

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091084.D
 Acq On : 8 Nov 2016 16:13
 Operator : UM/SJ
 Sample : PB94597BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Manual Integrations
 APPROVED

umangi

11/9/2016 10:56:50 AM

Quant Time: Nov 09 01:25:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178795	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	773675	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	374530	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	615899	20.00	ng	0.00
75) Chrysene-d12	13.81	240	574229	20.00	ng	0.00
86) Perylene-d12	15.19	264	363525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1408030	130.06	ng	0.02
7) Phenol-d6	6.33	99	1683376	114.56	ng	0.01
23) Nitrobenzene-d5	7.23	82	1195530	84.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	481968	142.34	ng	0.01
44) 2-Fluorobiphenyl	9.04	172	2011137	92.45	ng	0.00
78) Terphenyl-d14	12.76	244	1749896	76.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	174813	28.23	ng	99
3) Pyridine	2.85	79	461429	31.85	ng	98
4) n-Nitrosodimethylamine	2.81	42	203963	35.59	ng	91
6) Aniline	6.34	93	98569	5.69	ng	# 1
8) 2-Chlorophenol	6.45	128	490497	37.98	ng	85
9) Benzaldehyde	6.21	77	55779	6.84	ng	93
10) Phenol	6.34	94	578469	35.57	ng	# 53
11) bis(2-Chloroethyl)ether	6.41	93	509361	37.17	ng	90
12) 1,3-Dichlorobenzene	6.60	146	504488	38.63	ng	98
13) 1,4-Dichlorobenzene	6.68	146	547727	39.09	ng	97
14) 1,2-Dichlorobenzene	6.83	146	501735	39.01	ng	98
15) Benzyl Alcohol	6.82	79	416375	40.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	721313	36.76	ng	95
17) 2-Methylphenol	6.94	107	430475	42.11	ng	97
18) Hexachloroethane	7.17	117	214933	39.63	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	437847	43.00	ng	94
20) 3+4-Methylphenols	7.09	107	560446	45.66	ng	# 82
22) Acetophenone	7.08	105	738386	41.45	ng	# 95
24) Nitrobenzene	7.25	77	593531	37.89	ng	95
25) Isophorone	7.49	82	1045850	38.27	ng	98
26) 2-Nitrophenol	7.57	139	290384	43.81	ng	# 78
27) 2,4-Dimethylphenol	7.62	122	434807	39.66	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	643503	43.10	ng	99
29) 2,4-Dichlorophenol	7.82	162	397975	41.60	ng	93
30) 1,2,4-Trichlorobenzene	7.89	180	429597	39.93	ng	99
31) Naphthalene	7.97	128	1528891	41.32	ng	100
32) Benzoic acid	7.74	122	100760	15.61	ng	98
33) 4-Chloroaniline	8.05	127	47083	3.06	ng	# 94
34) Hexachlorobutadiene	8.10	225	231725	39.91	ng	98
35) Caprolactam	8.40	113	76119m	25.32	ng	
36) 4-Chloro-3-methylphenol	8.53	107	464204	40.08	ng	97
37) 2-Methylnaphthalene	8.66	142	919171	38.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	413946	43.35	ng	99
40) Hexachlorocyclopentadiene	8.82	237	315306	84.69	ng	98

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Manual Integrations
 APPROVED

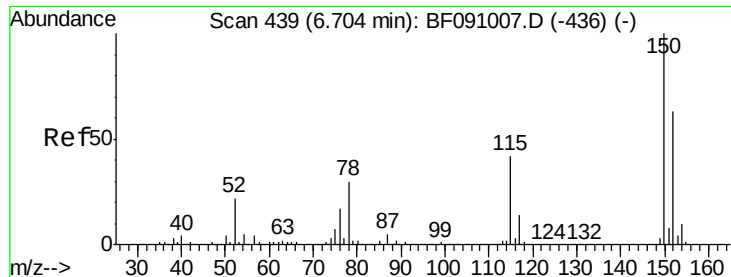
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Quant Time: Nov 09 01:25:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	263899	42.81	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	289187	44.68	nq	95
45) 1,1'-Biphenyl	9.13	154	1104073	40.37	nq	100
46) 2-Chloronaphthalene	9.15	162	852592	41.06	nq	100
47) 2-Nitroaniline	9.25	65	250664	32.53	nq	98
48) Acenaphthylene	9.56	152	1215398	37.56	nq	100
49) Dimethylphthalate	9.44	163	930814	37.90	nq	100
50) 2,6-Dinitrotoluene	9.50	165	206251	39.19	nq	# 43
51) Acenaphthene	9.73	154	750826	36.96	nq	99
52) 3-Nitroaniline	9.66	138	51452	8.24	nq	100
53) 2,4-Dinitrophenol	9.78	184	215162	75.44	nq	94
54) Dibenzofuran	9.90	168	1094140	40.01	nq	98
55) 4-Nitrophenol	9.85	139	242603	59.92	nq	91
56) 2,4-Dinitrotoluene	9.90	165	308421	46.06	nq	94
57) Fluorene	10.25	166	898060	40.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	247619	48.84	nq	92
59) Diethylphthalate	10.13	149	977811	38.83	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	449703	44.21	nq	96
61) 4-Nitroaniline	10.28	138	171706	27.20	nq	92
62) Azobenzene	10.40	77	1056378	35.64	nq	85
64) 4,6-Dinitro-2-methylphenol	10.32	198	153143	40.61	nq	99
65) n-Nitrosodiphenylamine	10.36	169	740513	37.83	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	266379	41.58	nq	93
67) Hexachlorobenzene	10.80	284	342636	48.49	nq	# 88
68) Atrazine	10.90	200	227242	40.24	nq	100
69) Pentachlorophenol	10.99	266	266513	85.16	nq	99
70) Phenanthrene	11.21	178	1446459	44.18	nq	99
71) Anthracene	11.25	178	1312524	37.71	nq	100
72) Carbazole	11.41	167	1214489	38.72	nq	99
73) Di-n-butylphthalate	11.76	149	1648751	41.79	nq	100
74) Fluoranthene	12.39	202	1318497	38.83	nq	97
77) Pyrene	12.61	202	1446054	38.45	nq	100
79) Butylbenzylphthalate	13.24	149	418454	23.26	nq	# 82
80) Benzo(a)anthracene	13.80	228	1210368	37.12	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	25896	2.26	nq	# 97
82) Chrysene	13.84	228	1170141	36.40	nq	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	862898	35.45	nq	# 98
84) Di-n-octyl phthalate	14.42	149	1539583	38.47	nq	98
85) Indeno(1,2,3-cd)pyrene	16.48	276	937986	35.17	nq	99
87) Benzo(b)fluoranthene	14.81	252	1109182m	44.99	nq	
88) Benzo(k)fluoranthene	14.83	252	916108m	42.36	nq	
89) Benzo(a)pyrene	15.13	252	861794	40.15	nq	# 95
90) Dibenzo(a,h)anthracene	16.49	278	802931	43.27	nq	97
91) Benzo(g,h,i)perylene	16.85	276	708451	42.22	nq	100

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

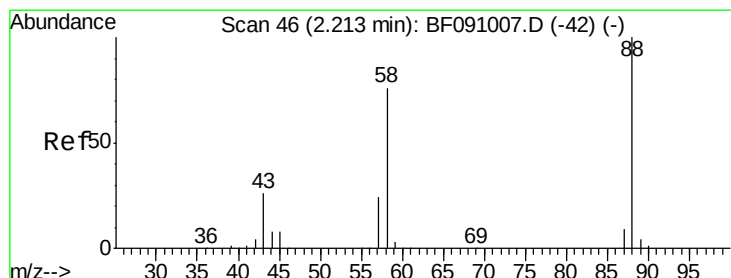
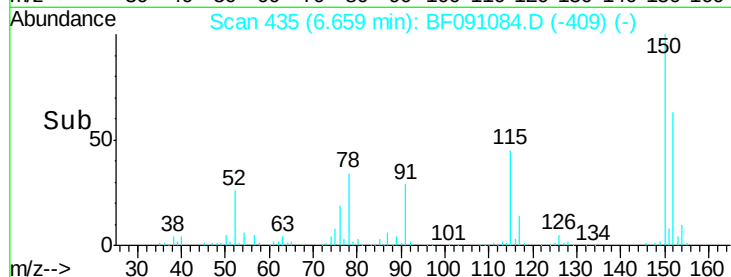
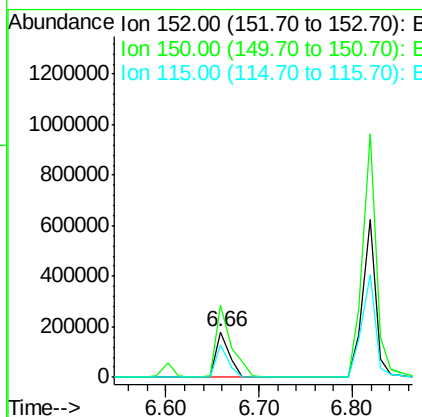
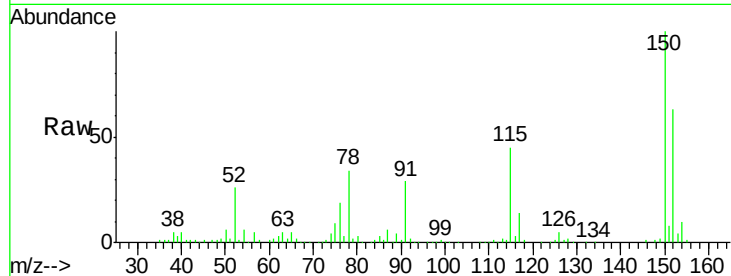
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.8	190.2
115	71.8	53.3	79.9

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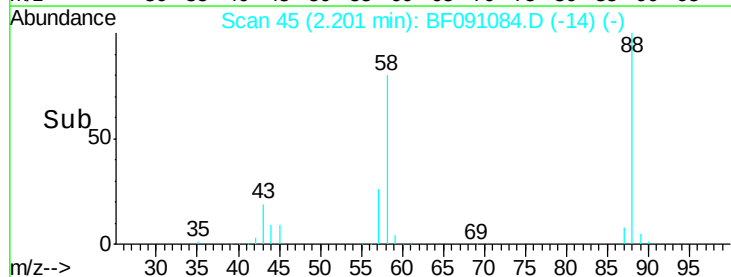
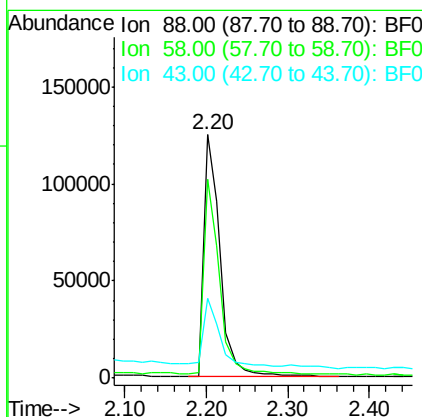
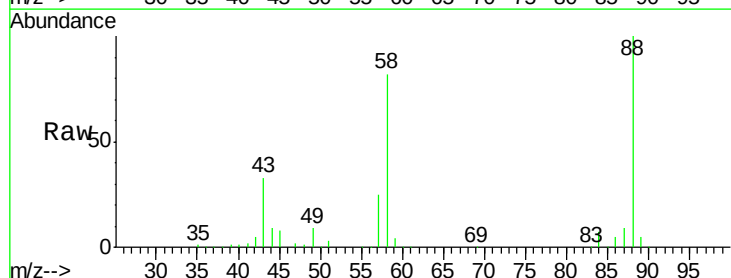
11/9/2016 10:56:50 AM

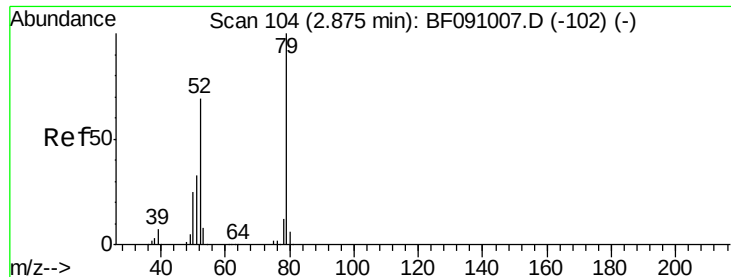


#2

1,4-Dioxane
Concen: 28.23 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	63.8	95.6
43	26.5	22.6	33.8





#3

Pvridine

Concen: 31.85 ng

RT: 2.85 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

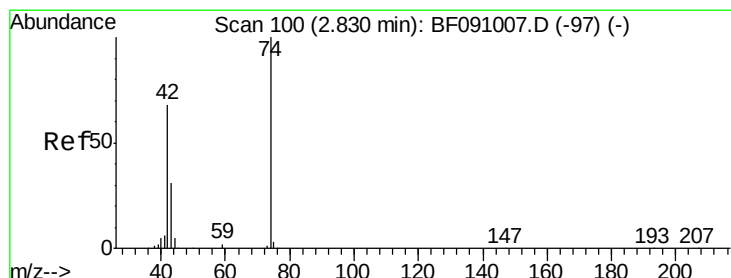
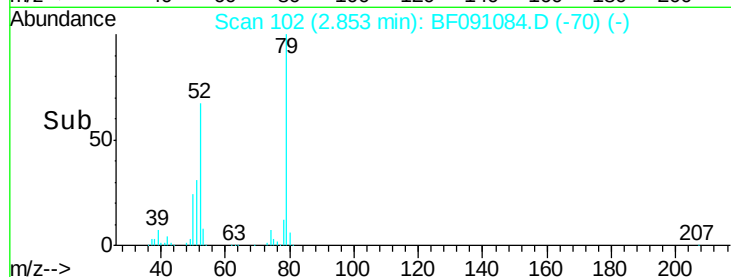
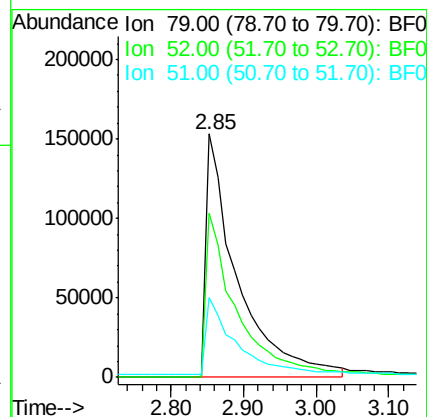
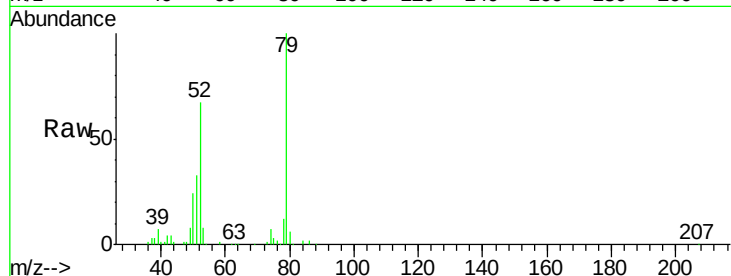
PB94597BSD

Tot Ion:	79	Resp:	461429
Ion	Ratio	Lower	Upper
79	100		
52	67.3	55.4	83.0
51	32.7	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 35.59 ng

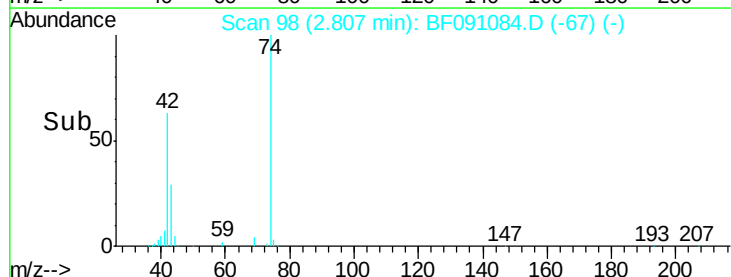
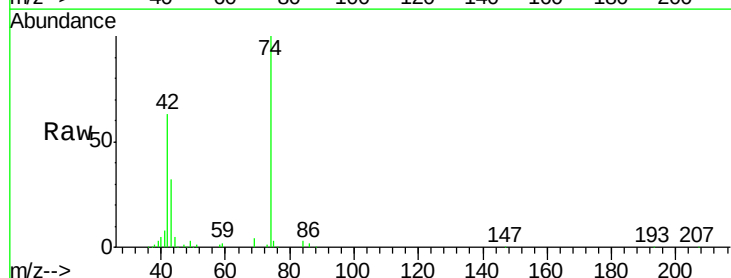
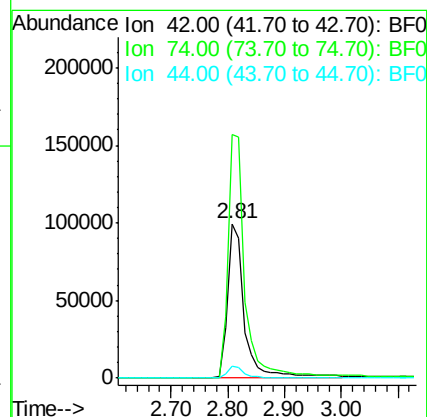
RT: 2.81 min Scan# 98

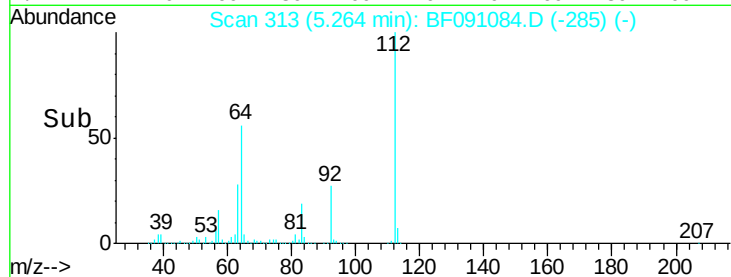
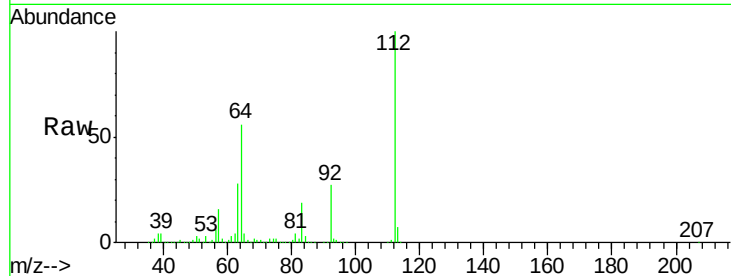
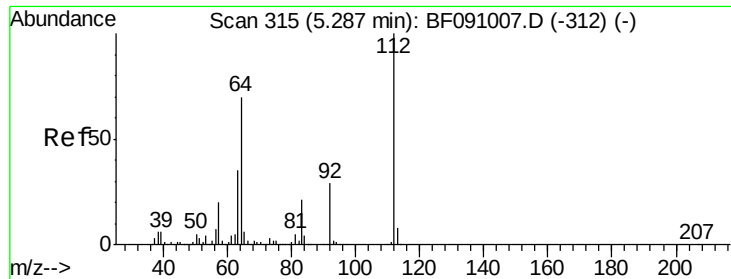
Delta R.T. 0.06 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Tgt Ion:	42	Resp:	203963
Ion	Ratio	Lower	Upper
42	100		
74	157.9	117.3	175.9
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 130.06 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

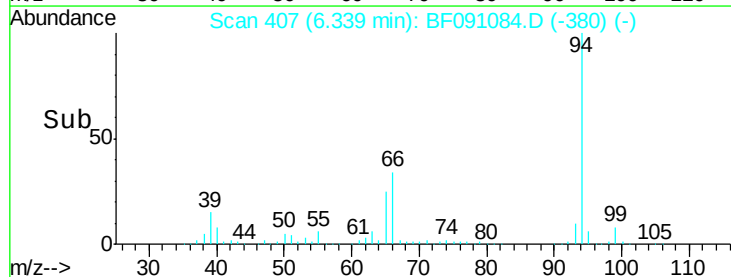
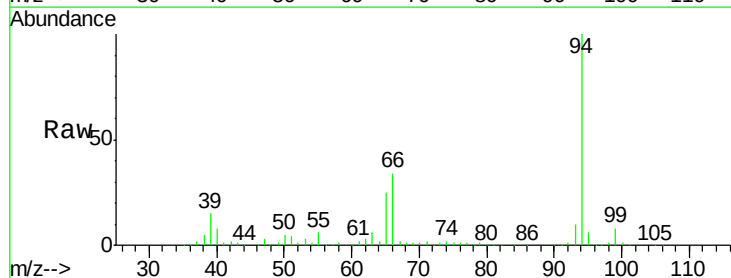
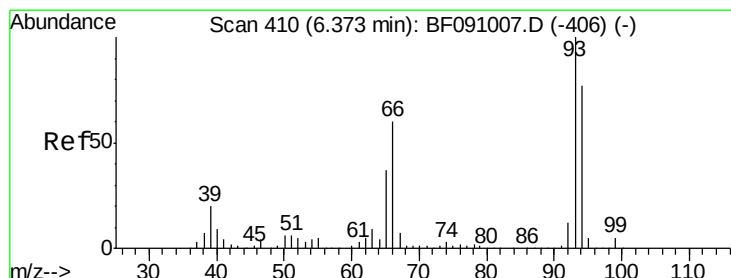
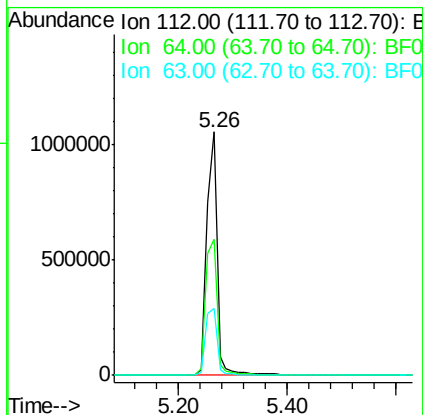
Tot Ion:	112	Resp:	1408030
Ion Ratio	Lower	Upper	
112	100		
64	55.8	55.8	83.6
63	27.7	28.0	42.0#

Instrument :
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ClientSampled :
PB94597BSD

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#6

Aniline

Concen: 5.69 ng

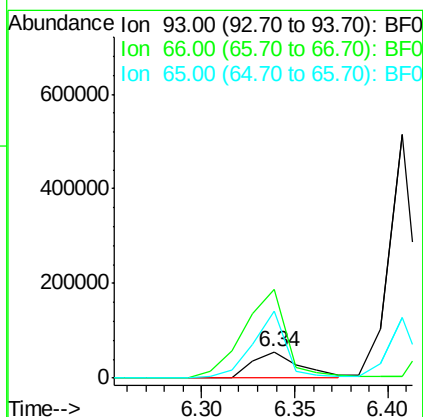
RT: 6.34 min Scan# 407

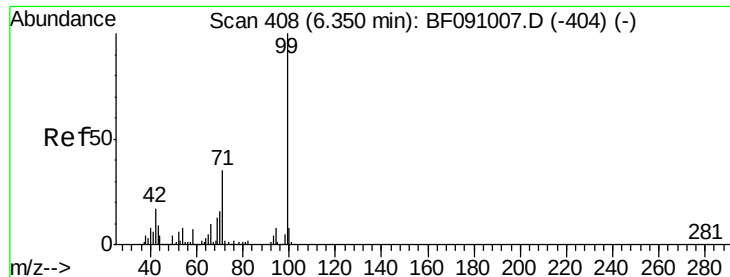
Delta R.T. 0.01 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Tgt Ion:	93	Resp:	98569
Ion Ratio	Lower	Upper	
93	100		
66	338.8	48.2	72.2#
65	253.9	29.4	44.0#





#7

Phenol-d6

Concen: 114.56 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94597BSD

Tot Ion: 99 Resp: 1683376

Ion Ratio Lower Upper

99 100

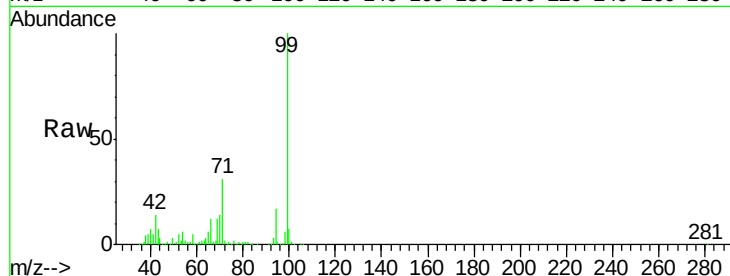
42 14.0 13.9 20.9

71 31.2 27.8 41.8

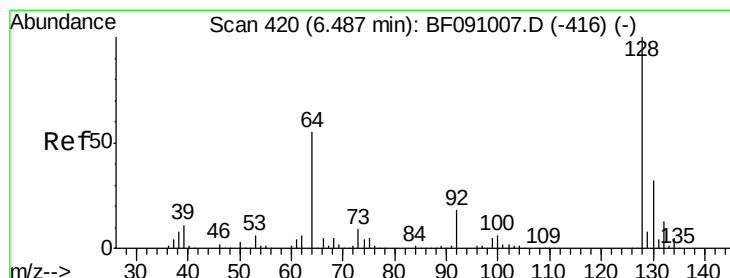
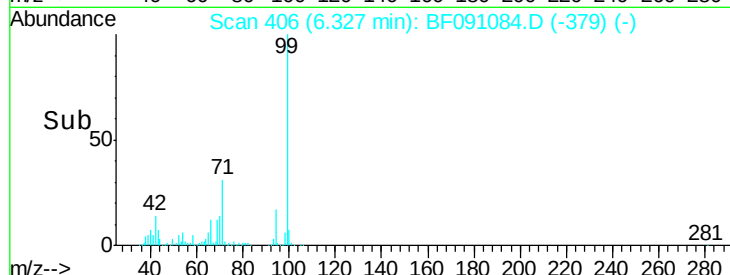
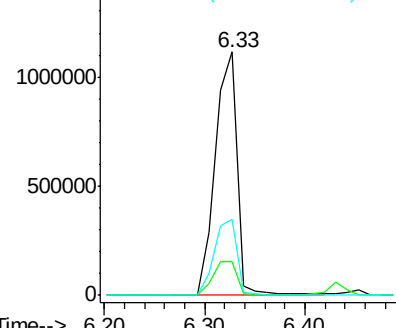
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.98 ng

RT: 6.45 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

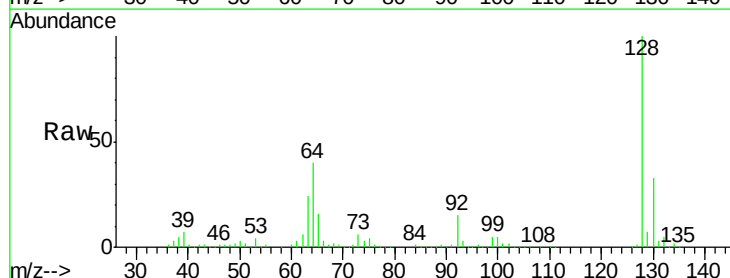
Tgt Ion: 128 Resp: 490497

Ion Ratio Lower Upper

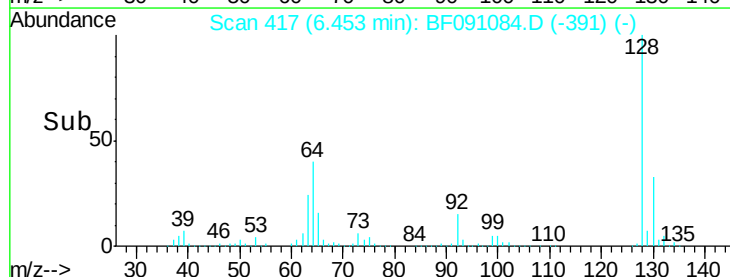
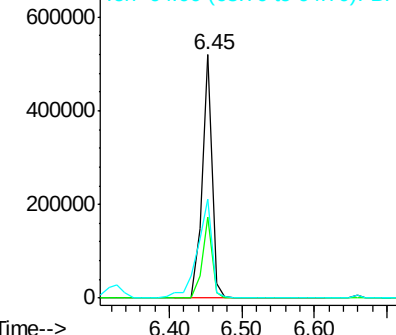
128 100

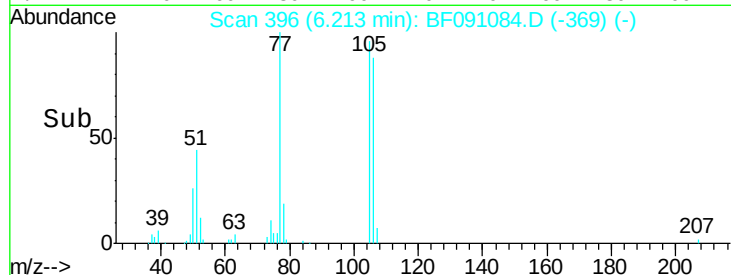
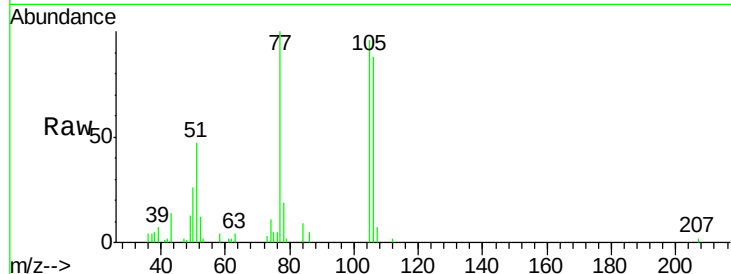
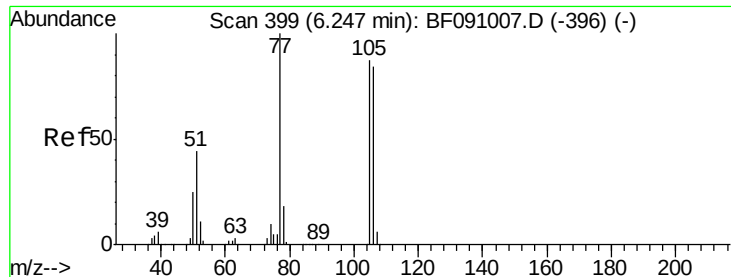
130 33.1 12.0 52.0

64 40.4 37.2 77.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9
Benzaldehyde
Concen: 6.84 ng
RT: 6.21 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

