

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
 Data File : BF086071.D
 Acq On : 5 Apr 2016 8:20
 Operator : UM/SJ
 Sample : PB89469BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Manual Integrations
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Sohil
 4/5/2016 6:39:18 PM

Quant Time: Apr 05 11:39:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104093	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	392216	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166768	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	257443	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	190801	20.00	ng	-0.01
86) Perylene-d12	15.32	264	157487	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	691935	113.62	ng	0.00
7) Phenol-d6	6.42	99	920337	118.98	ng	0.00
23) Nitrobenzene-d5	7.33	82	515766	77.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	150738	96.30	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	933423	93.06	ng	-0.01
78) Terphenyl-d14	12.87	244	646100	79.60	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	94525	32.74	ng	98
3) Pyridine	3.06	79	235061	36.37	ng	99
4) n-Nitrosodimethylamine	3.00	42	112386	39.54	ng	100
6) Aniline	6.43	93	199525	19.66	ng	# 16
8) 2-Chlorophenol	6.56	128	258247	35.56	ng	92
9) Benzaldehyde	6.30	77	101294	24.34	ng	89
10) Phenol	6.43	94	317768	36.01	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	248437	35.56	ng	95
12) 1,3-Dichlorobenzene	6.70	146	278415	36.17	ng	97
13) 1,4-Dichlorobenzene	6.78	146	279853	35.29	ng	93
14) 1,2-Dichlorobenzene	6.93	146	272670	37.36	ng	99
15) Benzyl Alcohol	6.91	79	184072	36.78	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	303109	35.51	ng	85
17) 2-Methylphenol	7.04	107	212416	37.10	ng	96
18) Hexachloroethane	7.28	117	76744	26.31	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	182973	38.16	ng	95
20) 3+4-Methylphenols	7.20	107	278008	39.92	ng	# 59
22) Acetophenone	7.17	105	357806	38.81	ng	95
24) Nitrobenzene	7.36	77	274907	37.78	ng	# 87
25) Isophorone	7.60	82	489442	37.28	ng	# 92
26) 2-Nitrophenol	7.66	139	104002	29.87	ng	# 76
27) 2,4-Dimethylphenol	7.72	122	226839	36.28	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	296709	38.52	ng	98
29) 2,4-Dichlorophenol	7.92	162	210021	39.73	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	226390	38.15	ng	95
31) Naphthalene	8.08	128	718217	36.40	ng	98
32) Benzoic acid	7.84	122	91801	20.01	ng	100
33) 4-Chloroaniline	8.13	127	102492	12.86	ng	98
34) Hexachlorobutadiene	8.19	225	119341	37.41	ng	99
35) Caprolactam	8.50	113	65531	39.08	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	214408	36.08	ng	90
37) 2-Methylnaphthalene	8.76	142	470487	36.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	192765	38.46	ng	99
40) Hexachlorocyclopentadiene	8.91	237	10777	13.13	ng	98

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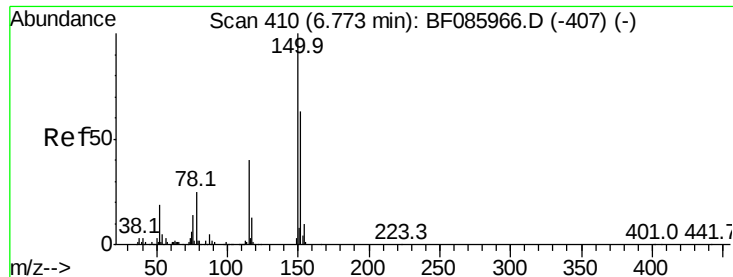
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	128229	39.84	nq	100
43) 2,4,5-Trichlorophenol	9.09	196	133001	40.70	nq #	90
45) 1,1'-Biphenyl	9.23	154	554206	38.54	nq	95
46) 2-Chloronaphthalene	9.25	162	422844	40.57	nq	98
47) 2-Nitroaniline	9.36	65	137589	45.11	nq	90
48) Acenaphthylene	9.66	152	645879	38.68	nq	99
49) Dimethylphthalate	9.53	163	481745	38.97	nq	100
50) 2,6-Dinitrotoluene	9.60	165	97289	37.20	nq #	86
51) Acenaphthene	9.84	154	384399	38.71	nq	99
52) 3-Nitroaniline	9.77	138	114699	36.39	nq	90
53) 2,4-Dinitrophenol	9.89	184	8573	10.51	nq #	80
54) Dibenzofuran	10.01	168	535635	40.84	nq	100
55) 4-Nitrophenol	9.95	139	113084	60.86	nq	92
56) 2,4-Dinitrotoluene	10.01	165	103816	31.42	nq #	66
57) Fluorene	10.35	166	411752	36.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	90018	37.00	nq	97
59) Diethylphthalate	10.22	149	453830	36.38	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	191432	36.68	nq	98
61) 4-Nitroaniline	10.38	138	107294	34.57	nq	88
62) Azobenzene	10.50	77	484060	40.51	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	9769	6.26	nq #	74
65) n-Nitrosodiphenylamine	10.46	169	379922	47.19	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	113077	43.02	nq	98
67) Hexachlorobenzene	10.90	284	111289	40.95	nq #	92
68) Atrazine	10.99	200	105073	40.39	nq	98
69) Pentachlorophenol	11.09	266	88843	69.74	nq	97
70) Phenanthrene	11.31	178	558962	39.80	nq	99
71) Anthracene	11.36	178	533350	36.25	nq	98
72) Carbazole	11.52	167	458022	36.22	nq	99
73) Di-n-butylphthalate	11.85	149	709650	45.29	nq	100
74) Fluoranthene	12.50	202	488558	33.44	nq	88
76) Benzidine	12.63	184	395328	58.73	nq	98
77) Pyrene	12.72	202	485149	36.08	nq	99
79) Butylbenzylphthalate	13.33	149	238942	39.47	nq #	64
80) Benzo(a)anthracene	13.91	228	407000	36.19	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	126434	15.39	nq	100
82) Chrysene	13.95	228	391837	36.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	323803	40.30	nq	100
84) Di-n-octyl phthalate	14.51	149	592733	46.19	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	317274	36.10	nq	99
87) Benzo(b)fluoranthene	14.92	252	454329m	45.86	nq	
88) Benzo(k)fluoranthene	14.96	252	272999m	31.12	nq	
89) Benzo(a)pyrene	15.27	252	337815	38.49	nq	98
90) Dibenzo(a,h)anthracene	16.68	278	277405	39.28	nq	98
91) Benzo(g,h,i)perylene	17.08	276	249344	36.48	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

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BNA_F

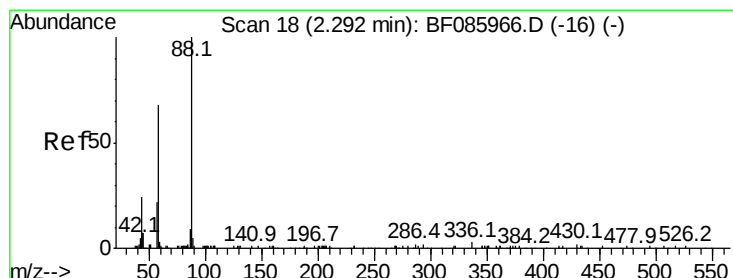
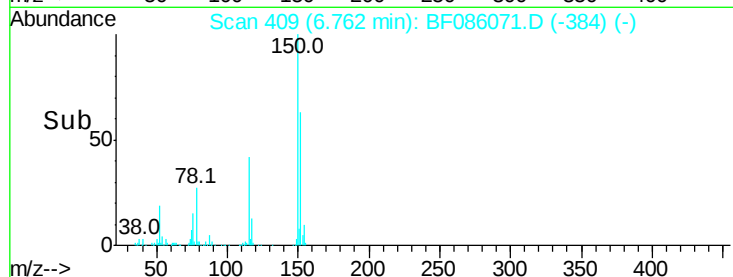
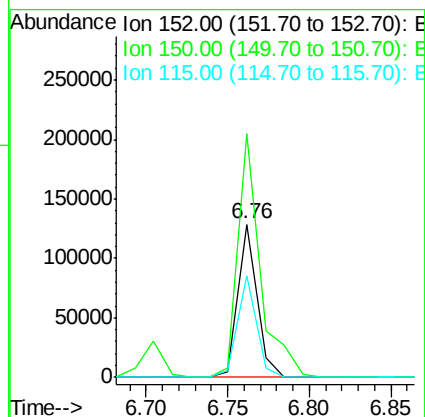
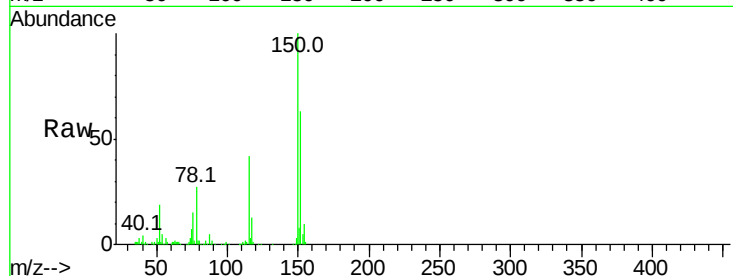
ClientSampled :

PB89469BS

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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.2	186.2
115	66.1	47.0	70.6



#2

1,4-Dioxane

Concen: 32.74 ng

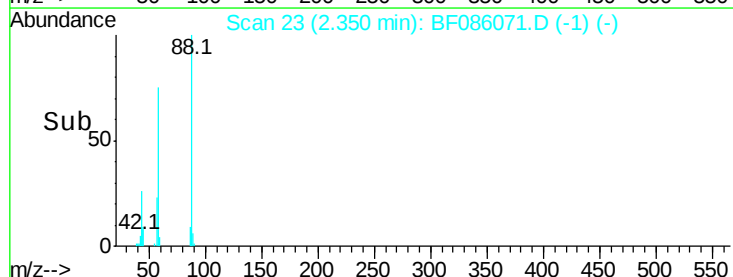
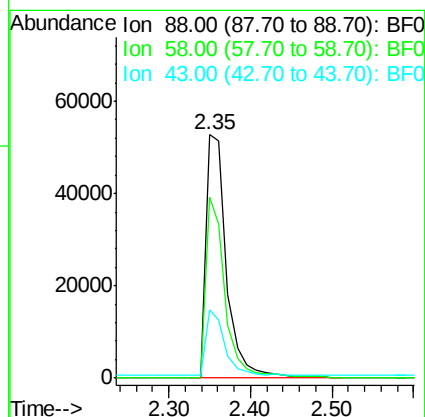
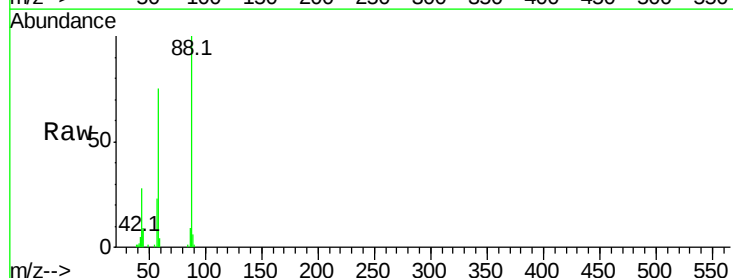
RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	54.2	81.2
43	24.9	19.3	28.9





#3

Pvridine

Concen: 36.37 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

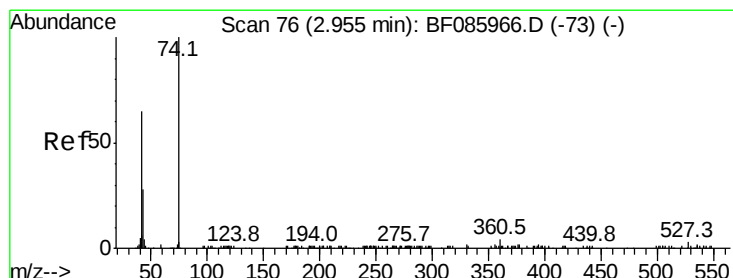
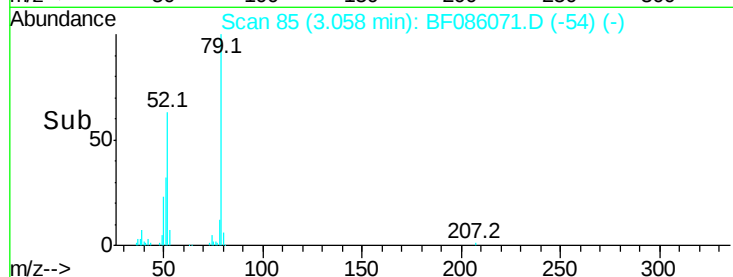
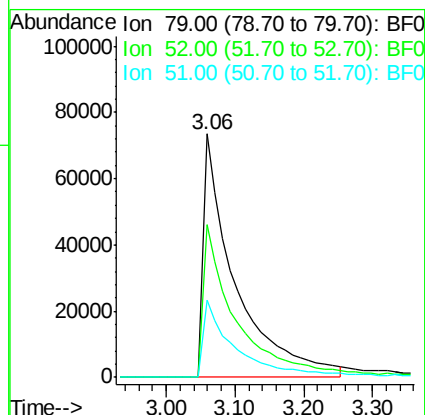
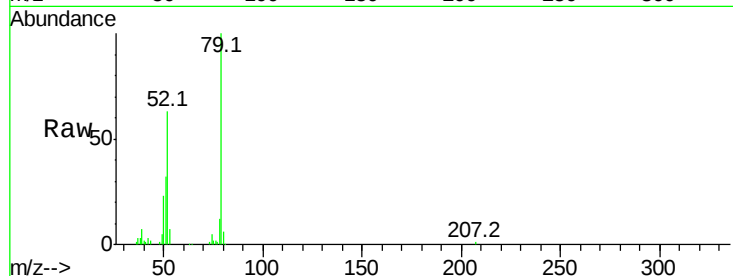
ClientSampleId :

PB89469BS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	62.5	49.8	74.6
51	31.9	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 39.54 ng

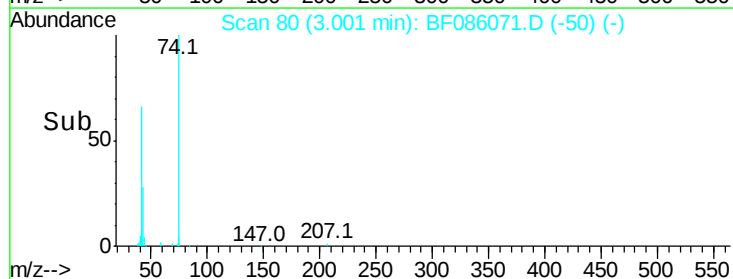
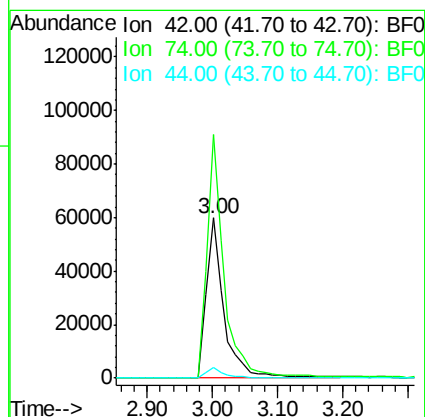
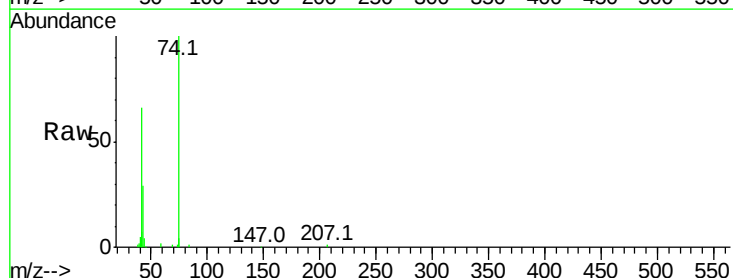
RT: 3.00 min Scan# 80

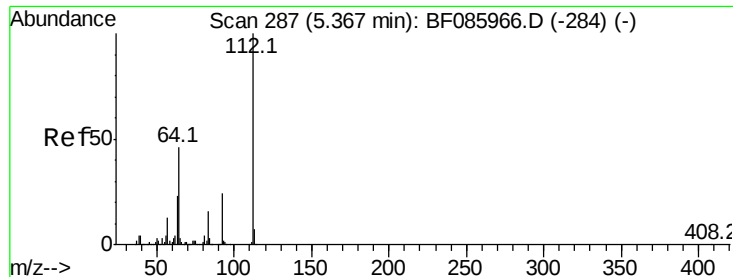
Delta R.T. 0.05 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.1	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 113.62 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

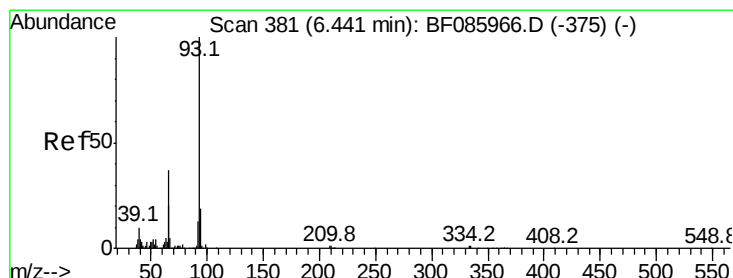
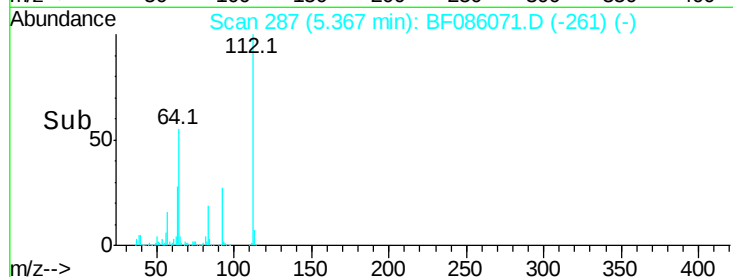
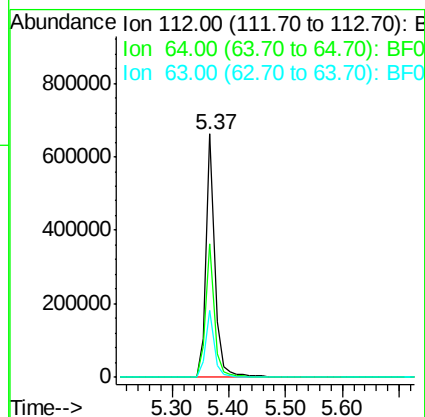
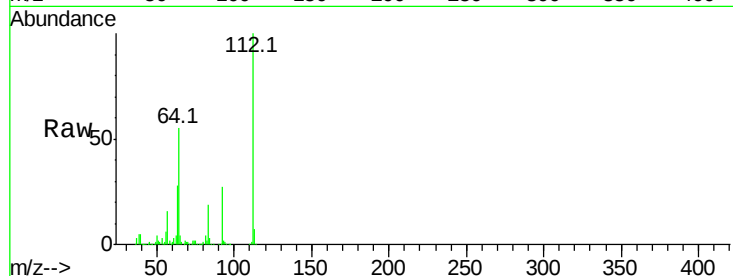
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	691935		
64	54.8	39.9	59.9	
63	27.7	20.2	30.2	



#6

Aniline

Concen: 19.66 ng

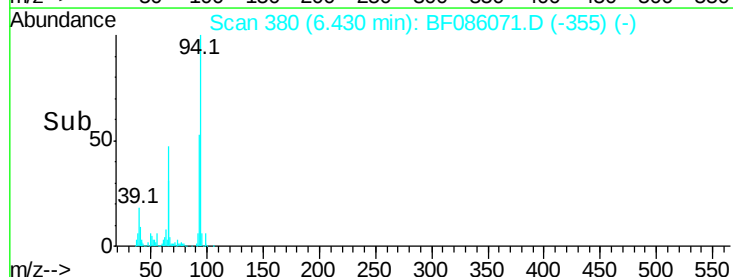
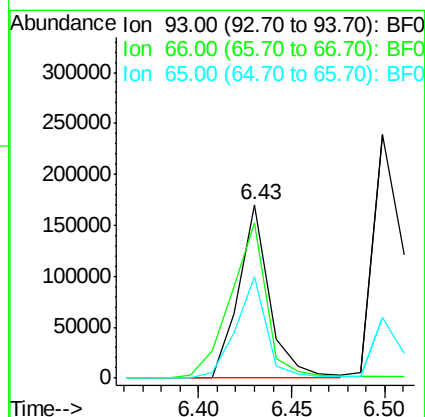
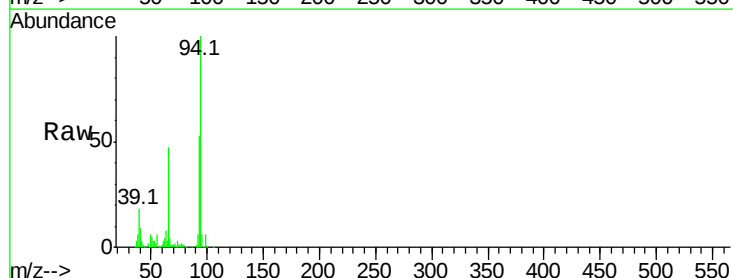
RT: 6.43 min Scan# 380

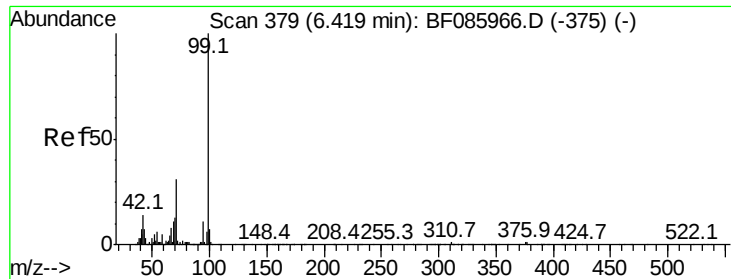
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199525		
66	89.7	31.4	47.2#	
65	58.8	15.7	23.5#	





#7

Phenol-d6

Concen: 118.98 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

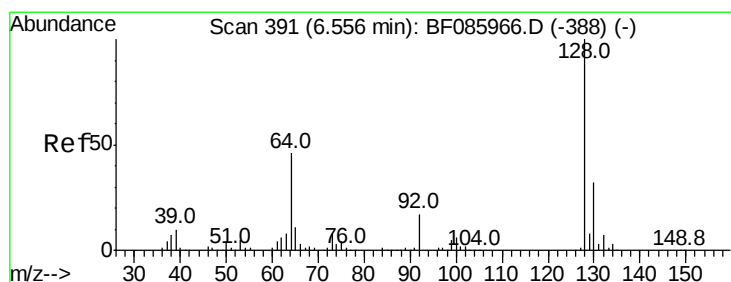
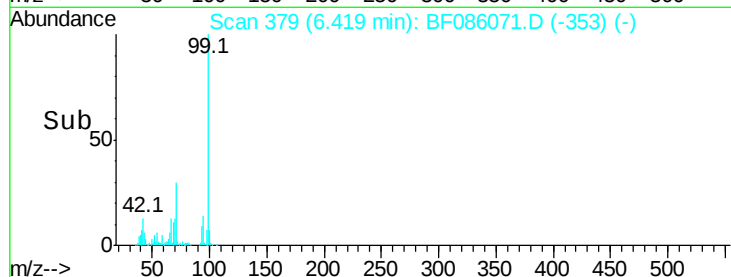
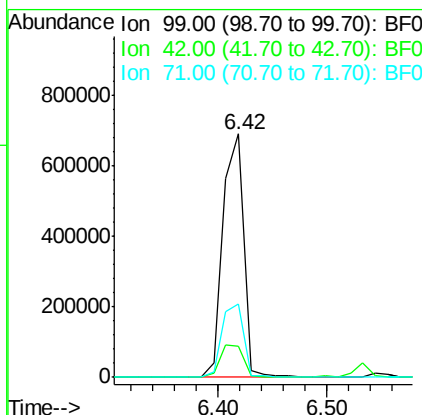
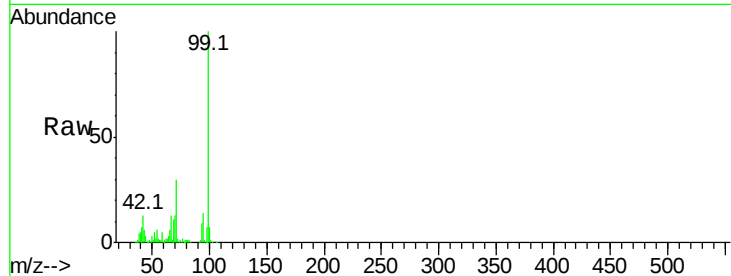
ClientSampleId :

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Tot Ion:	99	Resp:	920337
Ion Ratio	Lower	Upper	
99	100		
42	12.9	11.1	16.7
71	30.3	24.9	37.3

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#8

2-Chlorophenol

Concen: 35.56 ng

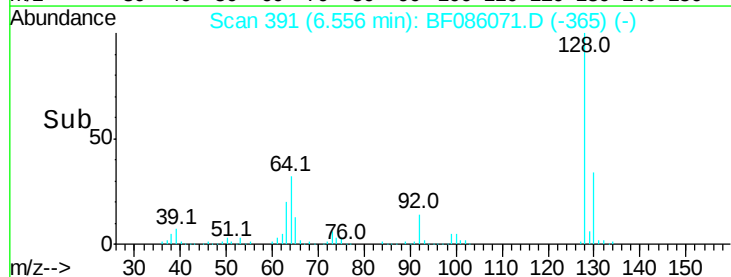
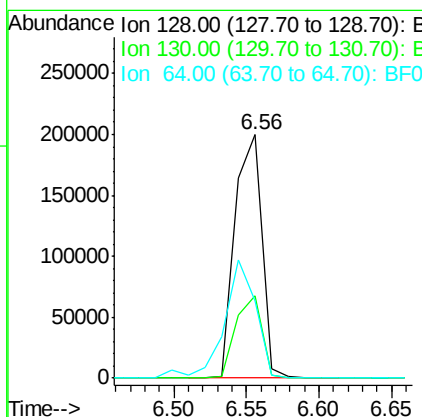
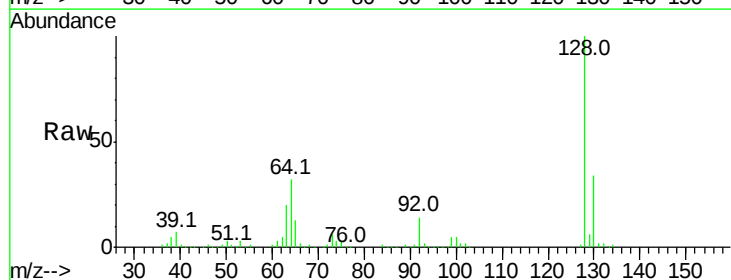
RT: 6.56 min Scan# 391

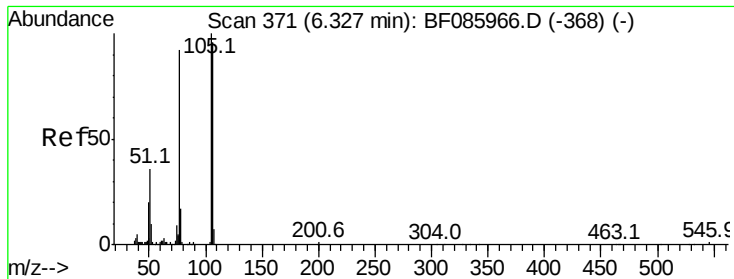
Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	128	Resp:	258247
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.9	52.9
64	31.7	20.2	60.2





#9

Benzaldehyde

Concen: 24.34 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

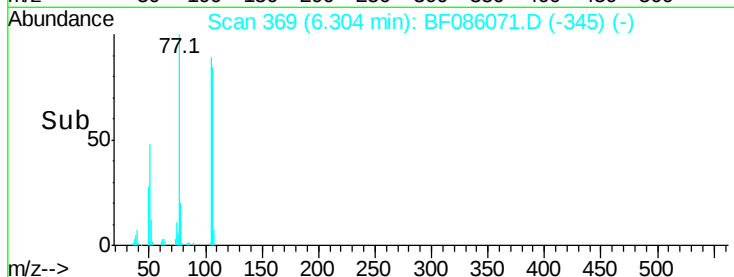
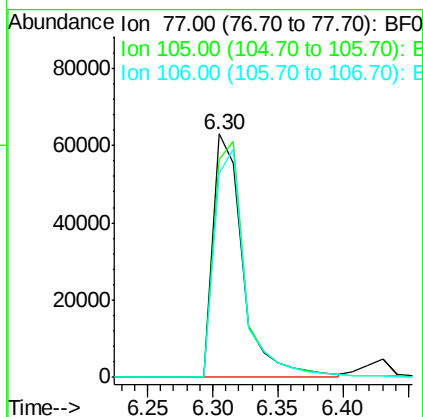
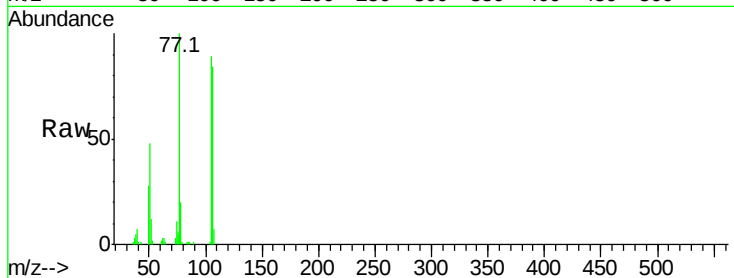
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	89.4	80.1	120.1
106	83.9	75.0	115.0



#10

Phenol

Concen: 36.01 ng

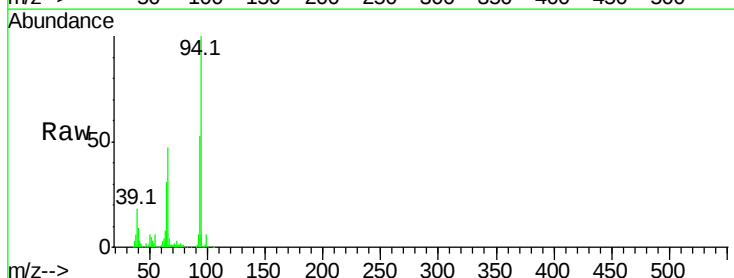
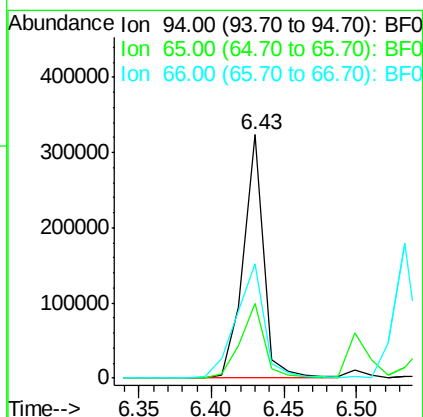
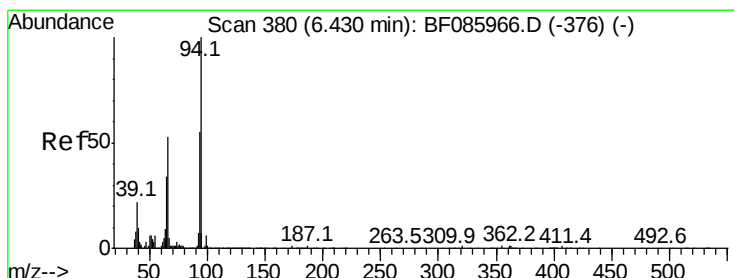
RT: 6.43 min Scan# 380

