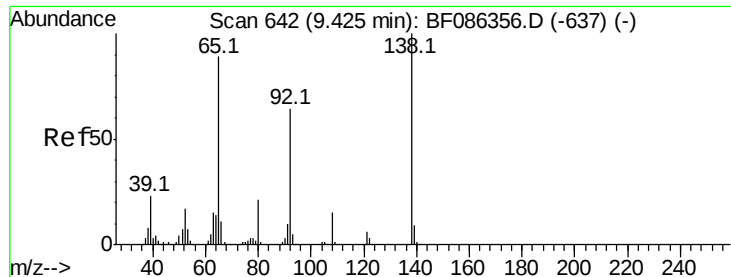


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.40 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

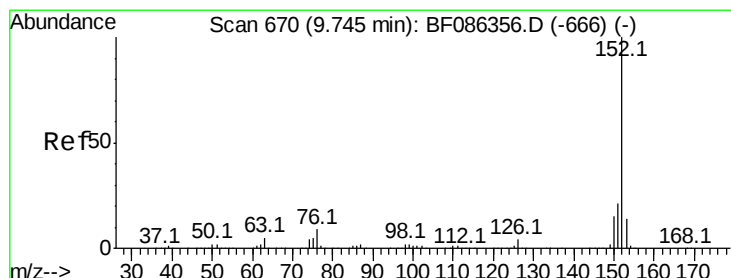
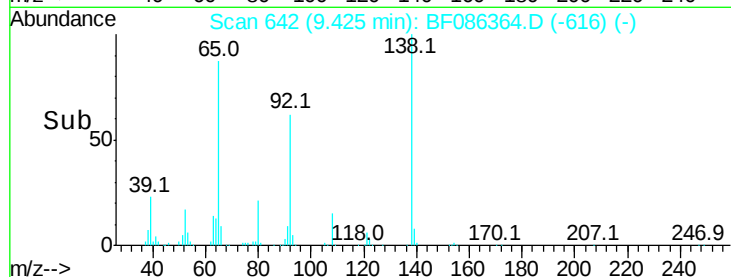
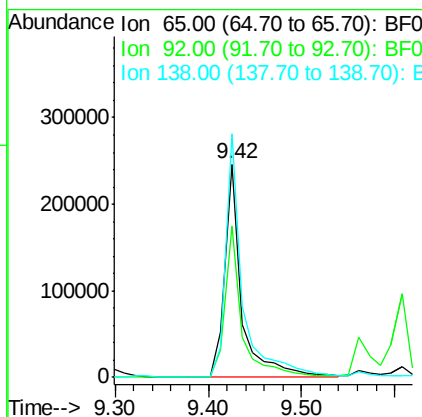
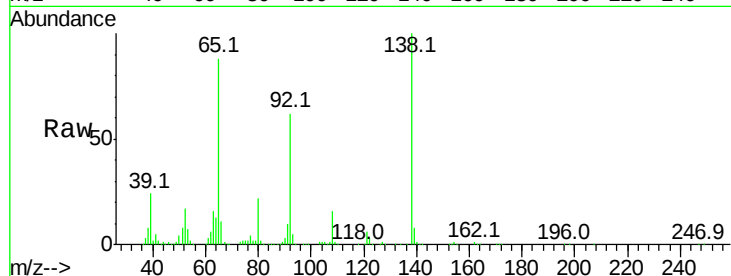
ClientSampleId :

PB90017BS

Tot Ion:	65	Resp:	312904
Ion Ratio	Lower	Upper	
65	100		
92	70.9	57.4	86.2
138	114.1	90.1	135.1

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#48

Acenaphthylene

Concen: 38.29 ng

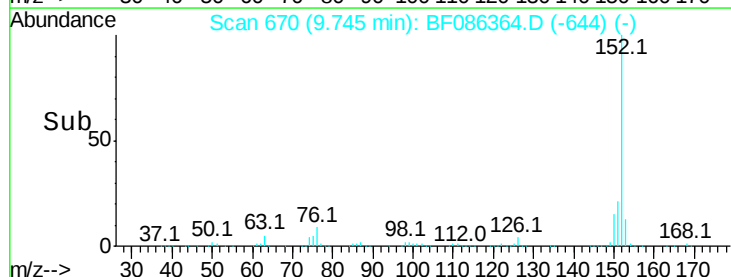
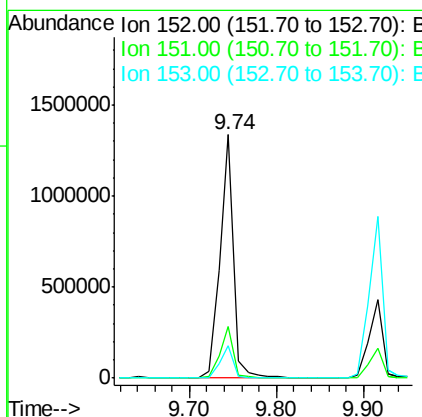
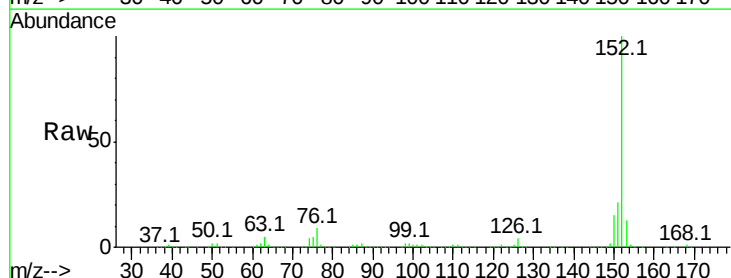
RT: 9.74 min Scan# 670

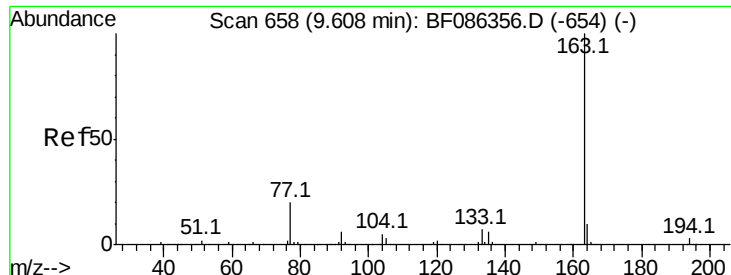
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	152	Resp:	1471318
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.3	10.9	16.3





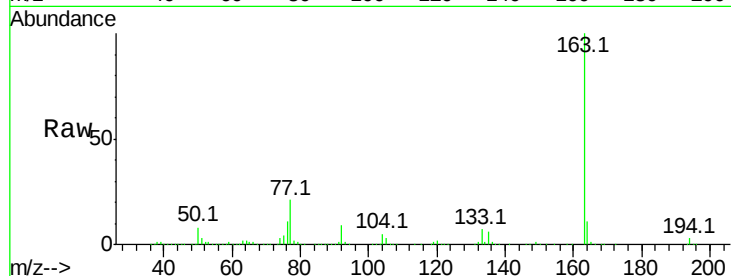
#49
Dimethylphthalate
Concen: 38.99 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

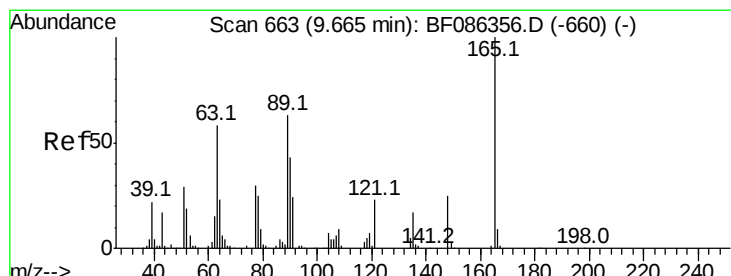
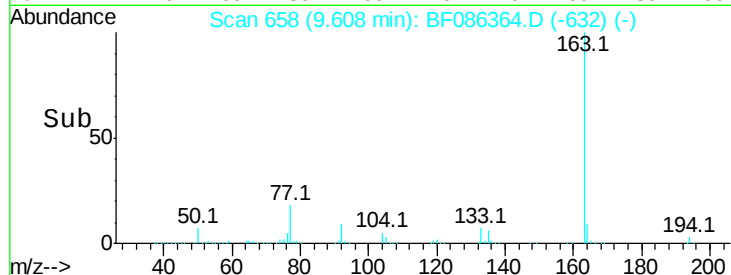
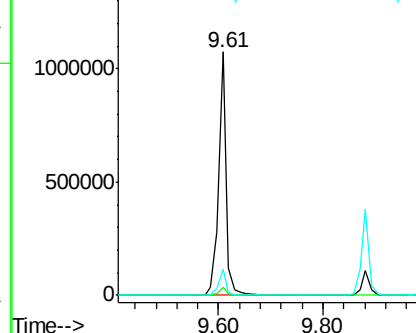
Tot Ion:163 Resp: 1087171
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.2 12.4

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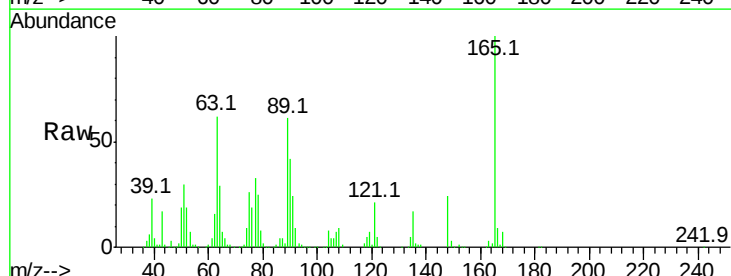


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

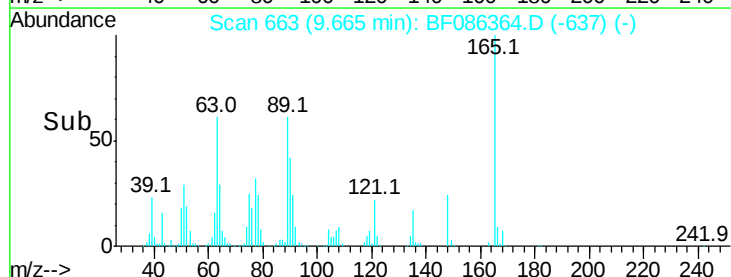
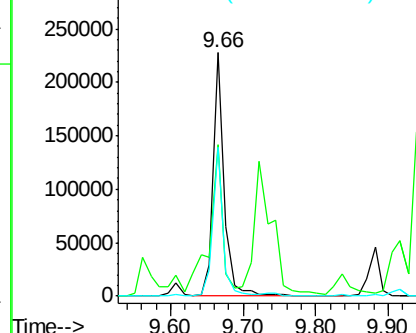


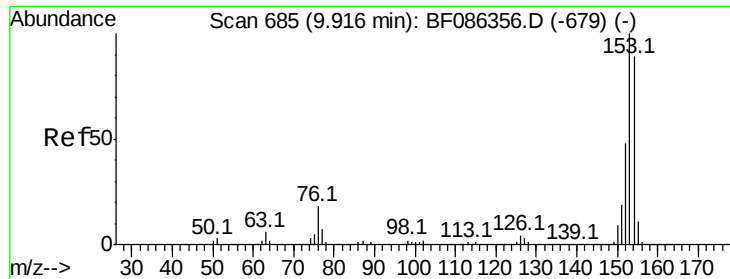
#50
2,6-Dinitrotoluene
Concen: 40.45 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:165 Resp: 243616
Ion Ratio Lower Upper
165 100
63 62.0 51.8 77.8
89 61.0 50.7 76.1



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





#51

Acenaphthene

Concen: 43.14 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

Tot Ion:154 Resp: 1018320

Ion Ratio Lower Upper

154 100

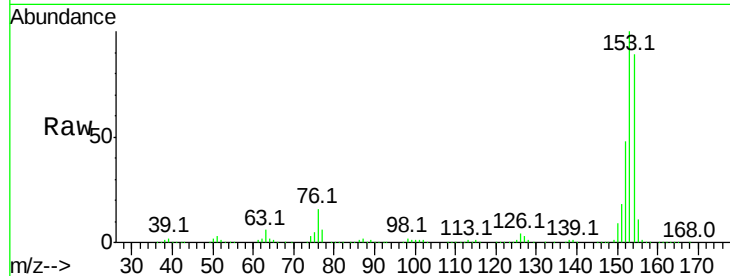
153 111.8 89.8 134.6

152 53.9 43.4 65.0

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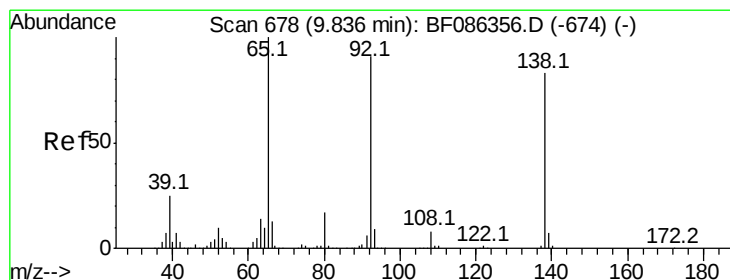
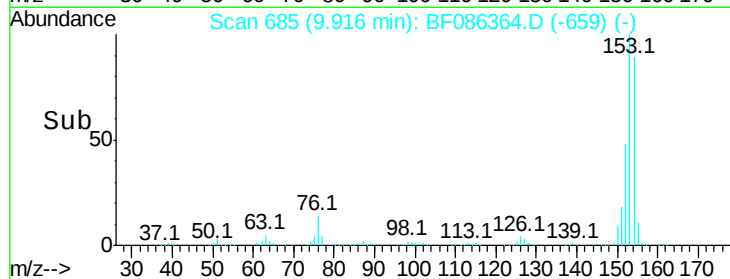
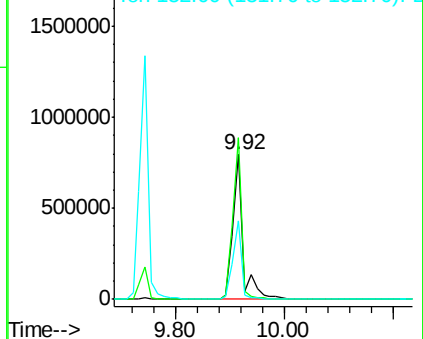
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.38 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