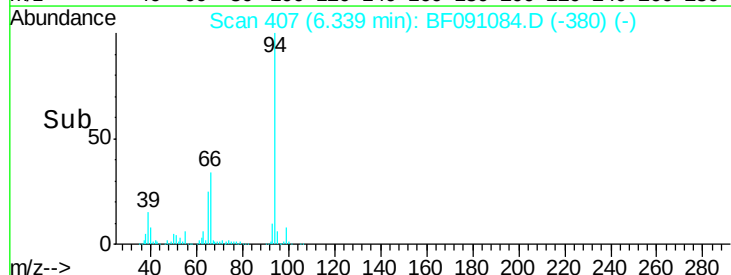
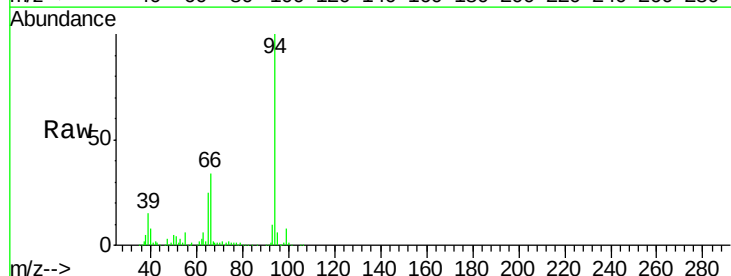
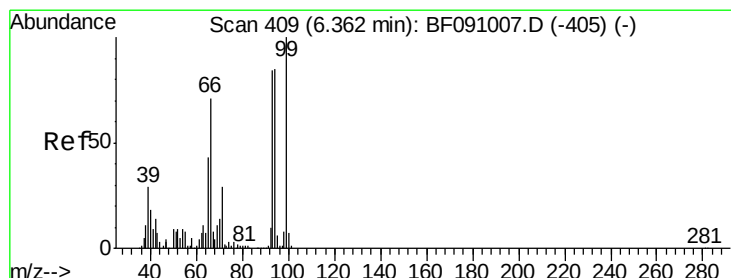
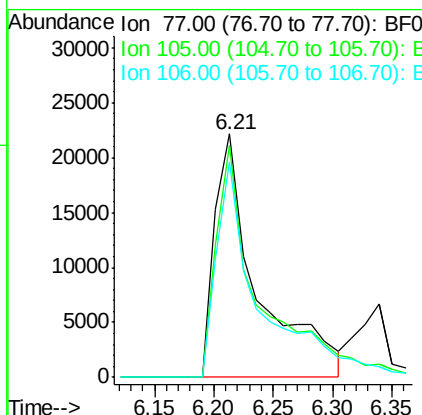
Tot Ion:	77	Resp:	55779
Ion	Ratio	Lower	Upper
77	100		
105	95.6	66.8	106.8
106	88.2	64.0	104.0

Instrument :
BNA_F
ClientSampleId :
PB94597BSD

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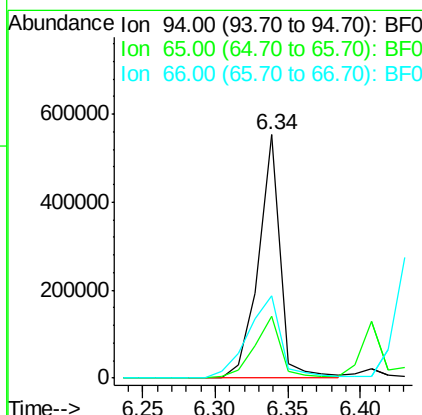
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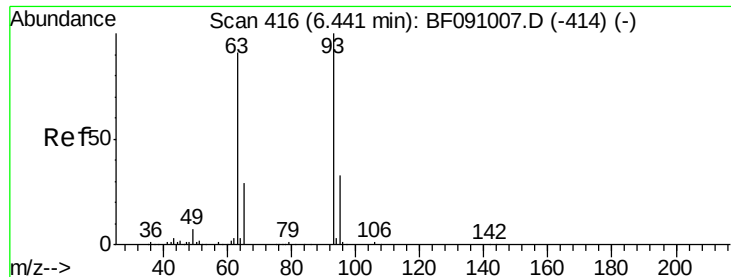
11/9/2016 10:56:50 AM



#10
Phenol
Concen: 35.57 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.01 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:	94	Resp:	578469
Ion	Ratio	Lower	Upper
94	100		
65	25.5	30.4	70.4#
66	34.0	62.9	102.9#





#11
bis(2-Chloroethyl)ether
Concen: 37.17 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

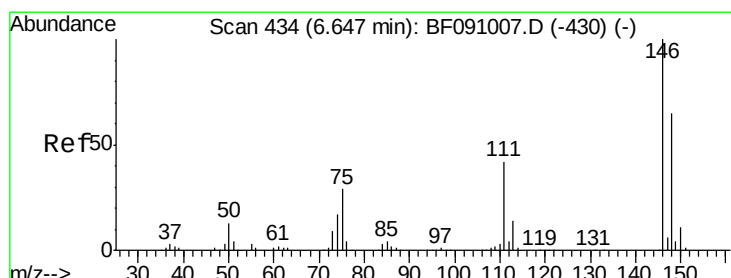
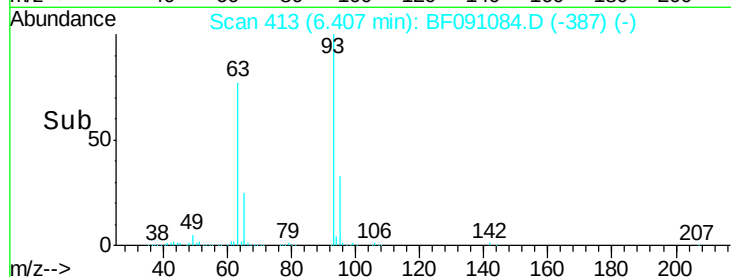
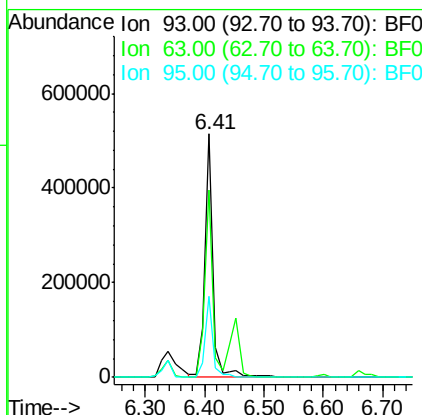
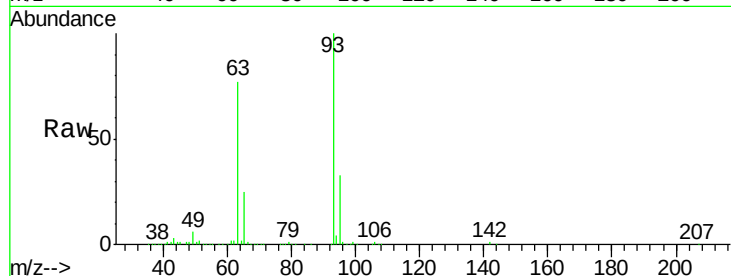
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion:	93	Resp:	509361
Ion Ratio	Lower	Upper	
93	100		
63	77.0	68.9	108.9
95	33.4	12.3	52.3

Manual Integrations
APPROVED

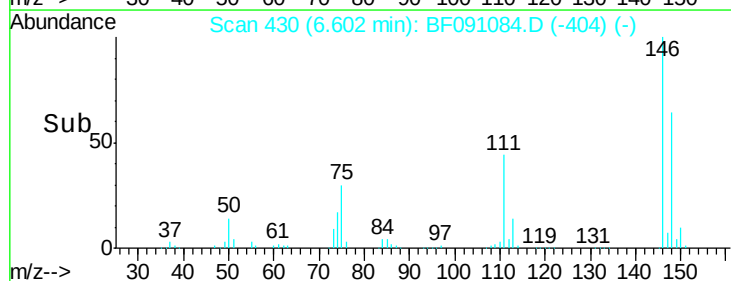
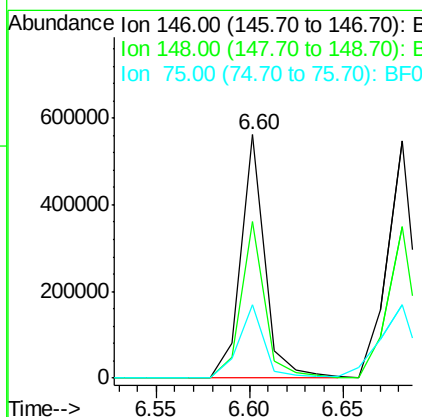
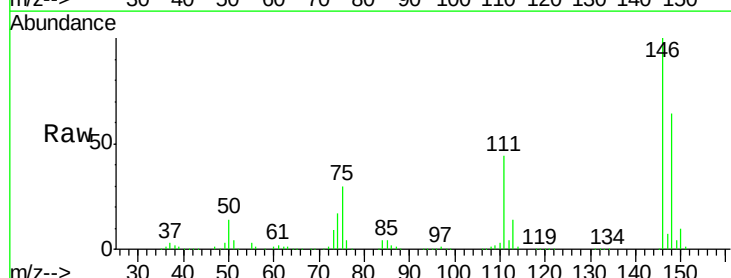
umangi

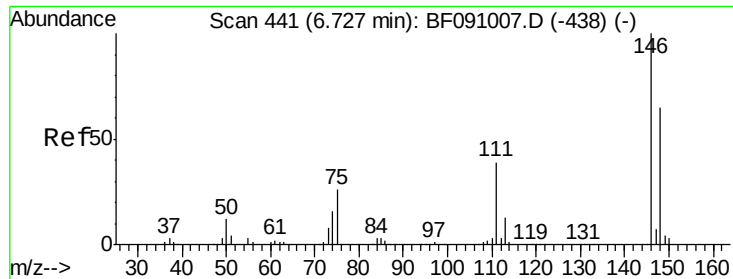
11/9/2016 10:56:50 AM



#12
1,3-Dichlorobenzene
Concen: 38.63 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:	146	Resp:	504488
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.0	78.0
75	30.2	23.0	34.6





#13
1,4-Dichlorobenzene
Concen: 39.09 ng
RT: 6.68 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

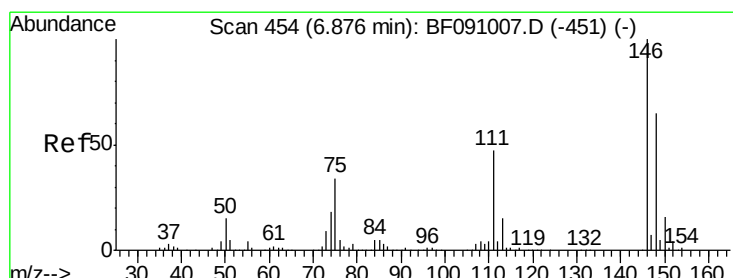
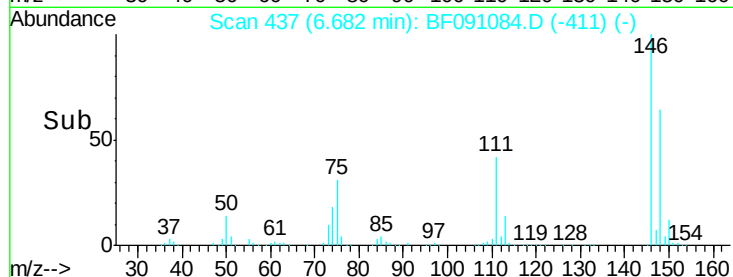
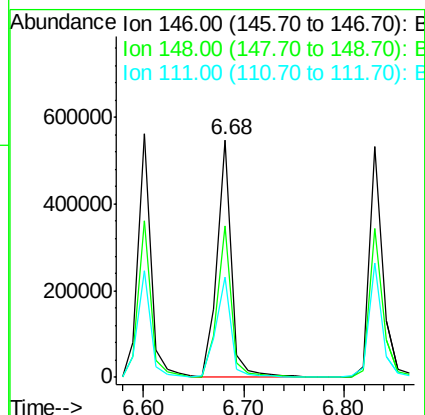
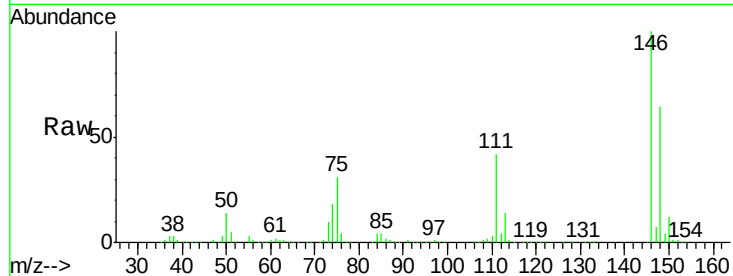
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
111	42.2	31.6	47.4

Manual Integrations
APPROVED

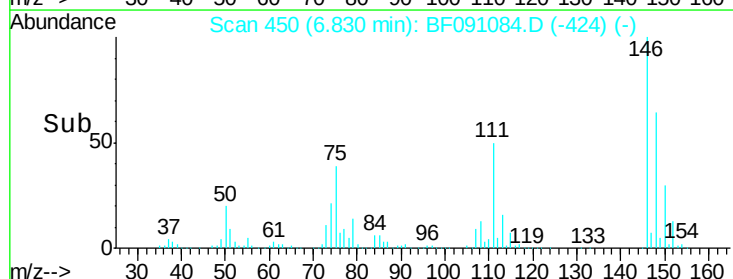
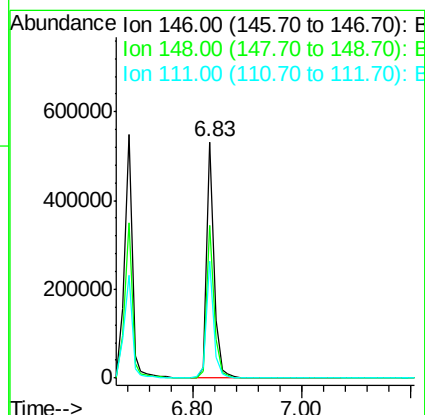
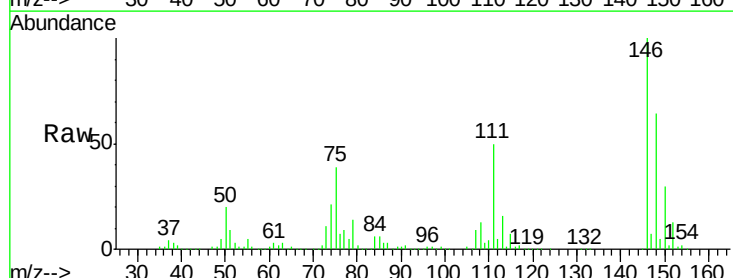
umangi

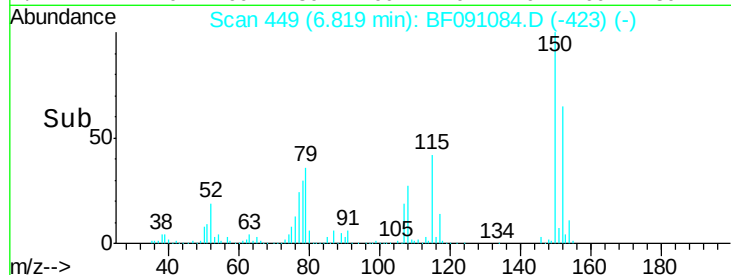
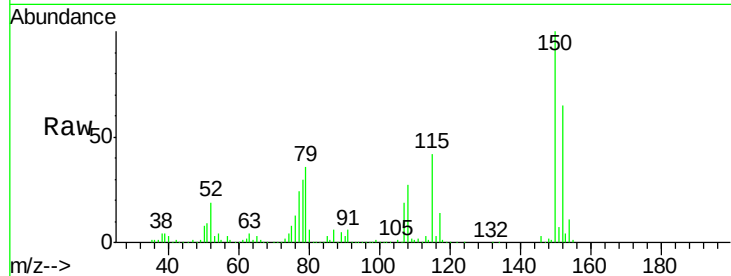
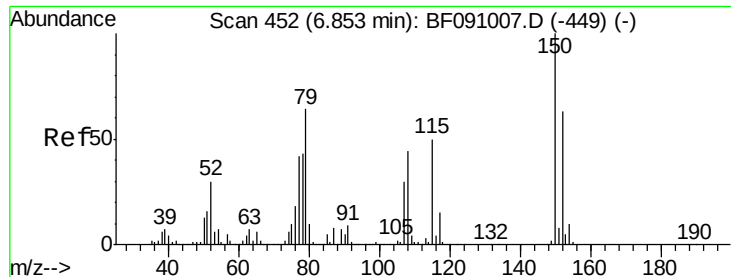
11/9/2016 10:56:50 AM



#14
1,2-Dichlorobenzene
Concen: 39.01 ng
RT: 6.83 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	49.6	37.3	55.9





#15
Benzyl Alcohol
Concen: 40.17 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

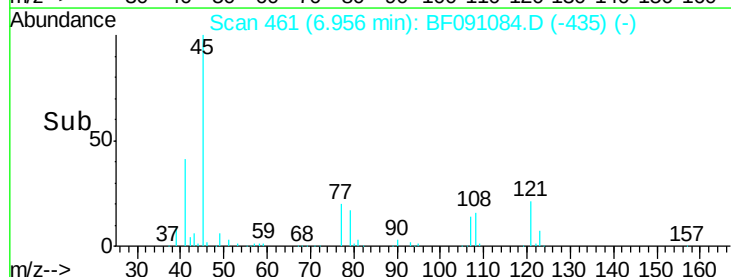
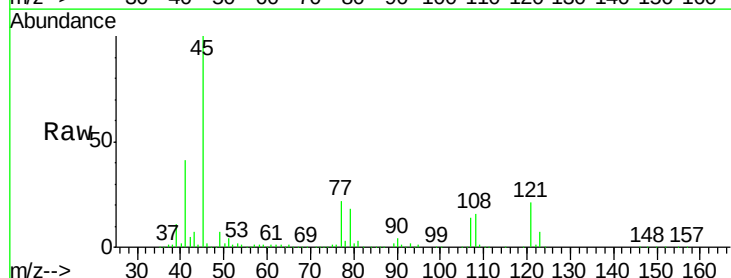
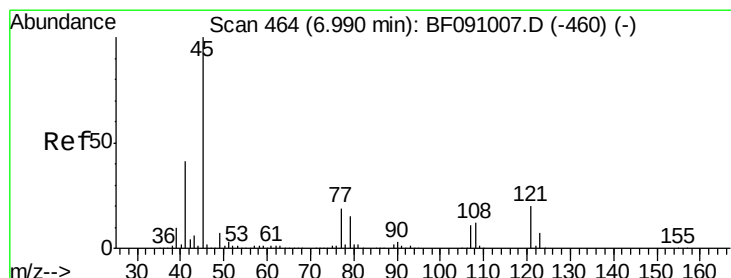
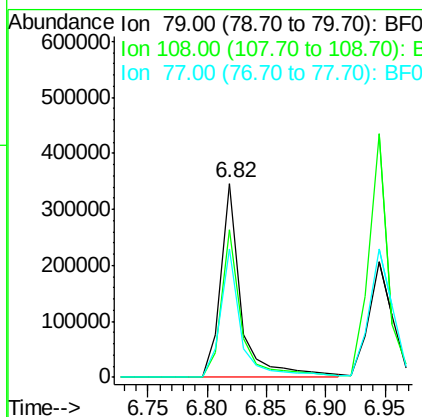
Tot Ion:	79	Resp:	416375
Ion Ratio	Lower	Upper	
79	100		
108	76.1	55.7	83.5
77	66.0	52.6	79.0

Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Manual Integrations
APPROVED

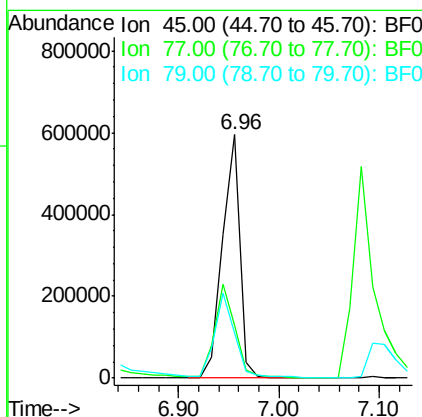
umangi

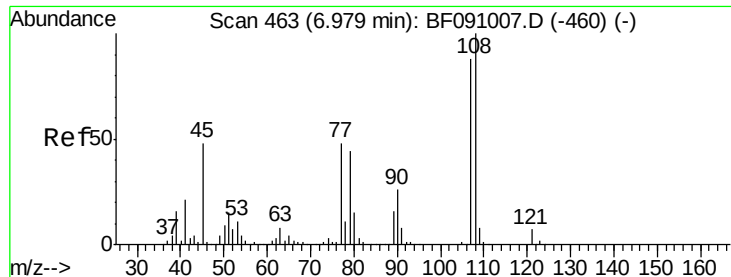
11/9/2016 10:56:50 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.76 ng
RT: 6.96 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:	45	Resp:	721313
Ion Ratio	Lower	Upper	
45	100		
77	21.8	0.0	39.6
79	18.4	0.0	35.9





#17

2-Methylphenol

Concen: 42.11 ng

RT: 6.94 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

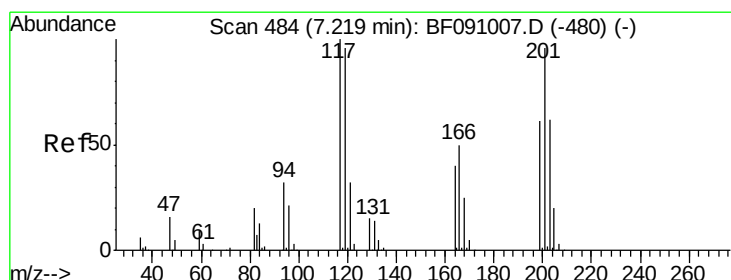
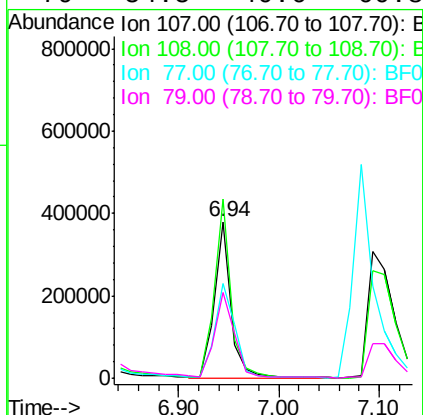
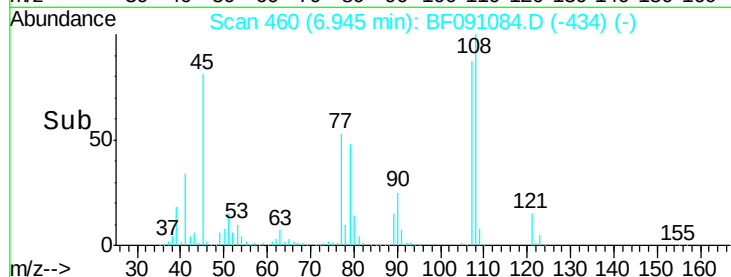
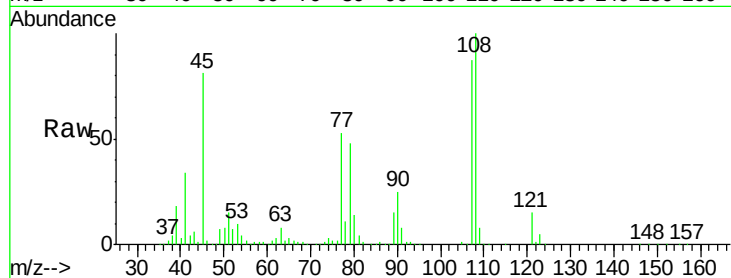
PB94597BSD

Tot Ion:	107	Resp:	430475
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.0	136.6
77	60.3	43.8	65.8
79	54.5	40.6	60.8

Manual Integrations
APPROVED

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#18

Hexachloroethane

Concen: 39.63 ng

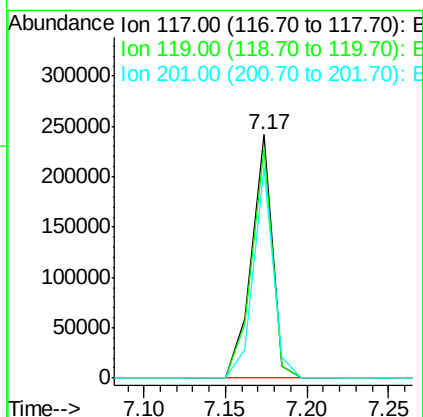
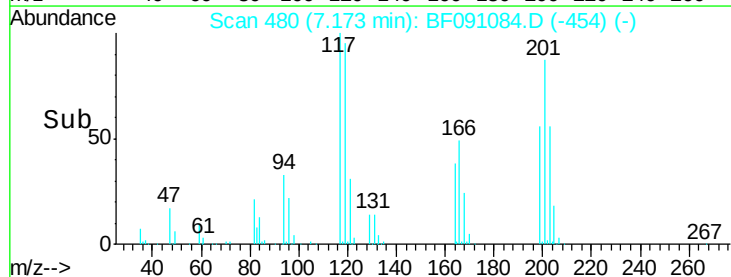
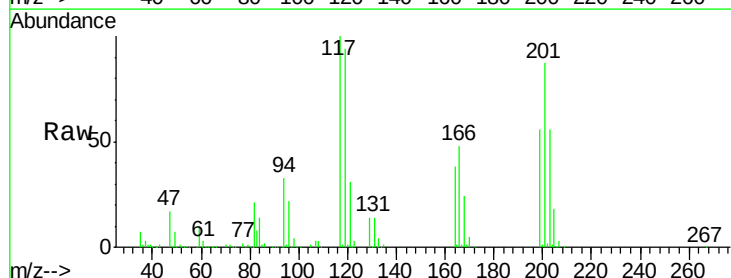
RT: 7.17 min Scan# 480

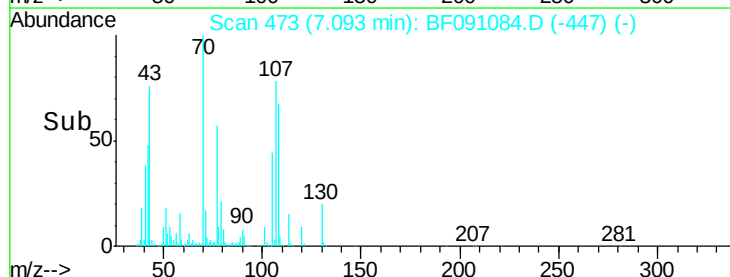
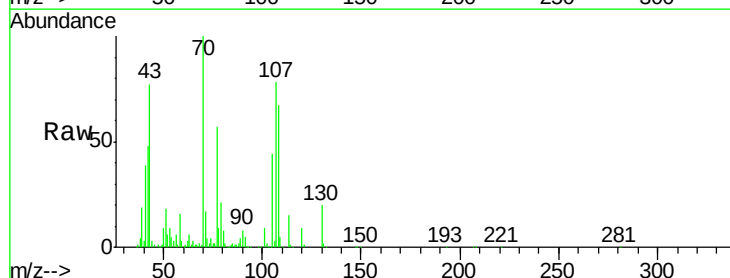
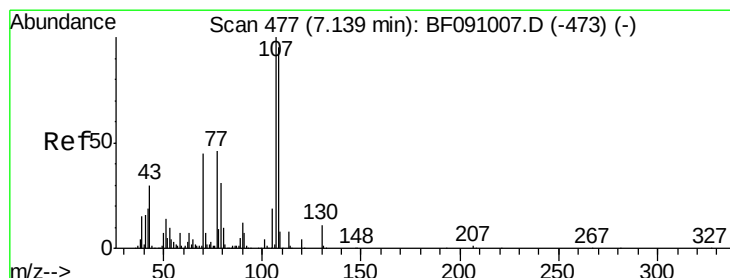
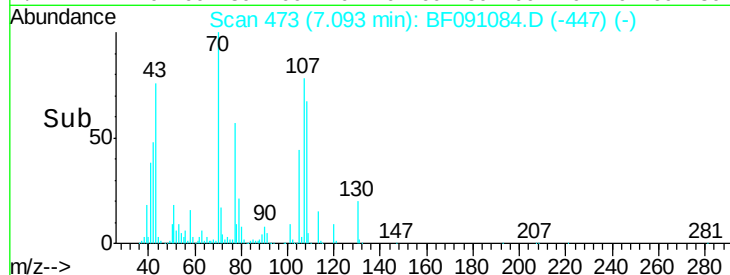
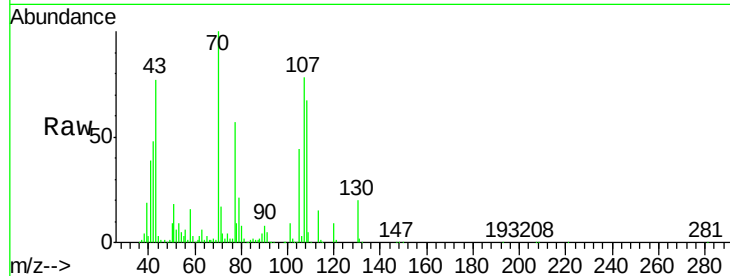
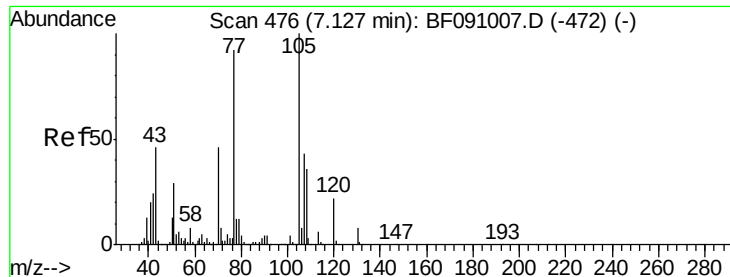
Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

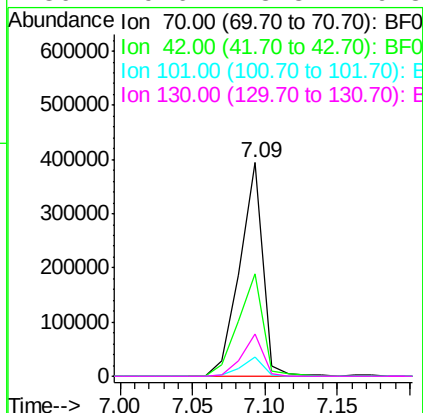
Tgt Ion:	117	Resp:	214933
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.6	115.0
201	86.5	77.1	115.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.00 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.8	41.7	62.5	
101	9.2	6.7	10.1	
130	19.6	13.8	20.8	



Instrument :
BNA_F
ClientSampleId :
PB94597BSD

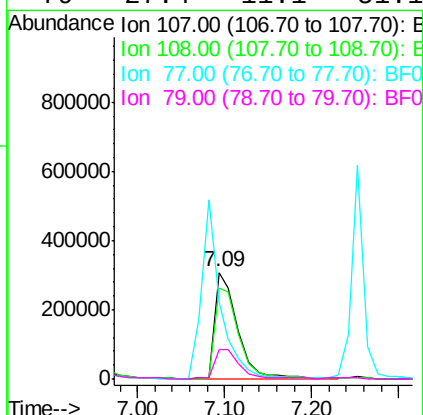
Manual Integrations
APPROVED

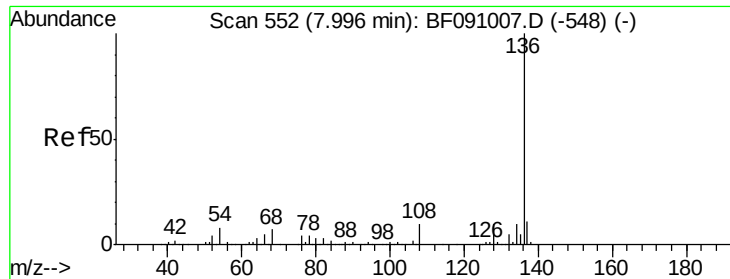
umangi

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#20
3+4-Methylphenols
Concen: 45.66 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	75.5	115.5	
77	72.5	26.4	66.4	
79	27.4	11.1	51.1	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