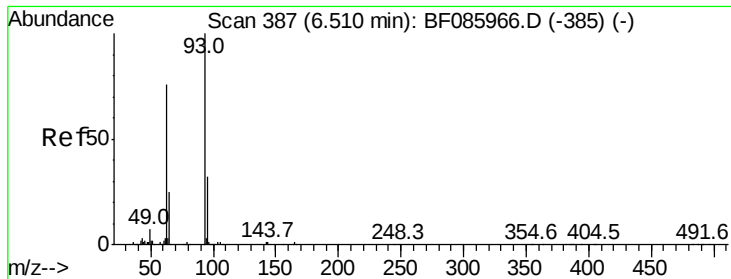
Delta R.T. 0.00 min

Lab File: BF086071.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	8.6	48.6
66	47.2	20.0	60.0





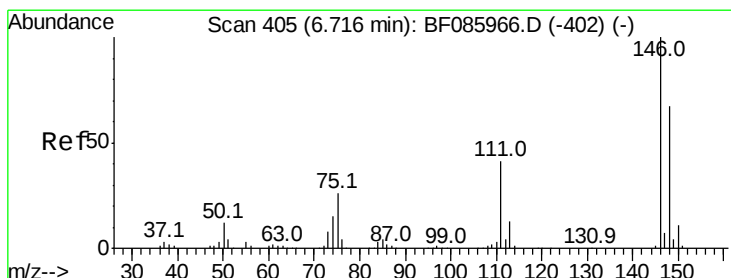
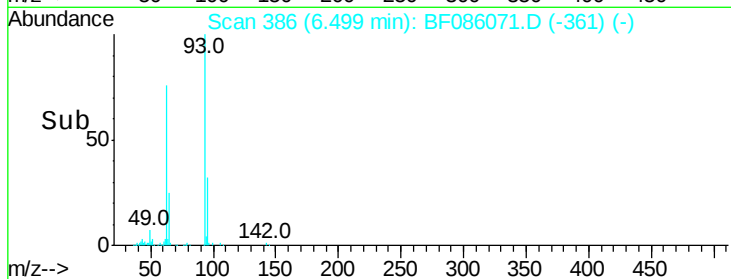
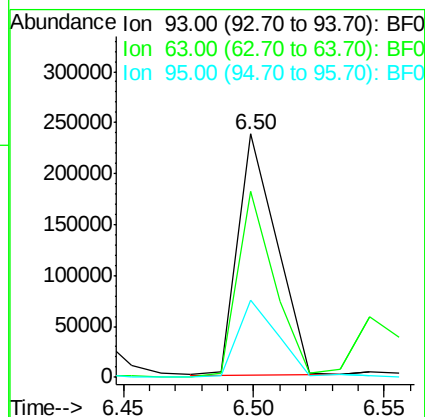
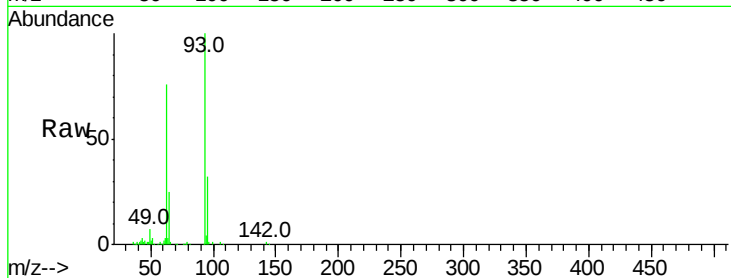
#11
bis(2-Chloroethyl)ether
Concen: 35.56 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	93	Resp	248437
Ion Ratio	100	Lower	Upper
93	100		
63	76.2	50.9	90.9
95	31.9	13.3	53.3

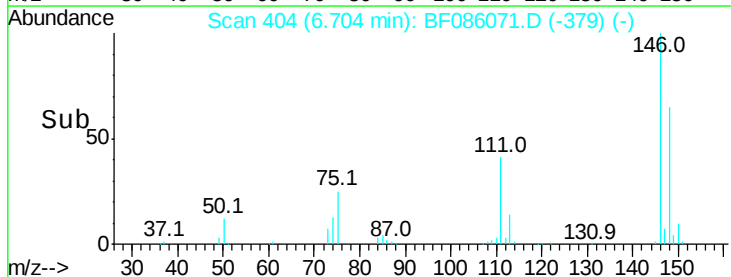
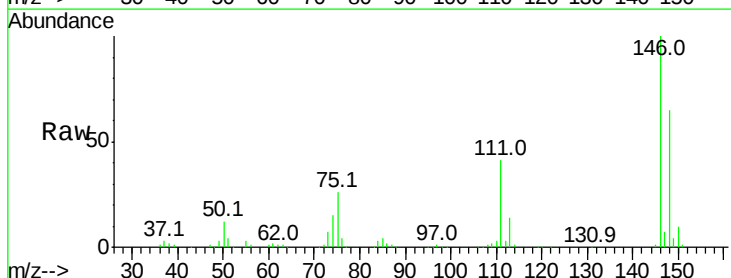
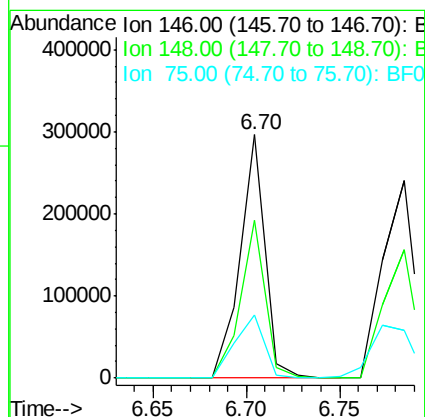
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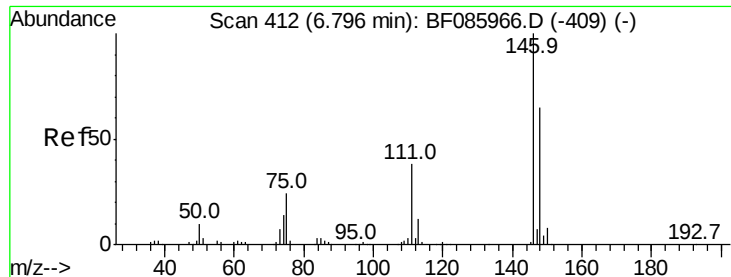
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#12
1,3-Dichlorobenzene
Concen: 36.17 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	146	Resp	278415
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	52.3	78.5
75	26.0	17.4	26.2





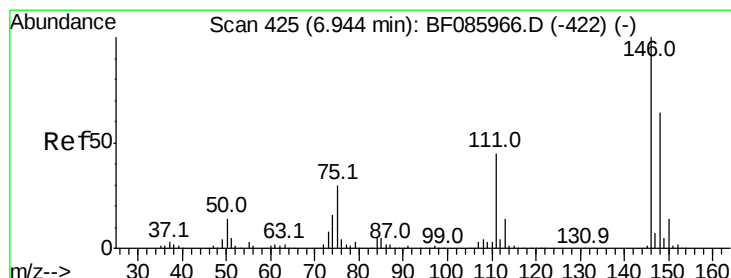
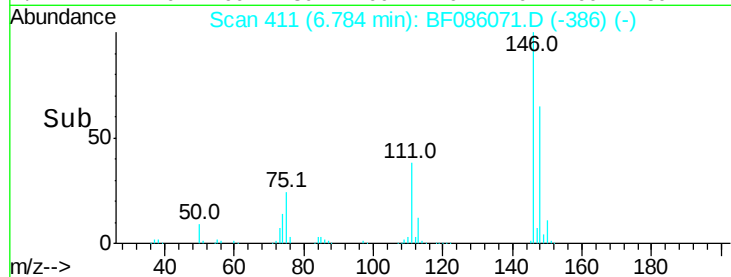
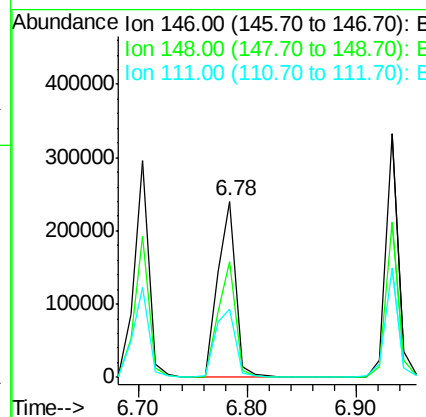
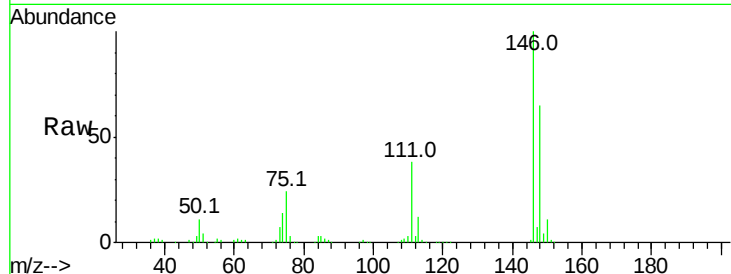
#13
 1,4-Dichlorobenzene
 Concen: 35.29 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279853		
148	65.2	50.6	76.0	
111	38.5	37.8	56.6	

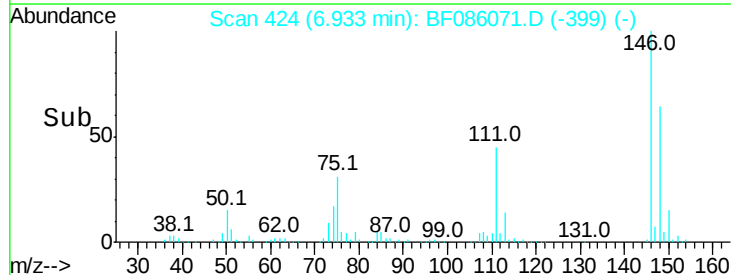
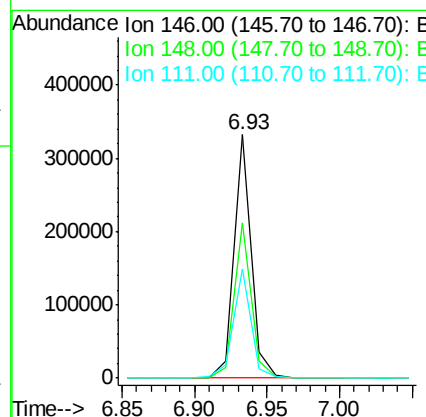
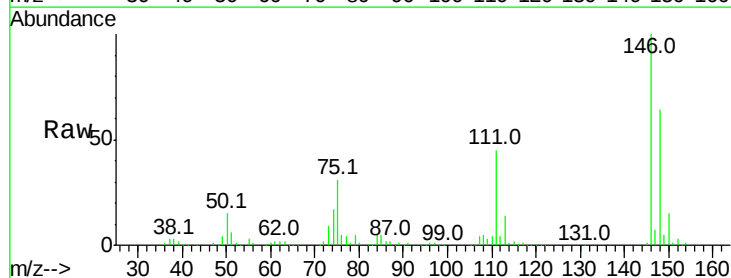
Manual Integrations
 APPROVED

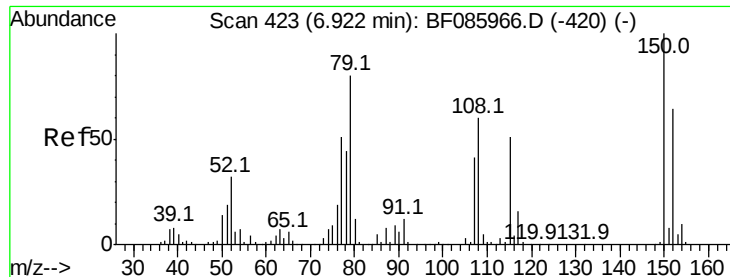
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 37.36 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272670		
148	63.8	51.4	77.2	
111	45.0	34.6	52.0	





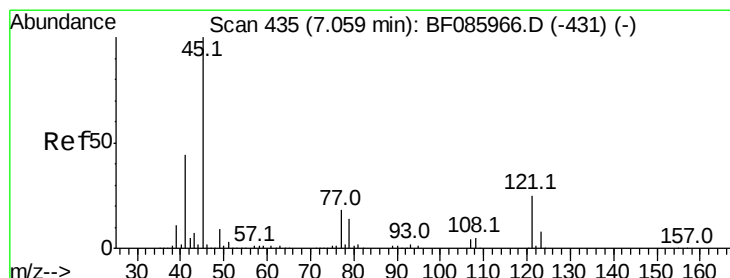
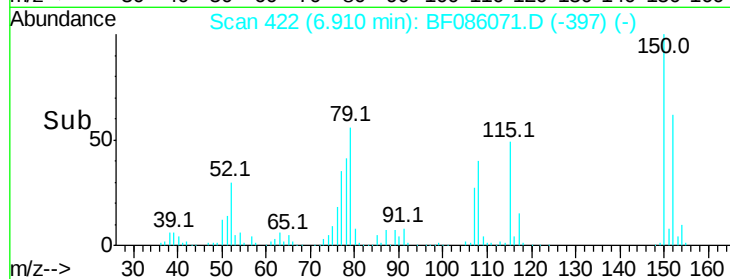
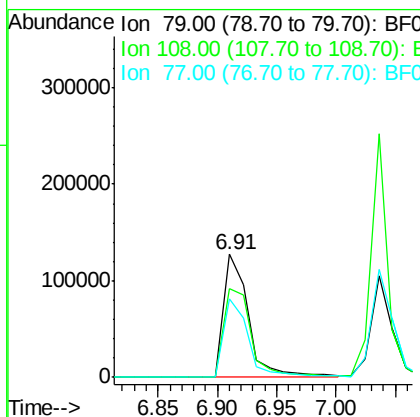
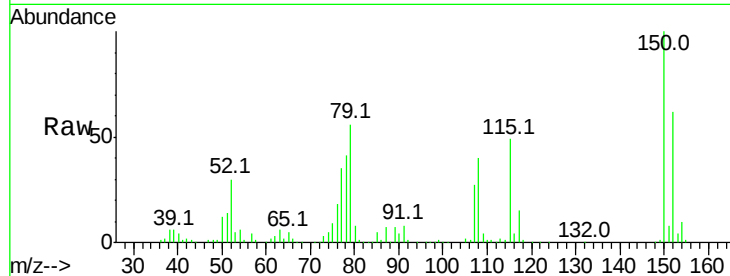
#15
Benzyl Alcohol
Concen: 36.78 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.7	61.8	92.6	
77	63.8	49.6	74.4	

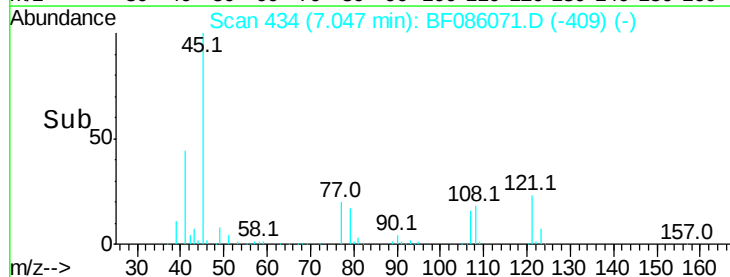
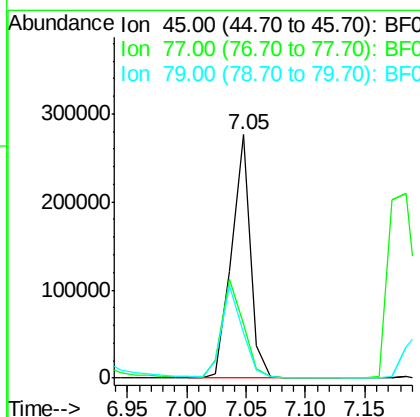
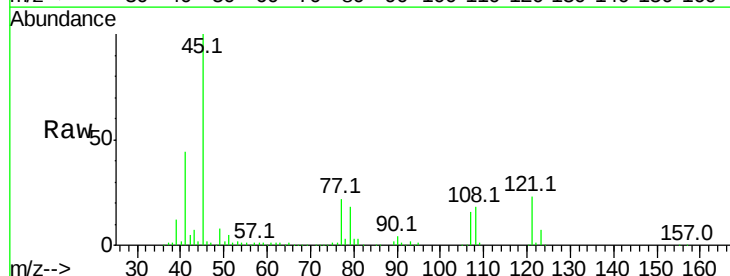
Manual Integrations
APPROVED

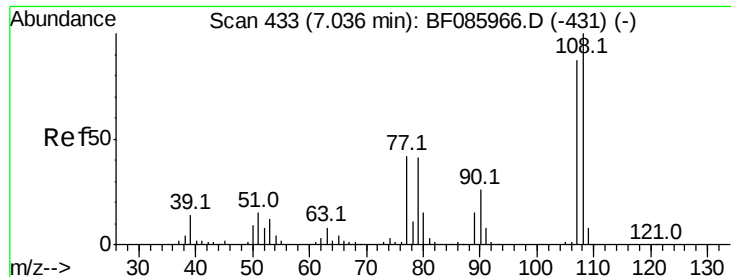
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.51 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	22.0	0.0	35.7	
79	18.4	0.0	32.2	





#17

2-Methylphenol

Concen: 37.10 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

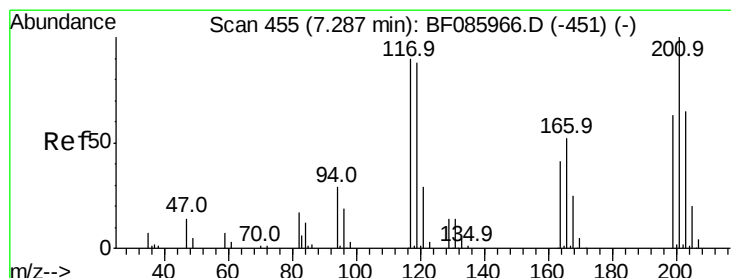
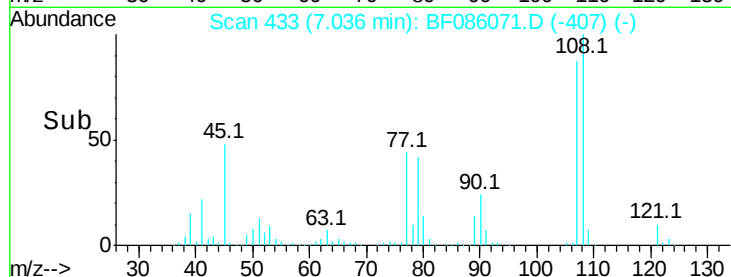
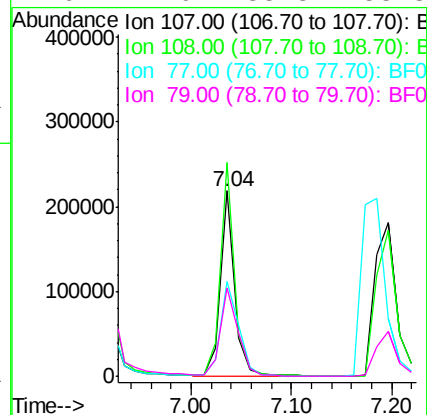
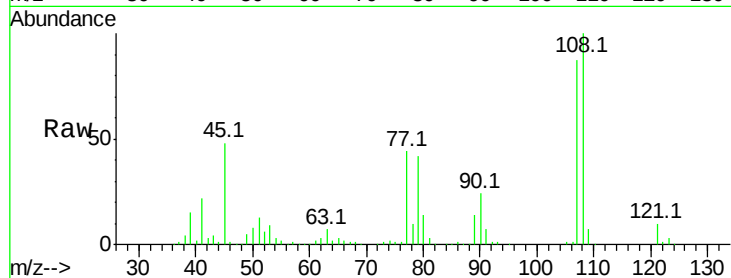
ClientSampleId :

PB89469BS

Tot Ion:	107	Resp:	212416
Ion Ratio	Lower	Upper	
107	100		
108	115.2	91.4	137.0
77	51.1	36.2	54.2
79	47.9	35.8	53.8

Manual Integrations
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#18

Hexachloroethane

Concen: 26.31 ng

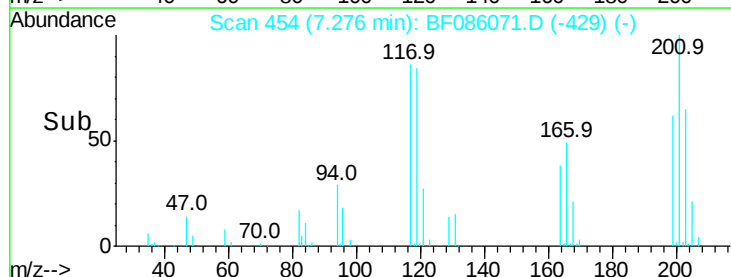
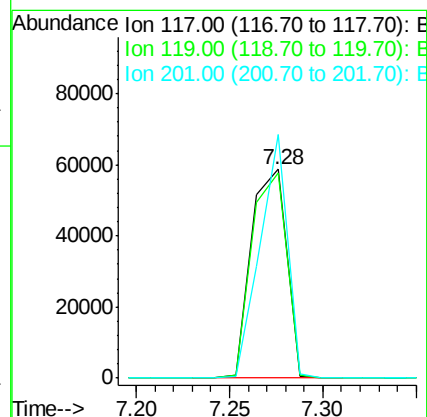
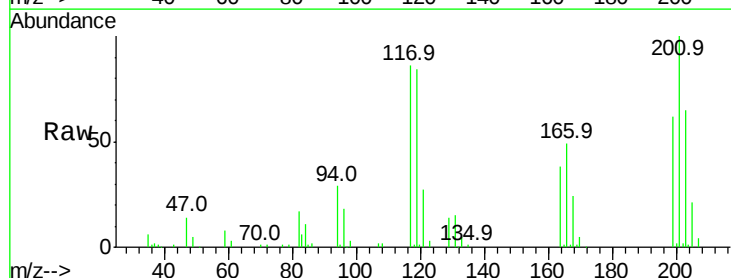
RT: 7.28 min Scan# 454

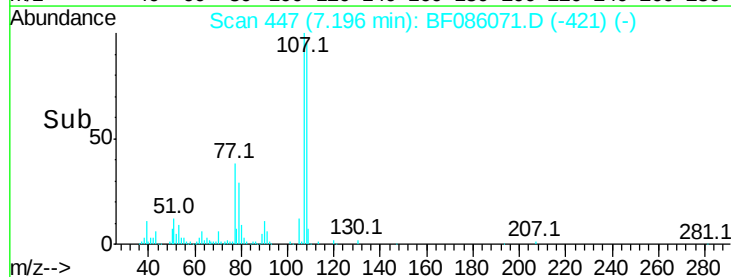
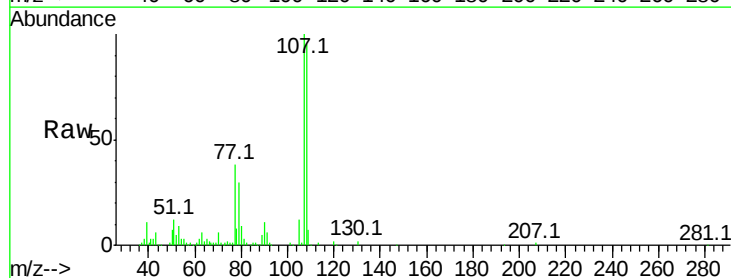
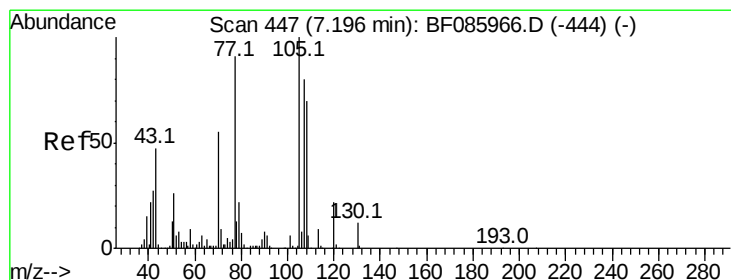
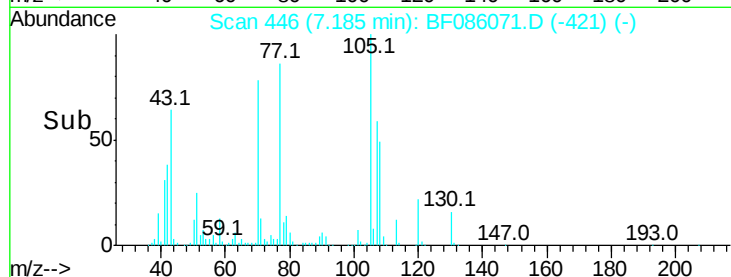
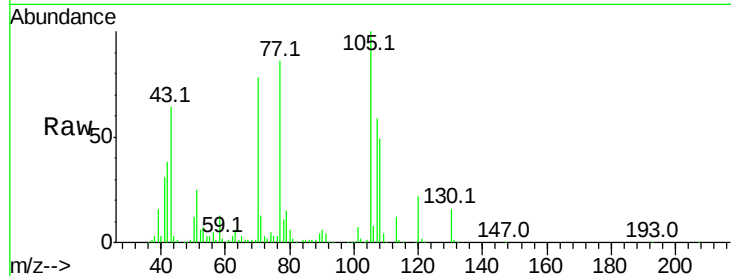
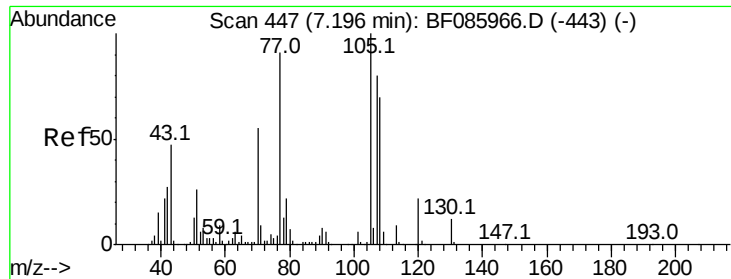
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	117	Resp:	76744
Ion Ratio	Lower	Upper	
117	100		
119	98.3	76.7	115.1
201	116.5	83.3	124.9





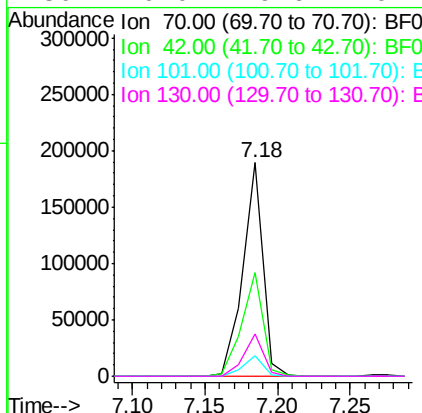
#19
n-Nitroso-di-n-propylamine
Concen: 38.16 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.7	37.1	55.7
101	9.3	8.6	12.8
130	20.0	19.6	29.4

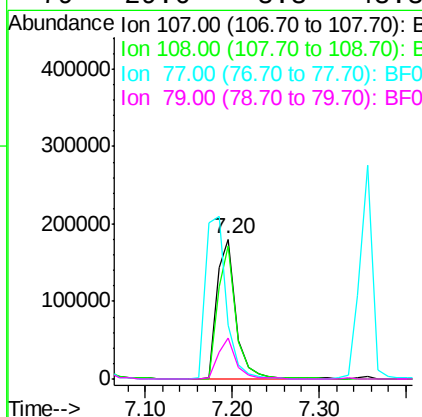
Manual Integrations
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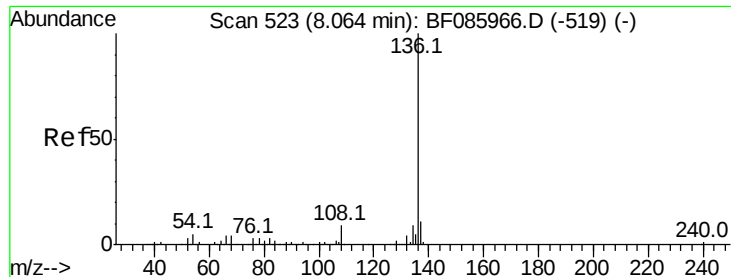
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#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	69.3	109.3
77	38.1	101.7	141.7#
79	29.6	8.3	48.3





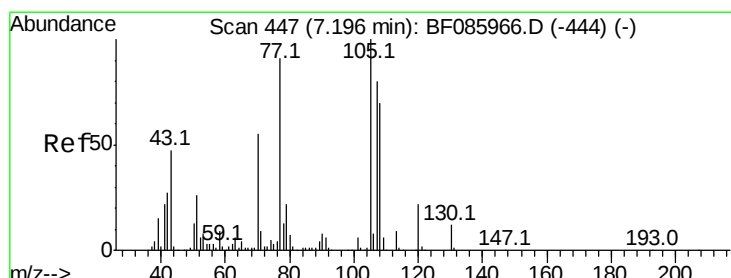
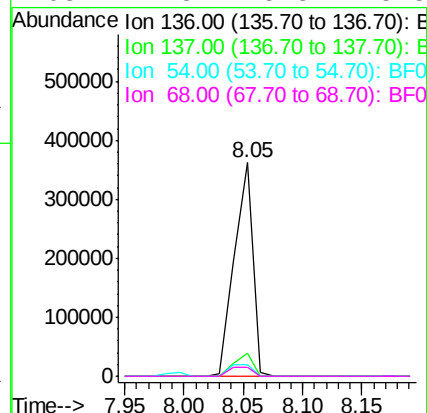
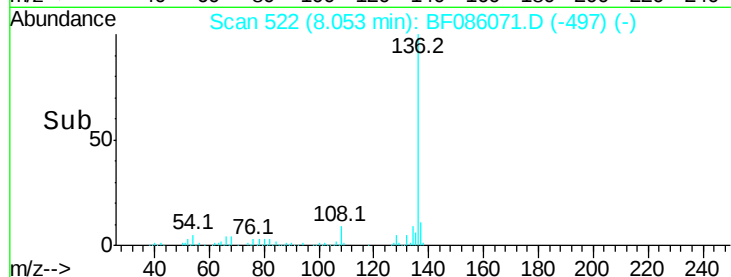
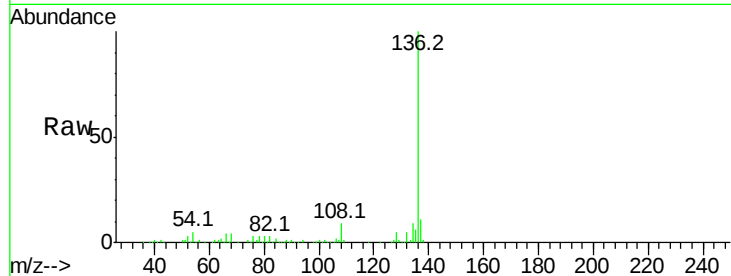
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	5.1	7.4	11.0	
68	4.3	5.8	8.8	

