

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090583.D
 Acq On : 15 Oct 2016 3:32
 Operator : UM/SJ
 Sample : PB94073BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Manual Integrations
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 10/17/2016 6:37:21 PM

Quant Time: Oct 15 04:50:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	211371	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	892609	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	413085	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	666350	20.00	ng	0.00
75) Chrysene-d12	14.10	240	426427	20.00	ng	0.00
86) Perylene-d12	15.56	264	369918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1778524	154.25	ng	0.01
7) Phenol-d6	6.57	99	2463945	143.82	ng	0.01
23) Nitrobenzene-d5	7.49	82	1630983	101.50	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	584728	158.77	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2367858	94.45	ng	0.00
78) Terphenyl-d14	13.04	244	2126641	116.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	255982	38.96	ng	96
3) Pyridine	3.38	79	648953	44.06	ng	93
4) n-Nitrosodimethylamine	3.33	42	262815	49.57	ng	95
6) Aniline	6.59	93	534877	25.84	ng	98
8) 2-Chlorophenol	6.70	128	715575	47.86	ng	100
9) Benzaldehyde	6.46	77	166750	15.31	ng	96
10) Phenol	6.58	94	1031744	52.66	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	778998	48.19	ng	98
12) 1,3-Dichlorobenzene	6.86	146	742345	49.79	ng	96
13) 1,4-Dichlorobenzene	6.93	146	761505	46.96	ng	93
14) 1,2-Dichlorobenzene	7.09	146	784888	51.78	ng	100
15) Benzyl Alcohol	7.07	79	656728	56.28	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1173986	51.60	ng	99
17) 2-Methylphenol	7.18	107	629169	54.00	ng	97
18) Hexachloroethane	7.43	117	315258	49.20	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	653821	55.66	ng	# 91
20) 3+4-Methylphenols	7.33	107	732151	51.83	ng	94
22) Acetophenone	7.33	105	1035898	52.53	ng	# 95
24) Nitrobenzene	7.50	77	823943	49.96	ng	99
25) Isophorone	7.74	82	1611986	55.12	ng	98
26) 2-Nitrophenol	7.82	139	402649	53.82	ng	95
27) 2,4-Dimethylphenol	7.87	122	645917	52.03	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	1005939	58.25	ng	99
29) 2,4-Dichlorophenol	8.07	162	553077	50.86	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	630429	49.50	ng	99
31) Naphthalene	8.23	128	2207560	48.55	ng	99
32) Benzoic acid	8.01	122	333172	43.69	ng	94
33) 4-Chloroaniline	8.28	127	164484	9.46	ng	97
34) Hexachlorobutadiene	8.35	225	373606	52.50	ng	99
35) Caprolactam	8.66	113	168854m	55.64	ng	
36) 4-Chloro-3-methylphenol	8.77	107	622202	49.59	ng	# 81
37) 2-Methylnaphthalene	8.92	142	1230118	46.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	641305	58.55	ng	98
40) Hexachlorocyclopentadiene	9.08	237	484057	90.47	ng	99

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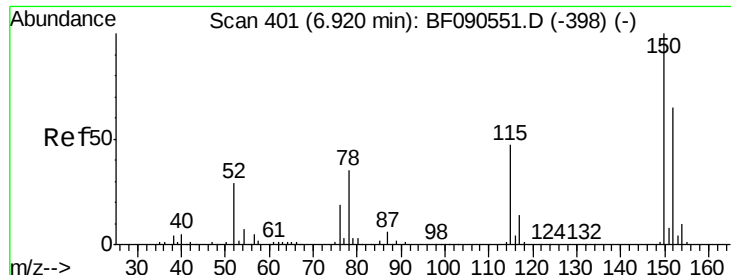
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	396177	64.13	nq	99
43) 2,4,5-Trichlorophenol	9.25	196	407861	55.34	nq	# 82
45) 1,1'-Biphenyl	9.39	154	1658525	52.76	nq	98
46) 2-Chloronaphthalene	9.41	162	1224731	52.25	nq	98
47) 2-Nitroaniline	9.51	65	386313	45.46	nq	# 81
48) Acenaphthylene	9.83	152	1848937	49.54	nq	99
49) Dimethylphthalate	9.70	163	1443873	53.87	nq	# 98
50) 2,6-Dinitrotoluene	9.75	165	339166	57.83	nq	92
51) Acenaphthene	10.01	154	1267195	51.08	nq	100
52) 3-Nitroaniline	9.93	138	163105	22.16	nq	94
53) 2,4-Dinitrophenol	10.03	184	212253	67.61	nq	# 66
54) Dibenzofuran	10.18	168	1738598	53.28	nq	99
55) 4-Nitrophenol	10.10	139	463563	104.67	nq	# 74
56) 2,4-Dinitrotoluene	10.15	165	405423	50.90	nq	94
57) Fluorene	10.52	166	1383637	51.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	351750	57.30	nq	94
59) Diethylphthalate	10.39	149	1535988	56.51	nq	# 94
60) 4-Chlorophenyl-phenylether	10.51	204	717566	56.55	nq	97
61) 4-Nitroaniline	10.54	138	304023	41.20	nq	96
62) Azobenzene	10.67	77	1580278	50.26	nq	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	162711	40.35	nq	95
65) n-Nitrosodiphenylamine	10.63	169	1177911	53.52	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	419208	58.63	nq	98
67) Hexachlorobenzene	11.07	284	438846	56.53	nq	# 62
68) Atrazine	11.16	200	379303	62.31	nq	92
69) Pentachlorophenol	11.26	266	445020	115.66	nq	98
70) Phenanthrene	11.48	178	1810027	50.89	nq	99
71) Anthracene	11.53	178	1929155	50.39	nq	100
72) Carbazole	11.69	167	1683028	49.11	nq	99
73) Di-n-butylphthalate	12.02	149	2255574	56.18	nq	99
74) Fluoranthene	12.67	202	1720513	48.09	nq	99
76) Benzidine	12.80	184	259653	24.47	nq	97
77) Pyrene	12.90	202	1618125	57.29	nq	100
79) Butylbenzylphthalate	13.52	149	834253	66.67	nq	99
80) Benzo(a)anthracene	14.09	228	1197967m	49.35	nq	
81) 3,3'-Dichlorobenzidine	14.05	252	300694	36.26	nq	99
82) Chrysene	14.12	228	1299624m	55.56	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	1143062	67.71	nq	100
84) Di-n-octyl phthalate	14.69	149	1625517	71.82	nq	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1159151	85.71	nq	98
87) Benzo(b)fluoranthene	15.14	252	1215172	50.20	nq	# 94
88) Benzo(k)fluoranthene	15.16	252	1154661m	44.33	nq	
89) Benzo(a)pyrene	15.50	252	1152352	52.00	nq	# 95
90) Dibenzo(a,h)anthracene	17.04	278	1001475	59.26	nq	98
91) Benzo(g,h,i)perylene	17.46	276	872356	54.13	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090583.D

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Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:152 Resp: 211371

Ion Ratio Lower Upper

152 100

150 158.5 127.2 190.8

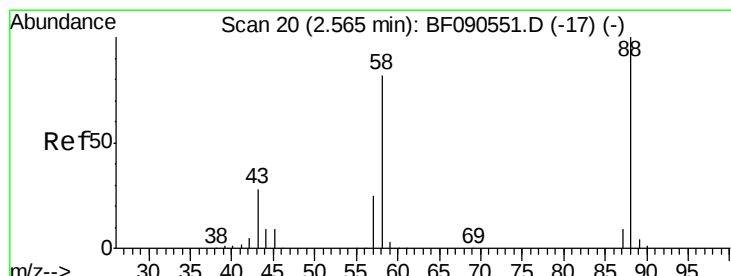
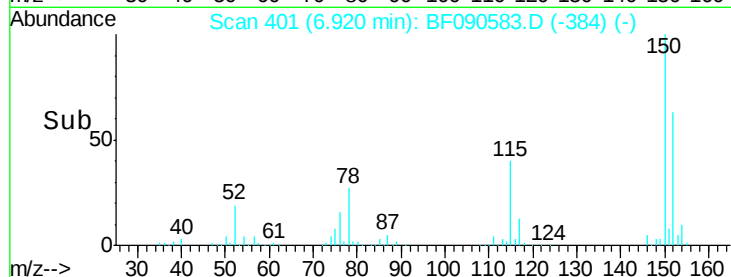
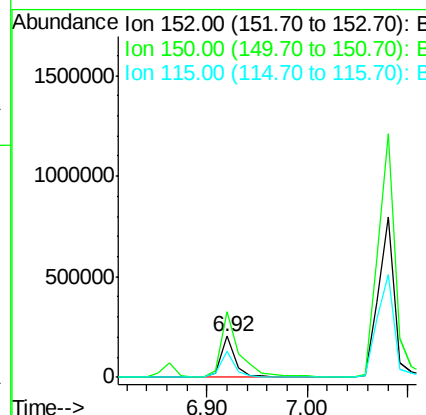
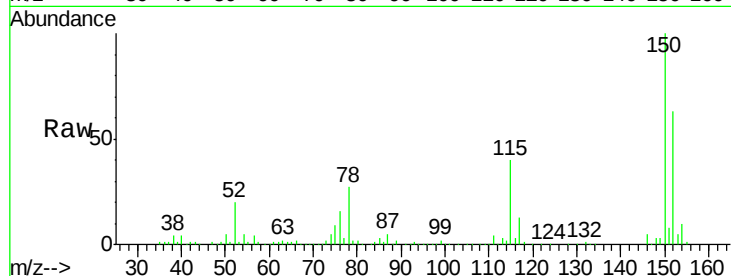
115 63.6 58.6 88.0

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#2

1,4-Dioxane

Concen: 38.96 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

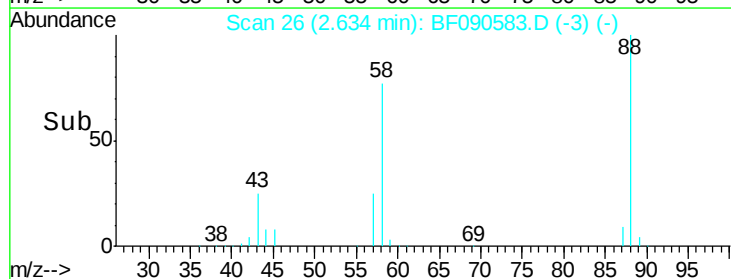
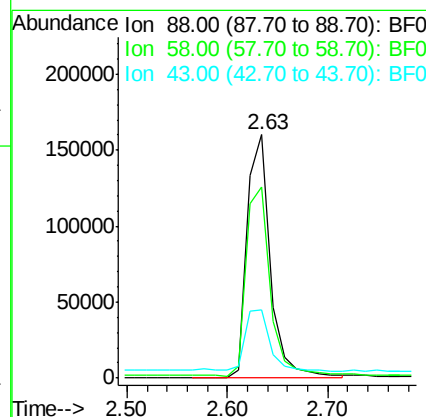
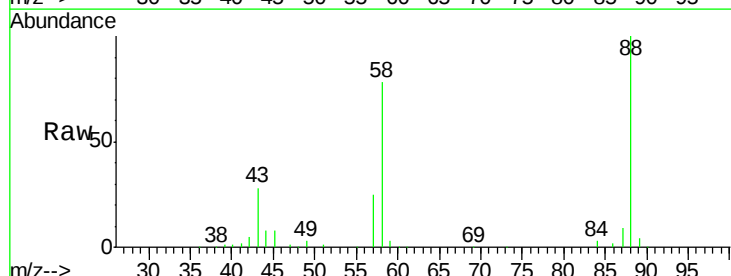
Tgt Ion: 88 Resp: 255982

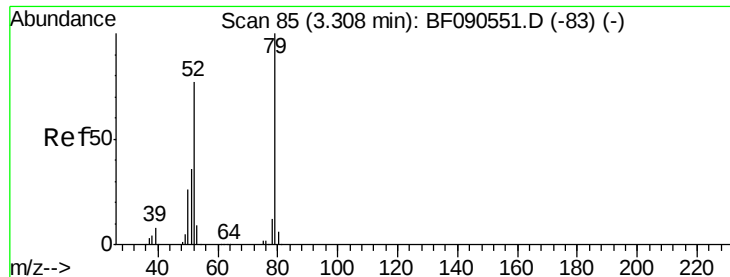
Ion Ratio Lower Upper

88 100

58 80.3 67.2 100.8

43 28.2 24.1 36.1





#3

Pvridine

Concen: 44.06 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

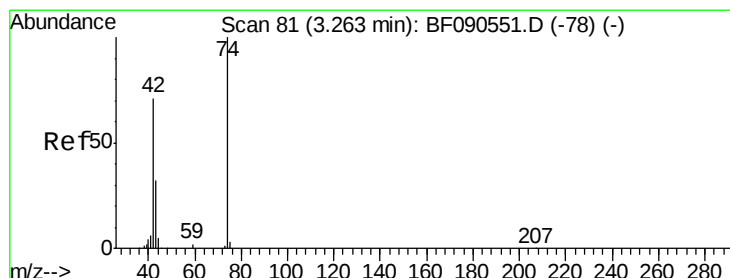
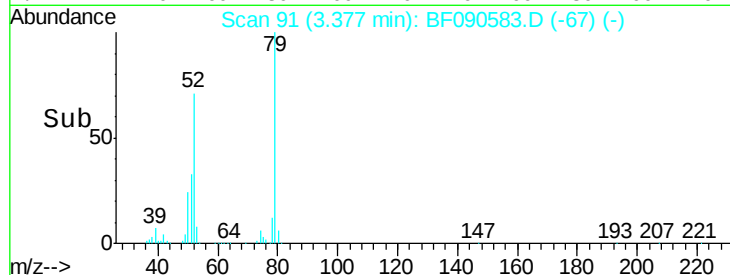
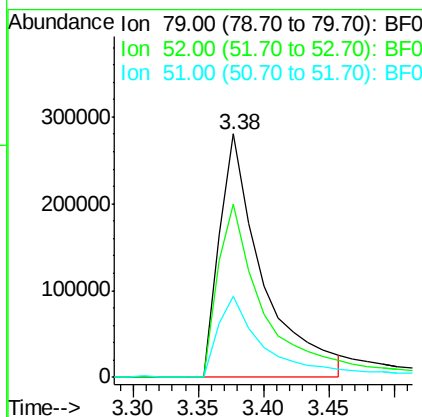
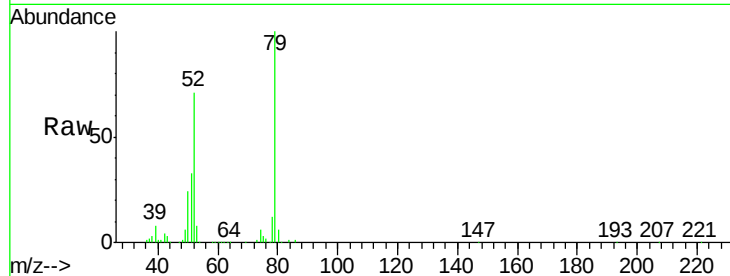
ClientSampleId :

PB94073BS

Tot Ion:	79	Resp:	648953
Ion Ratio	Lower	Upper	
79	100		
52	71.0	61.8	92.8
51	33.4	29.2	43.8

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#4

n-Nitrosodimethylamine

Concen: 49.57 ng

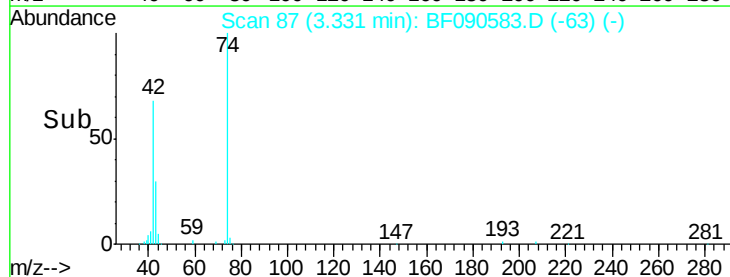
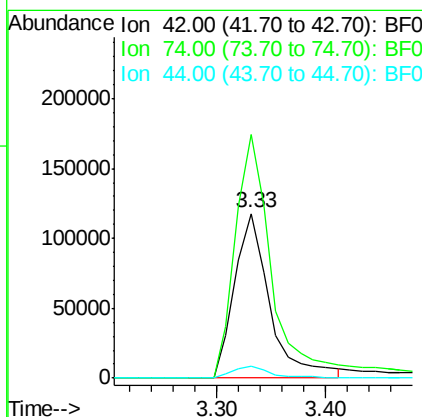
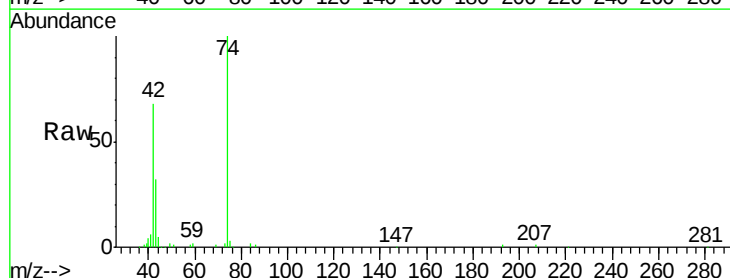
RT: 3.33 min Scan# 87

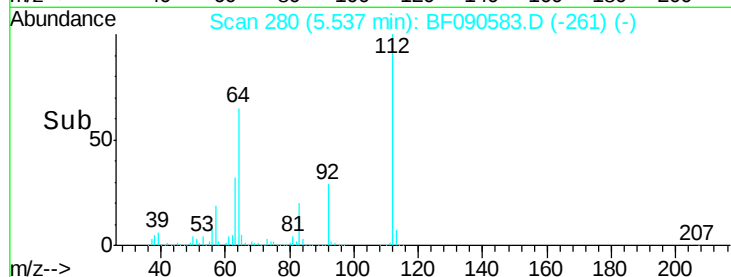
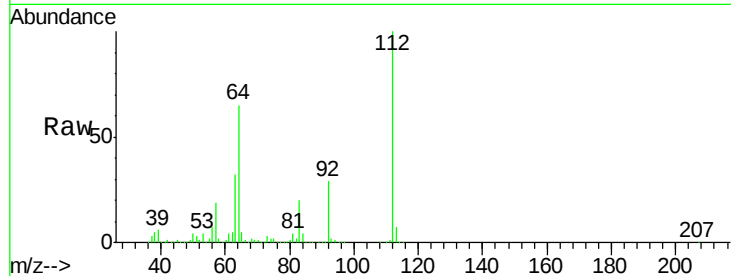
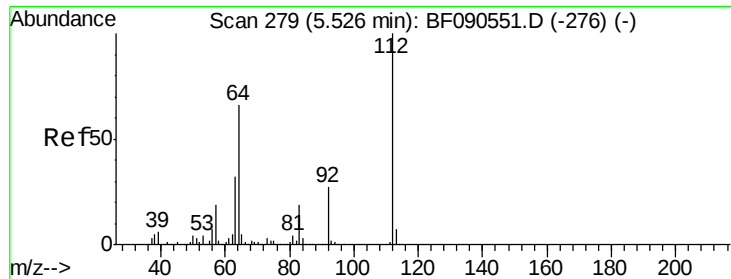
Delta R.T. 0.07 min

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Tgt Ion:	42	Resp:	262815
Ion Ratio	Lower	Upper	
42	100		
74	147.9	113.3	169.9
44	7.5	6.0	9.0





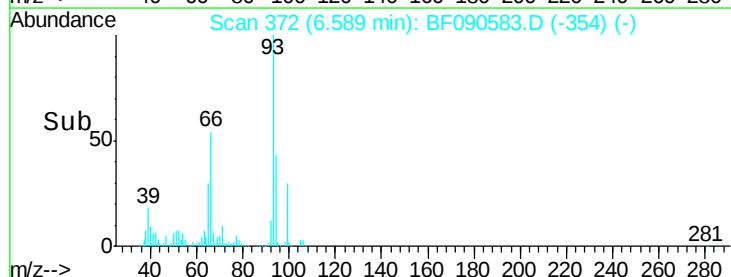
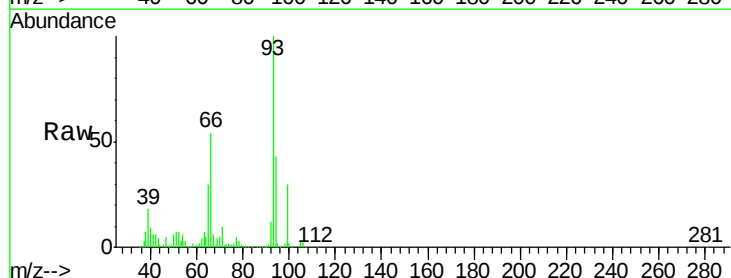
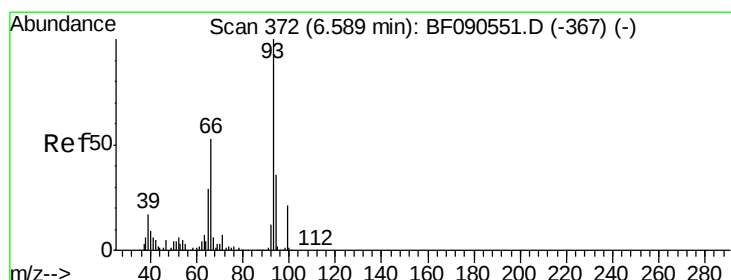
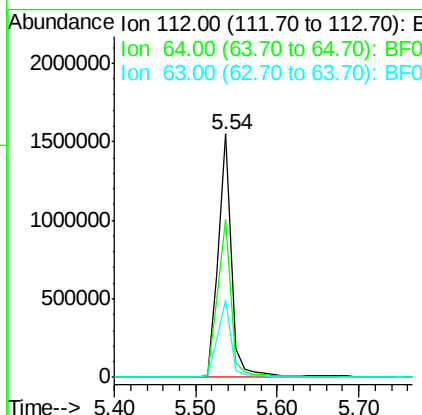
#5
2-Fluorophenol
Concen: 154.25 ng
RT: 5.54 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.6	78.8
63	31.8	26.0	39.0

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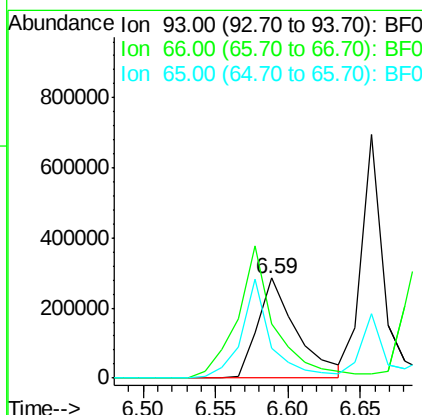
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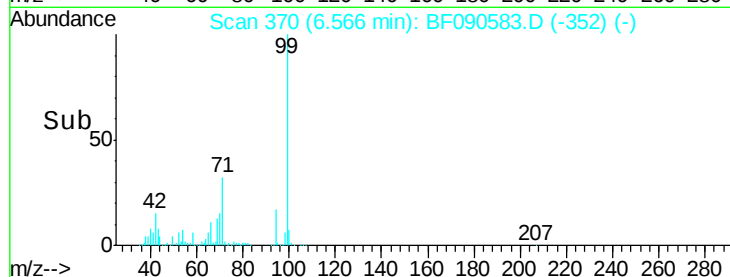
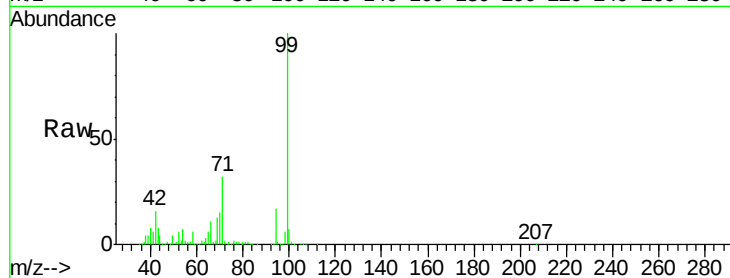
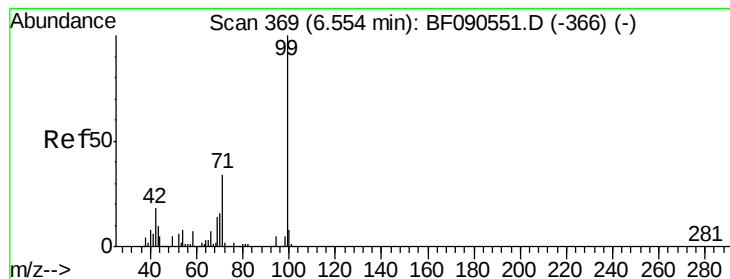
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#6
Aniline
Concen: 25.84 ng
RT: 6.59 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	54.0	42.2	63.2
65	30.4	22.9	34.3





#7

Phenol-d6

Concen: 143.82 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tot Ion: 99 Resp: 2463945

Ion Ratio Lower Upper

99 100

42 15.5 14.7 22.1

71 32.2 27.6 41.4

Instrument :

BNA_F

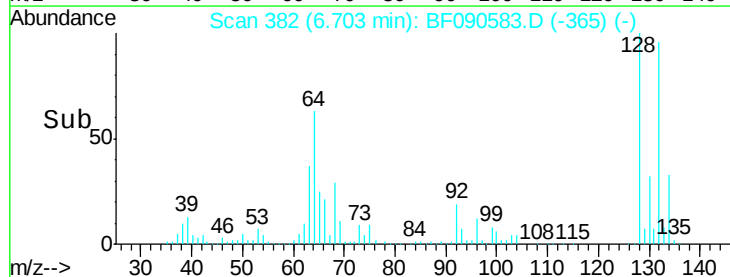
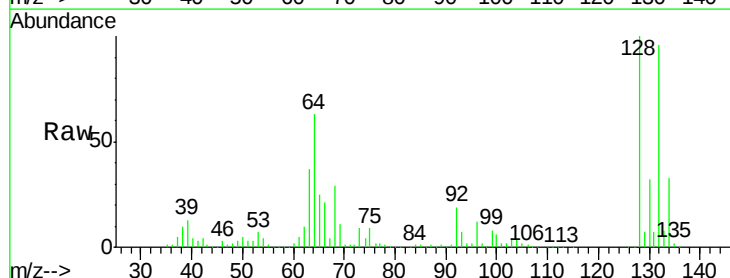
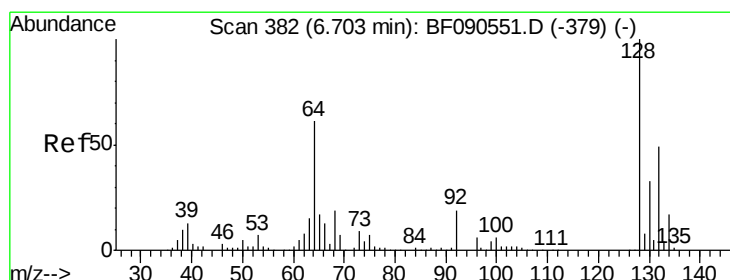
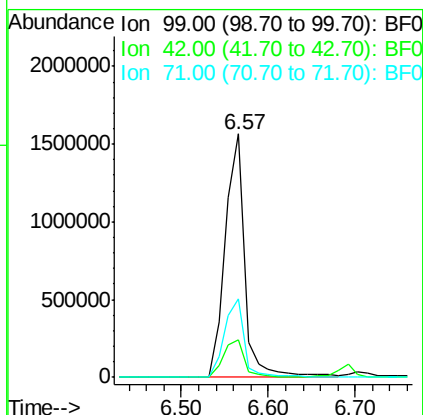
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#8

2-Chlorophenol

Concen: 47.86 ng

RT: 6.70 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

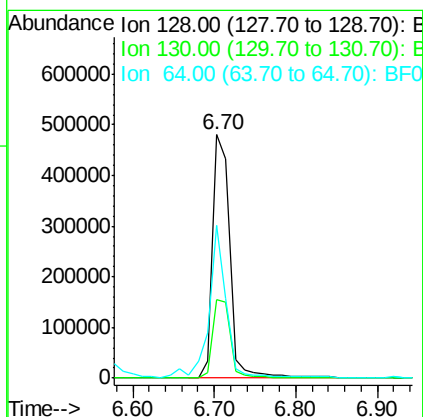
Tgt Ion:128 Resp: 715575

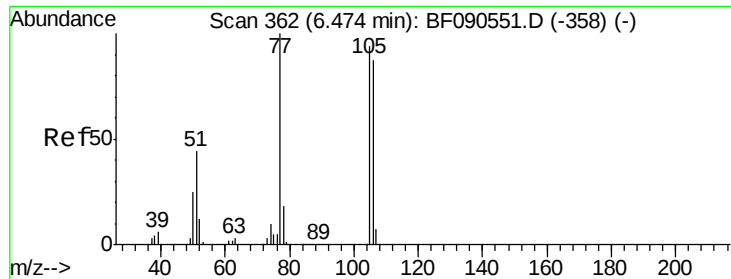
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 62.9 42.6 82.6





#9

Benzaldehyde

Concen: 15.31 ng

RT: 6.46 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

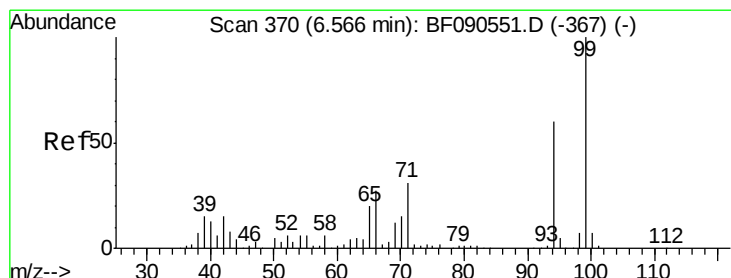
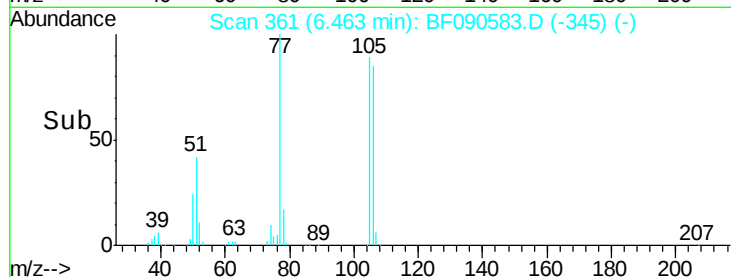
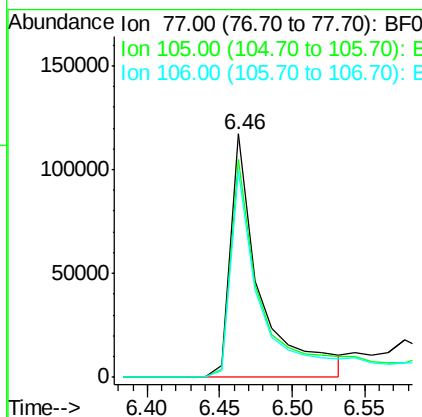
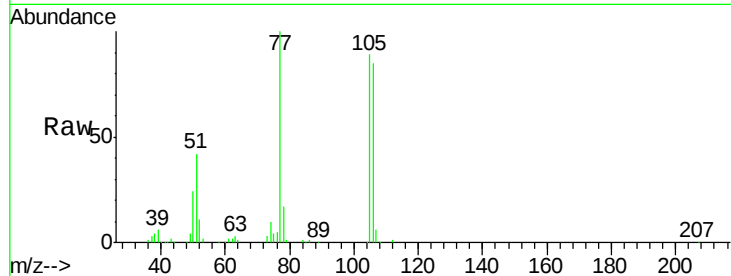
ClientSampleId :

PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	89.3	74.3	114.3		
106	84.7	67.2	107.2		

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#10

Phenol

Concen: 52.66 ng

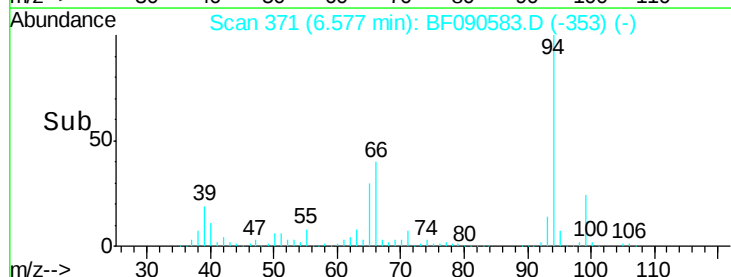
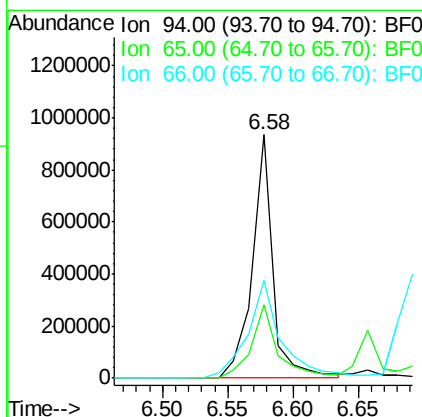
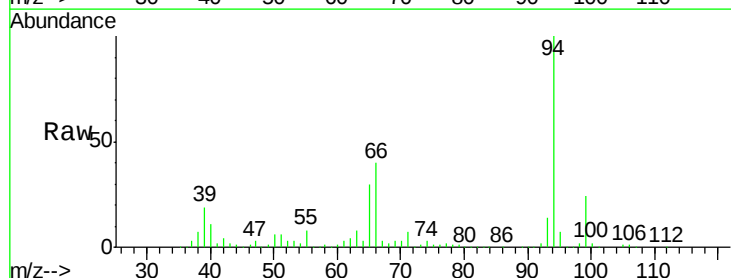
RT: 6.58 min Scan# 371

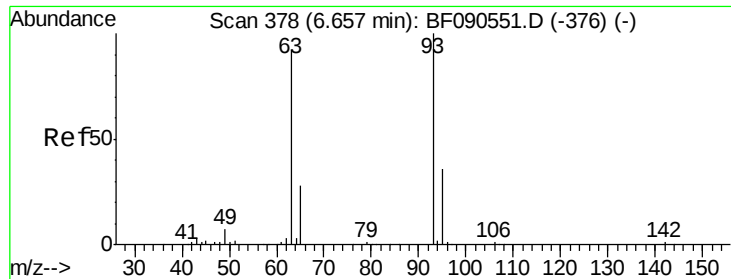
Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.2	12.5	52.5		
66	40.3	25.5	65.5		





#11

bis(2-Chloroethyl)ether

Concen: 48.19 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

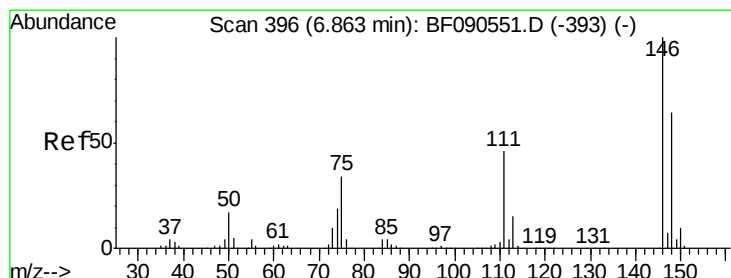
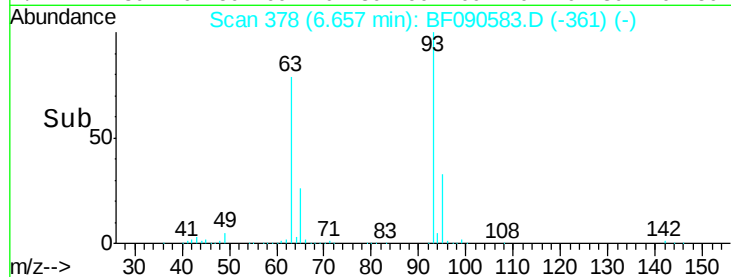
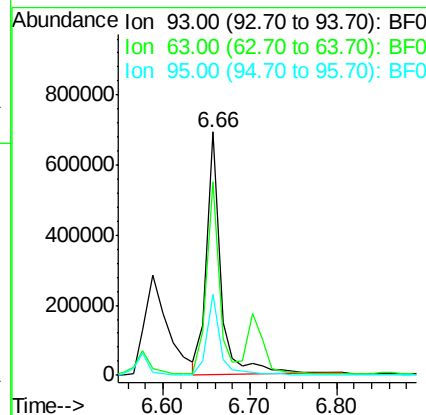
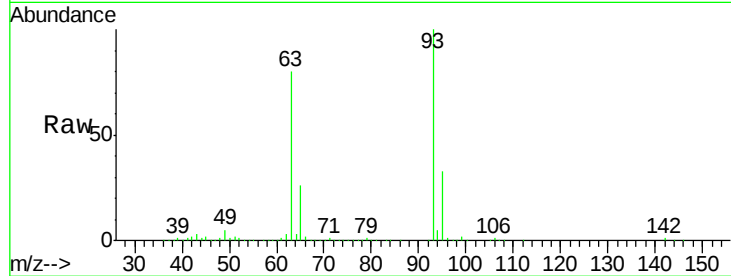
PB94073BS

Tot Ion: 93 Resp: 778998

Ion	Ratio	Lower	Upper
93	100		
63	79.6	61.6	101.6
95	33.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 49.79 ng

RT: 6.86 min Scan# 396

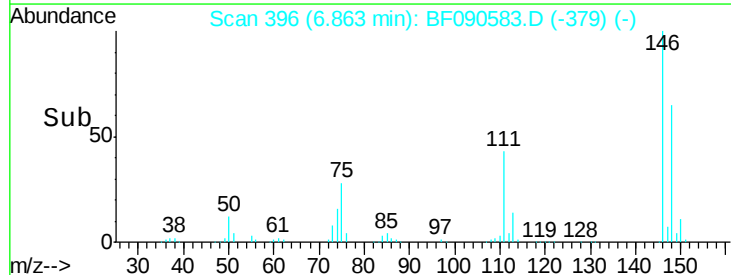
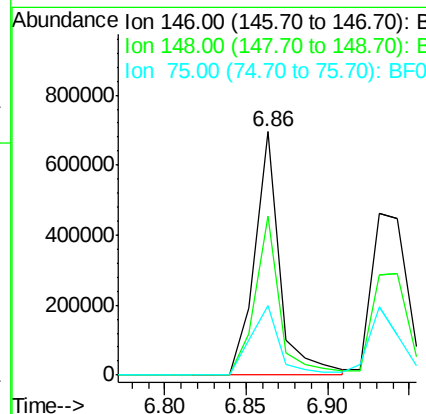
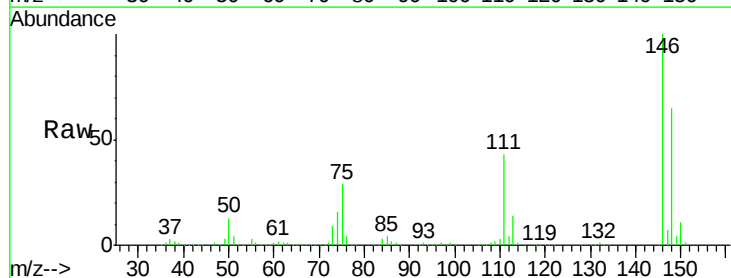
Delta R.T. -0.00 min

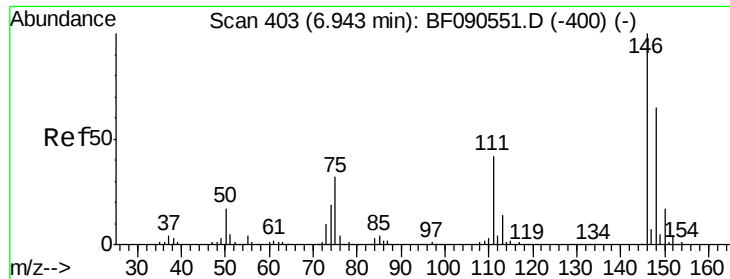
Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion: 146 Resp: 742345

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	28.6	27.0	40.6





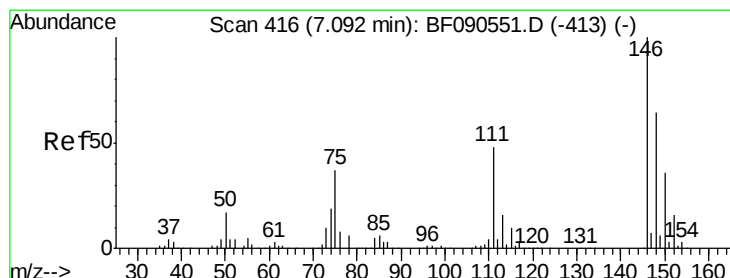
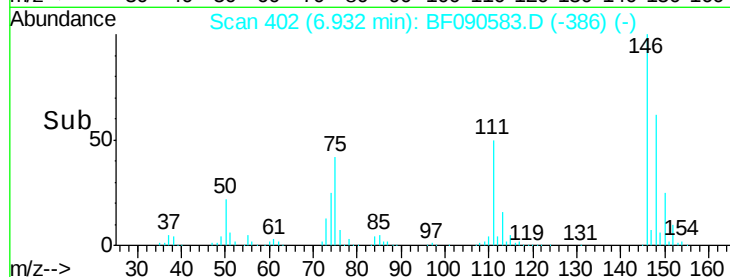
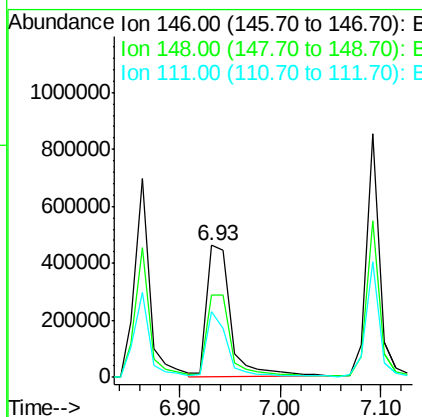
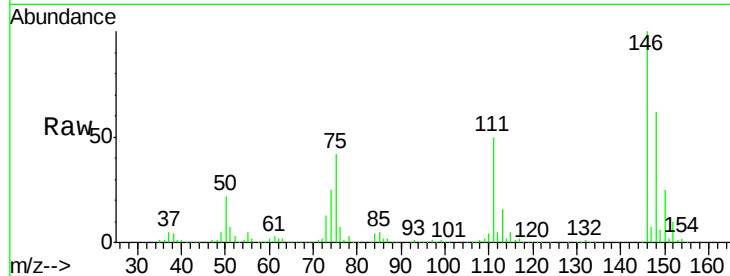
#13
 1,4-Dichlorobenzene
 Concen: 46.96 ng
 RT: 6.93 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
111	49.5	33.7	50.5

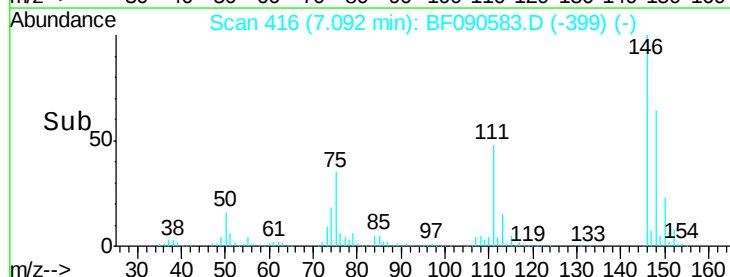
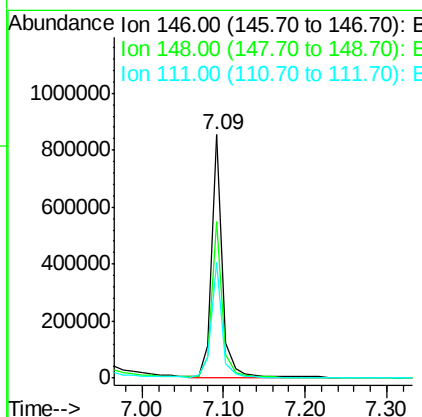
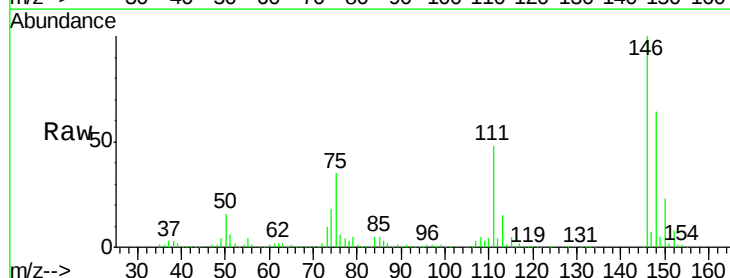
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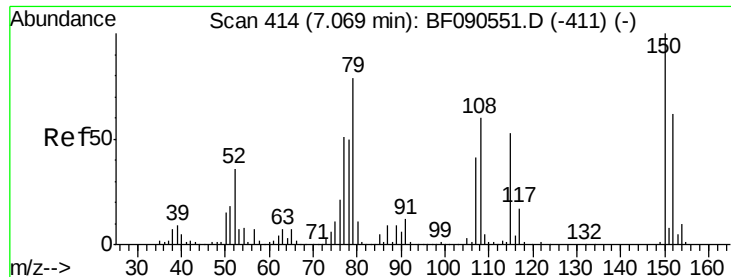
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#14
 1,2-Dichlorobenzene
 Concen: 51.78 ng
 RT: 7.09 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	47.6	38.2	57.2





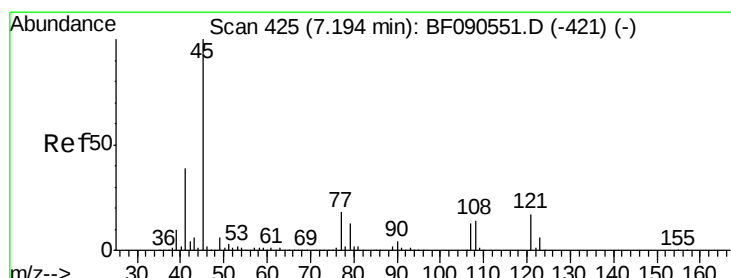
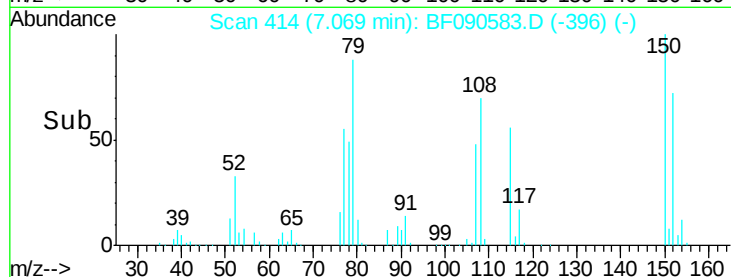
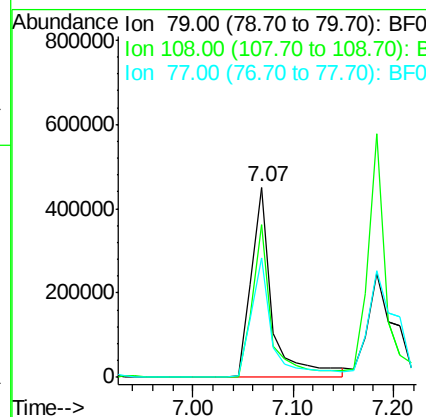
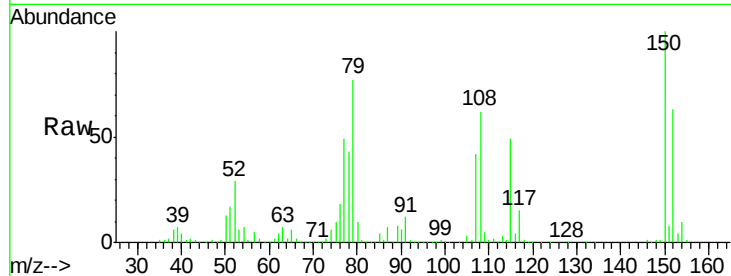
#15
Benzyl Alcohol
Concen: 56.28 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	60.2	90.4
77	63.2	52.0	78.0

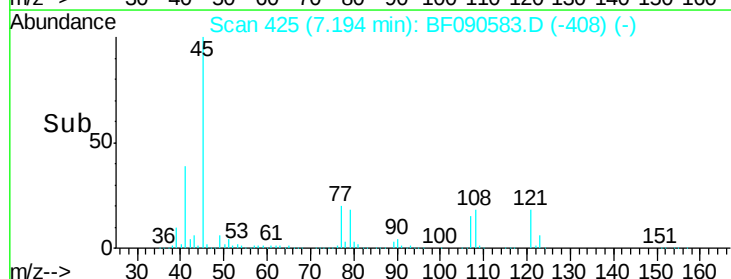
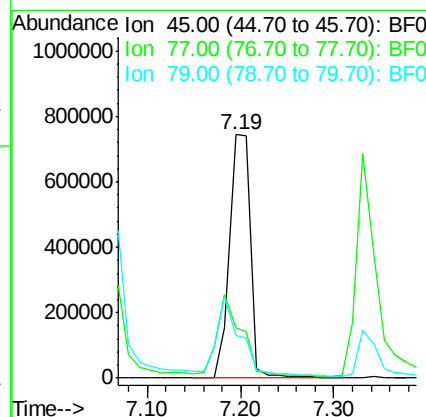
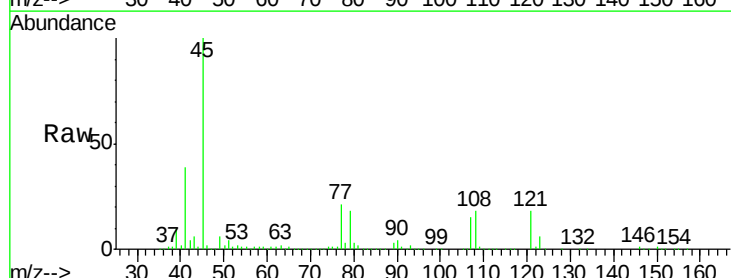
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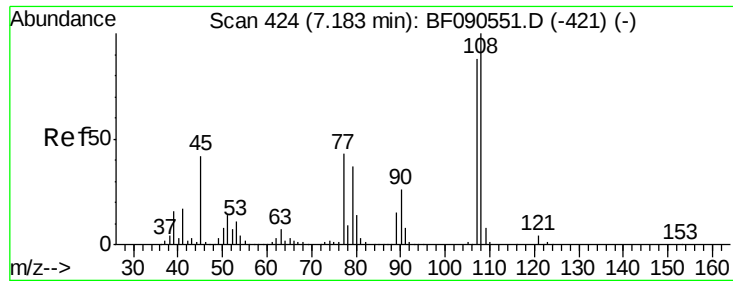
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.60 ng
RT: 7.19 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.9	40.9
79	17.7	0.0	37.3





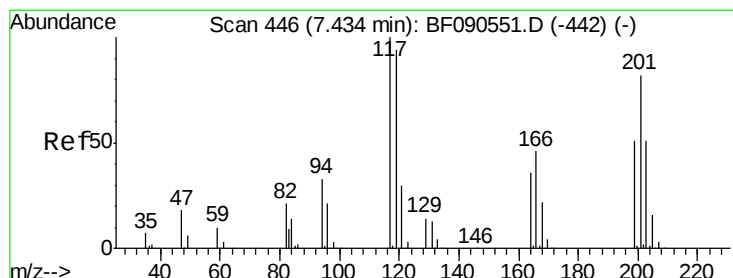
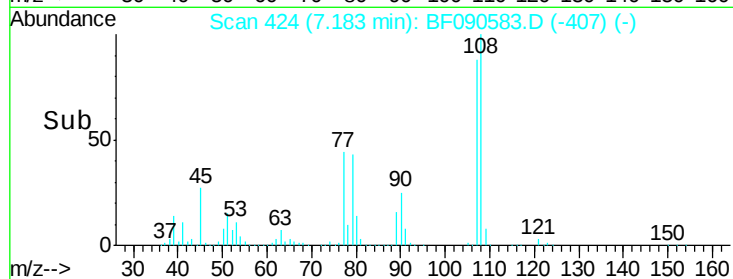
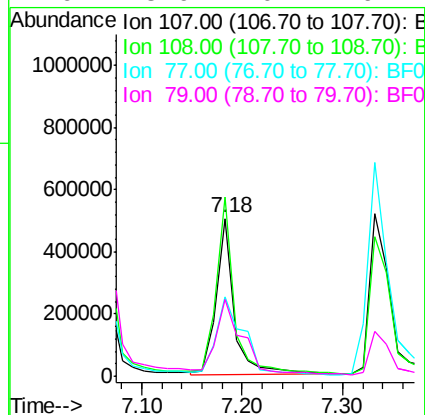
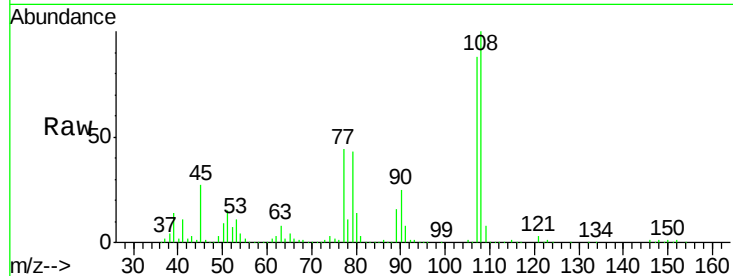
#17
2-Methylphenol
Concen: 54.00 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion:	107	Resp:	629169
Ion Ratio	Lower	Upper	
107	100		
108	113.7	92.6	138.8
77	50.0	42.2	63.2
79	48.9	40.7	61.1

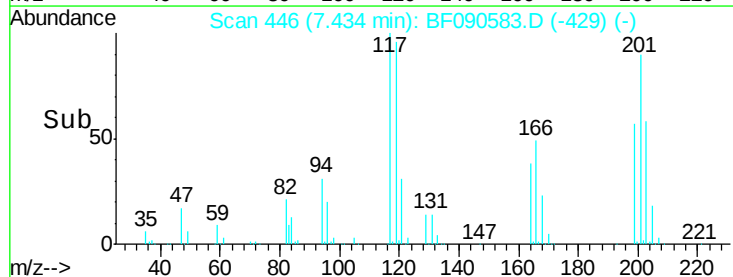
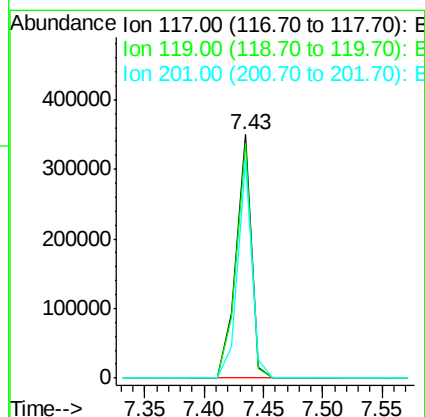
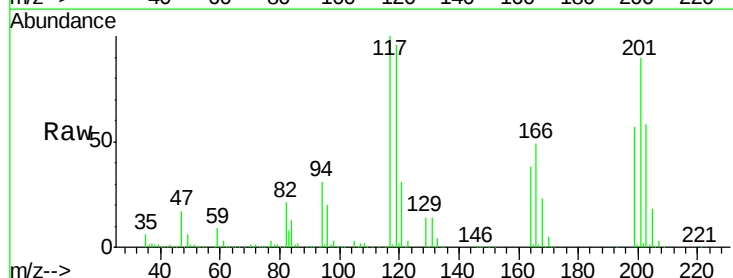
Manual Integrations
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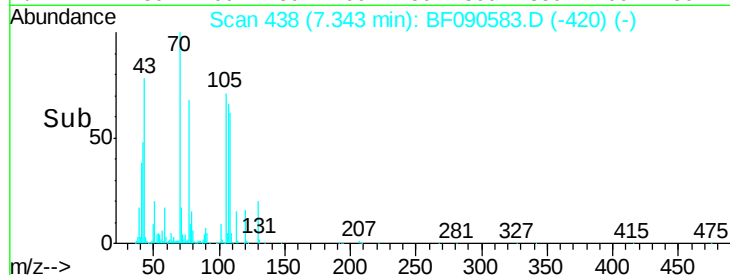
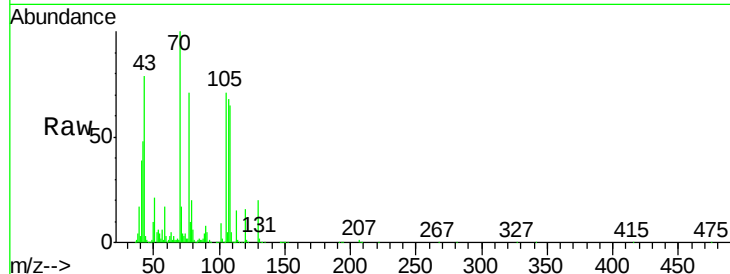
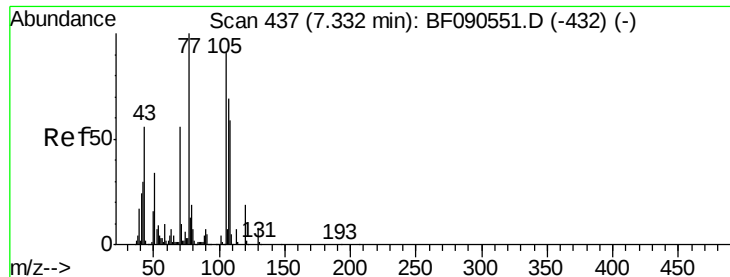
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#18
Hexachloroethane
Concen: 49.20 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:	117	Resp:	315258
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.6	113.4
201	89.6	65.4	98.0





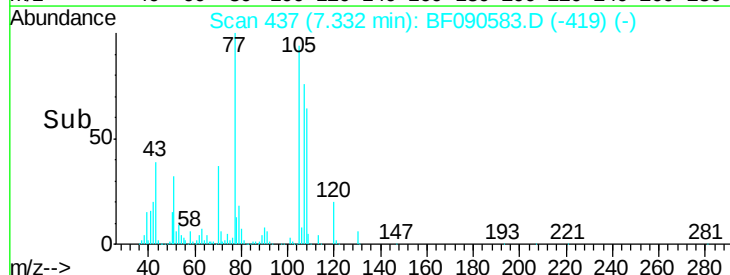
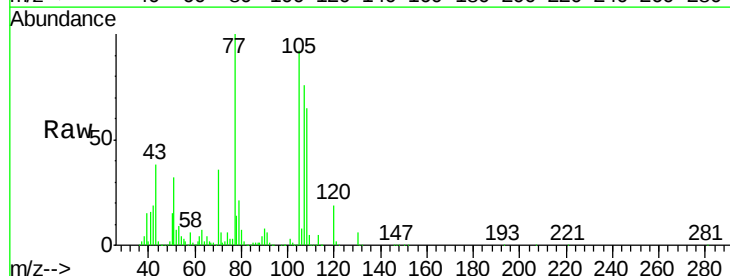
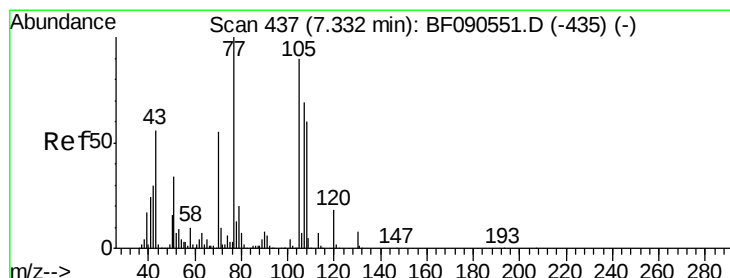
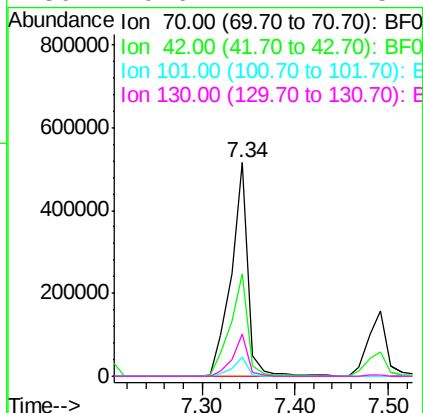
#19
n-Nitroso-di-n-propylamine
Concen: 55.66 ng
RT: 7.34 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	47.8	43.4	65.0
101	9.2	6.4	9.6
130	19.6	12.1	18.1#

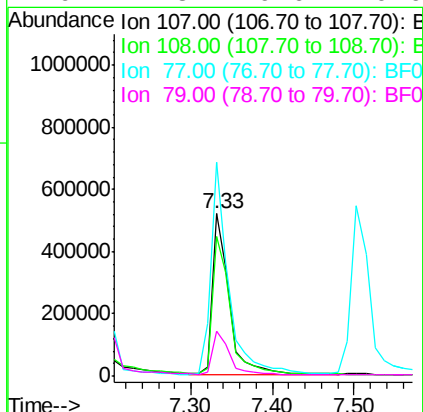
Manual Integrations
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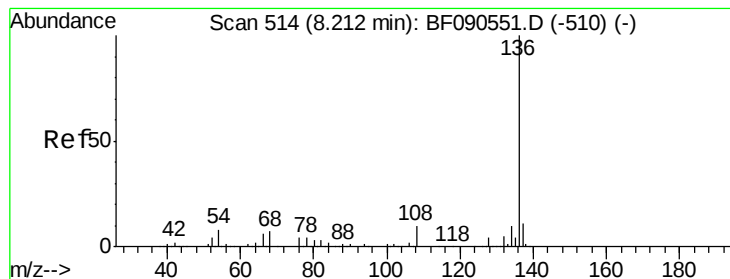
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#20
3+4-Methylphenols
Concen: 51.83 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.3	67.7	107.7
77	131.8	123.1	163.1
79	27.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

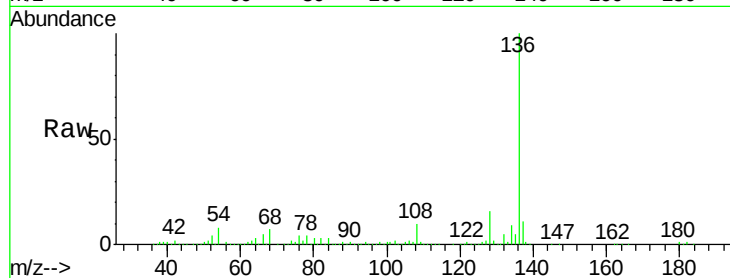
ClientSampleId :

PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	892609		
137	10.8		8.8	13.2
54	7.8		6.8	10.2
68	6.9		6.0	9.0