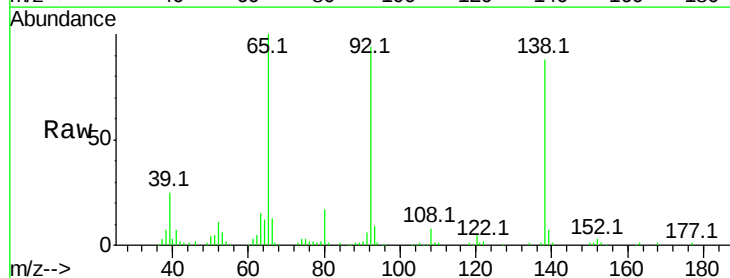
Tgt Ion:138 Resp: 176327

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

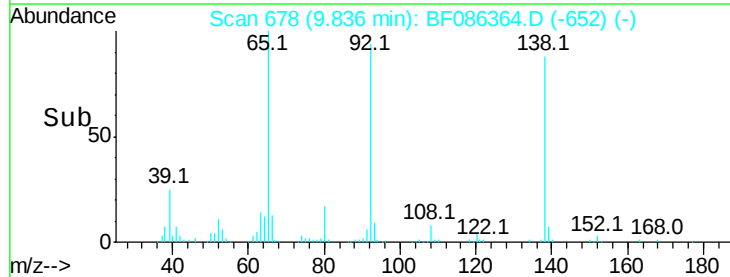
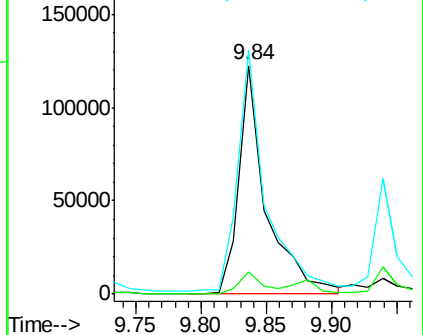
92 106.5 87.8 131.8

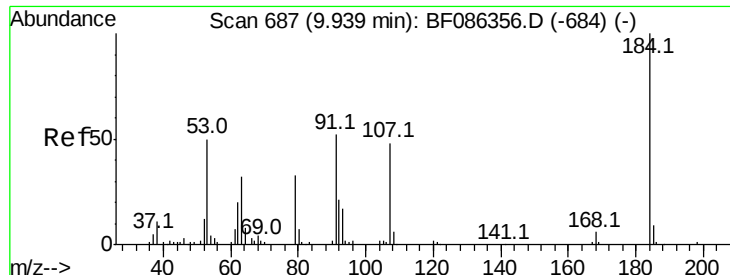


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





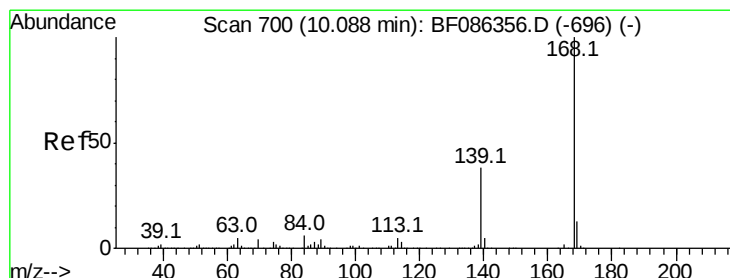
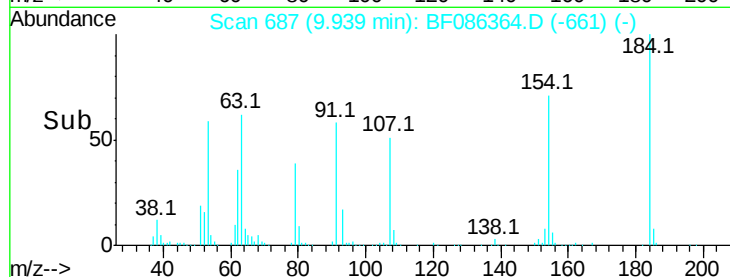
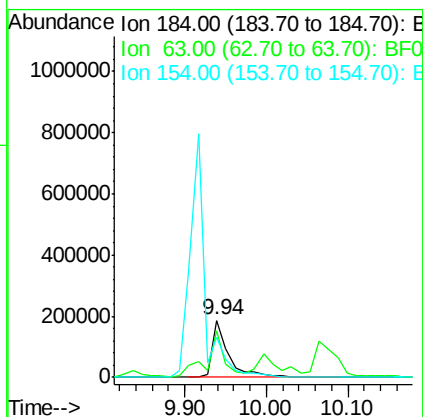
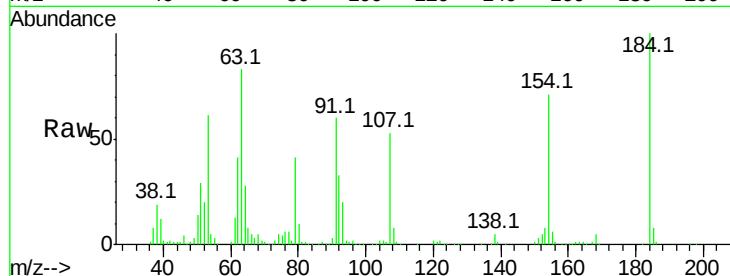
#53
2,4-Dinitrophenol
Concen: 83.38 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampled :
PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	261075		
63	82.9	55.8	83.8	
154	71.4	62.4	93.6	

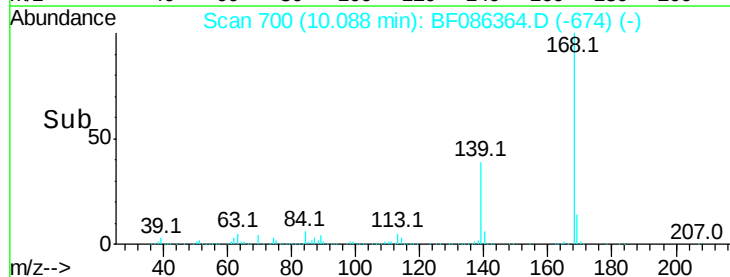
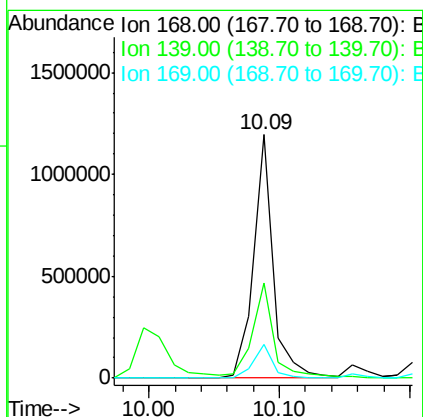
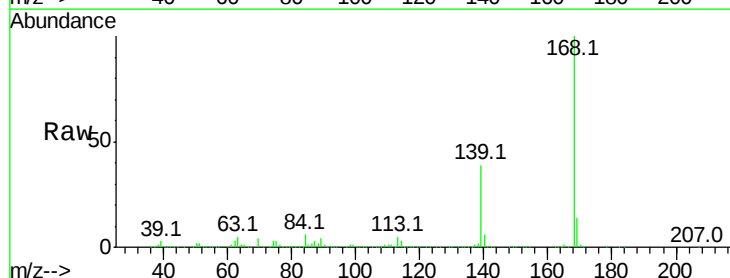
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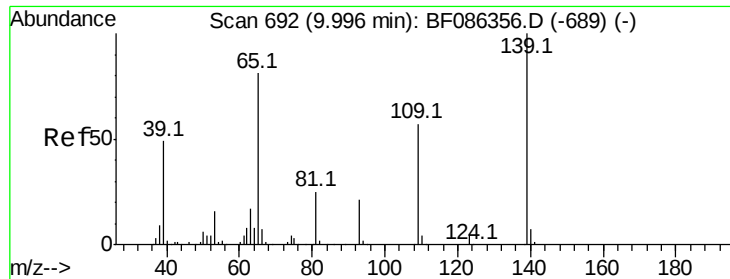
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#54
Dibenzofuran
Concen: 41.58 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1260673		
139	39.2	31.4	47.0	
169	13.6	10.7	16.1	





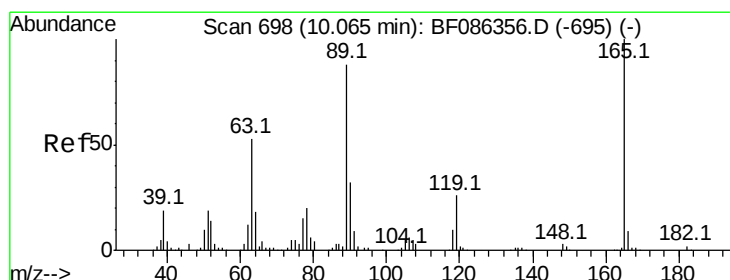
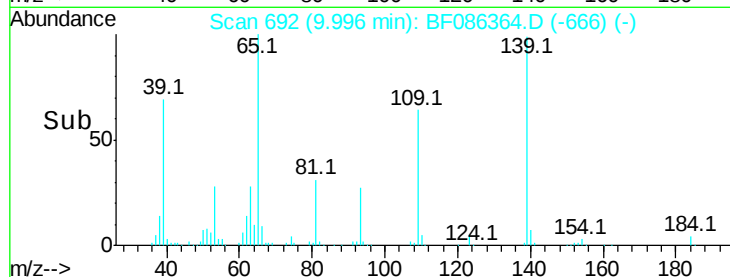
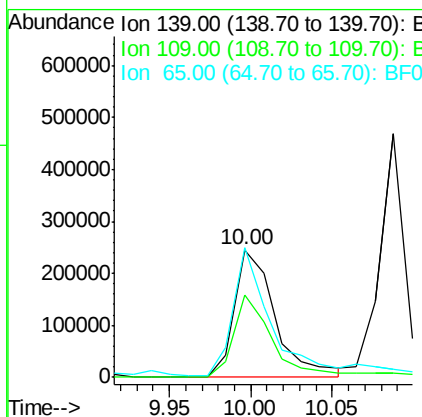
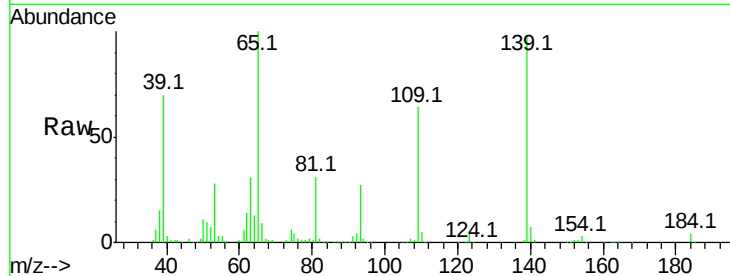
#55
4-Nitrophenol
Concen: 80.50 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	424728		
109	64.8	36.9	76.9	
65	101.9	64.0	104.0	

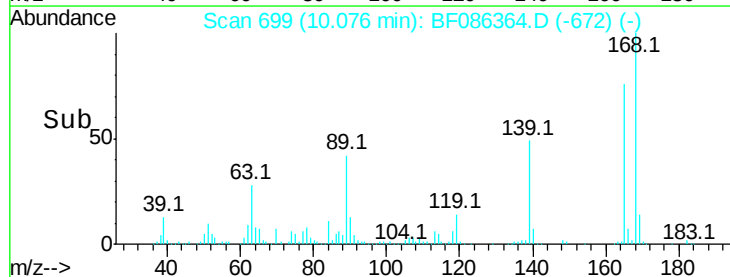
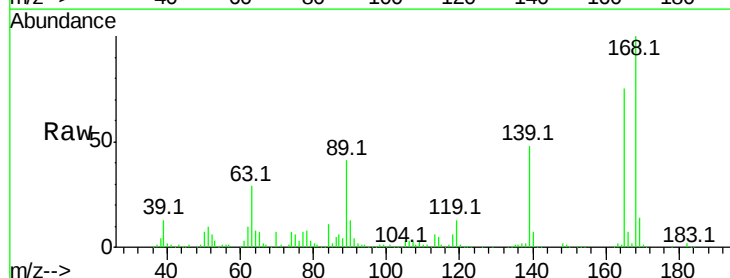
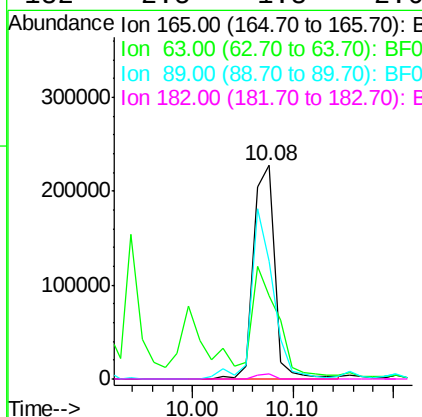
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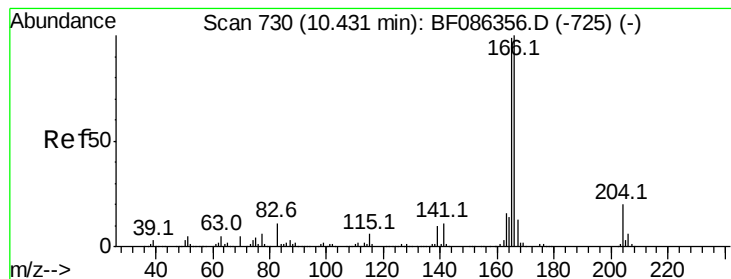
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#56
2,4-Dinitrotoluene
Concen: 41.92 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	335299		
63	39.0	44.3	66.5#	
89	55.0	70.0	105.0#	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 38.52 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

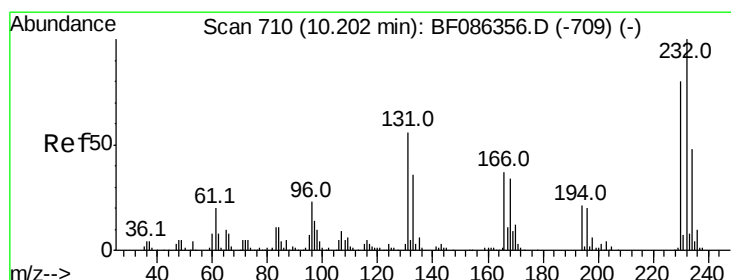
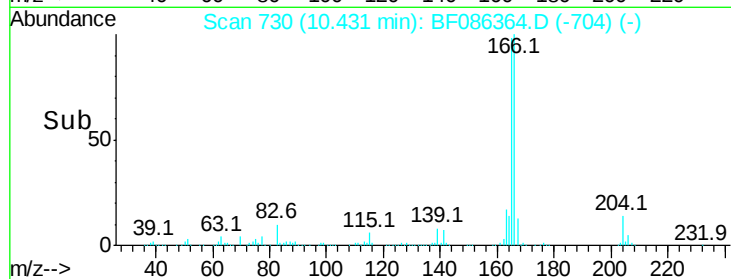
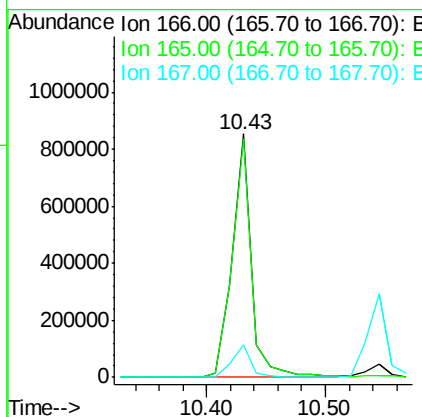
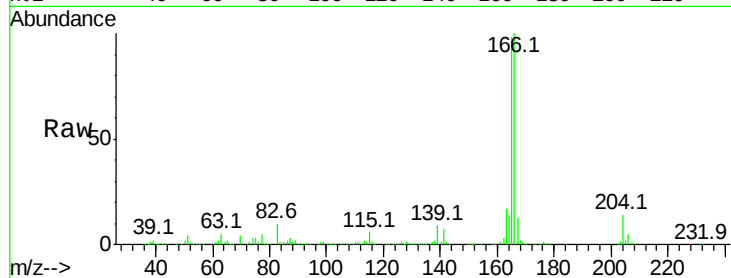
ClientSampleId :