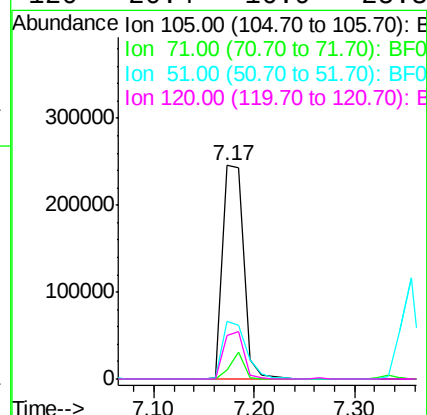
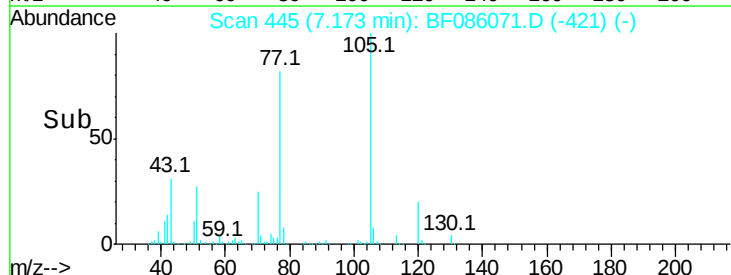
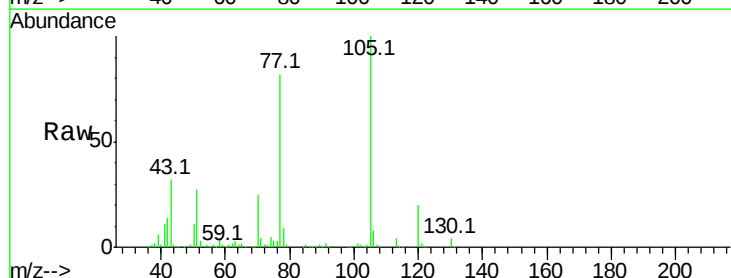
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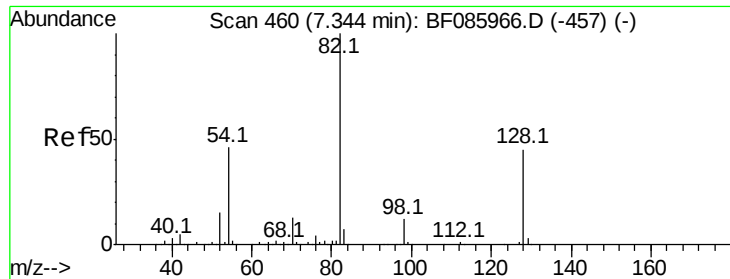
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#22
Acetophenone
Concen: 38.81 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	3.6	5.4	
51	26.8	25.4	38.0	
120	20.4	16.9	25.3	





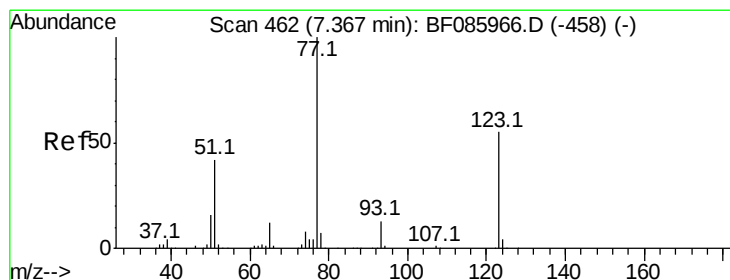
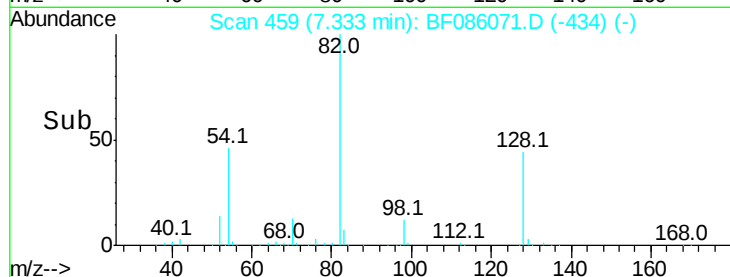
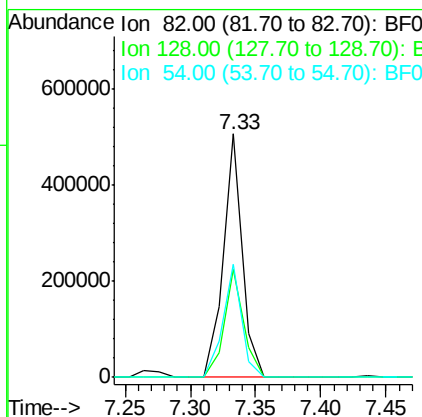
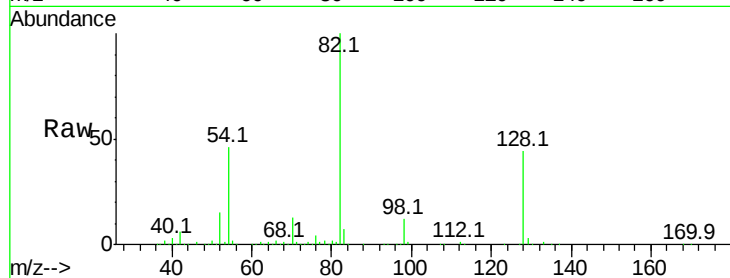
#23
Nitrobenzene-d5
Concen: 77.55 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	41.8	62.8	
54	46.4	33.4	50.0	

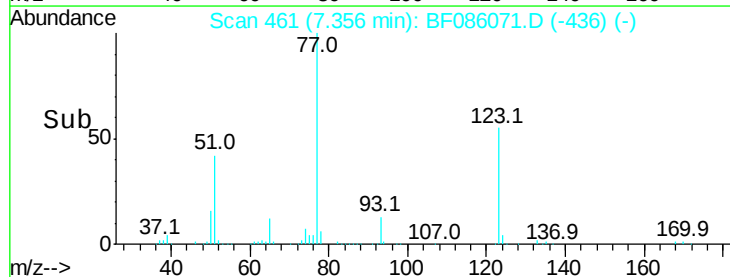
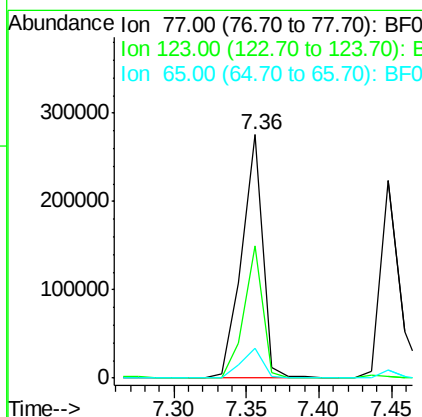
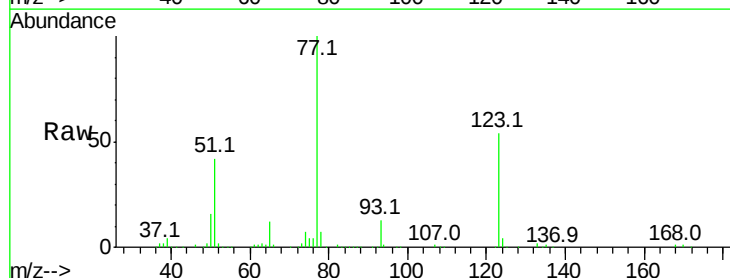
Manual Integrations
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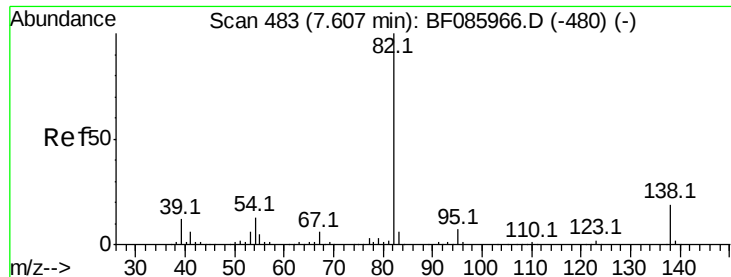
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#24
Nitrobenzene
Concen: 37.78 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.4	35.0	52.4#	
65	12.4	10.6	16.0	





#25

Isophorone

Concen: 37.28 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

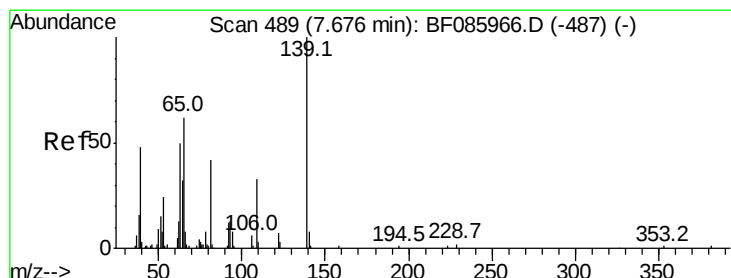
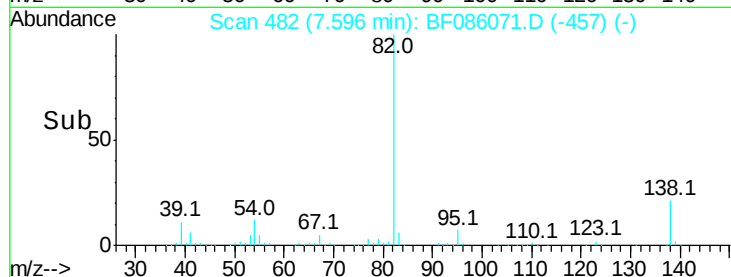
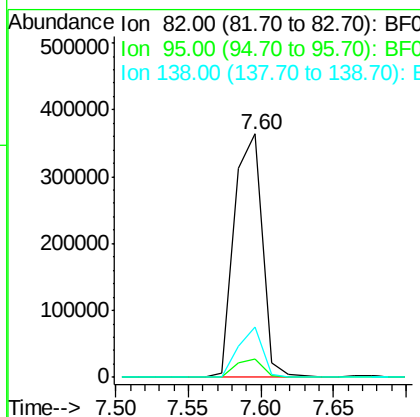
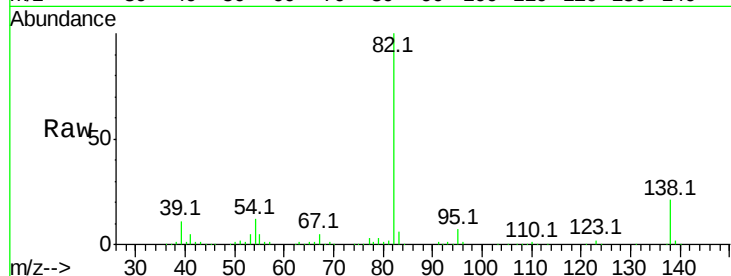
ClientSampleId :

PB89469BS

Tot Ion:	82	Resp:	489442
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	20.6	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.87 ng

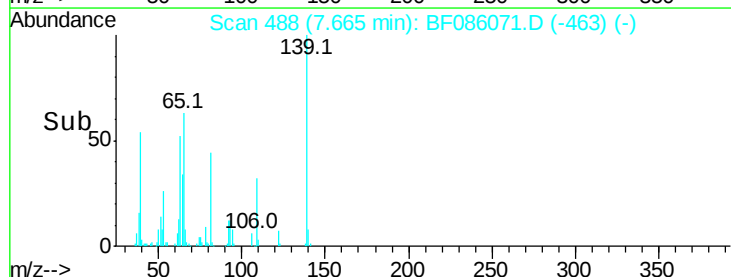
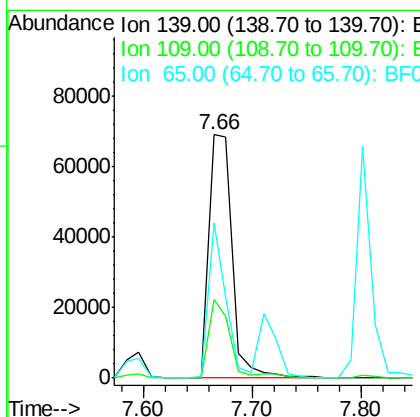
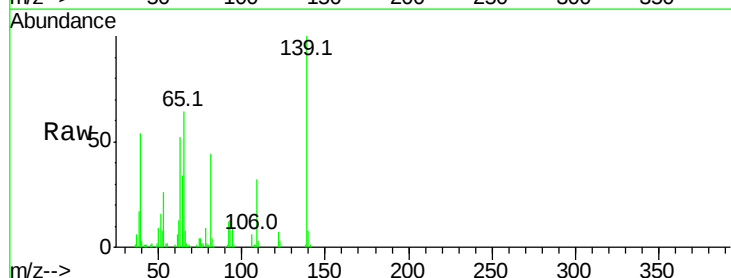
RT: 7.66 min Scan# 488

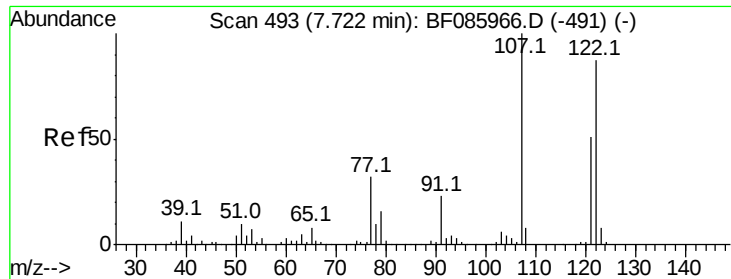
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	139	Resp:	104002
Ion Ratio	Lower	Upper	
139	100		
109	32.4	22.1	33.1
65	63.9	33.9	50.9#





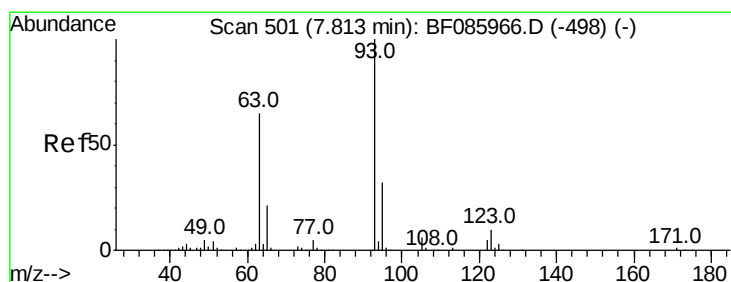
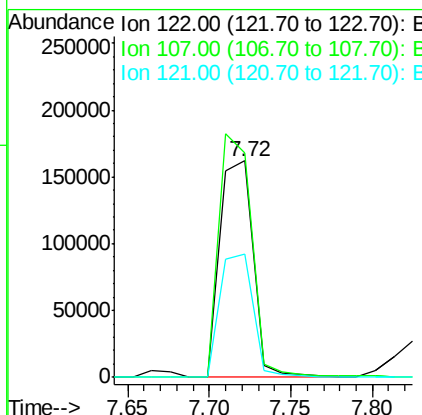
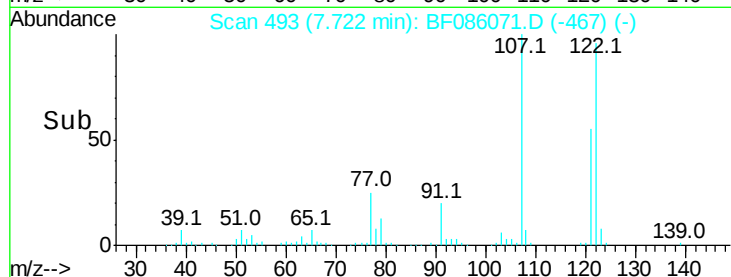
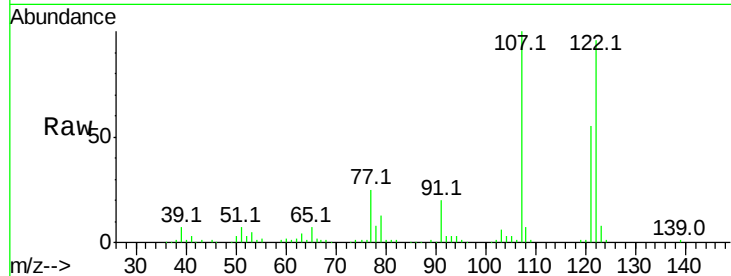
#27
 2,4-Dimethylphenol
 Concen: 36.28 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226839		
107	103.8	93.0	139.6	
121	57.2	45.9	68.9	

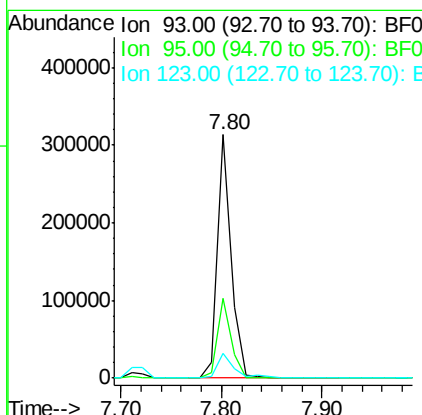
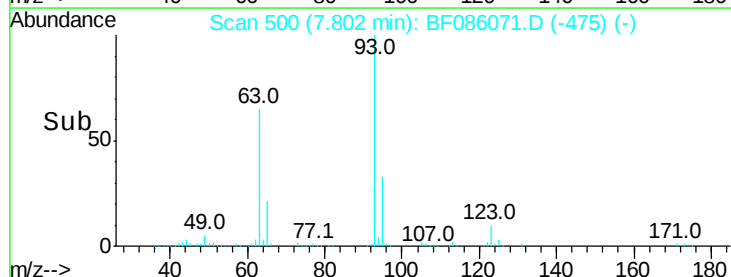
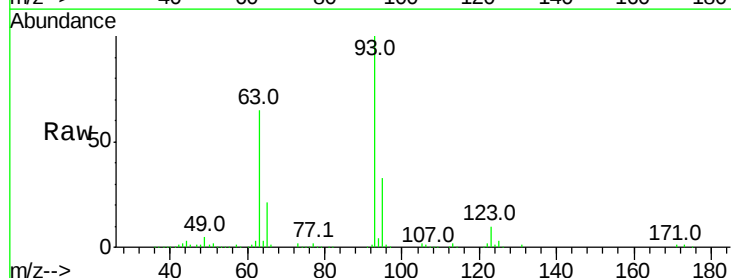
Manual Integrations
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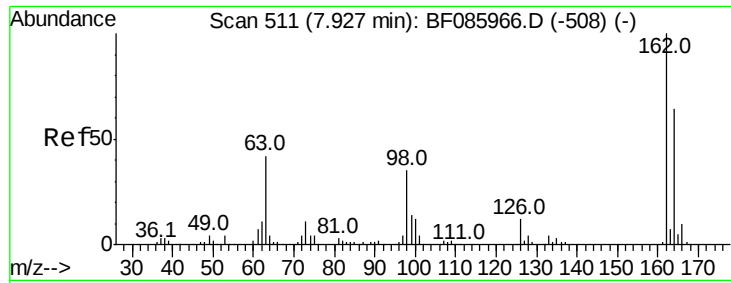
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.52 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296709		
95	32.6	26.4	39.6	
123	10.3	9.8	14.6	





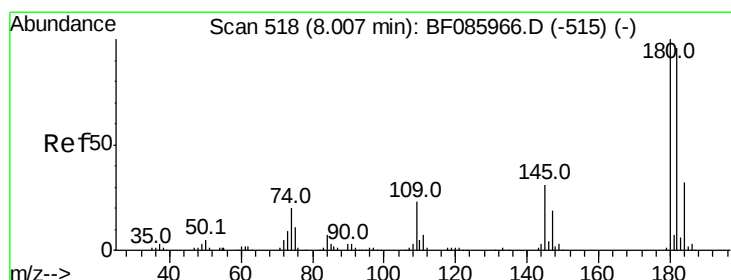
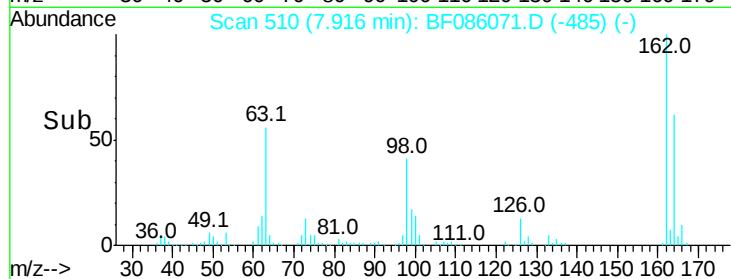
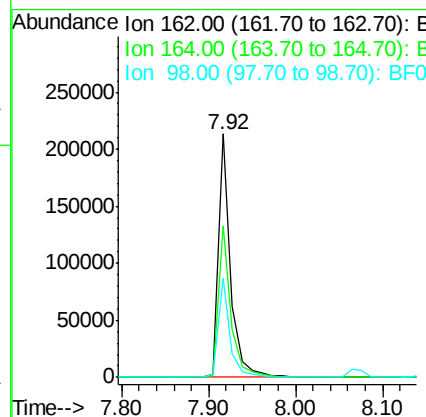
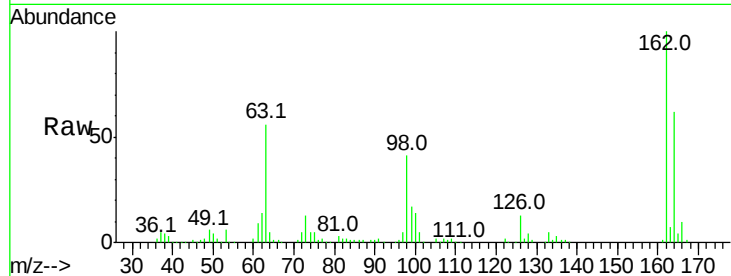
#29
 2,4-Dichlorophenol
 Concen: 39.73 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampled :
 PB89469BS

Tot Ion:	162	Resp:	210021
Ion Ratio	Lower	Upper	
162	100		
164	62.2	43.7	83.7
98	40.8	20.4	60.4

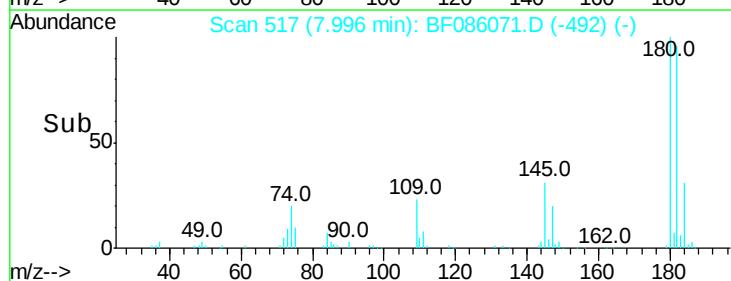
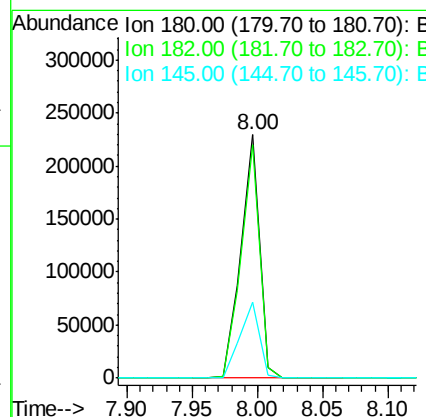
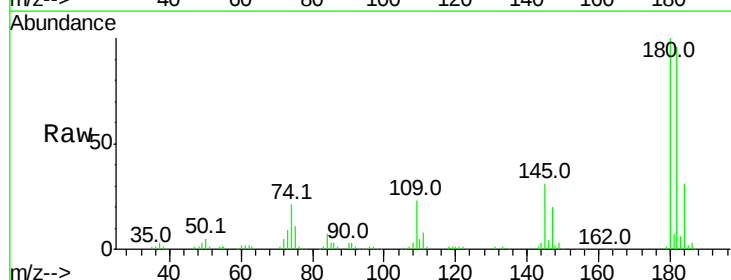
Manual Integrations
 APPROVED

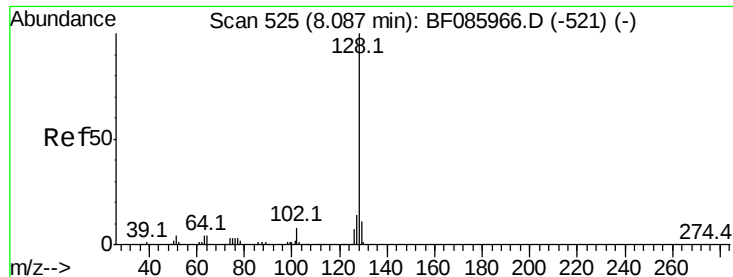
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion:	180	Resp:	226390
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.8	110.8
145	31.2	28.4	42.6





#31

Naphthalene

Concen: 36.40 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

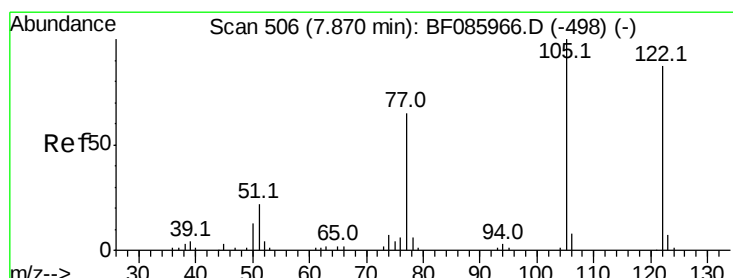
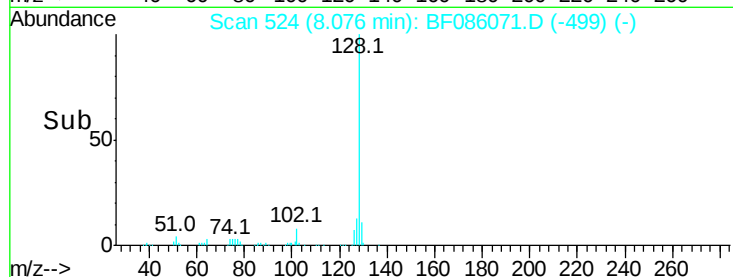
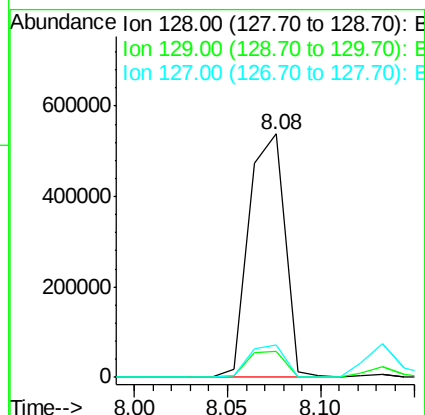
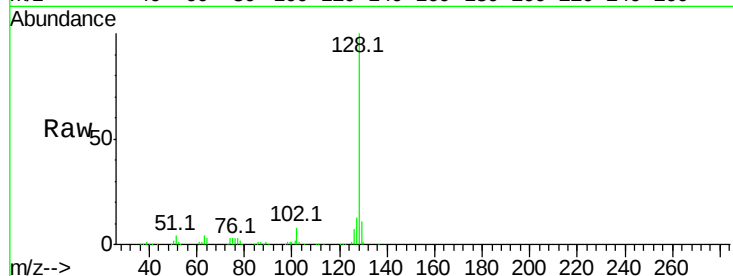
ClientSampleId :

PB89469BS

Tot Ion:	128	Resp:	718217
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.4	14.0
127	13.2	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 20.01 ng

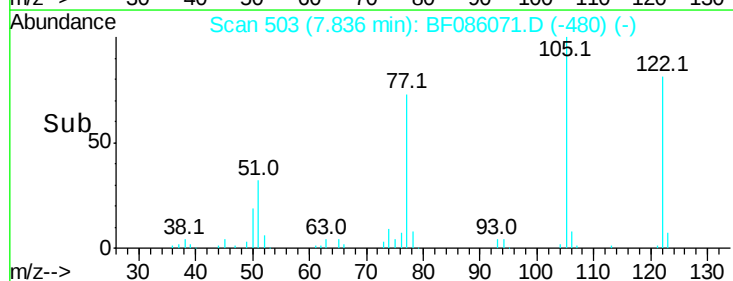
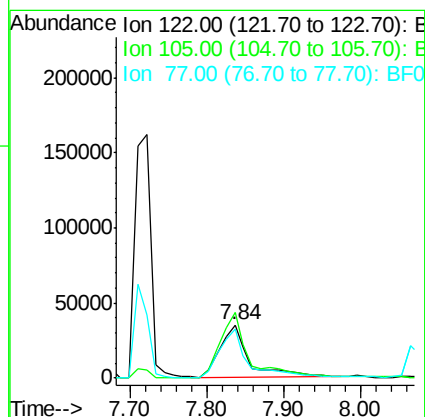
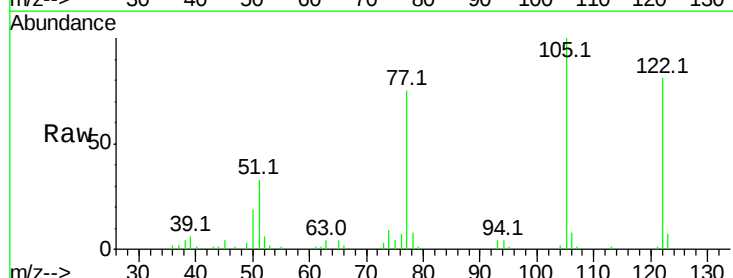
RT: 7.84 min Scan# 503

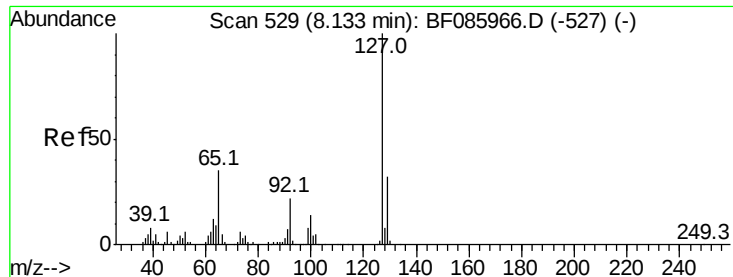
Delta R.T. -0.03 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	122	Resp:	91801
Ion Ratio	Lower	Upper	
122	100		
105	123.4	102.9	142.9
77	92.1	71.8	111.8