Manual Integrations
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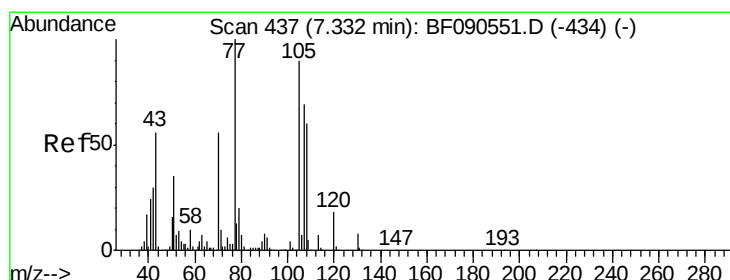
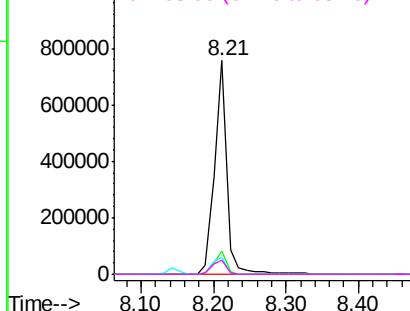
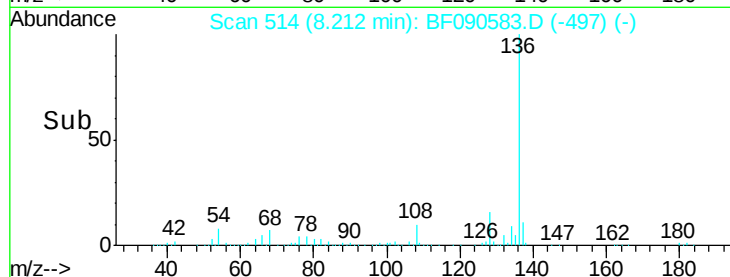
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.53 ng

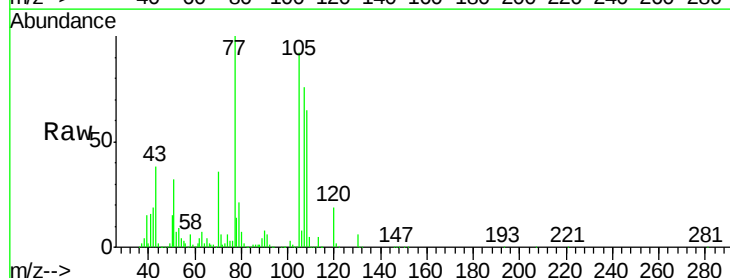
RT: 7.33 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1035898		
71	6.7		8.5	12.7#
51	35.1		31.0	46.4
120	21.1		16.2	24.4



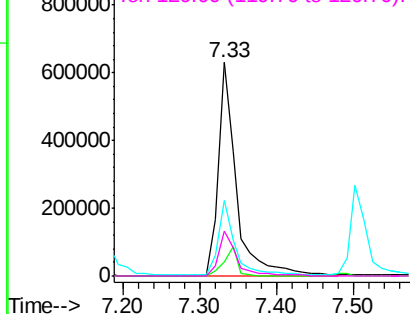
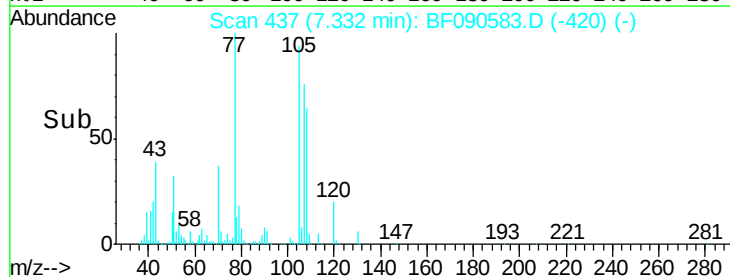
Abundance

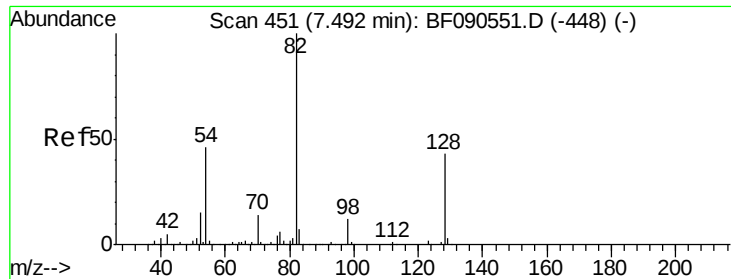
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





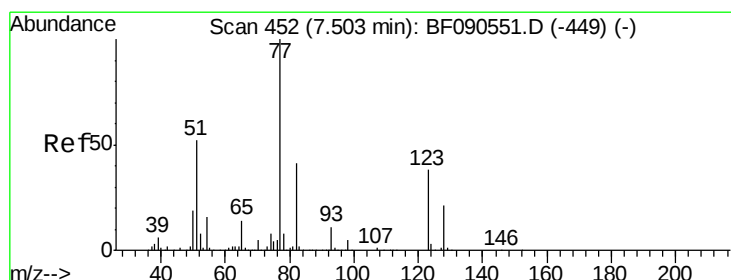
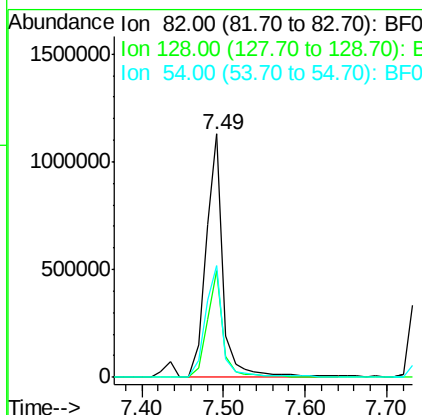
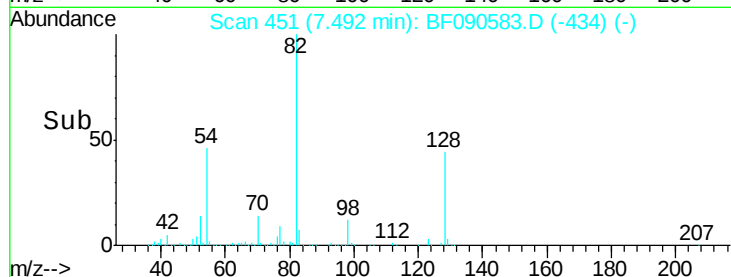
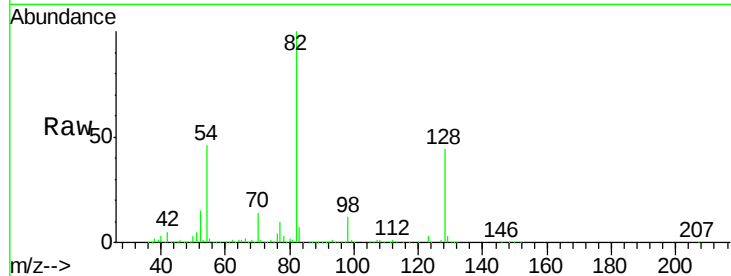
#23
 Nitrobenzene-d5
 Concen: 101.50 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion: 82 Resp: 1630983
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.3 51.5
 54 46.1 37.0 55.6

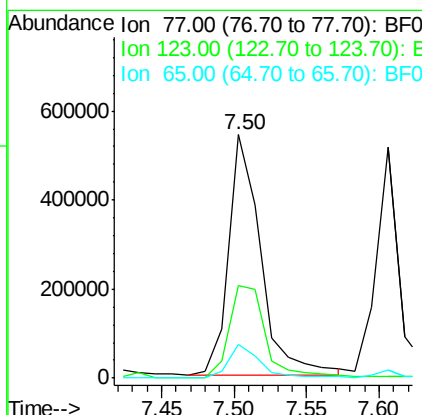
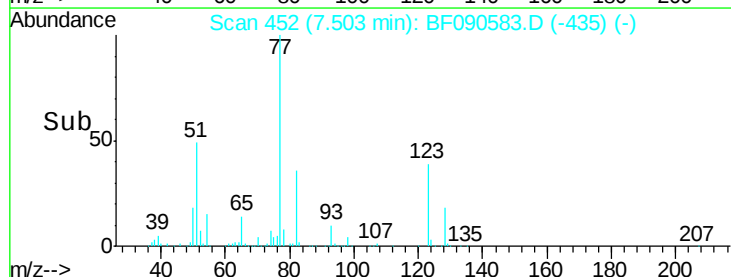
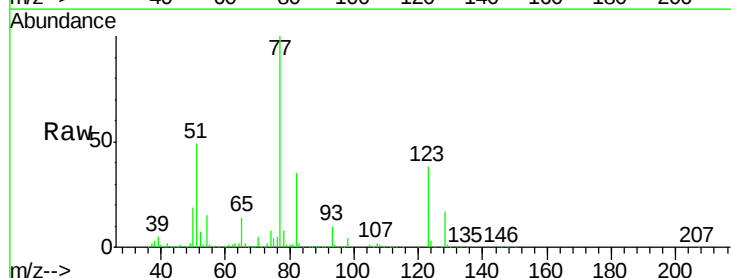
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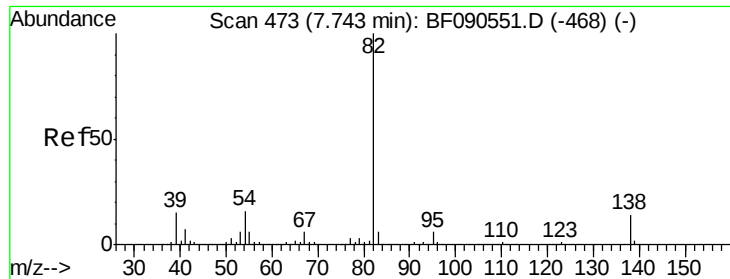
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#24
 Nitrobenzene
 Concen: 49.96 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion: 77 Resp: 823943
 Ion Ratio Lower Upper
 77 100
 123 38.0 29.8 44.6
 65 13.6 10.9 16.3





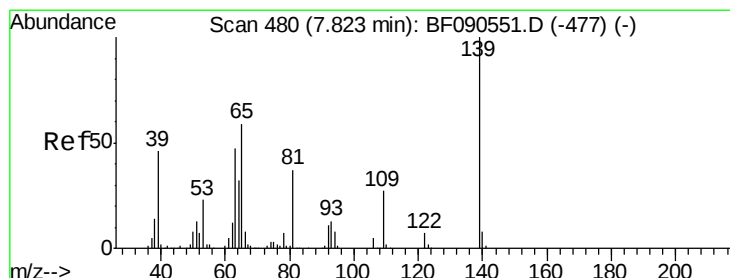
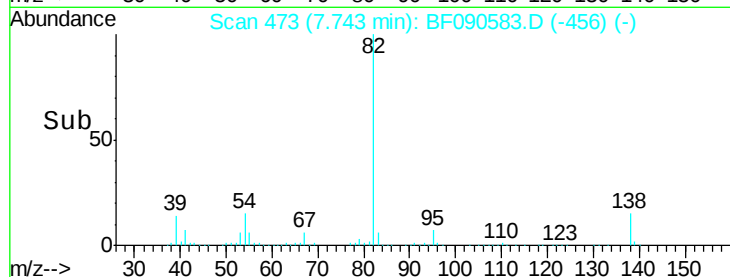
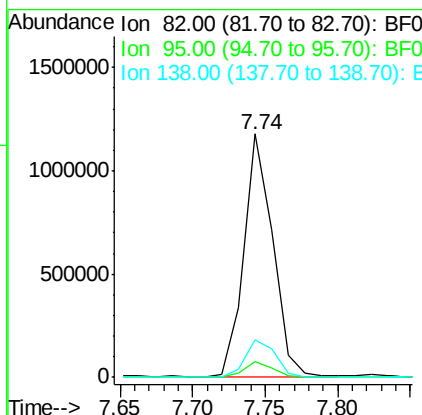
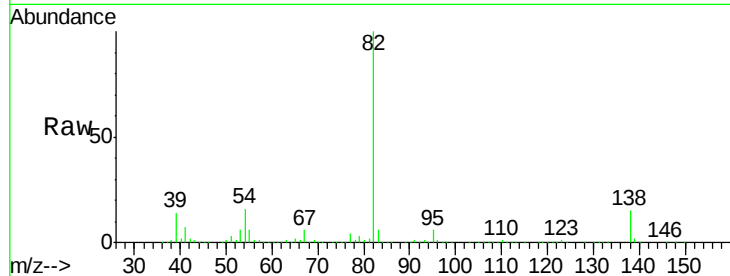
#25
Isophorone
Concen: 55.12 ng
RT: 7.74 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion: 82 Resp: 1611986
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.6
138 15.2 11.5 17.3

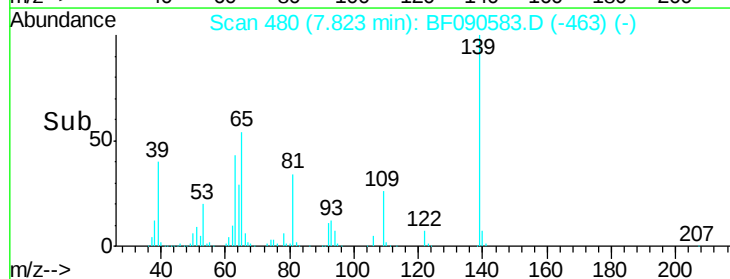
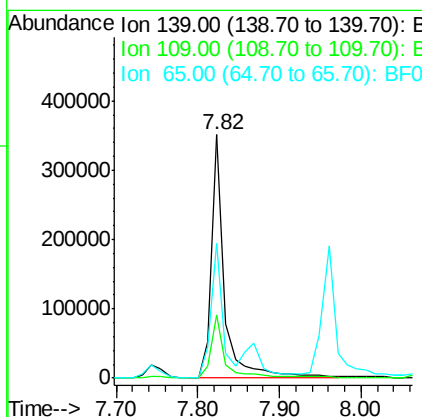
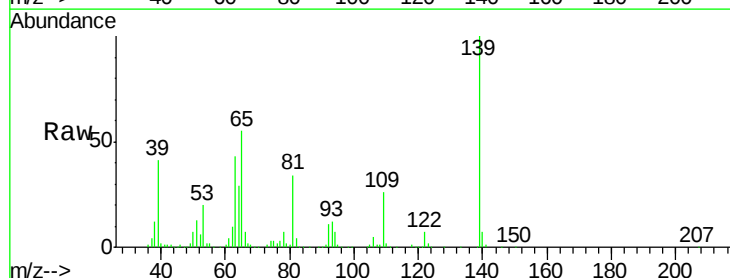
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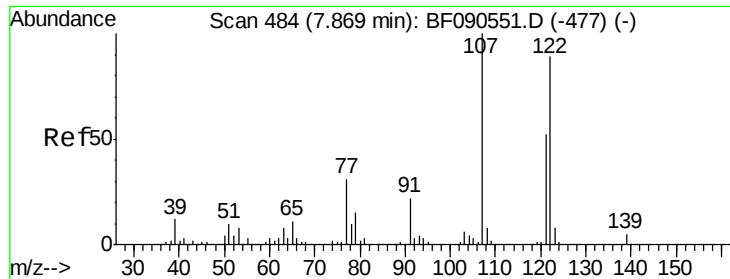
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#26
2-Nitrophenol
Concen: 53.82 ng
RT: 7.82 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion: 139 Resp: 402649
Ion Ratio Lower Upper
139 100
109 26.0 21.8 32.6
65 55.2 47.7 71.5





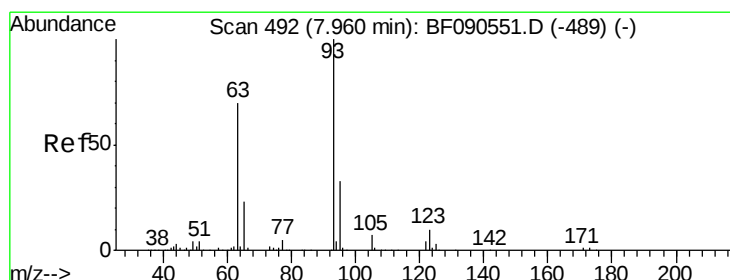
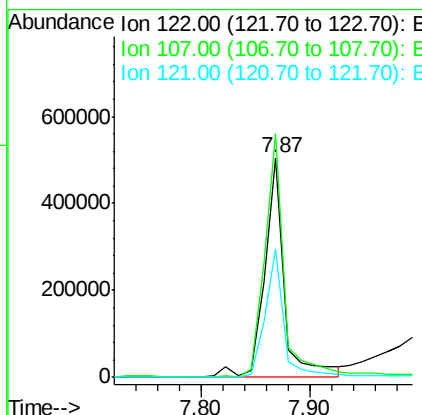
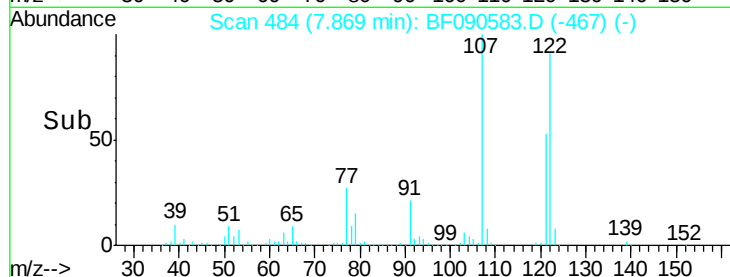
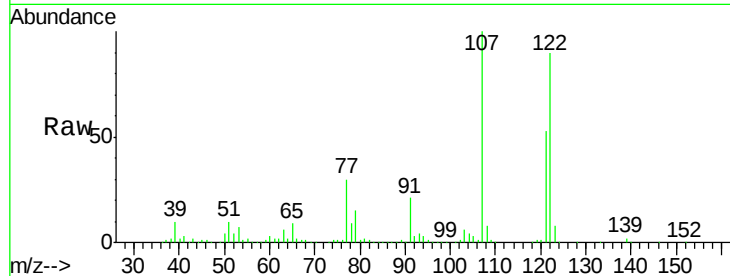
#27
 2,4-Dimethylphenol
 Concen: 52.03 ng
 RT: 7.87 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.8	134.6
121	58.5	46.1	69.1

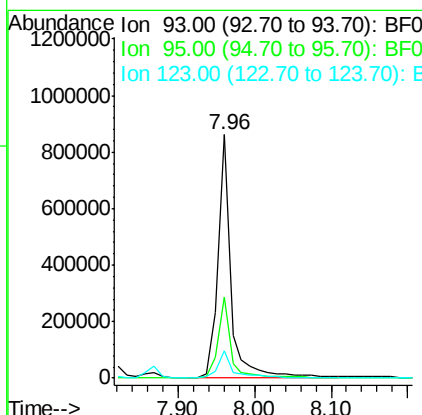
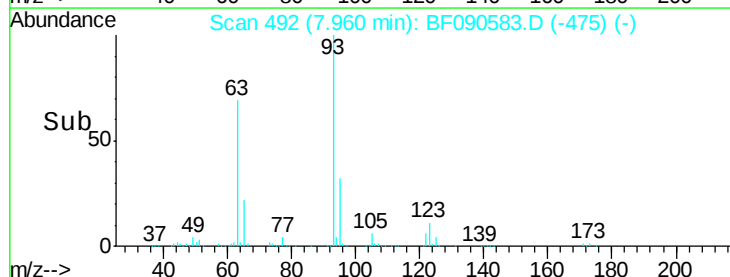
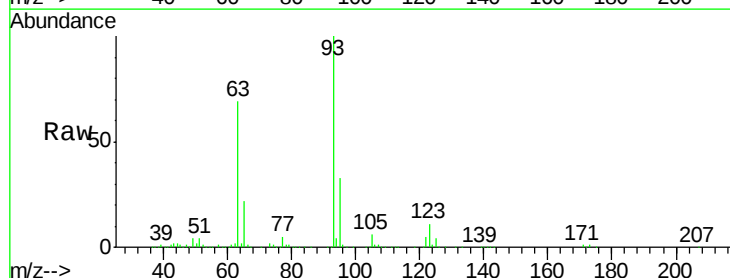
Manual Integrations
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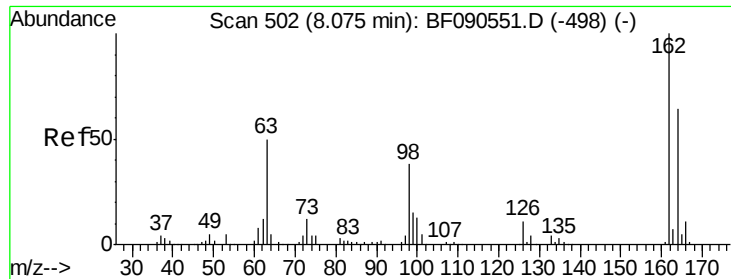
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 58.25 ng
 RT: 7.96 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.2	8.6	13.0





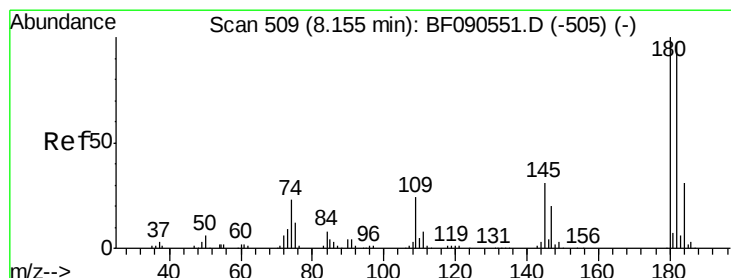
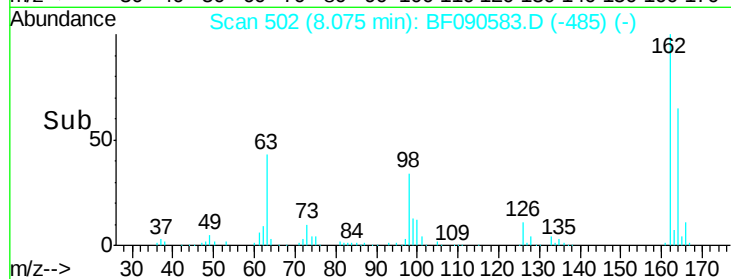
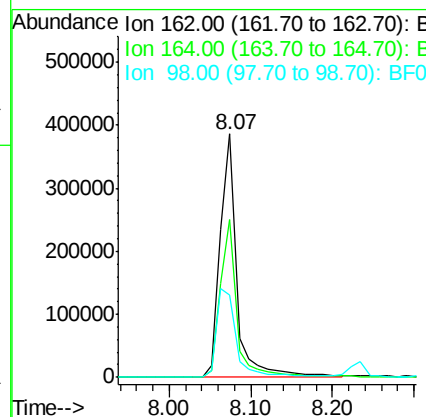
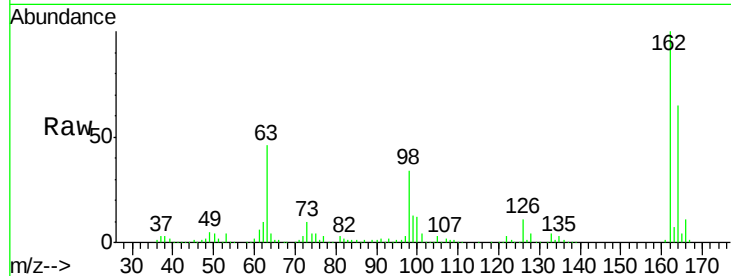
#29
2,4-Dichlorophenol
Concen: 50.86 ng
RT: 8.07 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	44.0	84.0
98	34.1	18.0	58.0

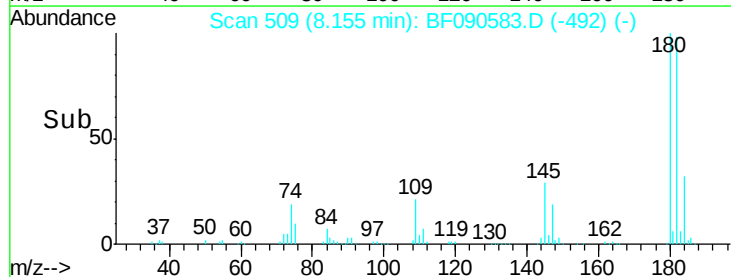
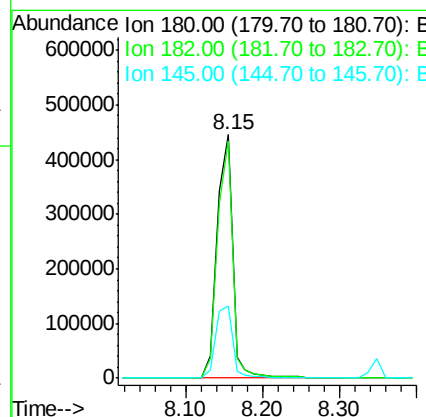
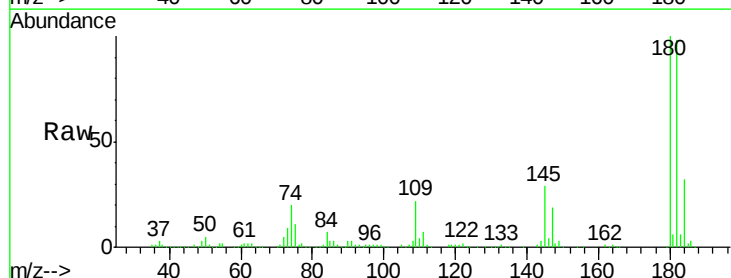
Manual Integrations
APPROVED

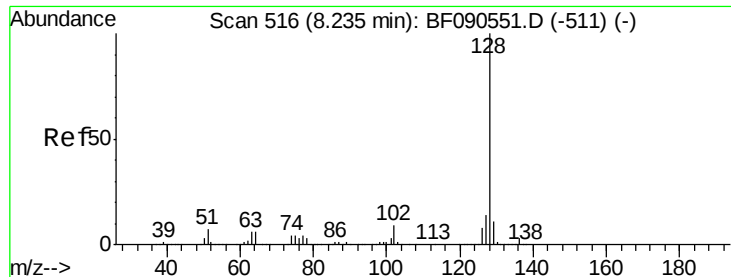
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#30
1,2,4-Trichlorobenzene
Concen: 49.50 ng
RT: 8.15 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	77.2	115.8
145	29.4	24.4	36.6





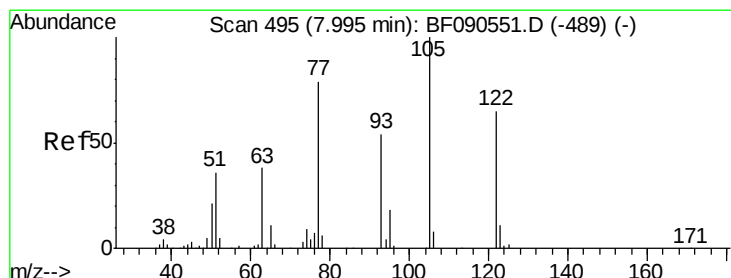
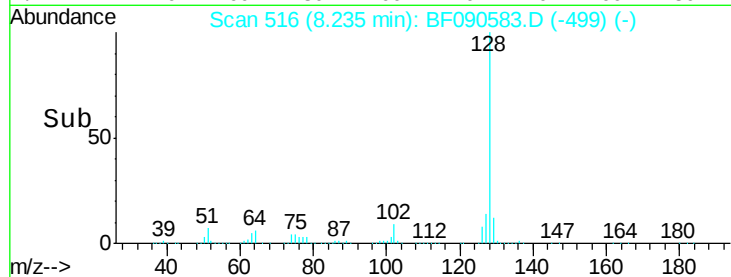
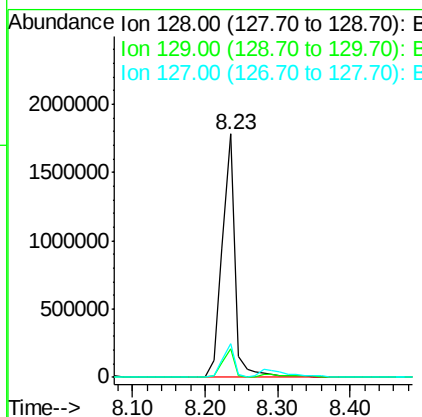
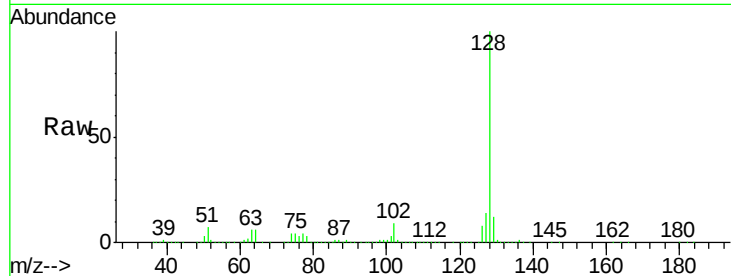
#31
Naphthalene
Concen: 48.55 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion:128 Resp: 2207560
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 10.8 16.2

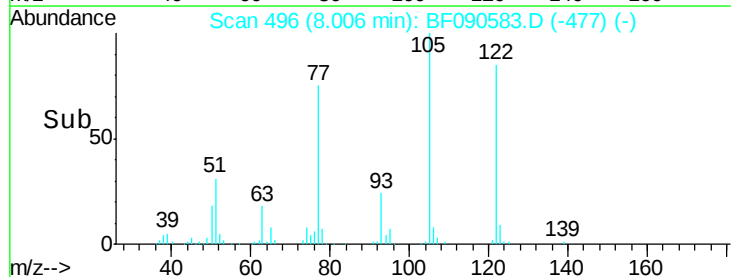
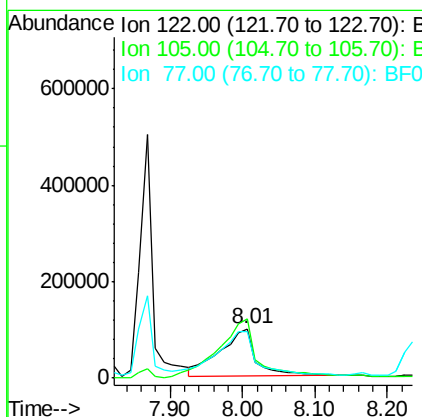
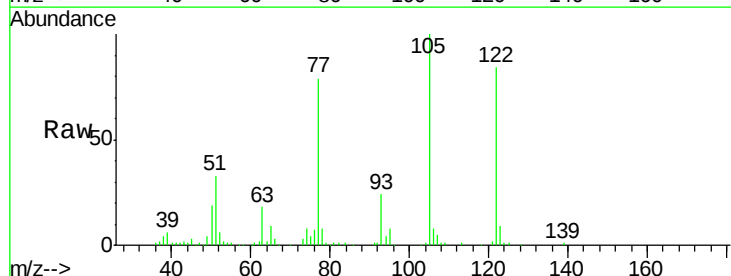
Manual Integrations
APPROVED

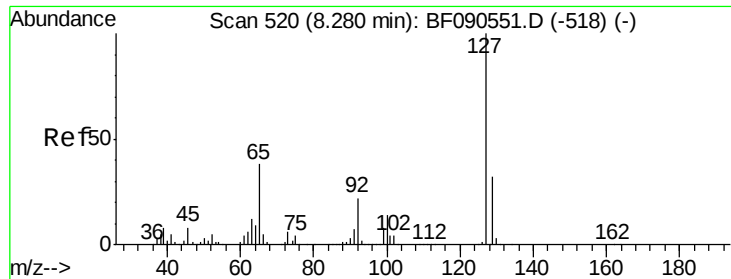
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#32
Benzoic acid
Concen: 43.69 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:122 Resp: 333172
Ion Ratio Lower Upper
122 100
105 118.9 101.1 141.1
77 93.8 84.7 124.7





