

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101316\
 Data File : BF090555.D
 Acq On : 13 Oct 2016 21:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Manual Integrations
 APPROVED

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 10/14/2016 6:38:38 PM

Quant Time: Oct 14 12:51:50 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	172885	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	763184	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	395964	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	676061	20.00	ng	0.00
75) Chrysene-d12	14.10	240	619488	20.00	ng	0.00
86) Perylene-d12	15.56	264	388580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	796569	84.47	ng	0.00
7) Phenol-d6	6.55	99	1219252	87.01	ng	0.00
23) Nitrobenzene-d5	7.49	82	1224609	89.14	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	309497	87.67	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1987006	82.68	ng	0.00
78) Terphenyl-d14	13.05	244	2121382	79.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	221526	41.22	ng	100
3) Pyridine	3.29	79	497124	41.27	ng	96
4) n-Nitrosodimethylamine	3.24	42	174513	41.60	ng	95
6) Aniline	6.59	93	702447	41.48	ng	100
8) 2-Chlorophenol	6.70	128	514261	42.05	ng	99
9) Benzaldehyde	6.47	77	391267	43.92	ng	98
10) Phenol	6.57	94	724092	45.18	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	577983	43.71	ng	99
12) 1,3-Dichlorobenzene	6.86	146	500341	41.03	ng	99
13) 1,4-Dichlorobenzene	6.94	146	540948	40.79	ng	100
14) 1,2-Dichlorobenzene	7.09	146	540322	43.58	ng	99
15) Benzyl Alcohol	7.07	79	408087	42.76	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	880999	47.34	ng	99
17) 2-Methylphenol	7.18	107	423806	44.47	ng	99
18) Hexachloroethane	7.43	117	226326	43.18	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	430259	44.78	ng	99
20) 3+4-Methylphenols	7.33	107	512168	44.33	ng	98
22) Acetophenone	7.33	105	751630	44.58	ng	97
24) Nitrobenzene	7.50	77	623621	44.23	ng	99
25) Isophorone	7.74	82	1065037	42.59	ng	100
26) 2-Nitrophenol	7.82	139	279888	43.76	ng	99
27) 2,4-Dimethylphenol	7.87	122	432218	40.72	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	660931	44.76	ng	100
29) 2,4-Dichlorophenol	8.07	162	381283	41.01	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	425568	39.08	ng	100
31) Naphthalene	8.23	128	1641826	42.23	ng	100
32) Benzoic acid	7.99	122	300216	46.05	ng	98
33) 4-Chloroaniline	8.28	127	635949	42.80	ng	98
34) Hexachlorobutadiene	8.35	225	248804	40.89	ng	99
35) Caprolactam	8.66	113	121754	46.92	ng	# 84
36) 4-Chloro-3-methylphenol	8.76	107	468147	43.64	ng	98
37) 2-Methylnaphthalene	8.92	142	971485	42.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	434338	41.37	ng	99
40) Hexachlorocyclopentadiene	9.08	237	214045	41.73	ng	99

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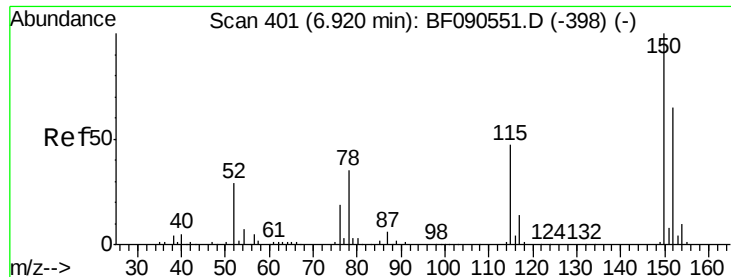
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	245801	41.51	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	300787	42.58	nq	99
45) 1,1'-Biphenyl	9.39	154	1336104	44.34	nq	99
46) 2-Chloronaphthalene	9.41	162	973834	43.35	nq	100
47) 2-Nitroaniline	9.51	65	377402	46.34	nq	98
48) Acenaphthylene	9.82	152	1446651	40.44	nq	100
49) Dimethylphthalate	9.69	163	1038707	40.43	nq	100
50) 2,6-Dinitrotoluene	9.75	165	237096	42.18	nq	98
51) Acenaphthene	10.01	154	990458	41.65	nq	99
52) 3-Nitroaniline	9.93	138	310399	44.00	nq	98
53) 2,4-Dinitrophenol	10.03	184	109705	39.07	nq	92
54) Dibenzofuran	10.18	168	1299423	41.54	nq	100
55) 4-Nitrophenol	10.09	139	185475	43.69	nq	97
56) 2,4-Dinitrotoluene	10.15	165	341463	44.72	nq	99
57) Fluorene	10.52	166	1096934	42.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	254135	43.19	nq	96
59) Diethylphthalate	10.38	149	1128189	43.30	nq	99
60) 4-Chlorophenyl-phenylether	10.51	204	527510	43.37	nq	98
61) 4-Nitroaniline	10.54	138	318391	45.01	nq	99
62) Azobenzene	10.67	77	1430915	47.48	nq	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	163147	39.87	nq	98
65) n-Nitrosodiphenylamine	10.63	169	892051	39.95	nq	100
66) 4-Bromophenyl-phenylether	11.00	248	296681	40.90	nq	# 93
67) Hexachlorobenzene	11.07	284	303211	38.50	nq	# 64
68) Atrazine	11.15	200	243703	39.46	nq	99
69) Pentachlorophenol	11.25	266	155887	39.93	nq	97
70) Phenanthrene	11.48	178	1559810	43.22	nq	99
71) Anthracene	11.53	178	1568223	40.38	nq	100
72) Carbazole	11.69	167	1471070	42.31	nq	99
73) Di-n-butylphthalate	12.02	149	1833478	45.01	nq	99
74) Fluoranthene	12.67	202	1578413	43.48	nq	99
76) Benzidine	12.80	184	656429	42.59	nq	97
77) Pyrene	12.90	202	1658047	40.41	nq	100
79) Butylbenzylphthalate	13.52	149	821318	45.18	nq	94
80) Benzo(a)anthracene	14.09	228	1509524	42.80	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	503351	41.78	nq	99
82) Chrysene	14.12	228	1305899	38.43	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1110018	45.26	nq	99
84) Di-n-octyl phthalate	14.69	149	1501778	45.67	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.01	276	856960	43.62	nq	98
87) Benzo(b)fluoranthene	15.14	252	1129659	44.43	nq	# 95
88) Benzo(k)fluoranthene	15.16	252	1013079m	37.03	nq	
89) Benzo(a)pyrene	15.49	252	961507	41.30	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	754674	42.51	nq	97
91) Benzo(g,h,i)perylene	17.45	276	688151	40.65	nq	97