PB90017BS

Tot Ion:	166	Resp:	956980
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.0	118.6
167	13.3	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.61 ng

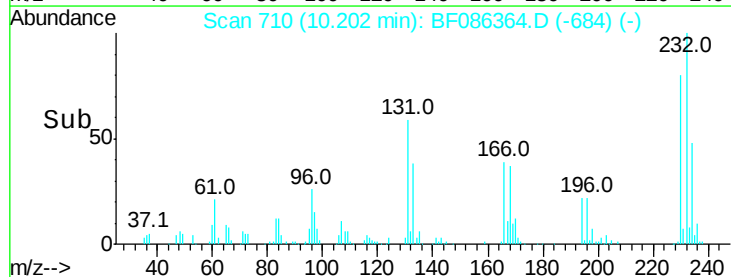
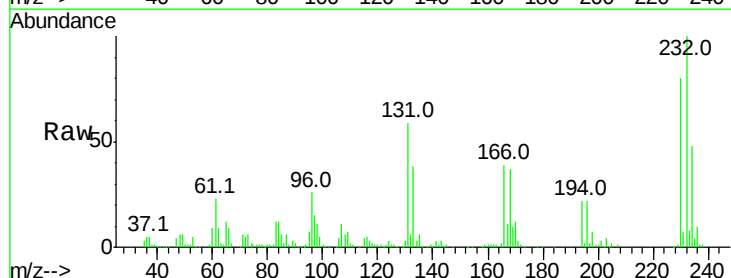
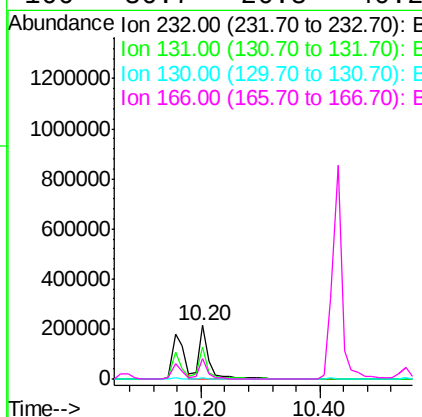
RT: 10.20 min Scan# 710

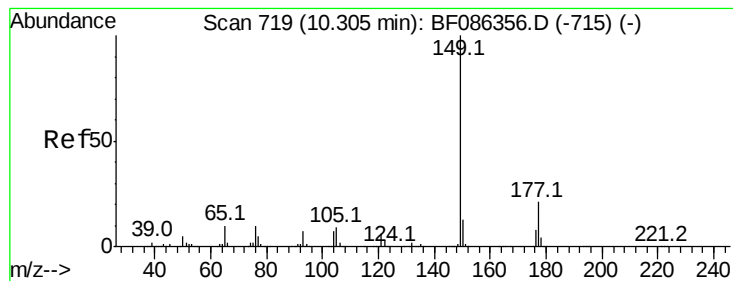
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	232	Resp:	256958
Ion Ratio	Lower	Upper	
232	100		
131	52.7	41.9	62.9
130	2.8	2.2	3.4
166	36.7	26.8	40.2





#59

Diethylphthalate

Concen: 38.32 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampled :

PB90017BS

Tot Ion:149 Resp: 1023228

Ion Ratio Lower Upper

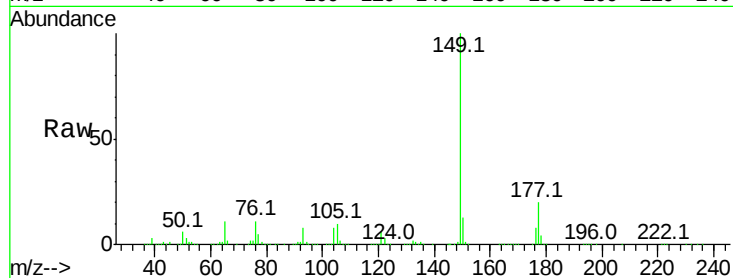
149 100

177 20.3 16.6 24.8

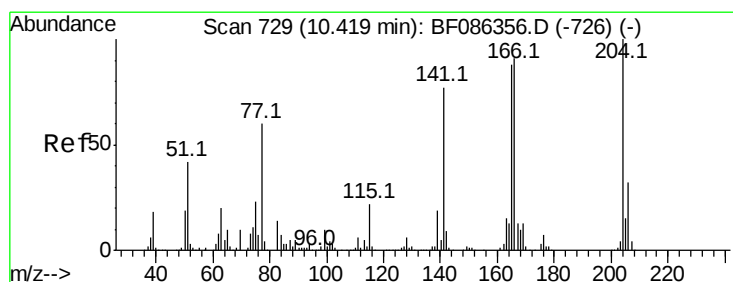
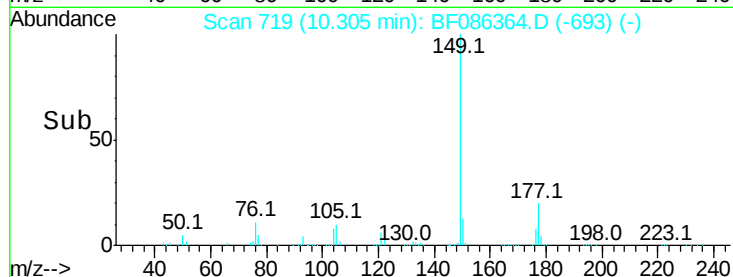
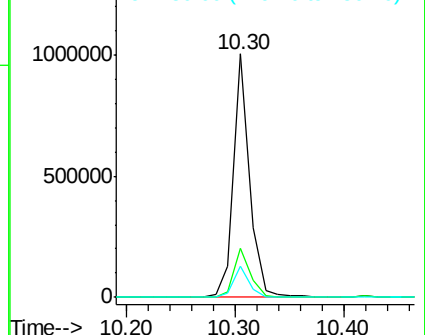
150 13.0 10.0 15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.91 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

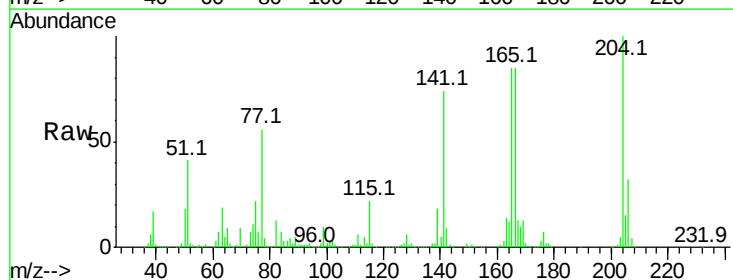
Tgt Ion:204 Resp: 401046

Ion Ratio Lower Upper

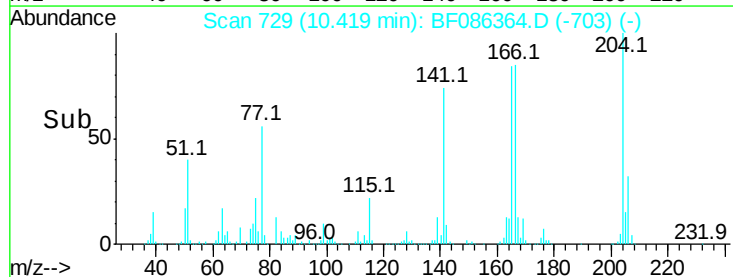
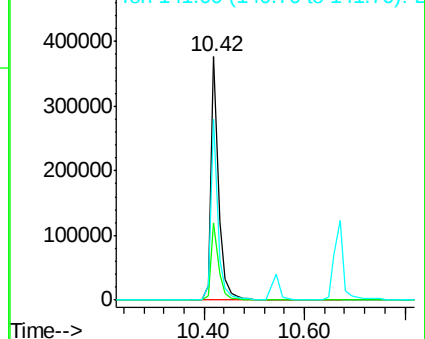
204 100

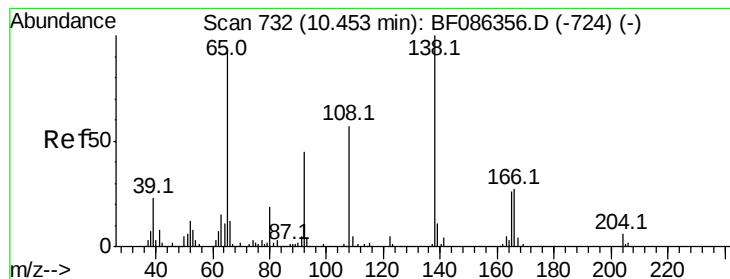
206 31.9 25.4 38.0

141 74.3 61.6 92.4



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





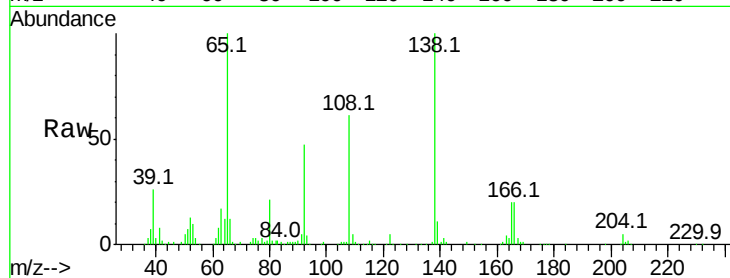
#61
4-Nitroaniline
Concen: 40.69 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	24.7	64.7
108	61.2	37.4	77.4

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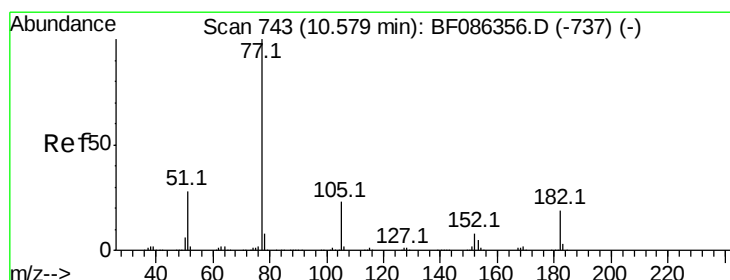
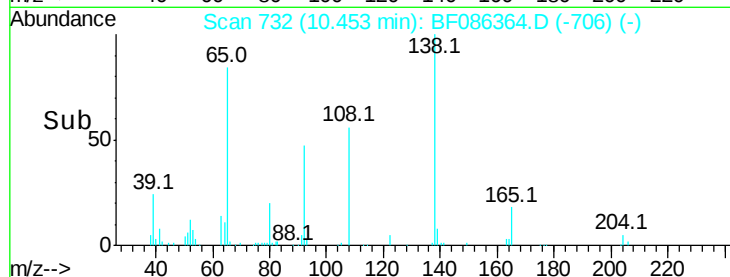
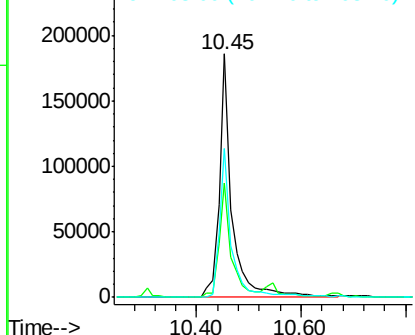


Abundance

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: 40.52 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.0	38.8
105	23.5	3.2	43.2
51	29.8	8.8	48.8

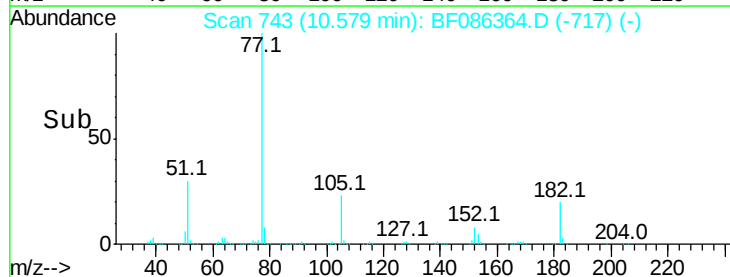
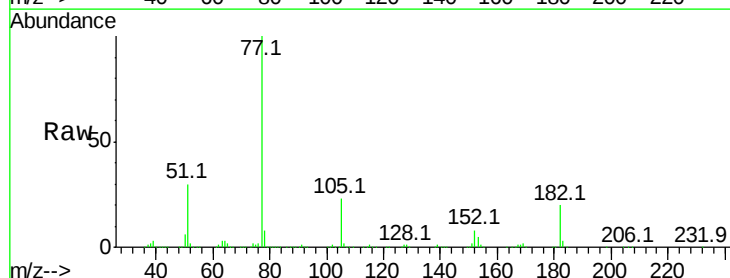
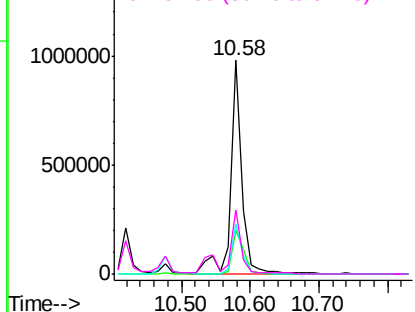
Abundance

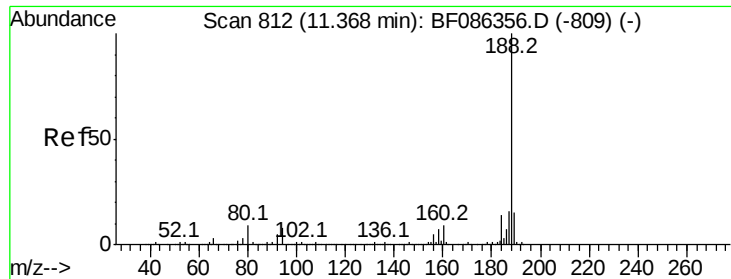
Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