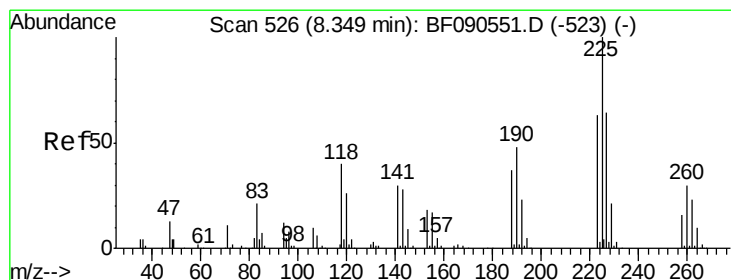
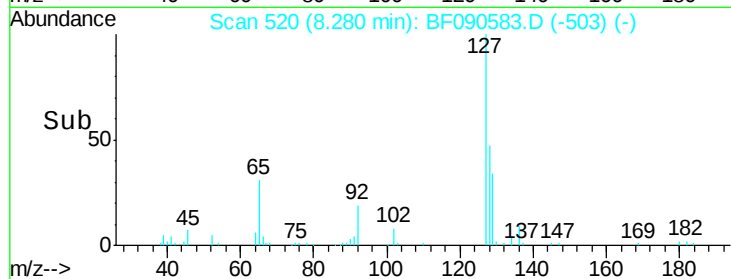
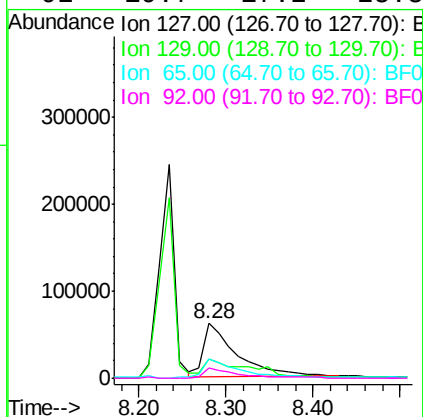
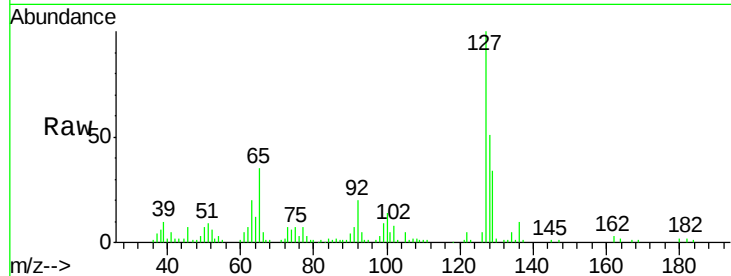
#33
4-Chloroaniline
Concen: 9.46 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.1	26.2	39.2		
65	35.3	30.1	45.1		
92	19.7	17.2	25.8		

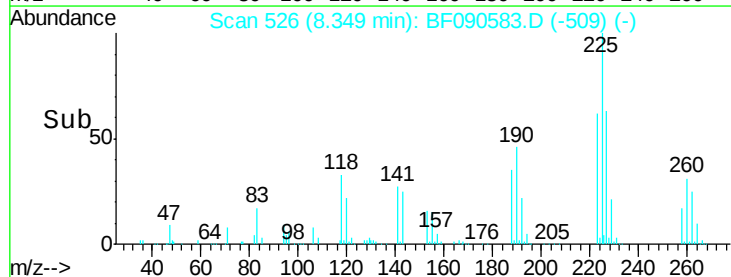
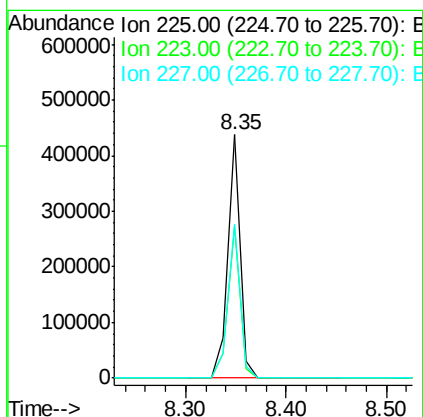
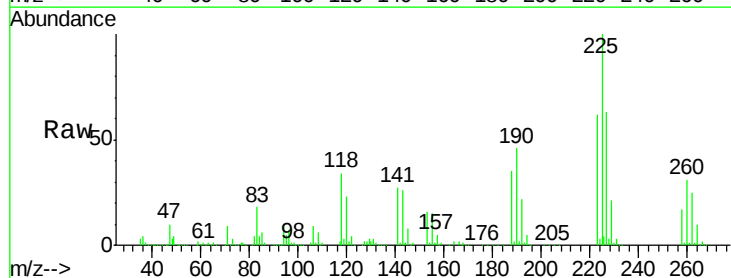
Manual Integrations
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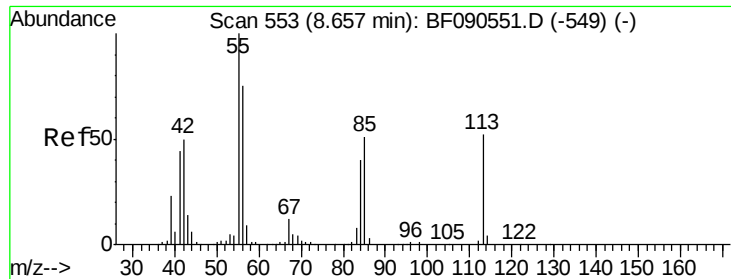
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#34
Hexachlorobutadiene
Concen: 52.50 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.6	76.0		
227	63.5	51.4	77.2		





#35

Caprolactam

Concen: 55.64 ng/ml

RT: 8.66 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

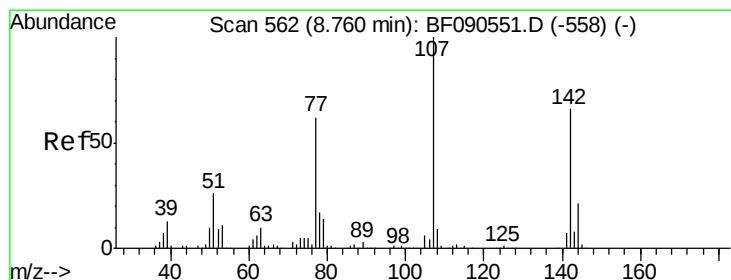
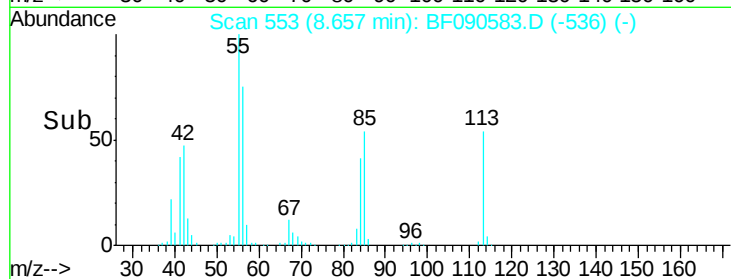
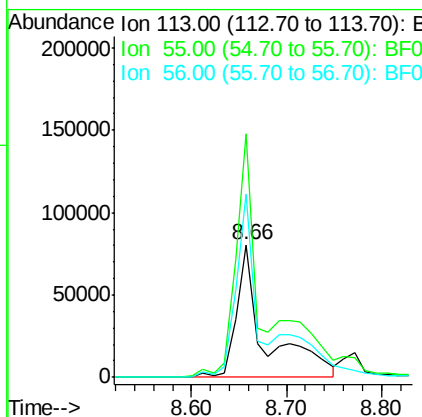
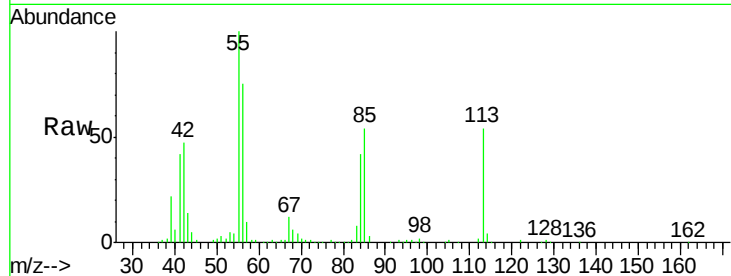
ClientSampleId :

PB94073BS

Tot Ion:	113	Resp:	168854
Ion Ratio	Lower	Upper	
113	100		
55	183.8	170.8	210.8
56	138.6	122.4	162.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.59 ng/ml

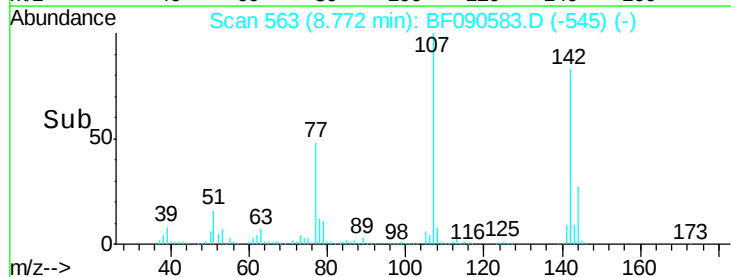
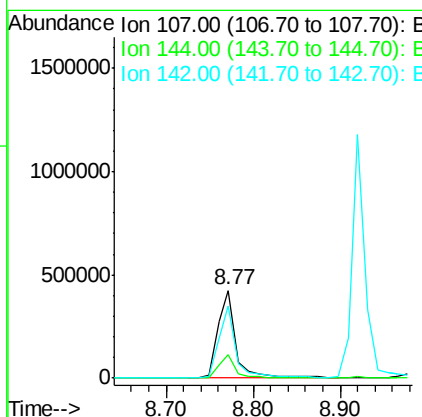
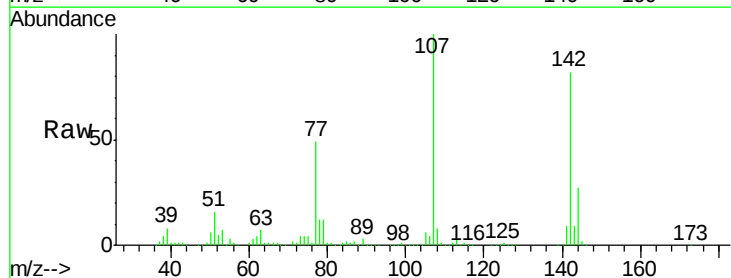
RT: 8.77 min Scan# 563

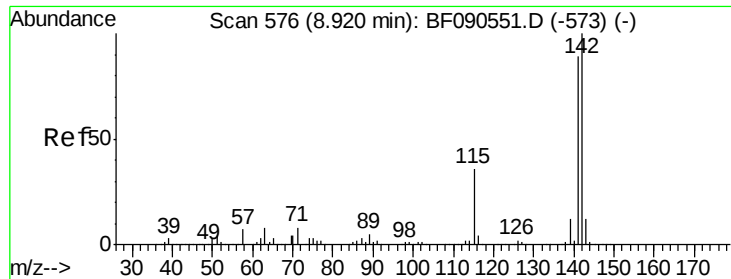
Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion:	107	Resp:	622202
Ion Ratio	Lower	Upper	
107	100		
144	26.7	16.9	25.3#
142	82.5	52.5	78.7#





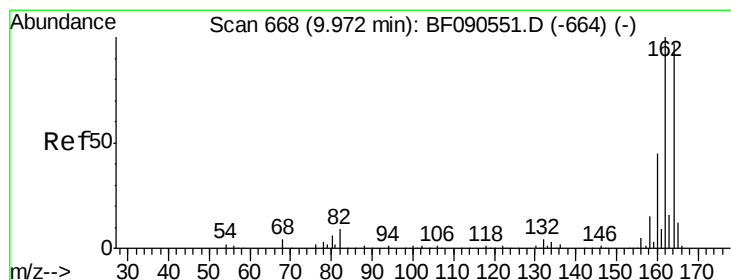
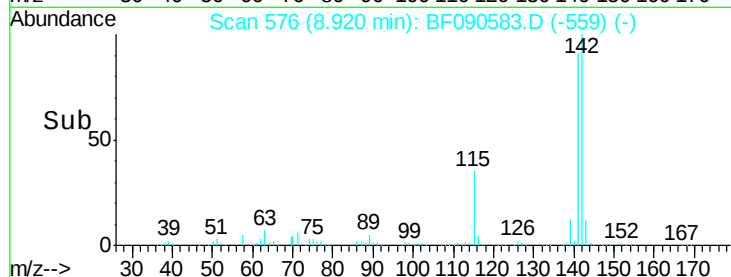
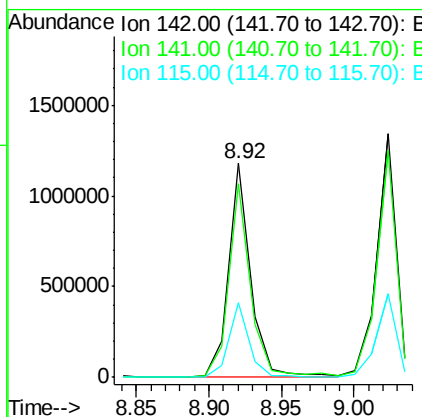
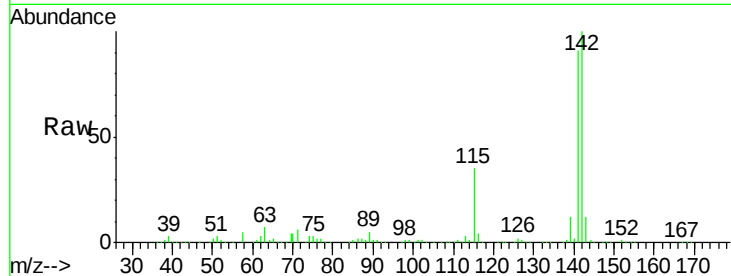
#37
2-Methylnaphthalene
Concen: 46.06 ng
RT: 8.92 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	35.0	28.8	43.2

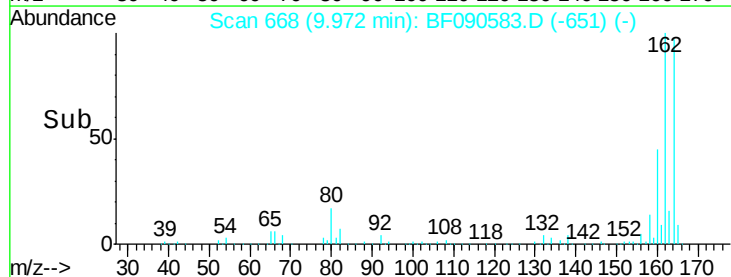
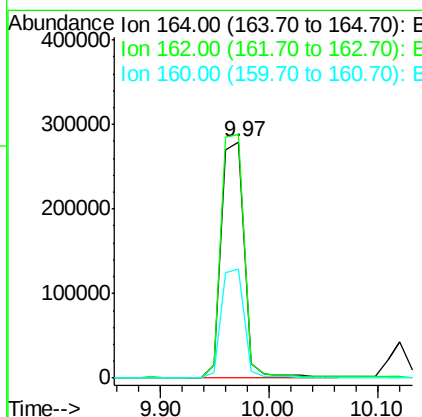
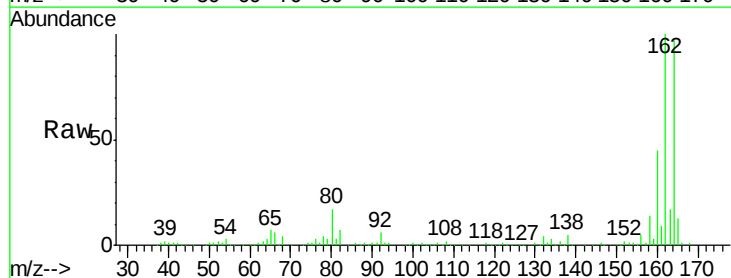
Manual Integrations
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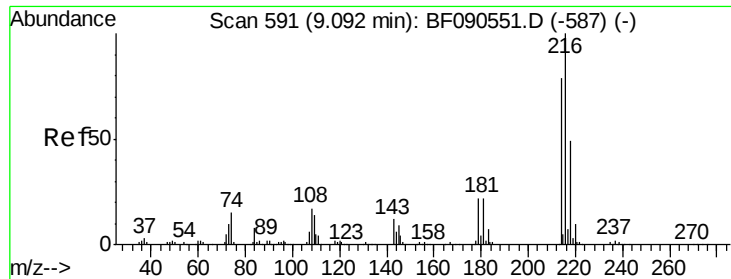
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.4
160	46.0	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.55 ng

RT: 9.09 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

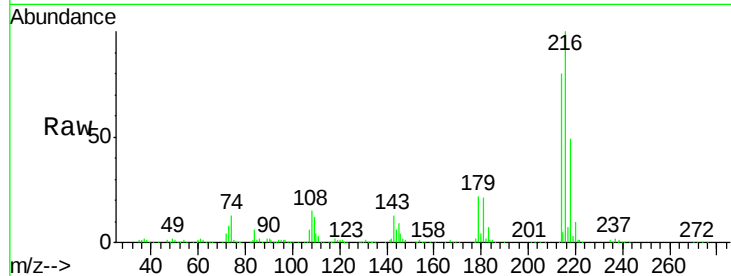
ClientSampled :

PB94073BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		641305		
214	80.0		63.5	95.3	
179	22.6		18.9	28.3	
108	18.7		17.8	26.6	

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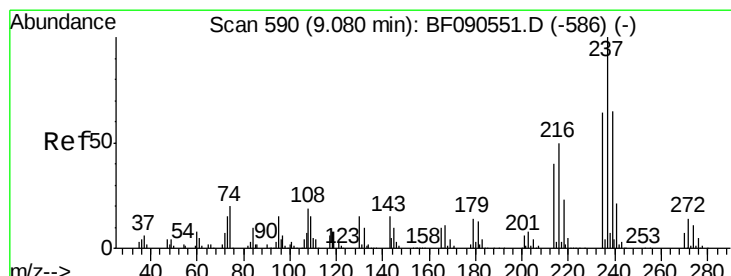
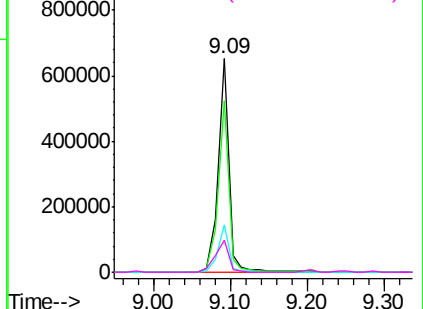
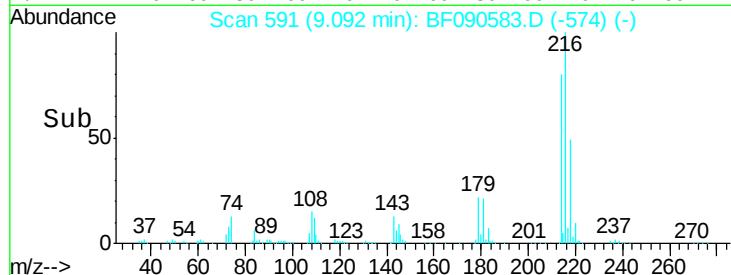


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.47 ng

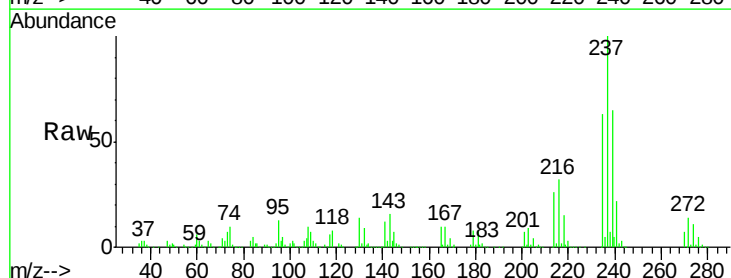
RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

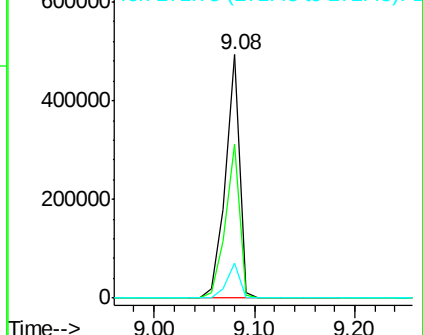
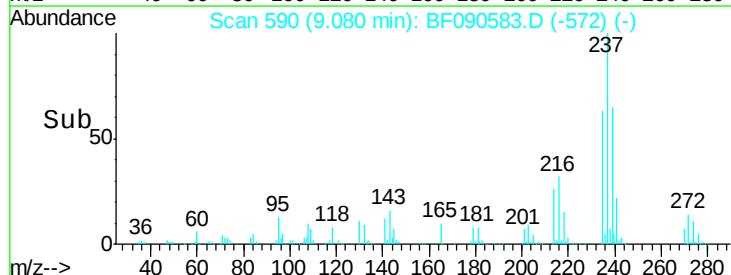
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		484057		
235	63.2		43.8	83.8	
272	14.2		0.0	33.7	

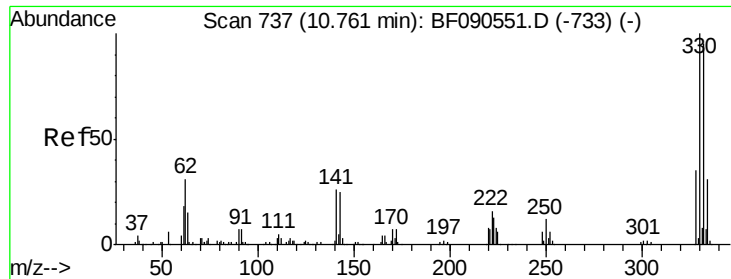


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





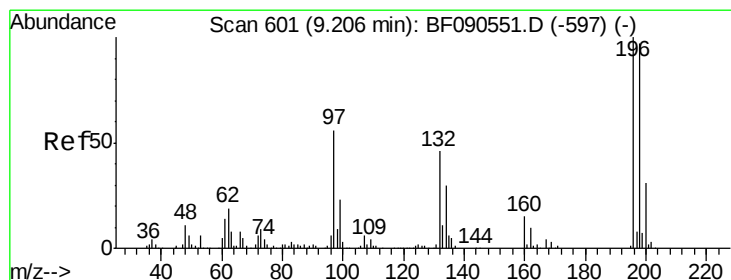
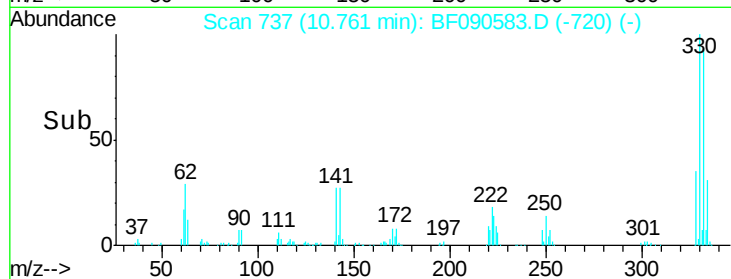
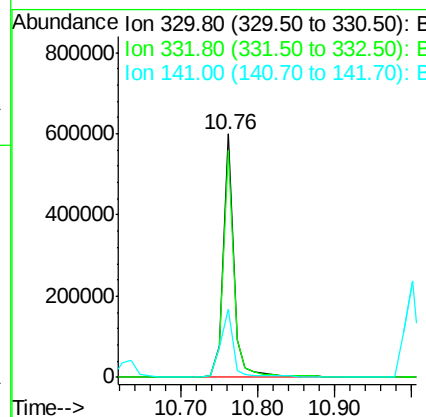
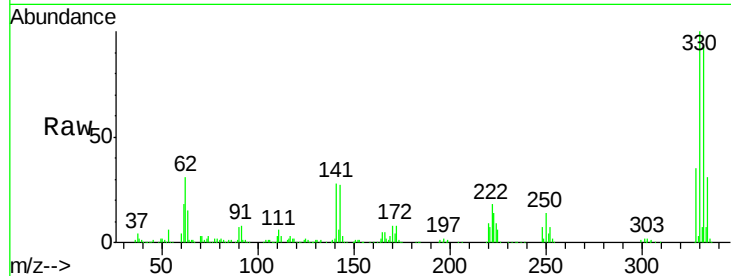
#41
 2,4,6-Tribromophenol
 Concen: 158.77 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	584728		
332	94.7		76.2	114.2
141	32.0		31.4	47.2

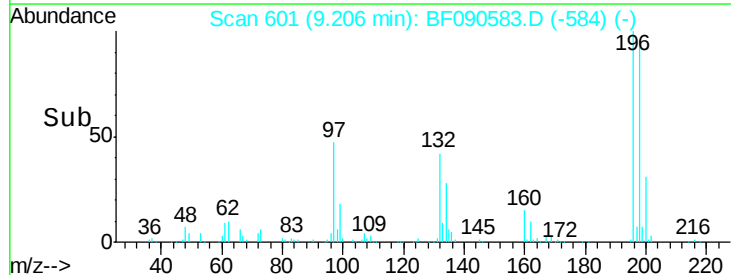
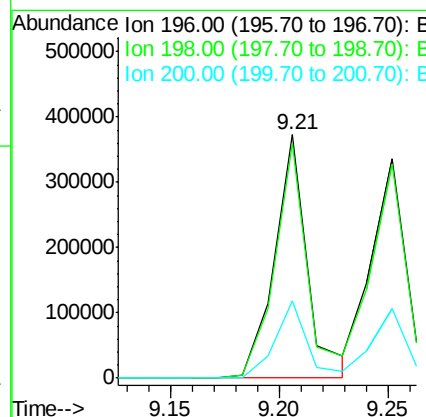
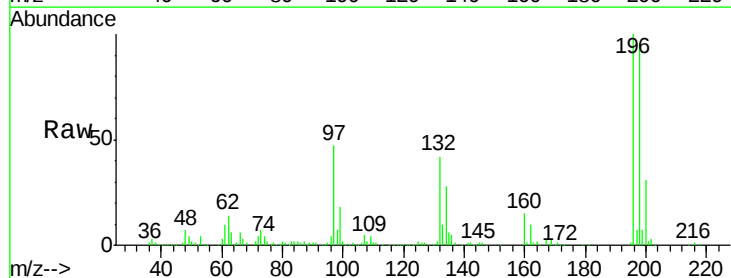
Manual Integrations
 APPROVED

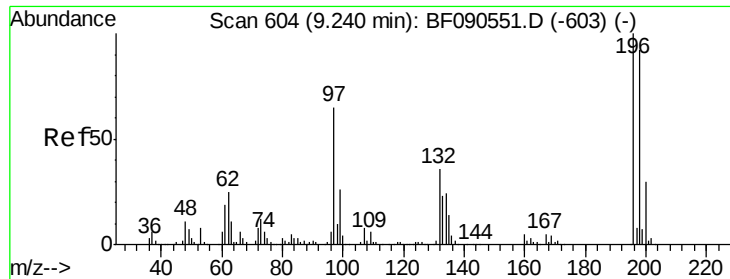
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#42
 2,4,6-Trichlorophenol
 Concen: 64.13 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	396177		
198	96.5		77.9	116.9
200	31.5		25.1	37.7





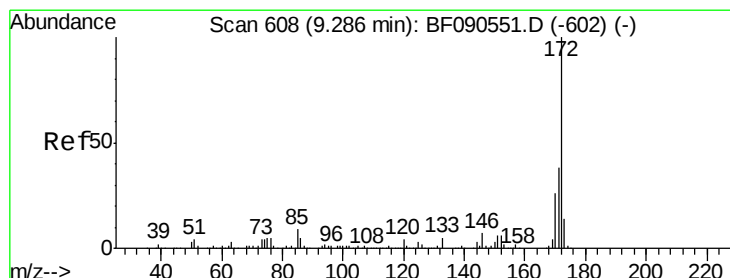
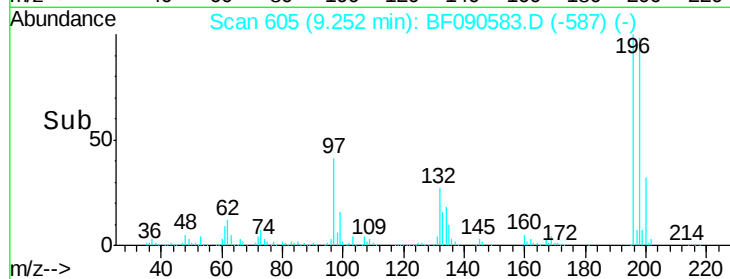
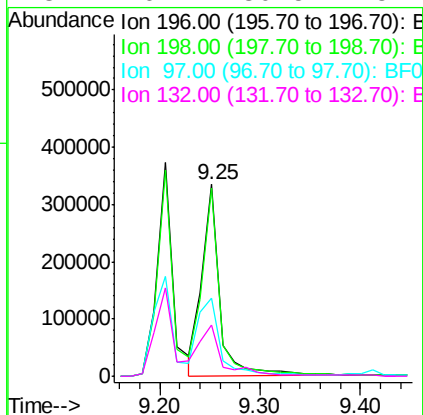
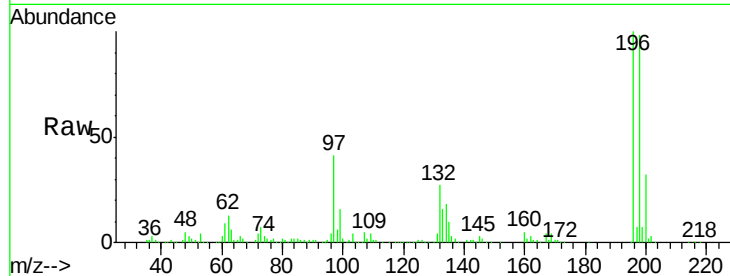
#43
2,4,5-Trichlorophenol
Concen: 55.34 ng
RT: 9.25 min Scan# 605
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.0	111.0
97	40.8	54.7	82.1#
132	26.7	30.5	45.7#