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



#1

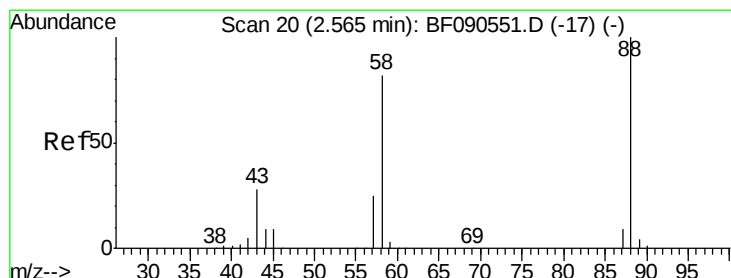
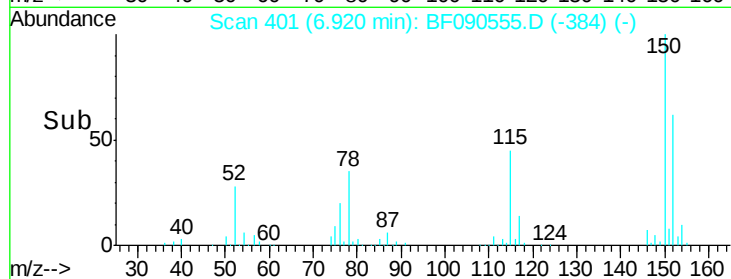
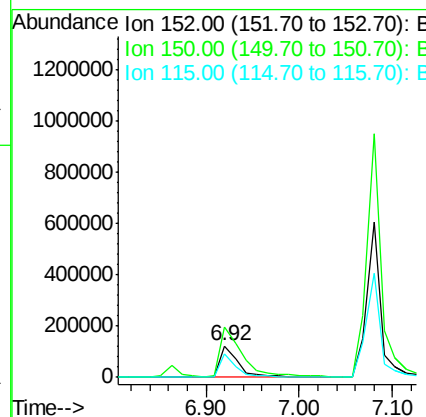
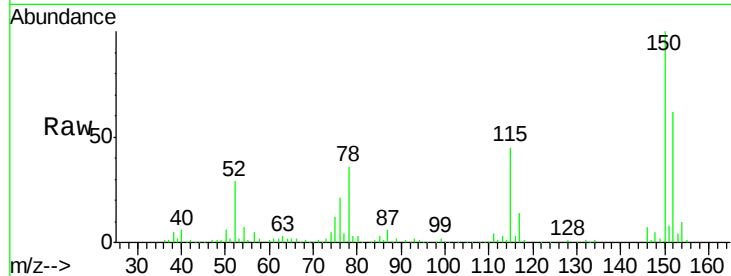
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.2	190.8
115	72.3	58.6	88.0

Manual Integrations
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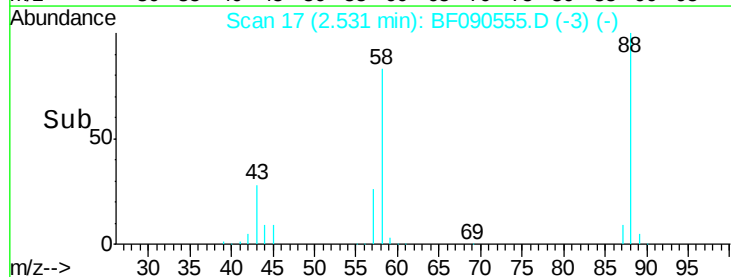
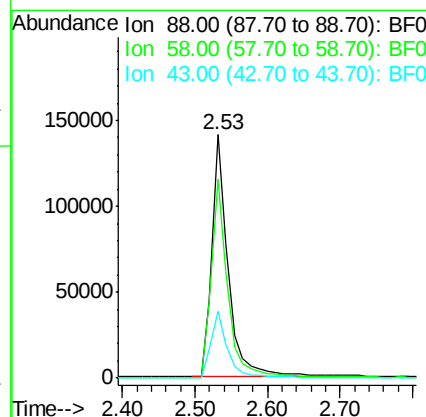
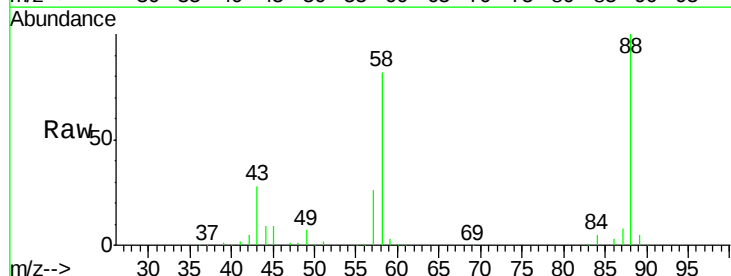
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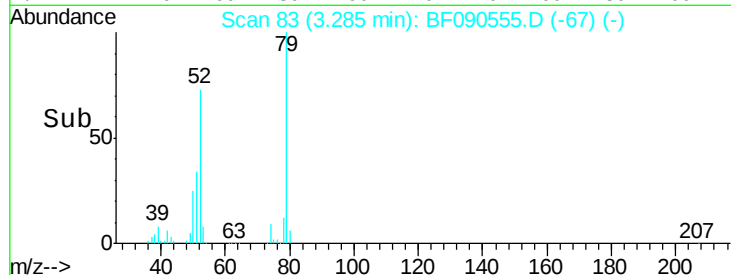
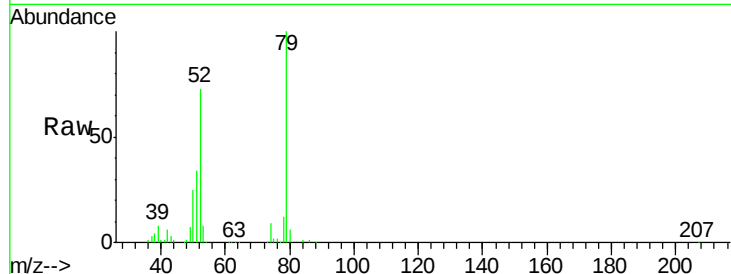
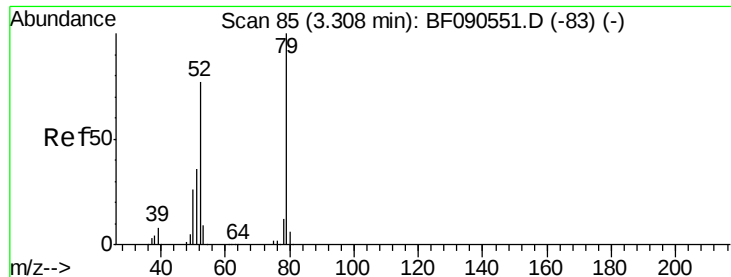


#2

1,4-Dioxane
Concen: 41.22 ng
RT: 2.53 min Scan# 17
Delta R.T. -0.03 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	67.2	100.8
43	29.5	24.1	36.1