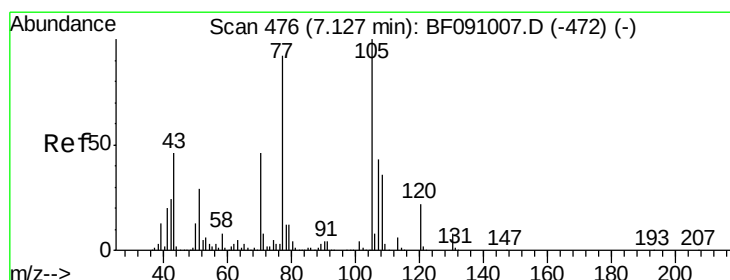
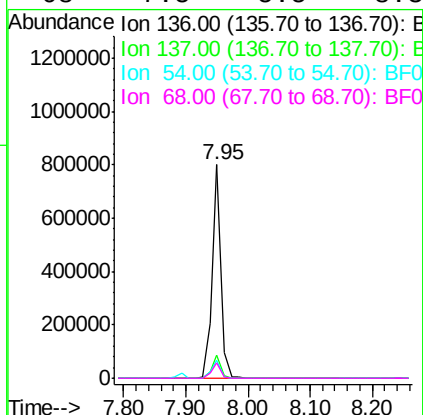
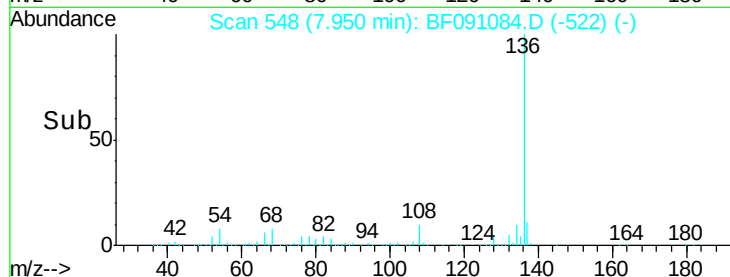
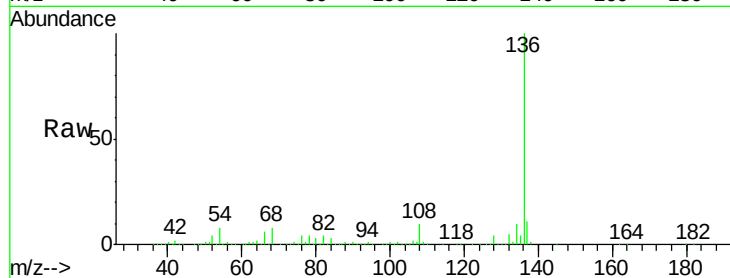
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	773675		
137	11.0		8.9	13.3
54	8.4		6.2	9.2
68	7.5		5.5	8.3

Manual Integrations
APPROVED

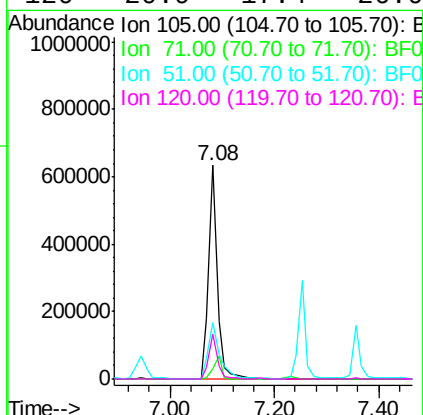
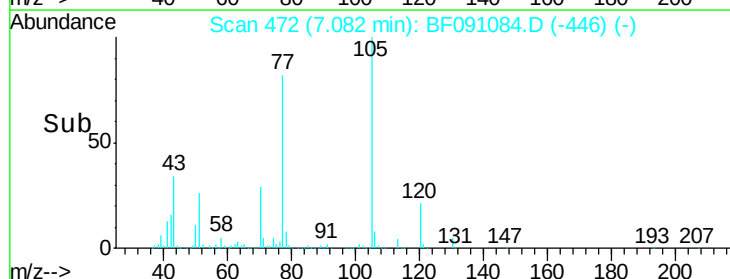
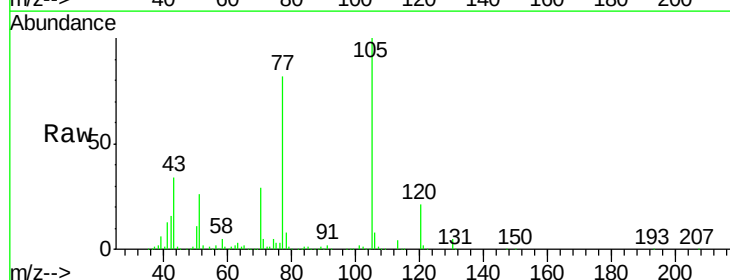
umangi

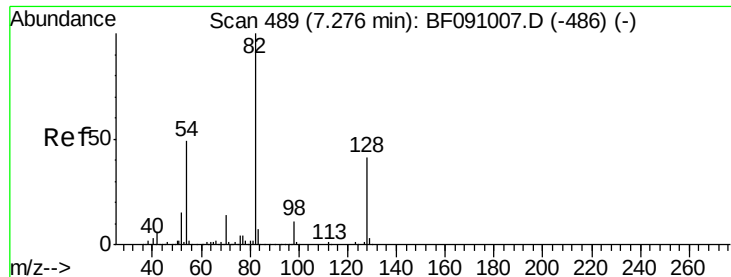
11/9/2016 10:56:50 AM



#22
Acetophenone
Concen: 41.45 ng
RT: 7.08 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	738386		
71	4.9		6.2	9.2#
51	26.1		23.3	34.9
120	20.9		17.4	26.0





#23
 Nitrobenzene-d5
 Concen: 84.29 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

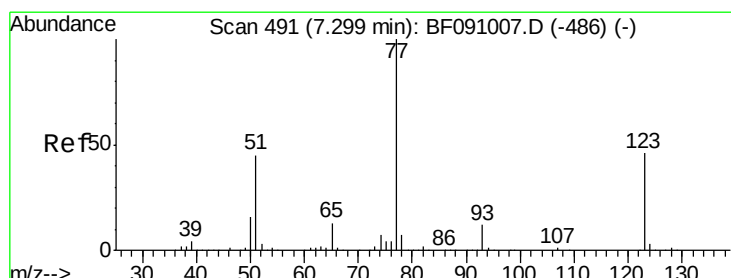
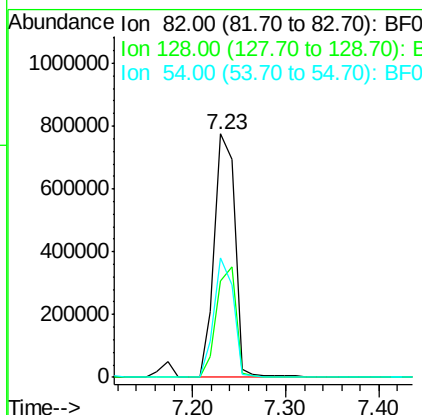
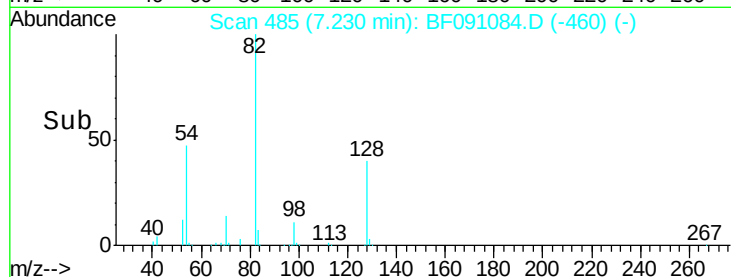
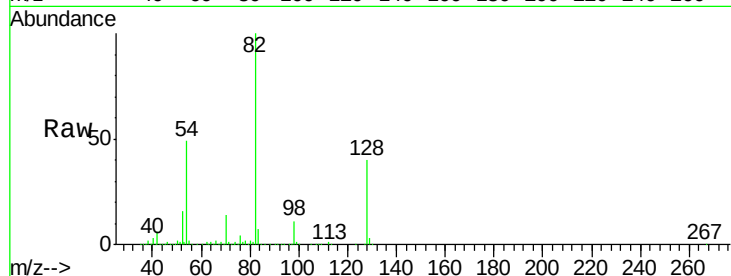
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion	82	Resp	1195530
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.4	48.6
54	49.2	39.2	58.8

Manual Integrations
 APPROVED

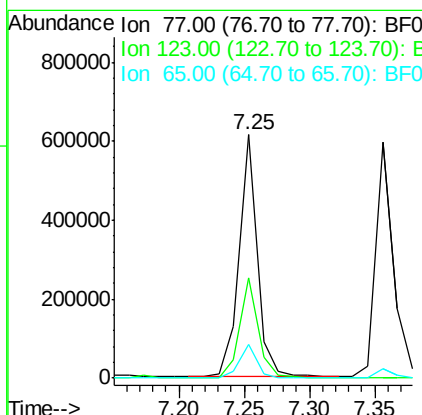
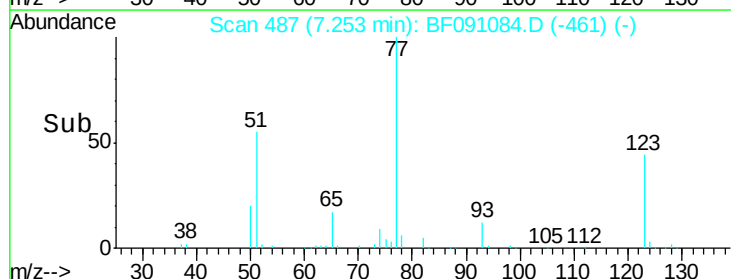
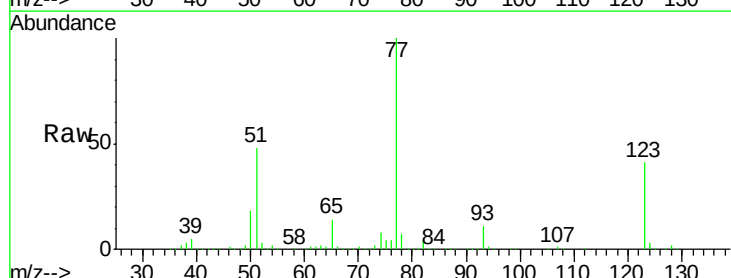
umangi

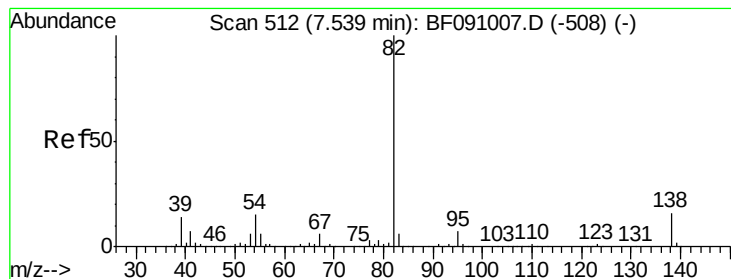
11/9/2016 10:56:50 AM



#24
 Nitrobenzene
 Concen: 37.89 ng
 RT: 7.25 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion	77	Resp	593531
Ion	Ratio	Lower	Upper
77	100		
123	41.4	36.5	54.7
65	13.9	10.7	16.1





#25

Isophorone

Concen: 38.27 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94597BSD

Tot Ion: 82 Resp: 1045850

Ion Ratio Lower Upper

82 100

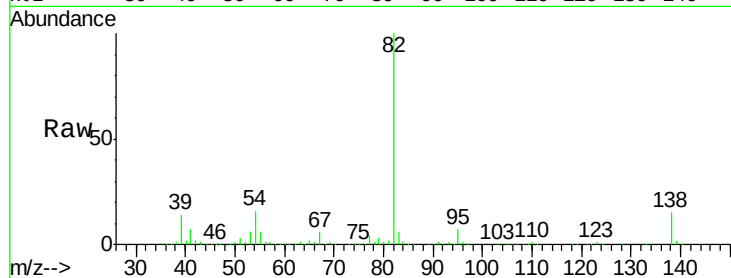
95 6.6 5.4 8.0

138 15.1 13.0 19.4

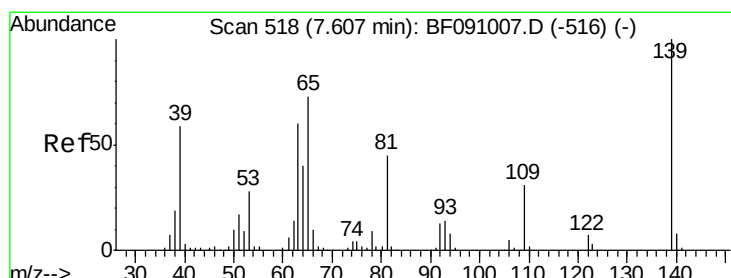
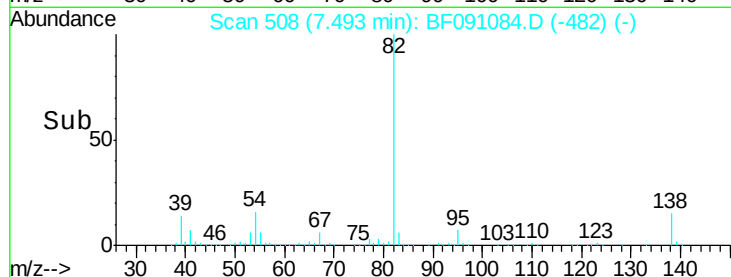
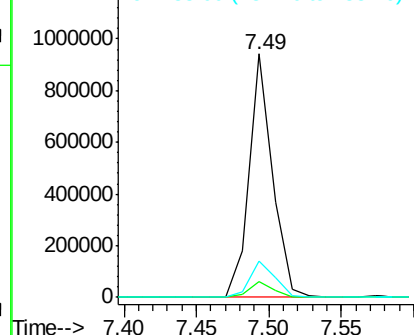
Manual Integrations
APPROVED

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.81 ng

RT: 7.57 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

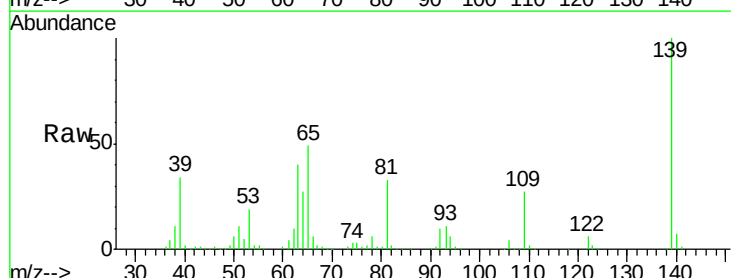
Tgt Ion: 139 Resp: 290384

Ion Ratio Lower Upper

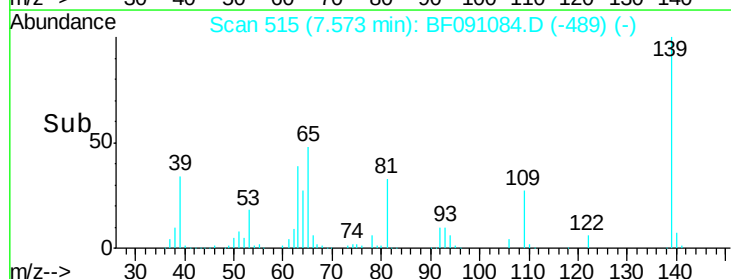
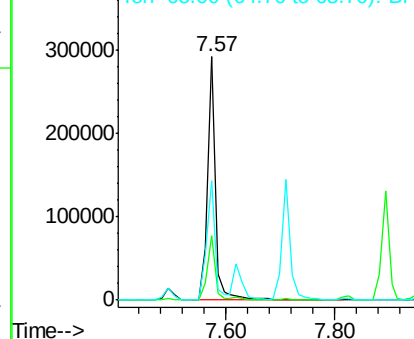
139 100

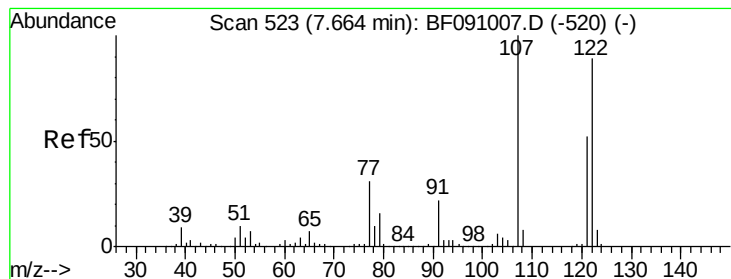
109 26.6 24.7 37.1

65 49.1 58.3 87.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.66 ng

RT: 7.62 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

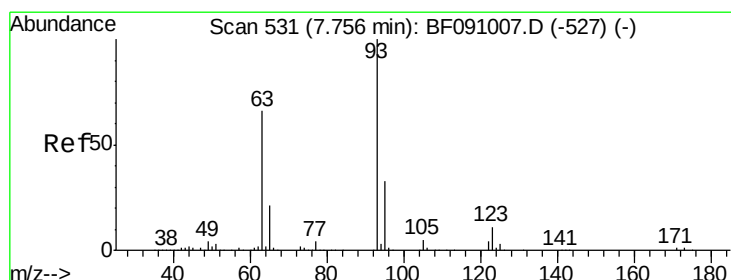
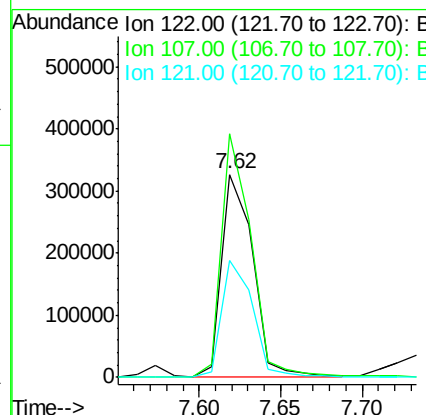
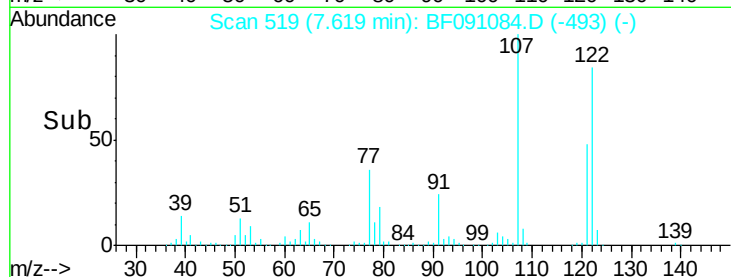
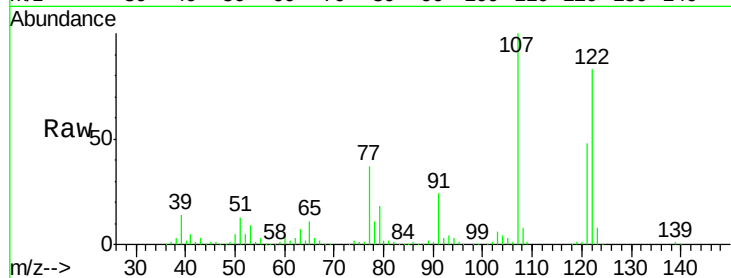
PB94597BSD

Tot Ion:	122	Resp:	434807
Ion Ratio	Lower	Upper	
122	100		
107	119.8	89.6	134.4
121	57.4	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.10 ng

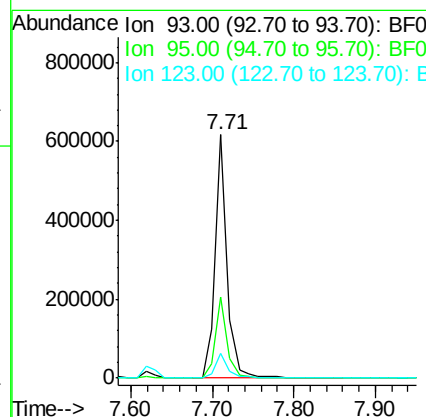
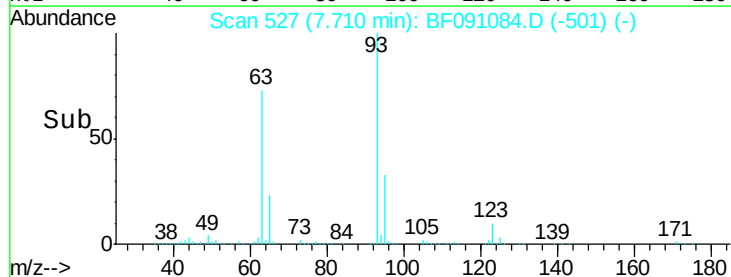
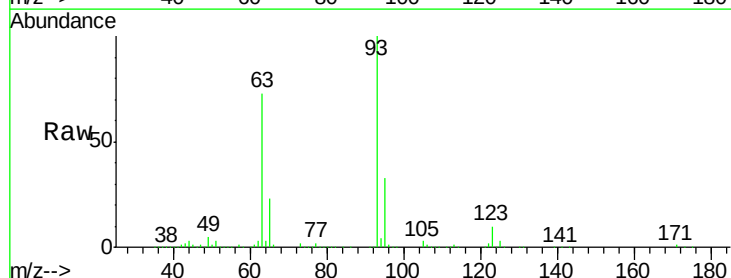
RT: 7.71 min Scan# 527

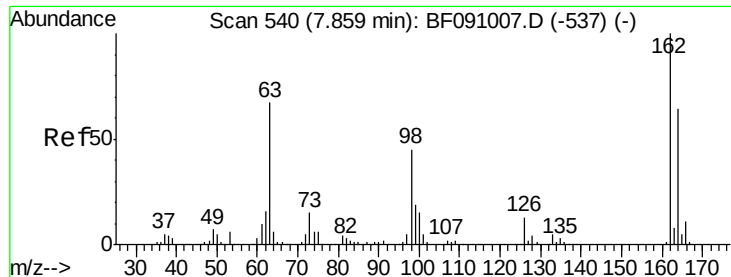
Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Tgt Ion:	93	Resp:	643503
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	10.2	8.7	13.1





#29
2,4-Dichlorophenol
Concen: 41.60 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

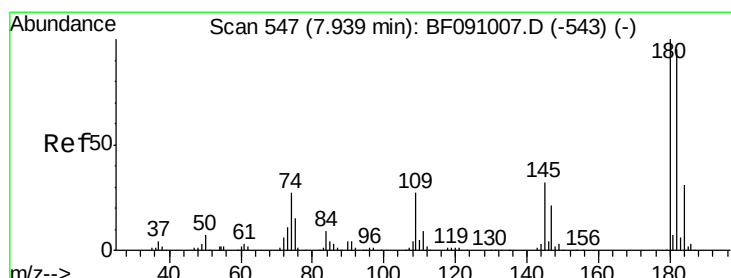
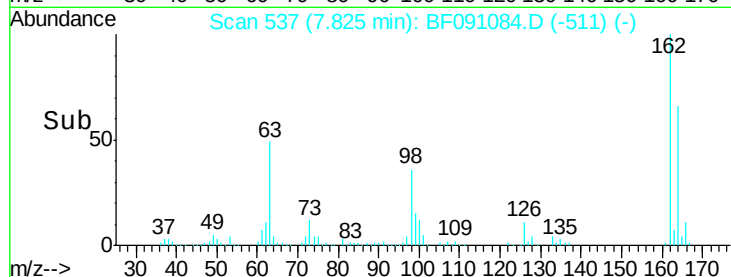
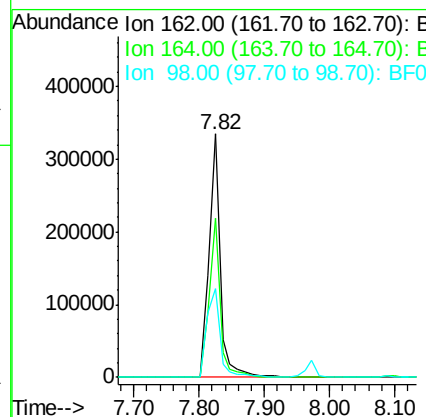
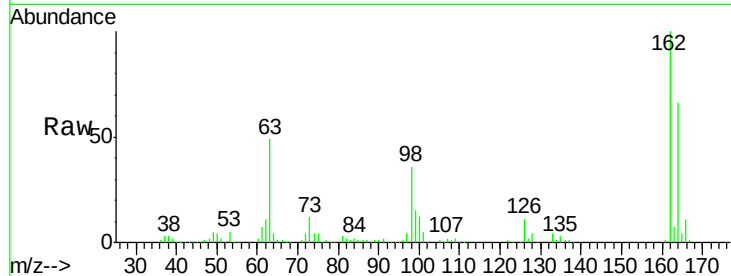
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion:	162	Resp:	397975
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.4	84.4
98	36.3	25.2	65.2

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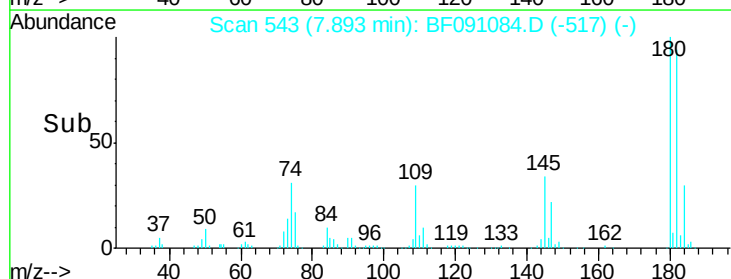
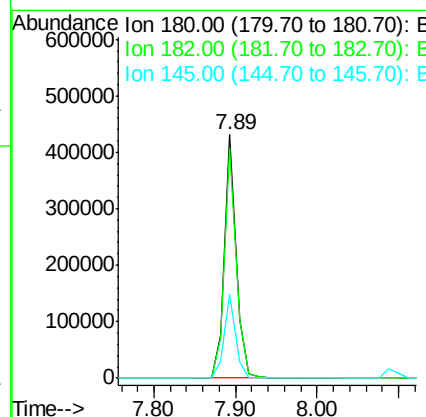
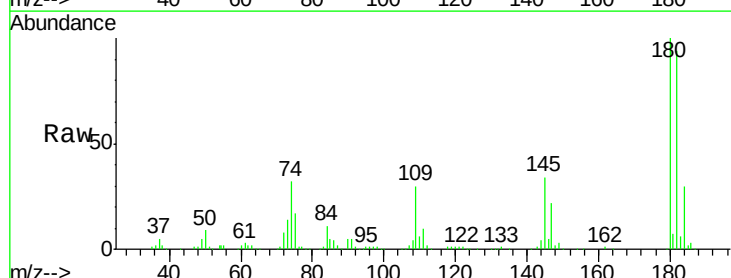
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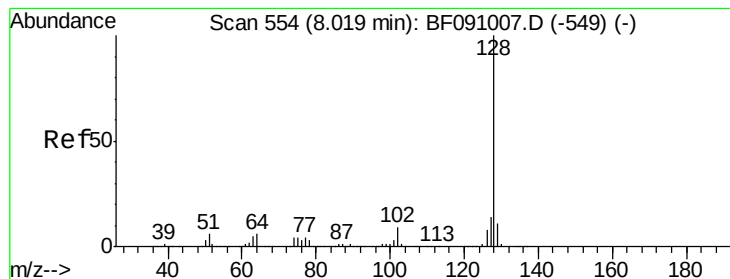
11/9/2016 10:56:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.93 ng
RT: 7.89 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:	180	Resp:	429597
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.0	114.0
145	34.2	25.8	38.8





#31

Naphthalene

Concen: 41.32 ng

RT: 7.97 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94597BSD

Tot Ion:128 Resp: 1528891

Ion Ratio Lower Upper

128 100

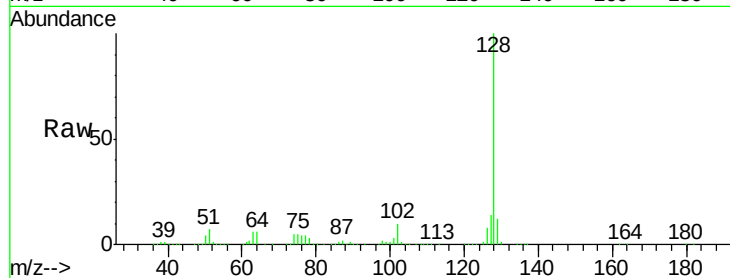
129 11.6 9.0 13.6

127 13.6 10.9 16.3

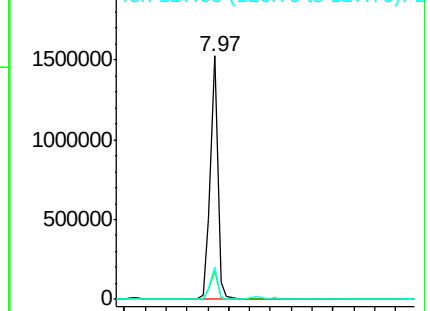
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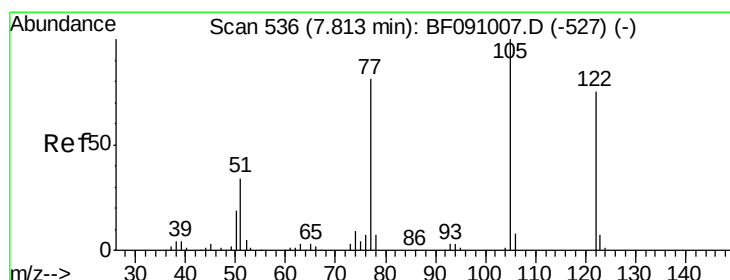
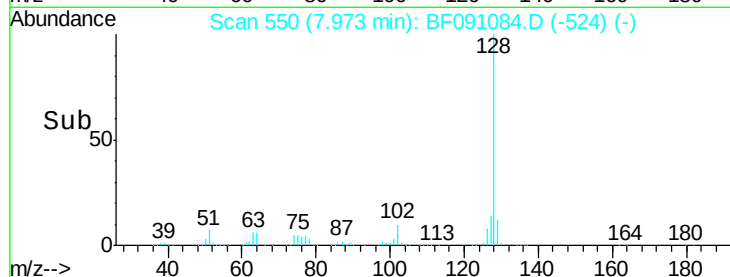
11/9/2016 10:56:50 AM