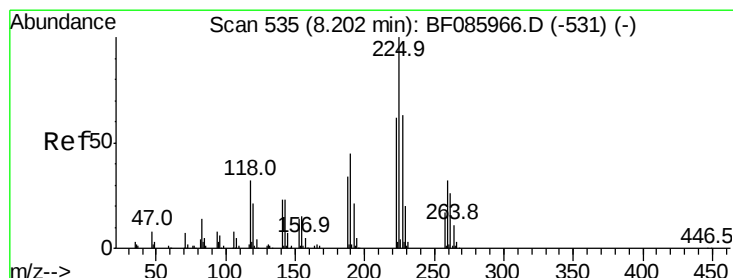
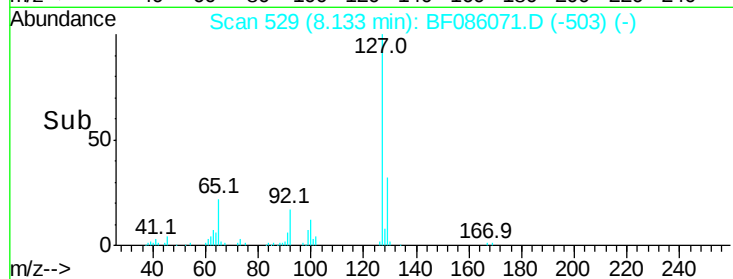
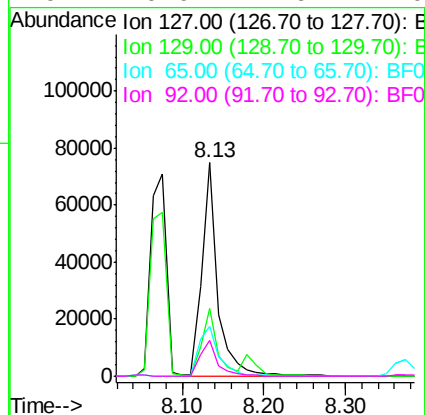
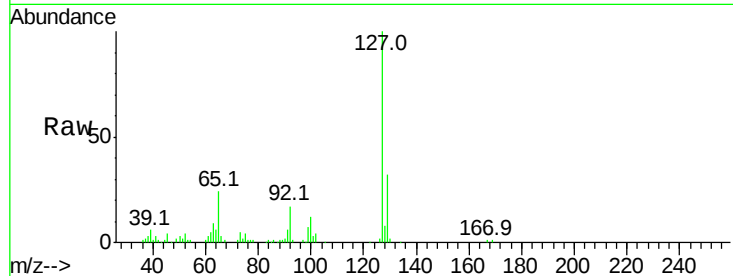
#33
4-Chloroaniline
Concen: 12.86 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.1	39.1	
65	23.7	19.5	29.3	
92	16.9	14.6	22.0	

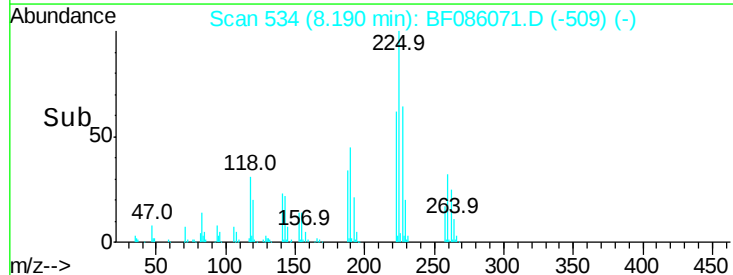
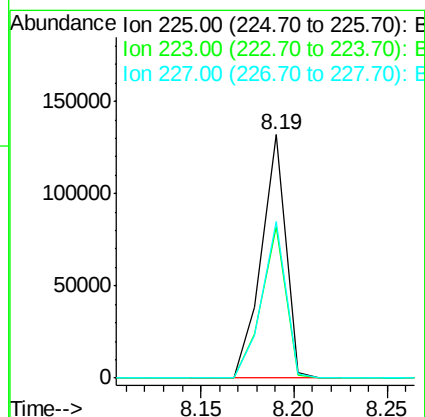
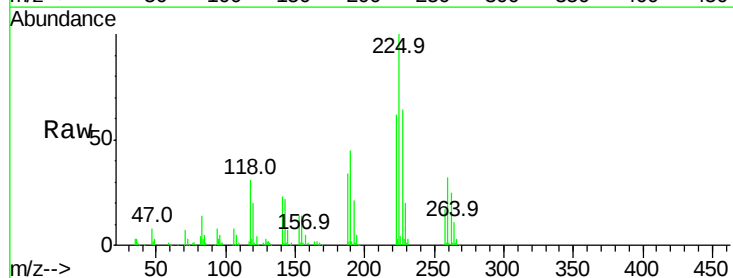
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#34
Hexachlorobutadiene
Concen: 37.41 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.4	75.6	
227	64.1	51.4	77.2	





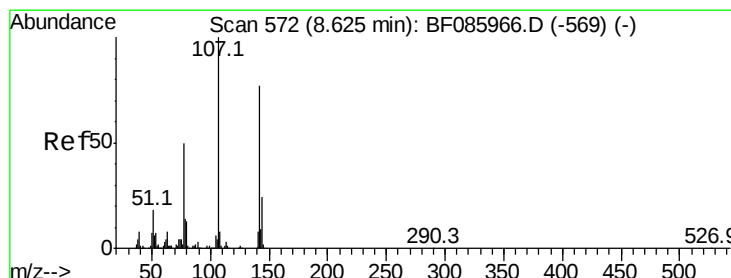
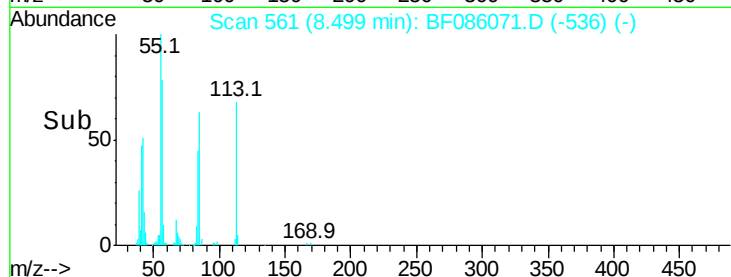
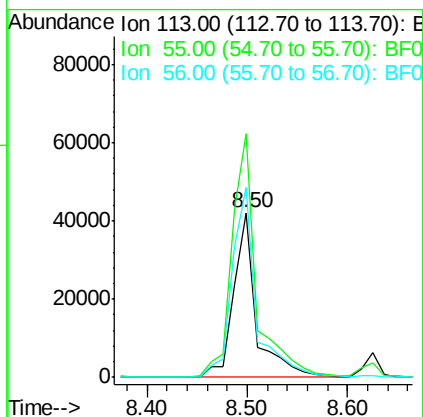
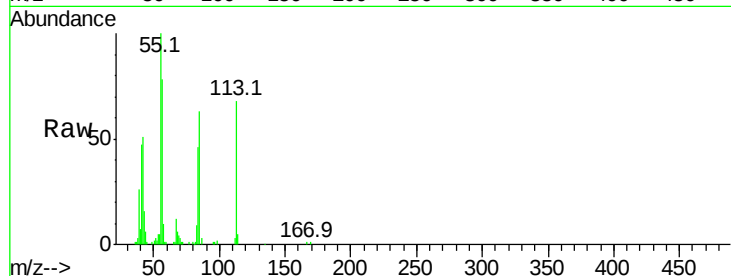
#35
Caprolactam
Concen: 39.08 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.9	139.4	179.4
56	115.6	100.4	140.4

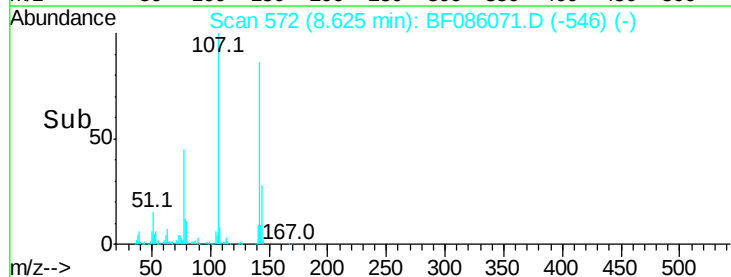
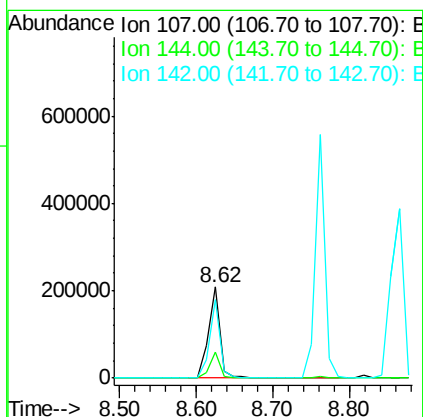
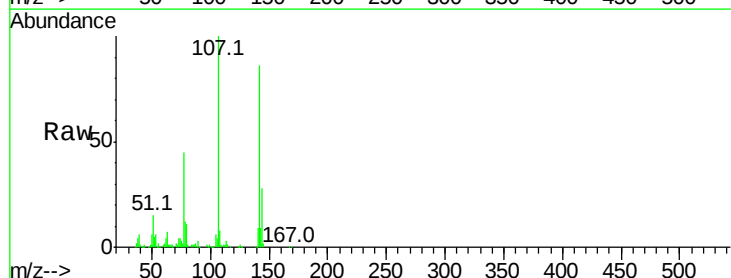
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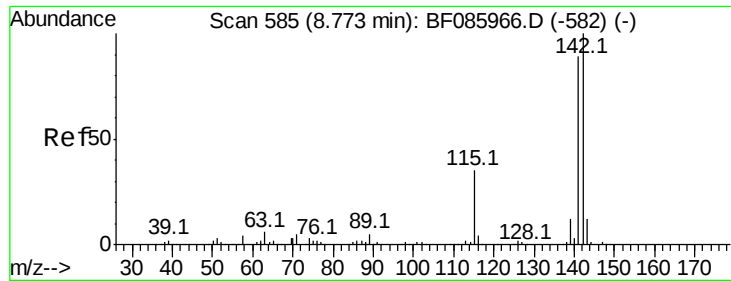
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#36
4-Chloro-3-methylphenol
Concen: 36.08 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	19.3	28.9
142	86.2	61.4	92.0





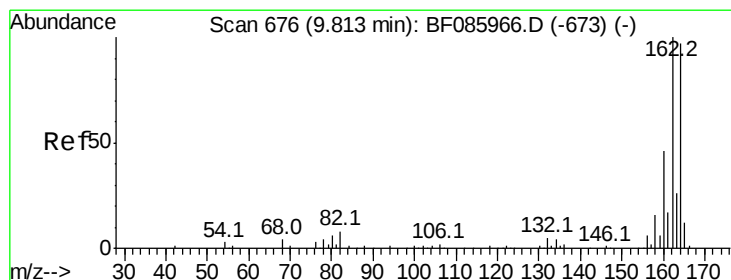
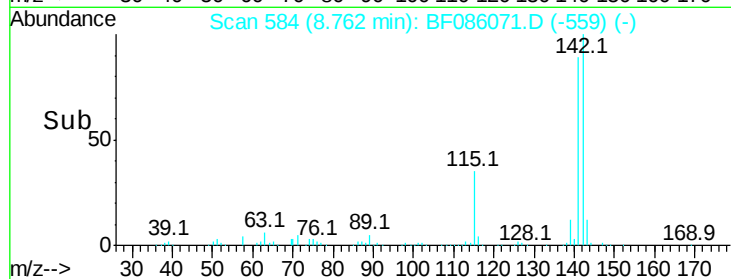
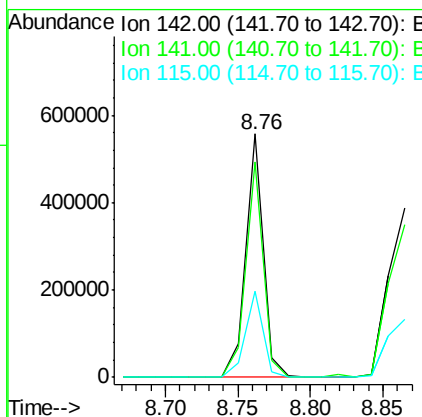
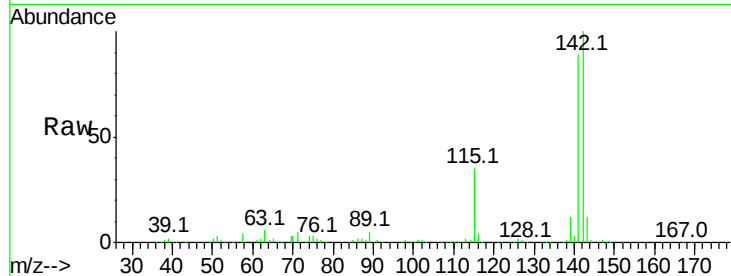
#37
 2-Methylnaphthalene
 Concen: 36.51 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	470487		
141	88.6	71.6	107.4	
115	35.5	26.8	40.2	

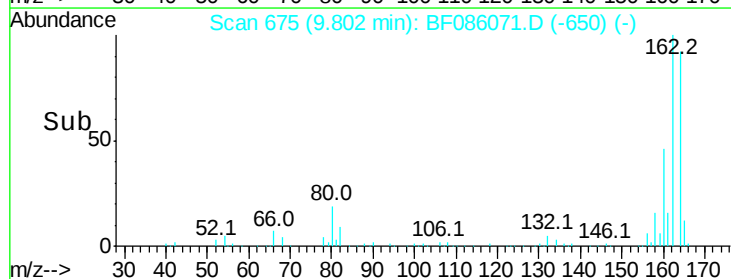
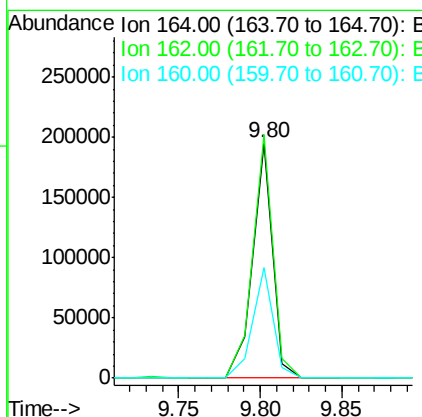
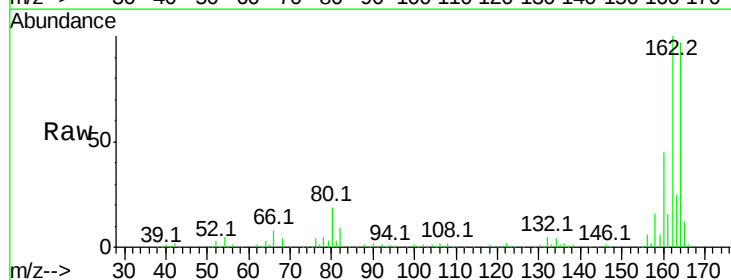
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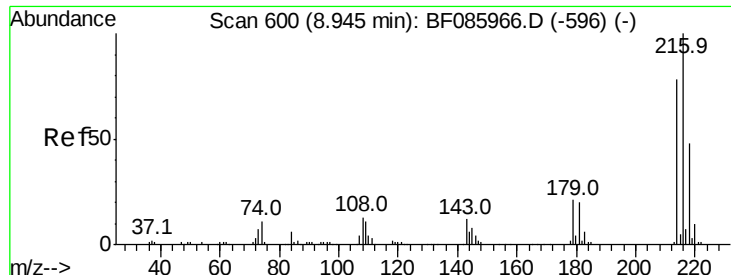
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166768		
162	103.5	82.1	123.1	
160	47.0	37.4	56.2	





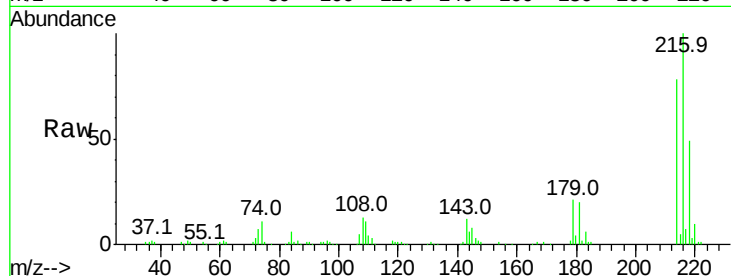
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.46 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

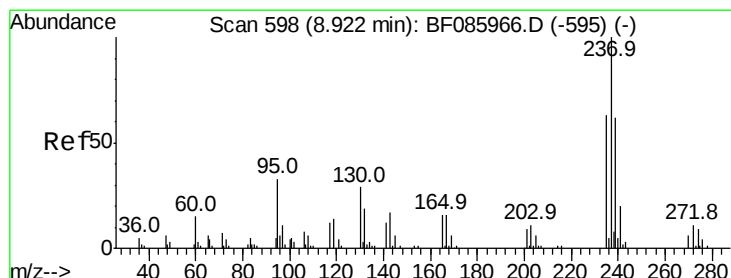
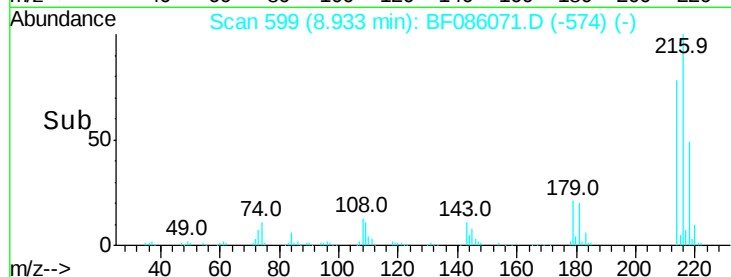
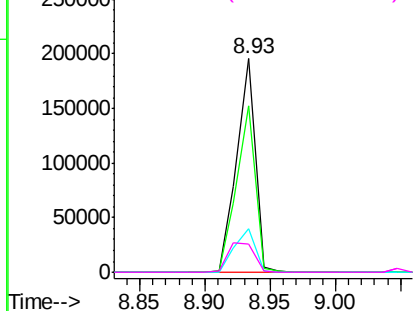
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.1	94.7
179	22.7	18.2	27.2
108	19.5	17.3	25.9

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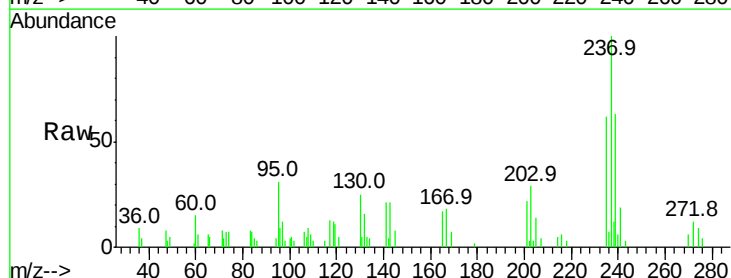


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

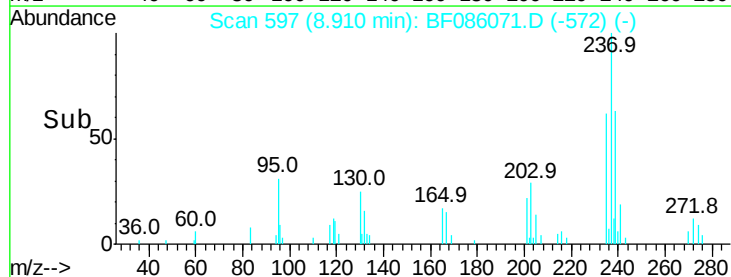
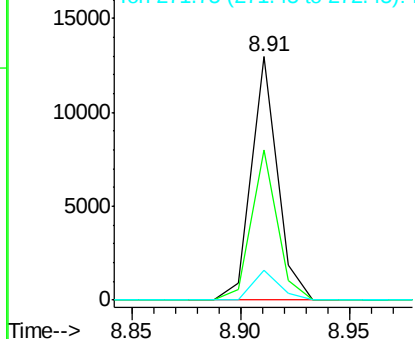


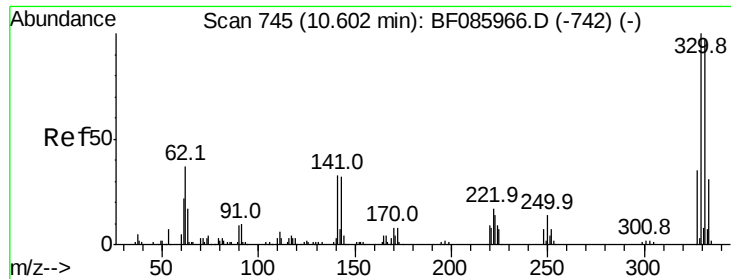
#40
 Hexachlorocyclopentadiene
 Concen: 13.13 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	43.7	83.7
272	12.5	0.0	31.9



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





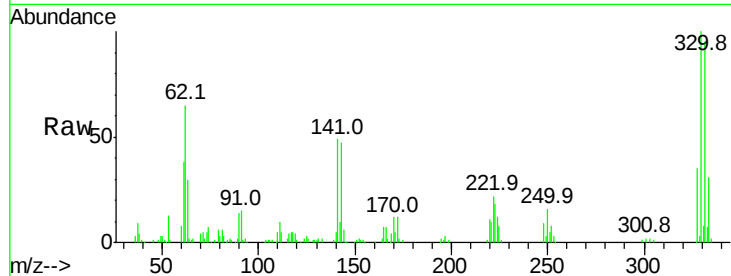
#41
 2,4,6-Tribromophenol
 Concen: 96.30 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampled :
 PB89469BS

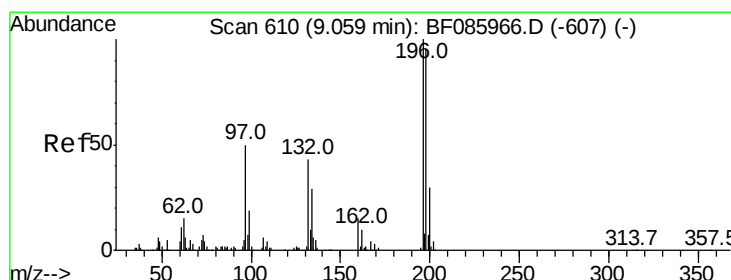
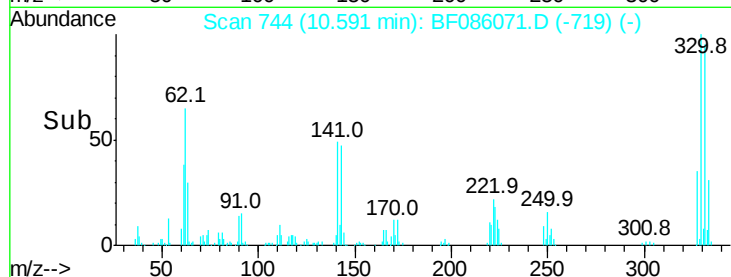
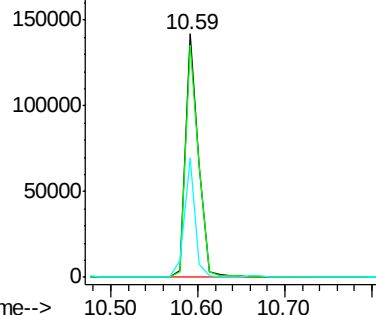
Tot Ion	Ratio	Resp	Lower	Upper
330	100	150738		
332	96.4	78.2	117.2	
141	40.8	31.5	47.3	

Manual Integrations
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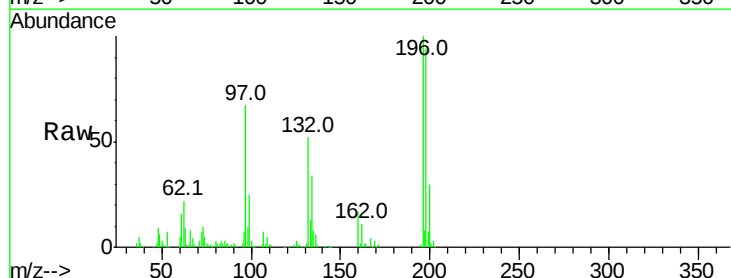


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

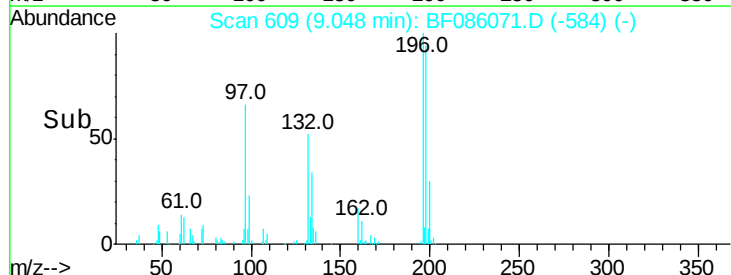
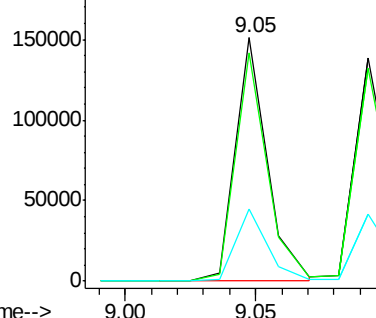


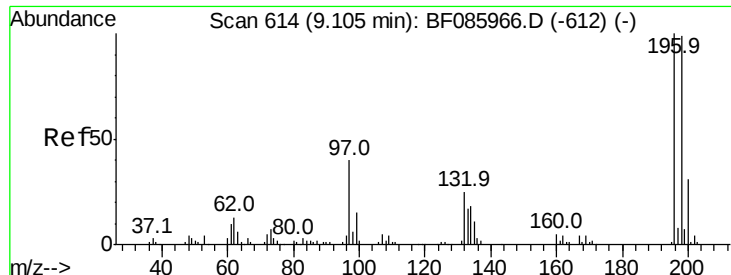
#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128229		
198	93.8	75.3	112.9	
200	29.7	23.7	35.5	



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





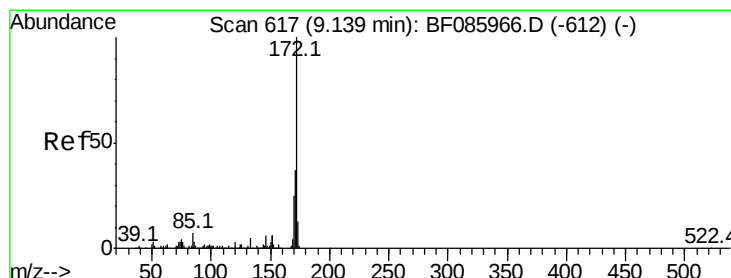
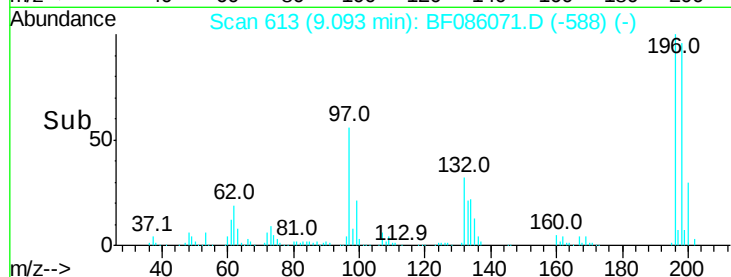
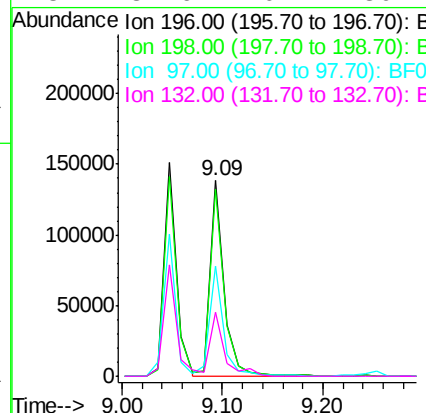
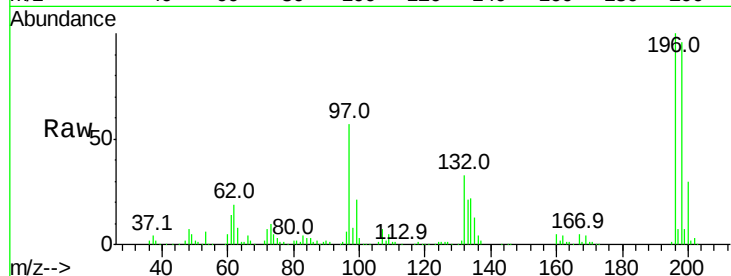
#43
 2,4,5-Trichlorophenol
 Concen: 40.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133001		
198	95.6	76.6	114.8	
97	56.7	30.5	45.7#	
132	32.6	20.2	30.2#	

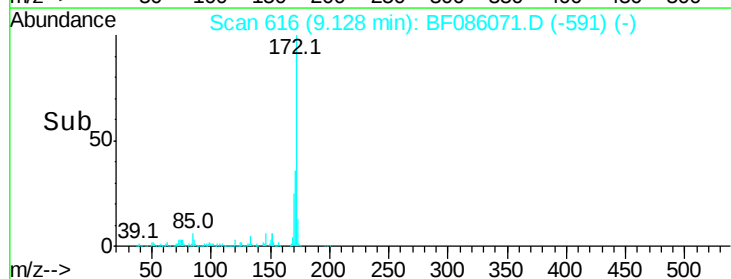
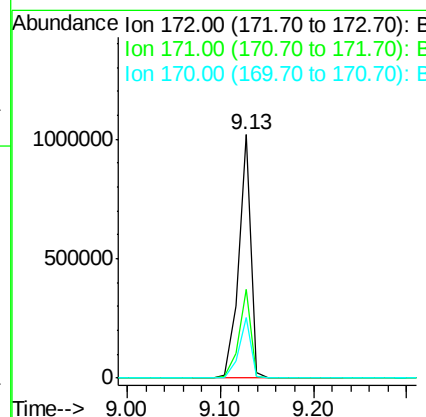
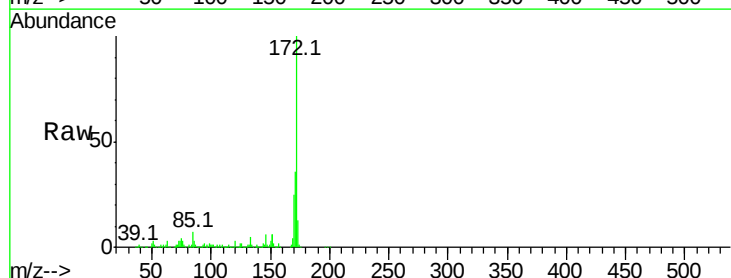
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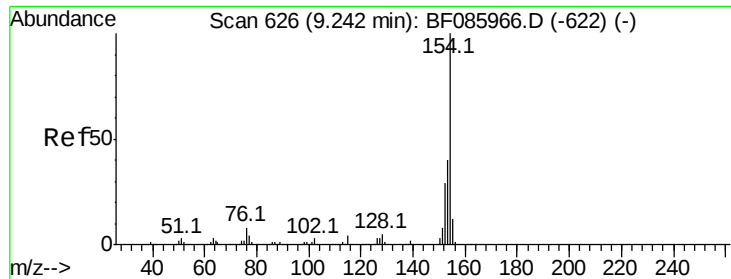
Sohil
 4/5/2016 6:39:18 PM



#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	933423		
171	36.3	29.4	44.2	
170	24.7	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 38.54 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

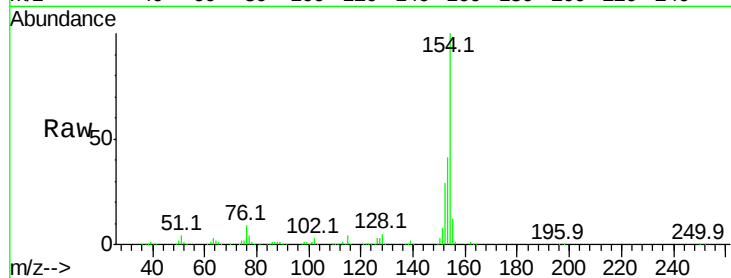
ClientSampleId :