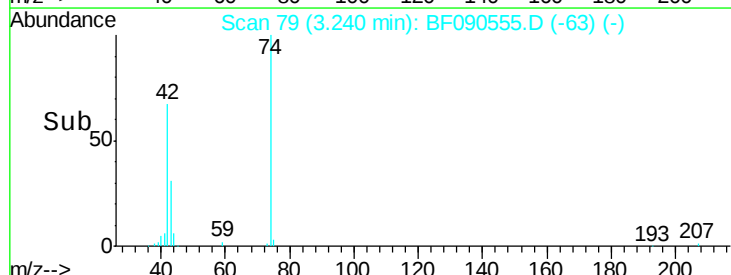
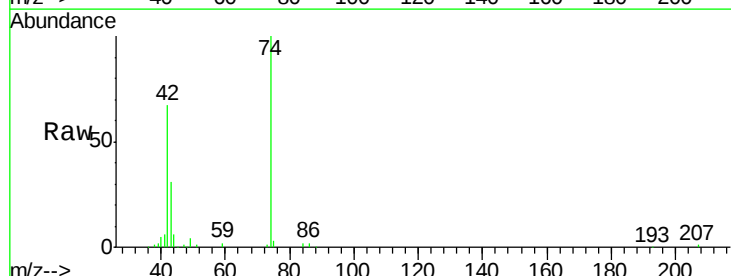
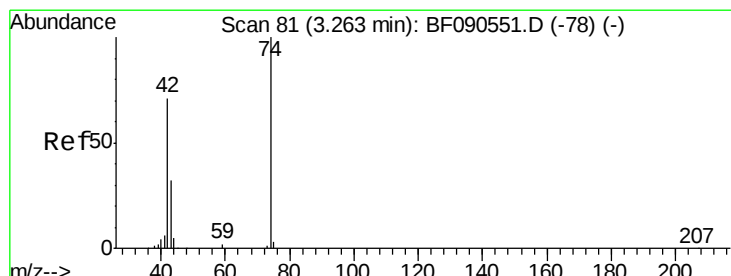
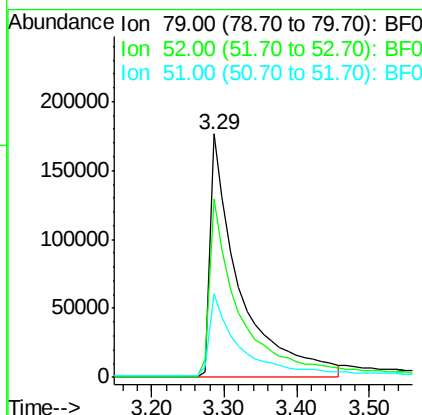
#3
 Pvridine
 Concen: 41.27 ng
 RT: 3.29 min Scan# 83
 Delta R.T. -0.02 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tot Ion:	79	Resp:	497124
Ion Ratio	Lower	Upper	
79	100		
52	73.1	61.8	92.8
51	34.5	29.2	43.8

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

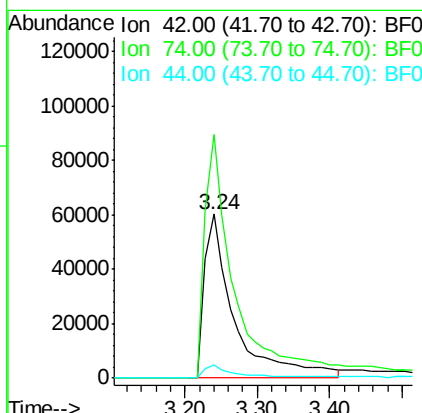
Manual Integrations
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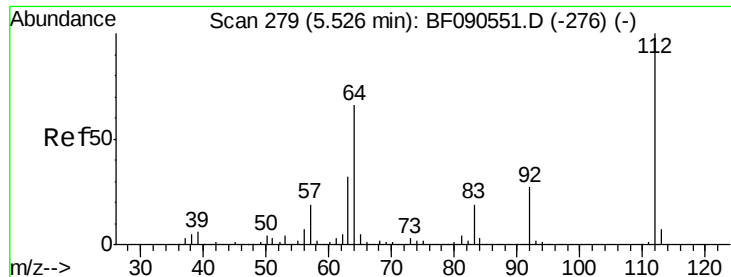
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#4
 n-Nitrosodimethylamine
 Concen: 41.60 ng
 RT: 3.24 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:	42	Resp:	174513
Ion Ratio	Lower	Upper	
42	100		
74	148.4	113.3	169.9
44	8.2	6.0	9.0





#5

2-Fluorophenol

Concen: 84.47 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

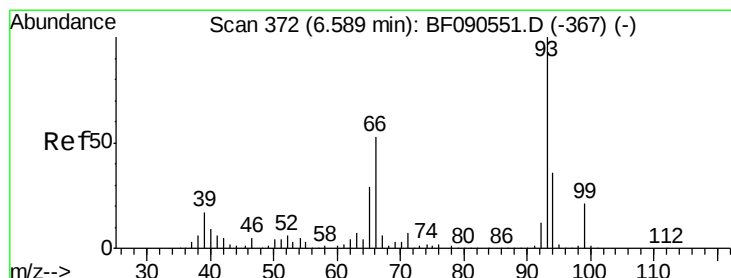
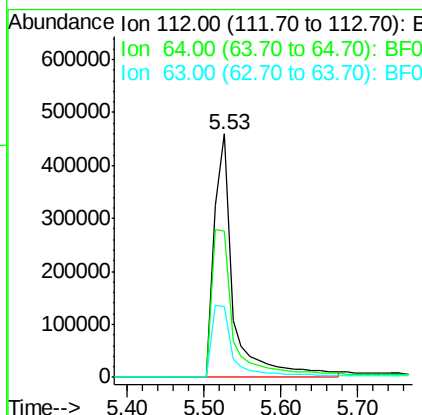
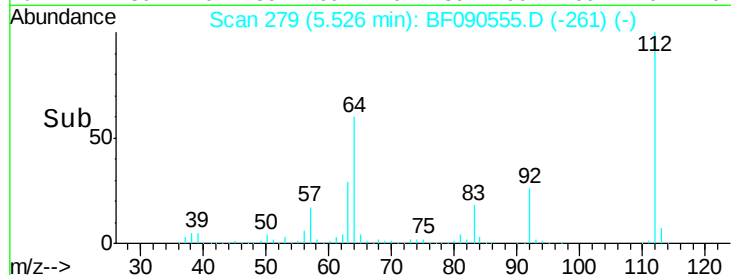
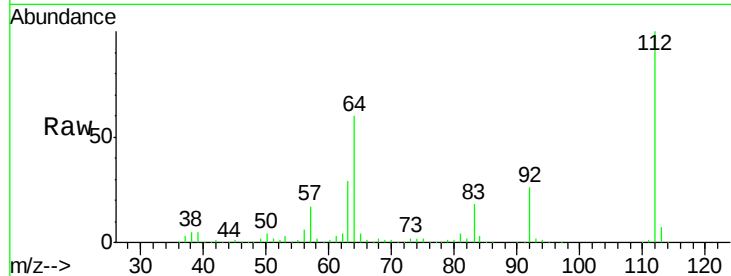
ClientSampleId :

ICVBF101316

Tot Ion:	112	Resp:	796569
Ion Ratio	Lower	Upper	
112	100		
64	59.9	52.6	78.8
63	28.8	26.0	39.0