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



Time--> 7.80 8.00 8.20



#32

Benzoic acid

Concen: 15.61 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

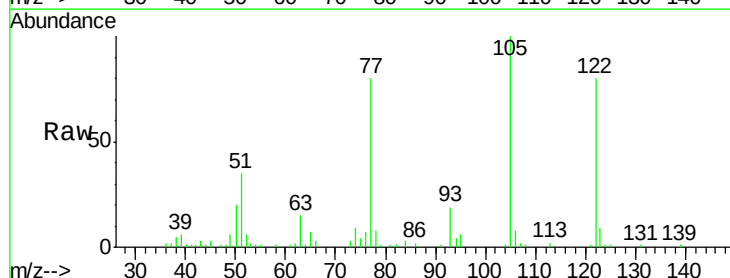
Tgt Ion:122 Resp: 100760

Ion Ratio Lower Upper

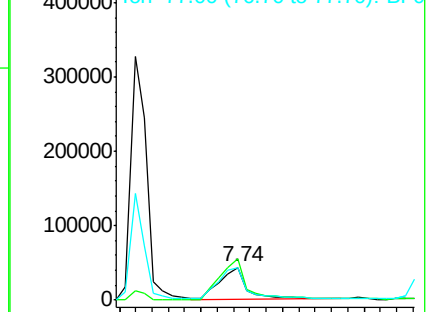
122 100

105 124.9 105.9 145.9

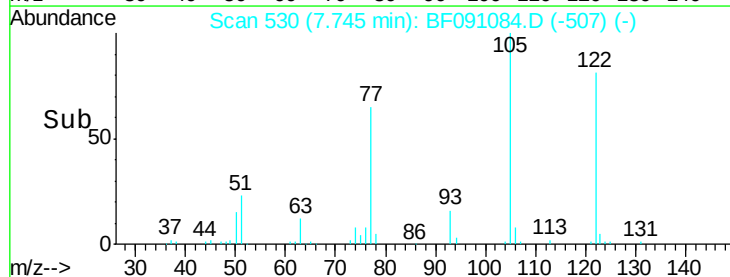
77 99.8 84.0 124.0

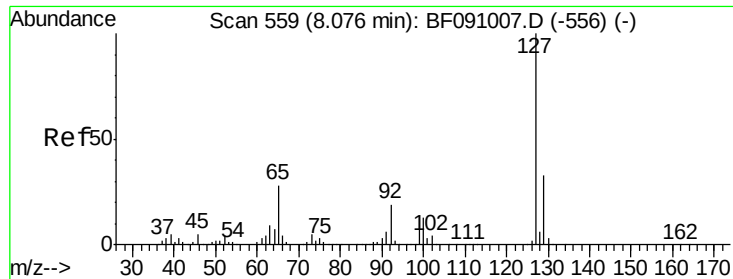


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time--> 7.60 7.70 7.80 7.90





#33
4-Chloroaniline
Concen: 3.06 ng
RT: 8.05 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

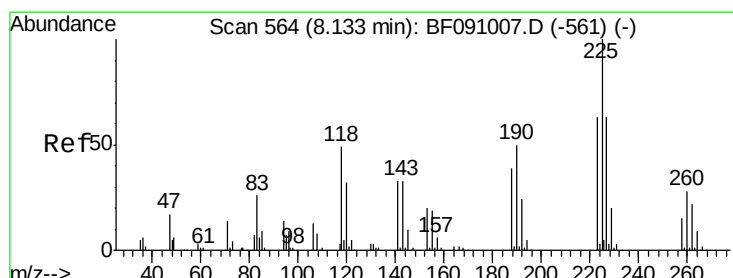
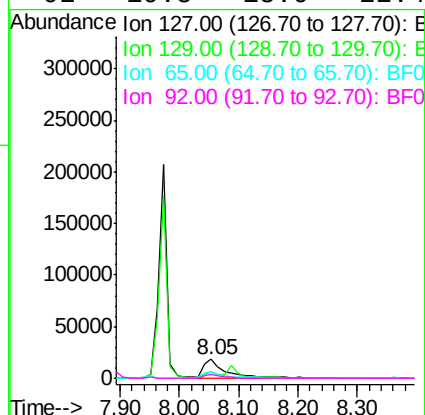
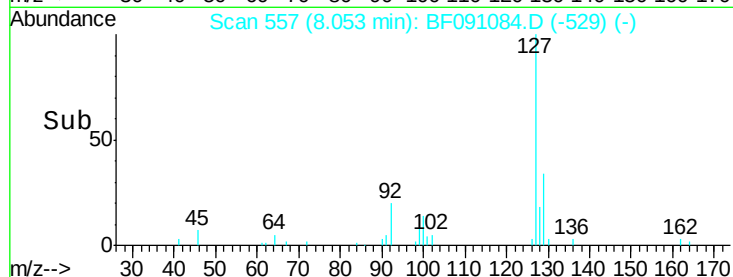
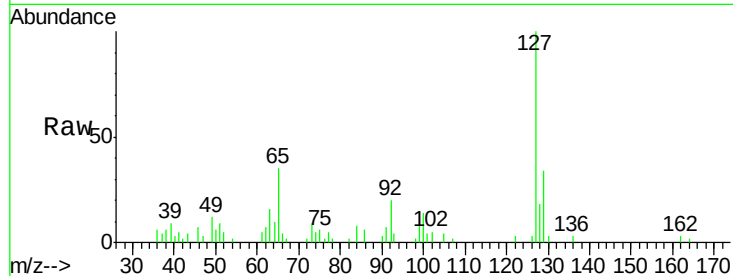
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47083		
129	34.2	26.6	39.8		
65	35.0	22.2	33.2		
92	19.5	15.0	22.4		

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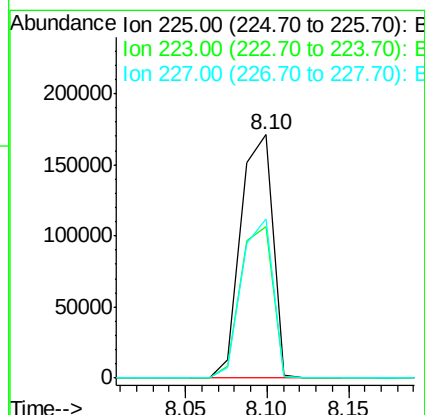
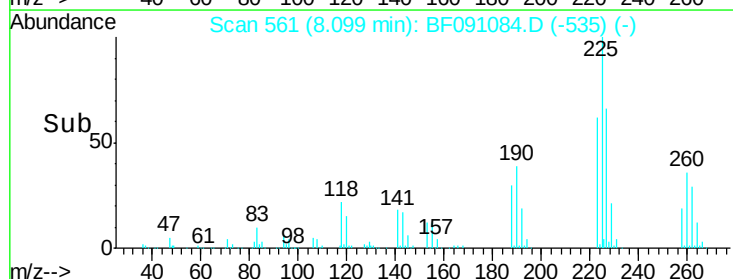
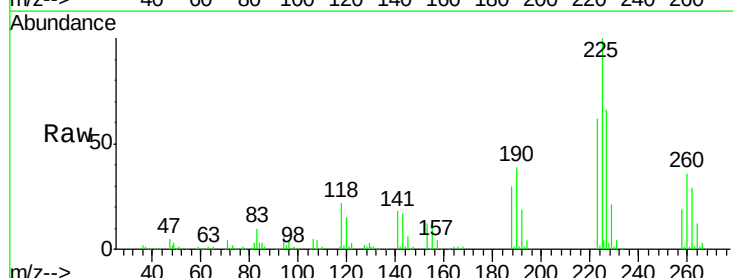
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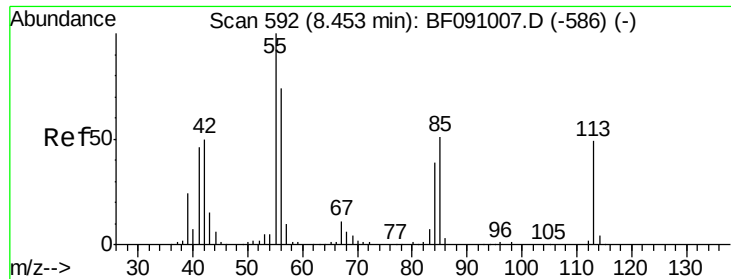
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#34
Hexachlorobutadiene
Concen: 39.91 ng
RT: 8.10 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		231725		
223	62.2	50.4	75.6		
227	65.6	50.1	75.1		





#35
 Caprolactam
 Concen: 25.32 ng/ml
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

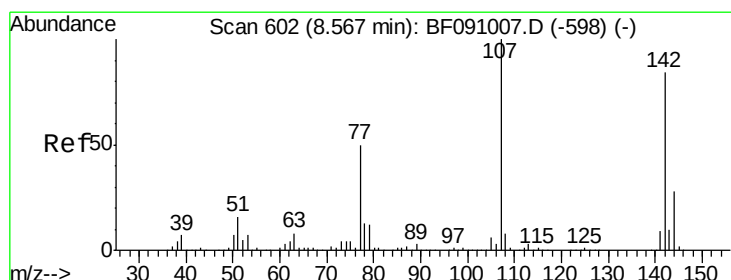
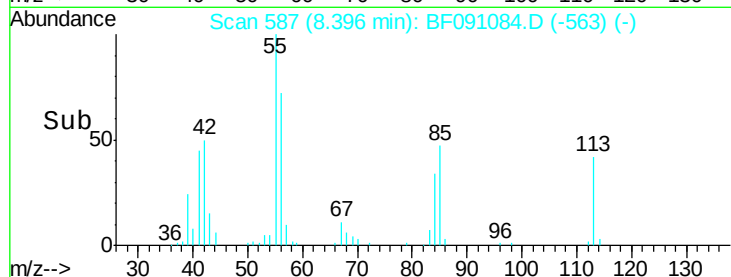
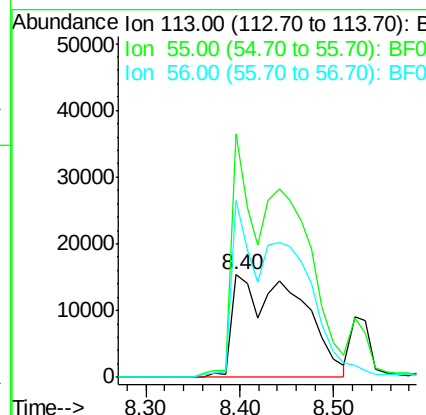
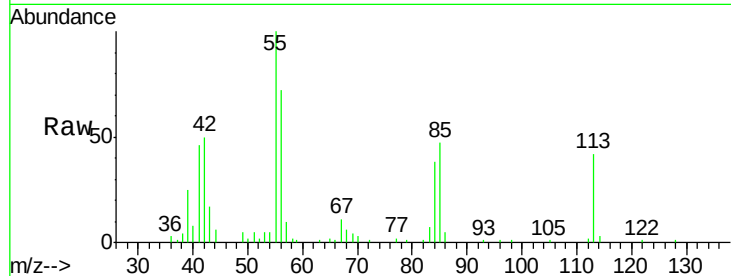
Instrument :
 BNA_F
 ClientSampleID :
 PB94597BSD

Tot Ion:113 Resp: 76119
 Ion Ratio Lower Upper
 113 100
 55 237.6 184.1 224.1#
 56 172.2 132.0 172.0#

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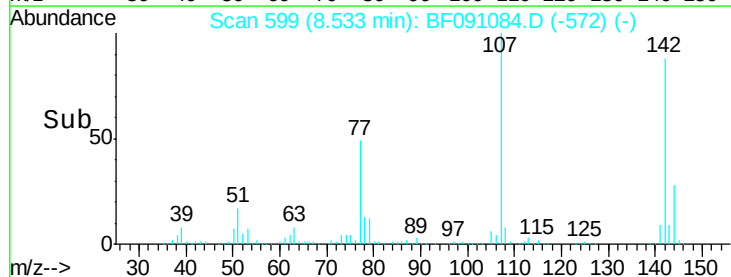
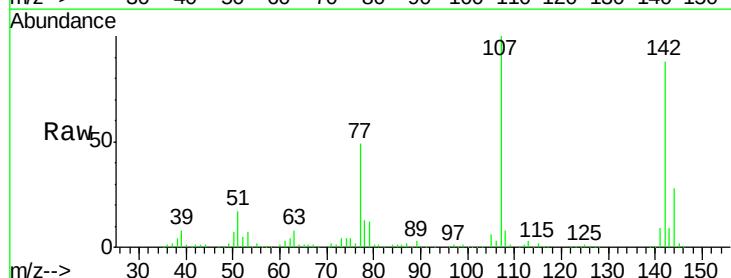
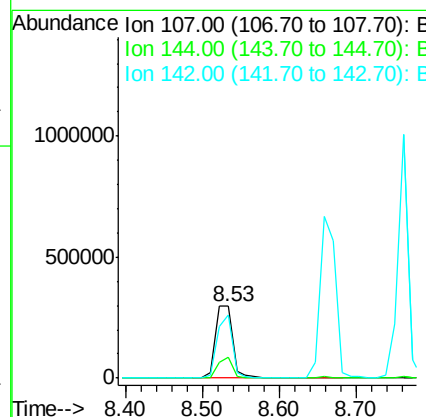
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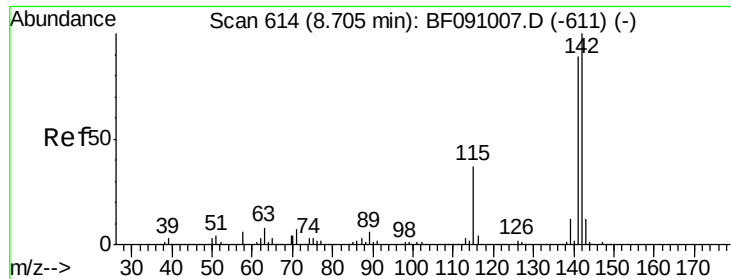
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#36
 4-Chloro-3-methylphenol
 Concen: 40.08 ng/ml
 RT: 8.53 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion:107 Resp: 464204
 Ion Ratio Lower Upper
 107 100
 144 28.4 22.5 33.7
 142 87.6 67.4 101.2





#37
2-Methylnaphthalene
Concen: 38.64 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

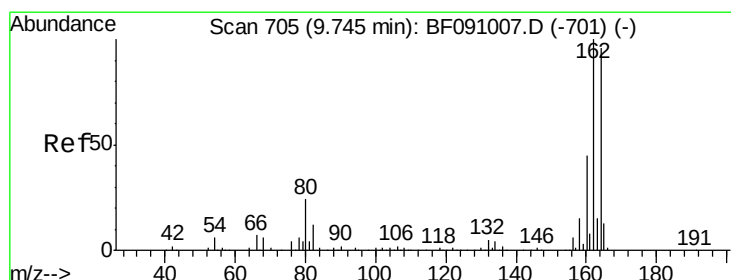
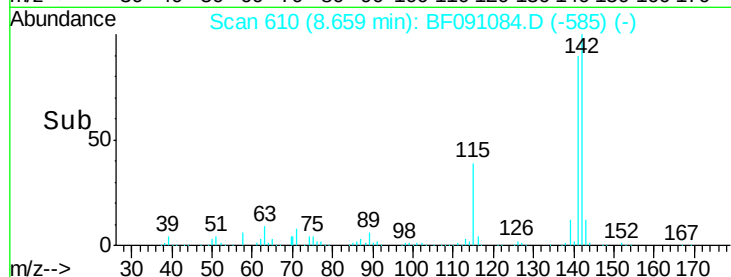
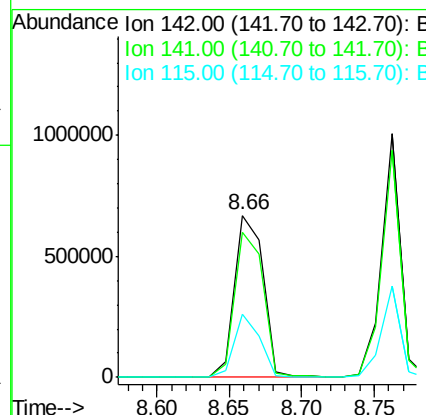
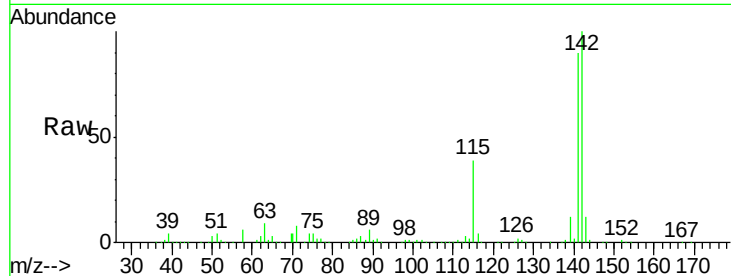
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	919171		
141	89.8	71.3	106.9	
115	38.6	29.9	44.9	

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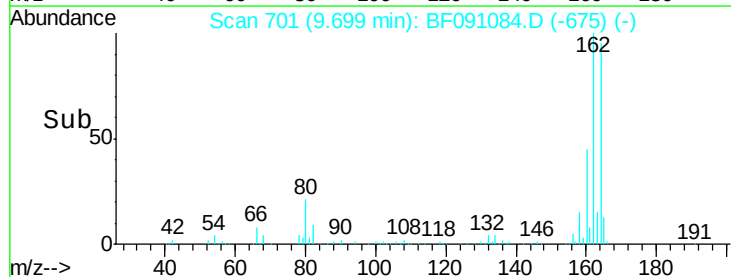
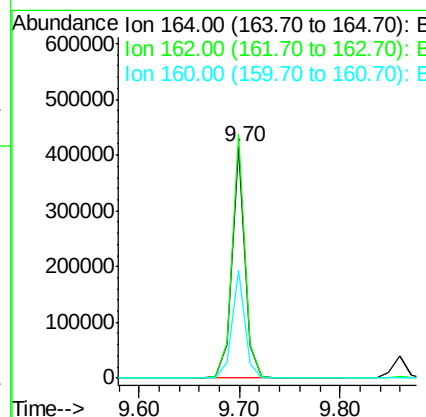
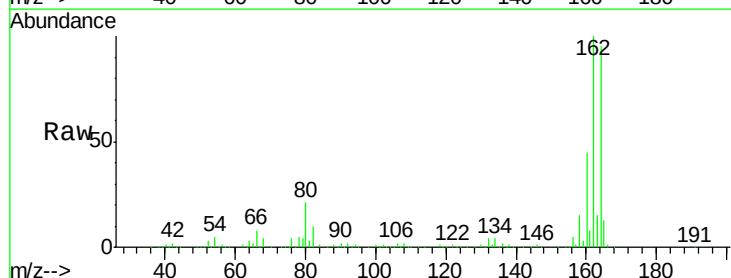
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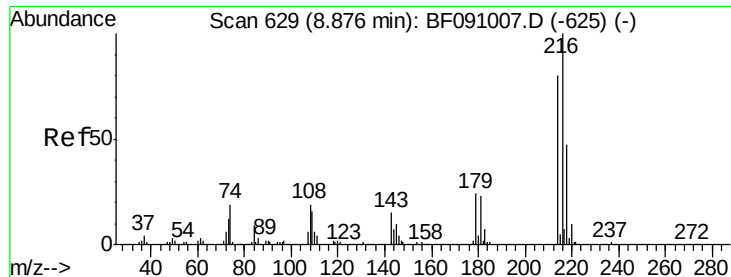
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	374530		
162	105.3	83.6	125.4	
160	46.9	37.9	56.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.35 ng

RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

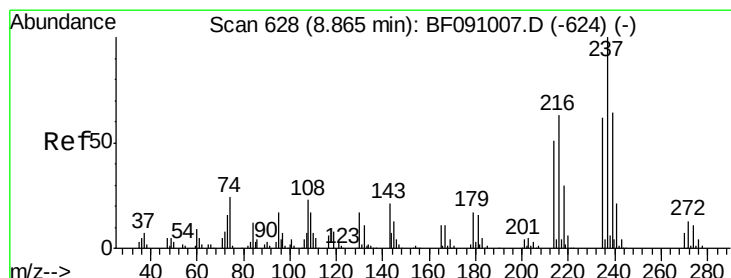
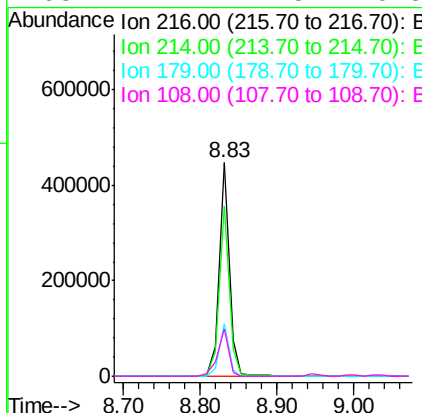
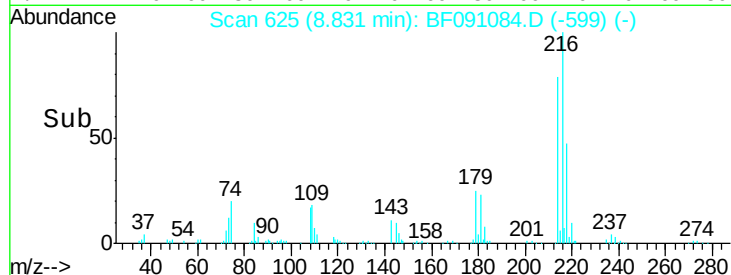
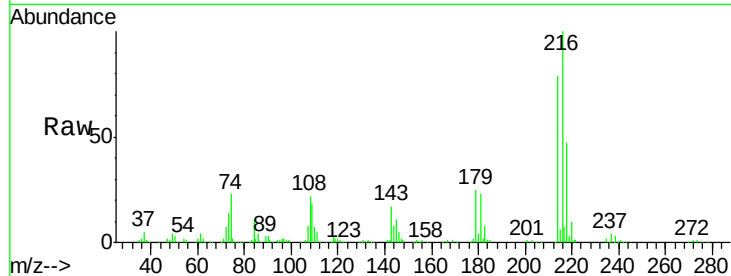
PB94597BSD

Tot Ion:	216	Resp:	413946
Ion Ratio		Lower	Upper
216	100		
214	79.1	63.5	95.3
179	23.7	19.1	28.7
108	24.4	17.5	26.3

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#40

Hexachlorocyclopentadiene

Concen: 84.69 ng

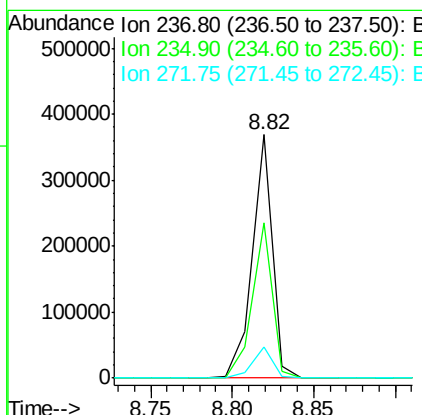
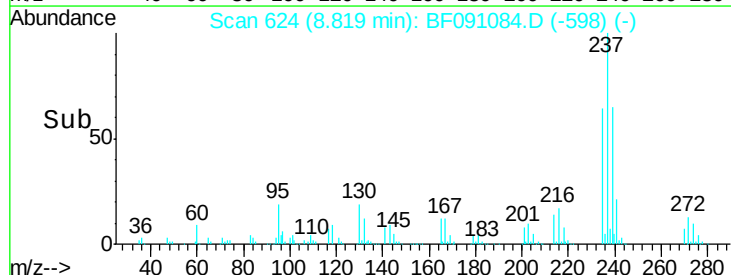
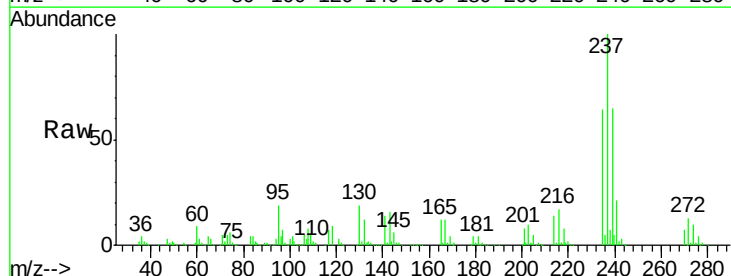
RT: 8.82 min Scan# 624

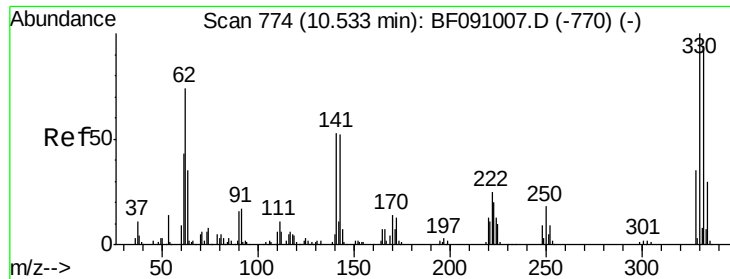
Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Tgt Ion:	237	Resp:	315306
Ion Ratio		Lower	Upper
237	100		
235	64.0	42.1	82.1
272	13.1	0.0	33.1





#41
 2,4,6-Tribromophenol
 Concen: 142.34 ng
 RT: 10.50 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

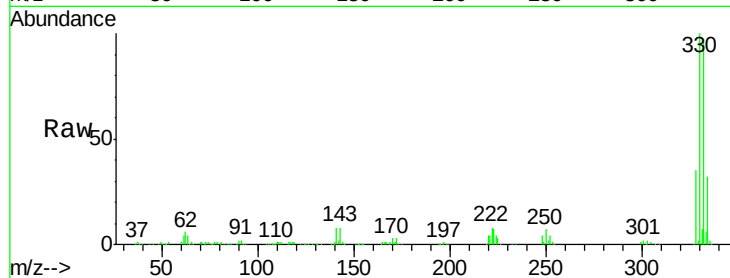
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.9	113.9
141	28.2	36.1	54.1

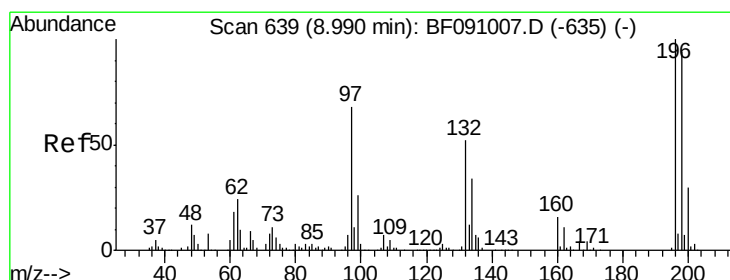
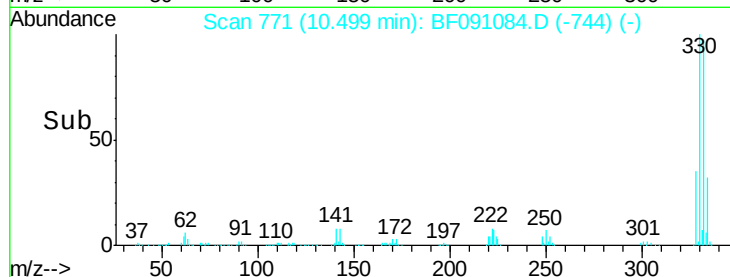
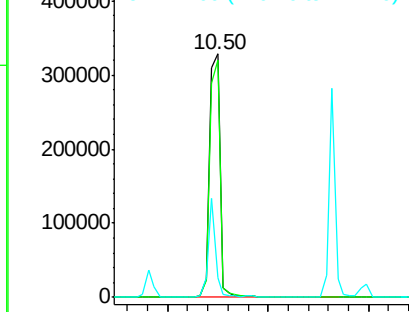
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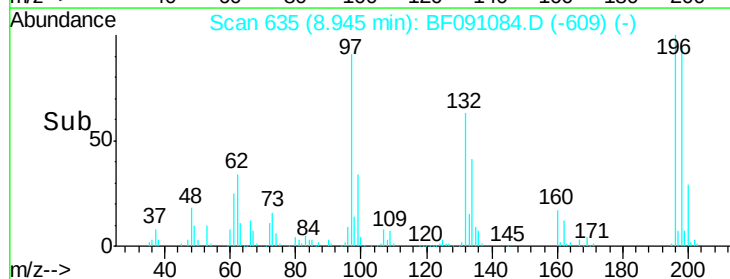
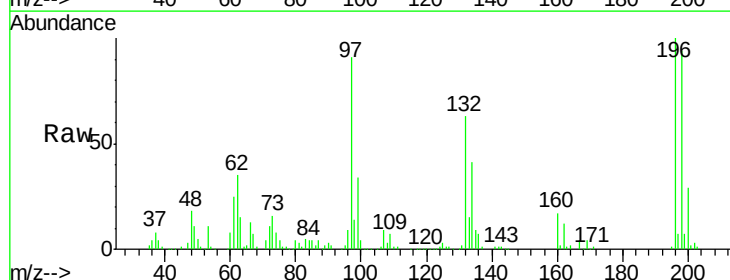
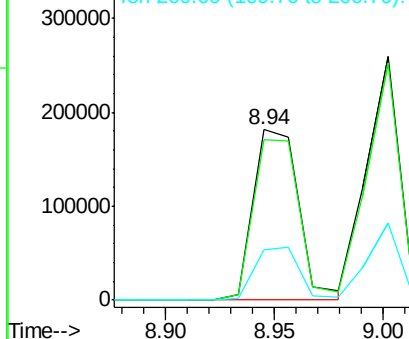
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

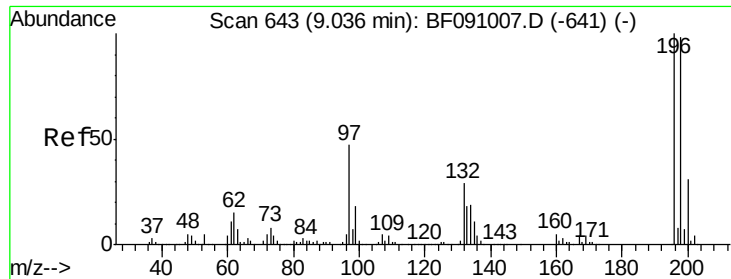


#42
 2,4,6-Trichlorophenol
 Concen: 42.81 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
200	29.4	24.1	36.1

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: 44.68 ng
 RT: 9.00 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

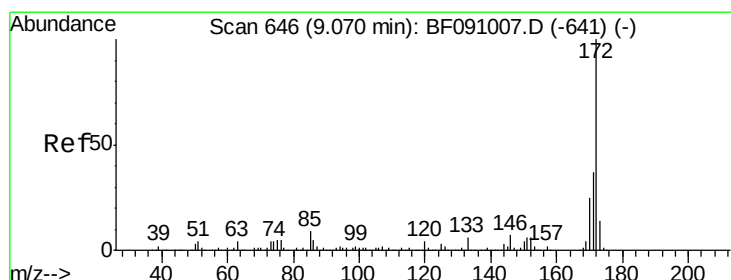
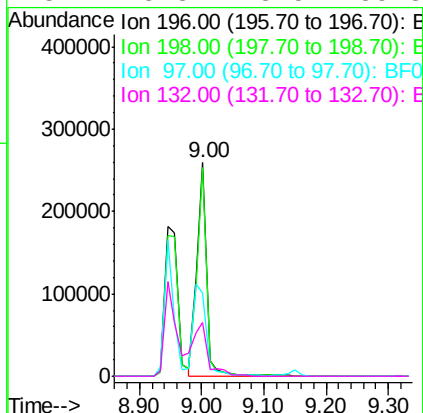
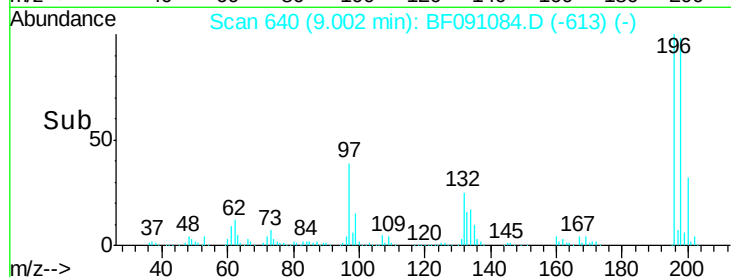
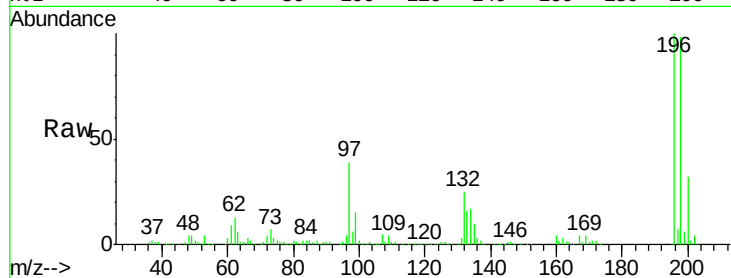
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion:	196	Resp:	289187
Ion Ratio		Lower	Upper
196	100		
198	97.5	78.2	117.4
97	39.2	38.8	58.2
132	25.3	23.5	35.3