PB89469BS

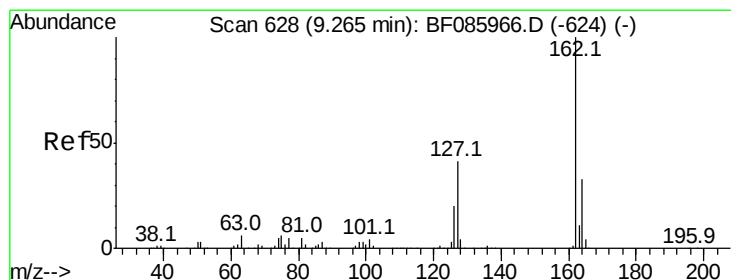
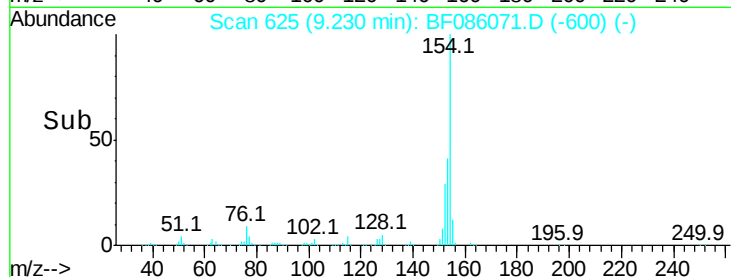
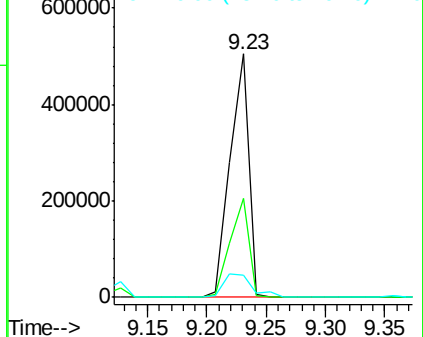
Tot Ion:	154	Resp:	554206
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	8.9	0.0	36.7

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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: 40.57 ng

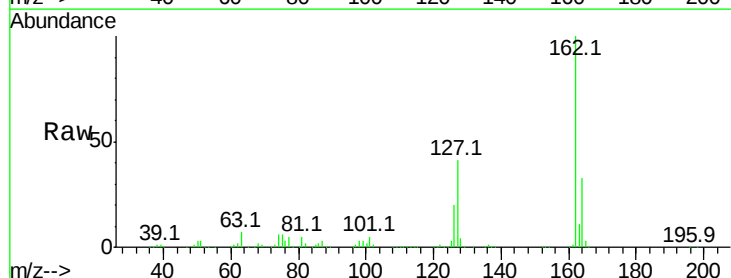
RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

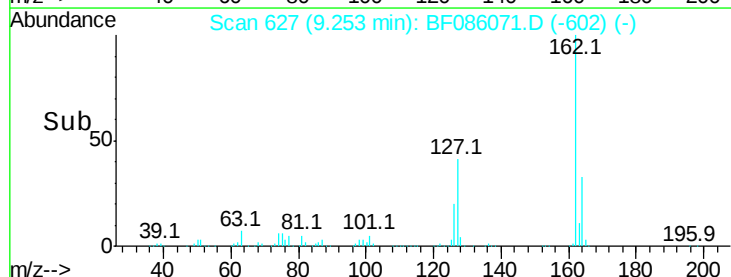
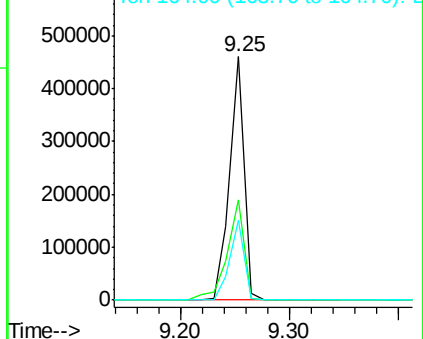
Lab File: BF086071.D

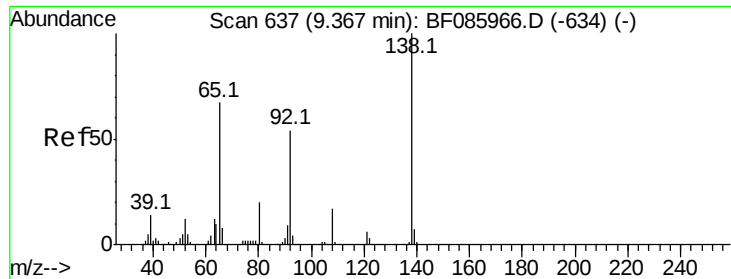
Acq: 5 Apr 2016 8:20

Tgt Ion:	162	Resp:	422844
Ion Ratio	Lower	Upper	
162	100		
127	41.2	31.7	47.5
164	32.9	27.3	40.9



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





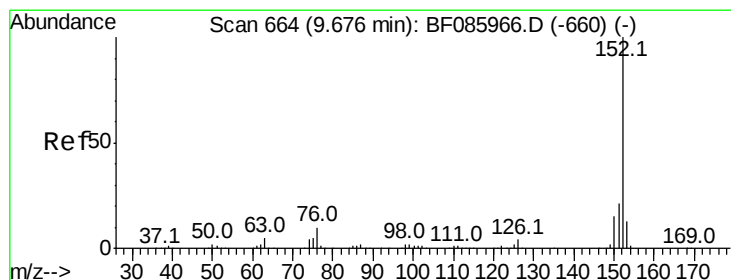
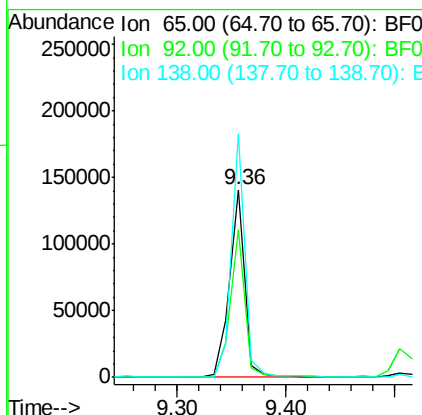
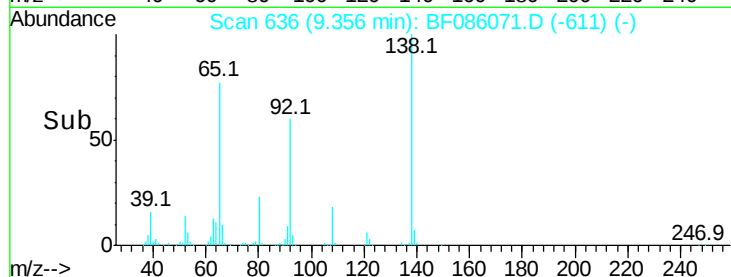
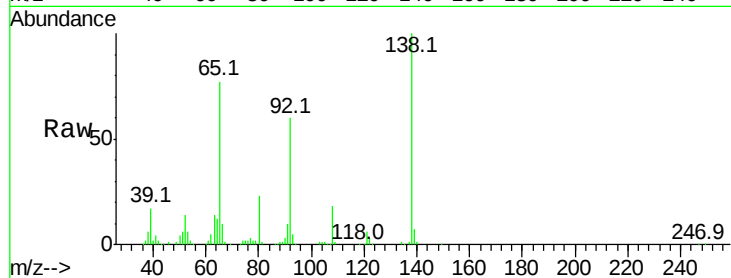
#47
2-Nitroaniline
Concen: 45.11 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.4	59.7	89.5
138	129.8	91.4	137.0

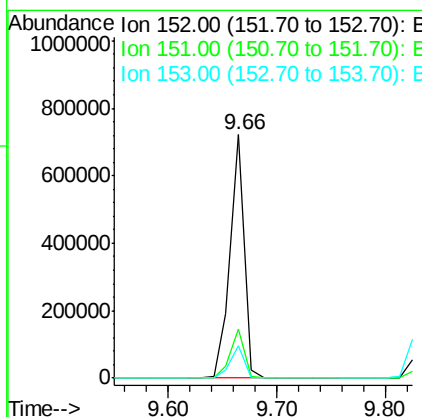
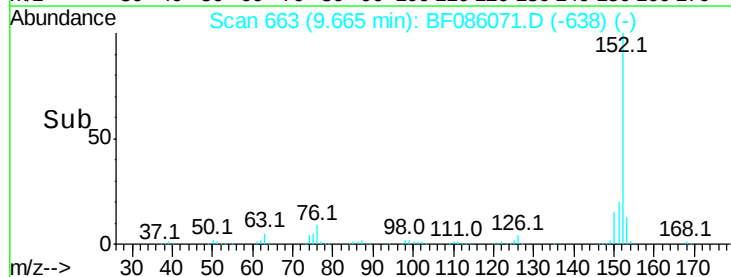
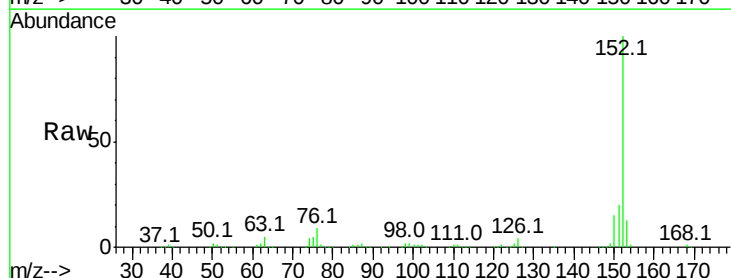
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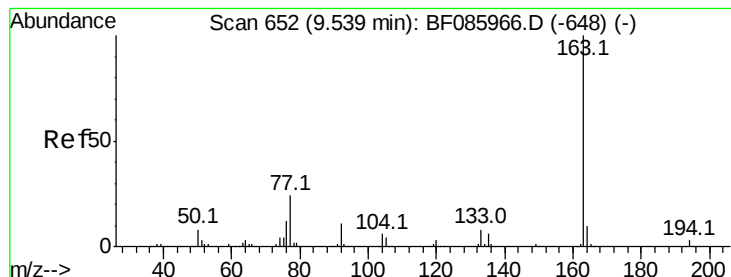
Sohil
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#48
Acenaphthylene
Concen: 38.68 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.3	10.9	16.3





#49

Dimethylphthalate

Concen: 38.97 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

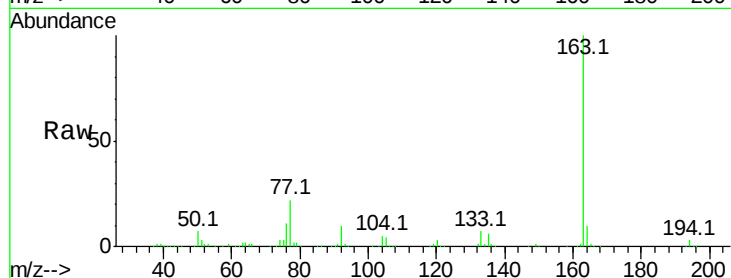
ClientSampleId :

PB89469BS

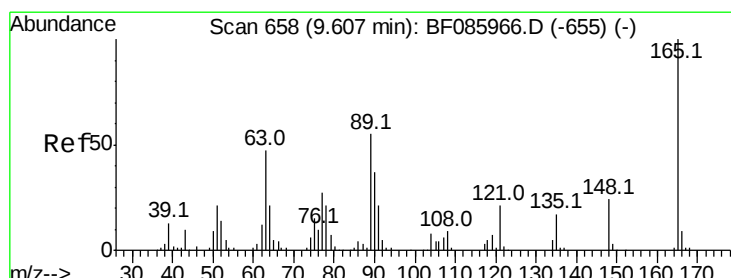
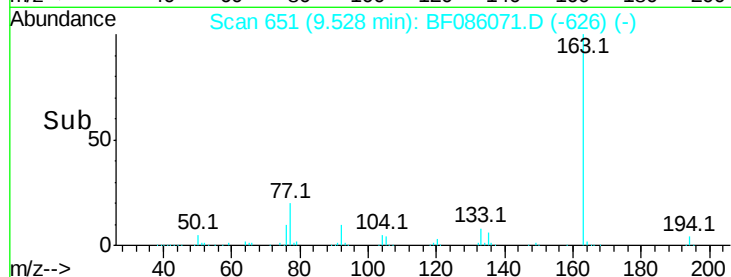
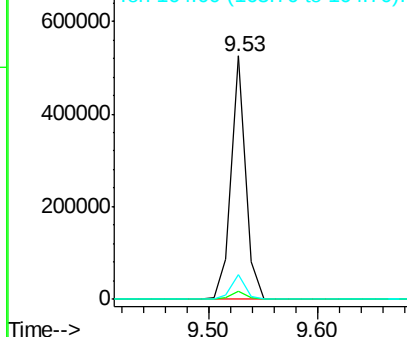
Tot Ion:	163	Resp:	481745
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	10.4	8.3	12.5

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



#50

2,6-Dinitrotoluene

Concen: 37.20 ng

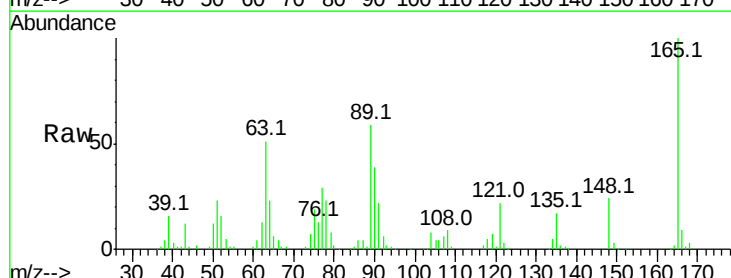
RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

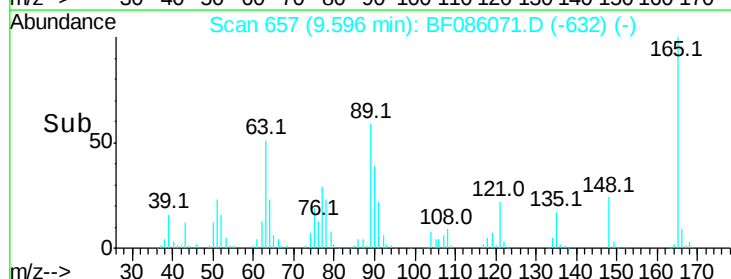
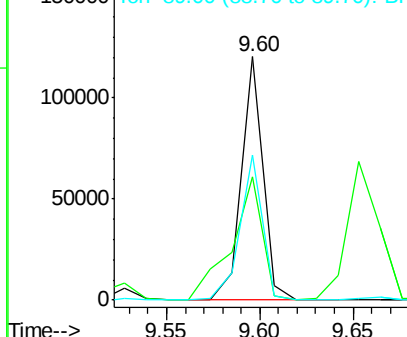
Lab File: BF086071.D

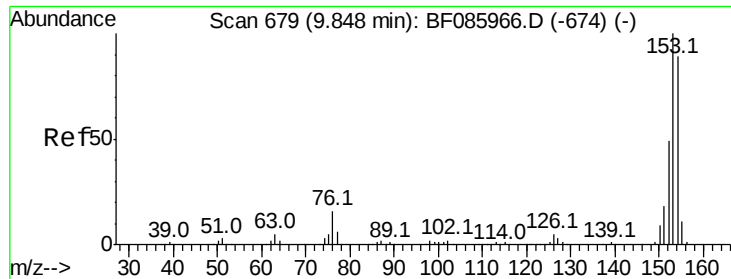
Acq: 5 Apr 2016 8:20

Tgt Ion:	165	Resp:	97289
Ion Ratio	Lower	Upper	
165	100		
63	50.8	51.8	77.8#
89	59.4	53.7	80.5



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: 38.71 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

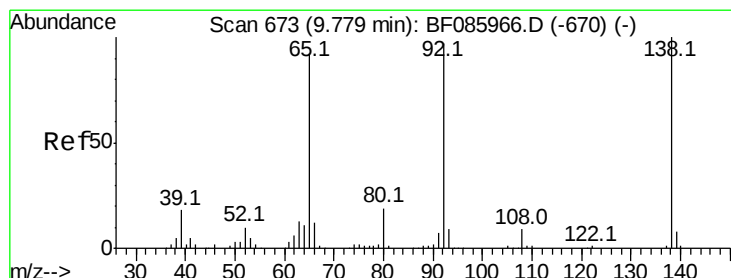
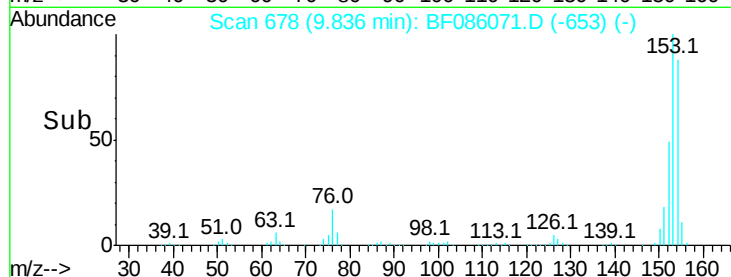
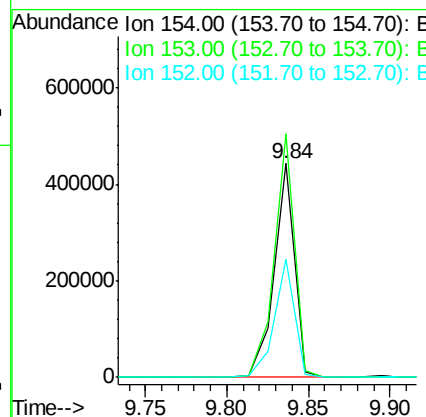
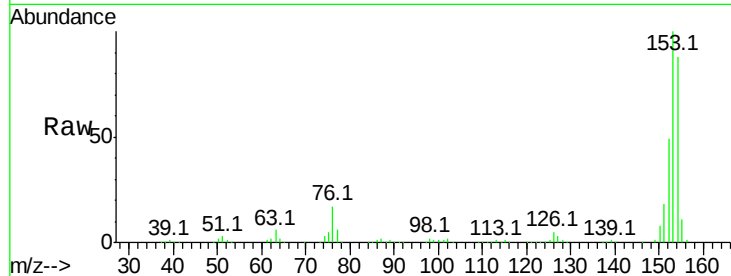
ClientSampleId :

PB89469BS

Tot Ion:	154	Resp:	384399
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.1	135.1
152	55.4	44.2	66.2

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#52

3-Nitroaniline

Concen: 36.39 ng

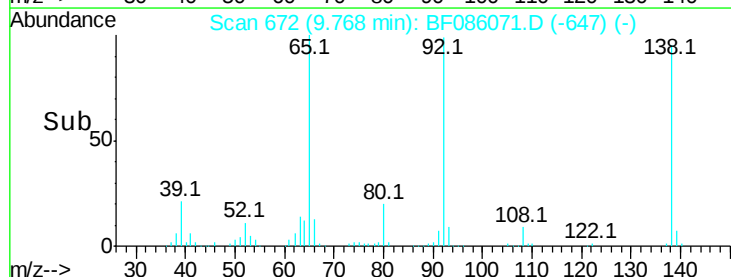
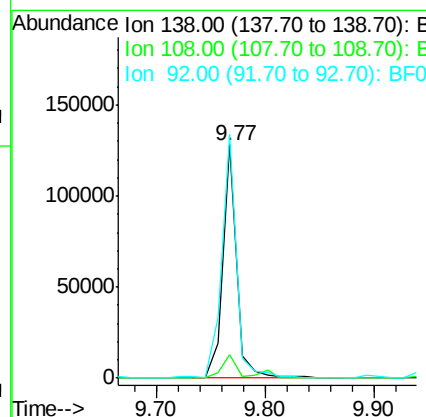
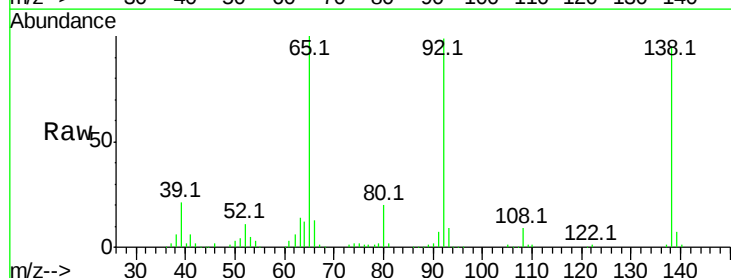
RT: 9.77 min Scan# 672

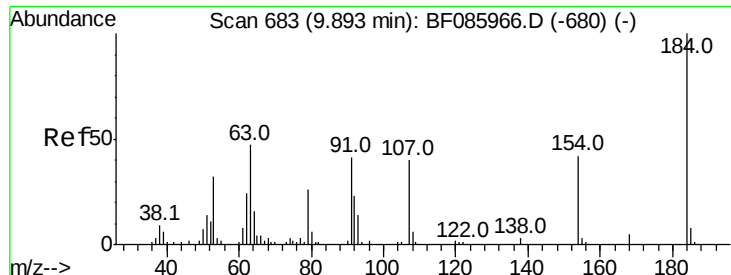
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	138	Resp:	114699
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.7	13.1
92	104.6	93.3	139.9





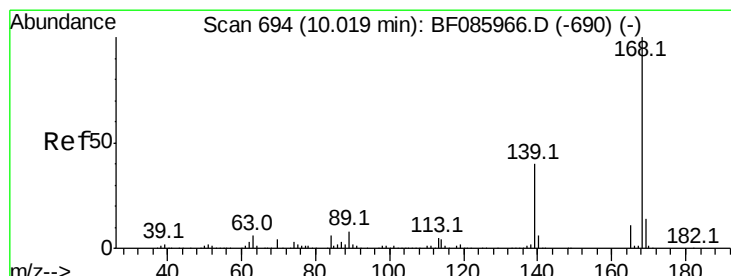
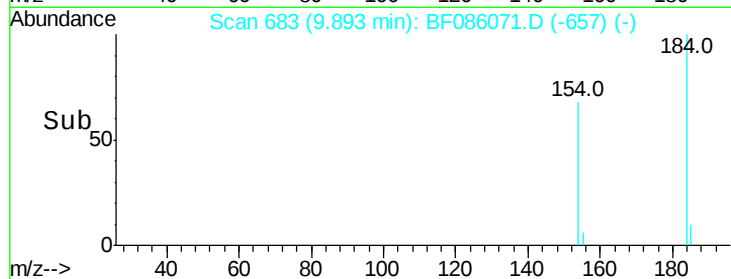
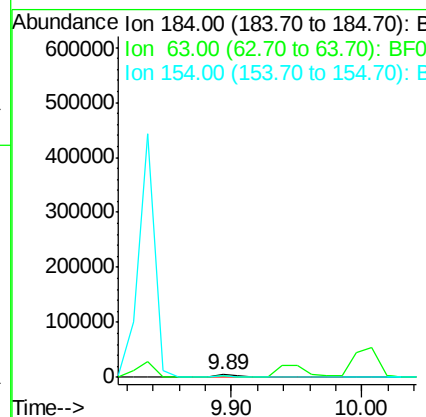
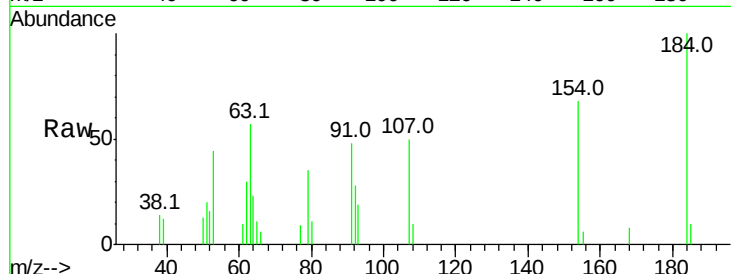
#53
 2,4-Dinitrophenol
 Concen: 10.51 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	69.5	104.3#
154	68.1	58.3	87.5

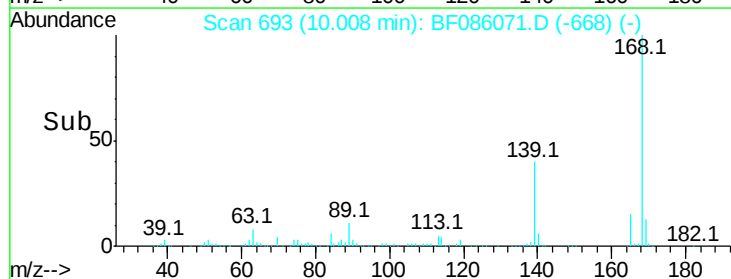
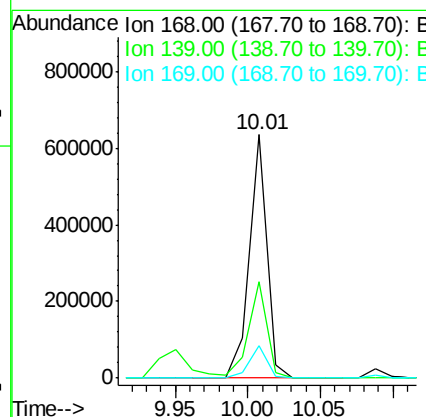
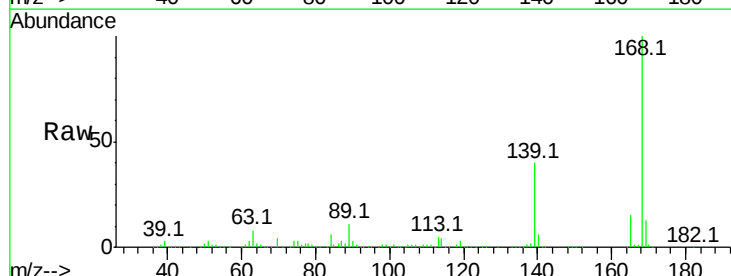
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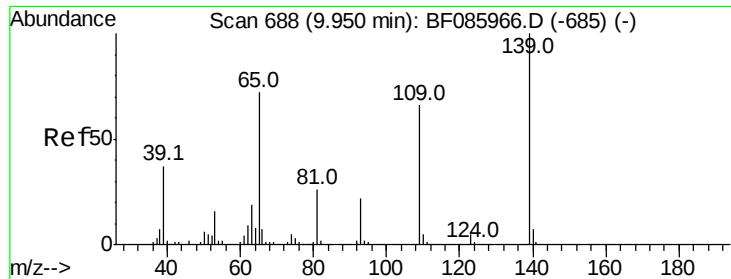
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#54
 Dibenzofuran
 Concen: 40.84 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.9	47.9
169	13.4	11.0	16.6





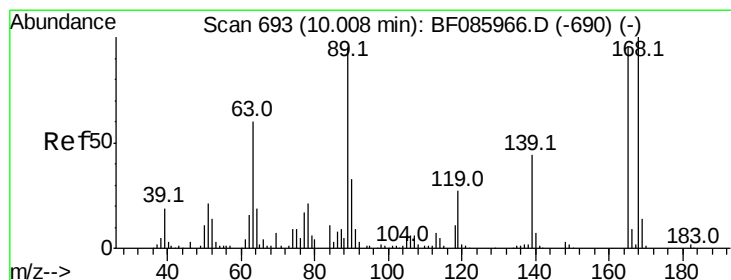
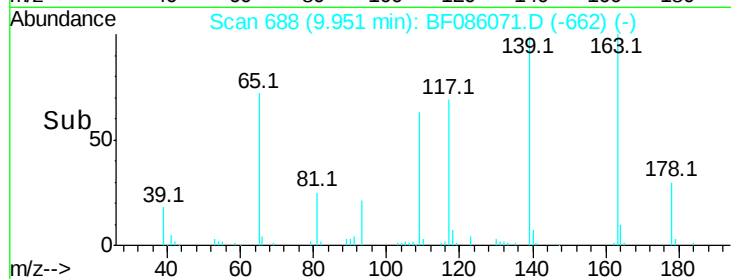
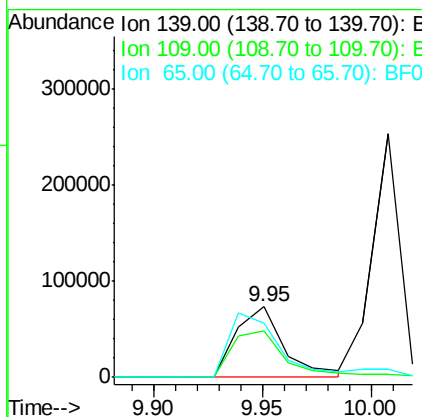
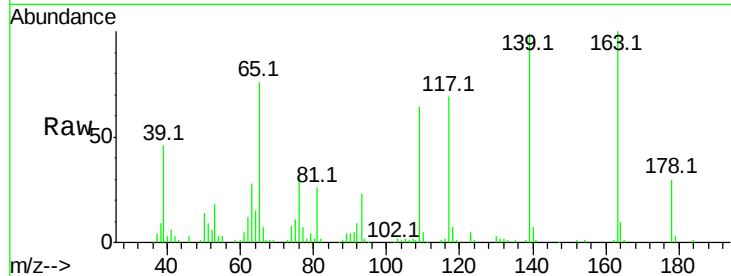
#55
4-Nitrophenol
Concen: 60.86 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	113084		
109	64.9	49.2	89.2	
65	77.1	66.9	106.9	

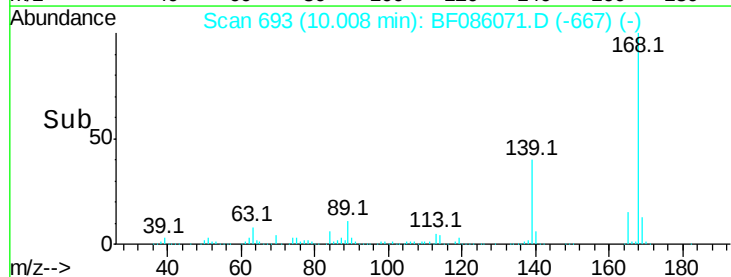
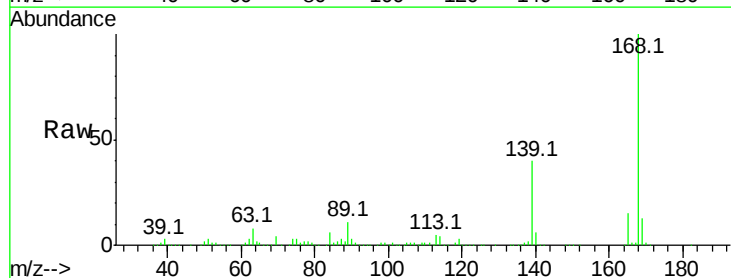
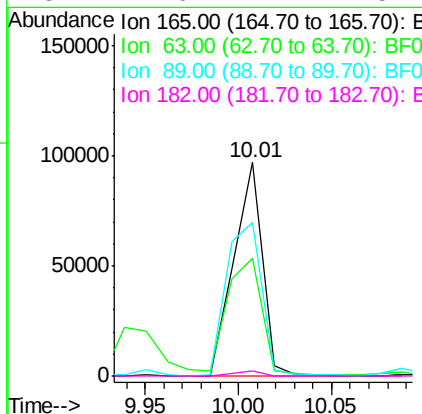
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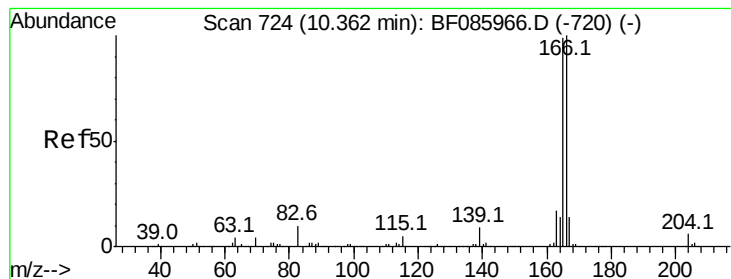
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#56
2,4-Dinitrotoluene
Concen: 31.42 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103816		
63	55.1	24.9	37.3#	
89	72.0	41.0	61.6#	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 36.75 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