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#6

Aniline

Concen: 41.48 ng

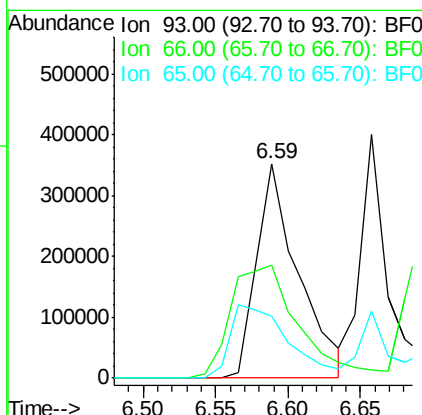
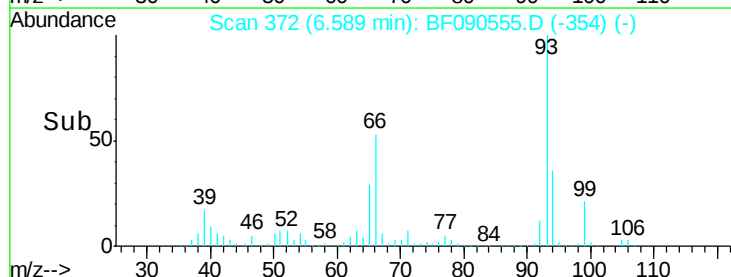
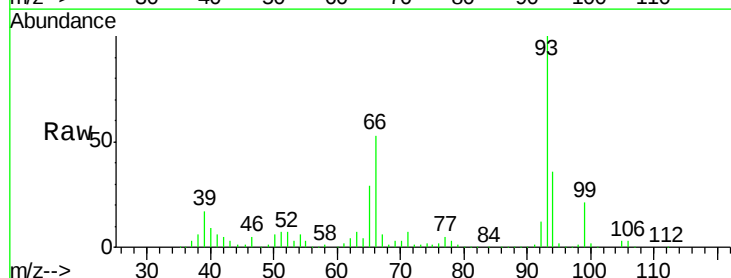
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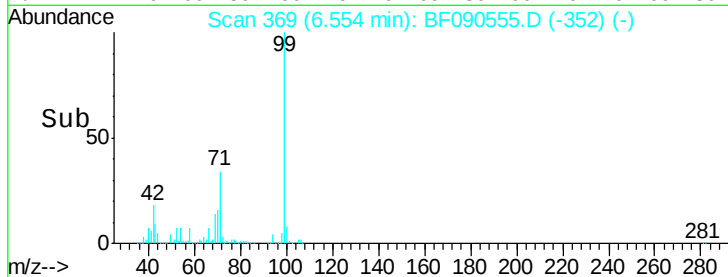
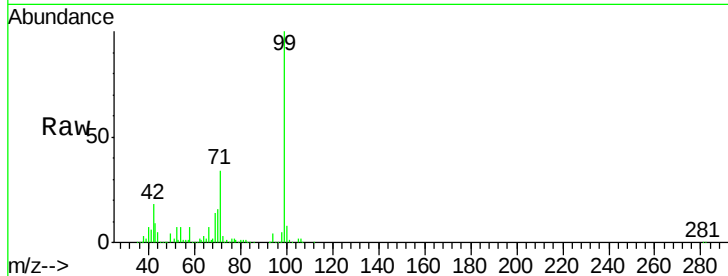
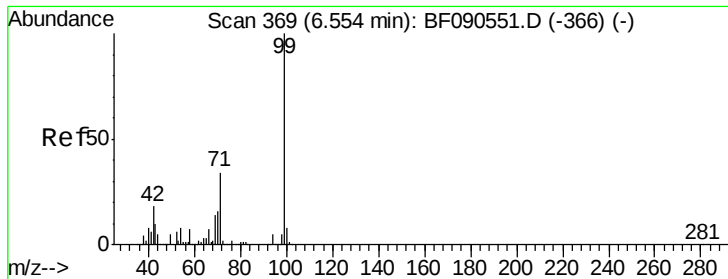
Delta R.T. 0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion:	93	Resp:	702447
Ion Ratio	Lower	Upper	
93	100		
66	52.5	42.2	63.2
65	28.8	22.9	34.3





#7

Phenol-d6

Concen: 87.01 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tot Ion: 99 Resp: 1219252

Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 34.3 27.6 41.4

Instrument :

BNA_F

ClientSampleId :

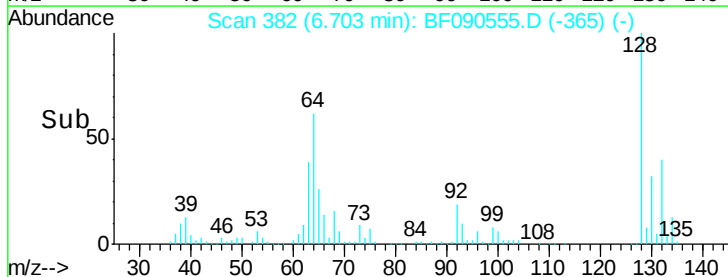
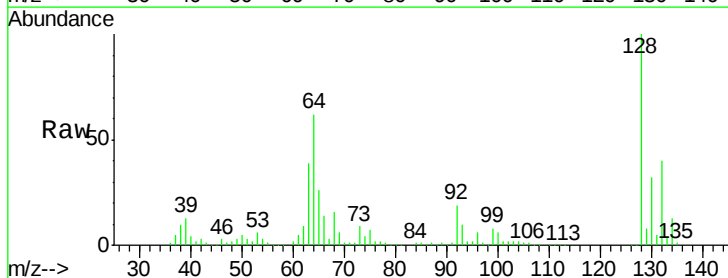
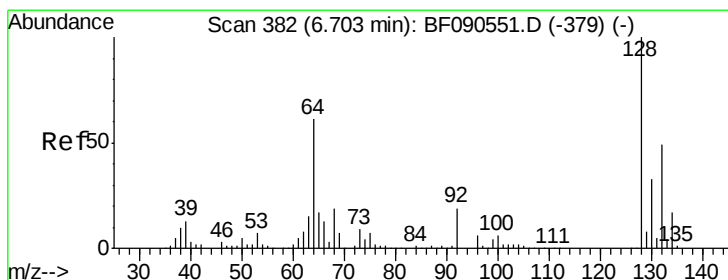
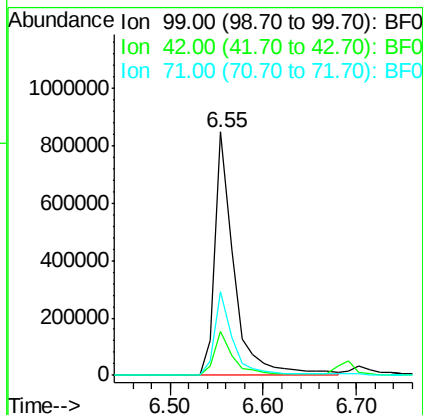
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#8

2-Chlorophenol

Concen: 42.05 ng

RT: 6.70 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

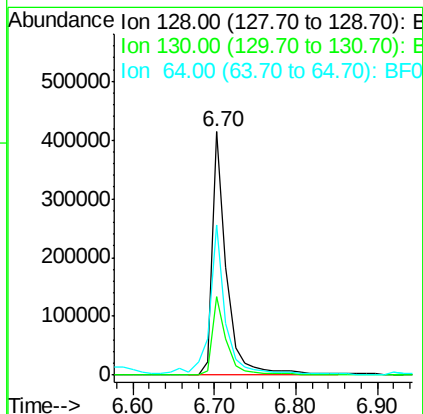
Tgt Ion: 128 Resp: 514261

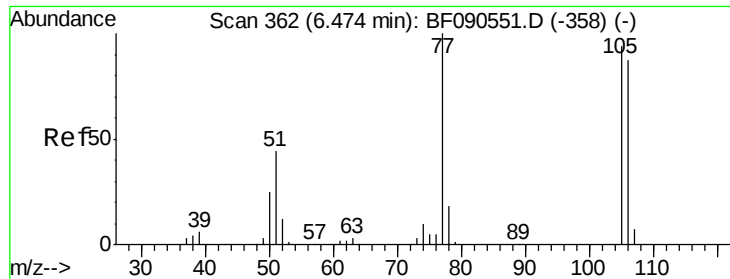
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 61.8 42.6 82.6