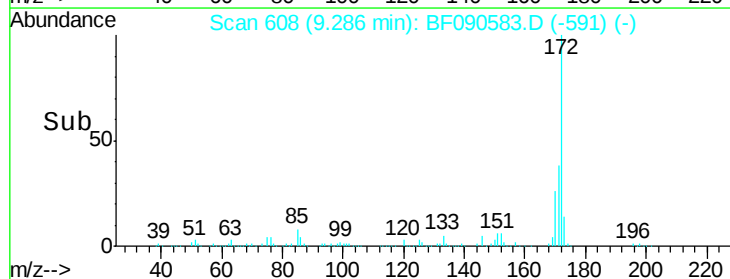
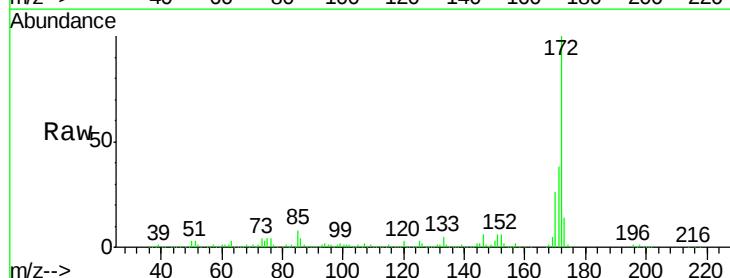
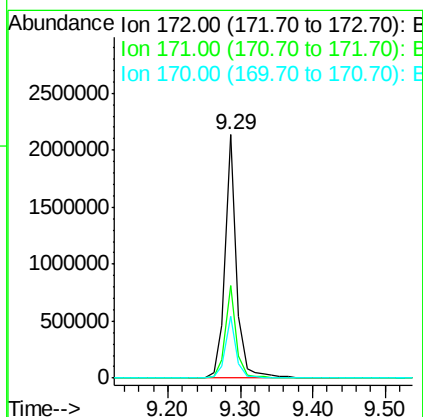
Manual Integrations
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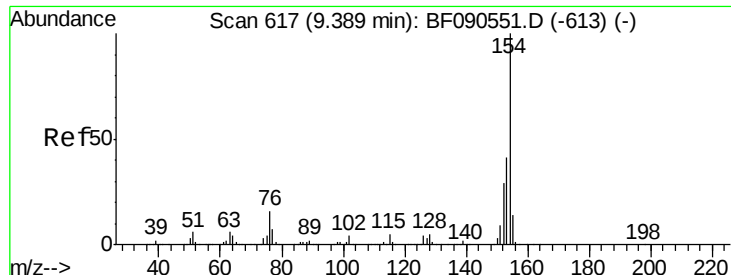
sohil
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#44
2-Fluorobiphenyl
Concen: 94.45 ng
RT: 9.29 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.1	45.1
170	25.6	20.6	30.8





#45

1,1'-Biphenyl

Concen: 52.76 ng

RT: 9.39 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:154 Resp: 1658525

Ion Ratio Lower Upper

154 100

153 41.8 21.5 61.5

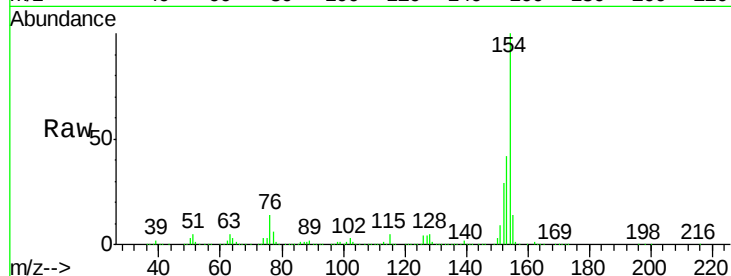
76 13.8 0.0 36.0

Manual Integrations

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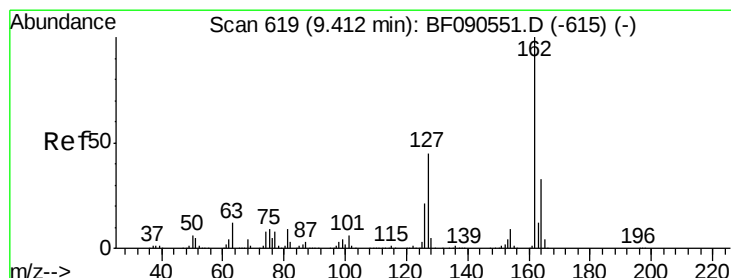
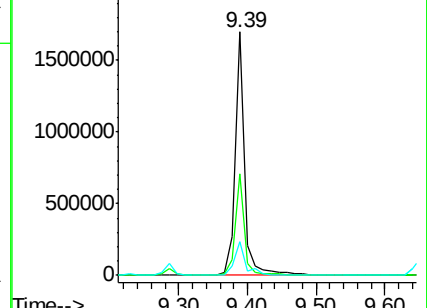
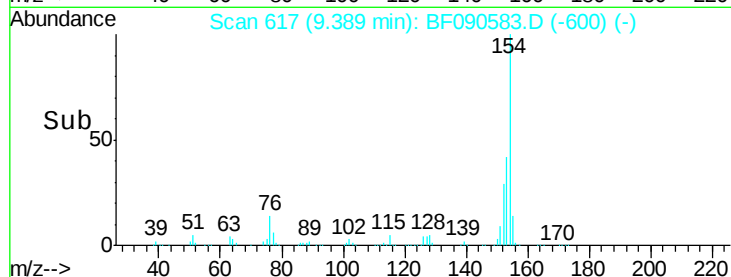
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.25 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

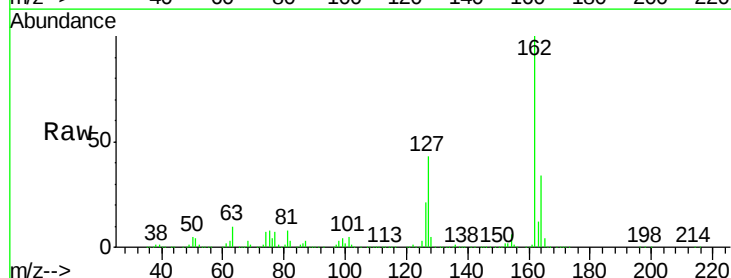
Tgt Ion:162 Resp: 1224731

Ion Ratio Lower Upper

162 100

127 43.3 35.9 53.9

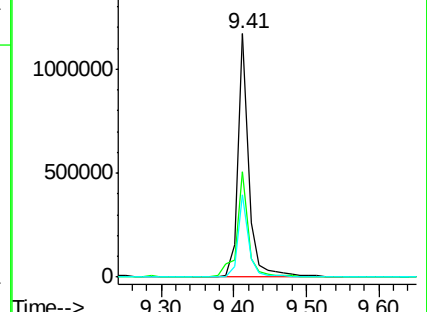
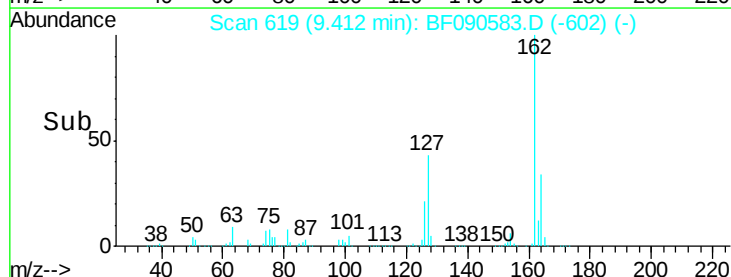
164 34.0 26.7 40.1

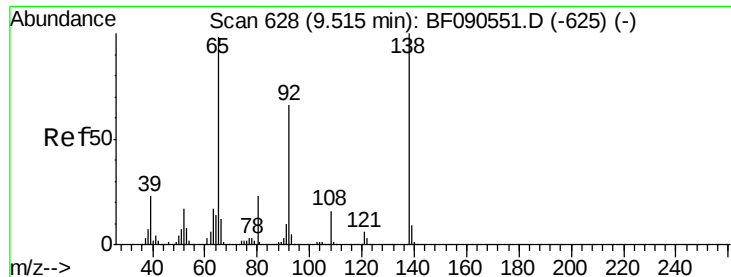


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.46 ng

RT: 9.51 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

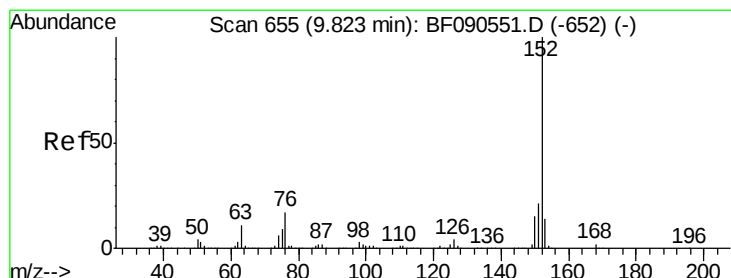
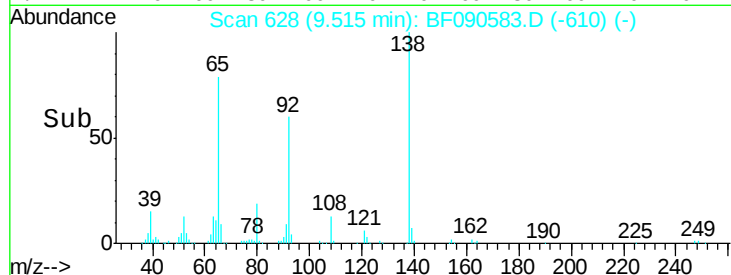
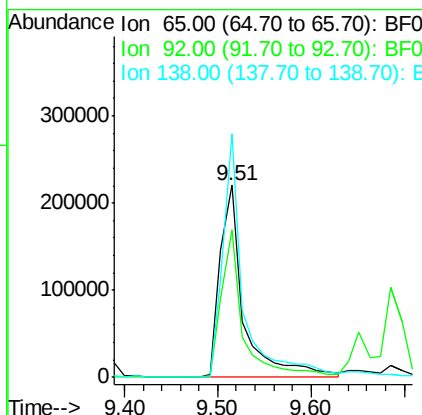
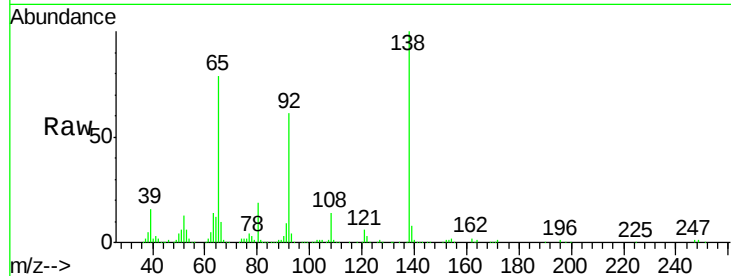
ClientSampleId :

PB94073BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.9	54.3	81.5
138	126.9	81.7	122.5

Manual Integrations
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#48

Acenaphthylene

Concen: 49.54 ng

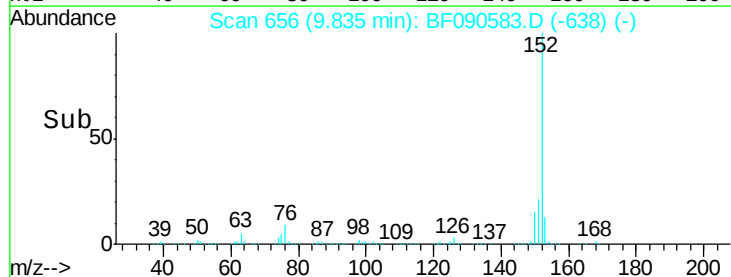
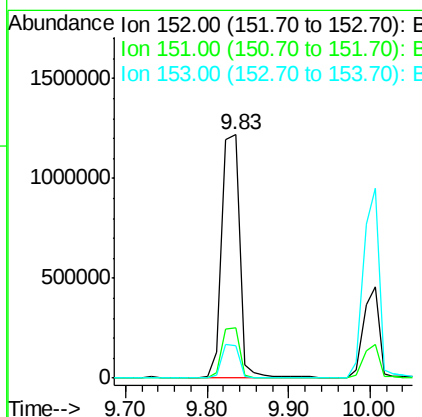
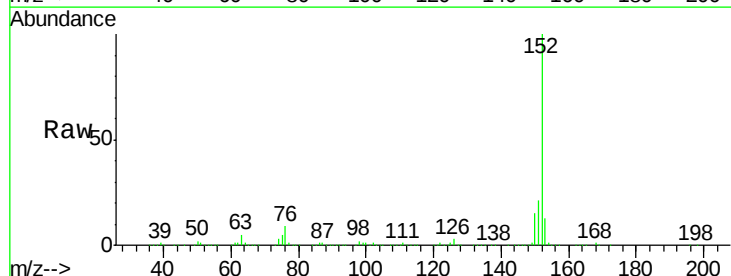
RT: 9.83 min Scan# 656

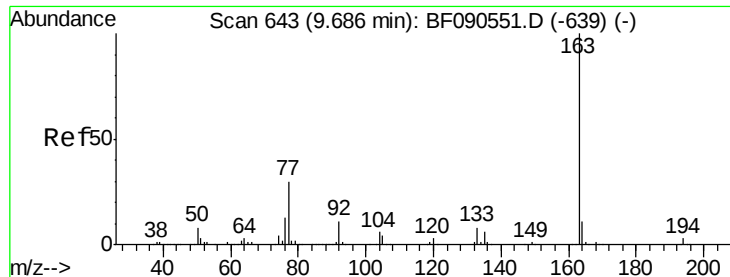
Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.2	11.3	16.9





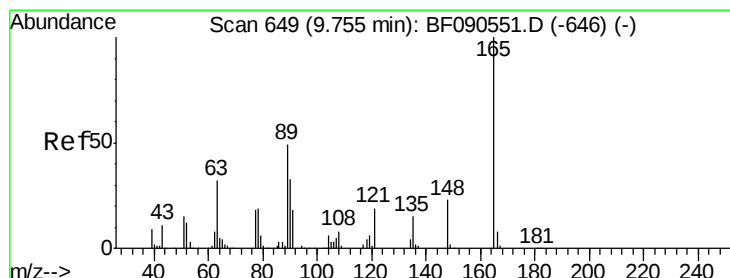
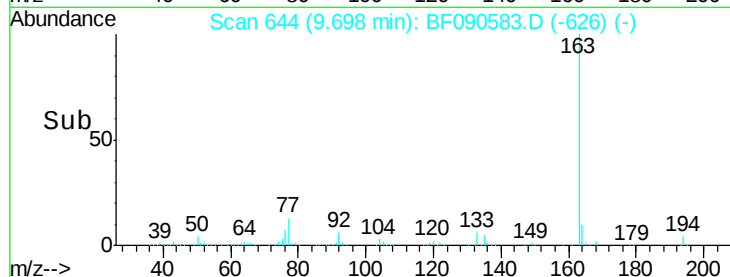
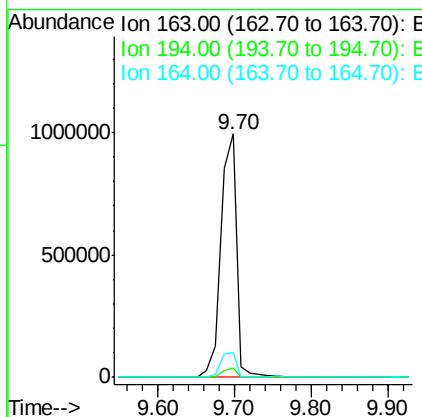
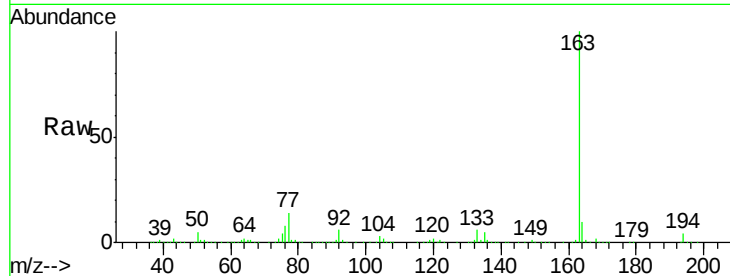
#49
Dimethylphthalate
Concen: 53.87 ng
RT: 9.70 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion:163 Resp: 1443873
Ion Ratio Lower Upper
163 100
194 4.0 2.3 3.5#
164 10.0 8.6 13.0

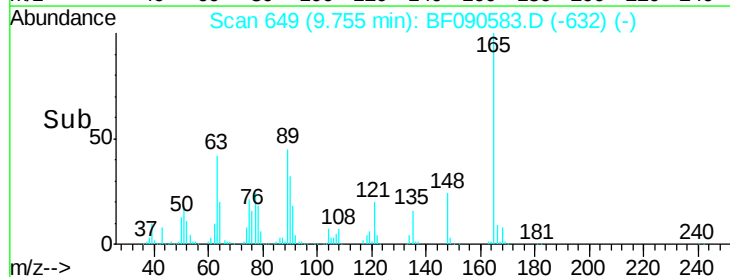
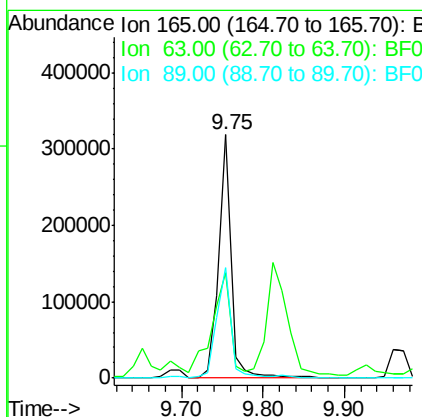
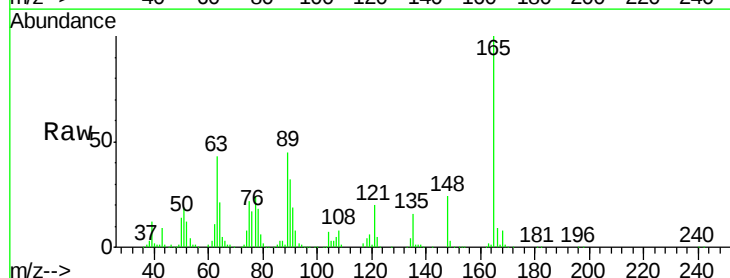
Manual Integrations
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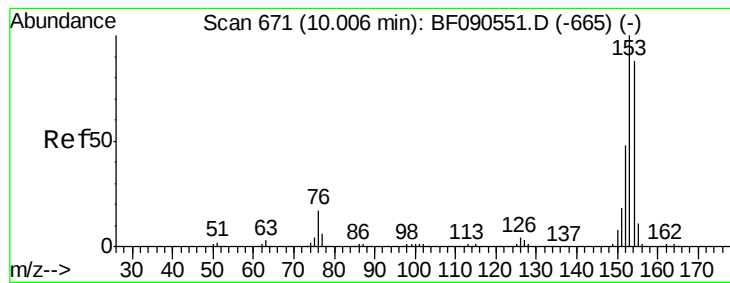
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#50
2,6-Dinitrotoluene
Concen: 57.83 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:165 Resp: 339166
Ion Ratio Lower Upper
165 100
63 43.2 40.1 60.1
89 45.4 39.5 59.3





#51

Acenaphthene

Concen: 51.08 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tot Ion:154 Resp: 1267195

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

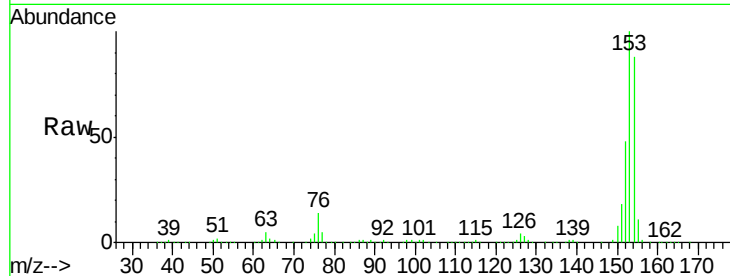
152 54.9 44.0 66.0

Manual Integrations

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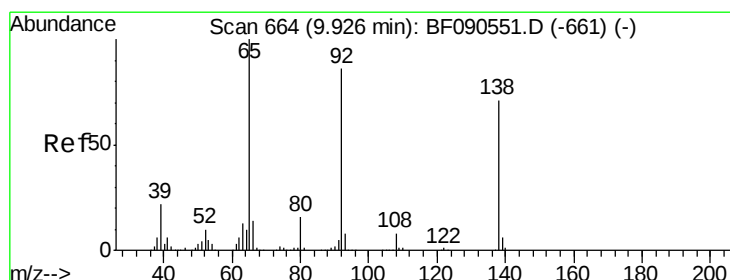
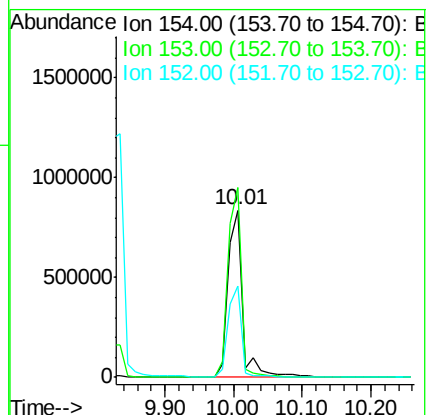
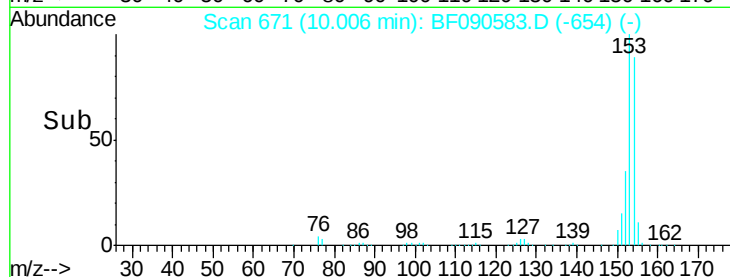
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.16 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

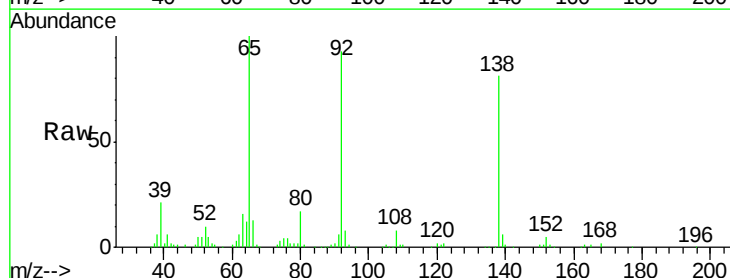
Tgt Ion:138 Resp: 163105

Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

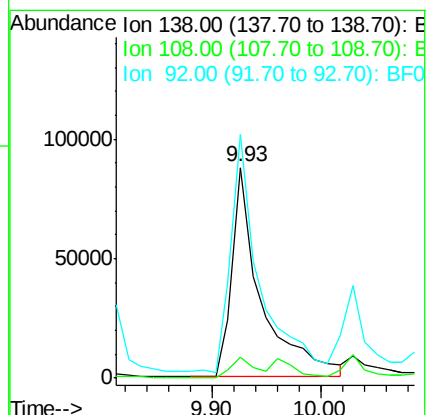
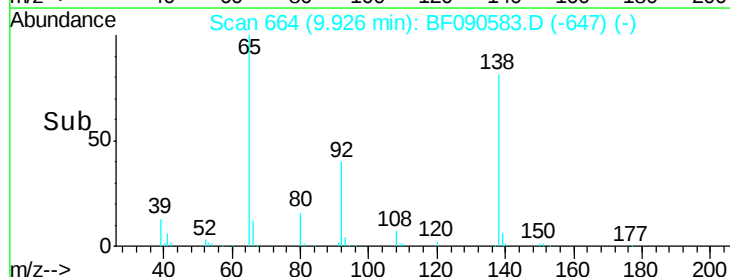
92 115.4 97.8 146.8

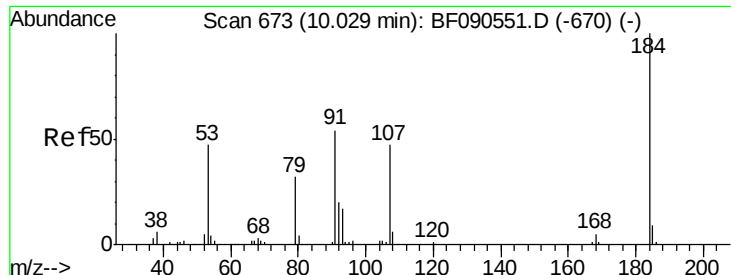


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





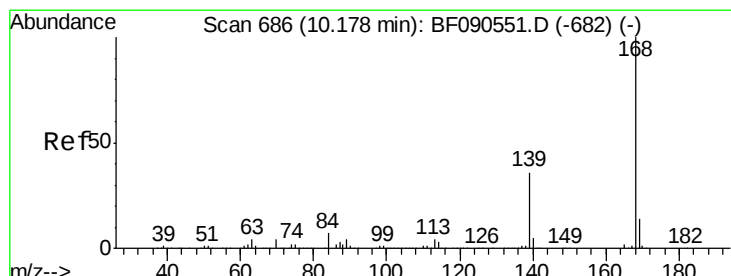
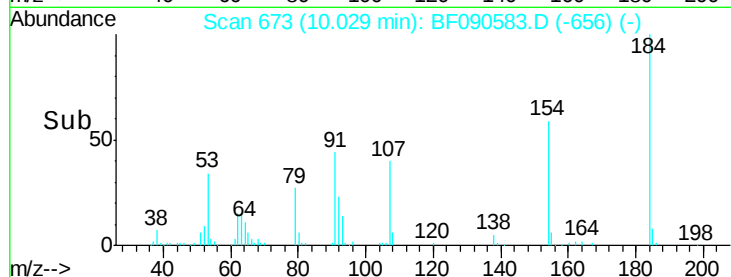
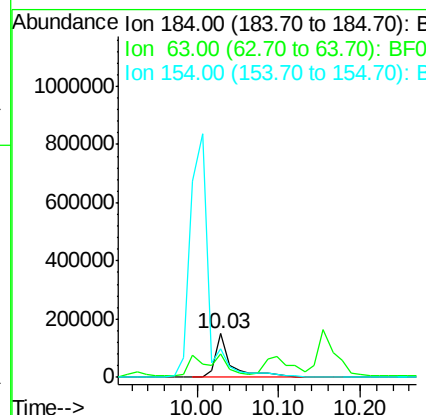
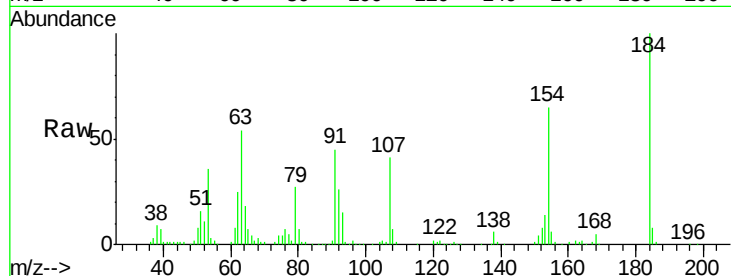
#53
2,4-Dinitrophenol
Concen: 67.61 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.9	60.2	90.2#	
154	65.1	86.1	129.1#	

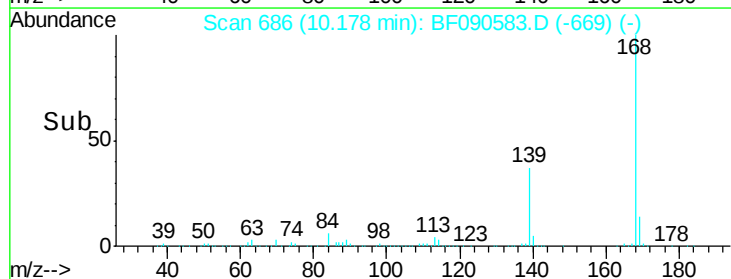
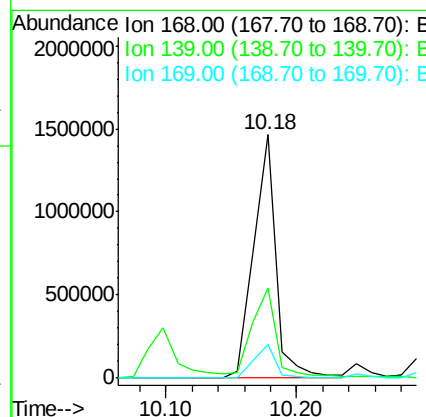
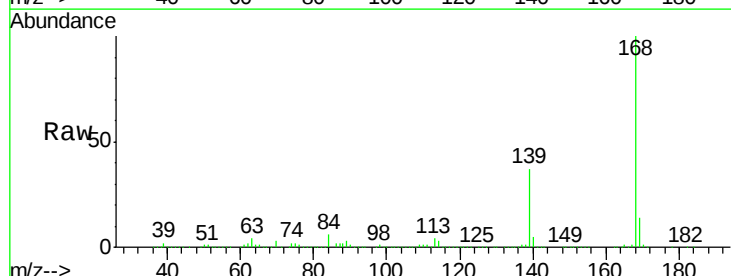
Manual Integrations
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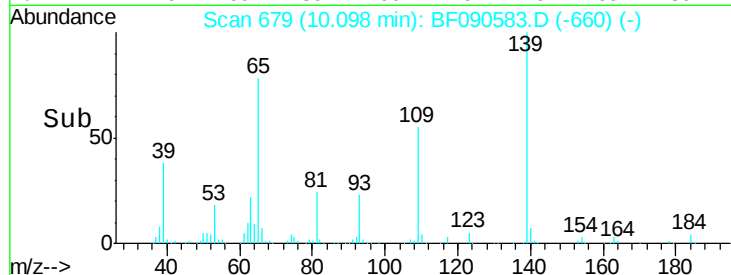
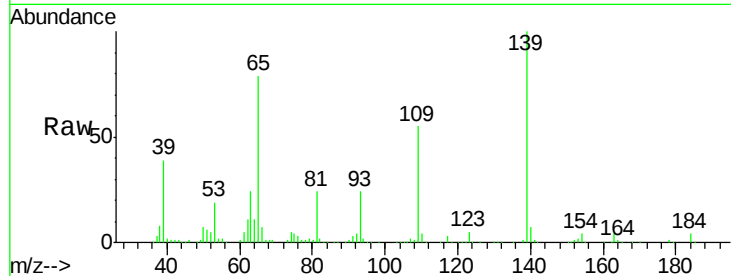
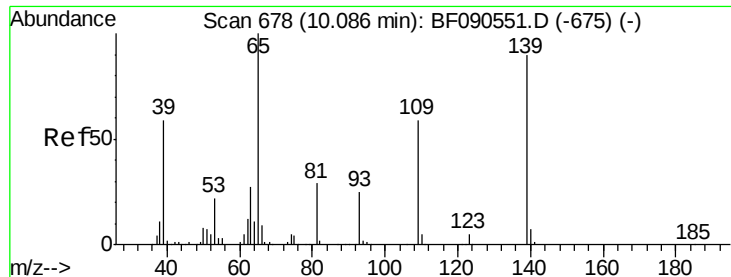
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#54
Dibenzofuran
Concen: 53.28 ng
RT: 10.18 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	30.5	45.7	
169	13.7	10.9	16.3	