Tot Ion:188 Resp: 739046

Ion Ratio Lower Upper

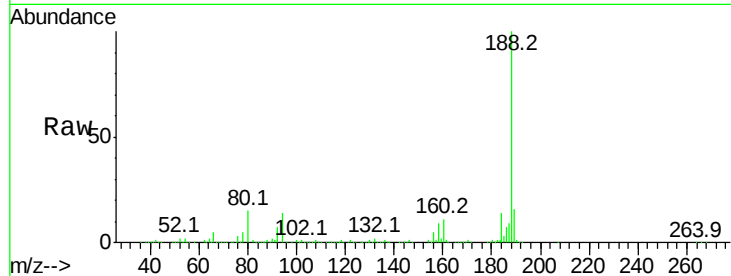
188 100

94 13.7 6.8 10.2#

80 15.0 7.1 10.7#

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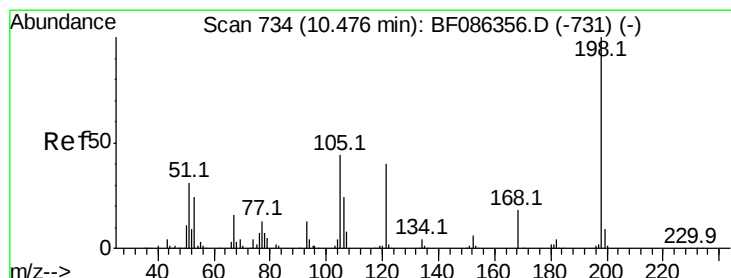
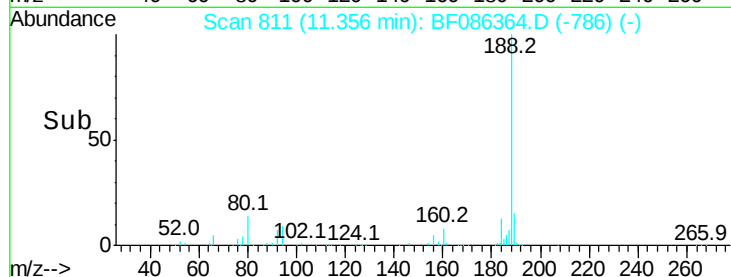
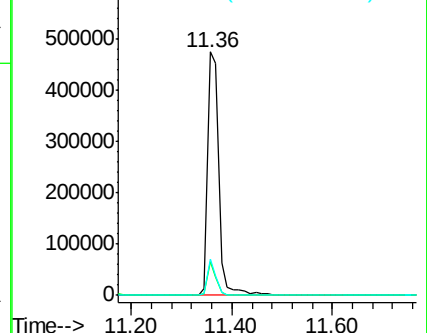
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.99 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

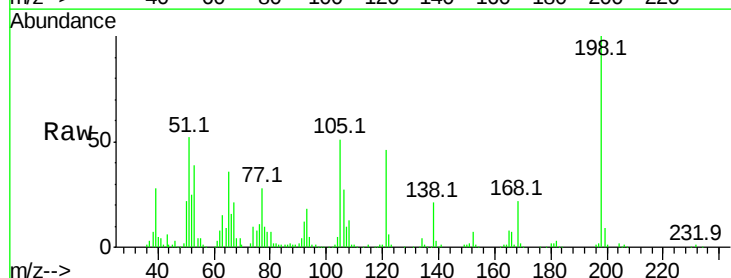
Tgt Ion:198 Resp: 171579

Ion Ratio Lower Upper

198 100

51 52.2 20.5 60.5

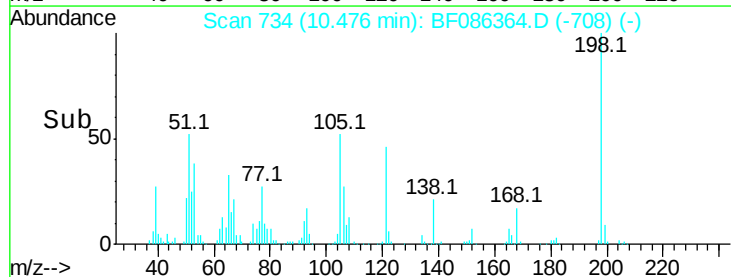
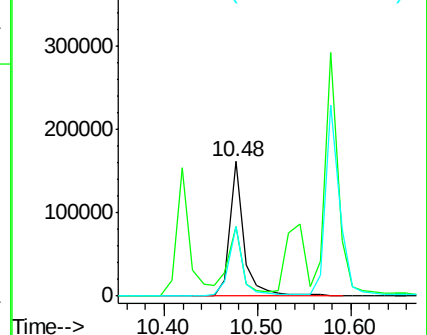
105 51.5 24.5 64.5

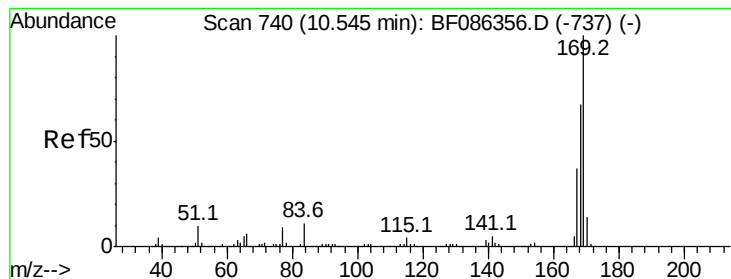


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





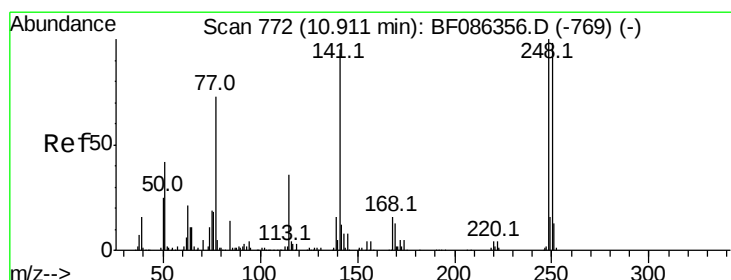
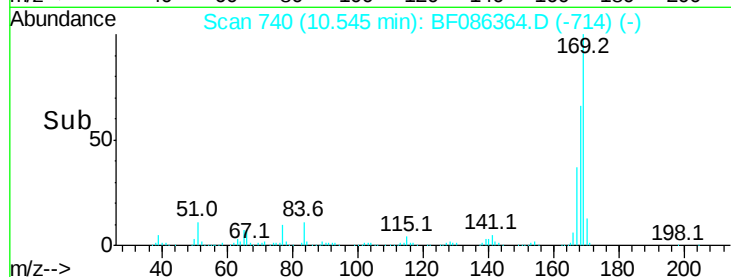
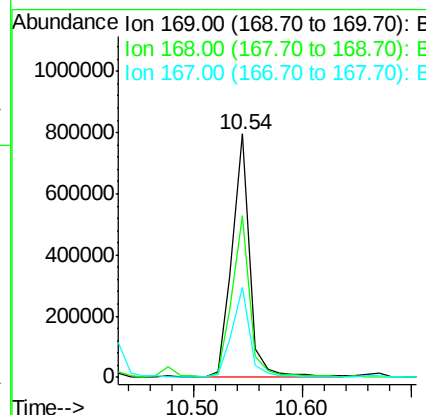
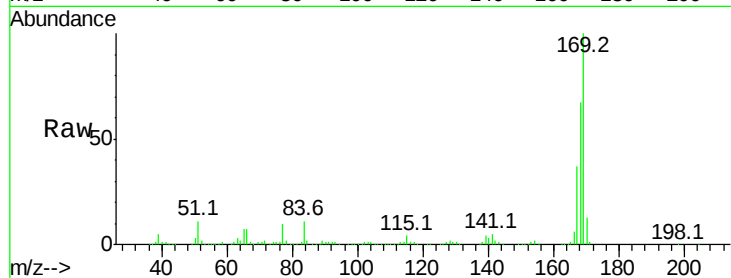
#65
n-Nitrosodiphenylamine
Concen: 39.34 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampled :
PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.5	53.8	80.6	
167	37.0	29.5	44.3	

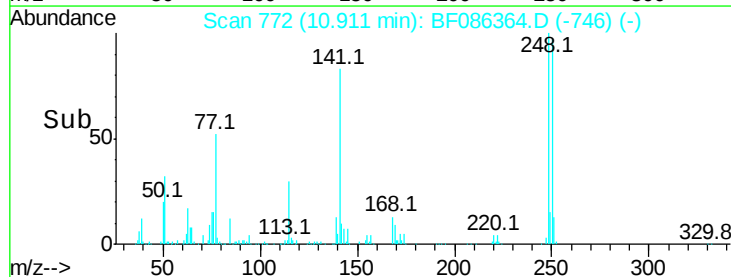
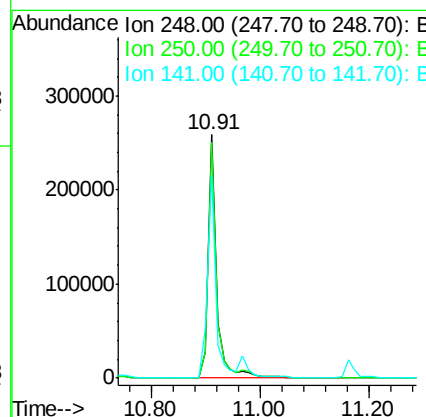
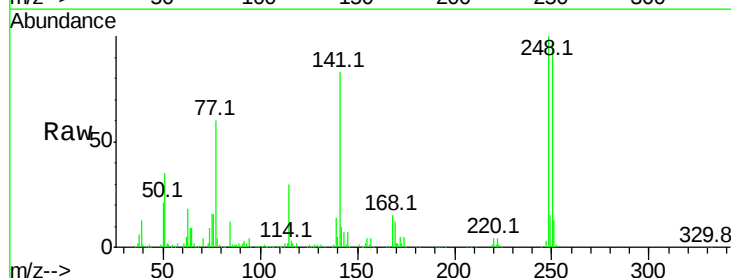
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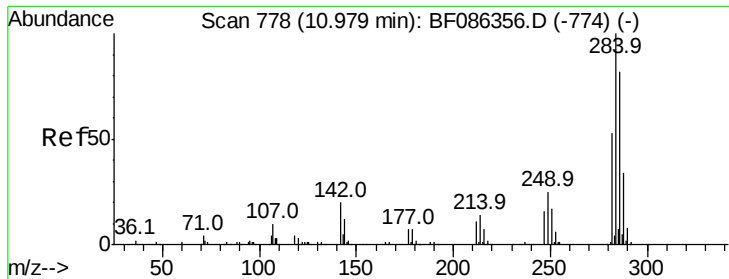
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#66
4-Bromophenyl-phenylether
Concen: 38.67 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	78.6	117.8	
141	83.5	76.0	114.0	





#67

Hexachlorobenzene

Concen: 37.31 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

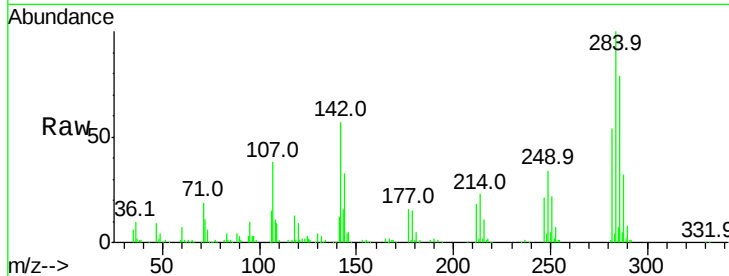
ClientSampled :

PB90017BS

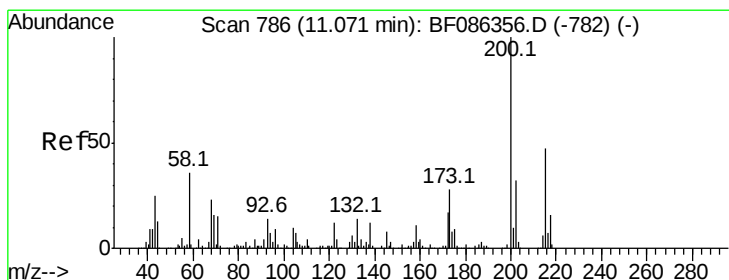
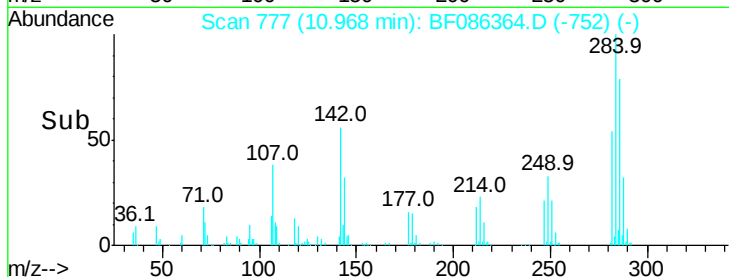
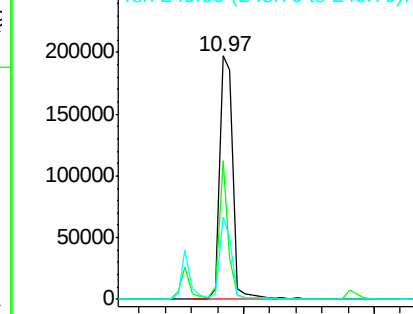
Tot Ion:	284	Resp:	288096
Ion Ratio	Lower	Upper	
284	100		
142	57.1	16.7	25.1#
249	33.7	21.3	31.9#

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



#68

Atrazine

Concen: 40.17 ng

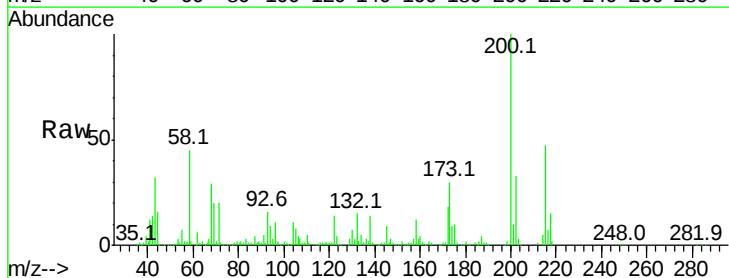
RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

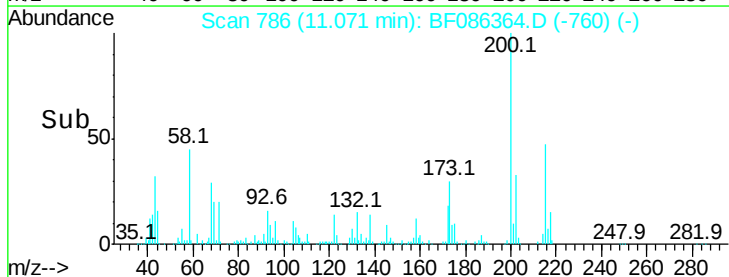
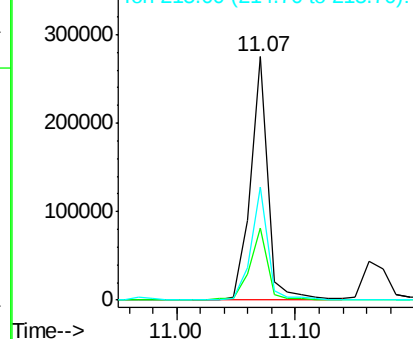
Lab File: BF086364.D

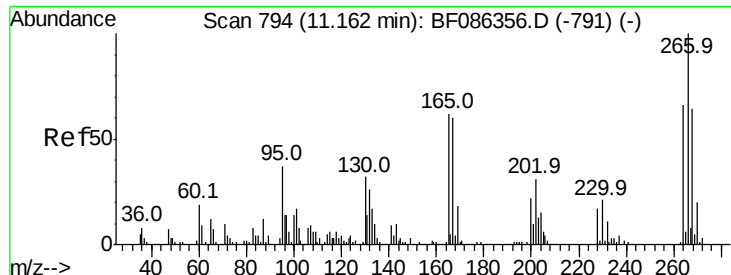
Acq: 23 Apr 2016 1:54

Tgt Ion:	200	Resp:	282648
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.5	48.5
215	46.6	27.2	67.2