#9

Benzaldehyde

Concen: 43.92 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

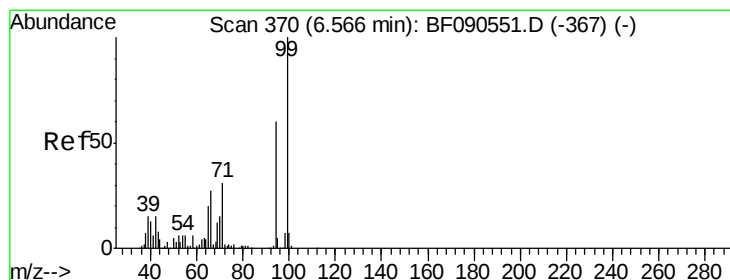
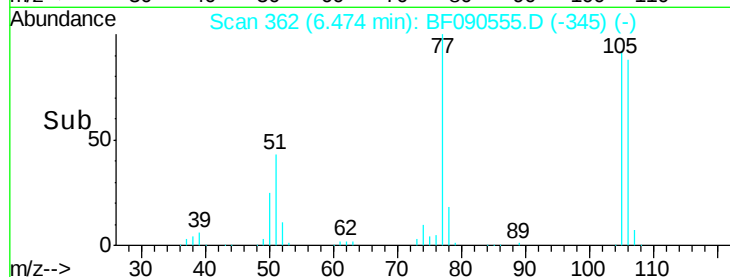
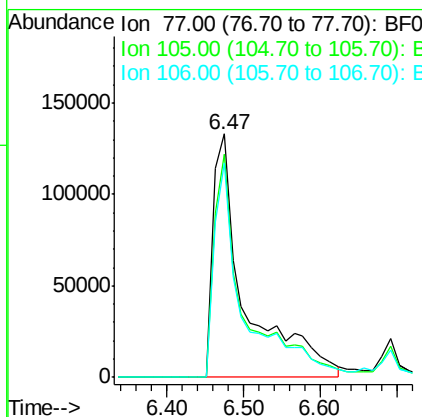
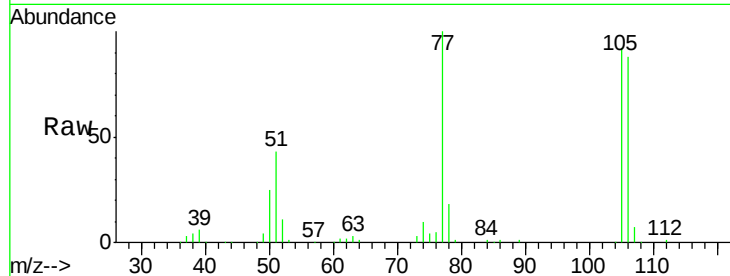
ClientSampleId :

ICVBF101316

Tot Ion:	77	Resp:	391267
Ion	Ratio	Lower	Upper
77	100		
105	91.7	74.3	114.3
106	87.8	67.2	107.2

Manual Integrations
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#10

Phenol

Concen: 45.18 ng

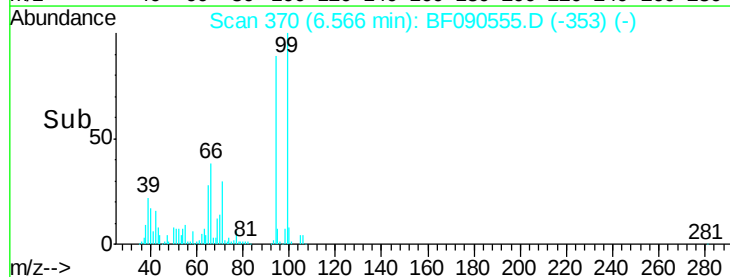
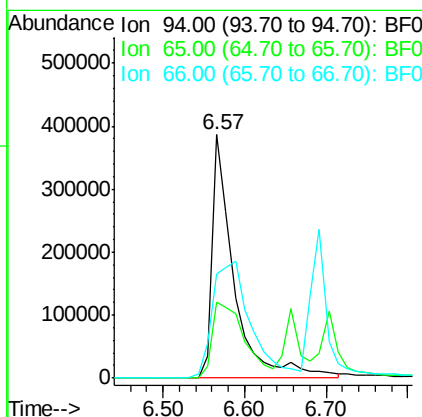
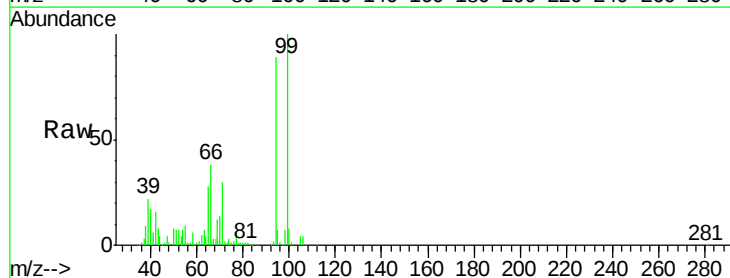
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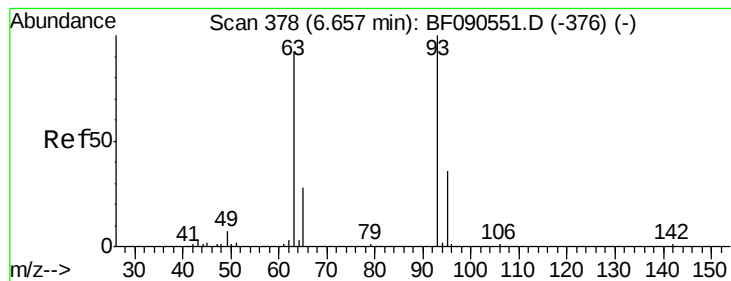
Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion:	94	Resp:	724092
Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.5	52.5
66	43.0	25.5	65.5