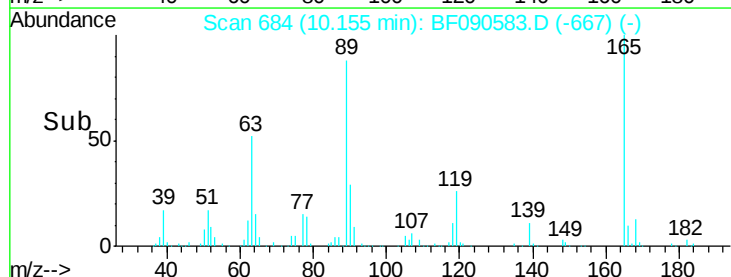
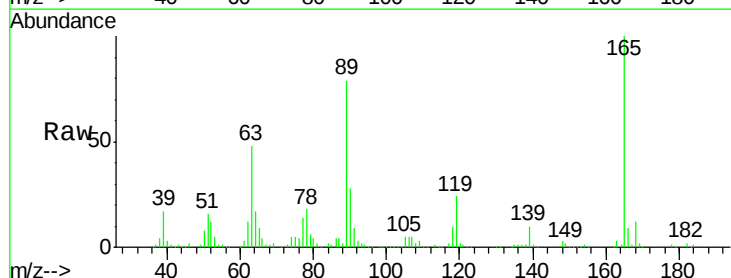
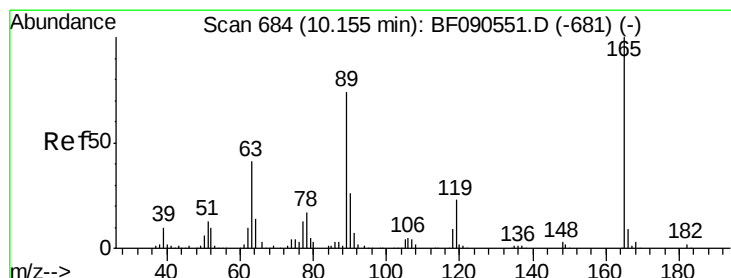
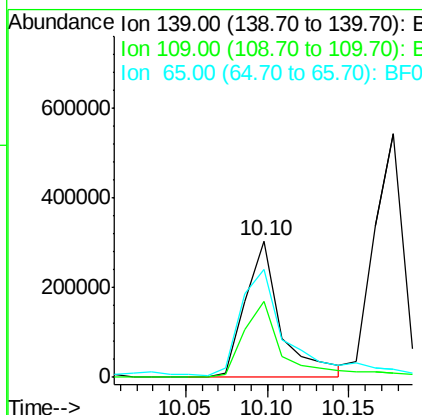
#55
4-Nitrophenol
Concen: 104.67 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tot Ion:139 Resp: 463563
Ion Ratio Lower Upper
139 100
109 55.4 45.9 85.9
65 79.1 95.8 135.8#

Instrument :
BNA_F
ClientSampleId :
PB94073BS

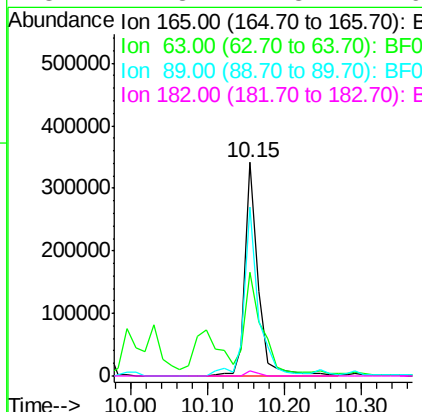
Manual Integrations
APPROVED

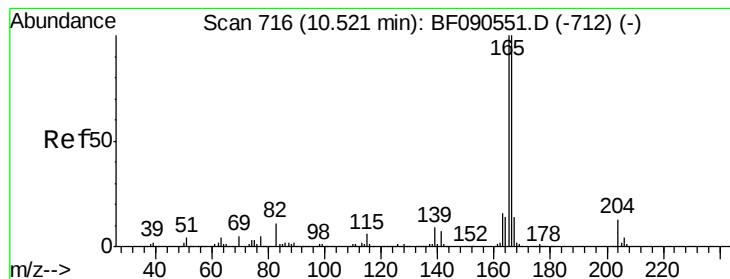
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#56
2,4-Dinitrotoluene
Concen: 50.90 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:165 Resp: 405423
Ion Ratio Lower Upper
165 100
63 48.4 35.4 53.0
89 78.9 59.0 88.4
182 2.3 1.8 2.6





#57

Fluorene

Concen: 51.40 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tot Ion:166 Resp: 1383637

Ion Ratio Lower Upper

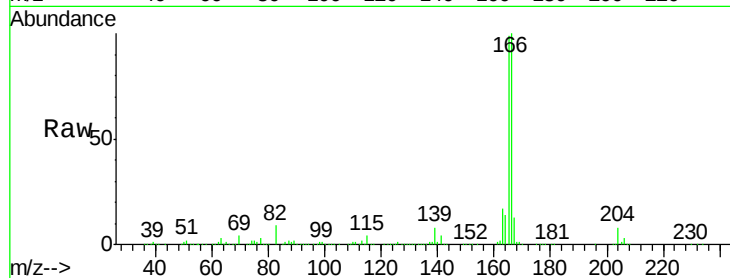
166 100

165 99.5 79.9 119.9

167 13.5 10.9 16.3

Manual Integrations
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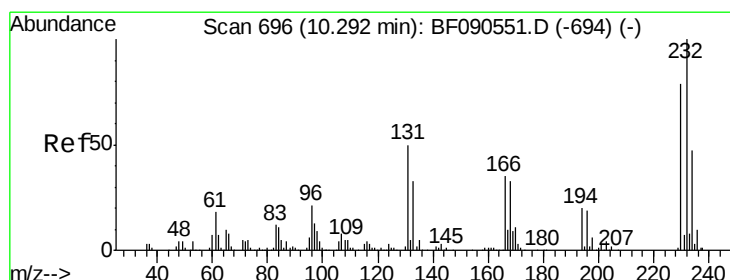
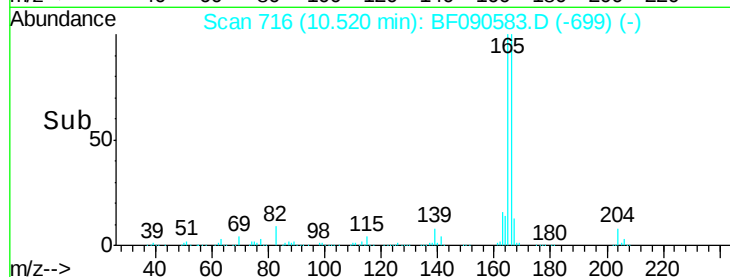
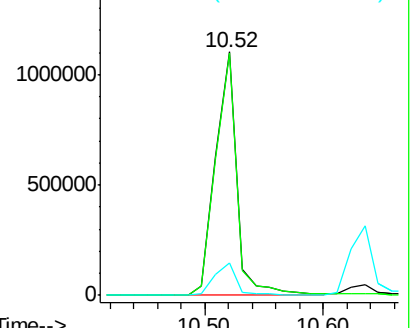
sohil
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.30 ng

RT: 10.29 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion:232 Resp: 351750

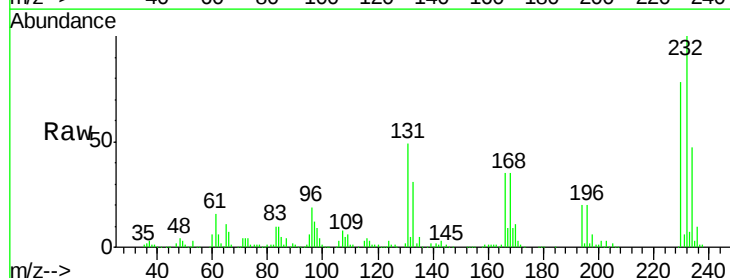
Ion Ratio Lower Upper

232 100

131 48.1 42.6 64.0

130 2.3 1.8 2.8

166 31.4 27.5 41.3

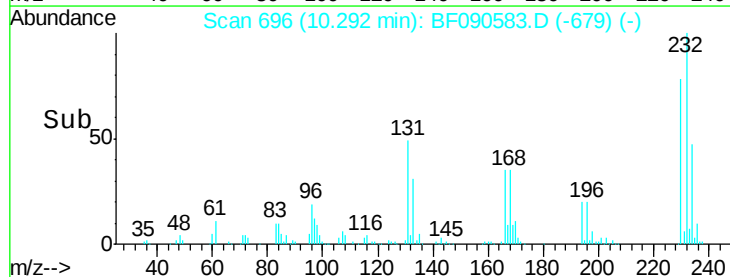
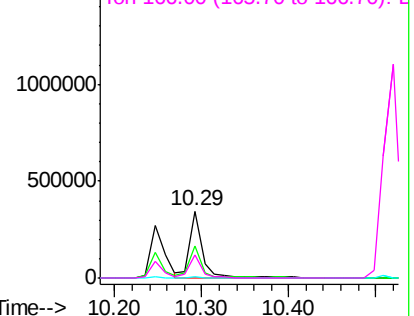


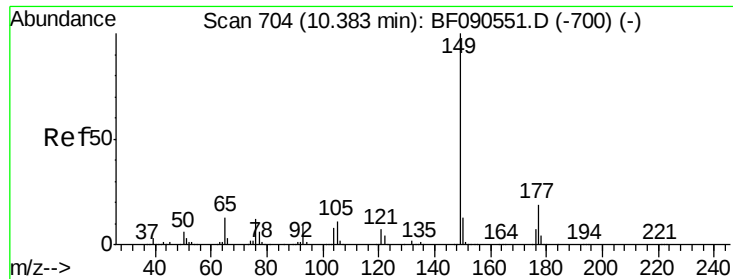
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





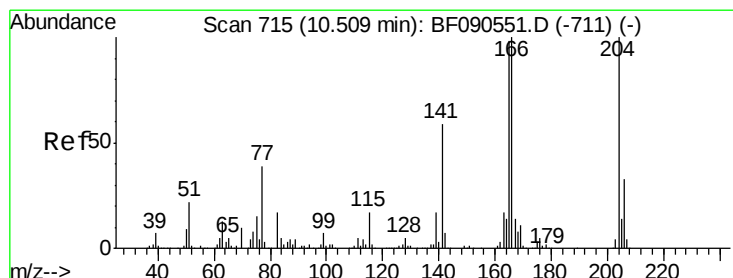
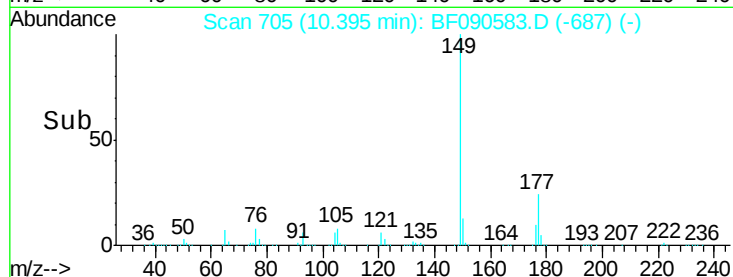
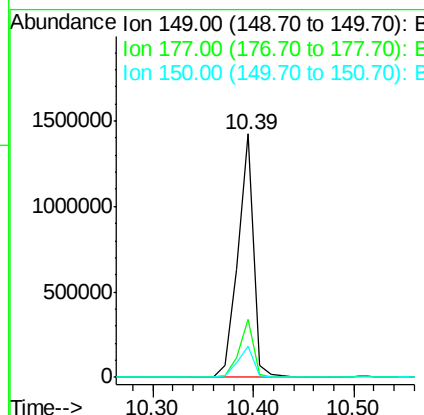
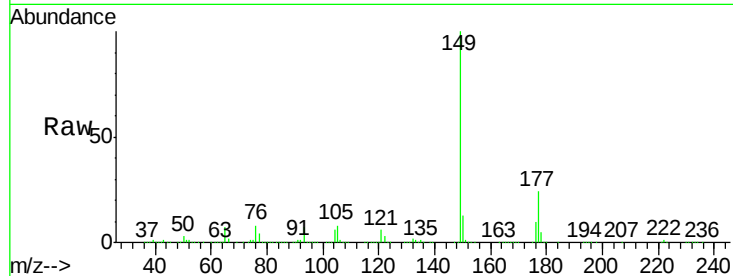
#59
Diethylphthalate
Concen: 56.51 ng
RT: 10.39 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion:149 Resp: 1535988
Ion Ratio Lower Upper
149 100
177 23.7 15.3 22.9#
150 12.8 10.3 15.5

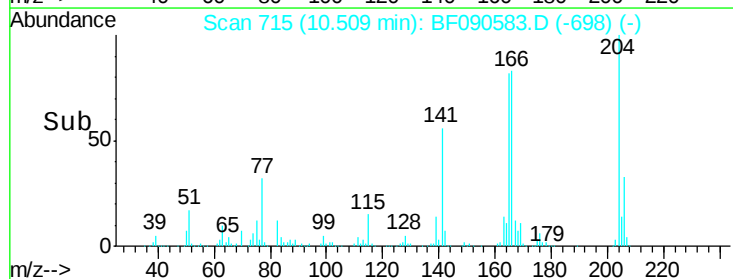
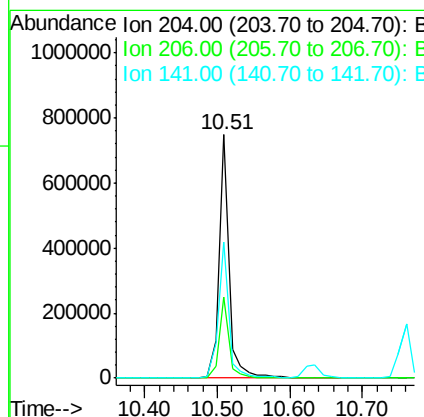
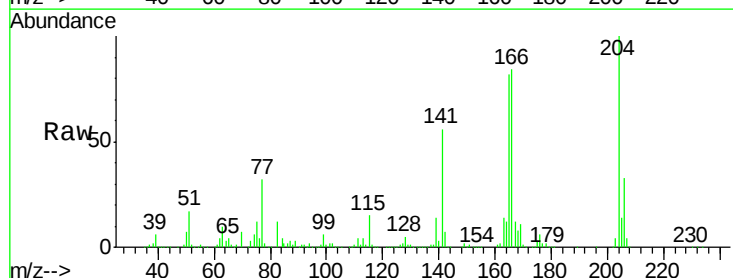
Manual Integrations
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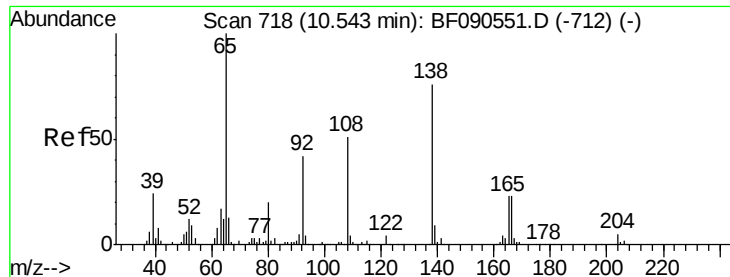
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 56.55 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:204 Resp: 717566
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 55.9 47.2 70.8





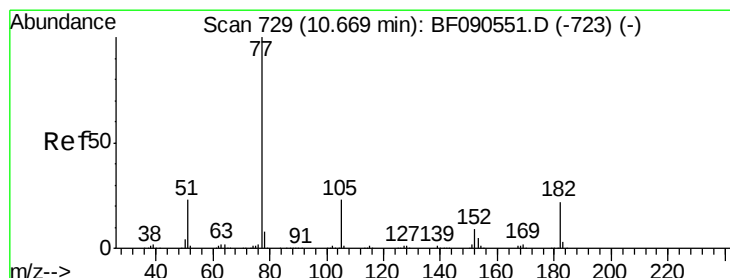
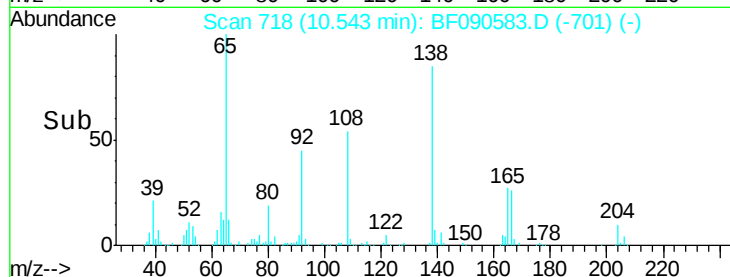
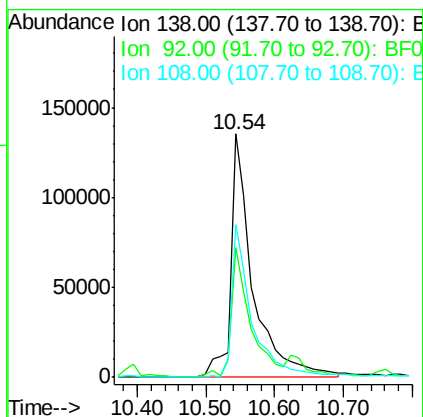
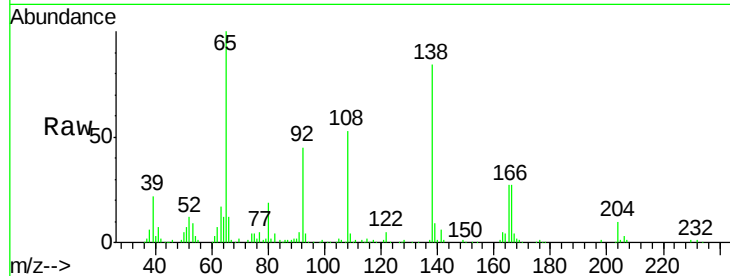
#61
4-Nitroaniline
Concen: 41.20 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	35.7	75.7
108	62.9	46.9	86.9

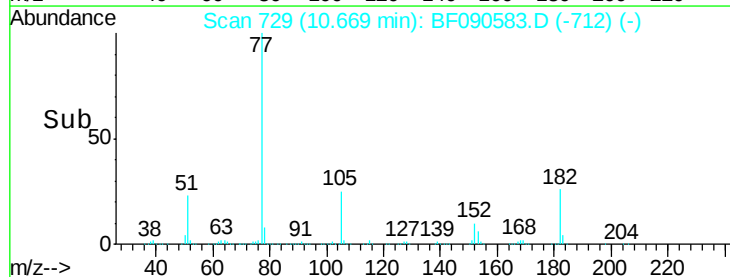
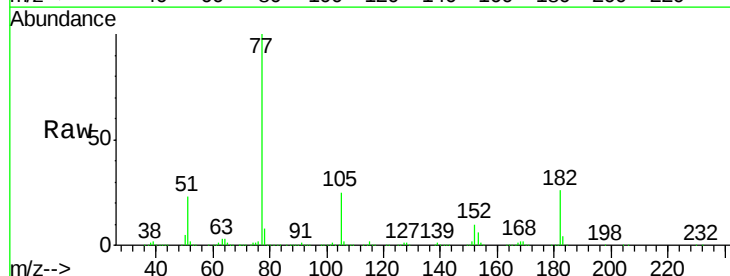
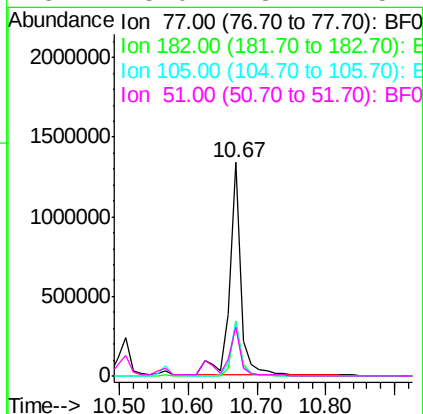
Manual Integrations
APPROVED

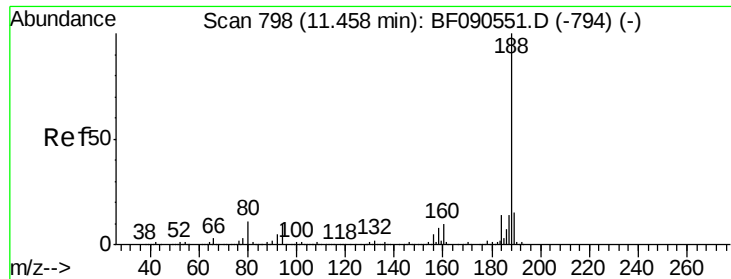
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#62
Azobenzene
Concen: 50.26 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	2.2	42.2
105	25.4	3.5	43.5
51	23.0	3.7	43.7





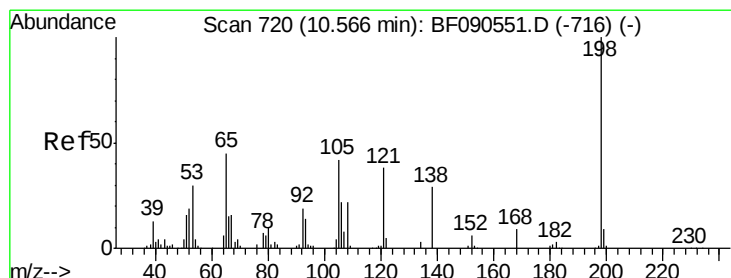
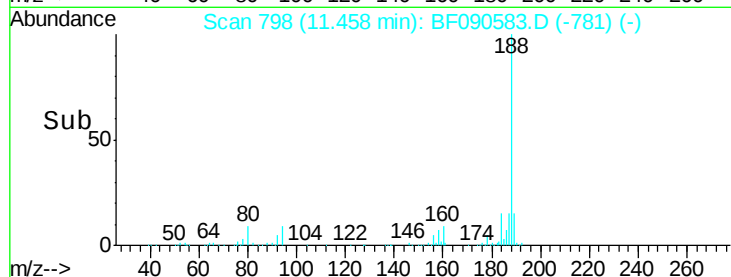
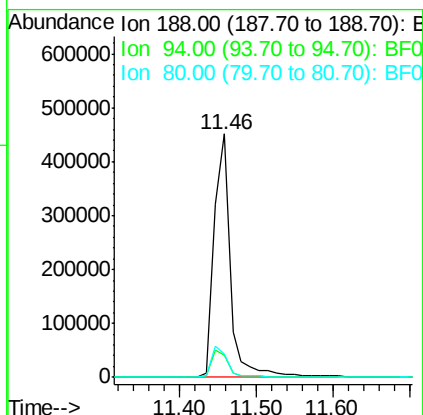
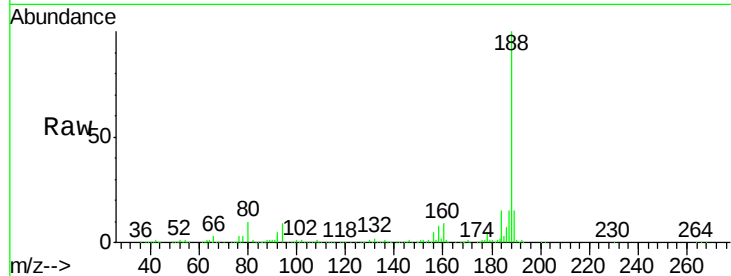
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	7.7	11.5
80	9.9	8.6	12.8

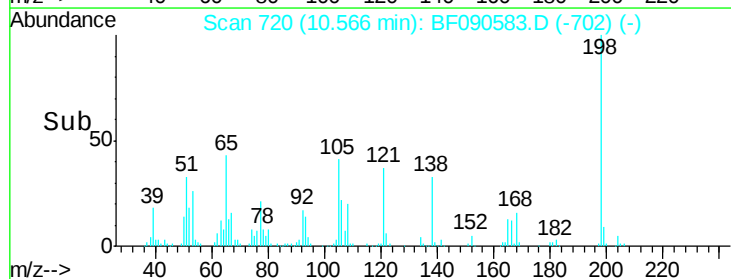
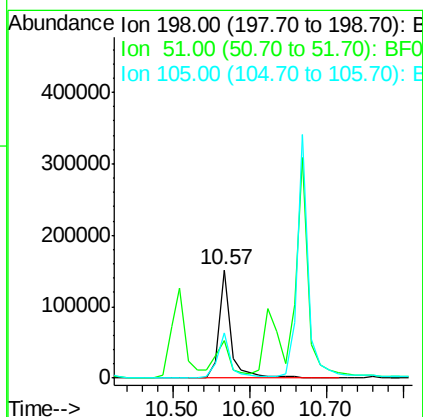
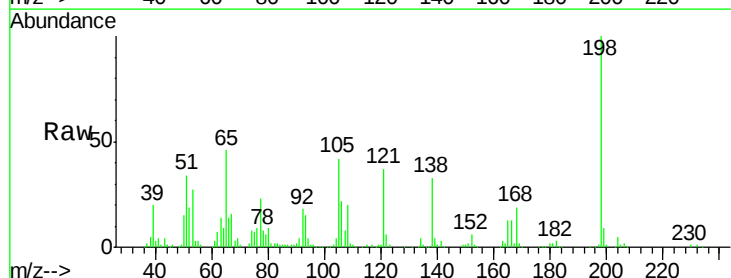
Manual Integrations
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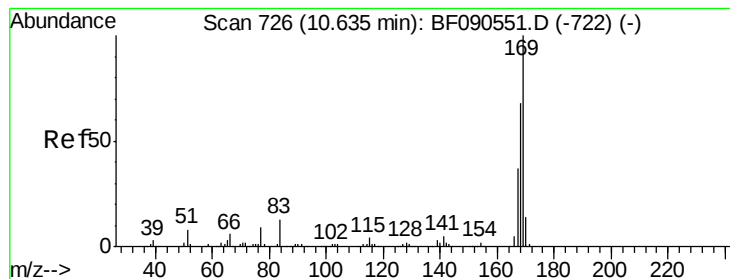
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.35 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	34.1	19.7	59.7
105	41.8	22.6	62.6





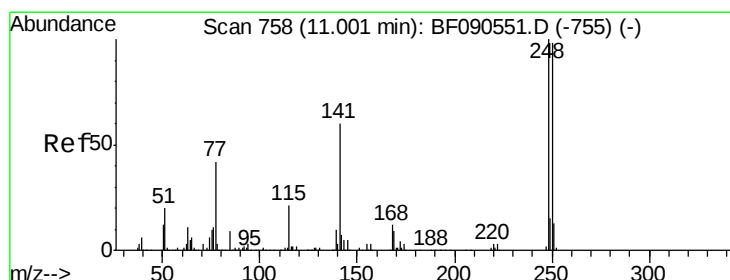
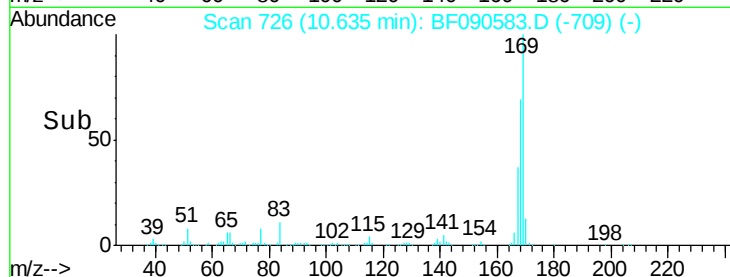
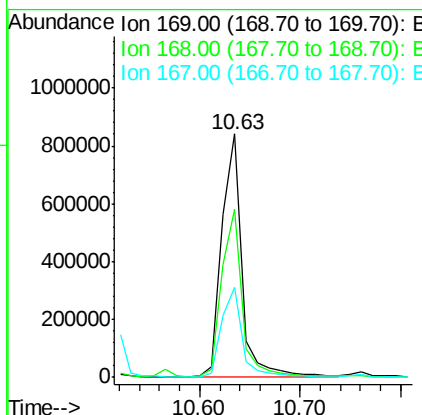
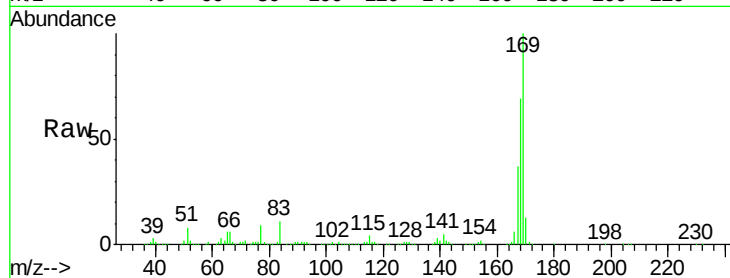
#65
n-Nitrosodiphenylamine
Concen: 53.52 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampled :
PB94073BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.6	81.8
167	37.1	29.8	44.8

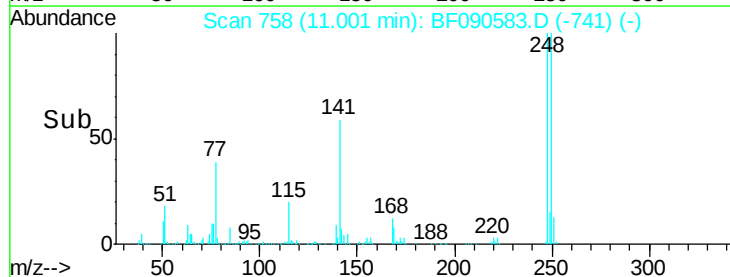
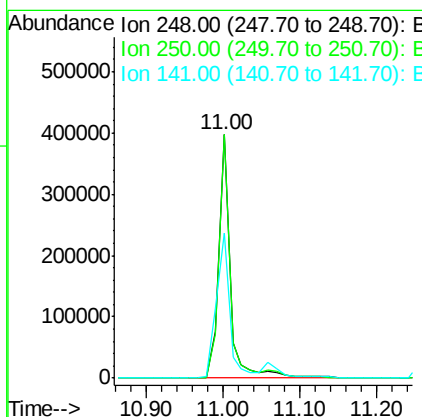
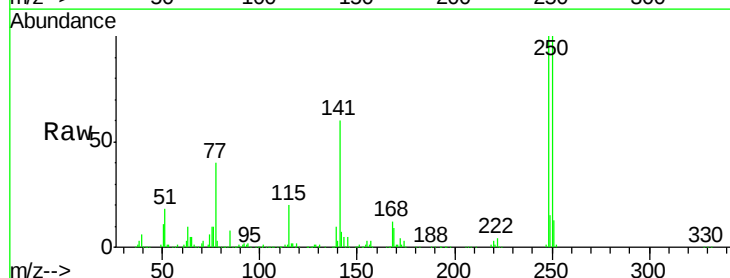
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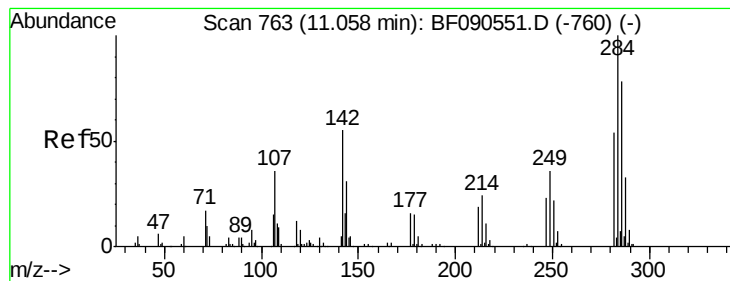
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#66
4-Bromophenyl-phenylether
Concen: 58.63 ng
RT: 11.00 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	78.4	117.6
141	59.6	48.4	72.6