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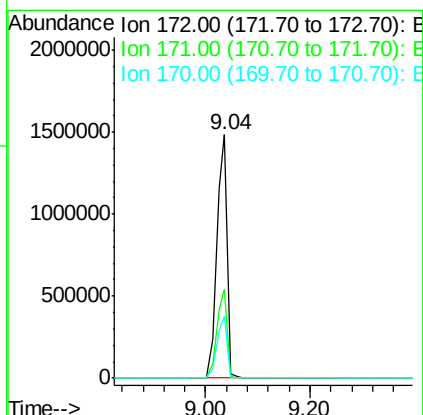
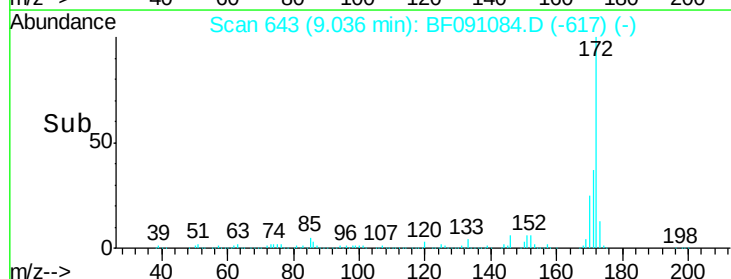
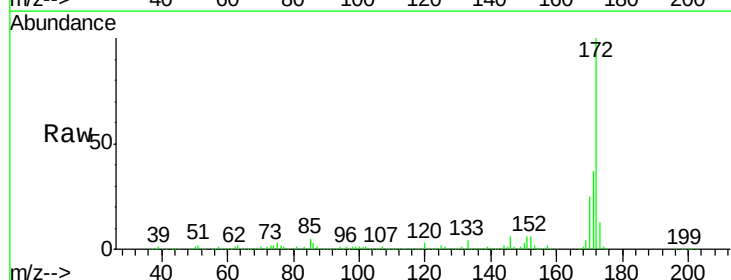
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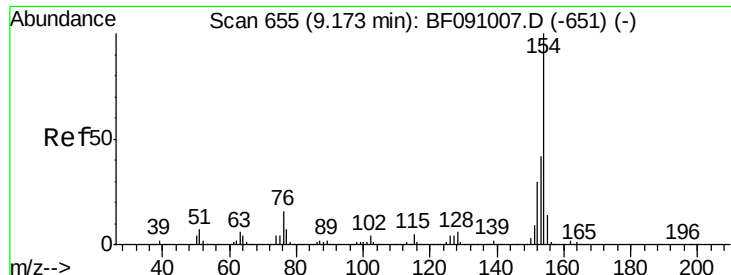
11/9/2016 10:56:50 AM



#44
 2-Fluorobiphenyl
 Concen: 92.45 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion:	172	Resp:	2011137
Ion Ratio		Lower	Upper
172	100		
171	36.7	29.8	44.6
170	25.3	20.3	30.5





#45
 1,1'-Biphenyl
 Concen: 40.37 ng
 RT: 9.13 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

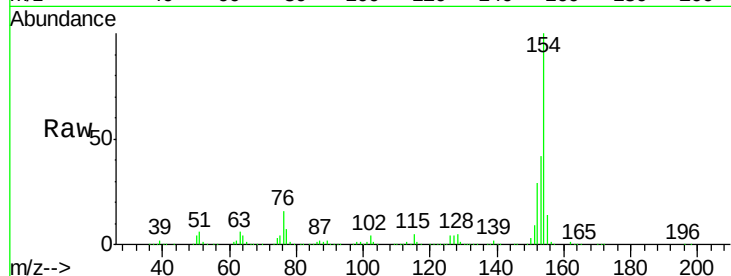
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion:	154	Resp:	1104073
Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	15.9	0.0	36.2

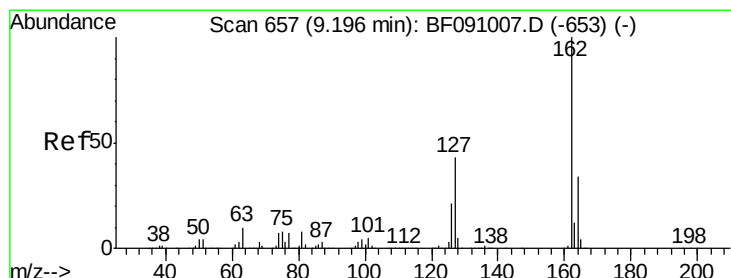
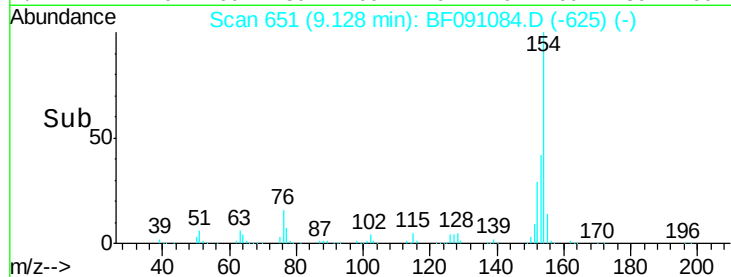
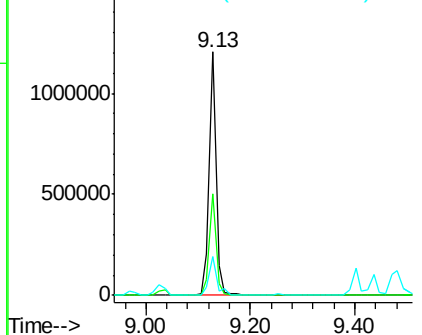
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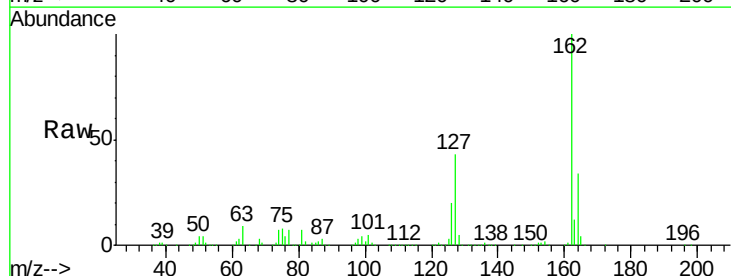


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

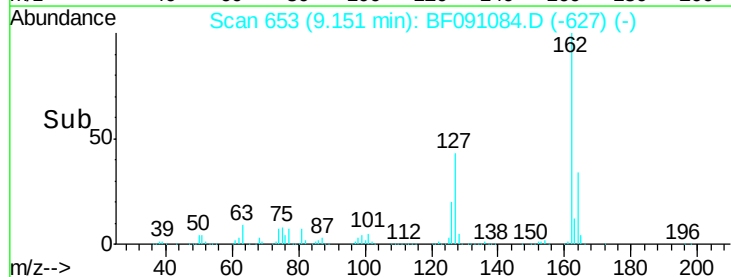
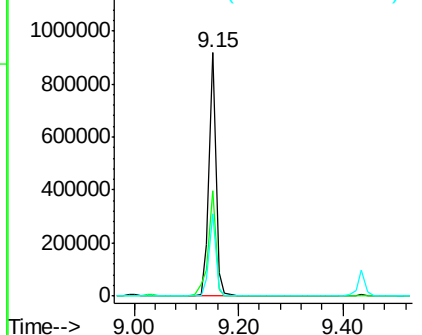


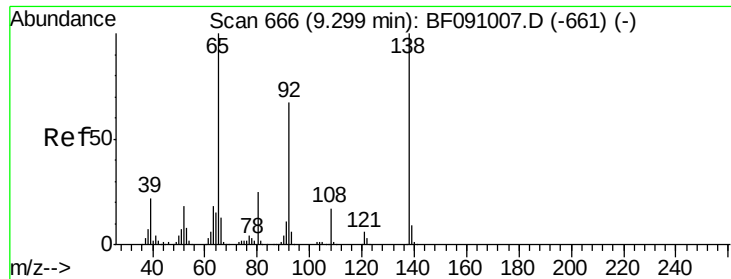
#46
 2-Chloronaphthalene
 Concen: 41.06 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion:	162	Resp:	852592
Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.7	52.1
164	34.0	27.0	40.4



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: 32.53 ng
RT: 9.25 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

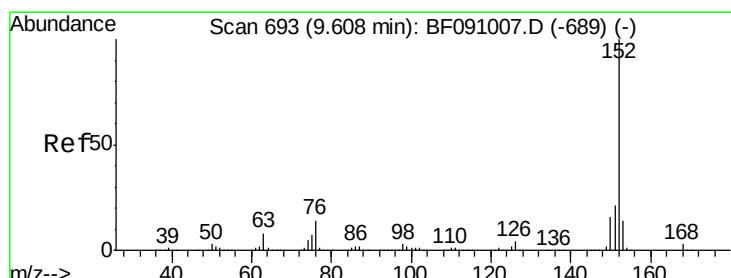
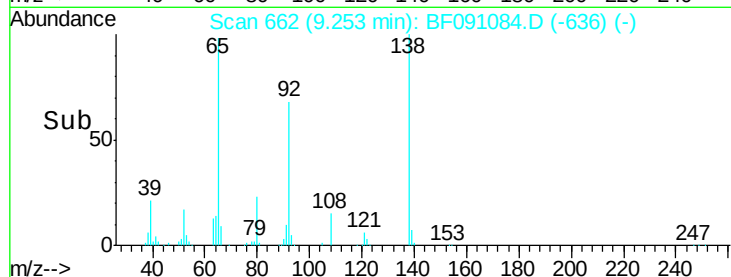
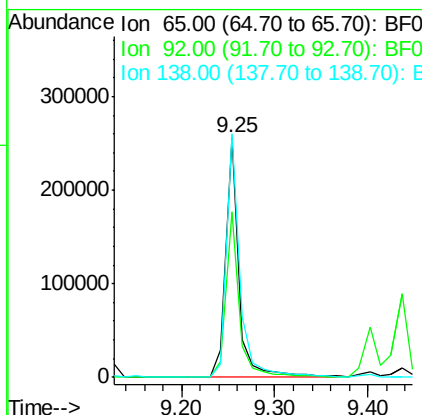
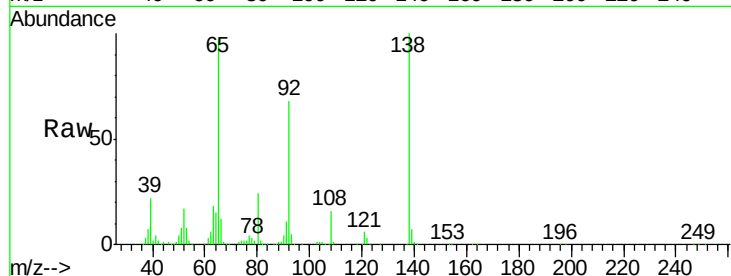
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.9	80.9
138	101.7	80.1	120.1

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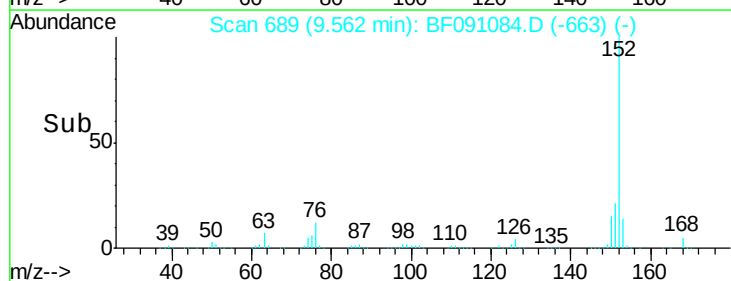
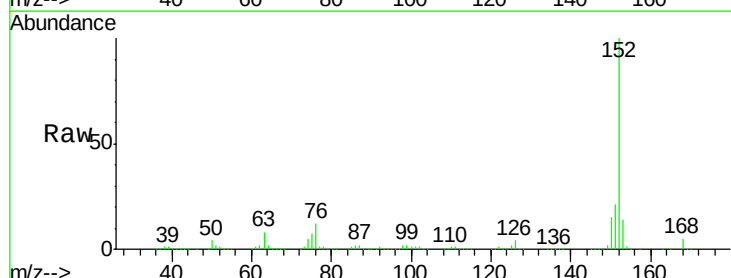
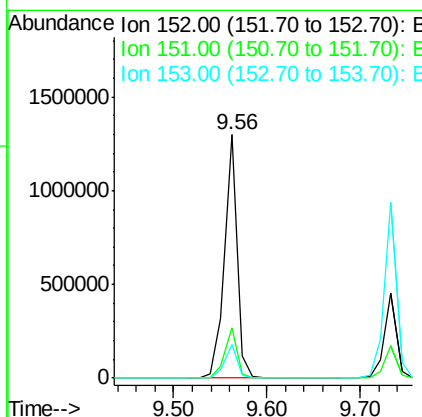
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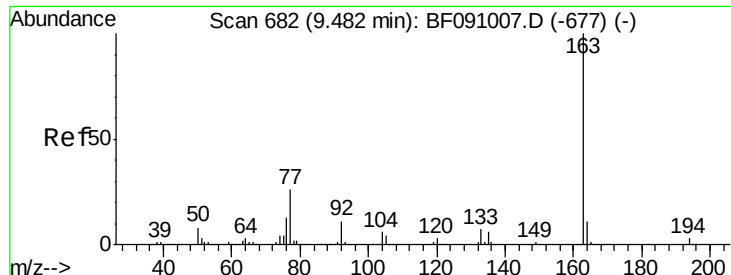
11/9/2016 10:56:50 AM



#48
Acenaphthylene
Concen: 37.56 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	13.9	11.1	16.7





#49
Dimethylphthalate
Concen: 37.90 ng
RT: 9.44 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

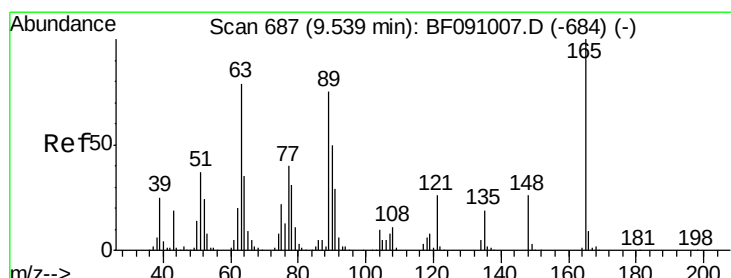
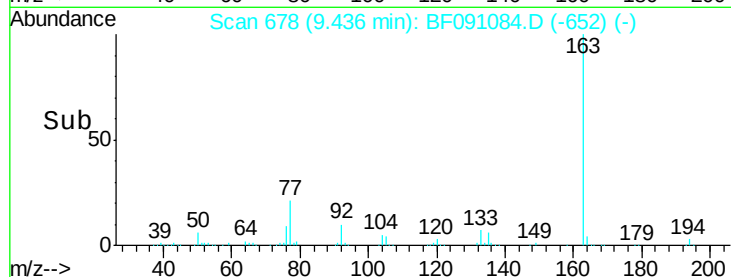
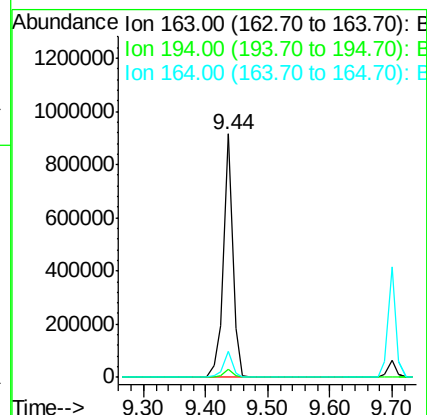
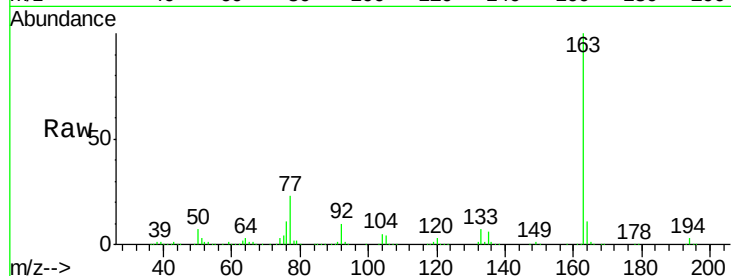
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion:	163	Resp:	930814
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.7	8.7	13.1

Manual Integrations
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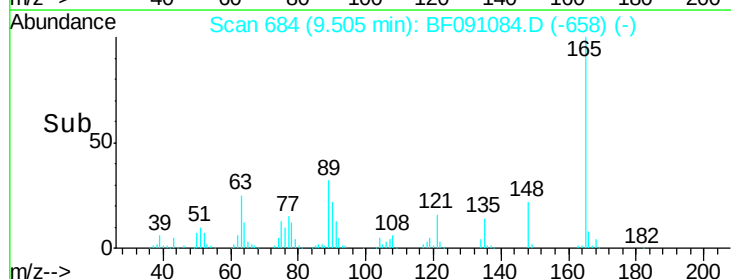
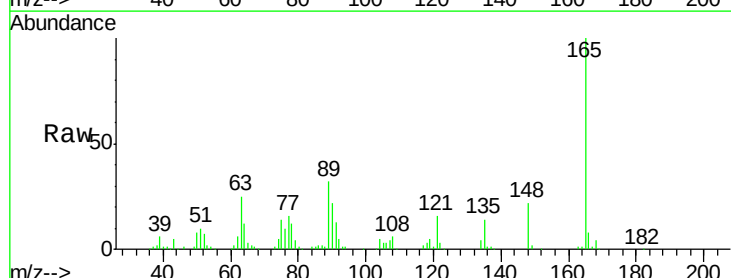
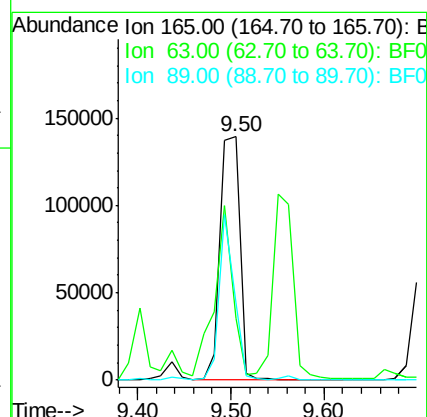
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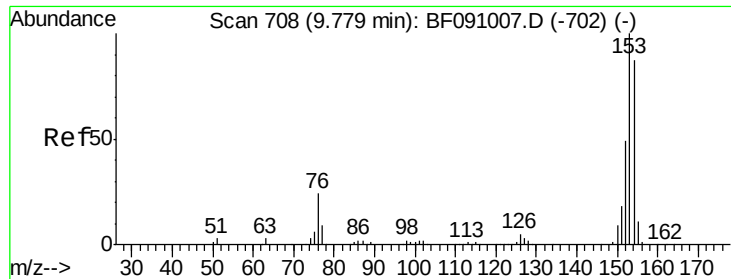
11/9/2016 10:56:50 AM



#50
2,6-Dinitrotoluene
Concen: 39.19 ng
RT: 9.50 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:	165	Resp:	206251
Ion Ratio	Lower	Upper	
165	100		
63	25.4	65.6	98.4#
89	31.7	59.8	89.6#





#51

Acenaphthene

Concen: 36.96 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

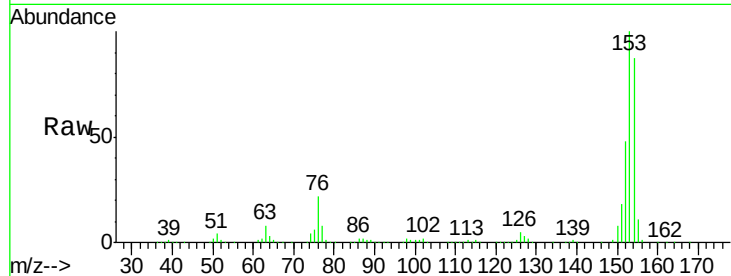
PB94597BSD

Tot Ion:	154	Resp:	750826
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.6	137.4
152	55.2	44.6	67.0

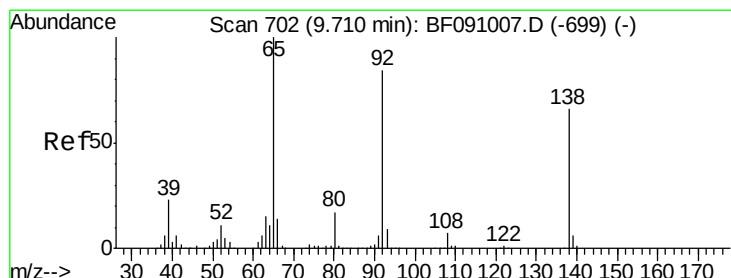
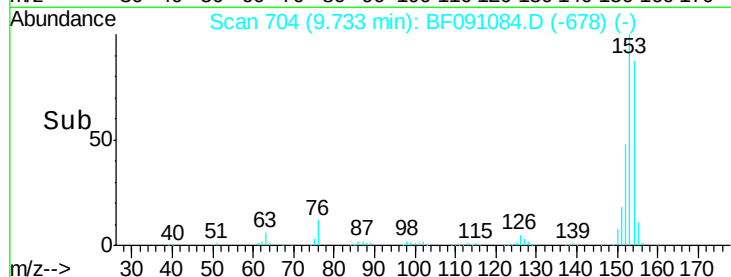
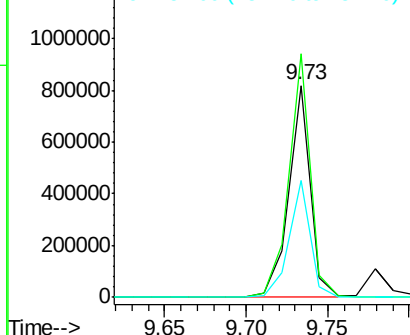
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.24 ng

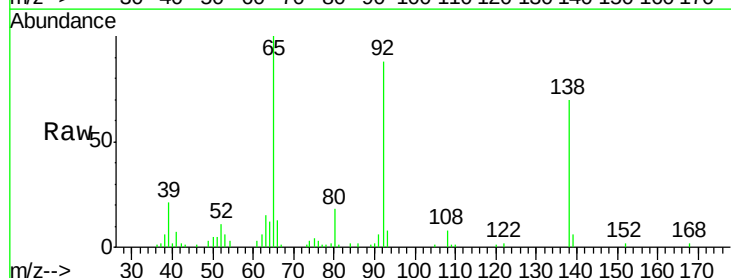
RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

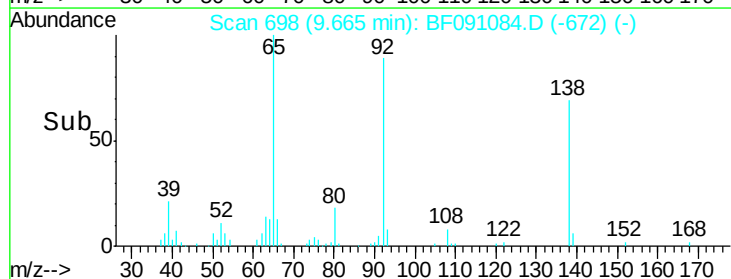
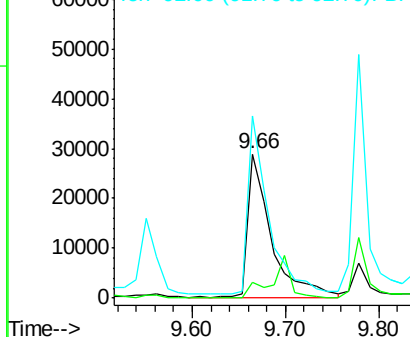
Lab File: BF091084.D

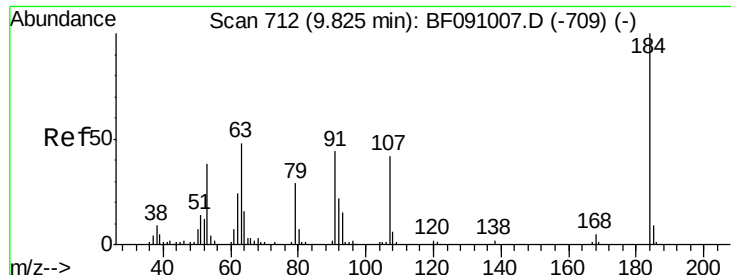
Acq: 8 Nov 2016 16:13

Tgt Ion:	138	Resp:	51452
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.4	12.6
92	126.6	101.1	151.7



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





#53
2,4-Dinitrophenol
Concen: 75.44 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

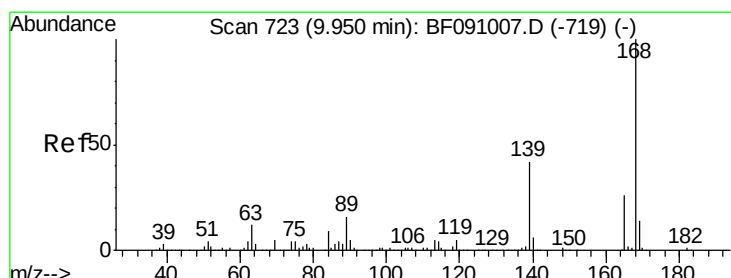
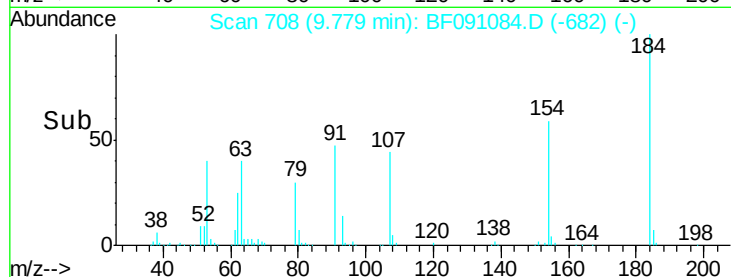
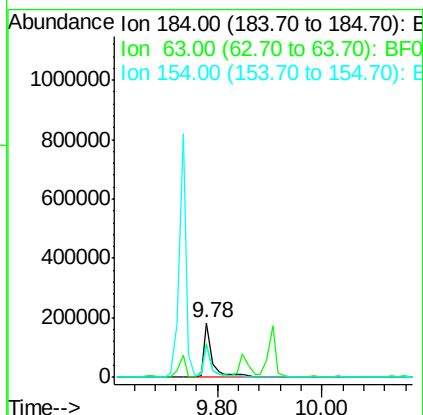
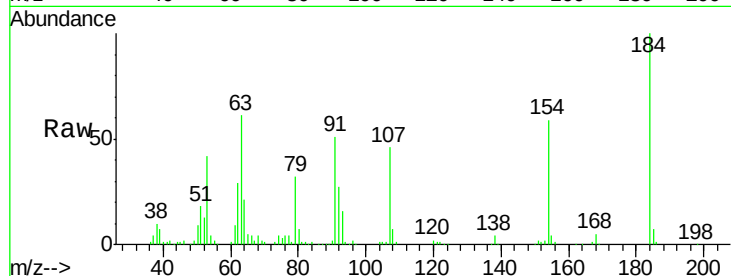
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	215162		
63	61.2	45.5	68.3	
154	59.5	51.0	76.4	

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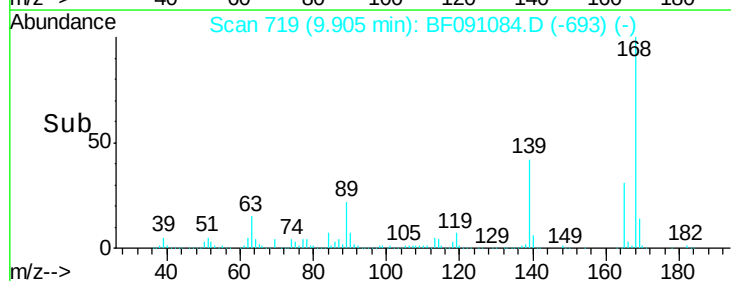
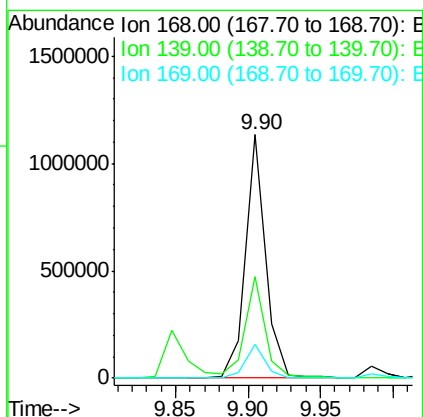
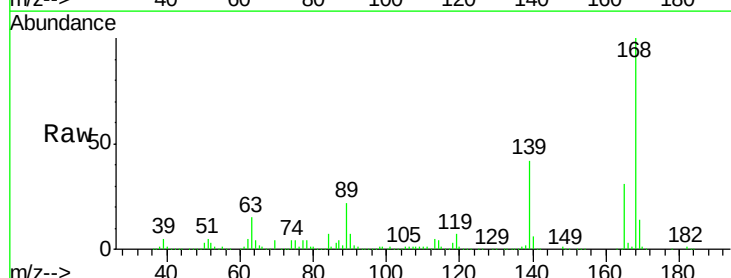
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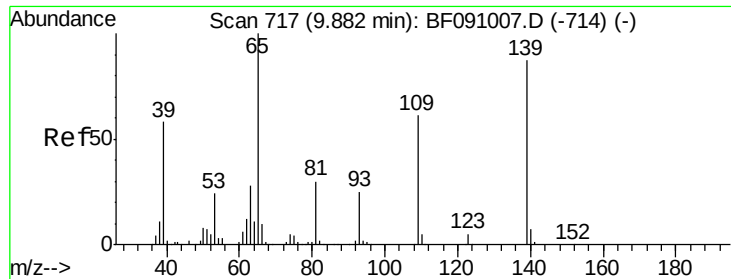
11/9/2016 10:56:50 AM



#54
Dibenzofuran
Concen: 40.01 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1094140		
139	41.7	34.8	52.2	
169	14.1	11.4	17.2	