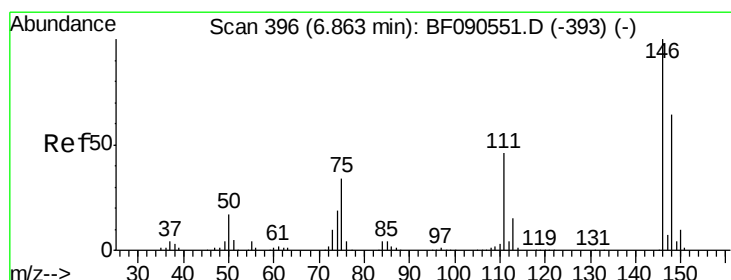
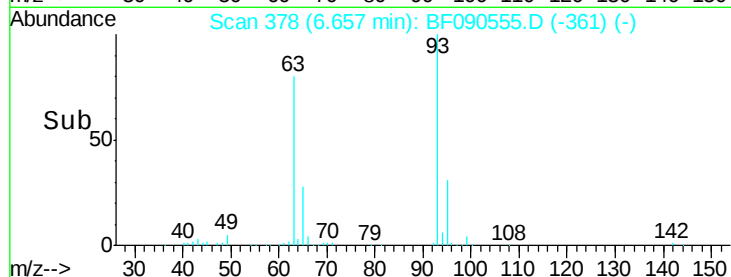
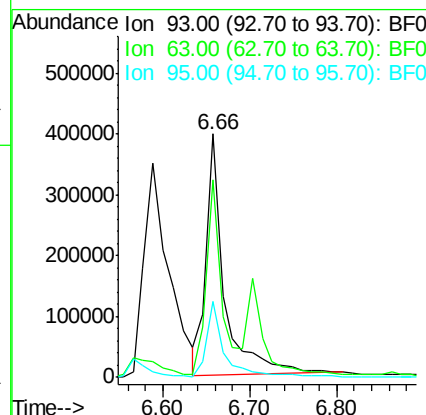
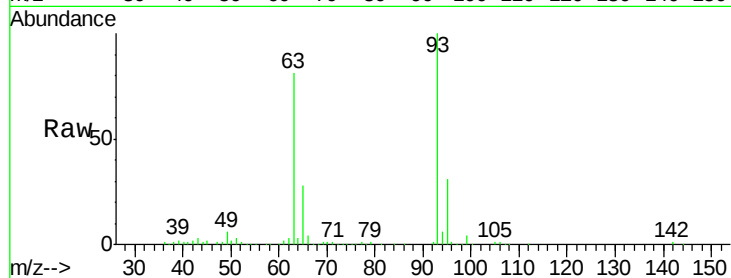
#11
bis(2-Chloroethyl)ether
Concen: 43.71 ng
RT: 6.66 min Scan# 378
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	61.6	101.6
95	31.4	11.8	51.8

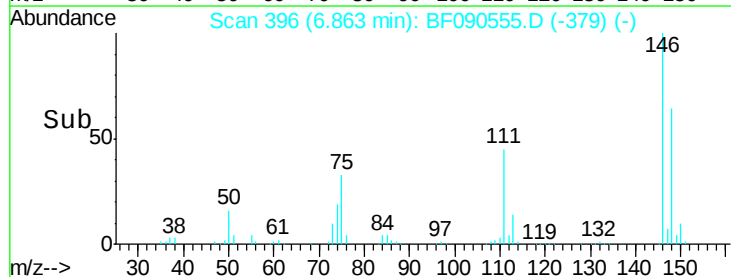
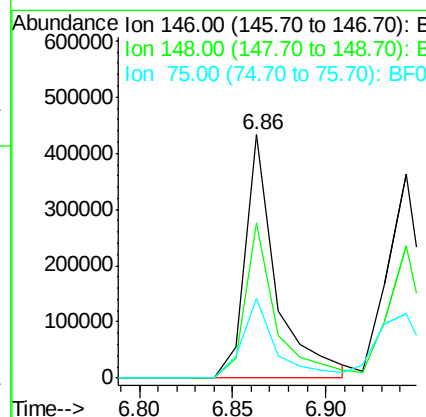
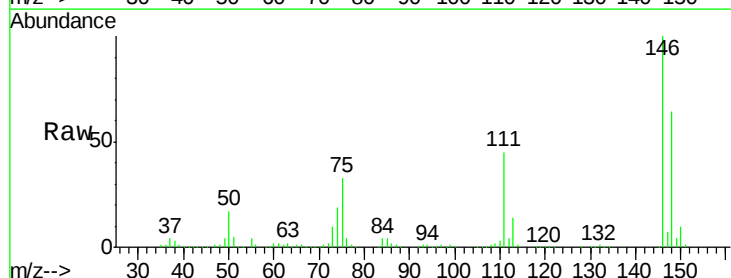
Manual Integrations
APPROVED

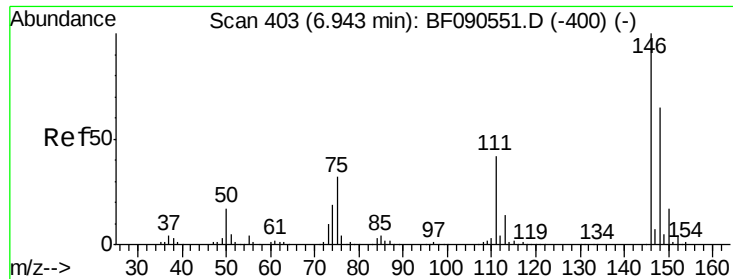
sohil
10/14/2016 6:38:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.03 ng
RT: 6.86 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	32.8	27.0	40.6





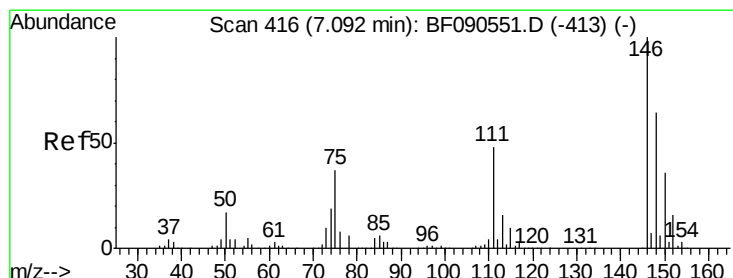
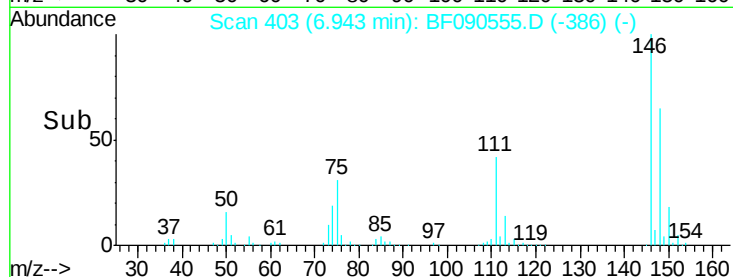
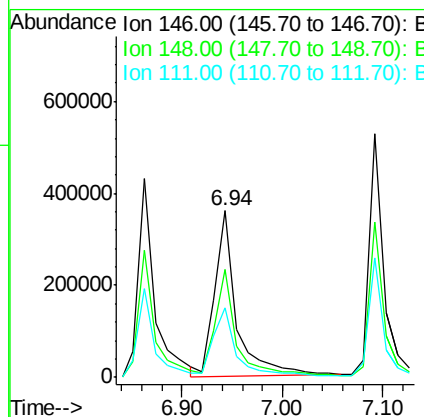
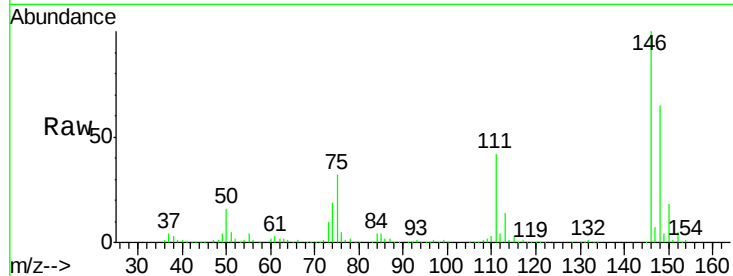
#13
1,4-Dichlorobenzene
Concen: 40.79 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	42.1	33.7	50.5