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





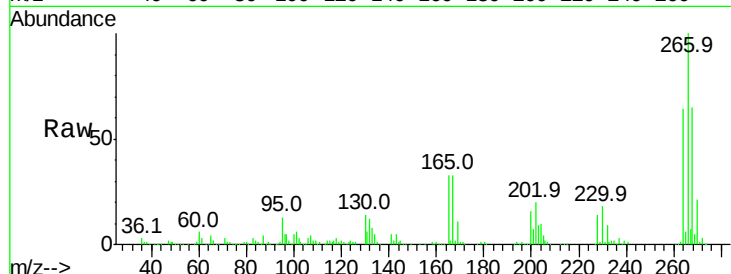
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

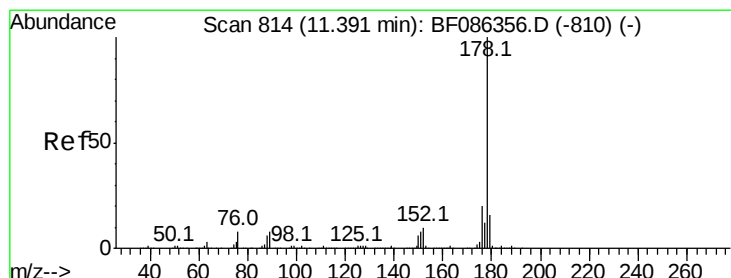
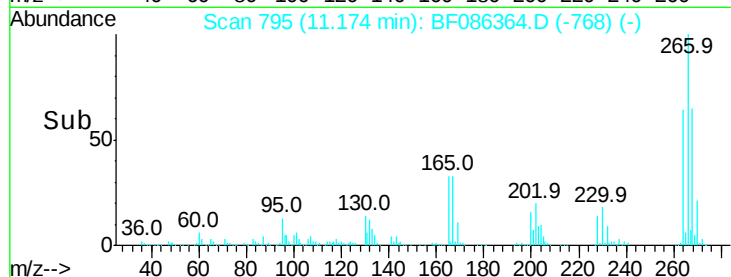
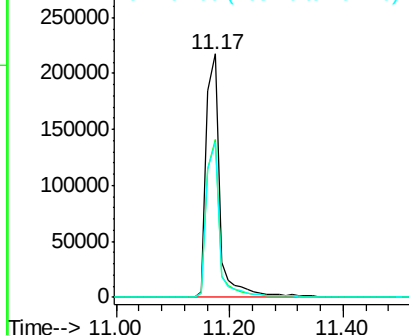
Tot Ion	Ratio	Resp	Lower	Upper
266	100	347701		
268	65.0		51.5	77.3
264	63.7		52.9	79.3

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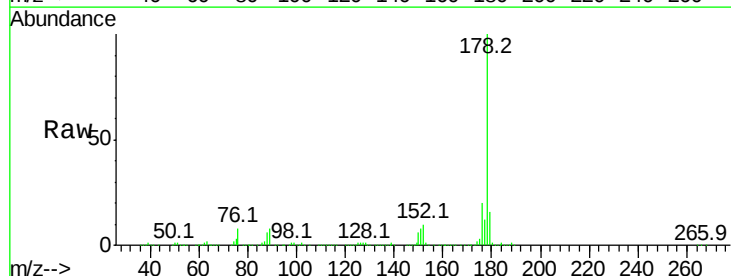


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

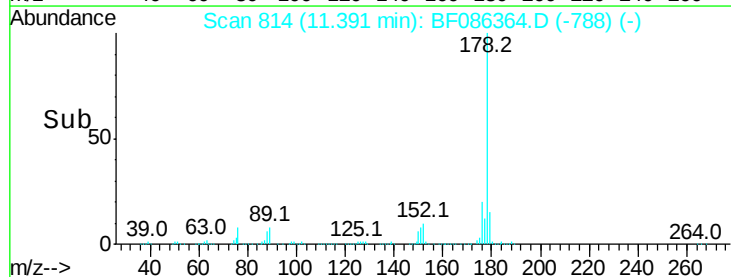
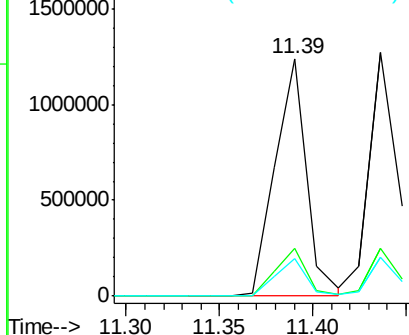


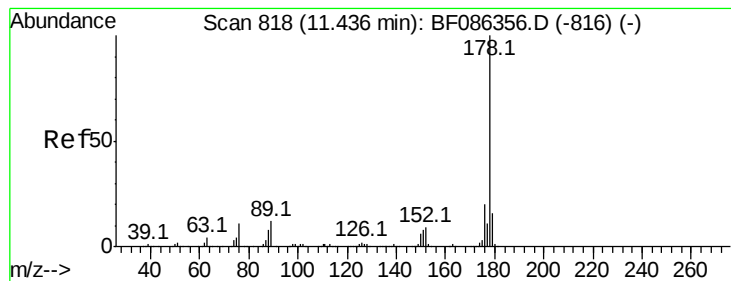
#70
 Phenanthrene
 Concen: 39.40 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1463111		
176	20.3		16.0	24.0
179	15.5		12.6	18.8



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





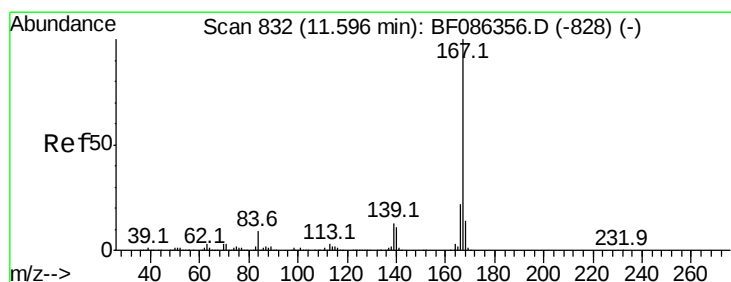
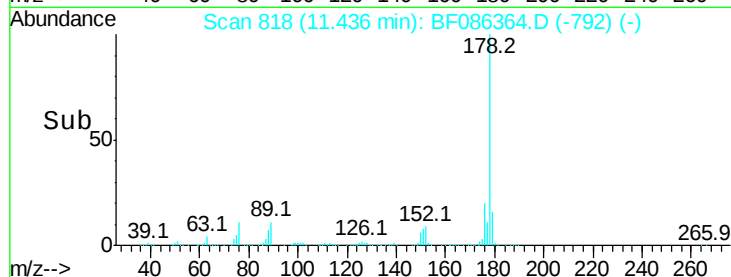
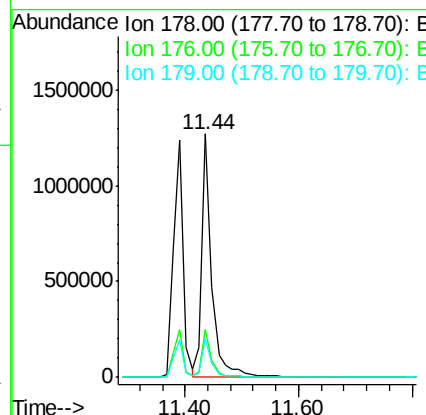
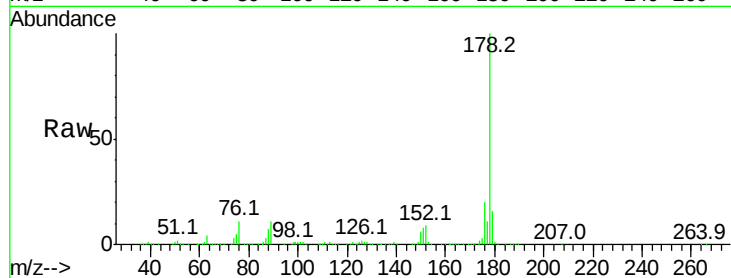
#71
 Anthracene
 Concen: 35.91 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion:178 Resp: 1527888
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 16.1 12.7 19.1

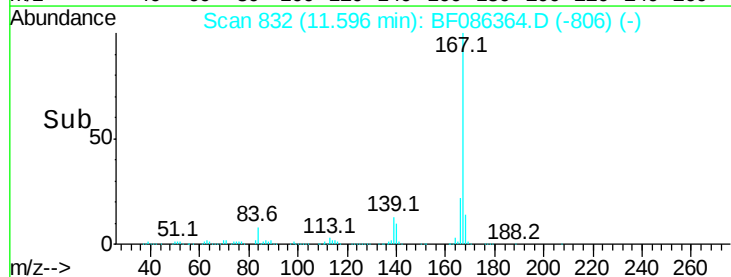
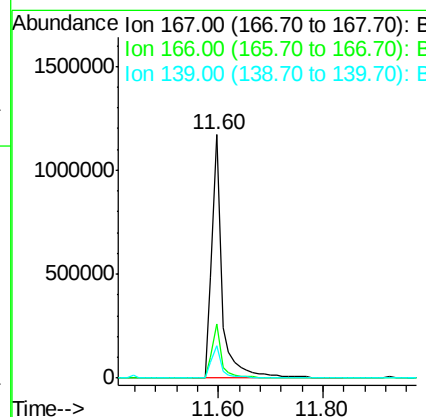
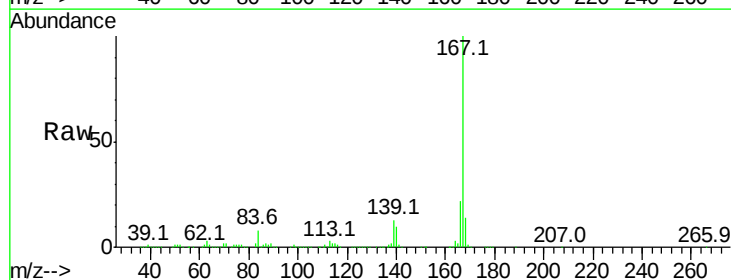
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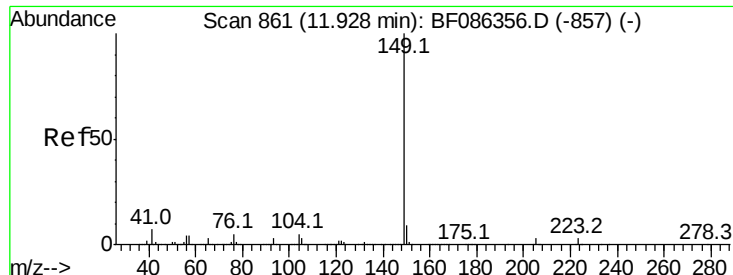
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#72
 Carbazole
 Concen: 40.35 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:167 Resp: 1612551
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.26 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleID :

PB90017BS

Tot Ion:149 Resp: 1650466

Ion Ratio Lower Upper

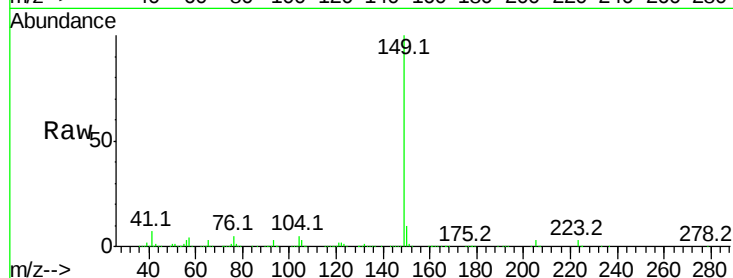
149 100

150 9.9 7.6 11.4

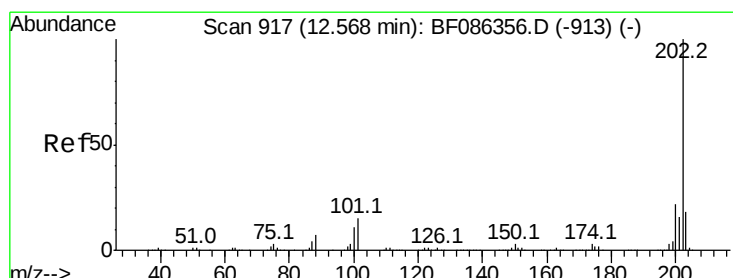
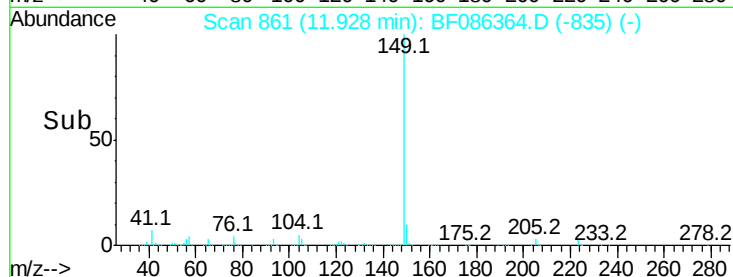
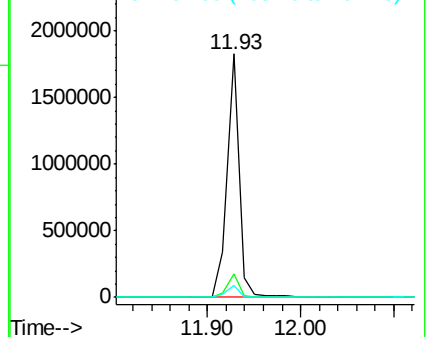
104 4.8 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.19 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

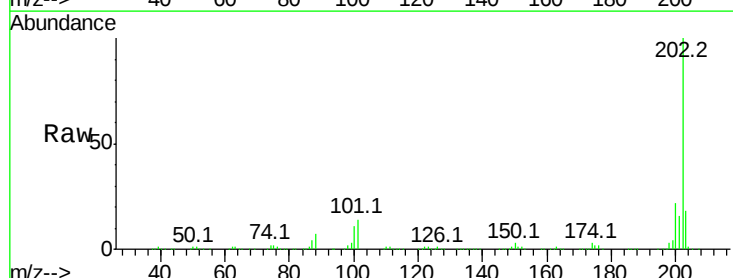
Tgt Ion:202 Resp: 1529308

Ion Ratio Lower Upper

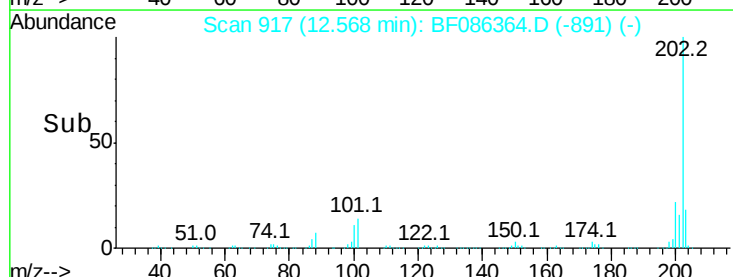
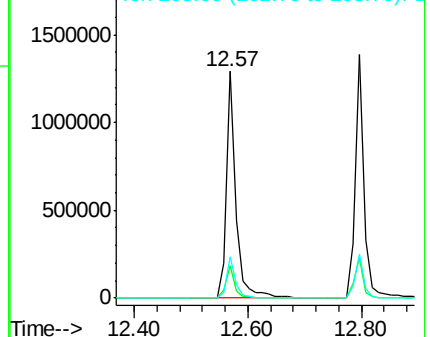
202 100