#55
4-Nitrophenol
Concen: 59.92 ng
RT: 9.85 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

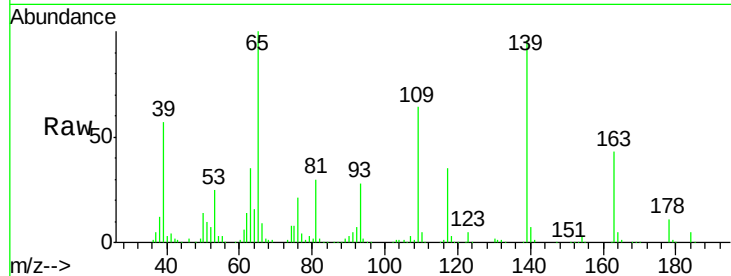
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	242603		
109	67.1	50.5	90.5	
65	104.1	97.1	137.1	

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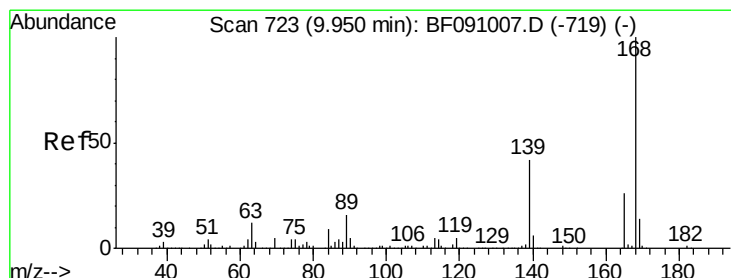
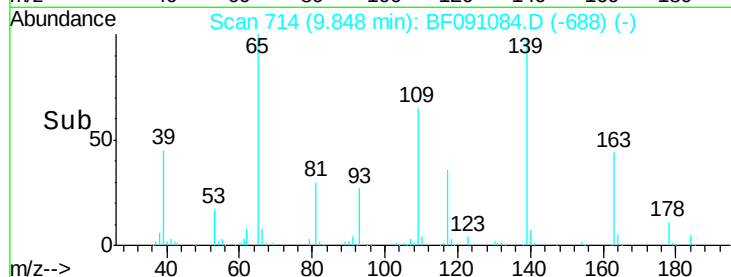
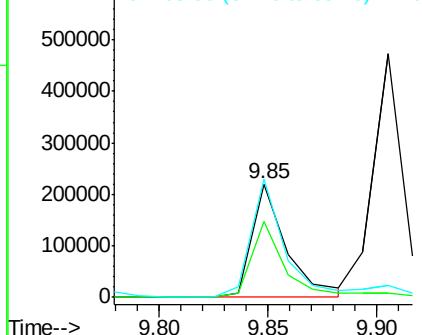


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 46.06 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	308421		
63	49.1	38.7	58.1	
89	71.8	50.6	76.0	
182	2.3	1.8	2.8	

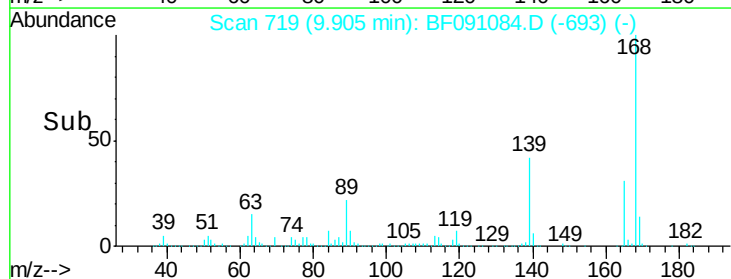
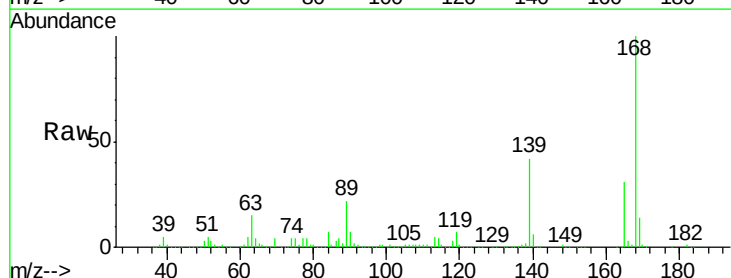
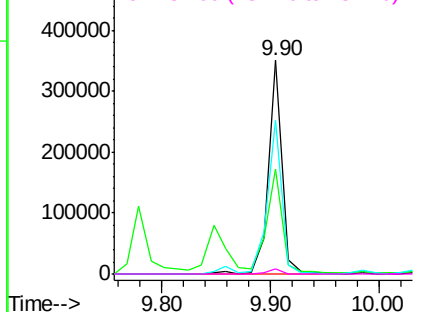
Abundance

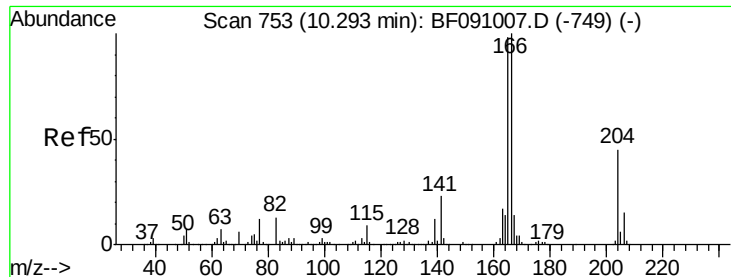
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57
 Fluorene
 Concen: 40.18 ng
 RT: 10.25 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

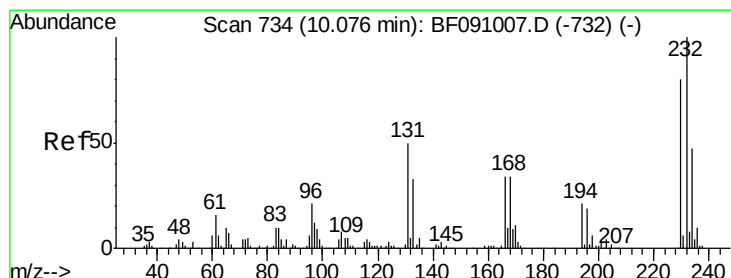
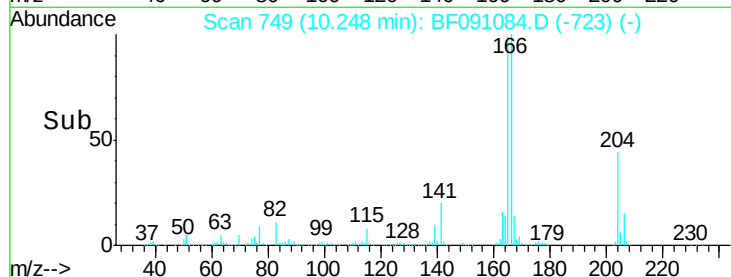
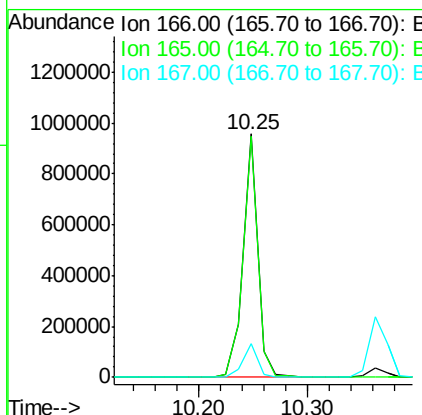
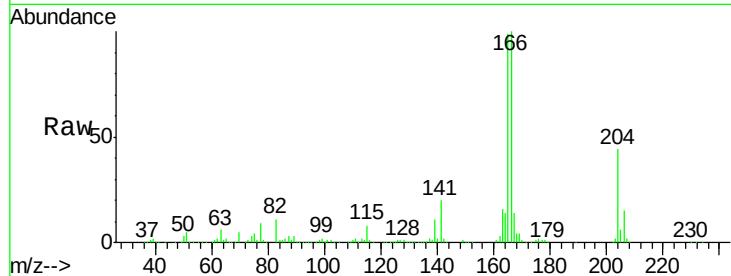
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.8	11.1	16.7

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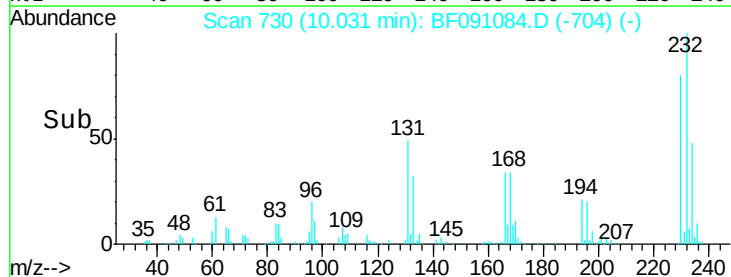
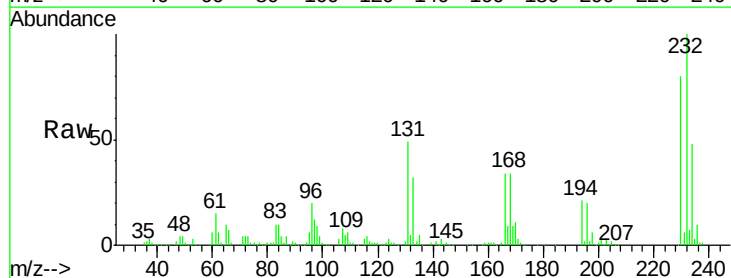
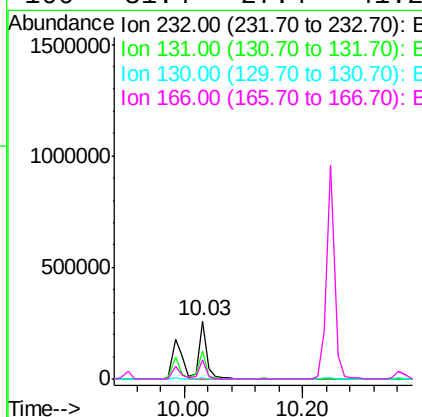
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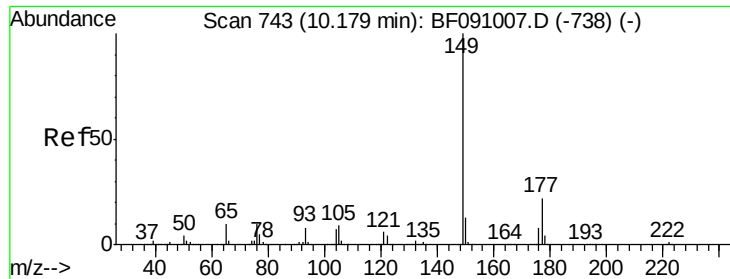
11/9/2016 10:56:50 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.84 ng
 RT: 10.03 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.6	43.6	65.4
130	2.2	2.0	3.0
166	31.4	27.4	41.2





#59
Diethylphthalate
Concen: 38.83 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

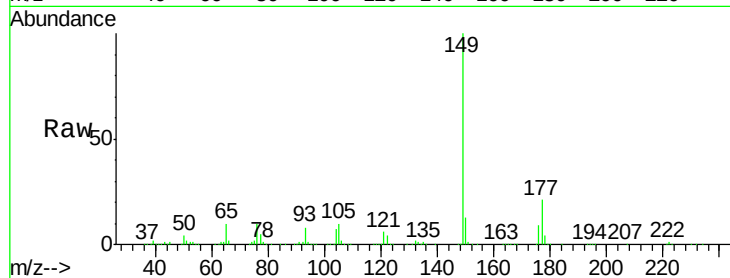
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.3	25.9
150	13.1	10.3	15.5

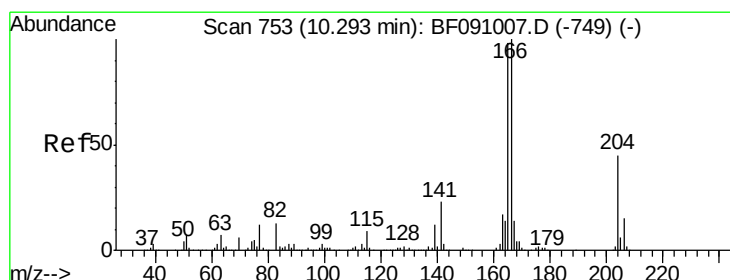
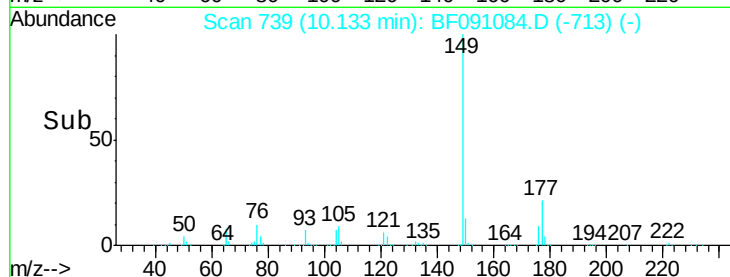
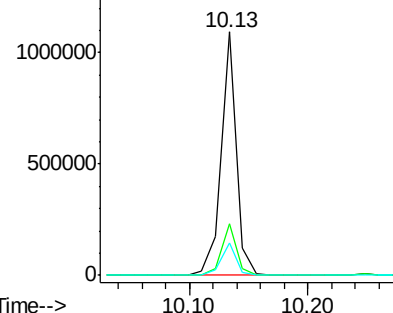
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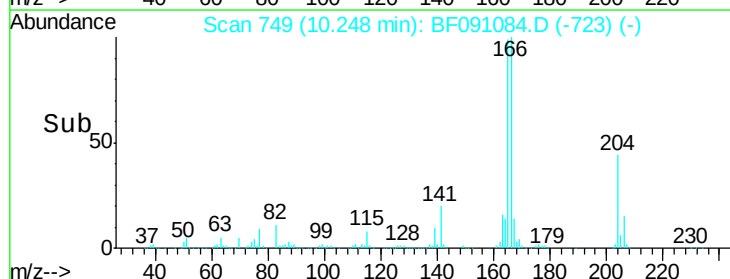
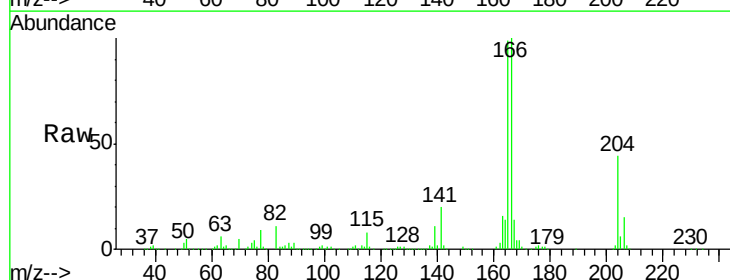
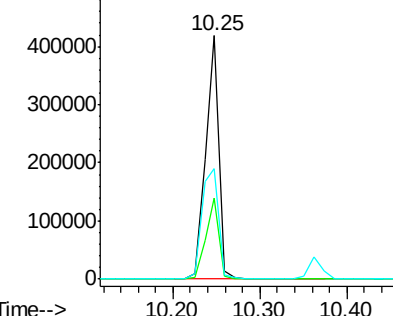
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

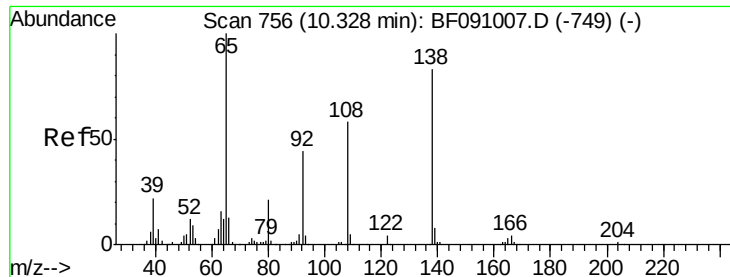


#60
4-Chlorophenyl-phenylether
Concen: 44.21 ng
RT: 10.25 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.1	40.7
141	45.5	40.1	60.1

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





#61
4-Nitroaniline
Concen: 27.20 ng
RT: 10.28 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

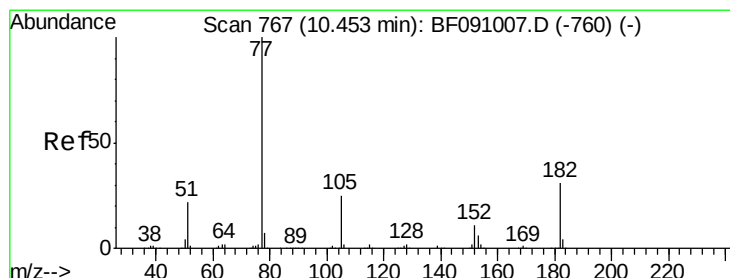
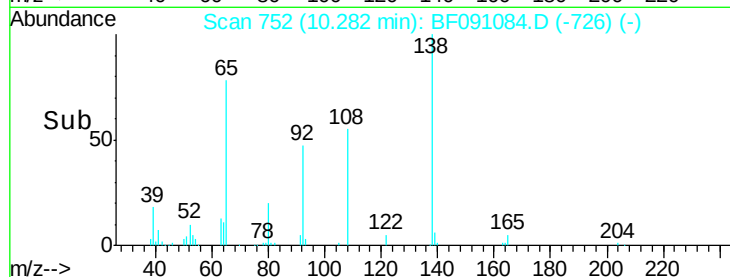
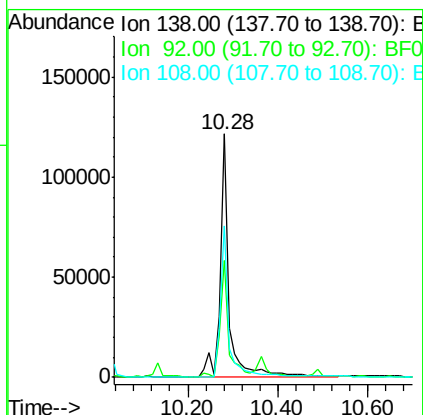
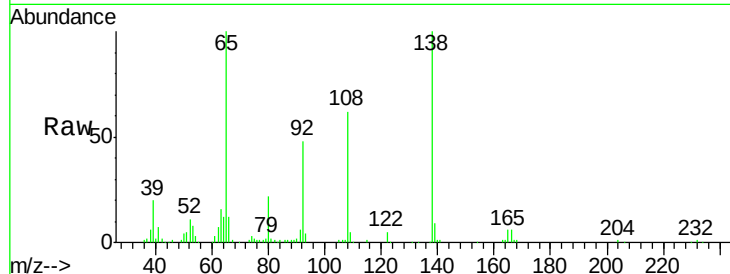
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	32.5	72.5
108	62.1	49.4	89.4

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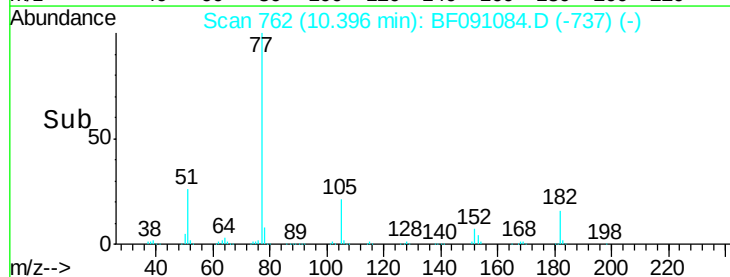
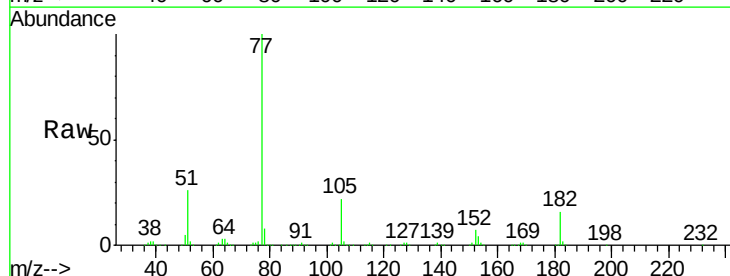
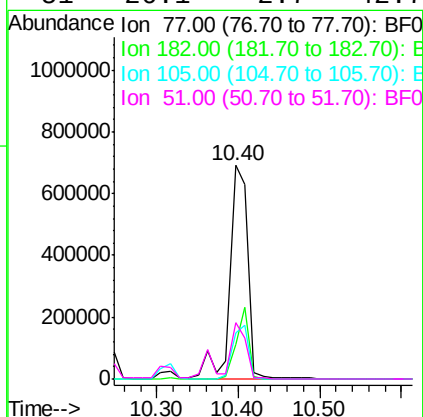
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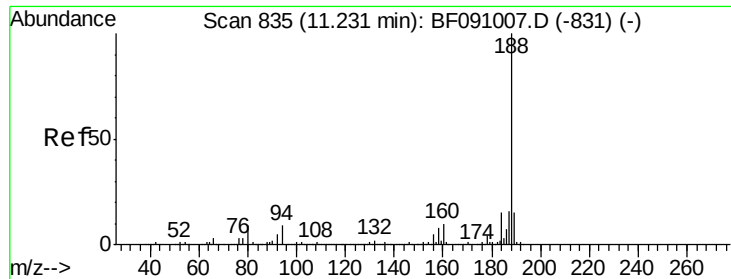
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#62
Azobenzene
Concen: 35.64 ng
RT: 10.40 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.9	11.0	51.0
105	21.8	5.6	45.6
51	26.1	2.7	42.7





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

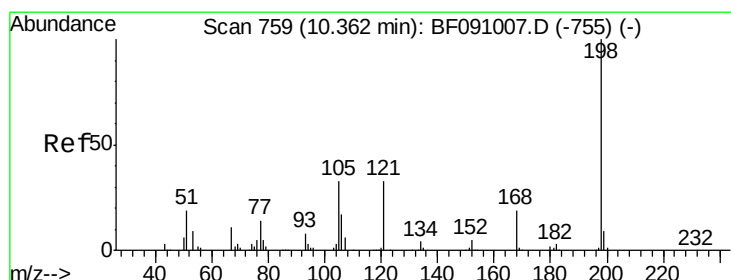
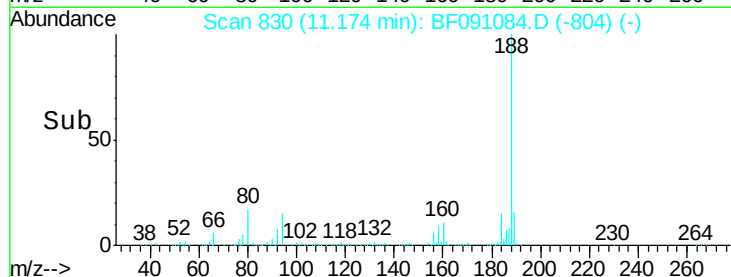
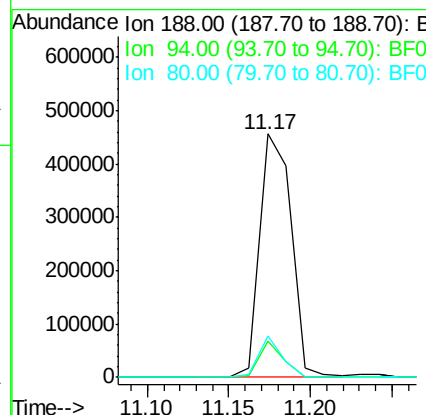
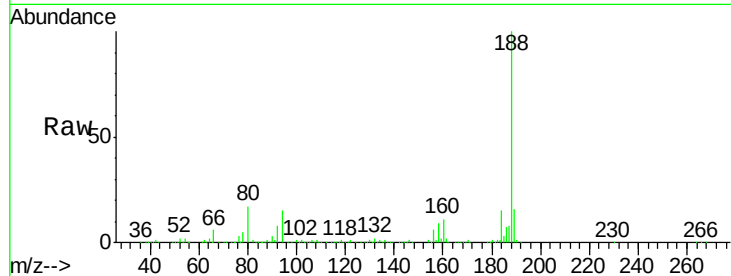
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	615899		
94	14.9		7.0	10.4#
80	17.1		7.5	11.3#

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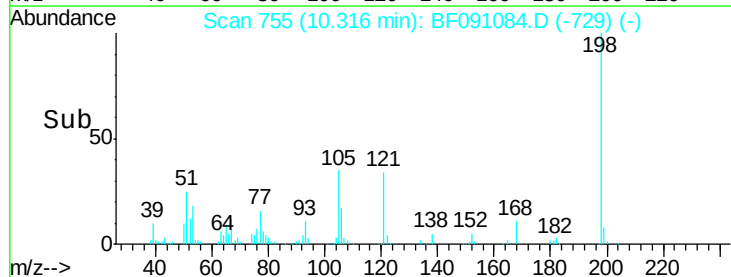
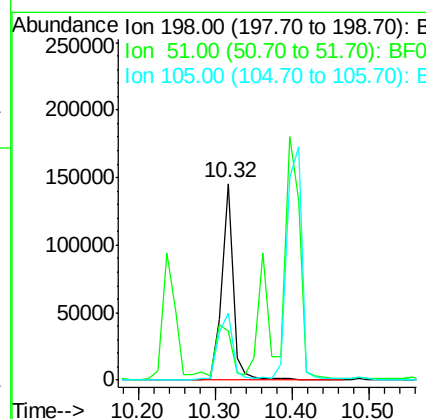
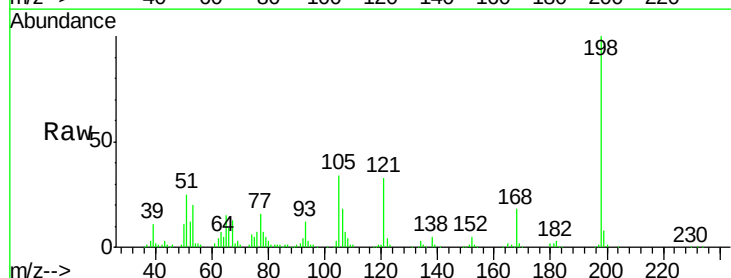
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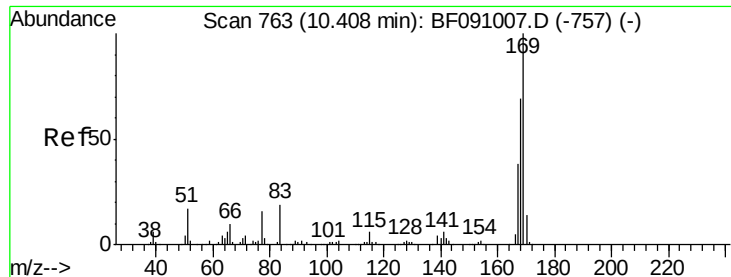
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.61 ng
RT: 10.32 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	153143		
51	25.0		5.9	45.9
105	34.2		13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 37.83 ng

RT: 10.36 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

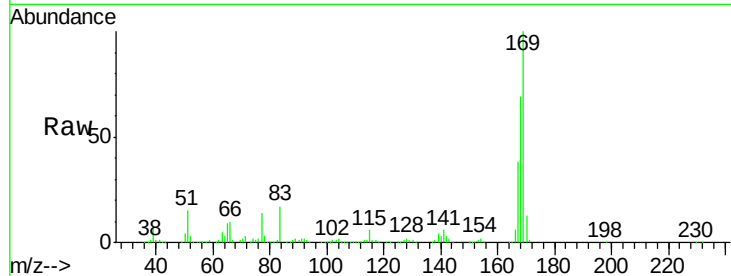
PB94597BSD

Tot Ion:	169	Resp:	740513
Ion Ratio	Lower	Upper	
169	100		
168	68.7	55.3	82.9
167	37.5	30.3	45.5

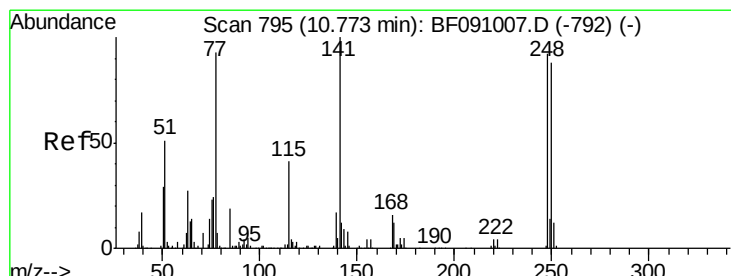
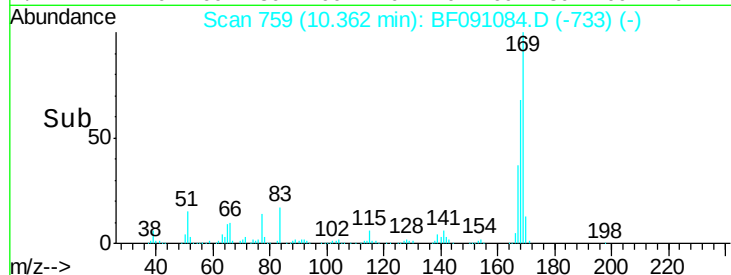
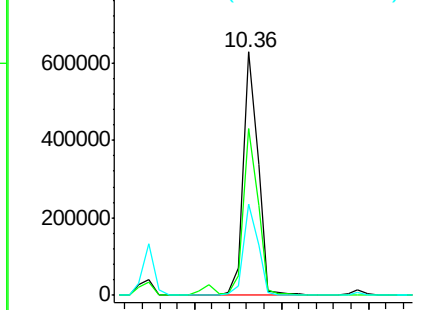
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.58 ng

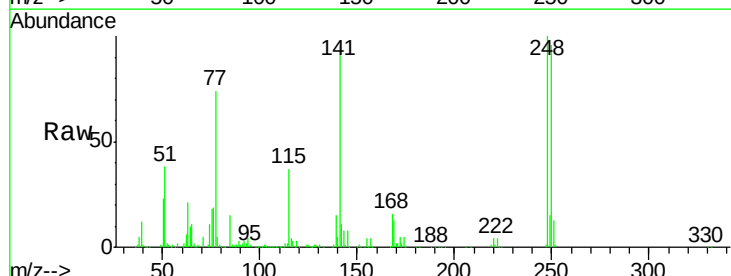
RT: 10.73 min Scan# 791

Delta R.T. 0.00 min

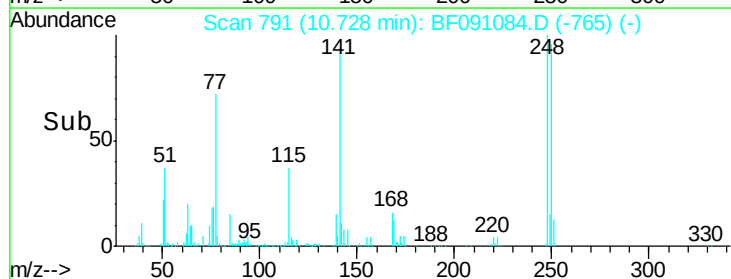
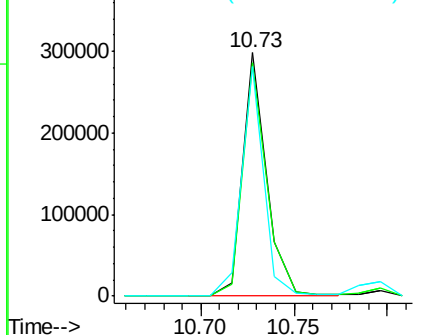
Lab File: BF091084.D