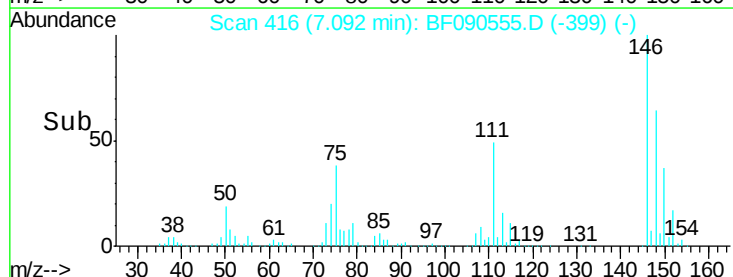
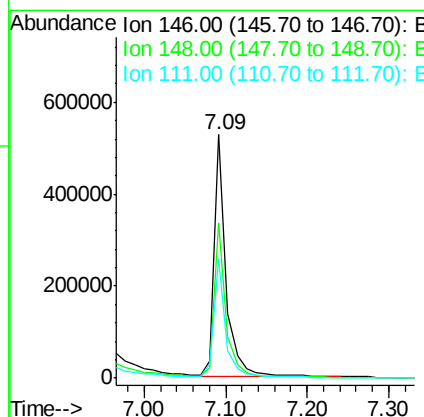
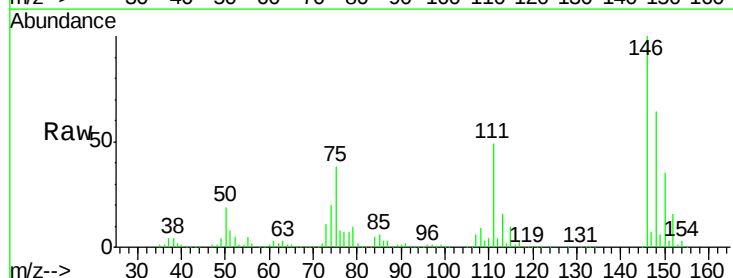
Manual Integrations
APPROVED

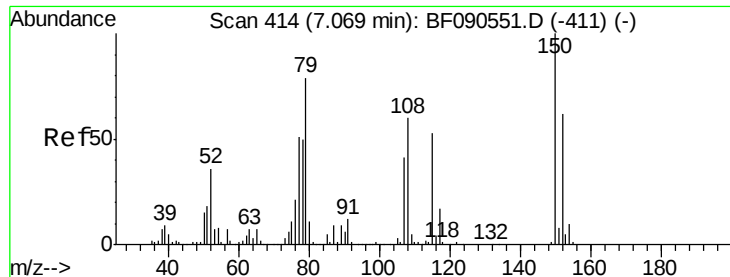
sohil
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#14
1,2-Dichlorobenzene
Concen: 43.58 ng
RT: 7.09 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	48.8	38.2	57.2





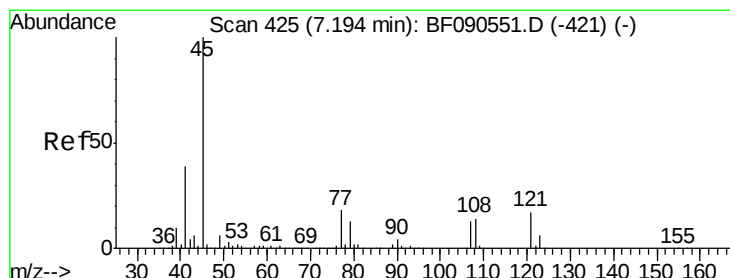
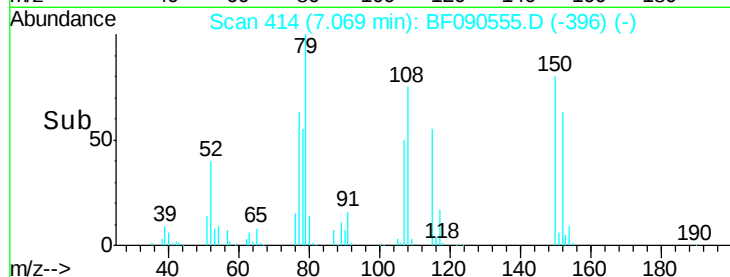
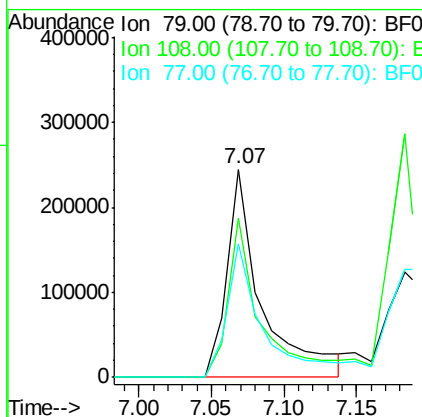
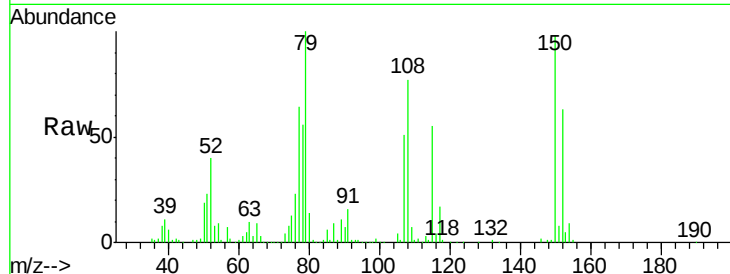
#15
Benzyl Alcohol
Concen: 42.76 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	60.2	90.4
77	64.0	52.0	78.0

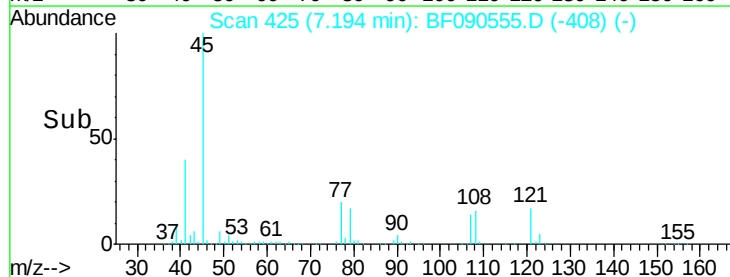
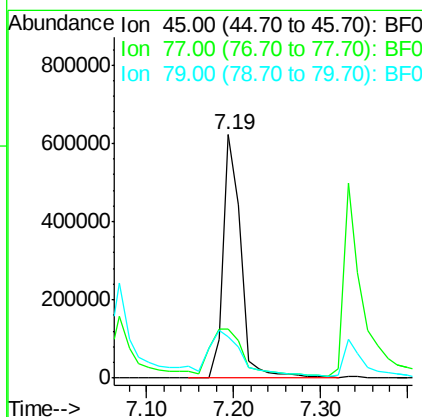
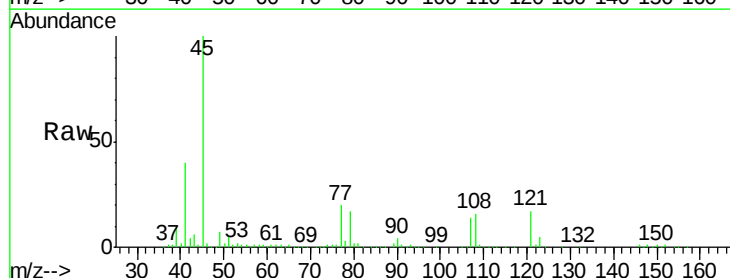
Manual Integrations
APPROVED