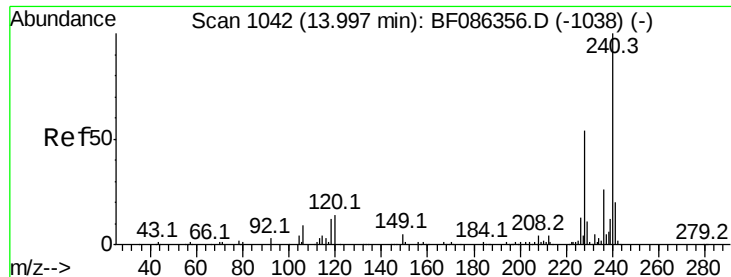
101 14.1 0.0 35.4

203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

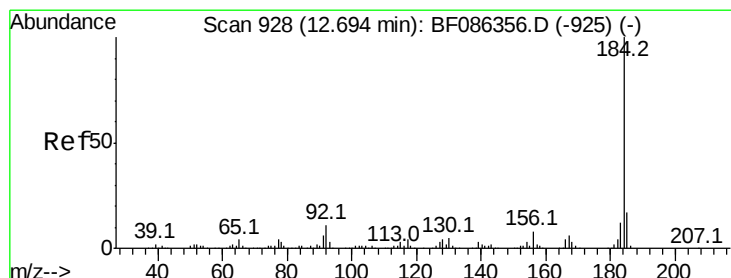
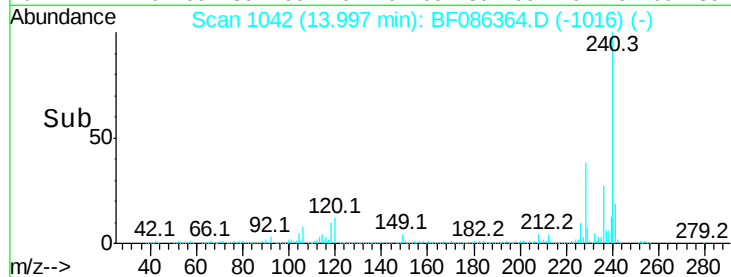
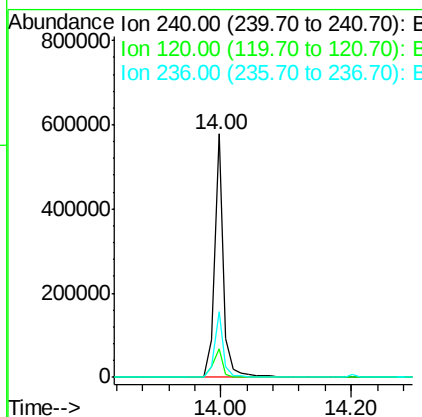
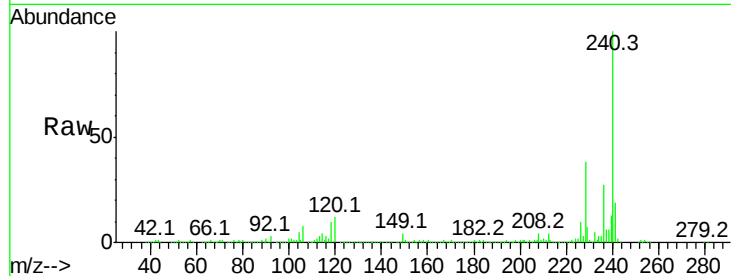
ClientSampleId :

PB90017BS

Tot Ion:	240	Resp:	563455
Ion Ratio	Lower	Upper	
240	100		
120	11.8	11.2	16.8
236	26.8	21.2	31.8

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#76

Benzidine

Concen: 29.11 ng

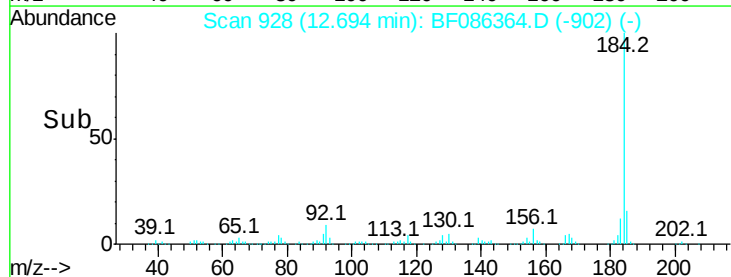
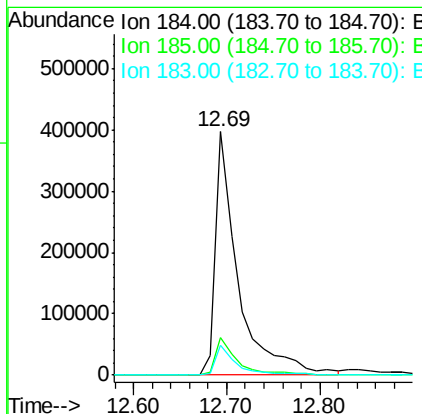
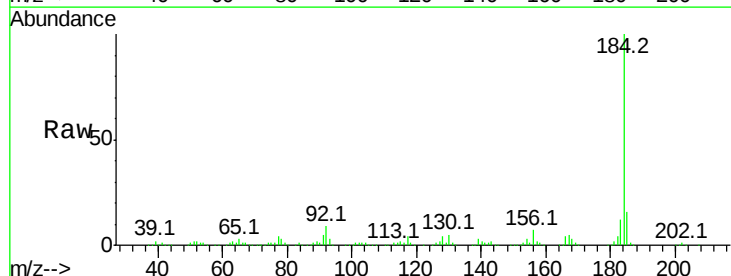
RT: 12.69 min Scan# 928

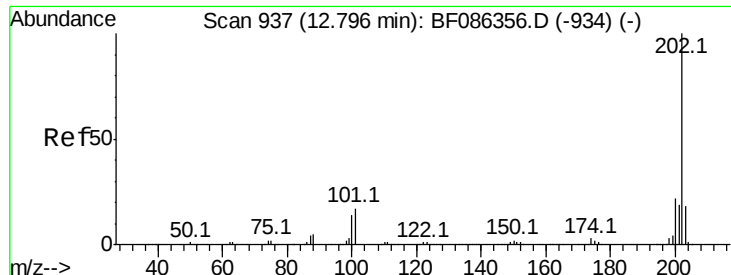
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:	184	Resp:	672586
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.6	20.4
183	12.3	9.8	14.6





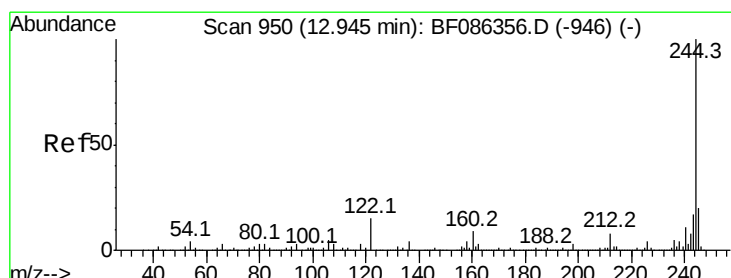
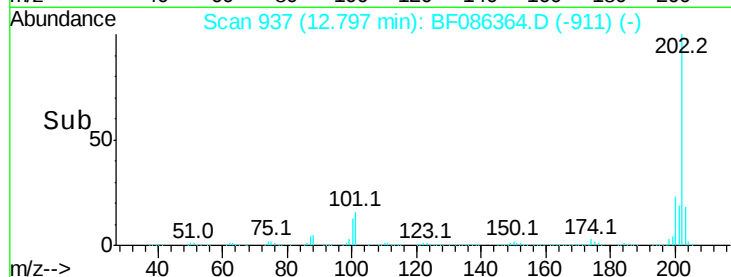
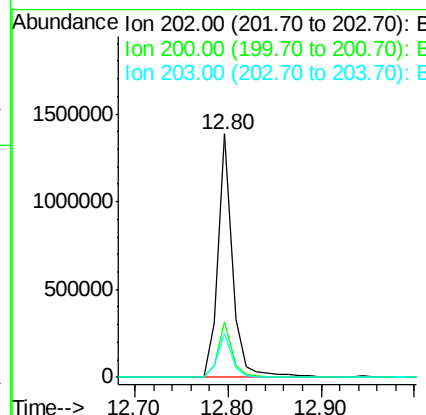
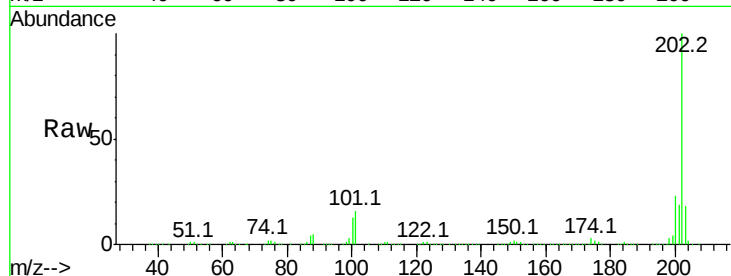
#77
Pvrene
Concen: 37.99 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion:202 Resp: 1493014
Ion Ratio Lower Upper
202 100
200 22.5 17.7 26.5
203 18.0 14.2 21.4

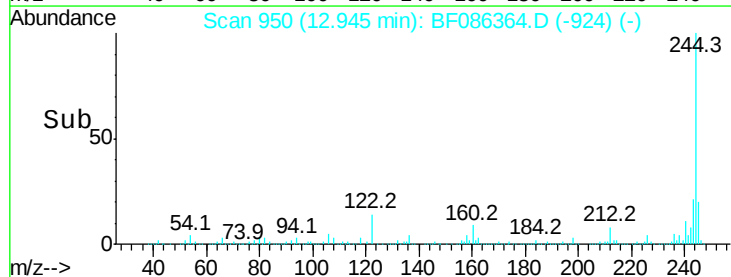
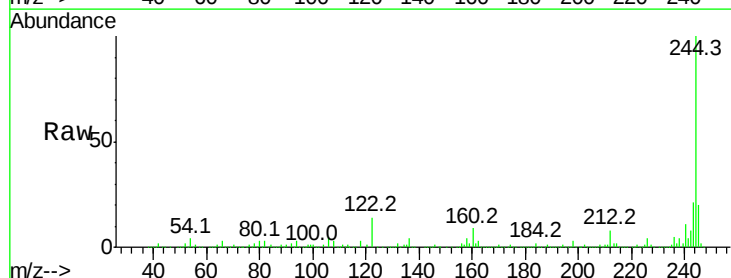
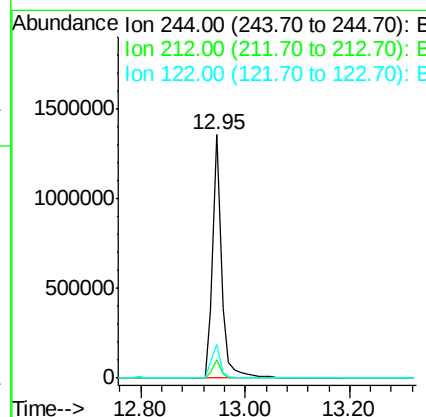
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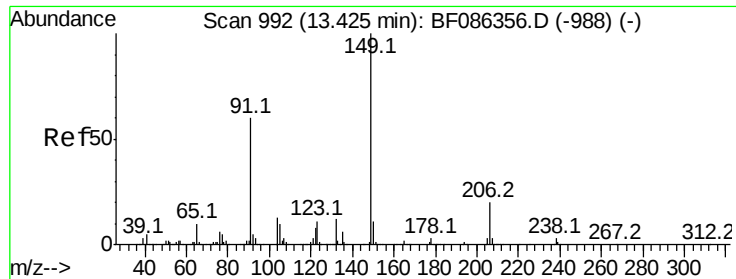
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#78
Terphenyl-d14
Concen: 72.00 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:244 Resp: 1632795
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.0 12.0 18.0





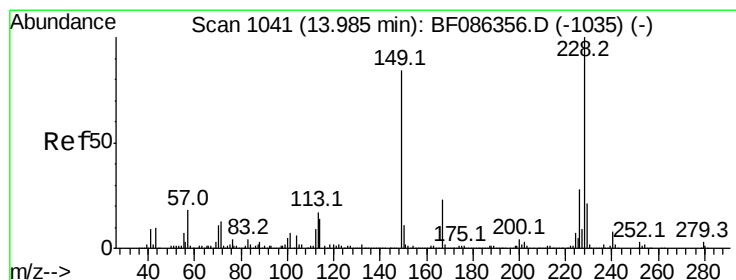
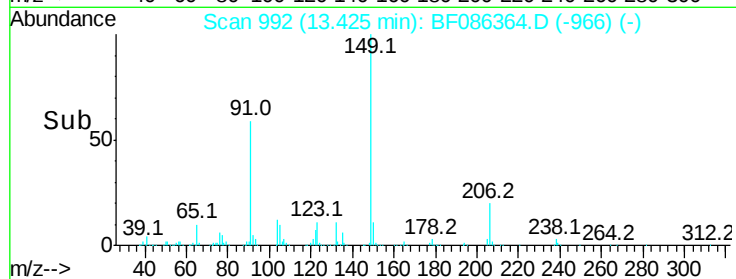
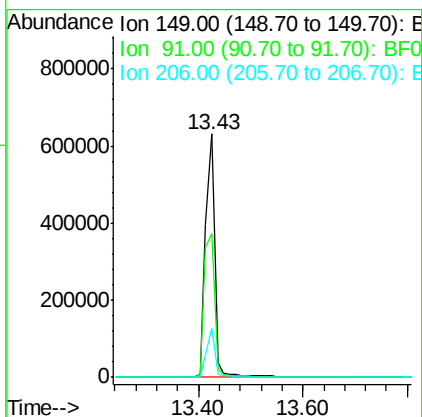
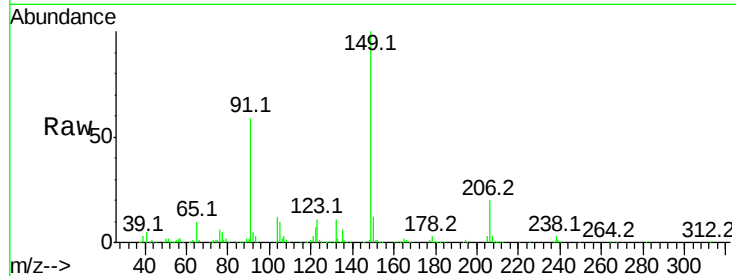
#79
Butylbenzylphthalate
Concen: 42.31 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	774468		
91	58.9	48.0	72.0	
206	20.1	15.8	23.6	