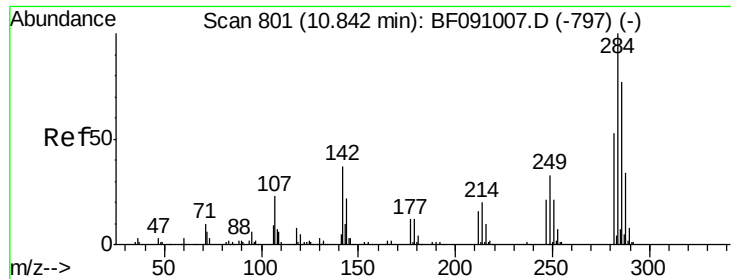
Acq: 8 Nov 2016 16:13

Tgt Ion:	248	Resp:	266379
Ion Ratio	Lower	Upper	
248	100		
250	95.6	76.3	114.5
141	94.5	86.8	130.2



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





#67

Hexachlorobenzene

Concen: 48.49 ng

RT: 10.80 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94597BSD

Tot Ion:284 Resp: 342636
Ion Ratio Lower Upper

284 100

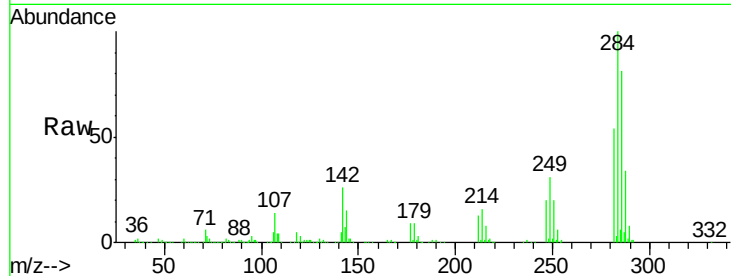
142 25.6 29.9 44.9#

249 31.2 26.6 39.8

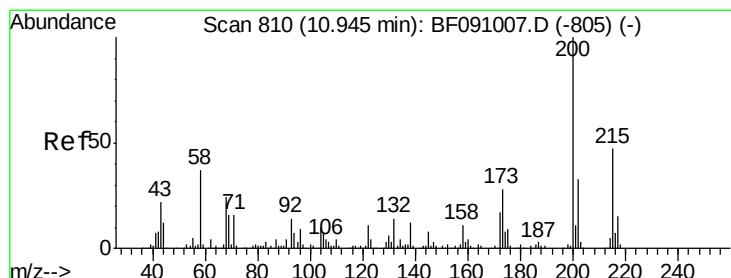
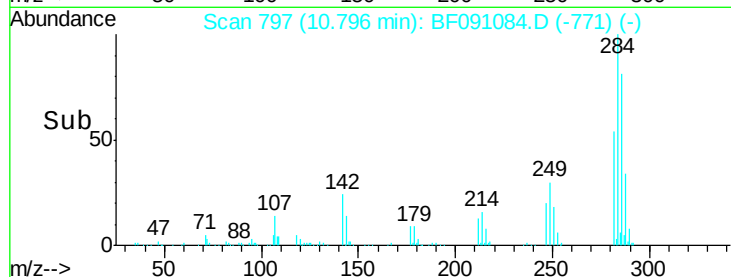
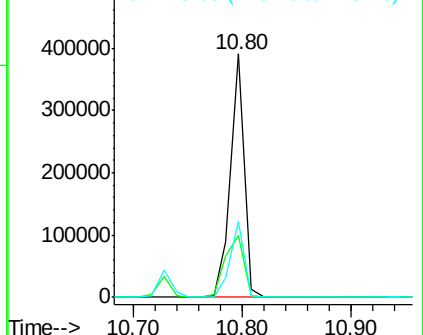
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.24 ng

RT: 10.90 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF091084.D

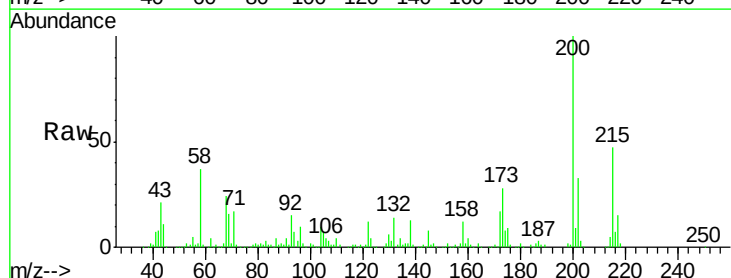
Acq: 8 Nov 2016 16:13

Tgt Ion:200 Resp: 227242
Ion Ratio Lower Upper

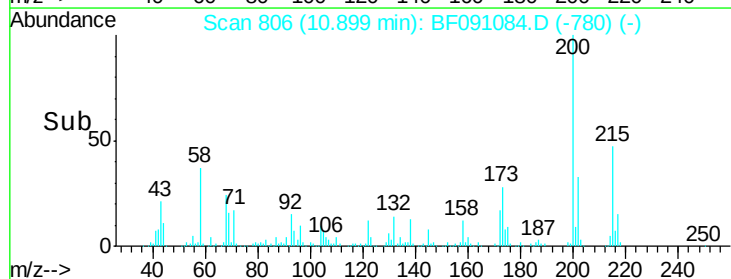
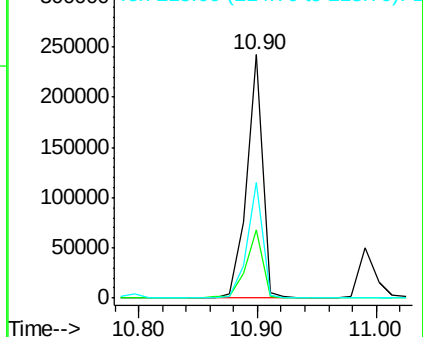
200 100

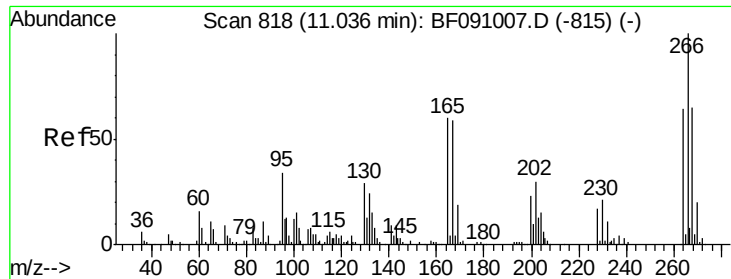
173 28.3 8.1 48.1

215 47.4 27.3 67.3



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: 85.16 ng
 RT: 10.99 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

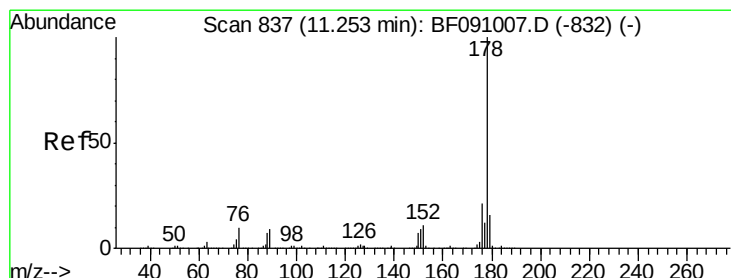
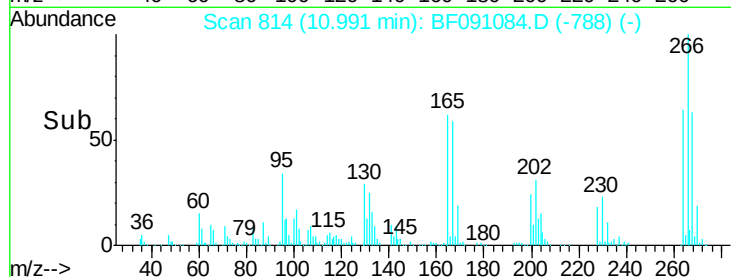
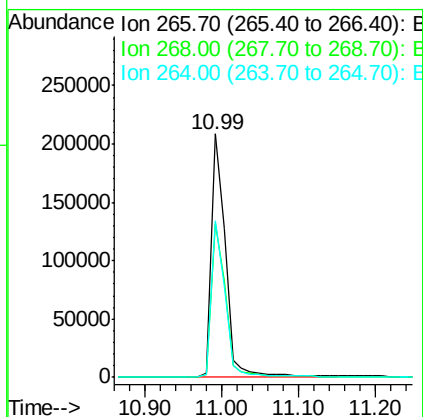
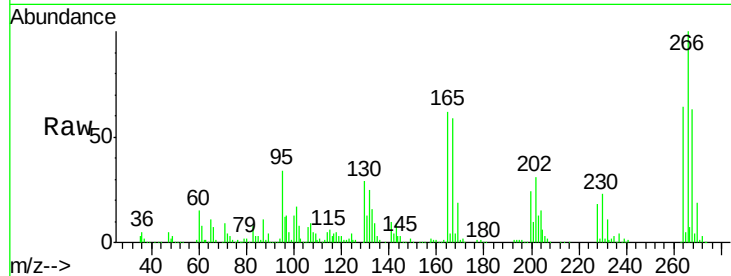
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.1	78.1
264	64.3	51.1	76.7

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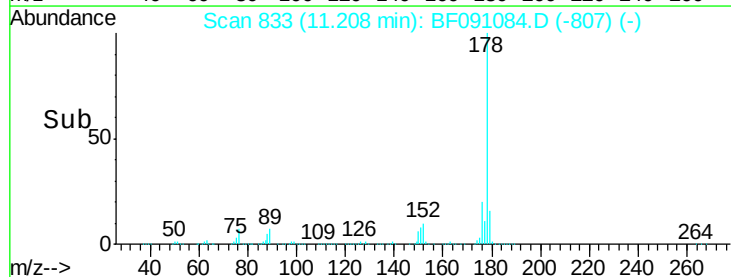
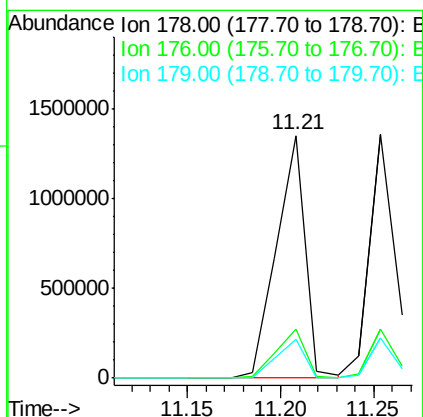
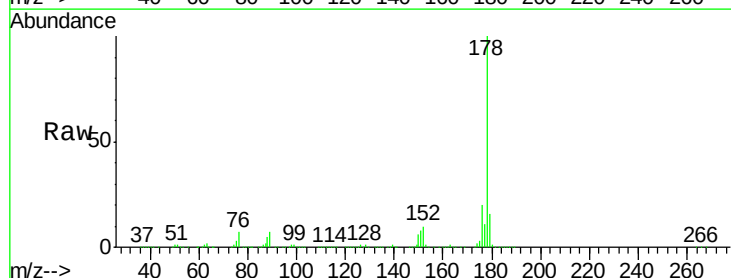
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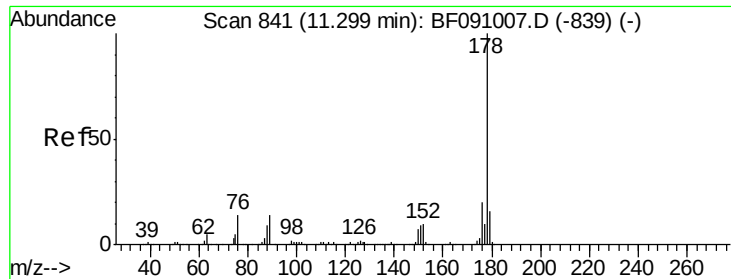
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#70
 Phenanthrene
 Concen: 44.18 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.9	12.9	19.3





#71
 Anthracene
 Concen: 37.71 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

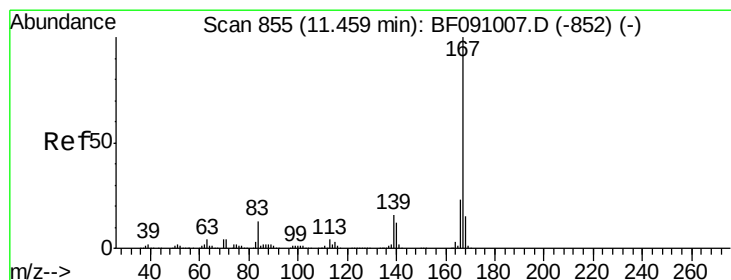
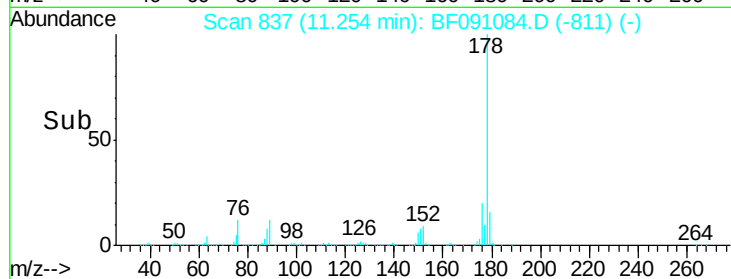
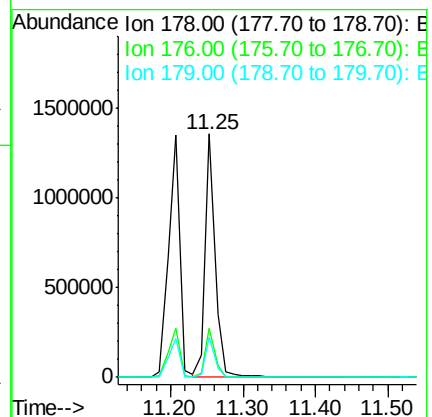
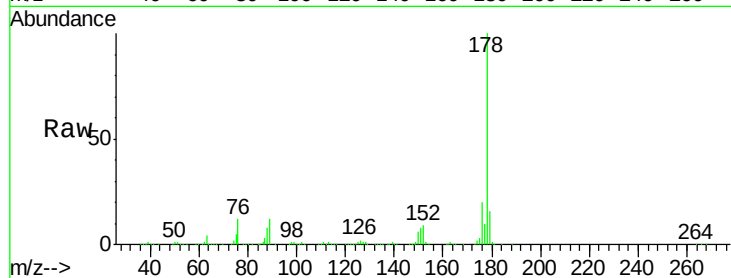
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion:178 Resp: 1312524
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.4 13.0 19.6

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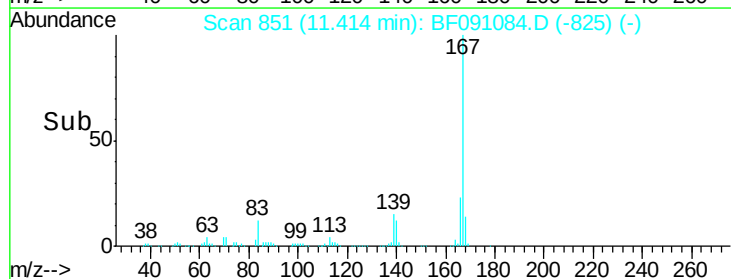
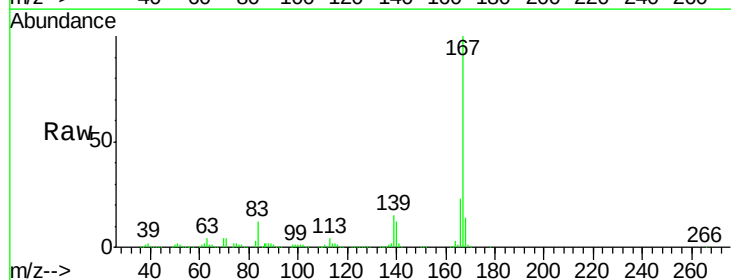
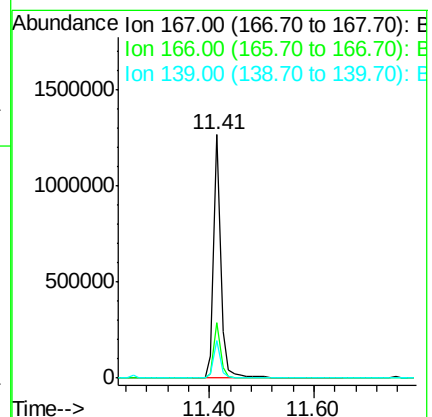
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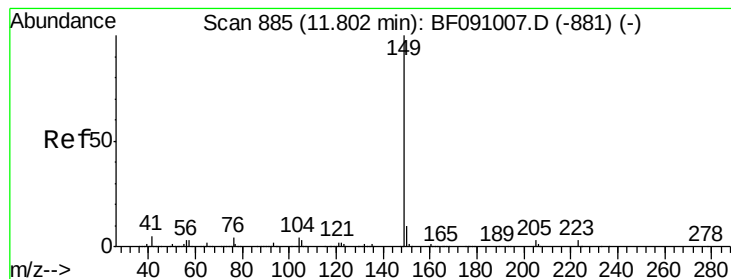
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#72
 Carbazole
 Concen: 38.72 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion:167 Resp: 1214489
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 15.2 12.6 18.8





#73

Di-n-butylphthalate

Concen: 41.79 ng

RT: 11.76 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94597BSD

Tot Ion:149 Resp: 1648751

Ion Ratio Lower Upper

149 100

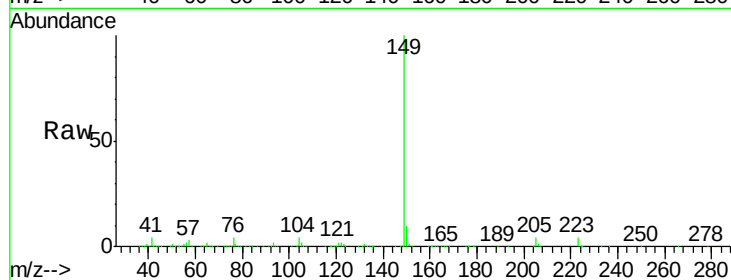
150 9.5 7.7 11.5

104 4.2 3.6 5.4

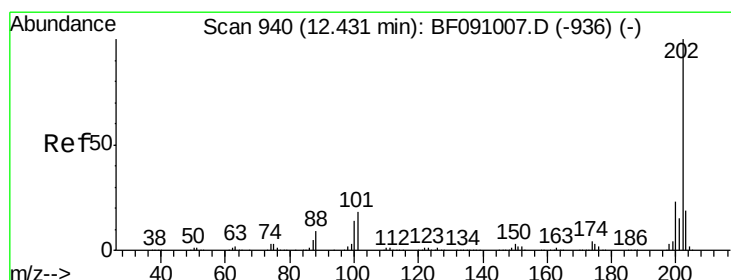
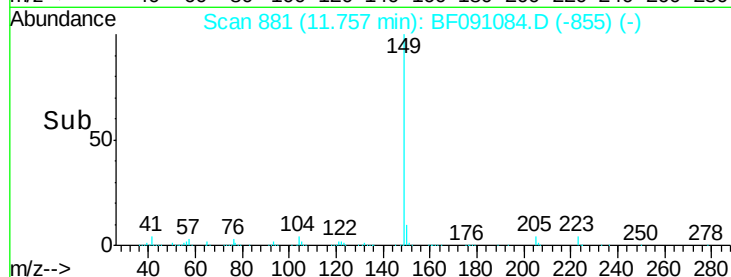
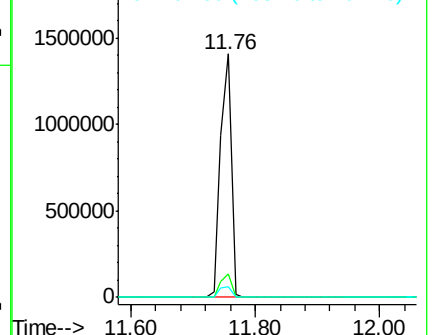
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.83 ng

RT: 12.39 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

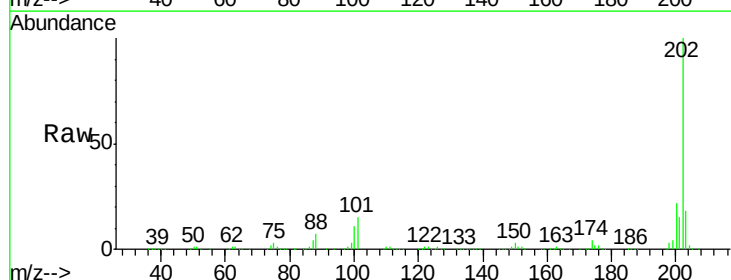
Tgt Ion:202 Resp: 1318497

Ion Ratio Lower Upper

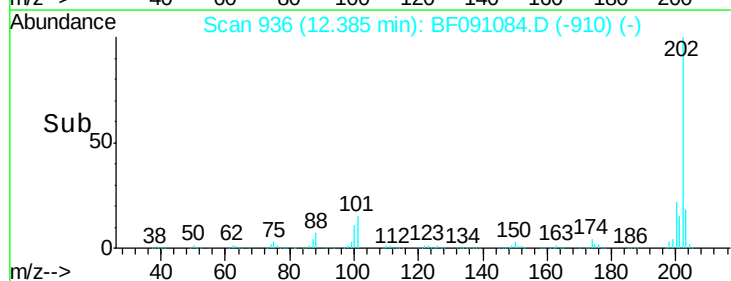
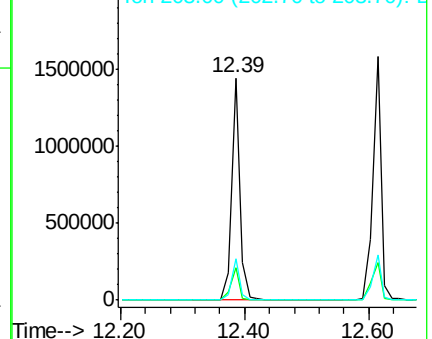
202 100

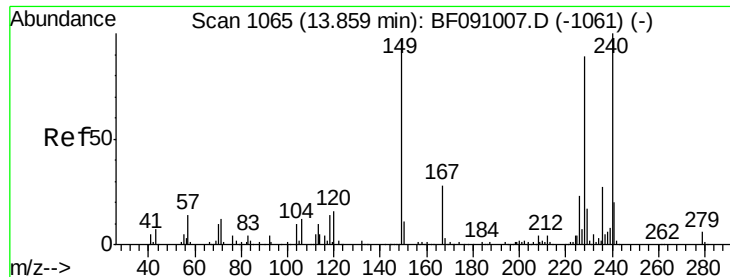
101 14.9 0.0 37.6

203 18.5 0.0 38.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94597BSD

Tot Ion:240 Resp: 574229

Ion Ratio Lower Upper

240 100

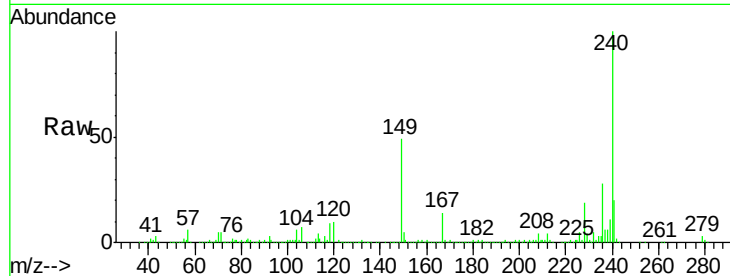
120 10.3 12.9 19.3#

236 27.8 21.9 32.9

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

800000

600000

400000

200000

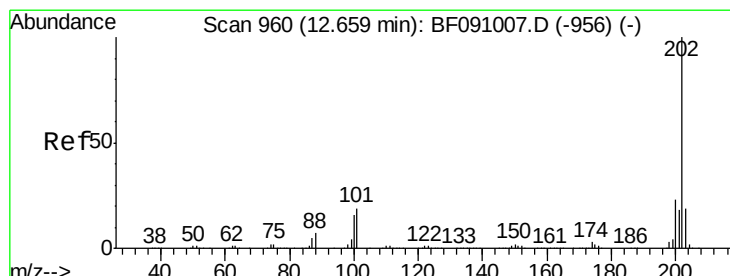
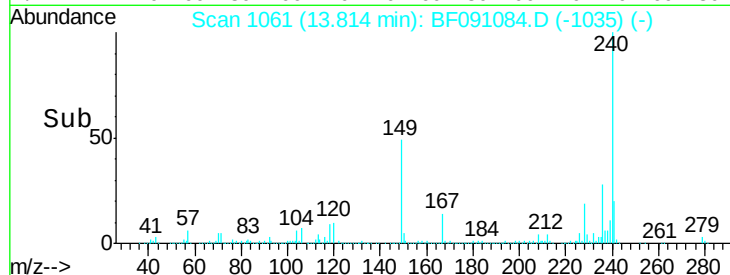
0

13.81

13.80

14.00

Time-->



#77

Pyrene

Concen: 38.45 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

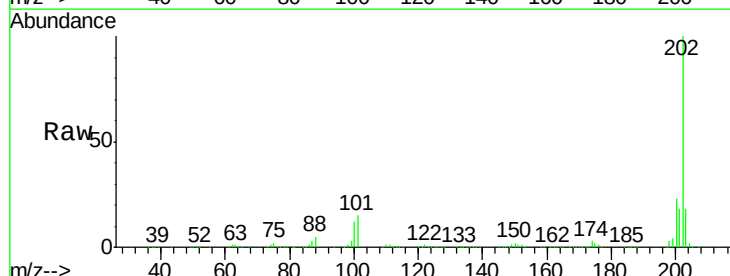
Tgt Ion:202 Resp: 1446054

Ion Ratio Lower Upper

202 100

200 23.0 18.4 27.6

203 18.5 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

2000000

1500000

1000000

500000

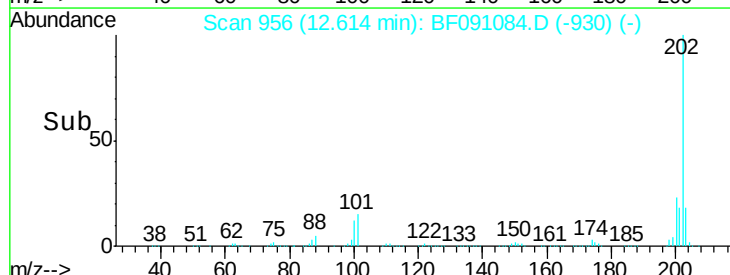
0

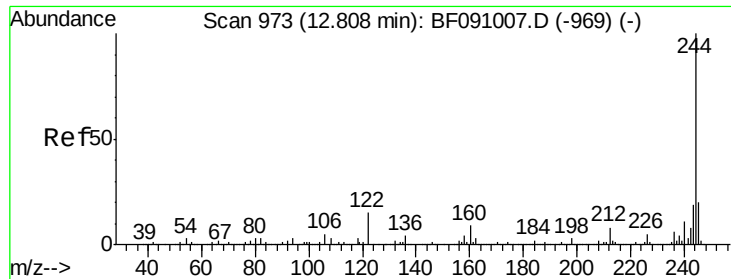
12.61

12.50

12.70

Time-->





#78
 Terphenyl-d14
 Concen: 76.05 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

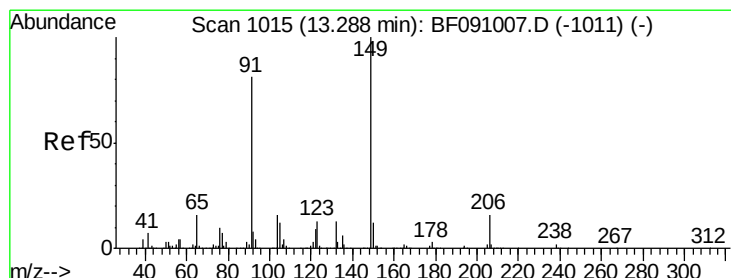
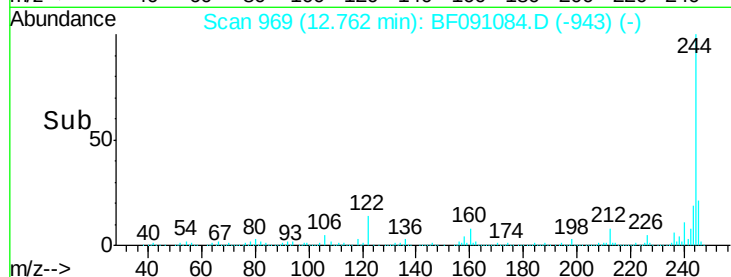
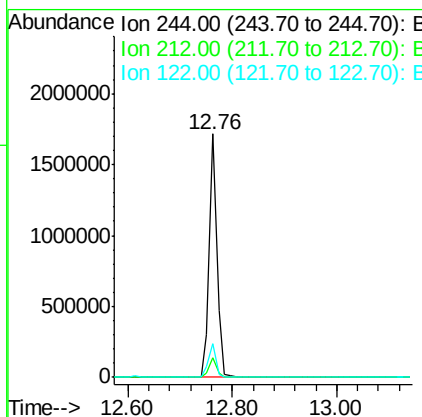
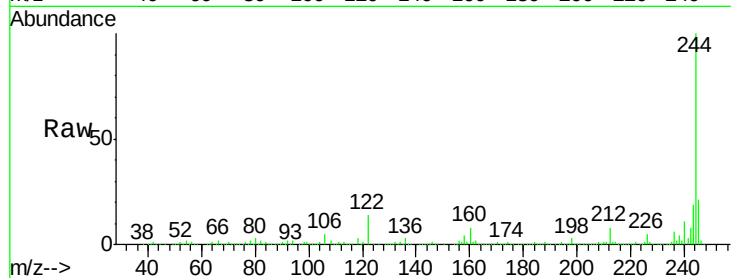
Instrument :
 BNA_F
 ClientSampleId :
 PB94597BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.8	12.3	18.5