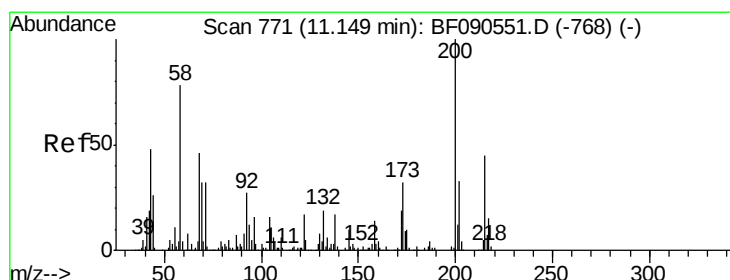
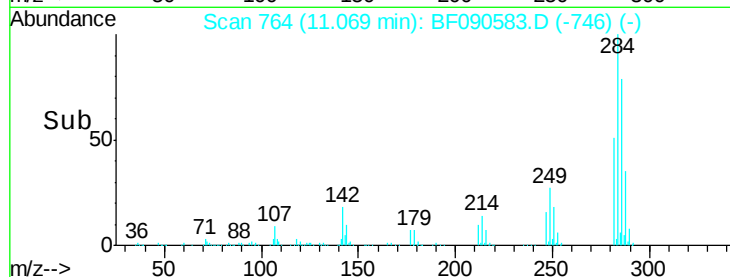
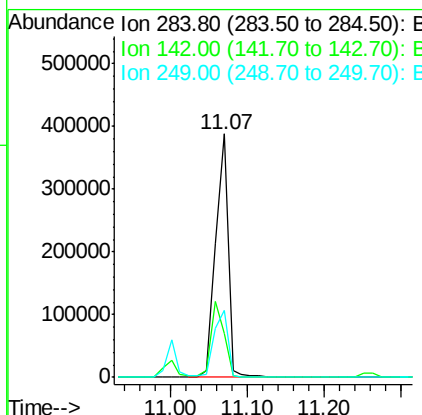
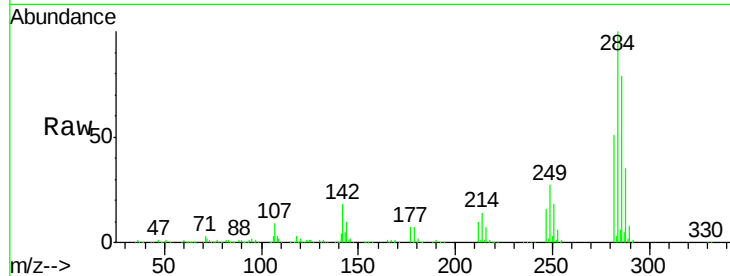
#67
Hexachlorobenzene
Concen: 56.53 ng
RT: 11.07 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	17.8	44.5	66.7#	
249	27.3	29.6	44.4#	

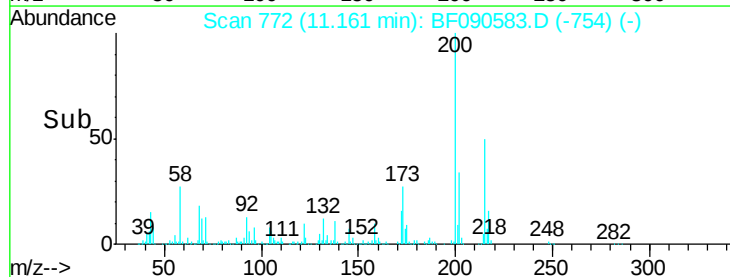
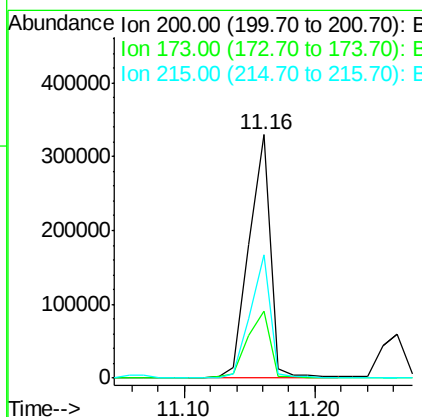
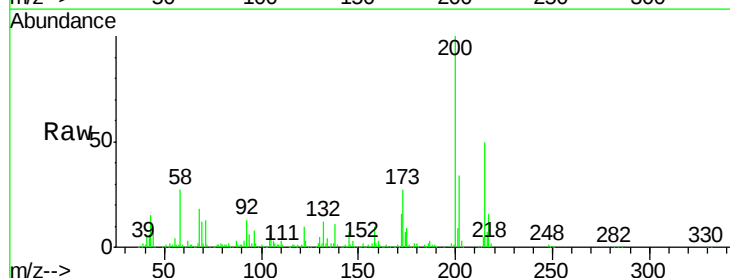
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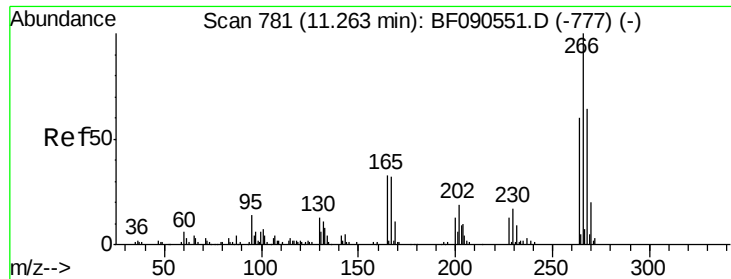
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#68
Atrazine
Concen: 62.31 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	12.0	52.0	
215	50.4	25.2	65.2	





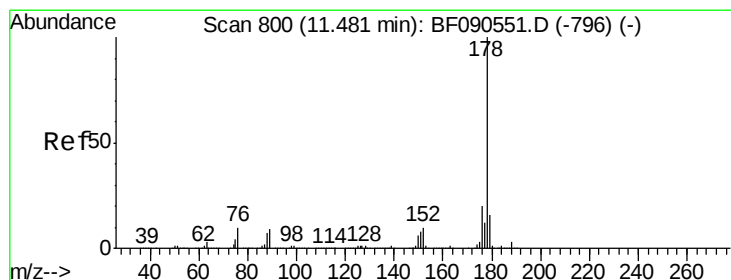
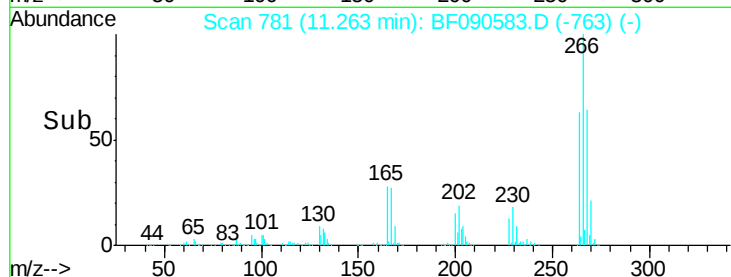
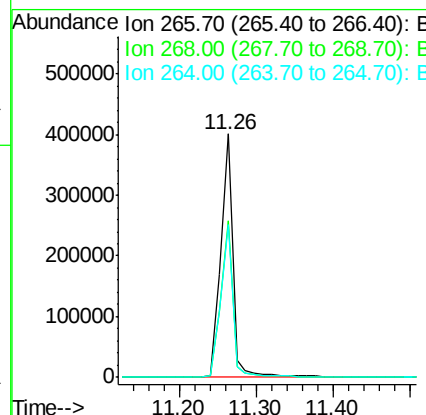
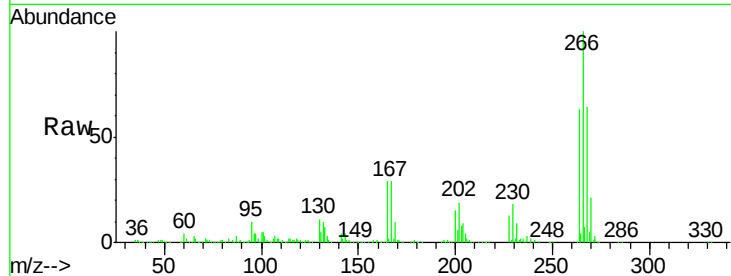
#69
 Pentachlorophenol
 Concen: 115.66 ng
 RT: 11.26 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampled :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.5	77.3
264	62.5	47.9	71.9

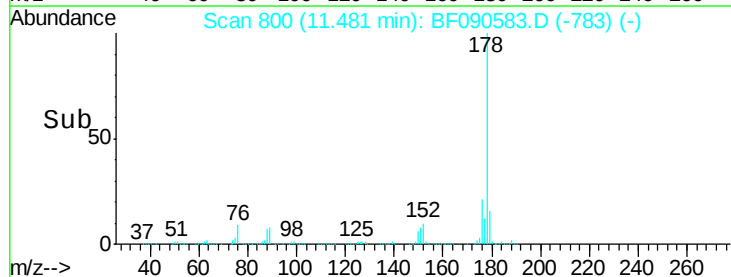
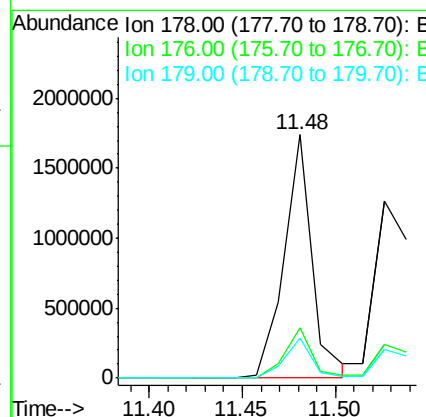
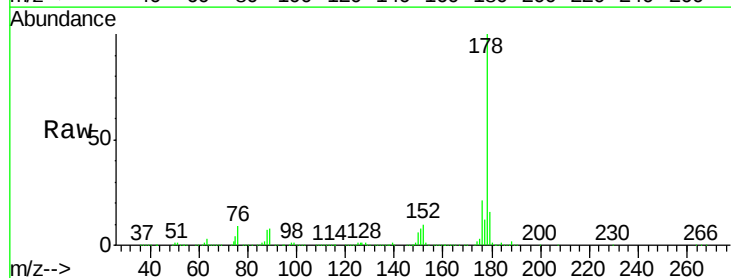
Manual Integrations
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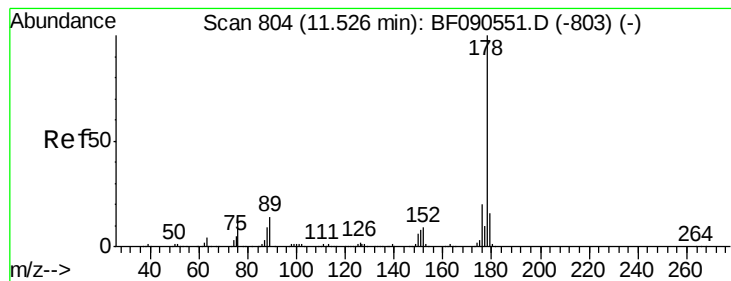
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#70
 Phenanthrene
 Concen: 50.89 ng
 RT: 11.48 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	16.2	12.6	19.0





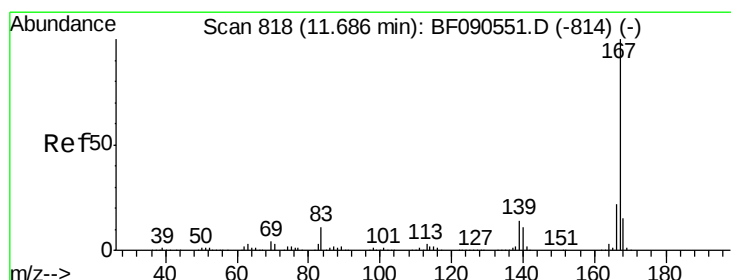
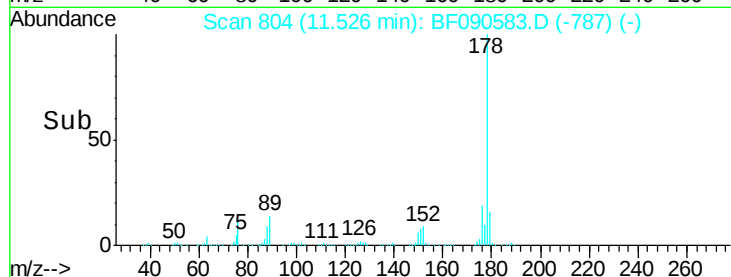
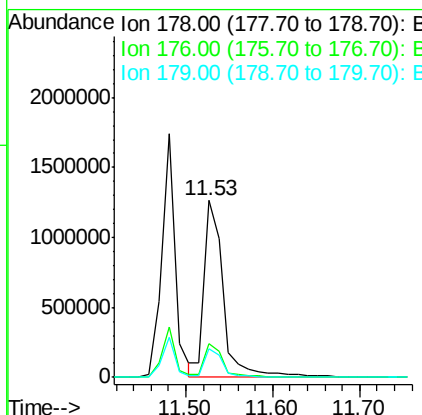
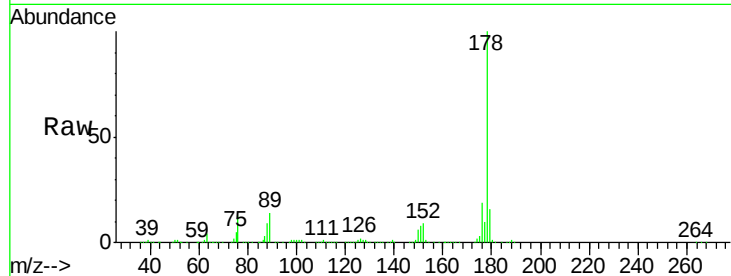
#71
 Anthracene
 Concen: 50.39 ng
 RT: 11.53 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion:178 Resp: 1929155
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.1 13.0 19.4

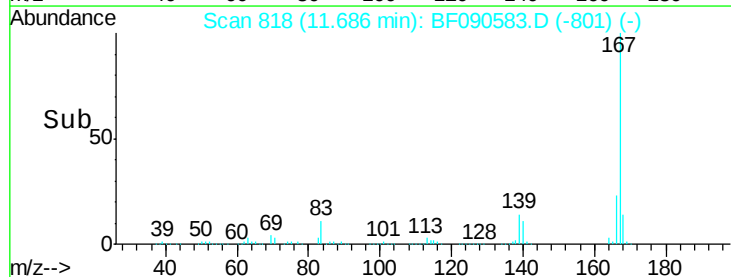
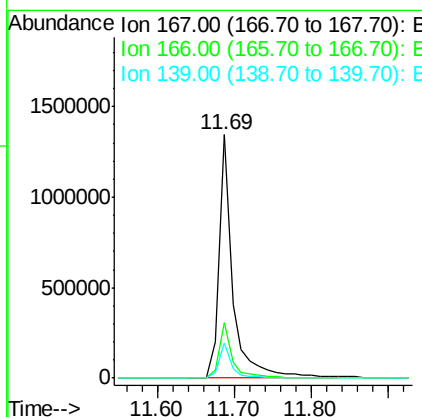
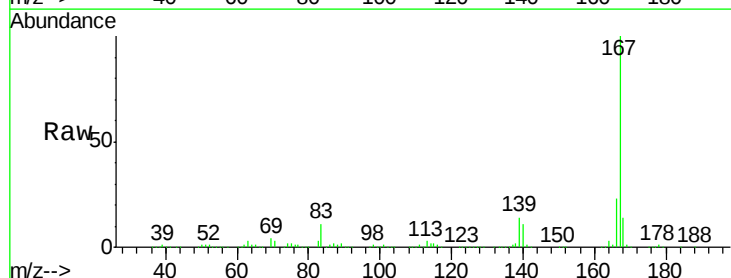
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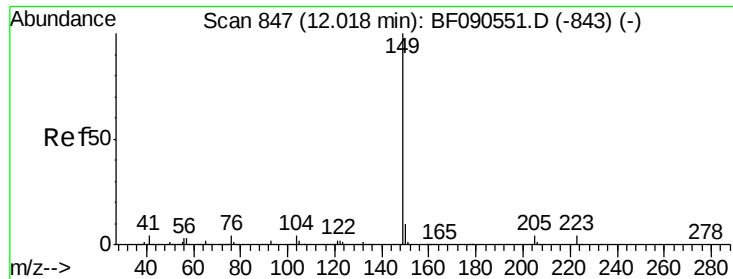
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#72
 Carbazole
 Concen: 49.11 ng
 RT: 11.69 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:167 Resp: 1683028
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 14.5 11.3 16.9





#73

Di-n-butylphthalate

Concen: 56.18 ng

RT: 12.02 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:149 Resp: 2255574

Ion Ratio Lower Upper

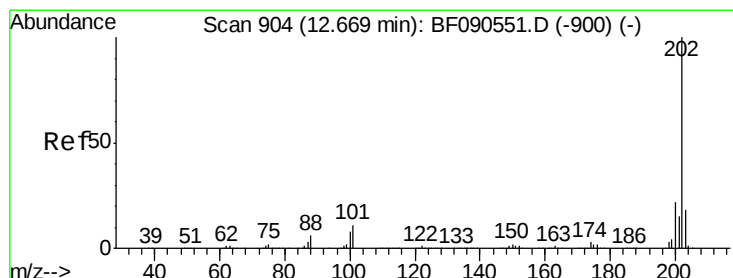
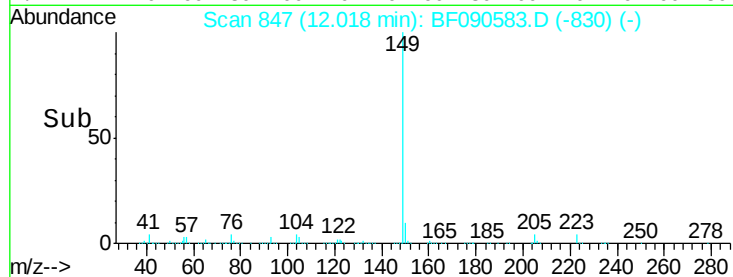
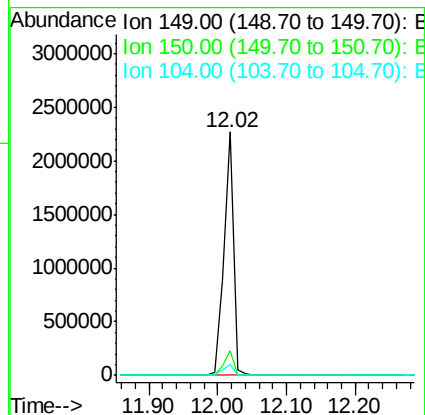
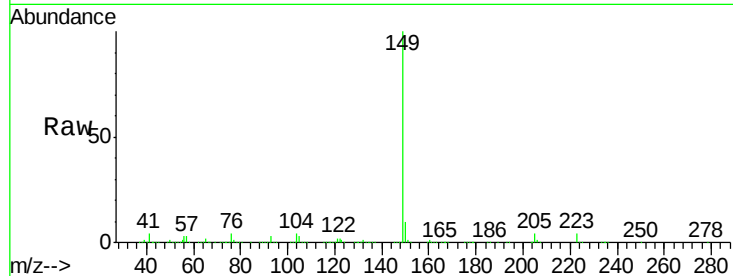
149 100

150 9.9 7.8 11.6

104 4.3 3.3 4.9

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#74

Fluoranthene

Concen: 48.09 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

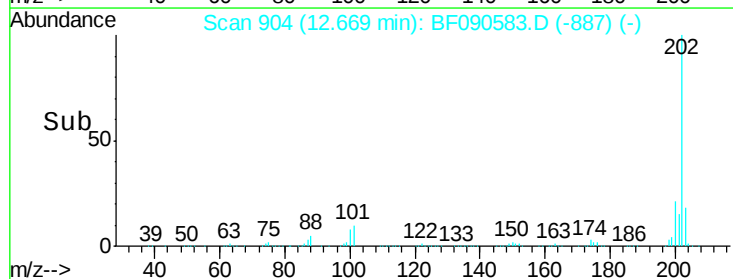
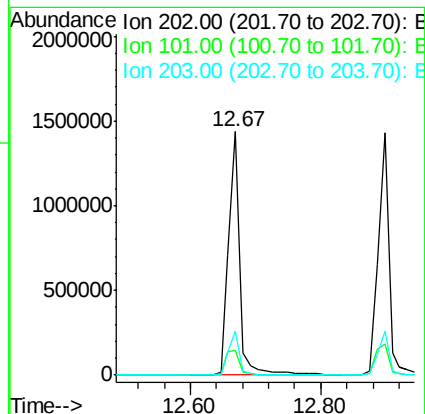
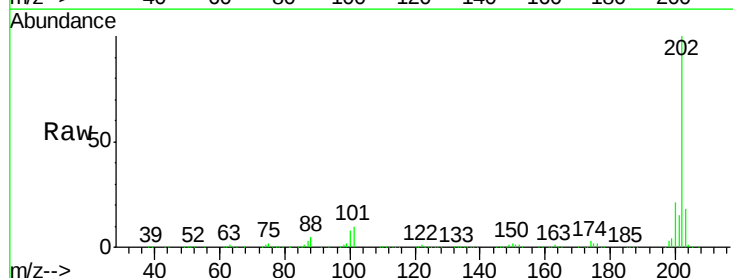
Tgt Ion:202 Resp: 1720513

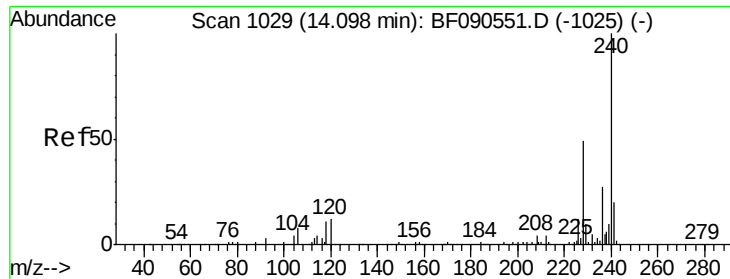
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.1

203 18.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

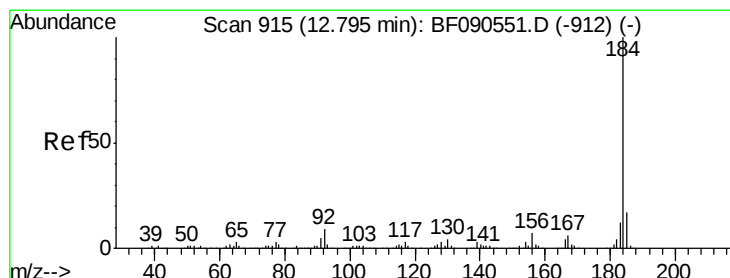
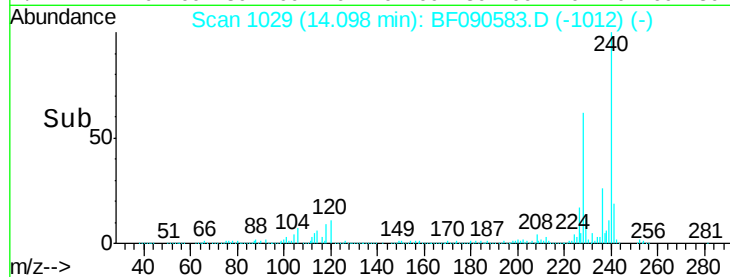
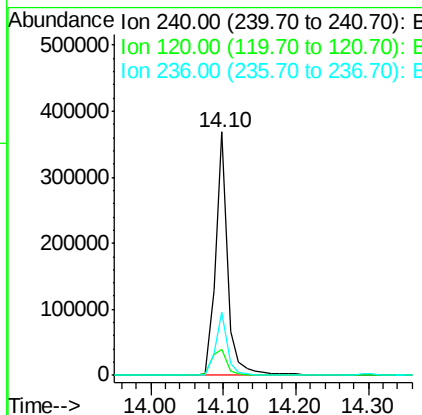
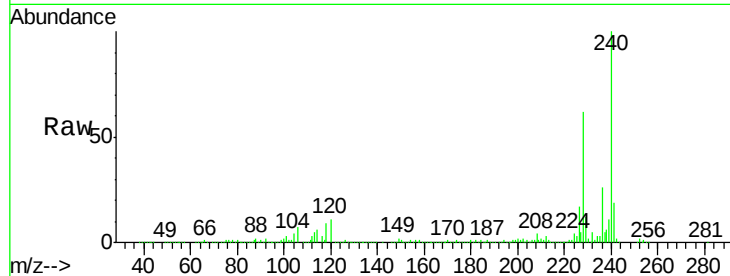
ClientSampleId :

PB94073BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.8	14.8
236	25.9	21.7	32.5

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#76

Benzidine

Concen: 24.47 ng

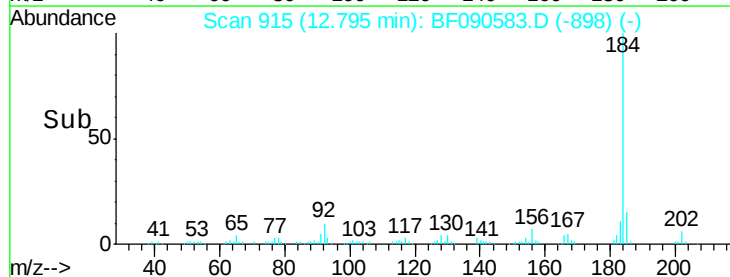
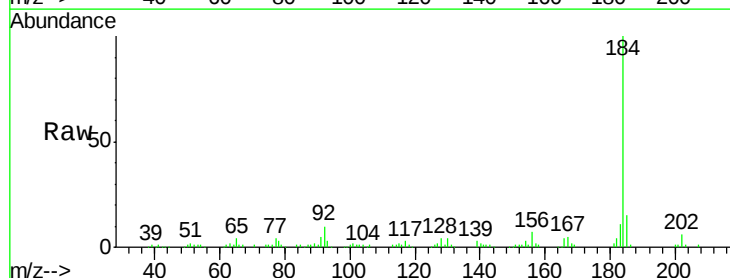
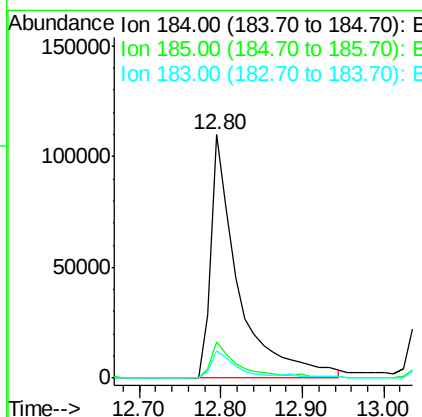
RT: 12.80 min Scan# 915

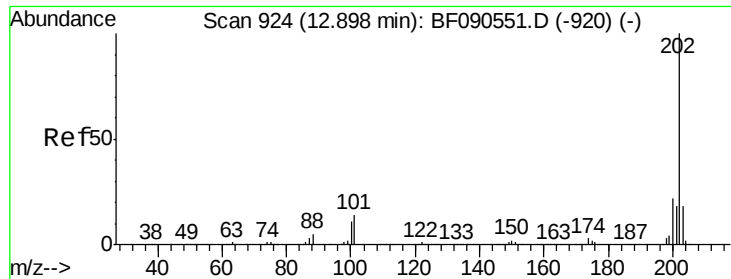
Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	11.3	9.4	14.0





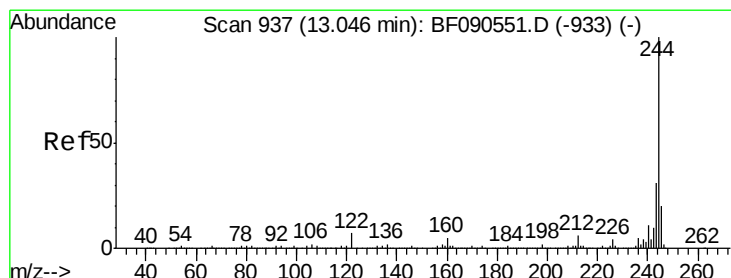
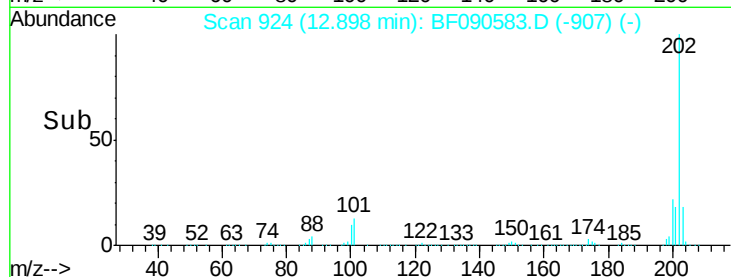
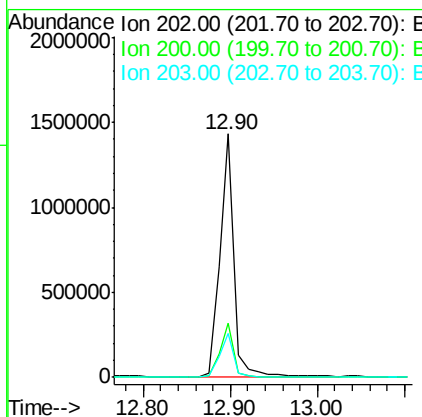
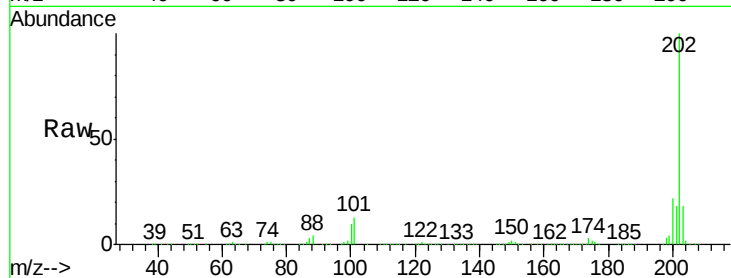
#77
Pvrene
Concen: 57.29 ng
RT: 12.90 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.2	14.6	21.8

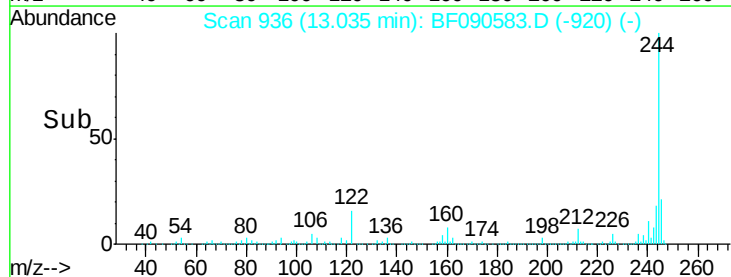
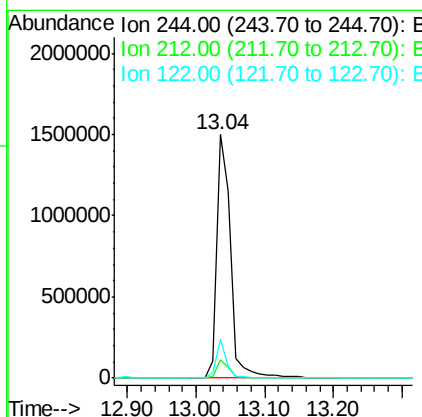
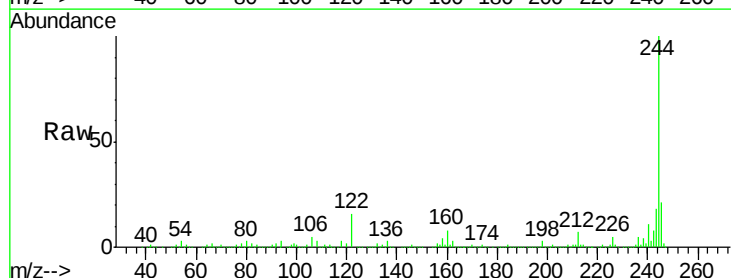
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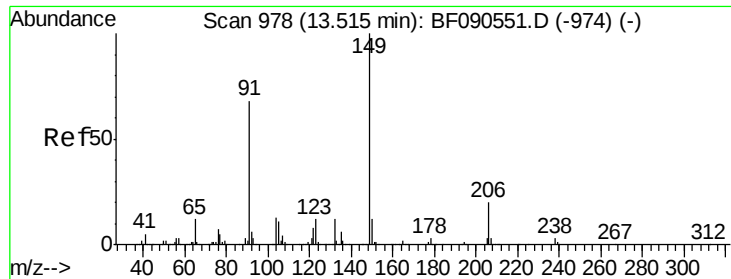
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#78
Terphenyl-d14
Concen: 116.12 ng
RT: 13.04 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.0	7.4
122	16.0	5.6	8.4#