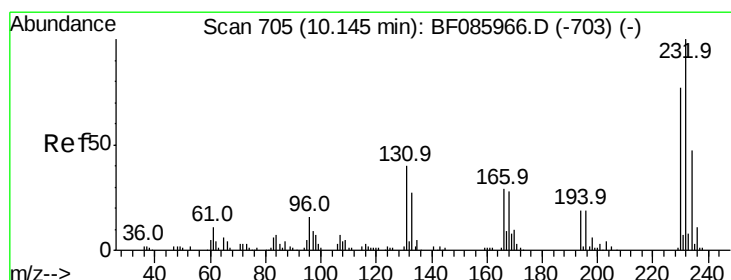
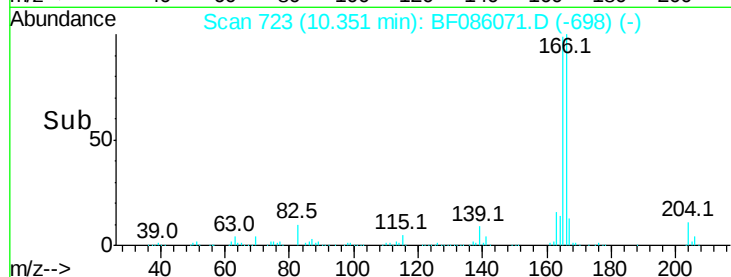
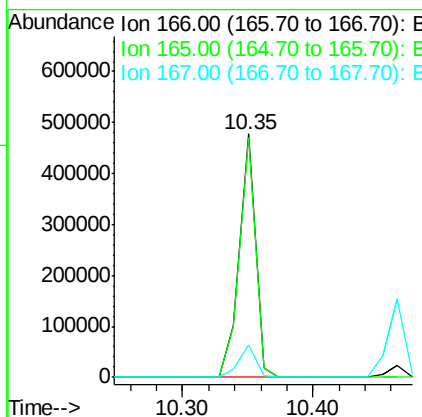
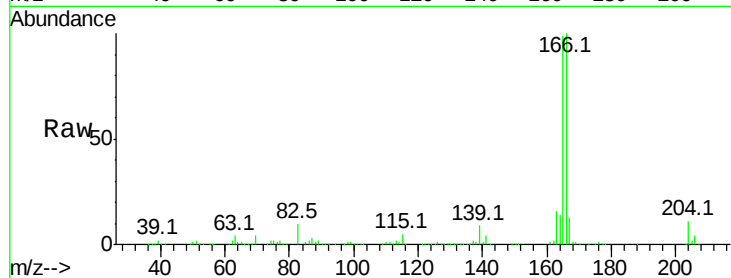
ClientSampleId :

PB89469BS

Tot Ion:	166	Resp:	411752
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.4	119.0
167	13.2	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.00 ng

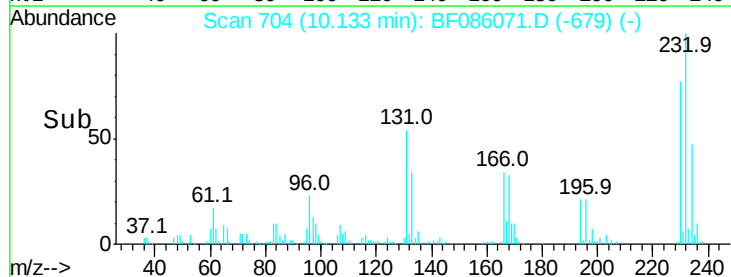
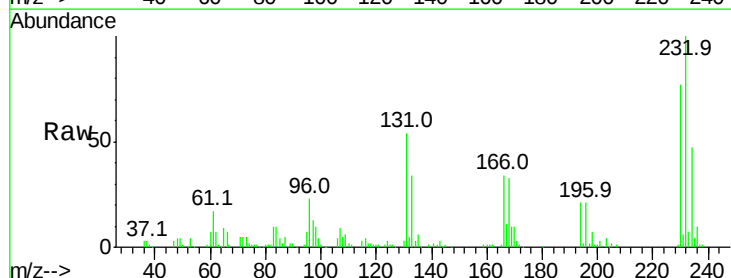
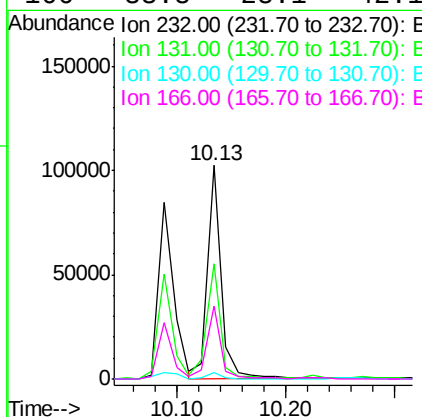
RT: 10.13 min Scan# 704

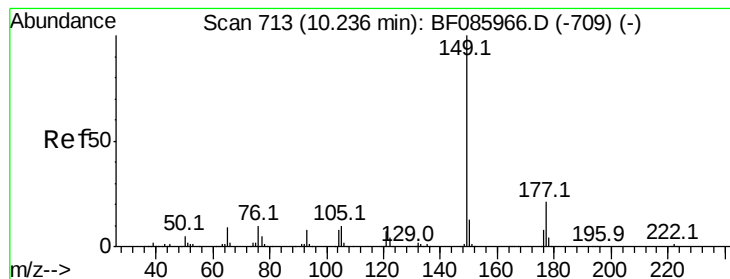
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	232	Resp:	90018
Ion Ratio	Lower	Upper	
232	100		
131	53.8	44.9	67.3
130	2.8	2.3	3.5
166	33.8	28.1	42.1





#59

Diethylphthalate

Concen: 36.38 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

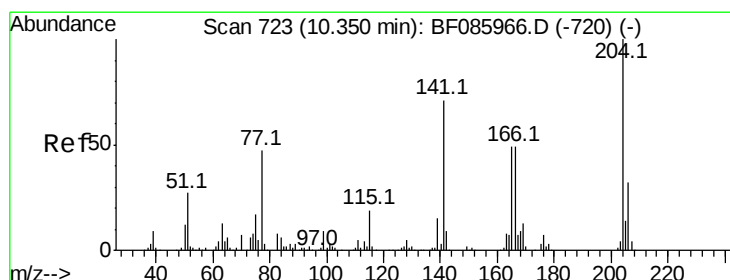
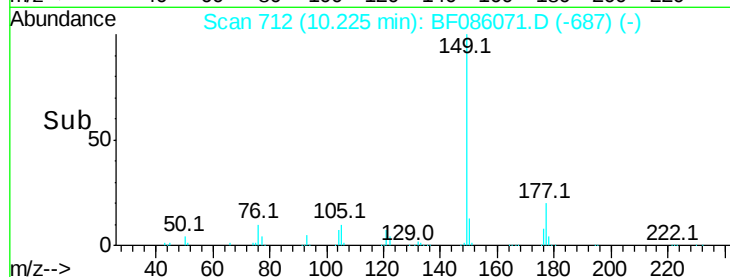
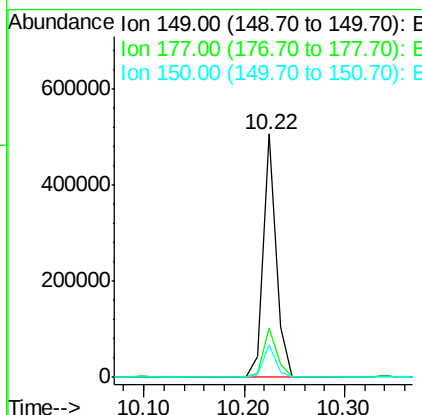
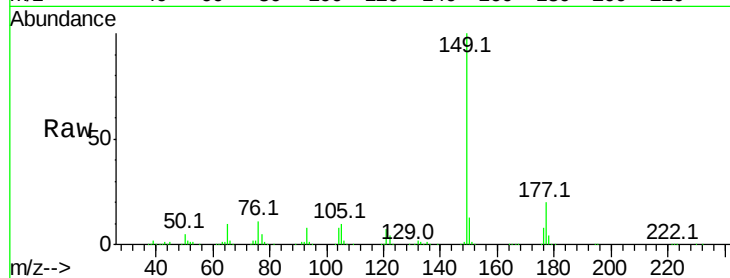
ClientSampleId :

PB89469BS

Tot Ion:	149	Resp:	453830
Ion Ratio	Lower	Upper	
149	100		
177	20.4	17.9	26.9
150	13.1	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 36.68 ng

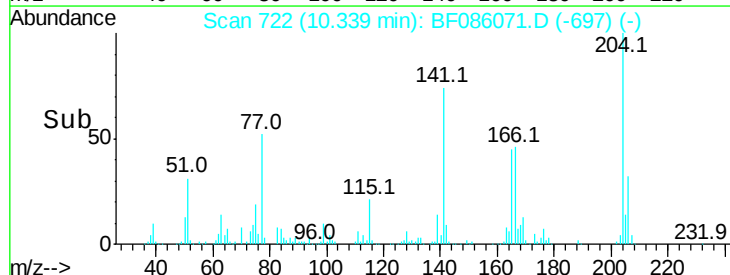
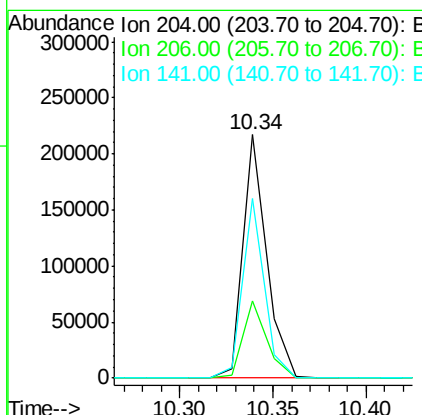
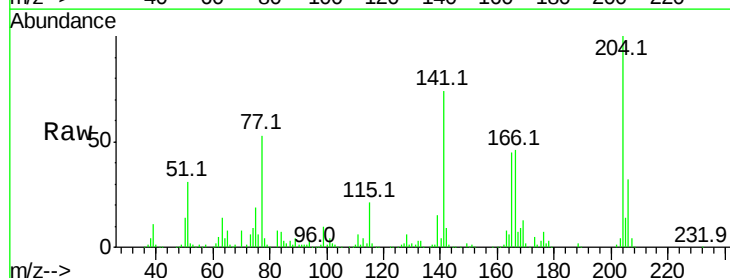
RT: 10.34 min Scan# 722

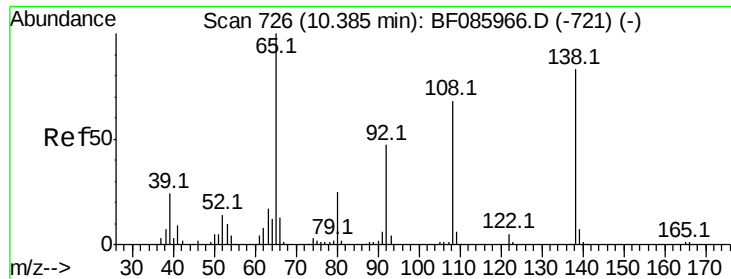
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	204	Resp:	191432
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	39.8
141	73.8	57.4	86.0





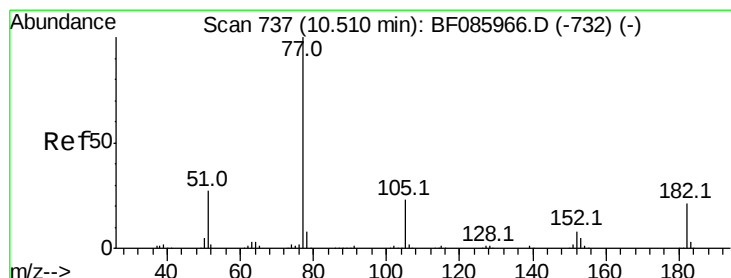
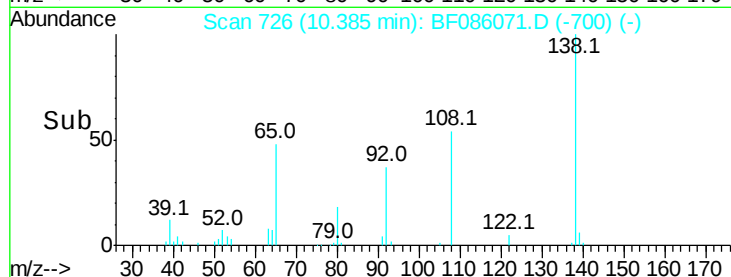
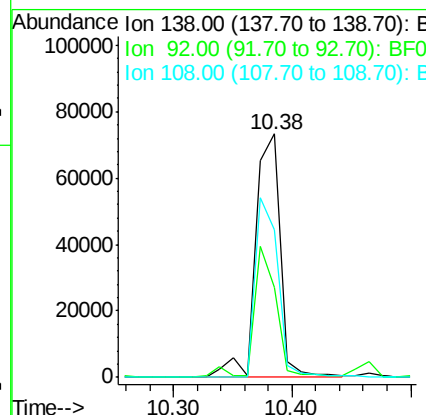
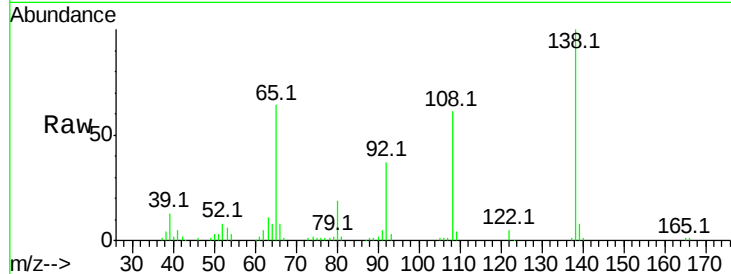
#61
4-Nitroaniline
Concen: 34.57 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion:	138	Resp:	107294
Ion Ratio	Lower	Upper	
138	100		
92	37.1	26.4	66.4
108	60.7	49.0	89.0

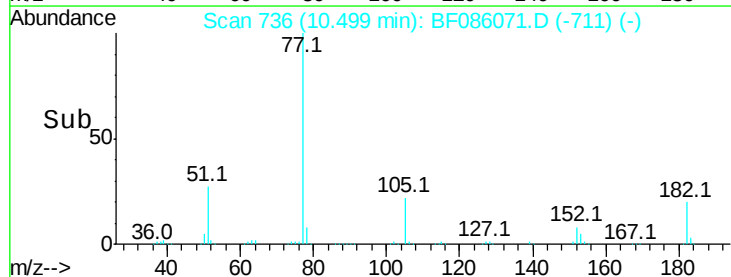
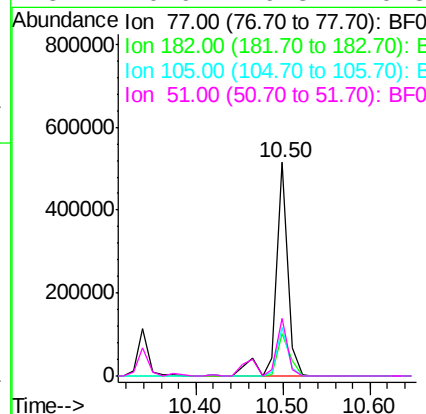
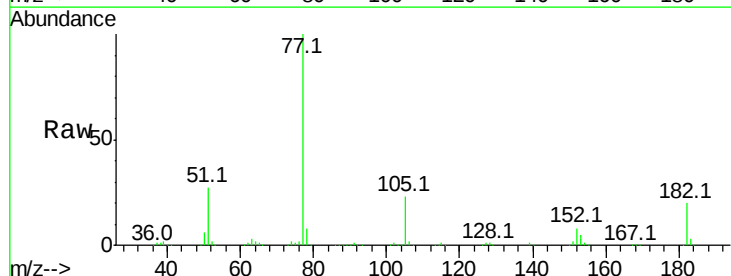
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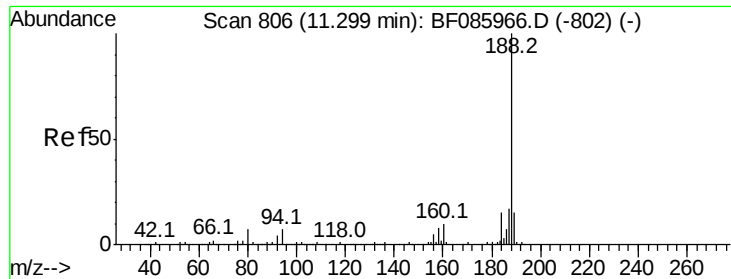
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#62
Azobenzene
Concen: 40.51 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion:	77	Resp:	484060
Ion Ratio	Lower	Upper	
77	100		
182	19.8	1.9	41.9
105	23.0	3.5	43.5
51	26.9	6.3	46.3





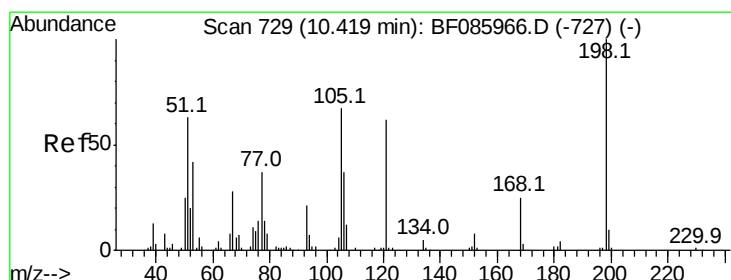
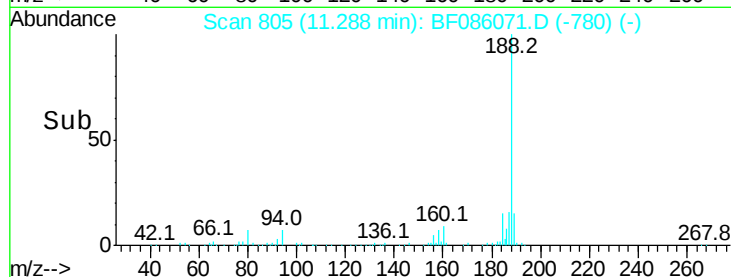
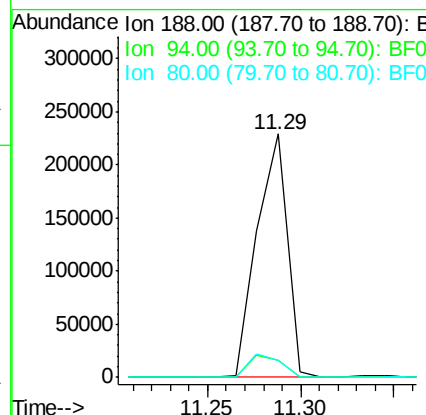
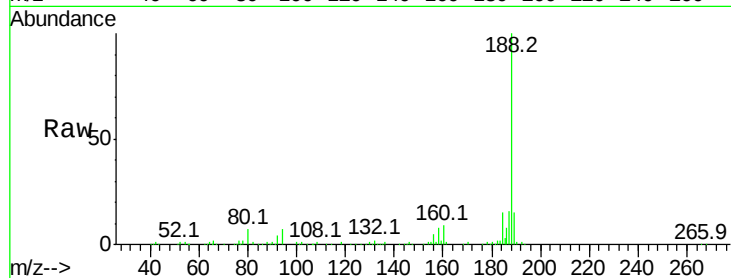
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.8	5.4	8.0
80	6.9	5.5	8.3

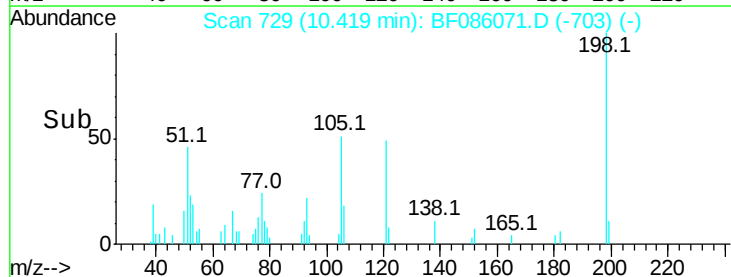
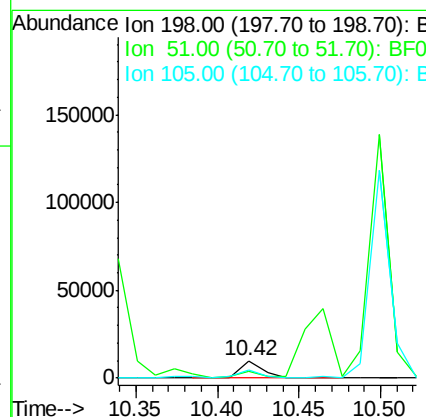
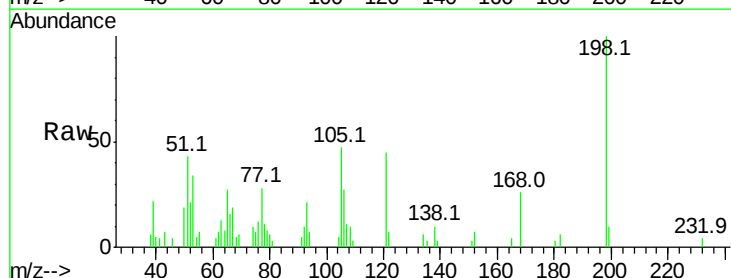
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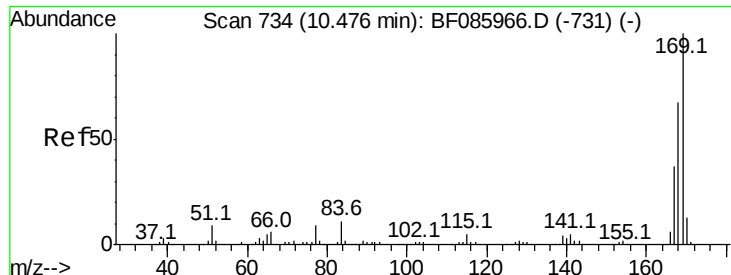
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#64
4,6-Dinitro-2-methylphenol
Concen: 6.26 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.8	45.4	85.4#
105	47.1	45.9	85.9





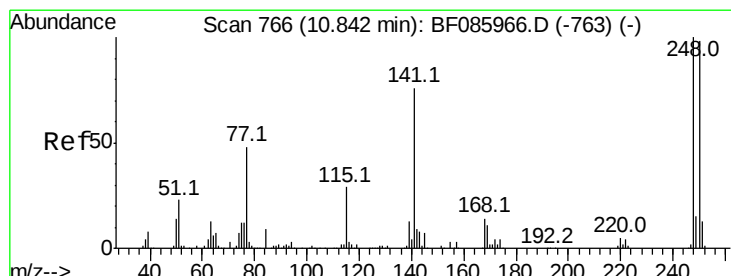
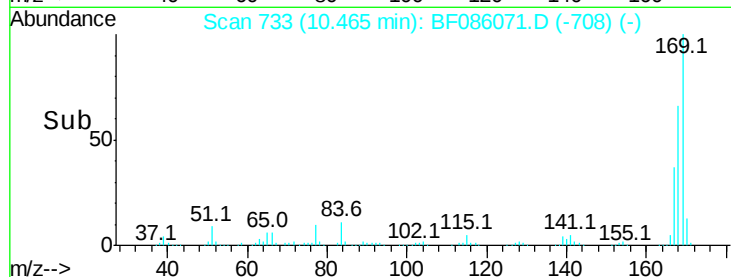
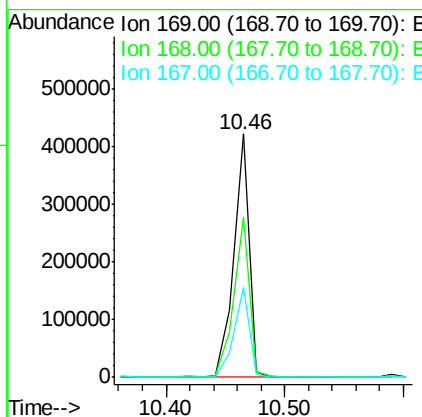
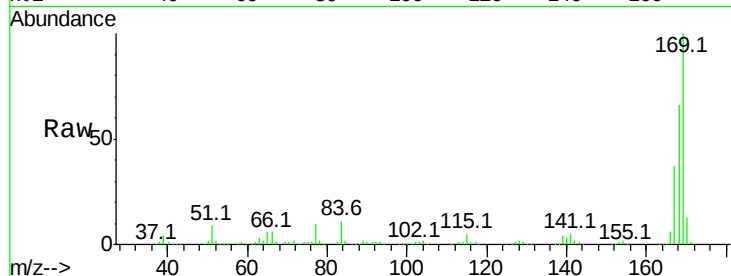
#65
 n-Nitrosodiphenylamine
 Concen: 47.19 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	379922		
168	65.9		54.4	81.6
167	36.8		29.4	44.0

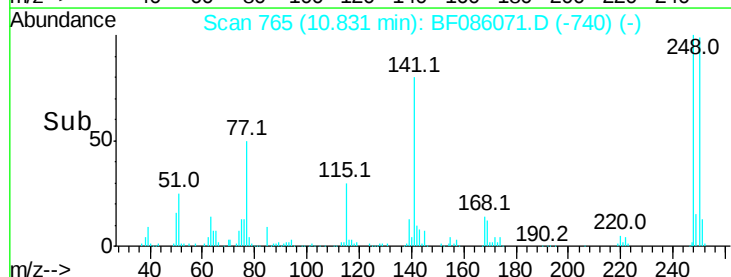
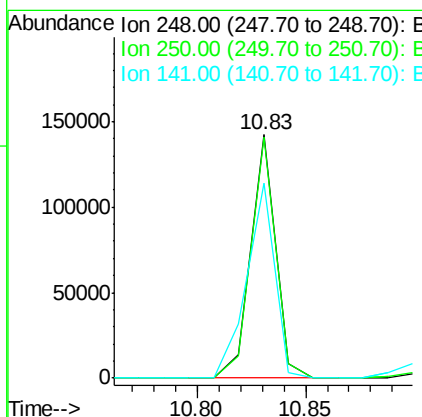
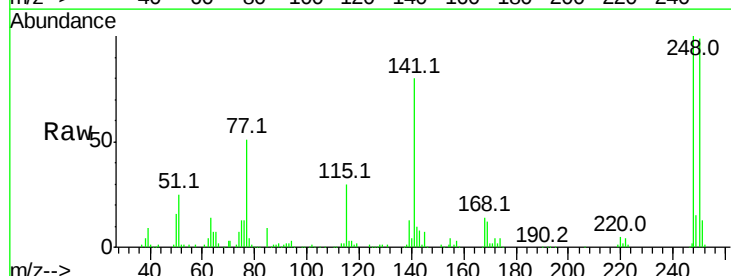
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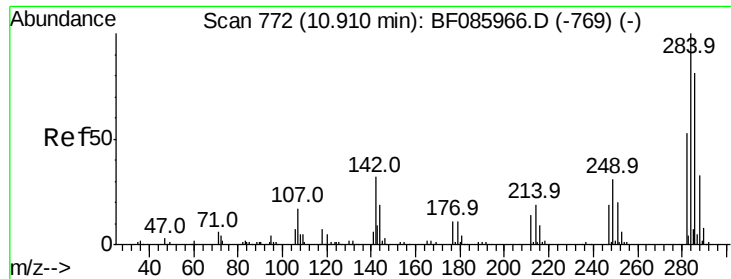
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#66
 4-Bromophenyl-phenylether
 Concen: 43.02 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113077		
250	99.2		77.4	116.0
141	80.1		63.6	95.4





#67

Hexachlorobenzene

Concen: 40.95 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

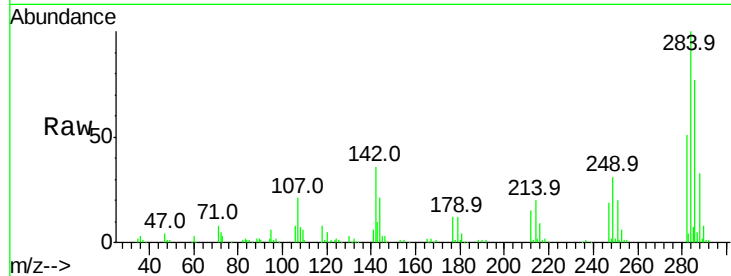
ClientSampleId :

PB89469BS

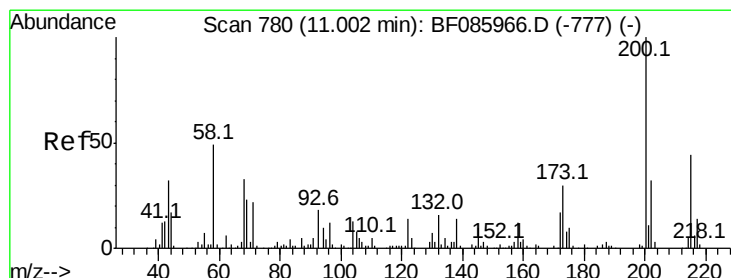
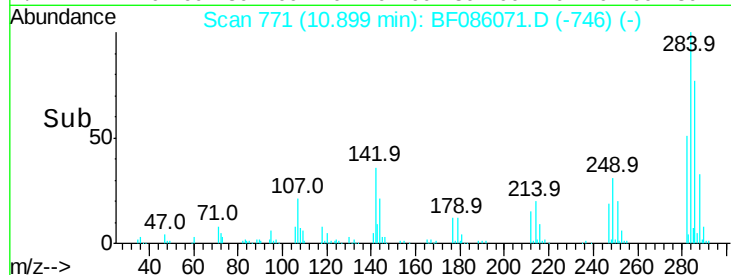
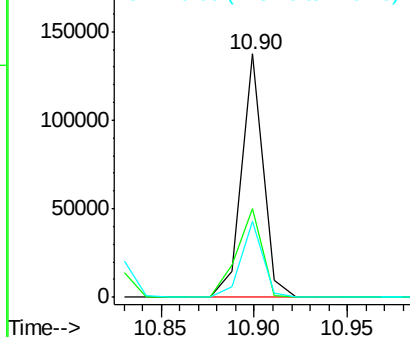
Tot Ion:	284	Resp:	111289
Ion Ratio		Lower	Upper
284	100		
142	36.3	23.1	34.7#
249	31.1	24.2	36.2

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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: 40.39 ng