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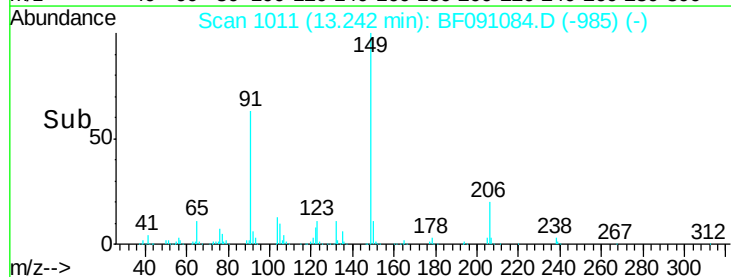
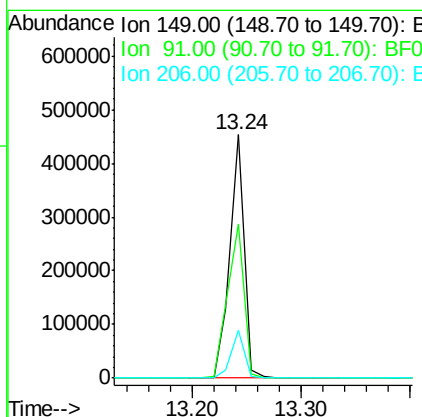
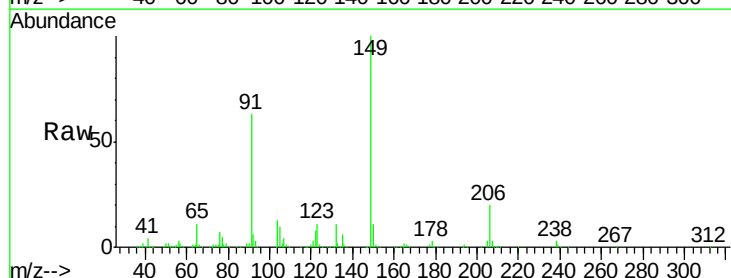
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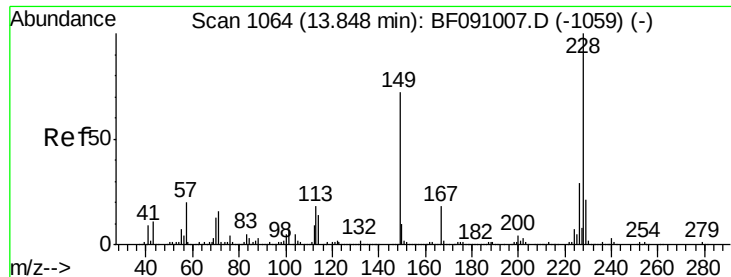
11/9/2016 10:56:50 AM



#79
 Butylbenzylphthalate
 Concen: 23.26 ng
 RT: 13.24 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF091084.D
 Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	65.0	97.4#
206	19.8	12.5	18.7#





#80
Benzo(a)anthracene
Concen: 37.12 ng
RT: 13.80 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

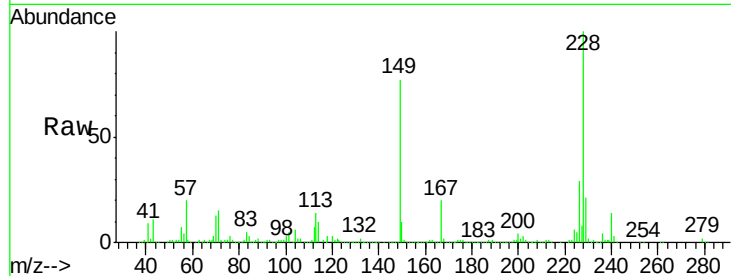
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion:228 Resp: 1210368
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.6
229 20.7 16.6 24.8

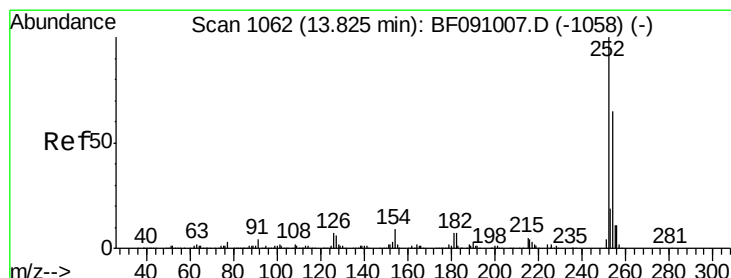
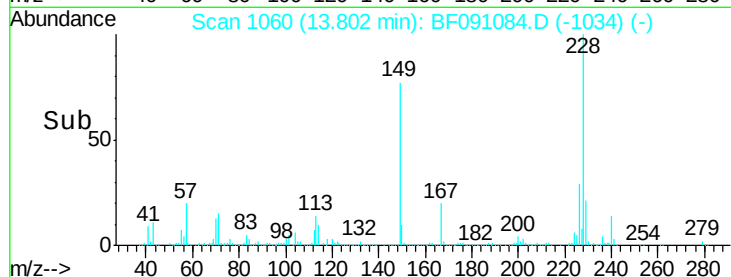
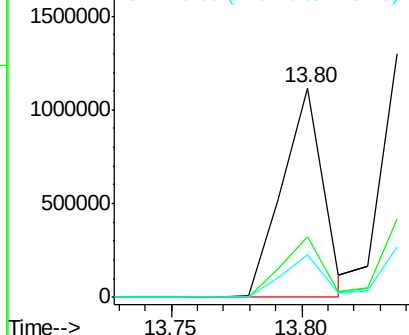
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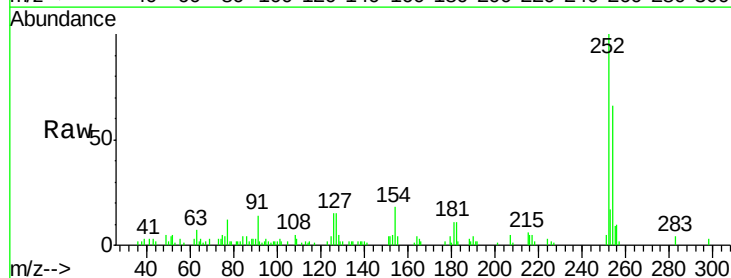


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

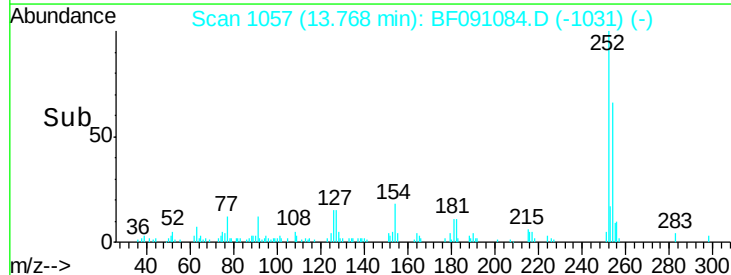
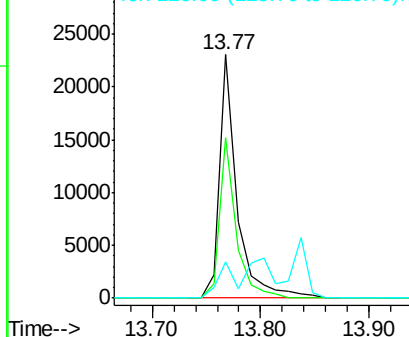


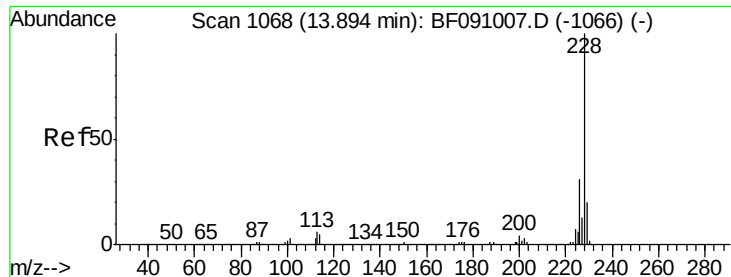
#81
3,3'-Dichlorobenzidine
Concen: 2.26 ng
RT: 13.77 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion:252 Resp: 25896
Ion Ratio Lower Upper
252 100
254 65.7 52.0 78.0
126 14.8 5.4 8.2#



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





#82

Chrysene

Concen: 36.40 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94597BSD

Tot Ion:228 Resp: 1170141

Ion Ratio Lower Upper

228 100

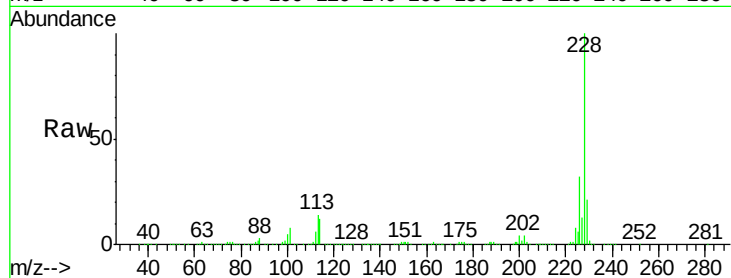
226 32.1 24.9 37.3

229 20.9 15.9 23.9

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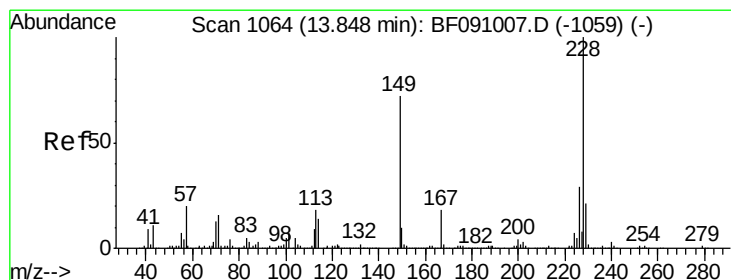
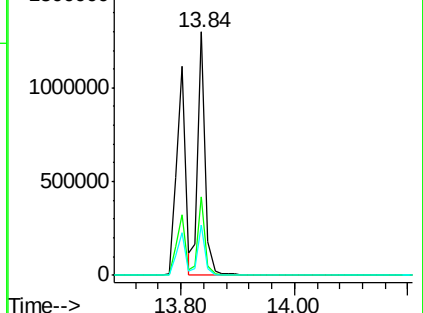
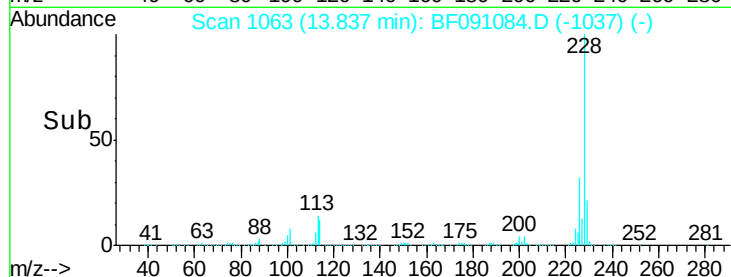
11/9/2016 10:56:50 AM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.45 ng

RT: 13.80 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

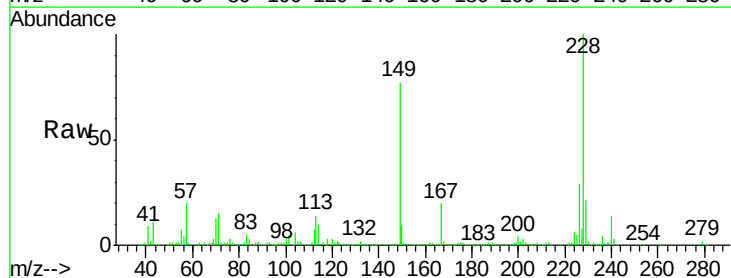
Tgt Ion:149 Resp: 862898

Ion Ratio Lower Upper

149 100

167 26.4 20.4 30.6

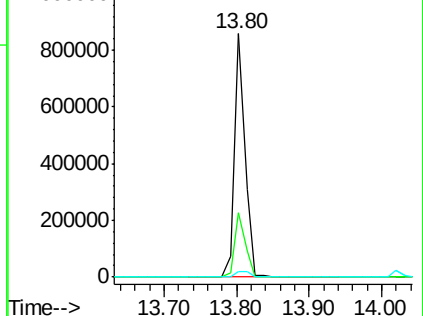
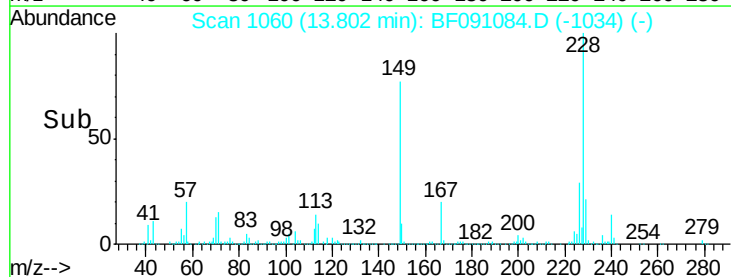
279 2.5 1.6 2.4#

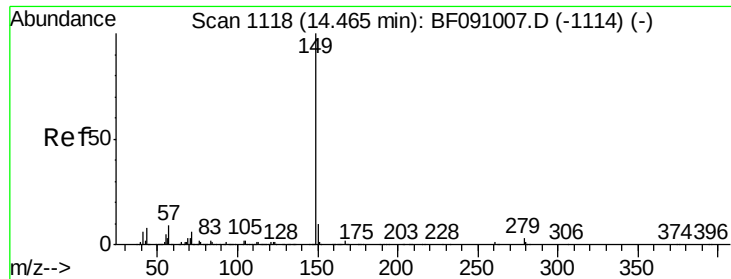


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84
Di-n-octyl phthalate
Concen: 38.47 ng
RT: 14.42 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

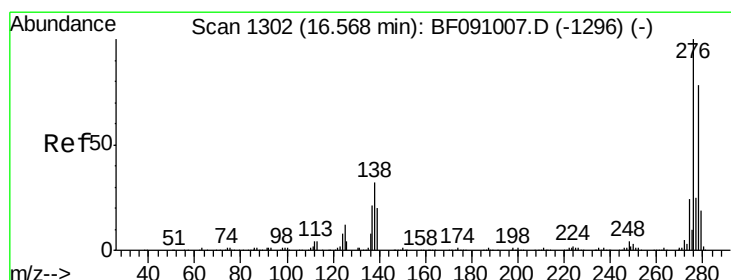
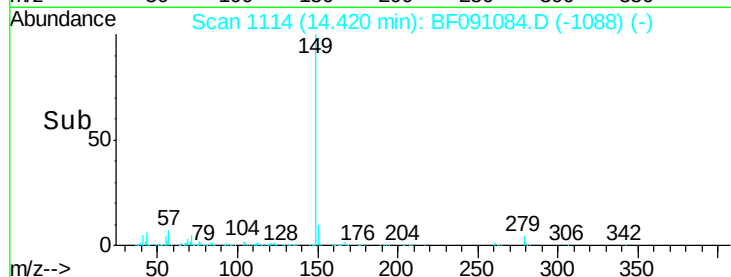
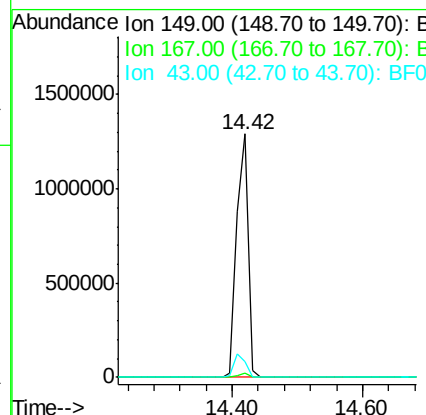
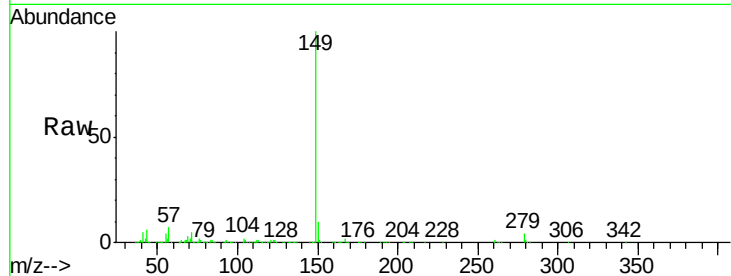
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.2	12.4

Manual Integrations
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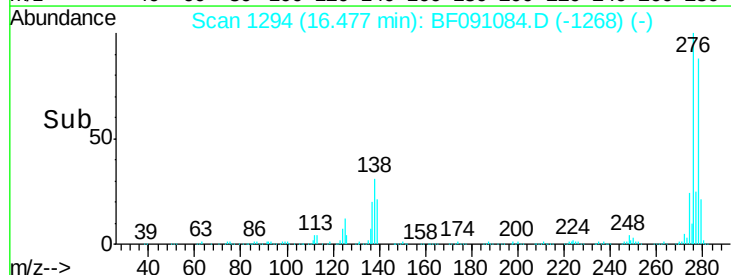
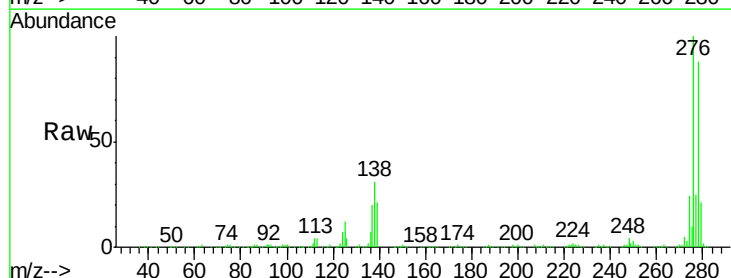
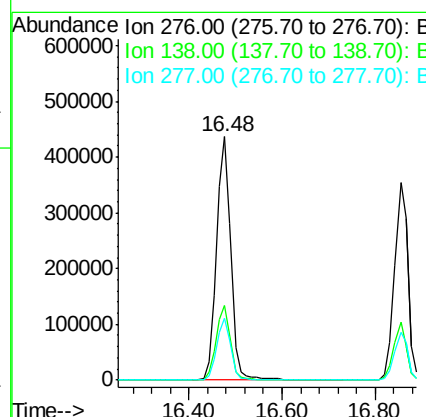
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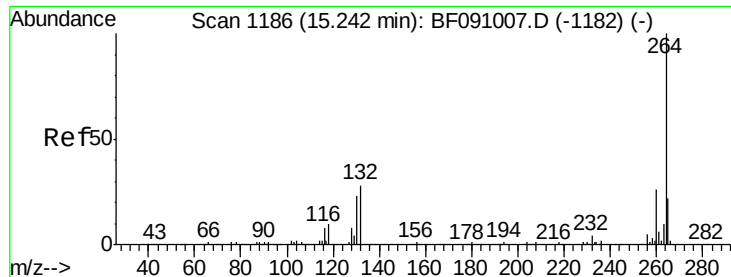
11/9/2016 10:56:50 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.17 ng
RT: 16.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.1	26.0	39.0
277	25.1	20.1	30.1





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

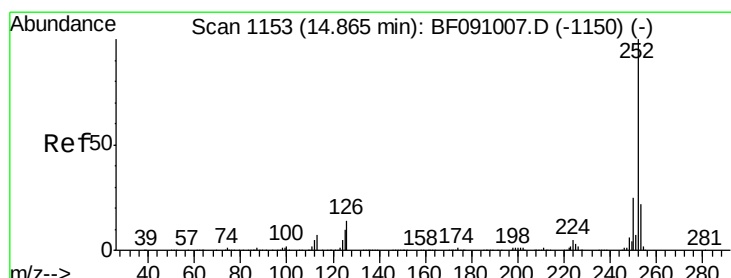
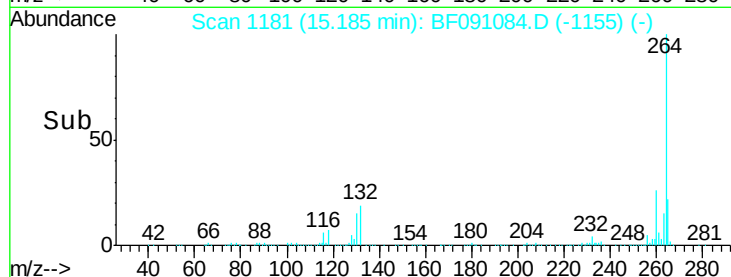
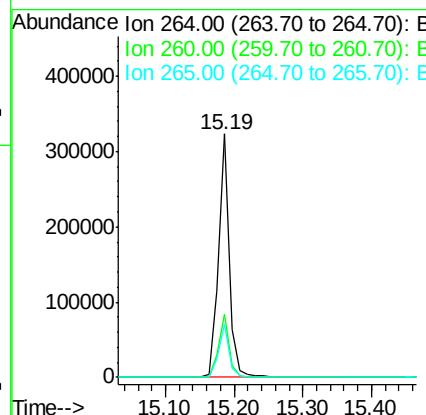
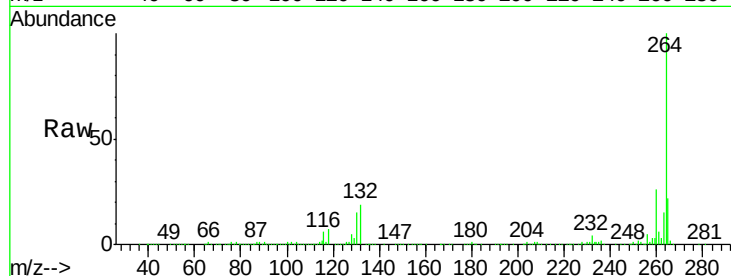
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	22.0	17.8	26.8

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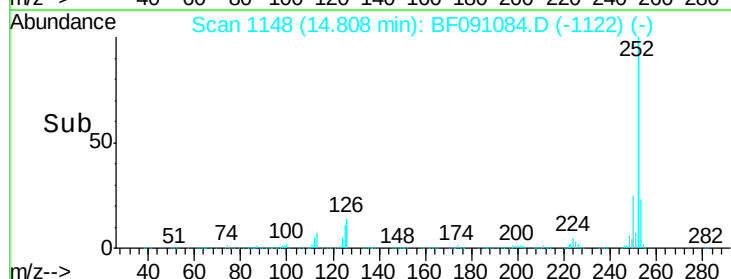
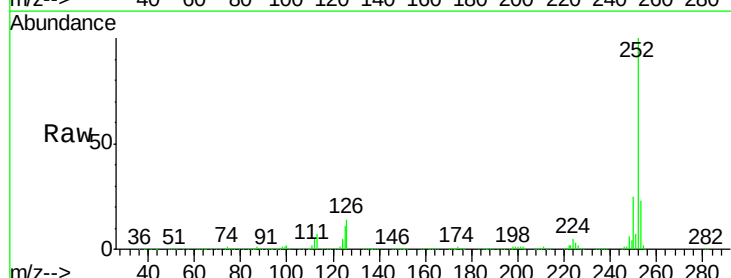
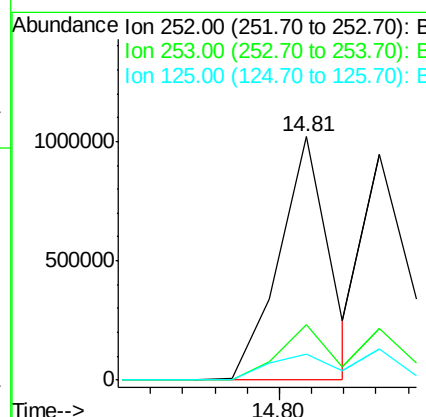
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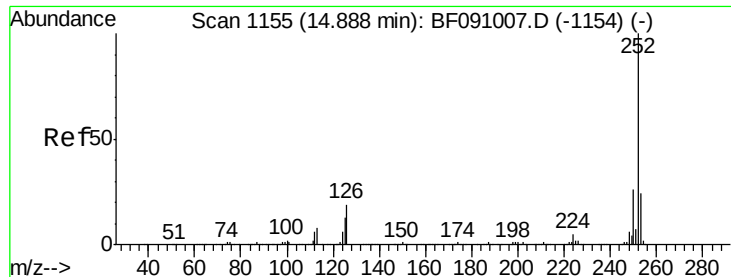
11/9/2016 10:56:50 AM



#87
Benzo(b)fluoranthene
Concen: 44.99 ng m
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.6	8.3	12.5





#88

Benzo(k)fluoranthene

Concen: 42.36 ng

RT: 14.83 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94597BSD

Tot Ion: 252 Resp: 916108
Ion Ratio Lower Upper

252 100

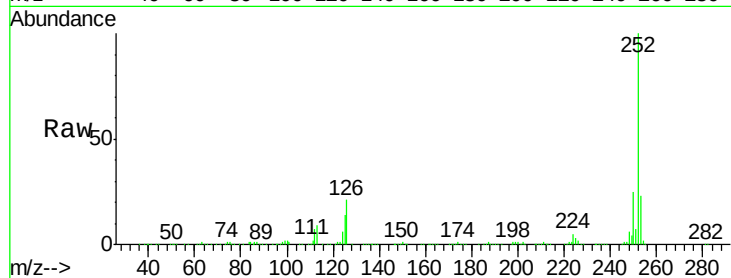
253 23.0 18.6 28.0

125 14.0 11.2 16.8

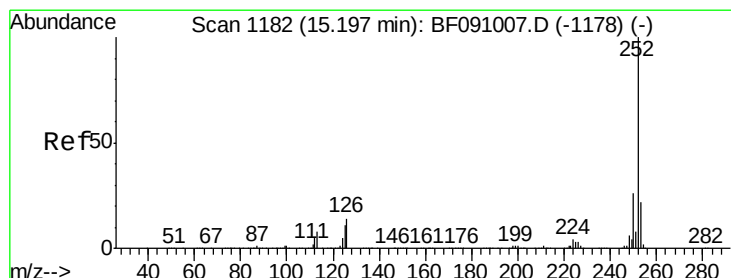
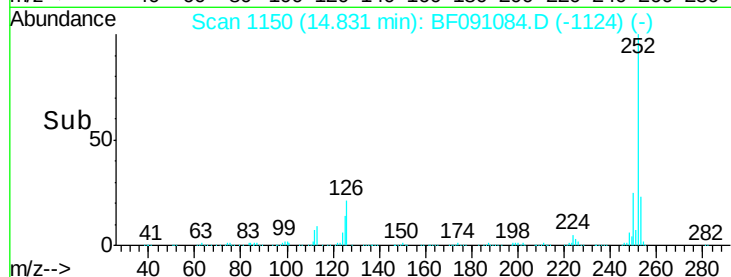
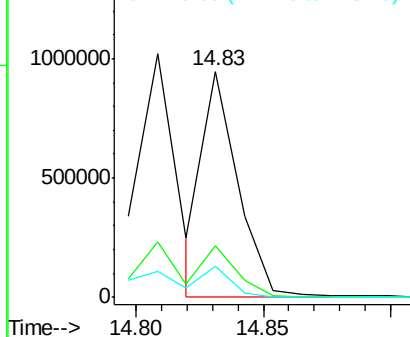
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 40.15 ng

RT: 15.13 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF091084.D

Acq: 8 Nov 2016 16:13

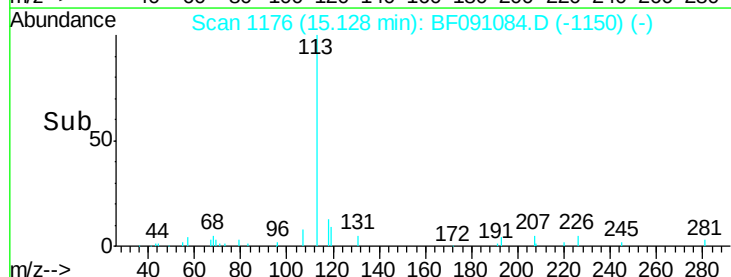
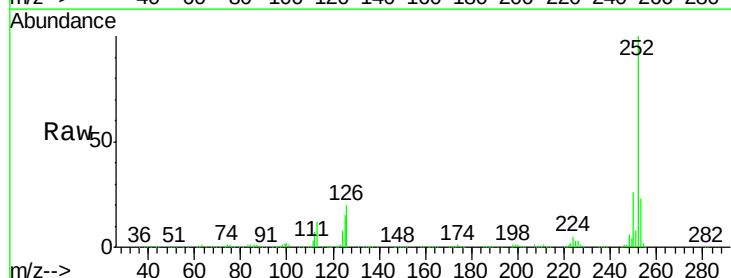
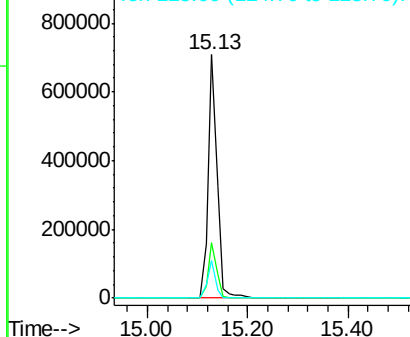
Tgt Ion: 252 Resp: 861794
Ion Ratio Lower Upper

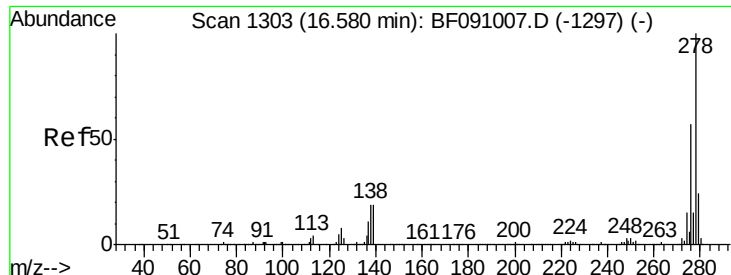
252 100

253 22.7 17.8 26.8

125 15.5 8.6 13.0#

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





#90
Dibenzo(a,h)anthracene
Concen: 43.27 ng
RT: 16.49 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

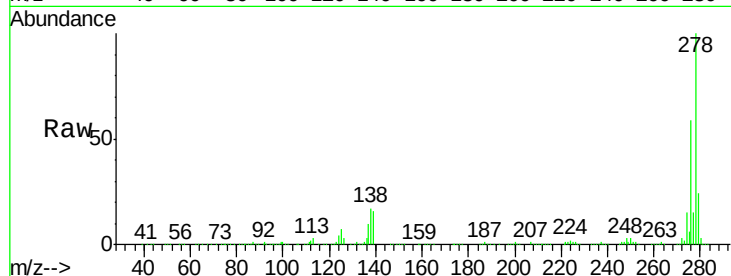
Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.3	22.9
279	23.8	19.3	28.9

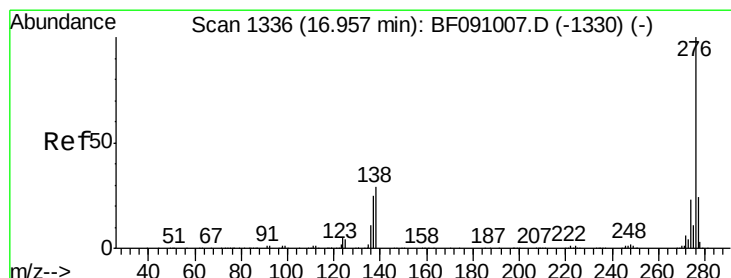
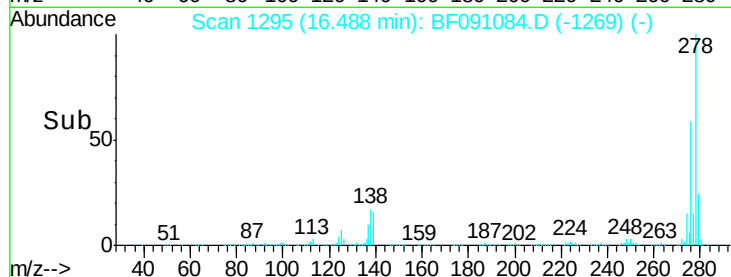
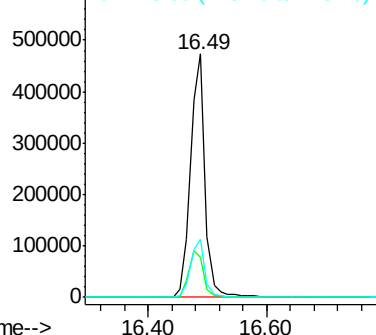
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.22 ng
RT: 16.85 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF091084.D
Acq: 8 Nov 2016 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	29.1	23.3	34.9

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