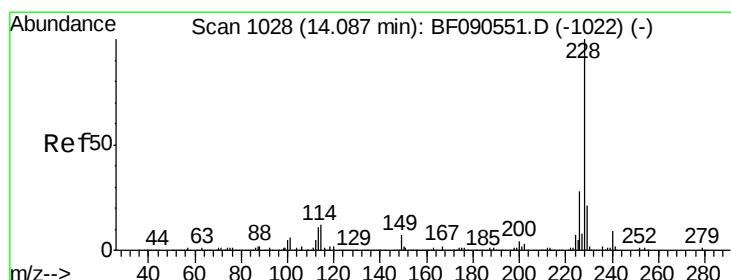
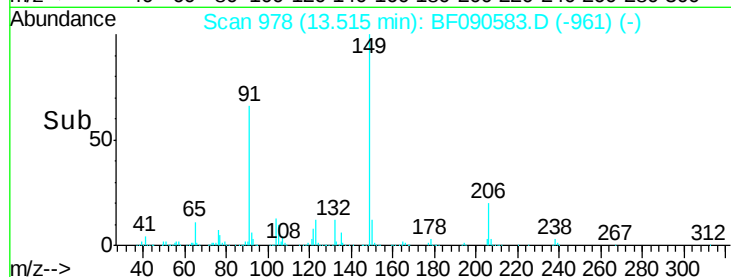
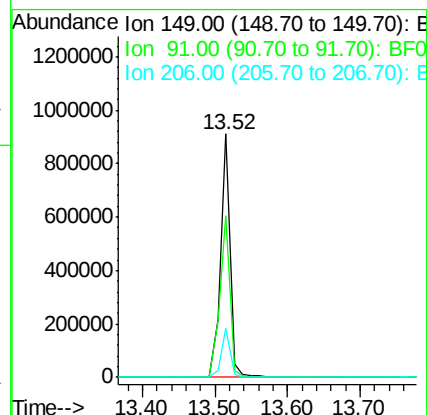
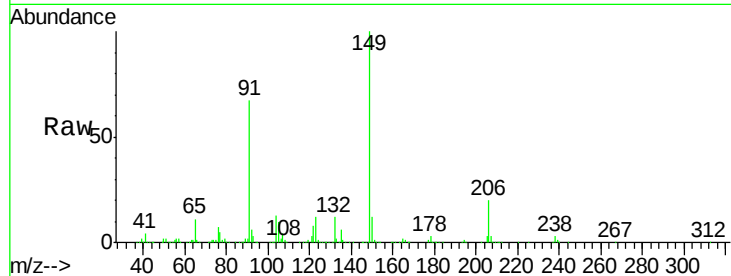
#79
Butylbenzylphthalate
Concen: 66.67 ng
RT: 13.52 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	54.3	81.5
206	19.9	15.8	23.6

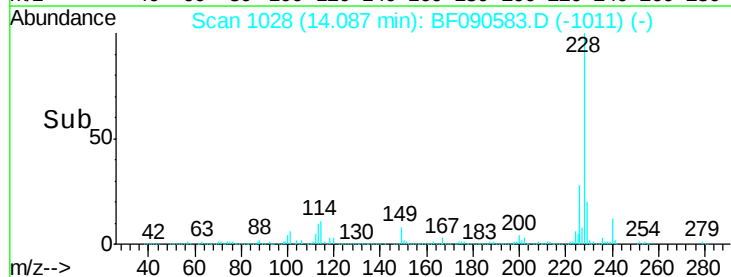
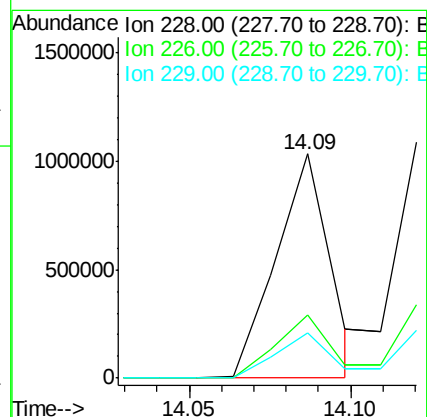
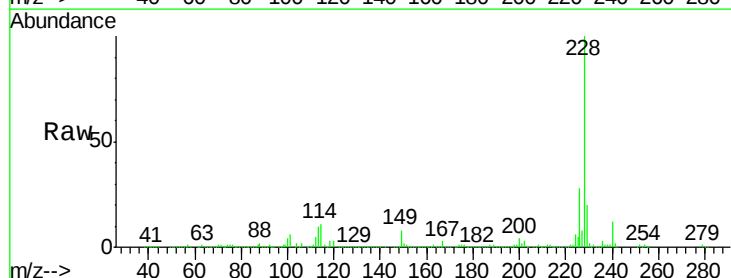
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#80
Benzo(a)anthracene
Concen: 49.35 ng m
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	20.2	16.6	25.0





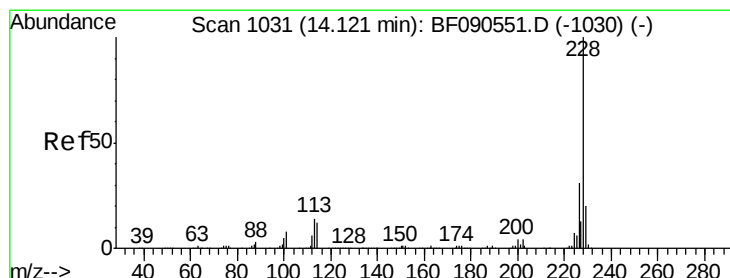
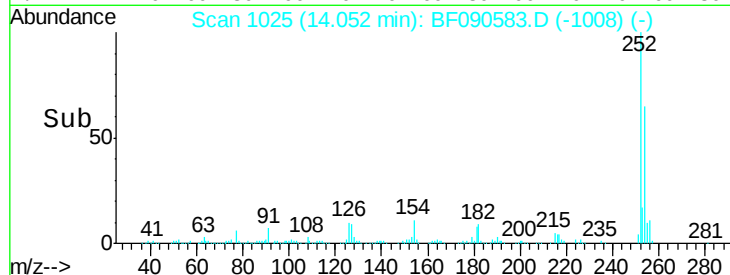
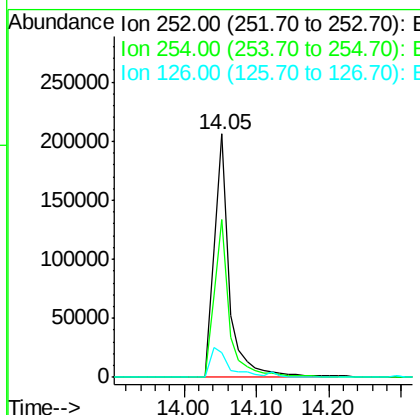
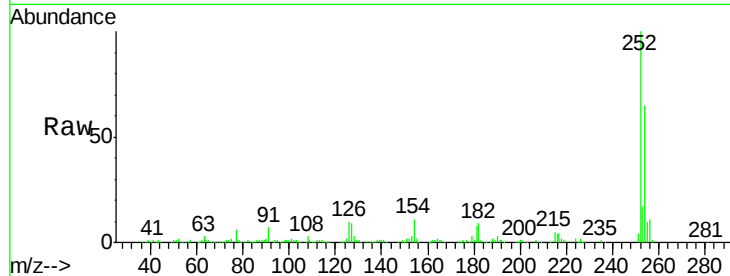
#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	10.1	9.3	13.9

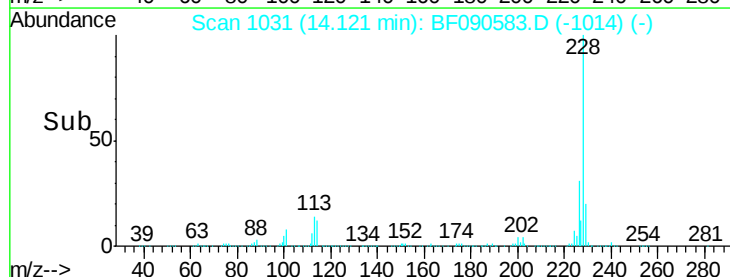
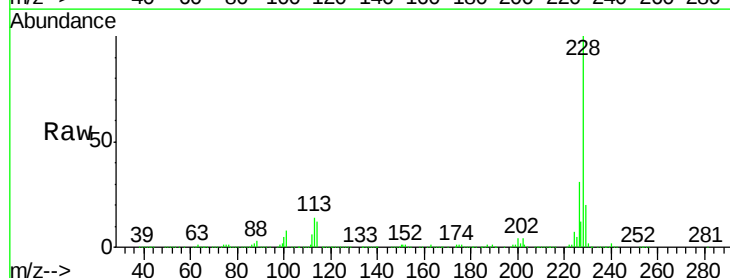
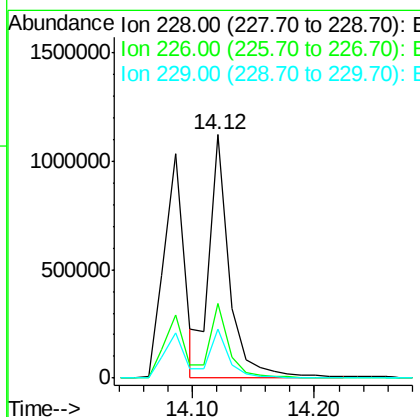
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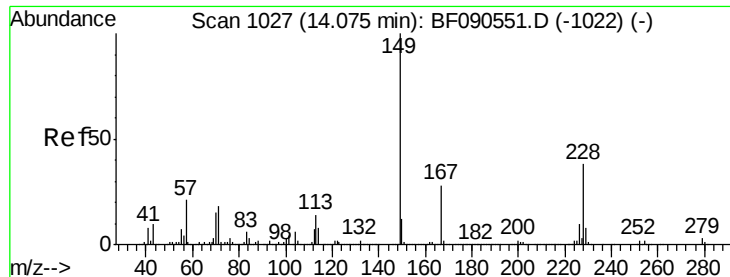
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#82
 Chrysene
 Concen: 55.56 ng m
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 67.71 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tot Ion:149 Resp: 1143062

Ion Ratio Lower Upper

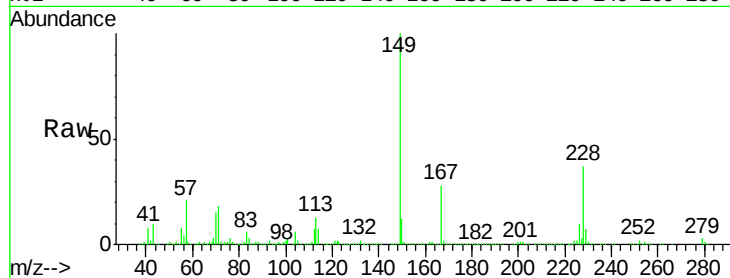
149 100

167 27.7 22.1 33.1

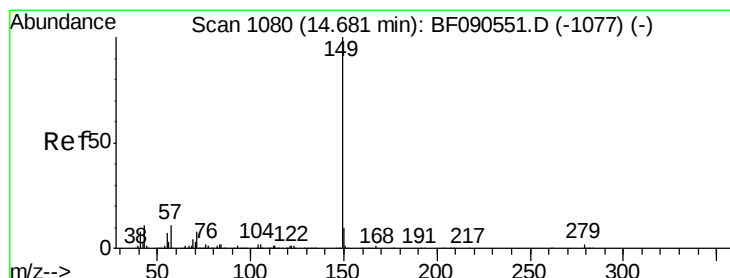
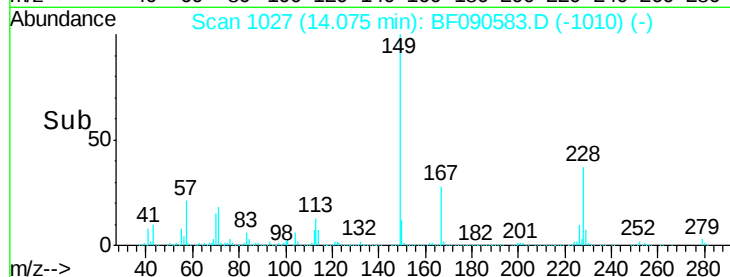
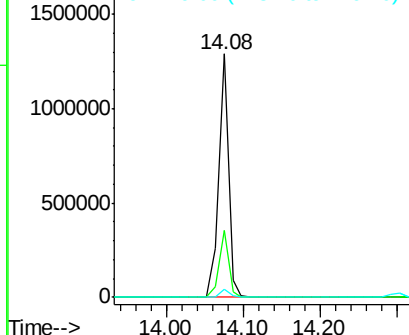
279 3.4 2.6 4.0

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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: 71.82 ng

RT: 14.69 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

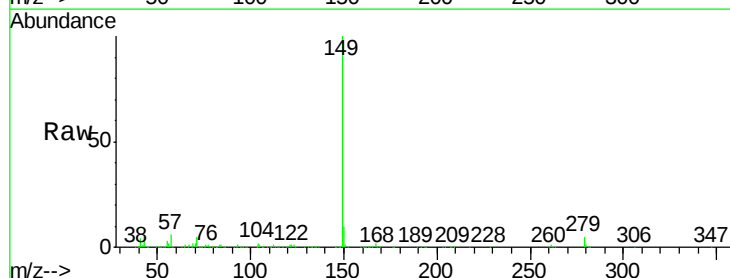
Tgt Ion:149 Resp: 1625517

Ion Ratio Lower Upper

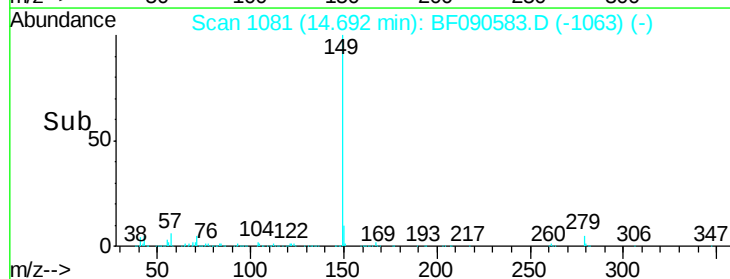
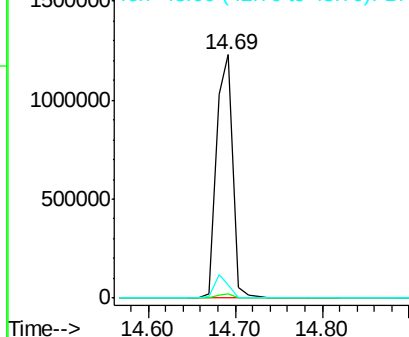
149 100

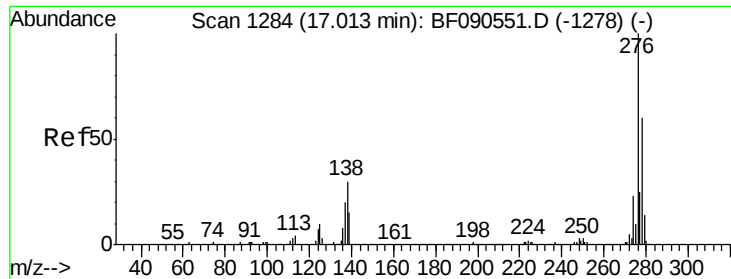
167 1.5 1.2 1.8

43 8.2 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





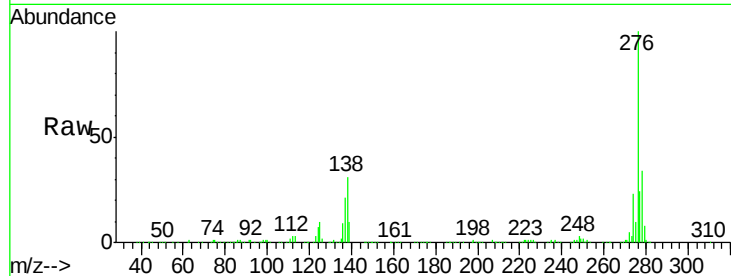
#85
Indeno(1,2,3-cd)pyrene
Concen: 85.71 ng
RT: 17.01 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampled :
PB94073BS

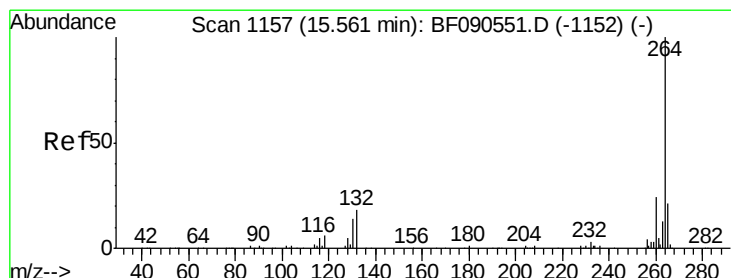
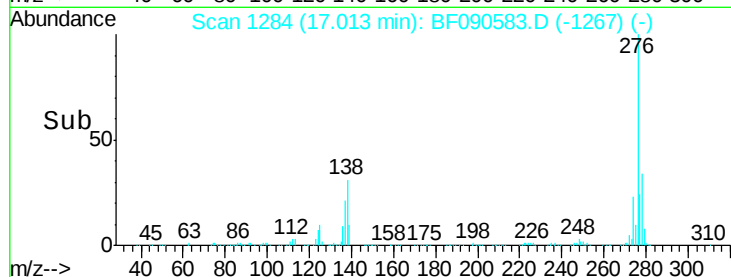
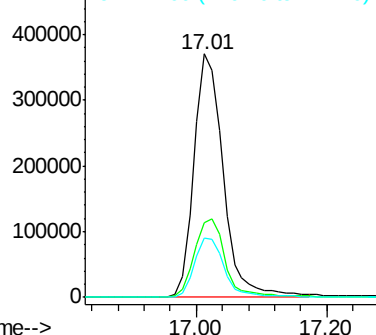
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.8	38.6
277	25.0	20.1	30.1

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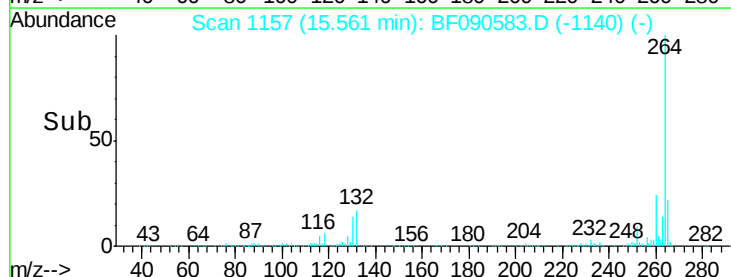
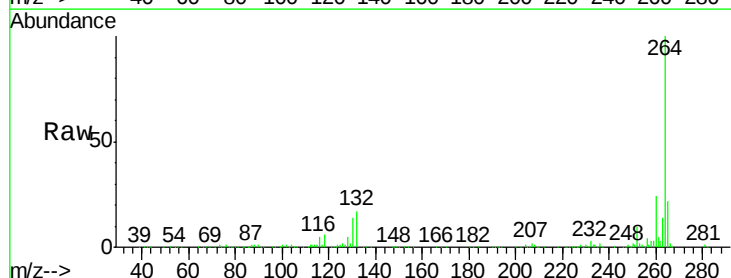
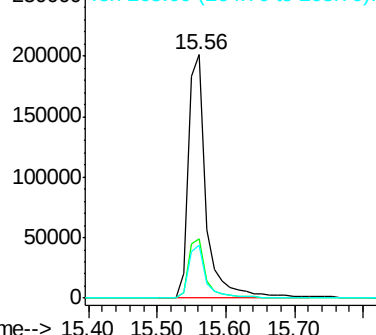
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

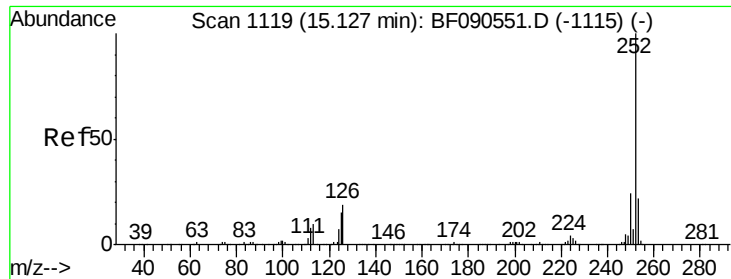


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.6	16.7	25.1

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





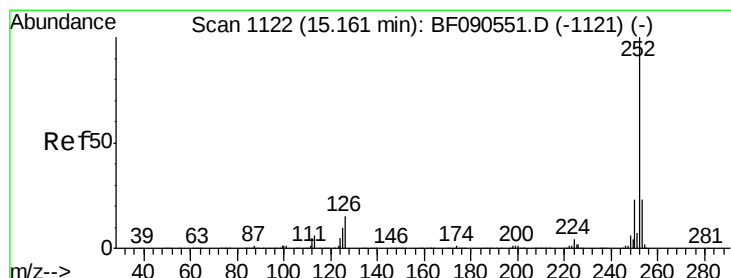
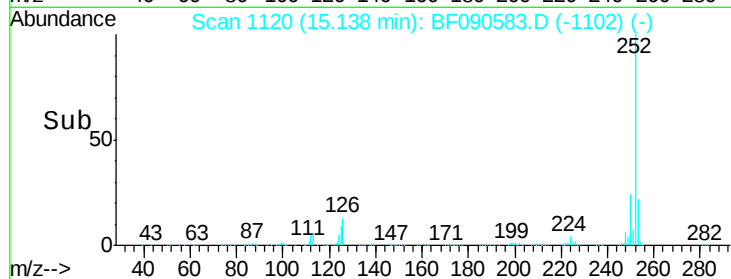
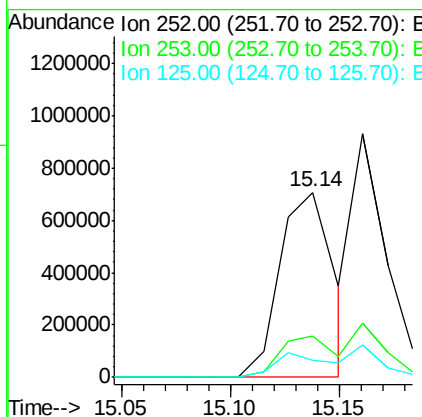
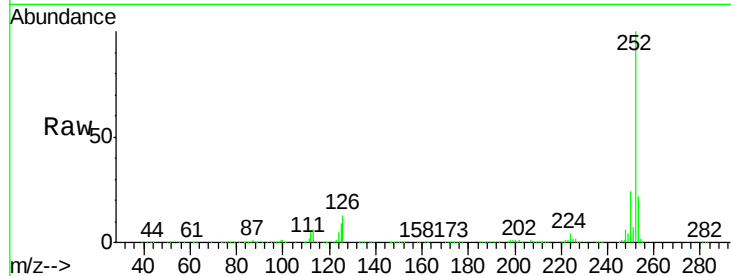
#87
Benzo(b)fluoranthene
Concen: 50.20 ng
RT: 15.14 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion:252 Resp: 1215172
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 12.0 18.0#

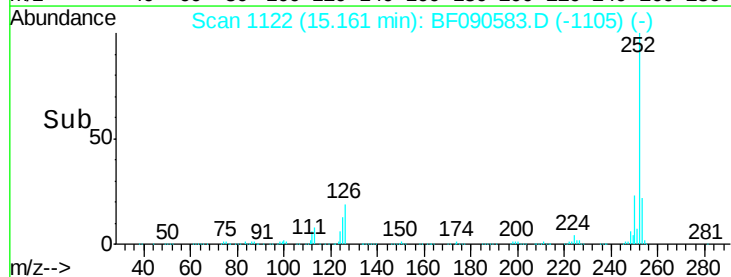
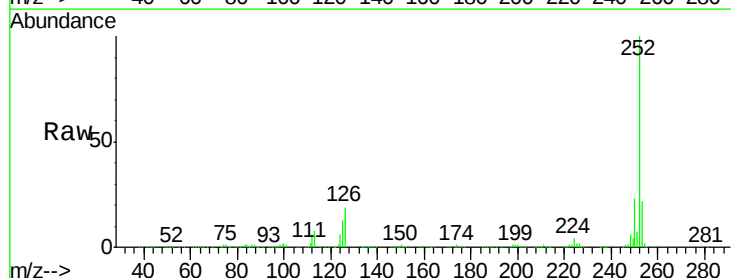
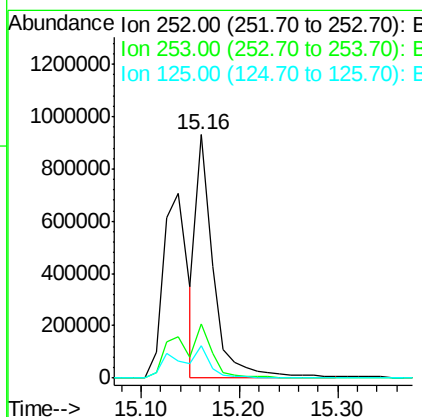
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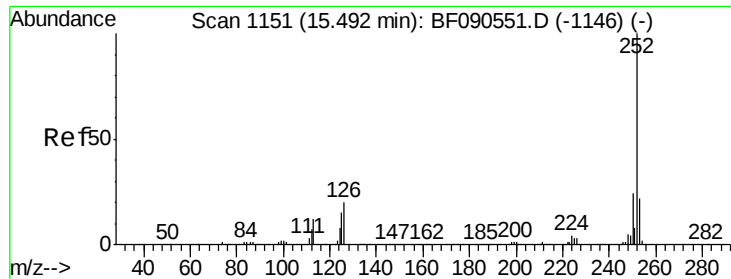
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#88
Benzo(k)fluoranthene
Concen: 44.33 ng m
RT: 15.16 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:252 Resp: 1154661
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.1 10.0 15.0





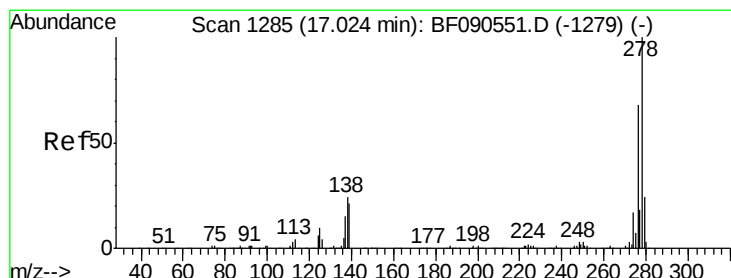
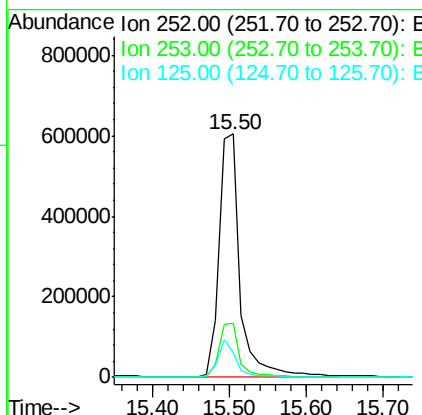
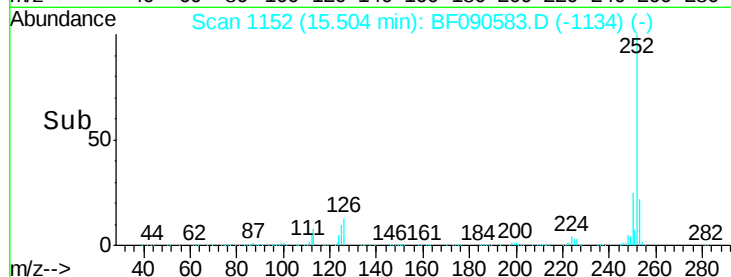
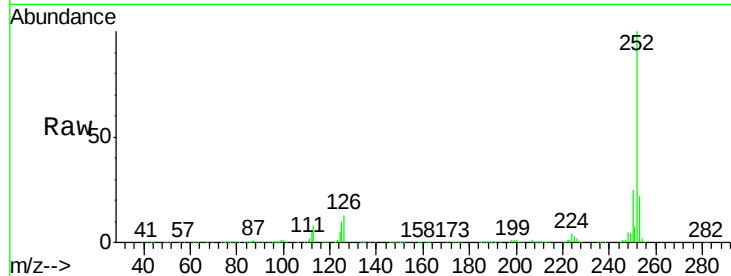
#89
Benzo(a)pyrene
Concen: 52.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.4	12.3	18.5#

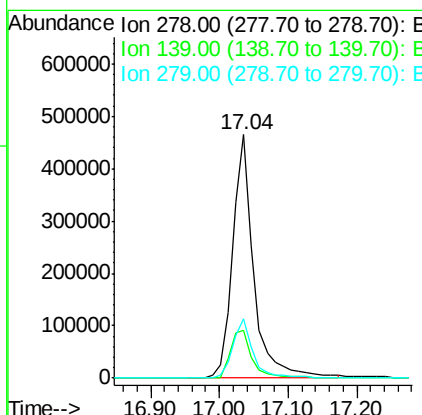
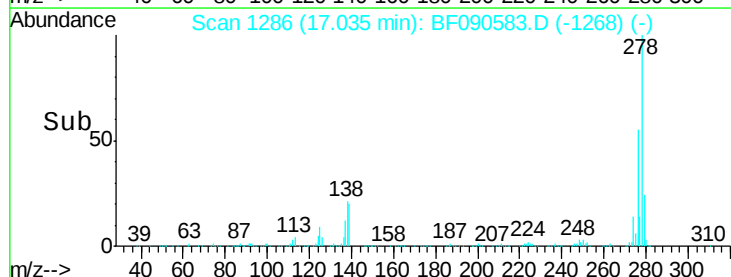
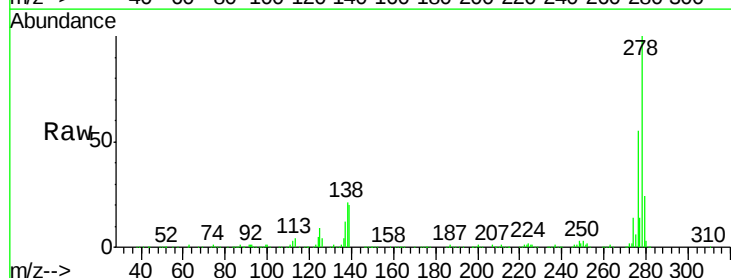
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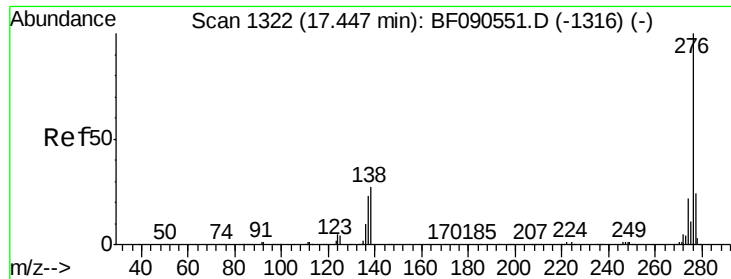
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#90
Dibenzo(a,h)anthracene
Concen: 59.26 ng
RT: 17.04 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.6	25.0
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 54.13 ng
 RT: 17.46 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tot Ion:	276	Resp:	872356
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	25.8	21.8	32.8

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