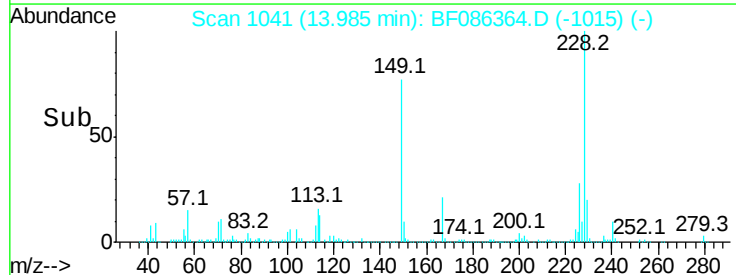
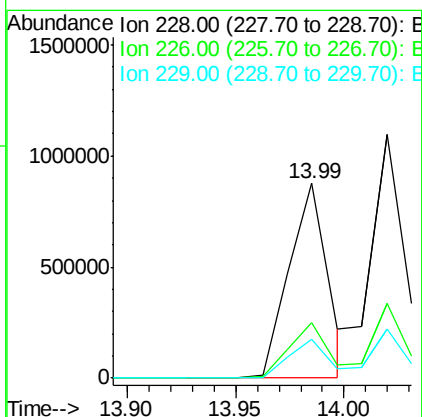
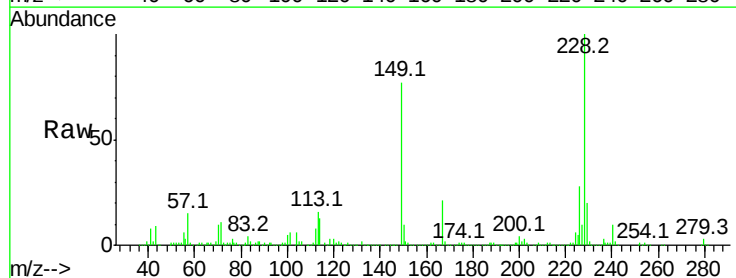
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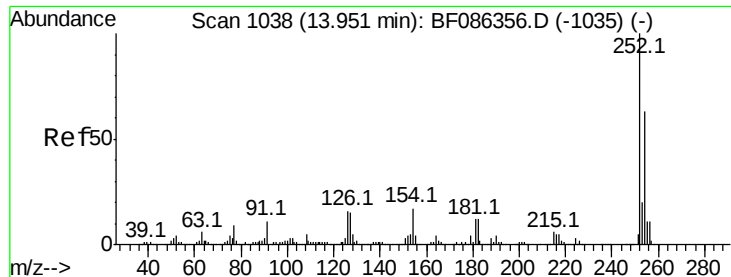
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#80
Benzo(a)anthracene
Concen: 37.12 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1085802		
226	28.2	22.5	33.7	
229	20.2	16.6	25.0	





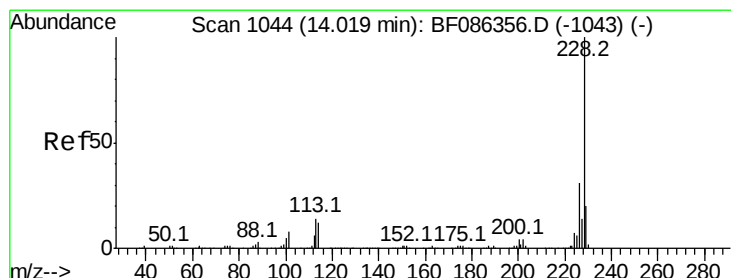
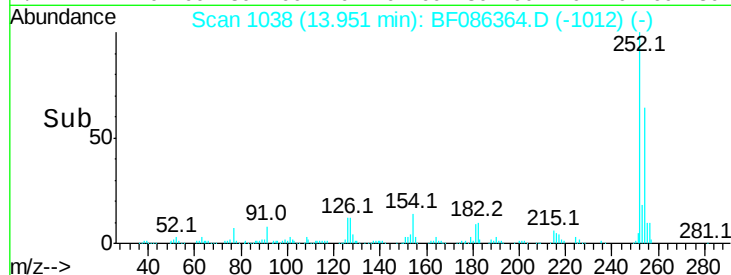
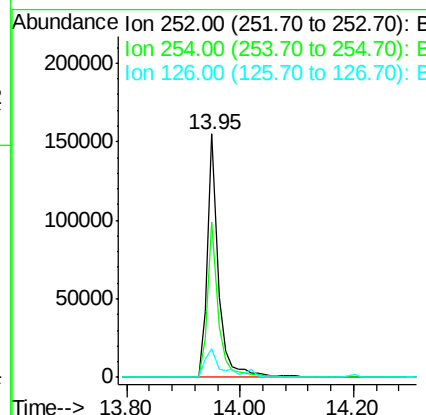
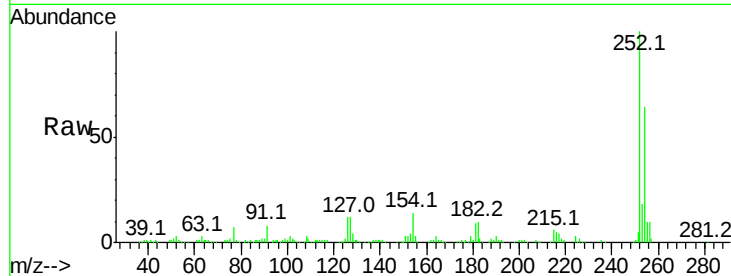
#81
 3,3'-Dichlorobenzidine
 Concen: 10.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	202554		
254	63.8	50.7	76.1	
126	11.9	12.7	19.1	

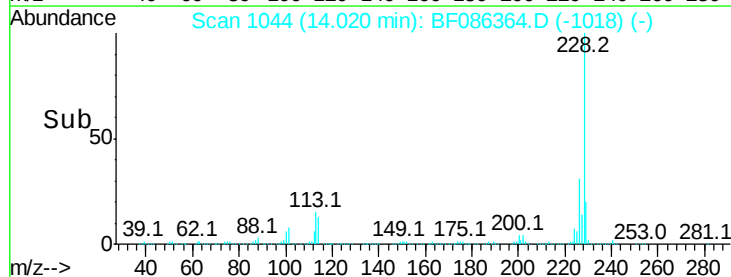
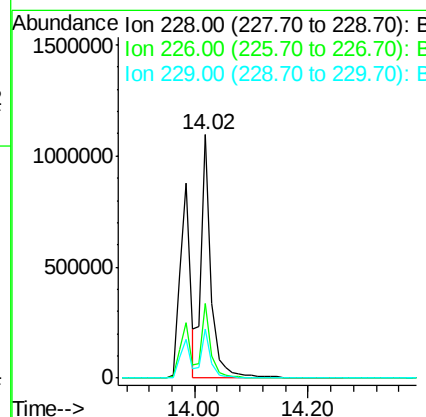
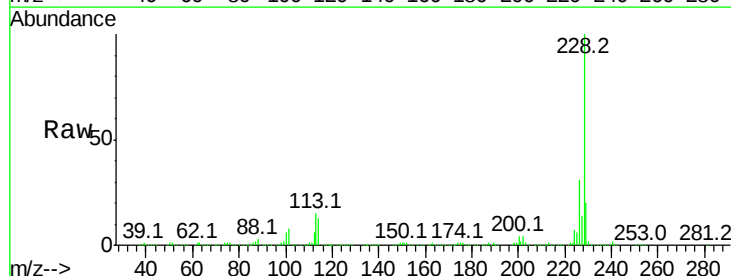
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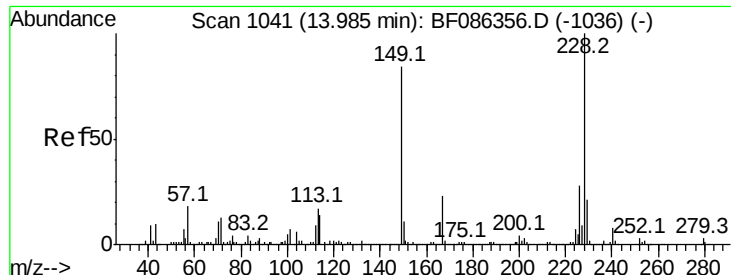
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#82
 Chrysene
 Concen: 39.54 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1303161		
226	30.7	24.4	36.6	
229	19.9	15.8	23.8	





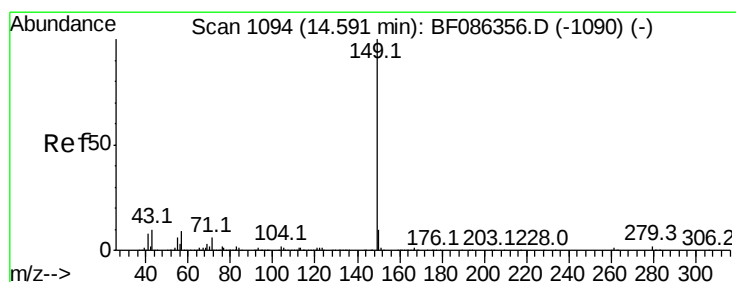
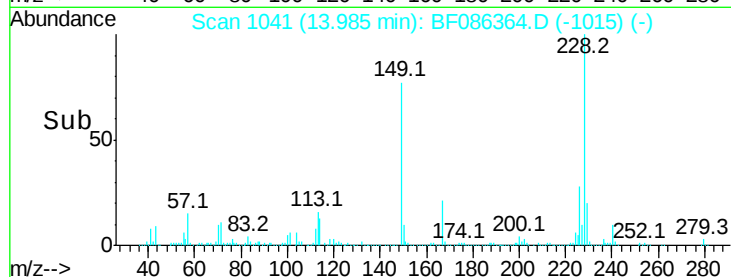
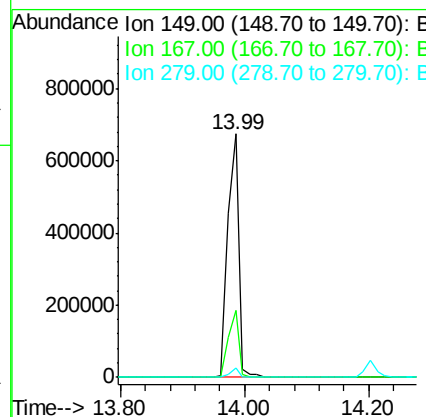
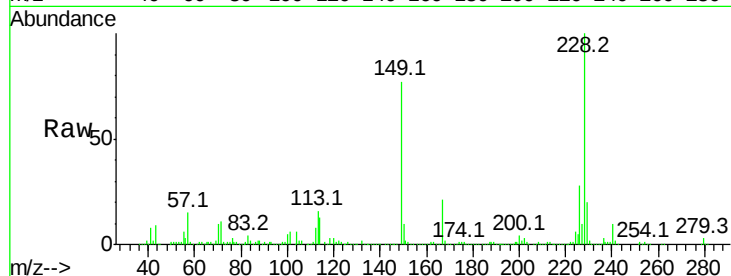
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.57 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	811127		
167	27.3	21.8	32.6	
279	3.8	2.6	4.0	

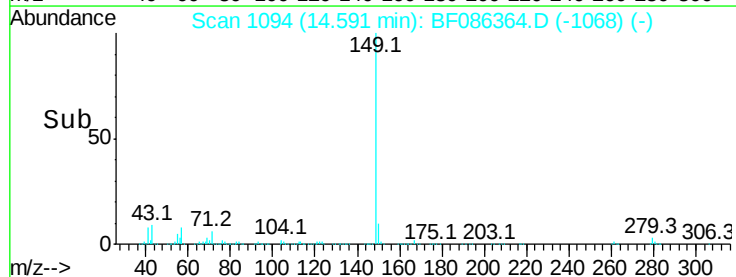
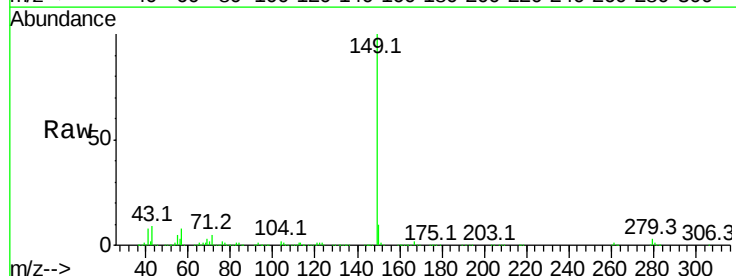
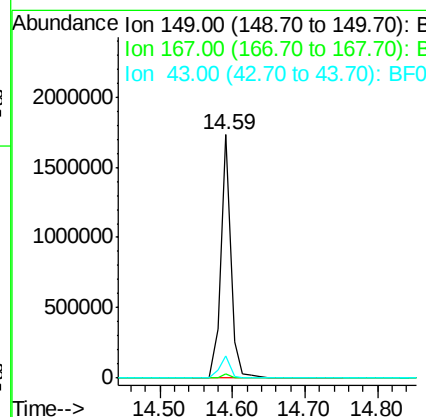
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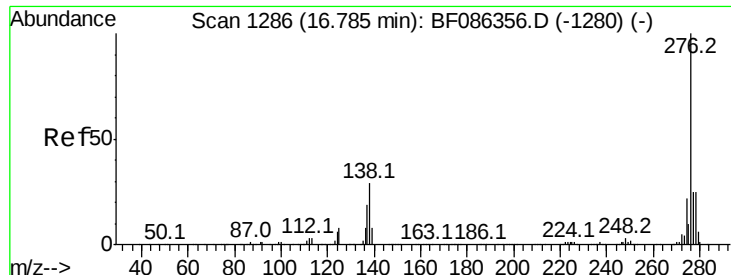
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#84
 Di-n-octyl phthalate
 Concen: 42.23 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1661857		
167	1.5	1.2	1.8	
43	9.7	8.2	12.4	