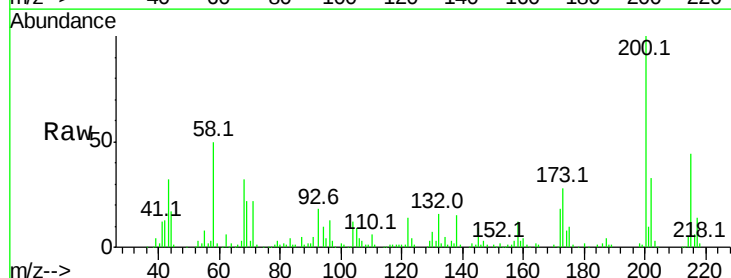
RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

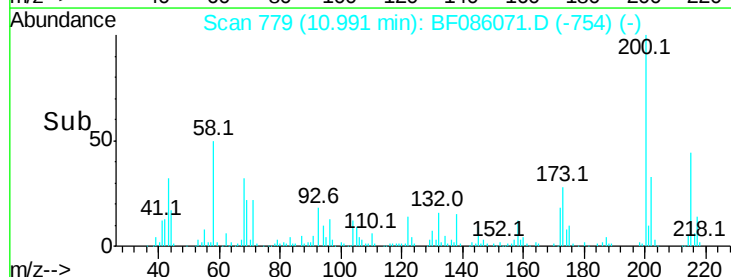
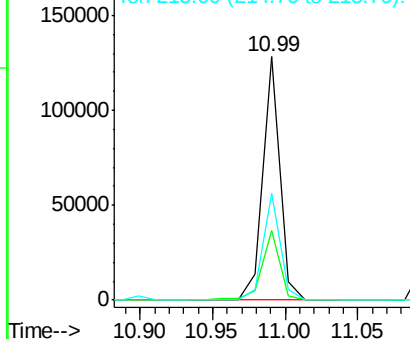
Lab File: BF086071.D

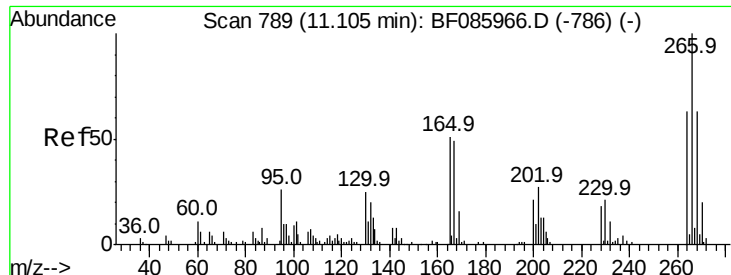
Acq: 5 Apr 2016 8:20

Tgt Ion:	200	Resp:	105073
Ion Ratio		Lower	Upper
200	100		
173	28.4	7.7	47.7
215	43.7	25.4	65.4



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





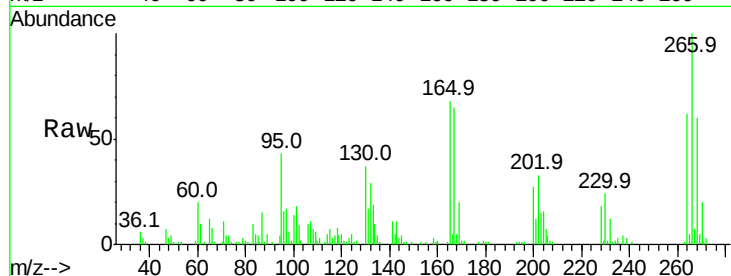
#69
 Pentachlorophenol
 Concen: 69.74 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

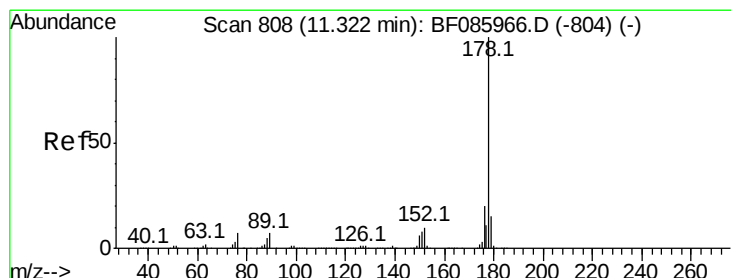
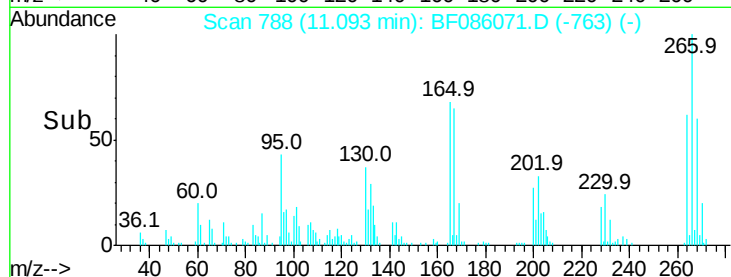
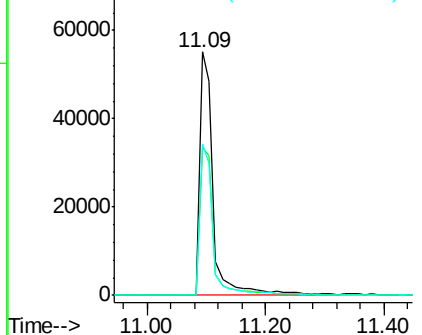
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.5	51.5	77.3	
264	62.2	50.6	76.0	

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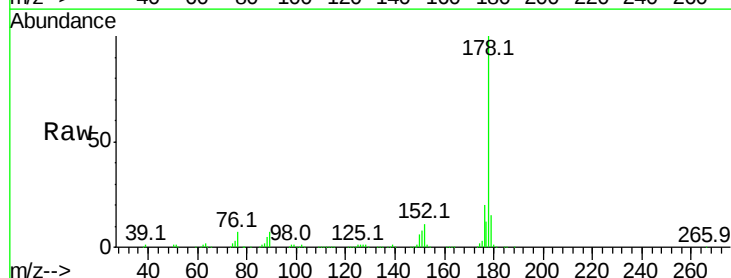


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

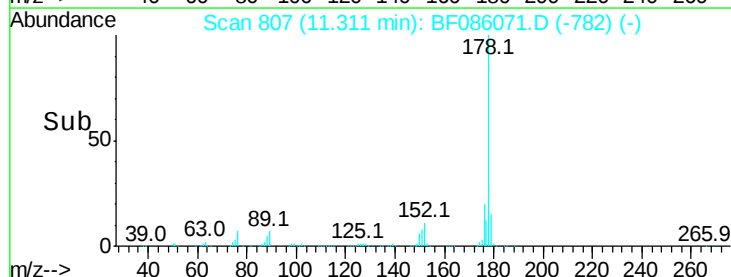
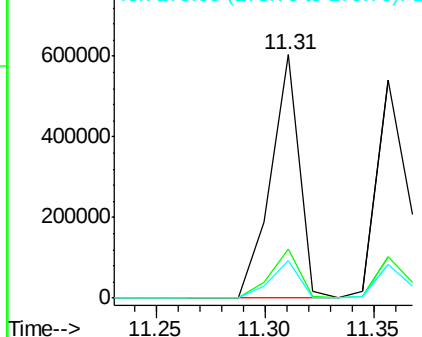


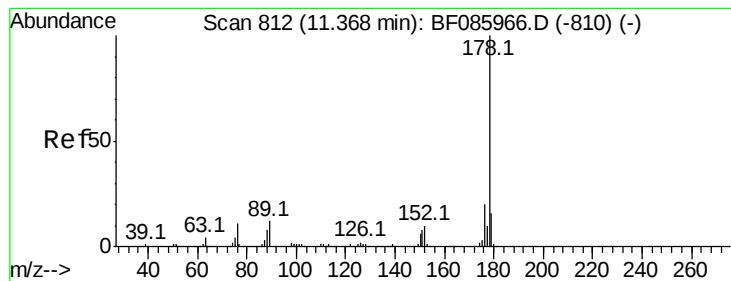
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	16.3	24.5	
179	15.3	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





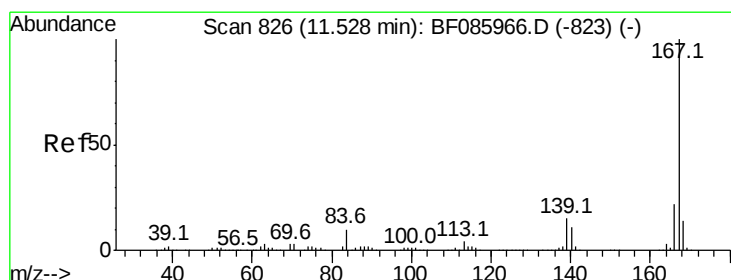
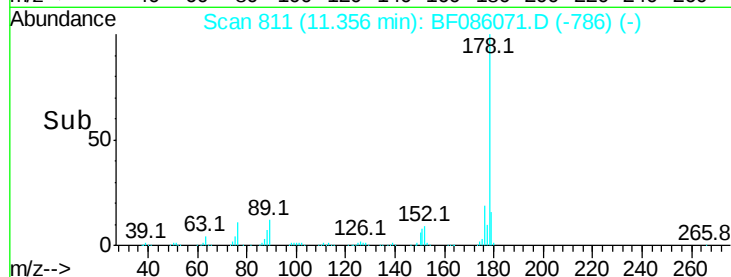
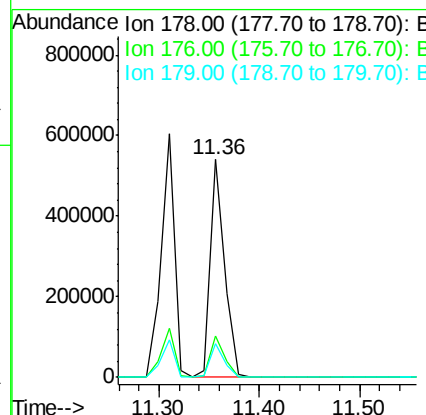
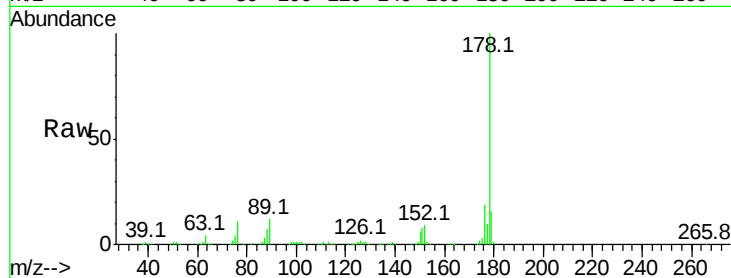
#71
 Anthracene
 Concen: 36.25 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.7	13.0	19.4

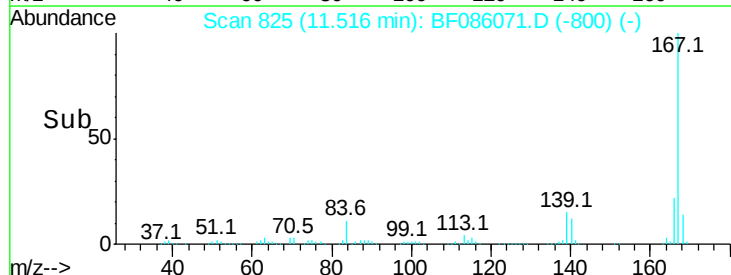
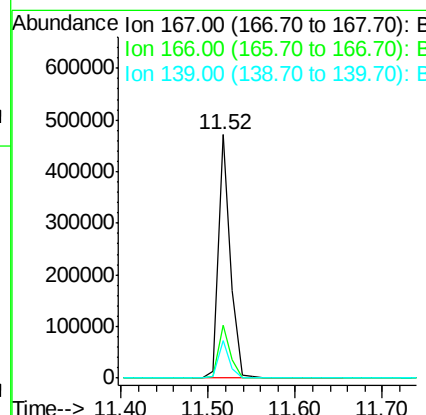
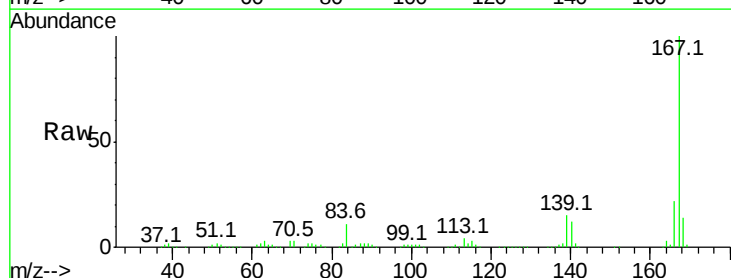
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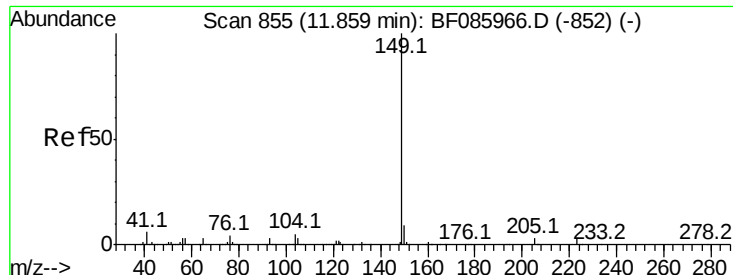
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#72
 Carbazole
 Concen: 36.22 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	15.2	11.6	17.4





#73

Di-n-butylphthalate

Concen: 45.29 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

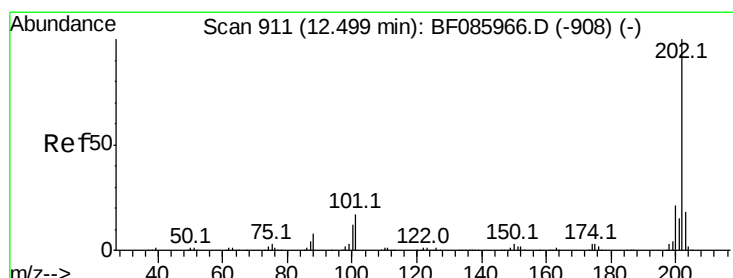
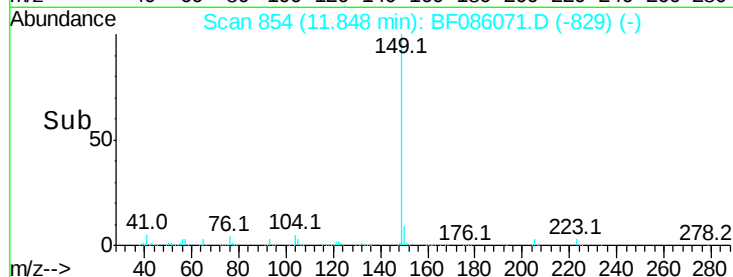
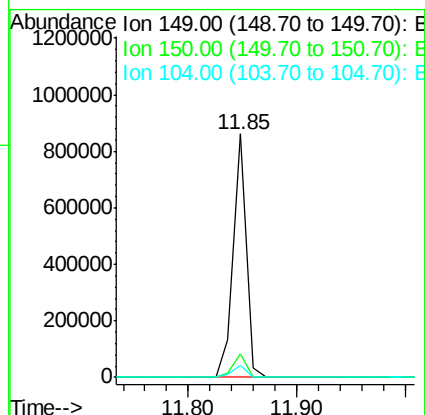
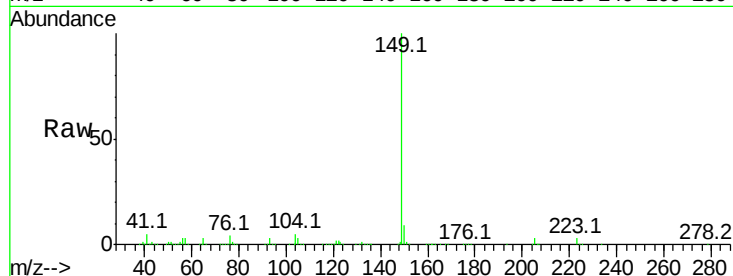
ClientSampleId :

PB89469BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	4.7	3.8	5.8	



#74

Fluoranthene

Concen: 33.44 ng

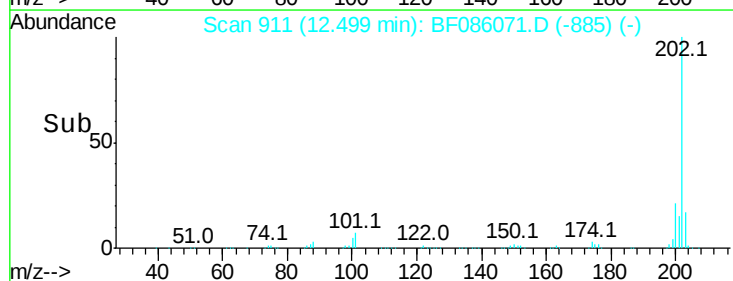
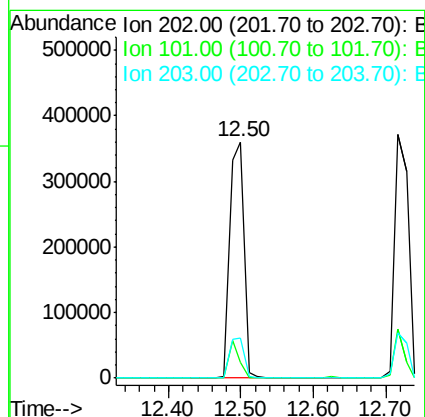
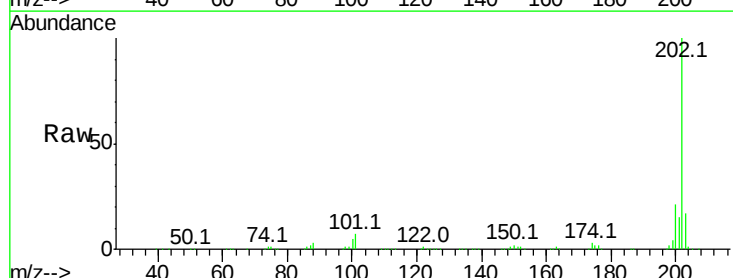
RT: 12.50 min Scan# 911

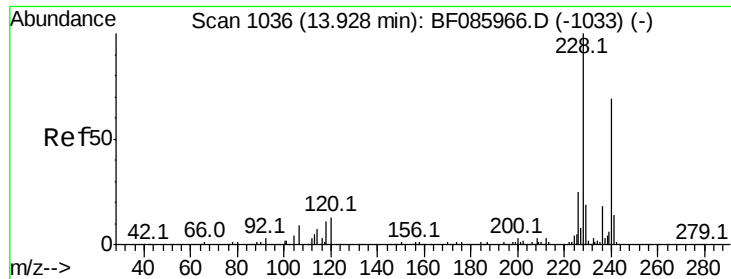
Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.9	0.0	36.6	
203	16.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

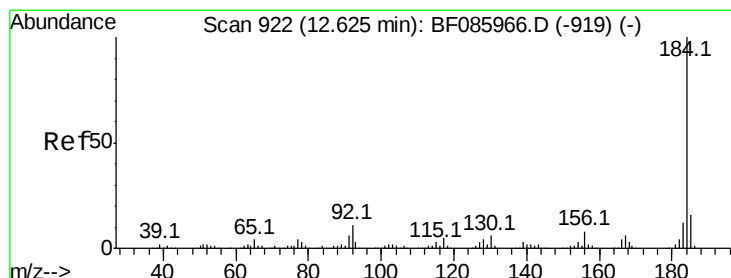
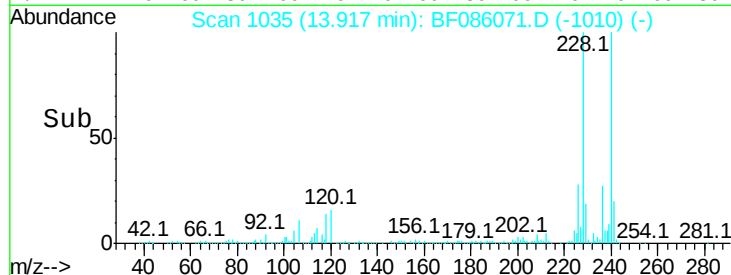
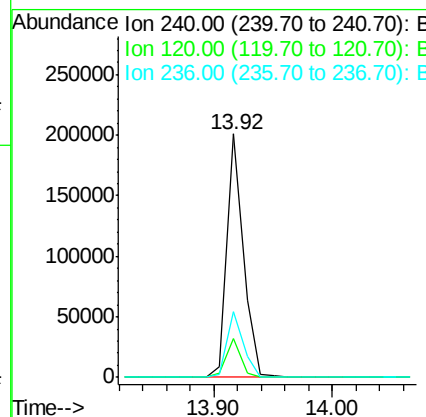
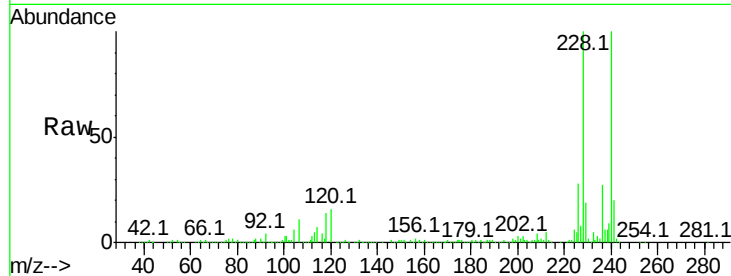
ClientSampleId :

PB89469BS

Tot Ion:	240	Resp:	190801
Ion Ratio	Lower	Upper	
240	100		
120	16.0	13.8	20.8
236	26.8	20.6	30.8

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#76

Benzidine

Concen: 58.73 ng

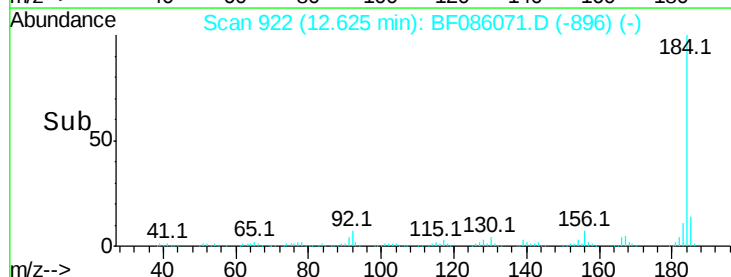
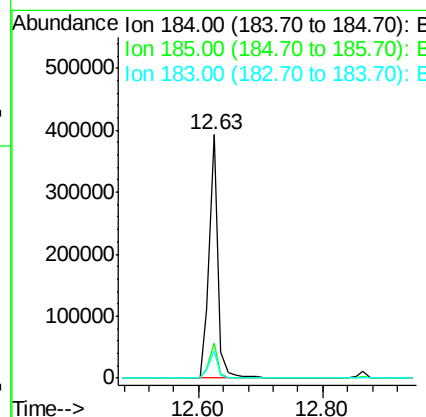
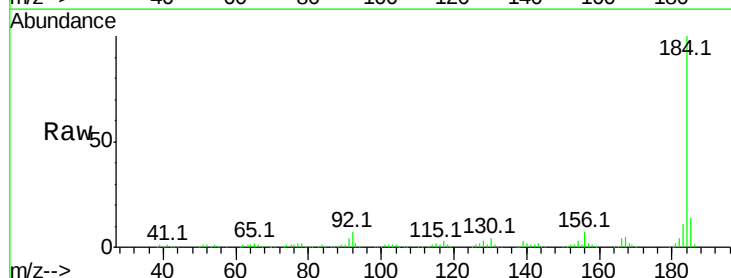
RT: 12.63 min Scan# 922

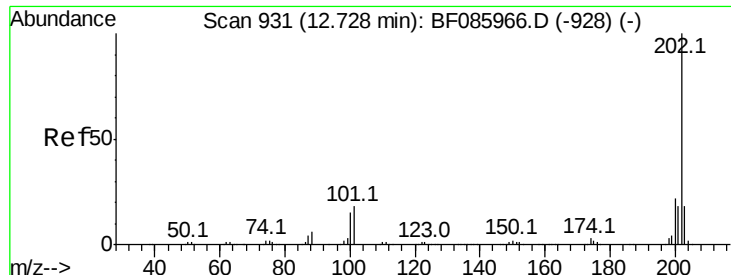
Delta R.T. 0.00 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	184	Resp:	395328
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.4	18.6
183	11.3	9.4	14.2





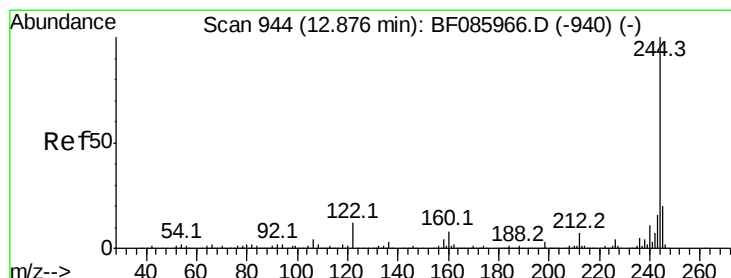
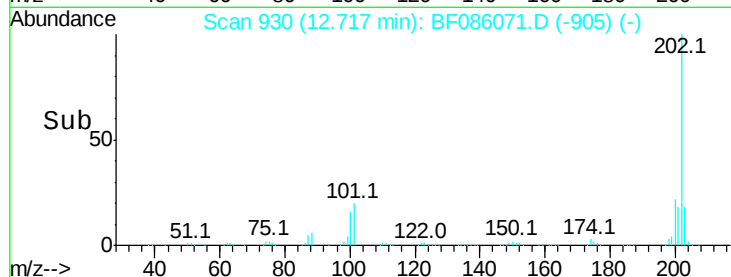
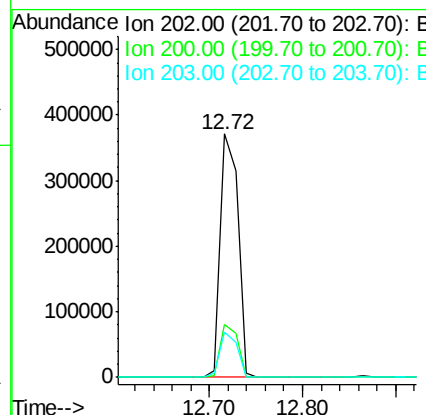
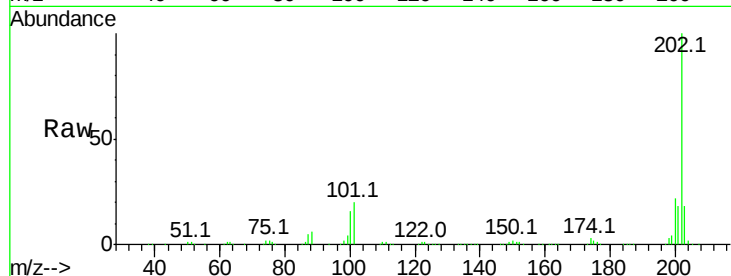
#77
Pvrene
Concen: 36.08 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.4	14.0	21.0

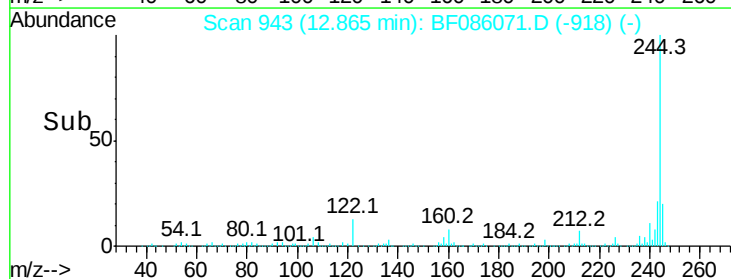
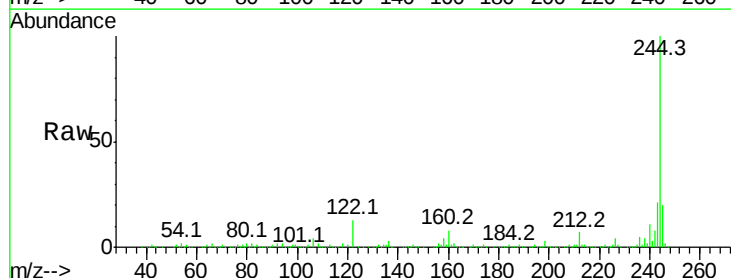
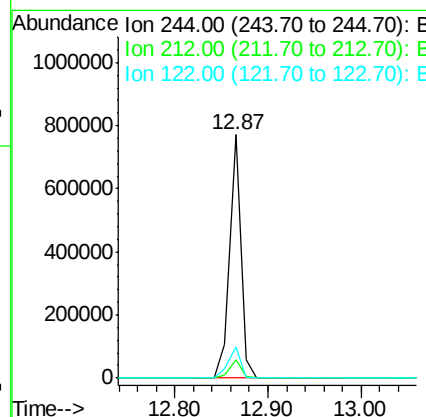
Manual Integrations
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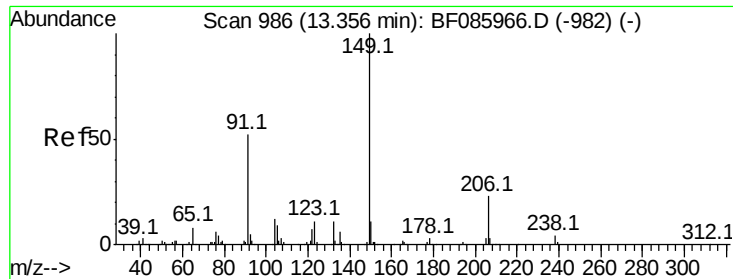
Sohil
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#78
Terphenyl-d14
Concen: 79.60 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.7	10.2	15.4





#79

Butylbenzylphthalate

Concen: 39.47 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

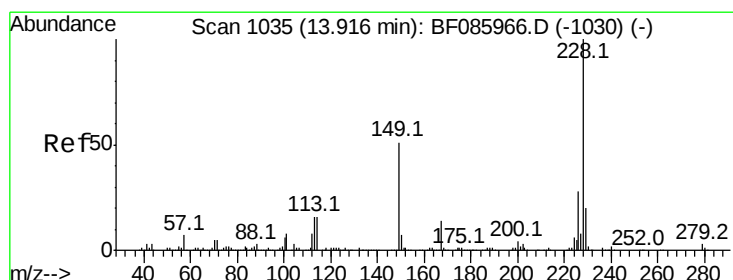
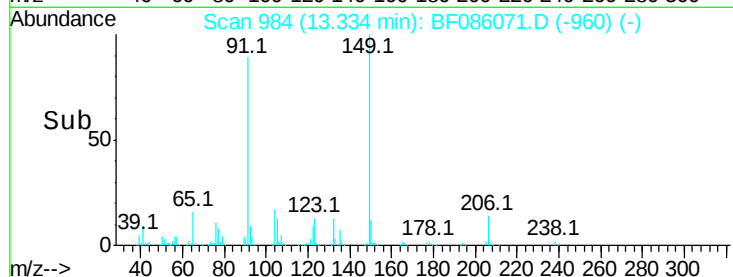
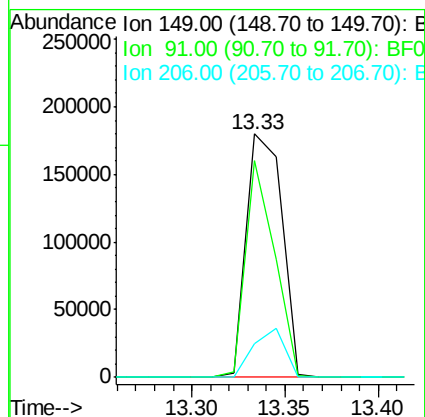
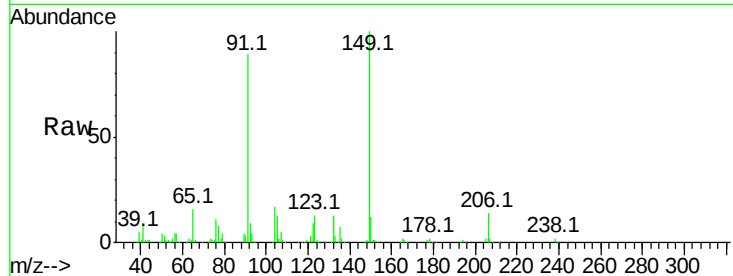
ClientSampleId :