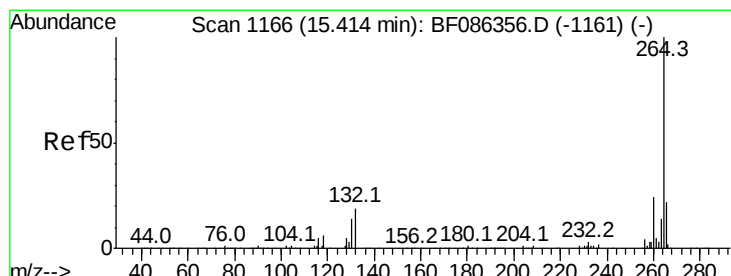
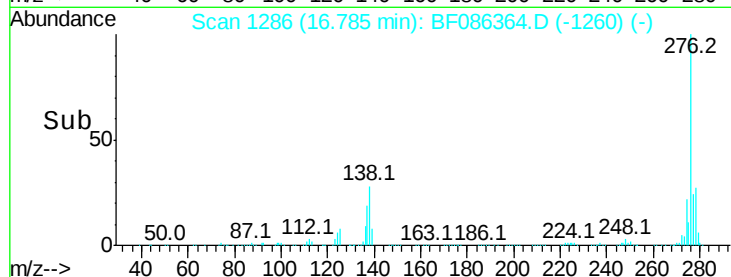
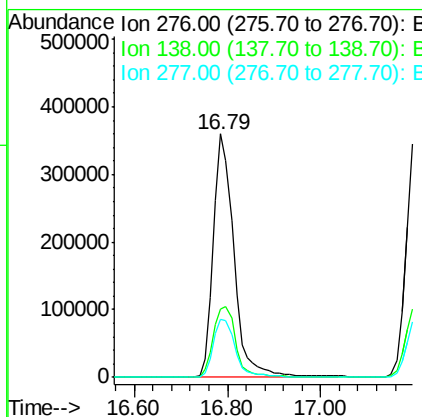
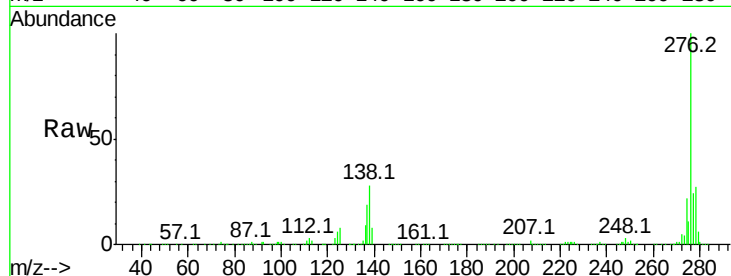
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.01 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.6	38.4
277	25.5	20.5	30.7

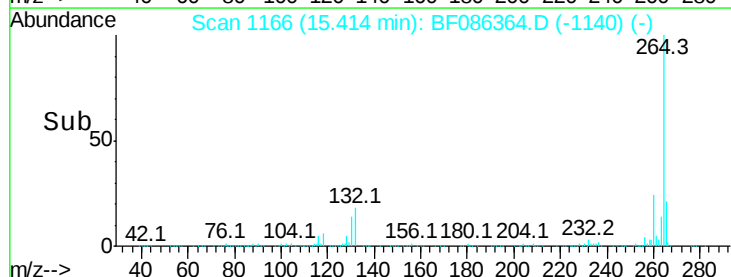
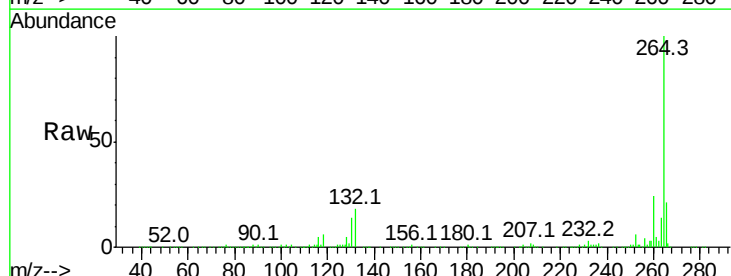
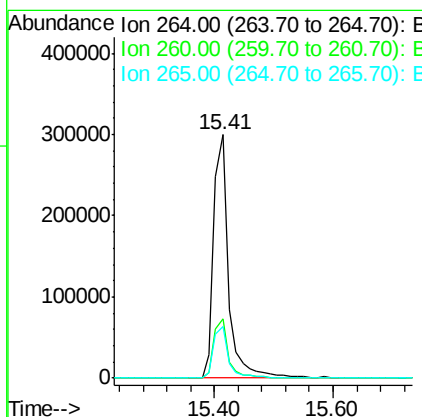
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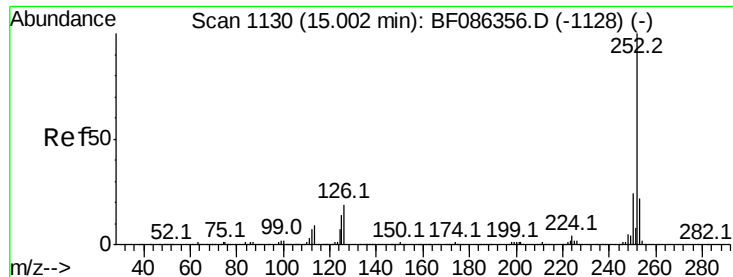
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 49.69 ng m

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

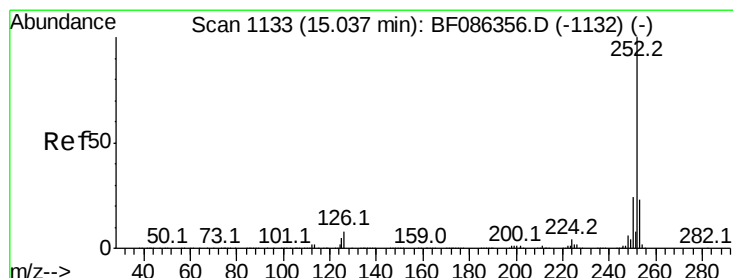
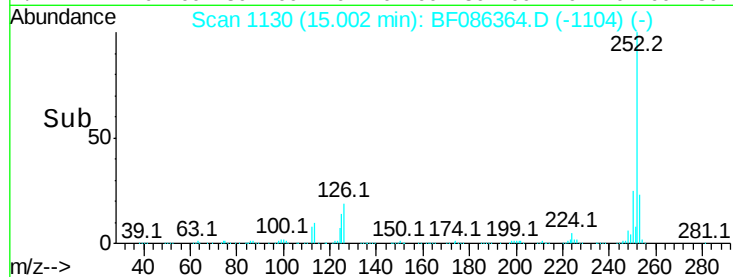
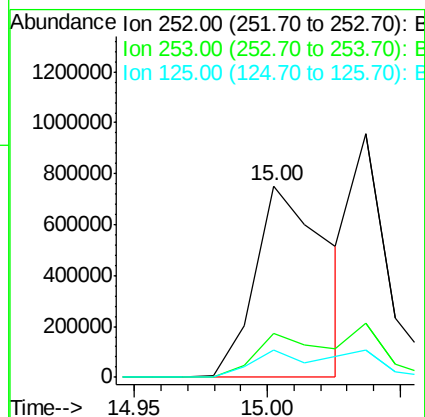
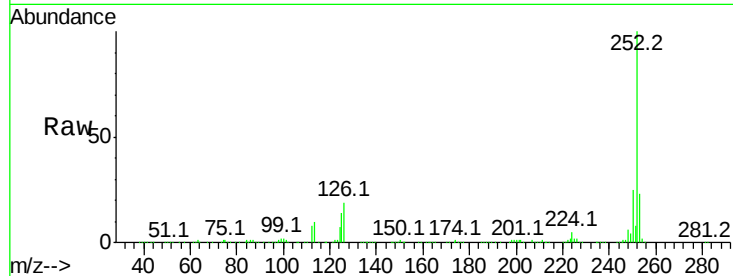
Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion:252 Resp: 1421753

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.1	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 34.38 ng m

RT: 15.04 min Scan# 1133

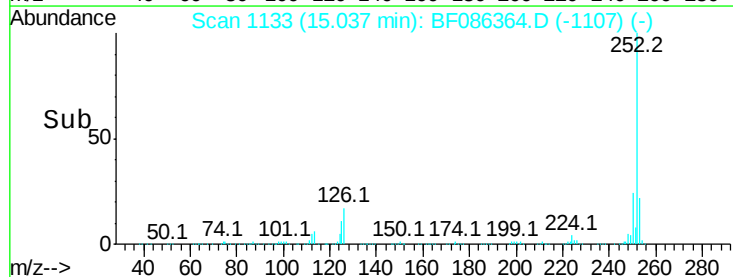
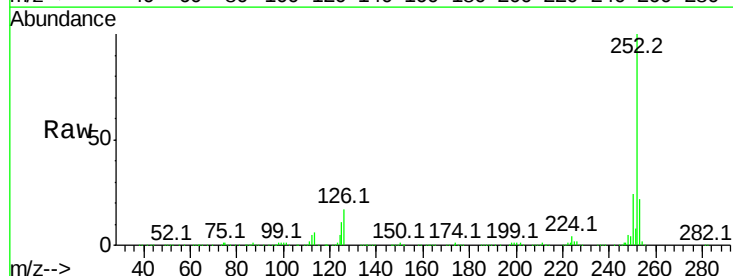
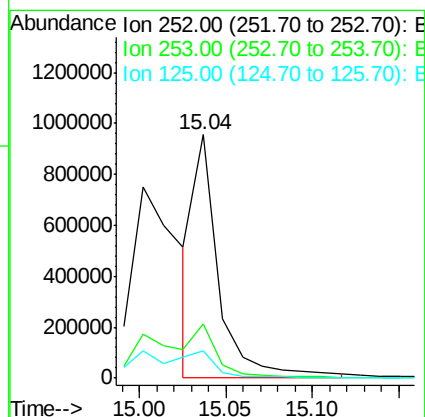
Delta R.T. 0.00 min

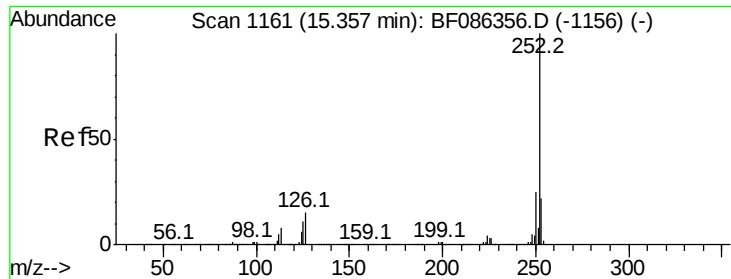
Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:252 Resp: 965531

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.5	9.1	13.7





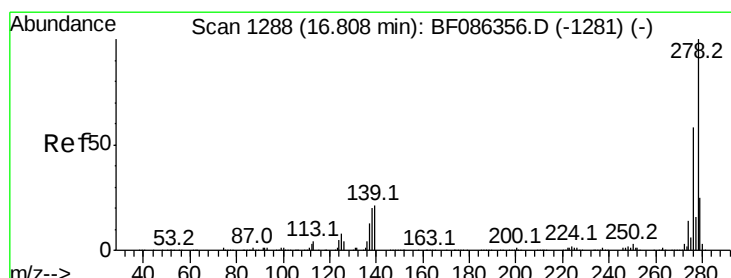
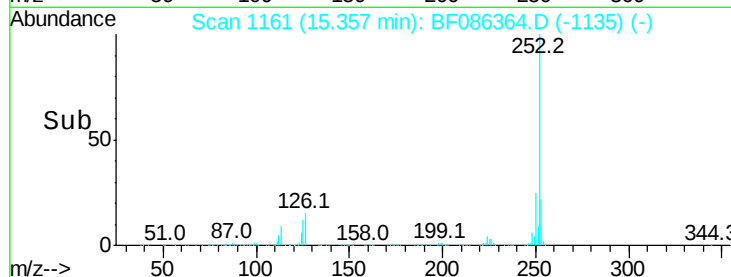
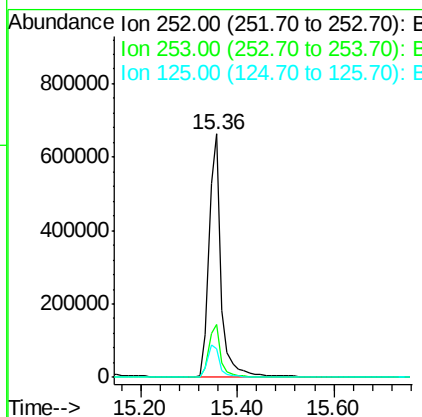
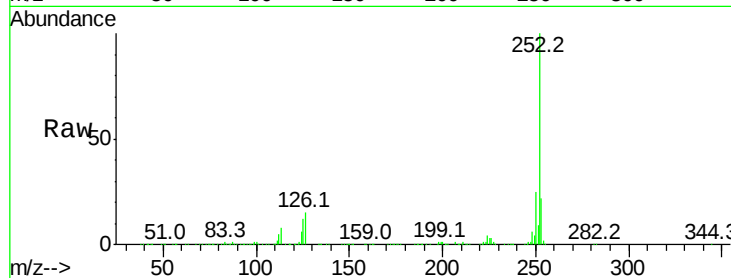
#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tot Ion:252 Resp: 1150047
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.6 9.0 13.6

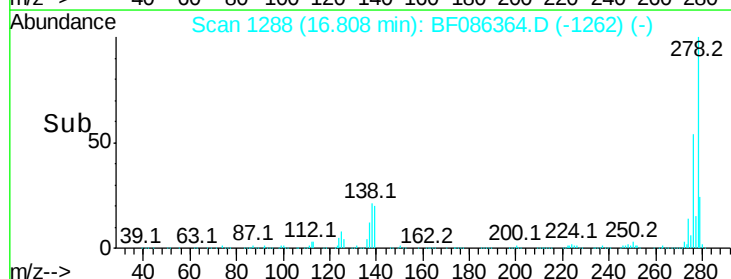
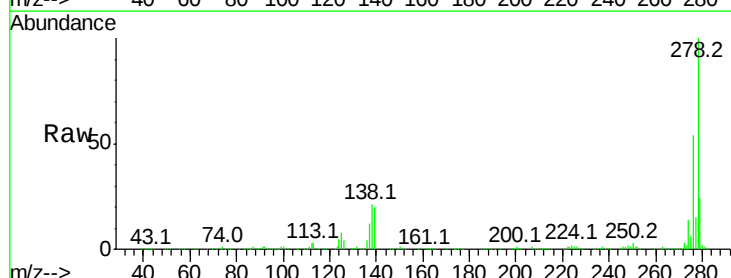
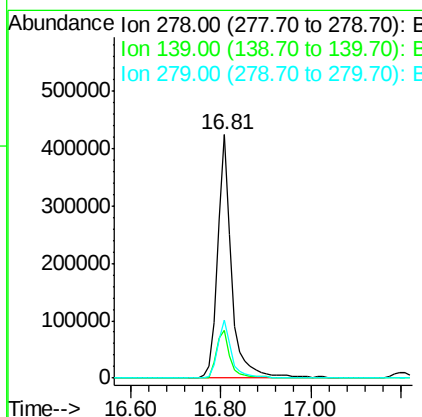
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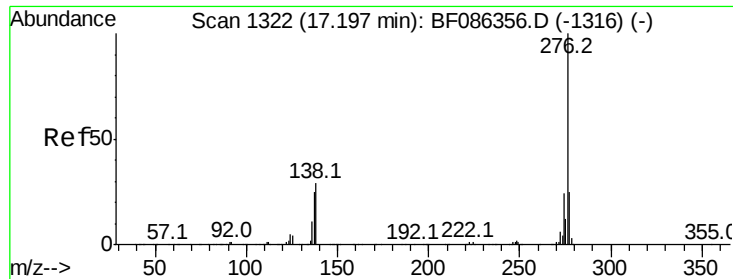
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#90
Dibenzo(a,h)anthracene
Concen: 39.23 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:278 Resp: 913530
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.7 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.20 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	19.6	29.4
138	29.1	23.6	35.4

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