PB89469BS

Tot Ion:	149	Resp:	238942
Ion Ratio	Lower	Upper	
149	100		
91	89.1	45.8	68.8#
206	13.6	17.8	26.8#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 36.19 ng

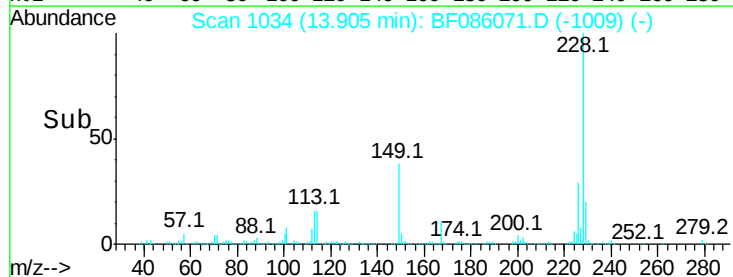
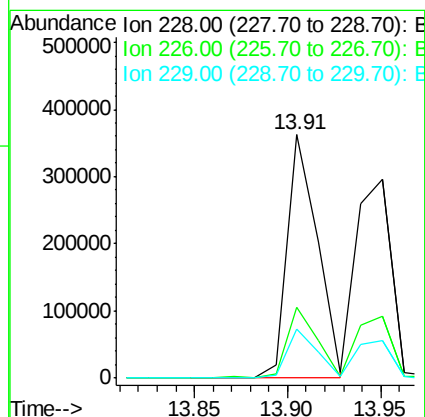
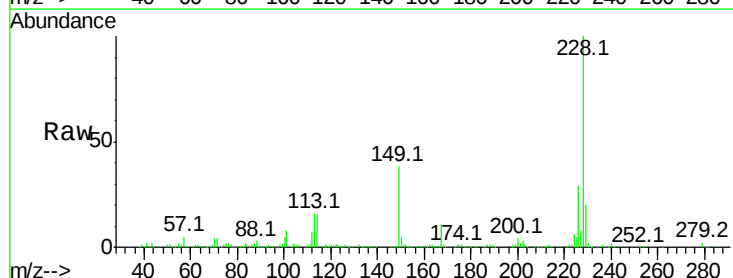
RT: 13.91 min Scan# 1034

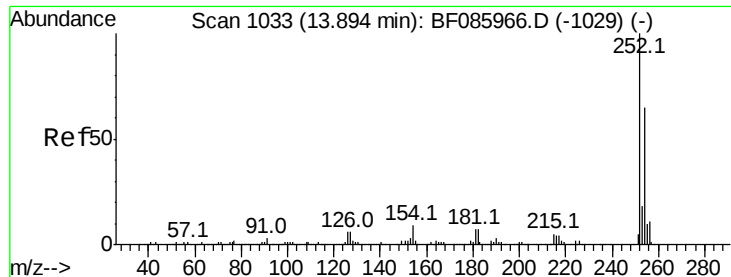
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	228	Resp:	407000
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.1	33.1
229	20.0	16.2	24.4





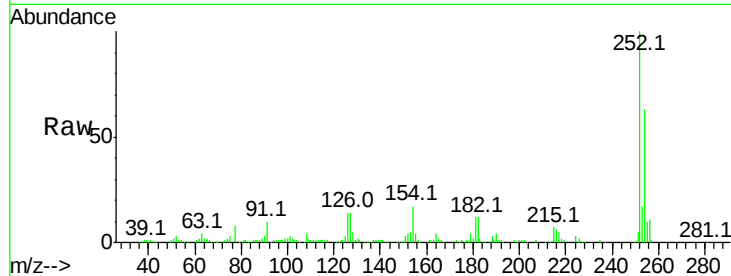
#81
 3,3'-Dichlorobenzidine
 Concen: 15.39 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

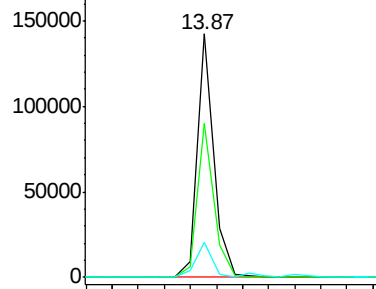
Tot Ion	Ratio	Resp	Lower	Upper
252	100	126434		
254	63.5	50.7	76.1	
126	14.1	11.8	17.6	

Manual Integrations
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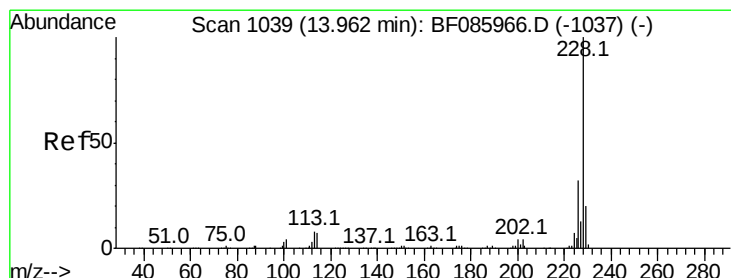
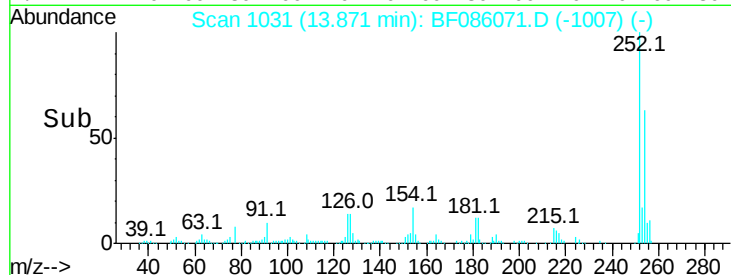
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

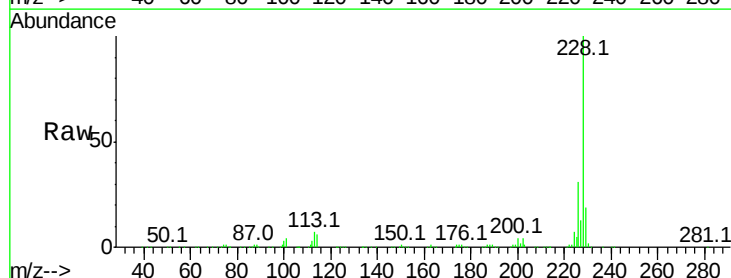


Time-->

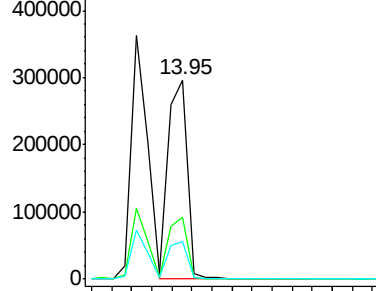


#82
 Chrysene
 Concen: 36.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

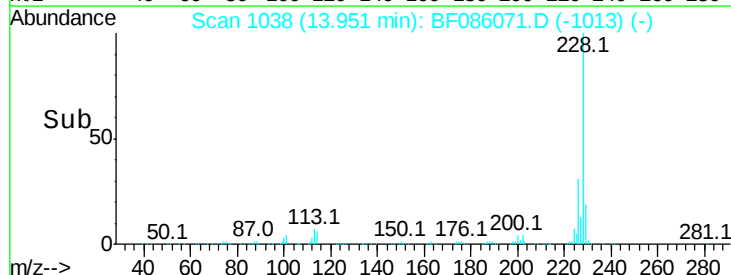
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	391837		
226	31.2	25.0	37.6	
229	19.1	15.7	23.5	

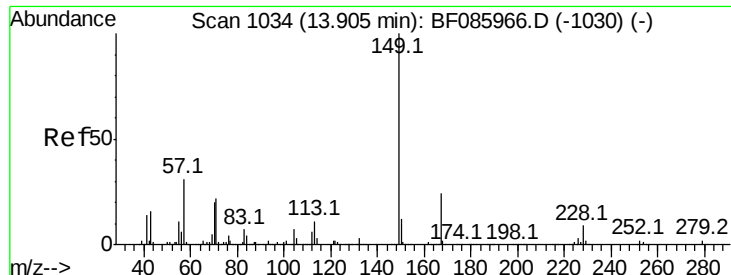


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.30 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

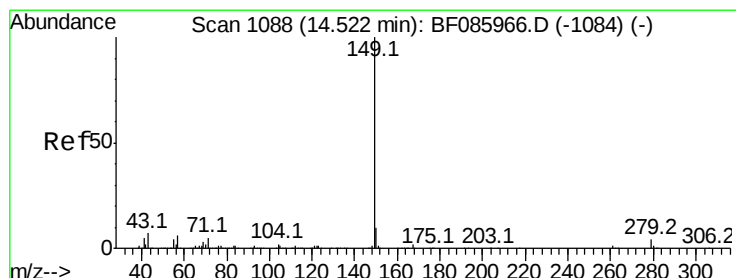
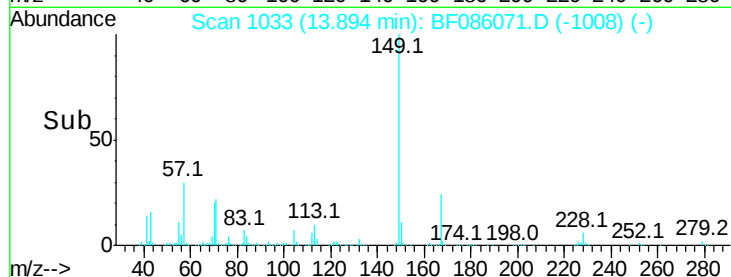
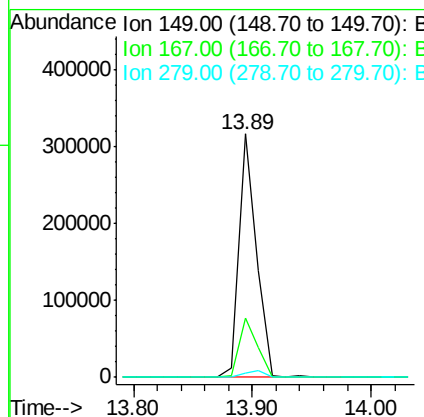
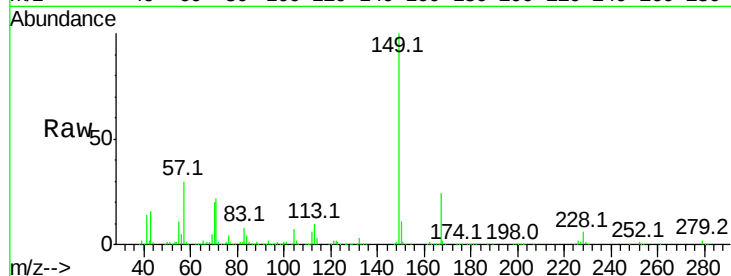
ClientSampleId :

PB89469BS

Tot Ion:	149	Resp:	323803
Ion Ratio		Lower	Upper
149	100		
167	24.3	19.4	29.2
279	1.9	1.5	2.3

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#84

Di-n-octyl phthalate

Concen: 46.19 ng

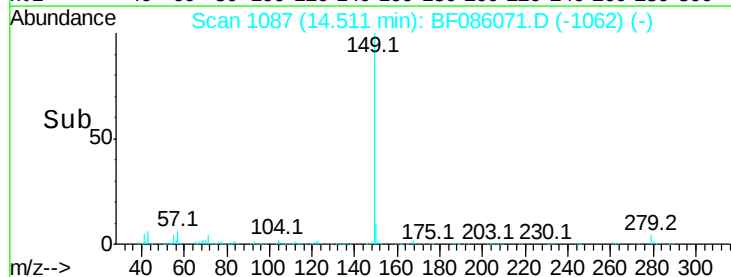
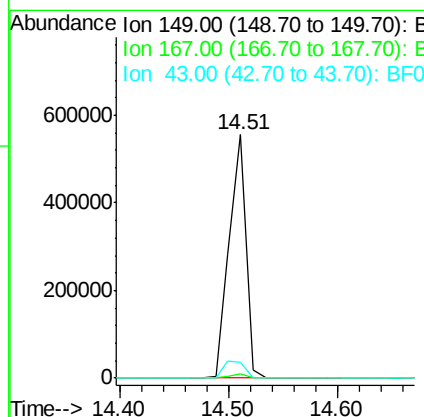
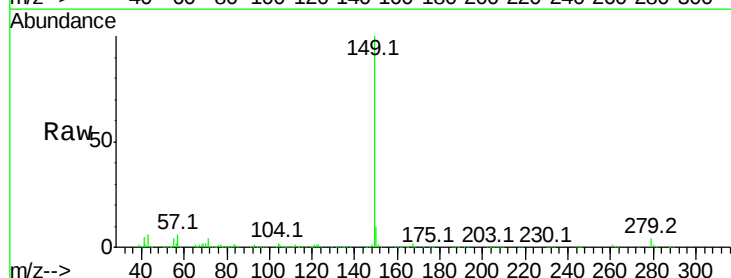
RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	149	Resp:	592733
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.10 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

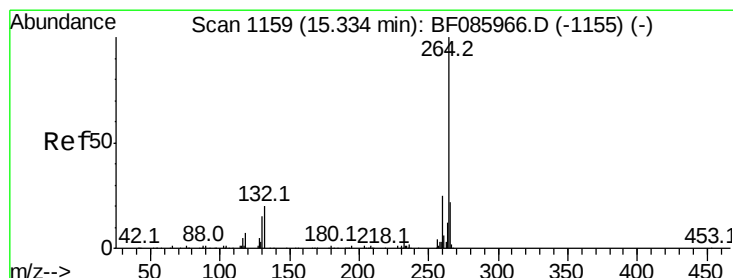
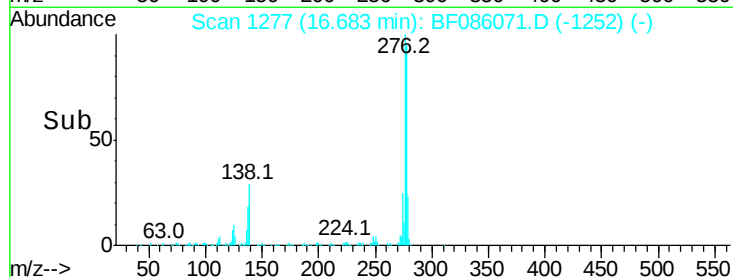
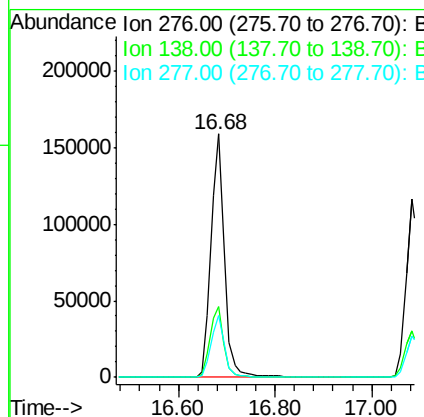
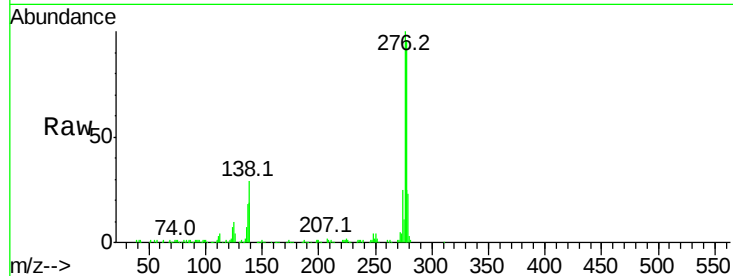
ClientSampleId :

PB89469BS

Tot Ion:	276	Resp:	317274
Ion Ratio	Lower	Upper	
276	100		
138	29.9	24.2	36.4
277	25.3	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

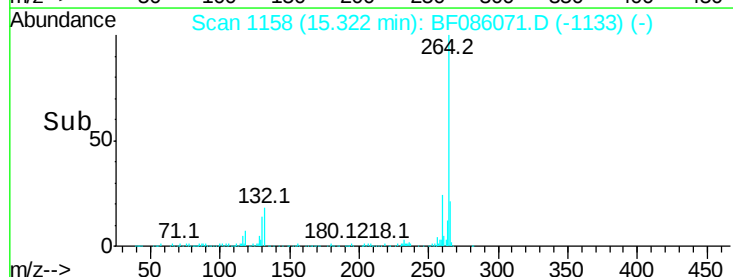
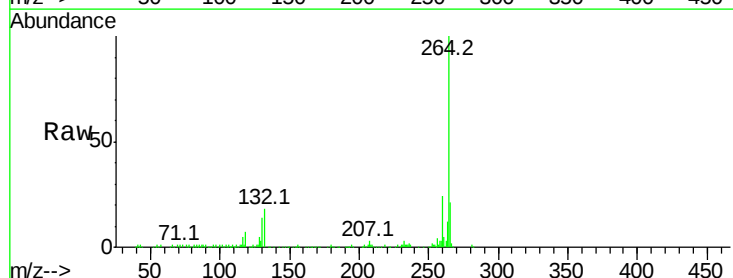
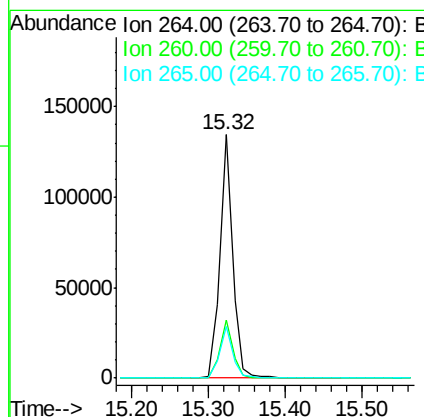
RT: 15.32 min Scan# 1158

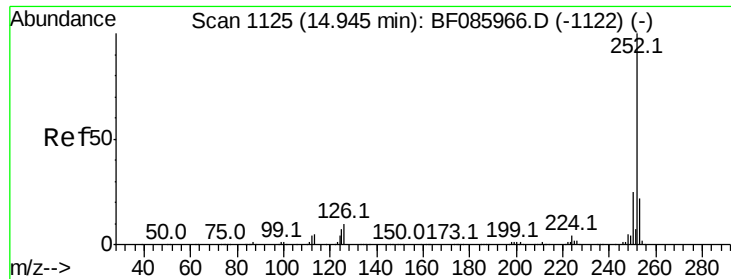
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	264	Resp:	157487
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.86 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Instrument :

BNA_F

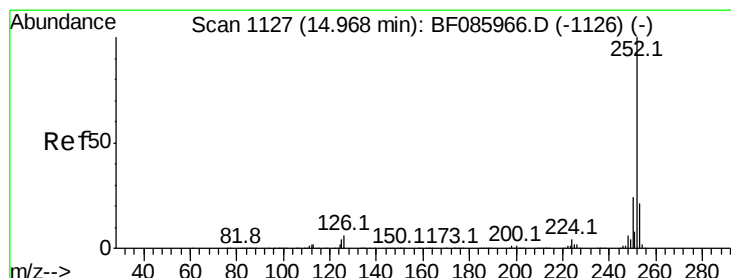
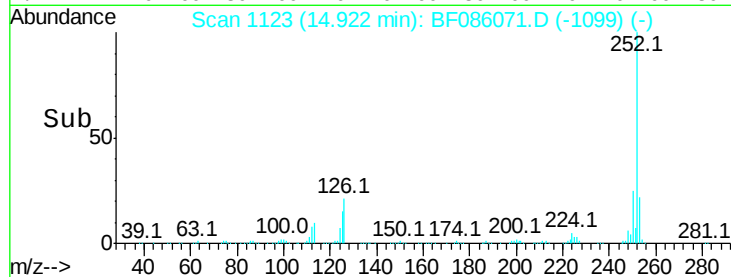
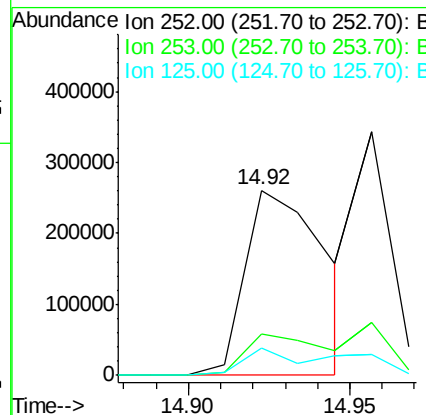
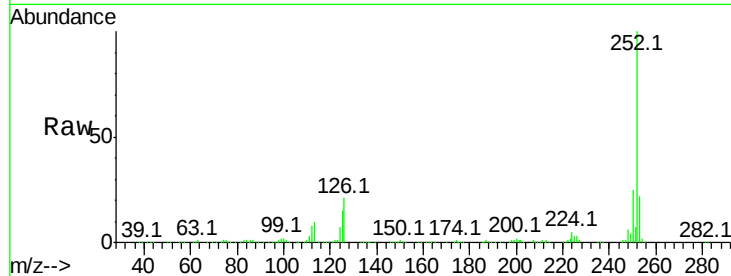
ClientSampleId :

PB89469BS

Tot Ion:	252	Resp:	454329
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	14.9	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 31.12 ng m

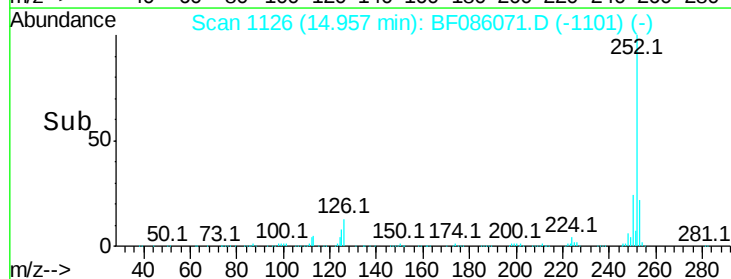
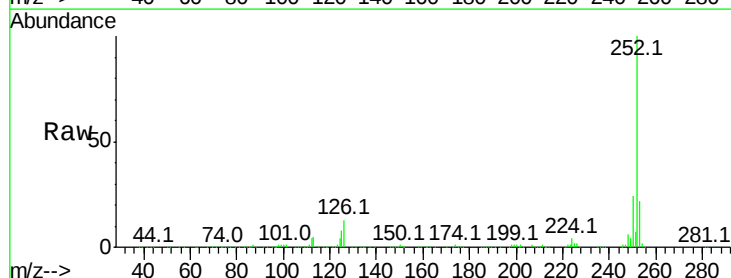
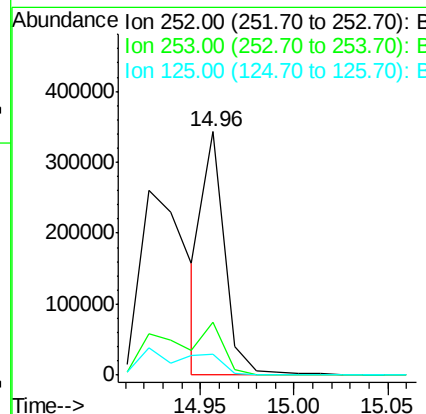
RT: 14.96 min Scan# 1126

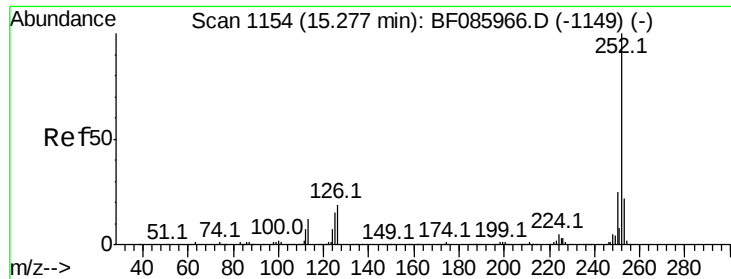
Delta R.T. -0.01 min

Lab File: BF086071.D

Acq: 5 Apr 2016 8:20

Tgt Ion:	252	Resp:	272999
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.4	7.7	11.5





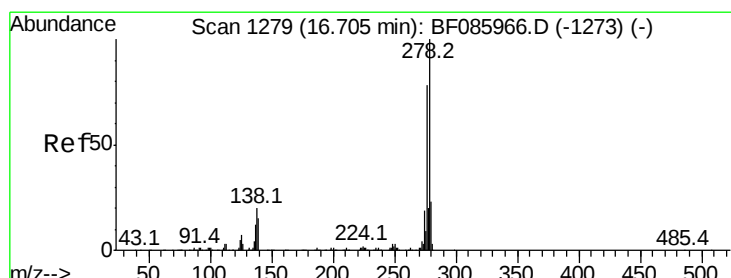
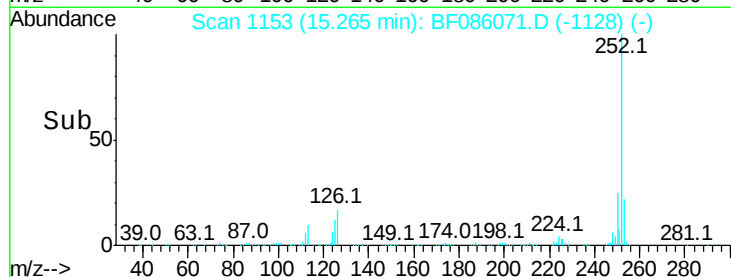
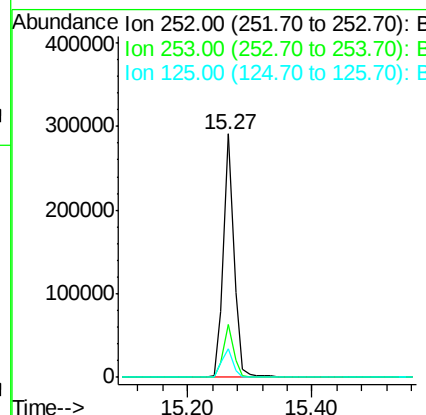
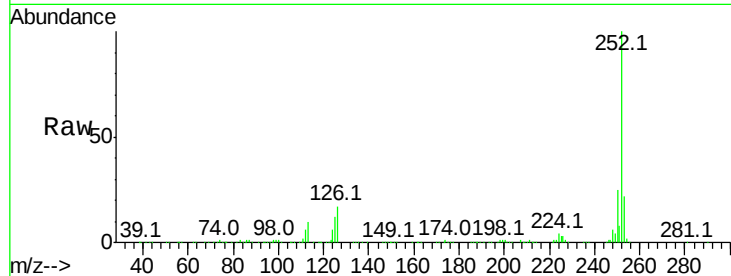
#89
Benzo(a)pyrene
Concen: 38.49 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.6	10.3	15.5

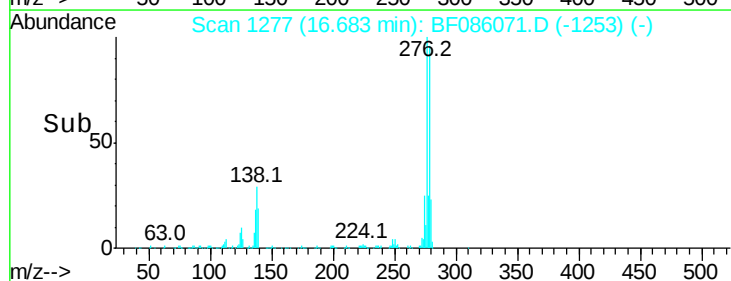
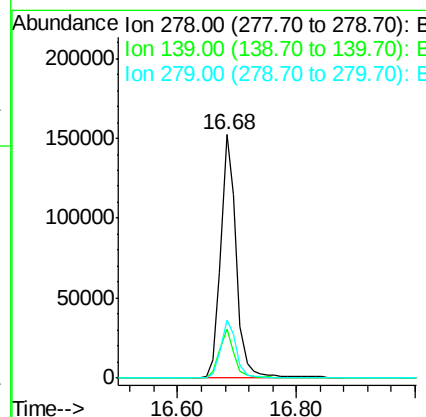
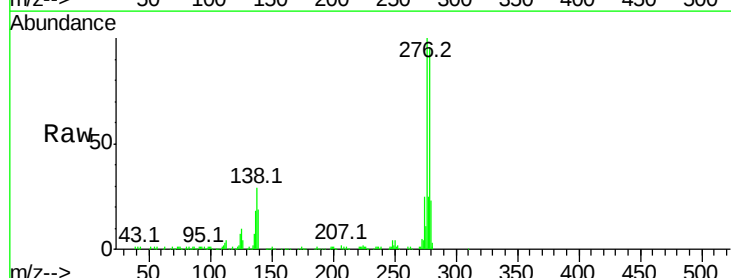
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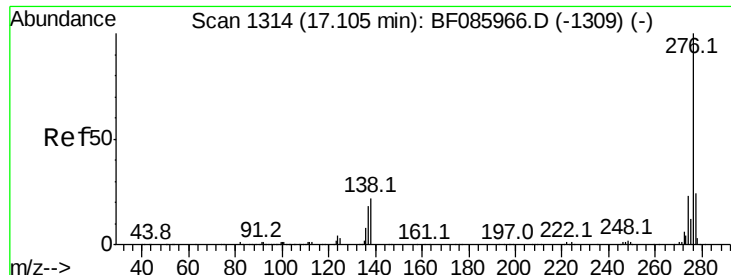
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.28 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086071.D
Acq: 5 Apr 2016 8:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.4	21.6
279	23.7	19.1	28.7





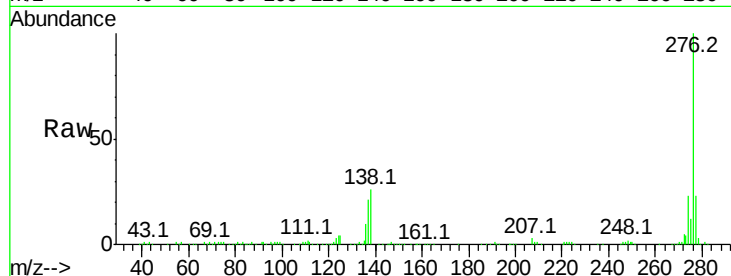
#91
 Benzo(a,h,i)perylene
 Concen: 36.48 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF086071.D
 Acq: 5 Apr 2016 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BS

Tot Ion:	276	Resp:	249344
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	25.8	22.6	34.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