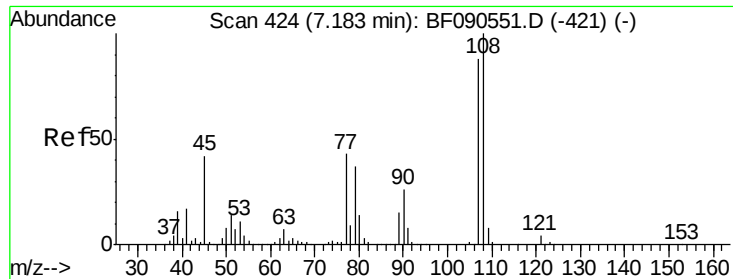
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.34 ng
RT: 7.19 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.9	40.9
79	16.9	0.0	37.3





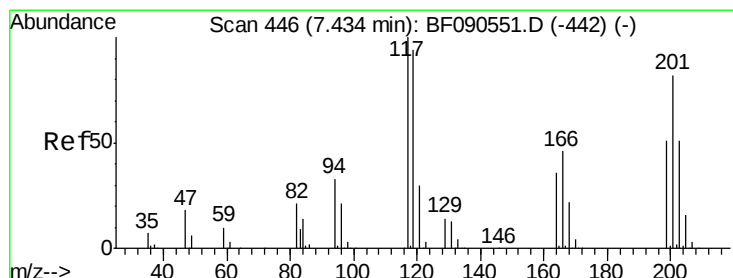
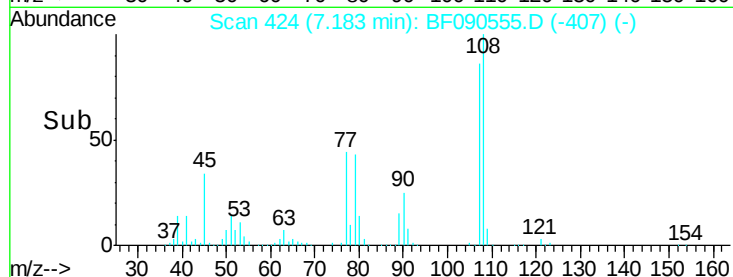
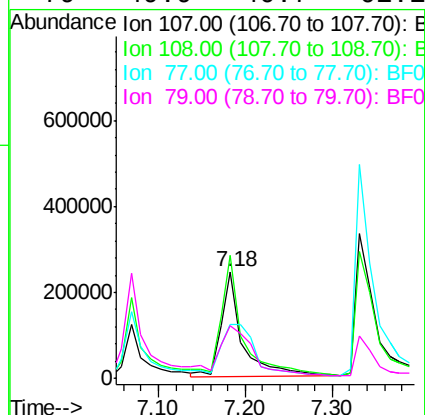
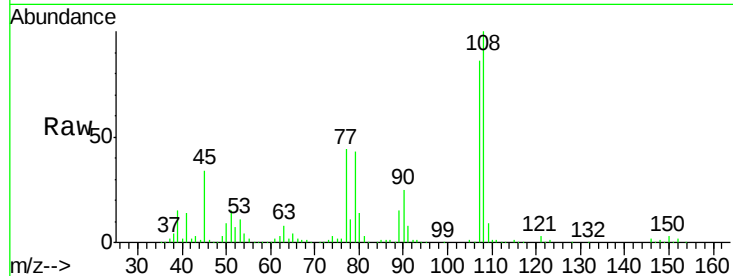
#17
2-Methylphenol
Concen: 44.47 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	107	Resp	423806
Ion Ratio	Lower	Upper	
107	100		
108	115.7	92.6	138.8
77	51.1	42.2	63.2
79	49.9	40.7	61.1

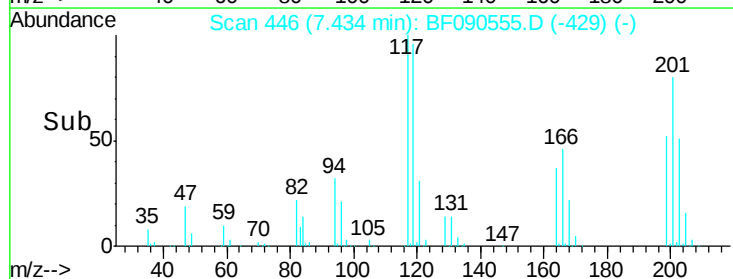
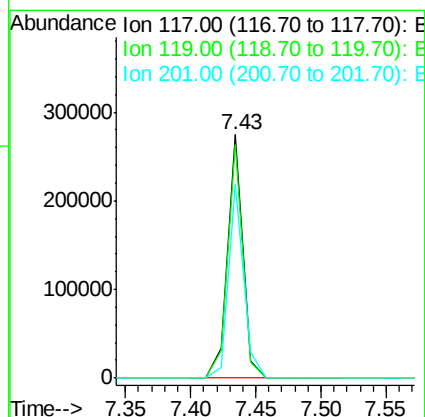
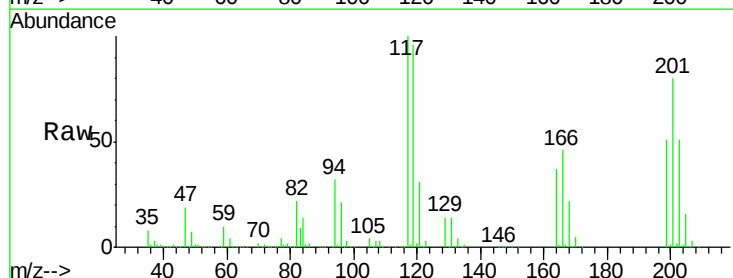
Manual Integrations
APPROVED

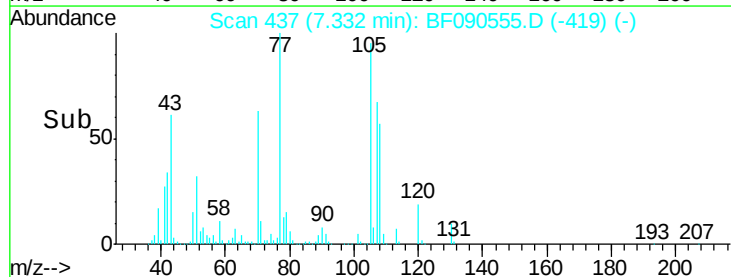
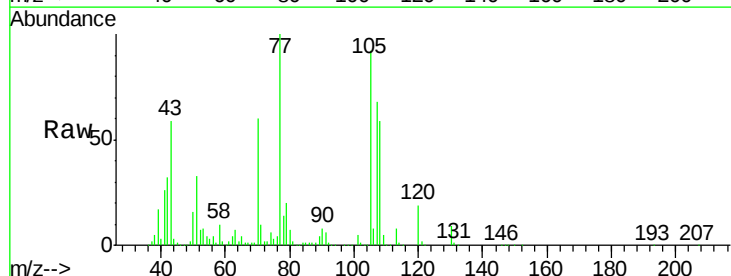
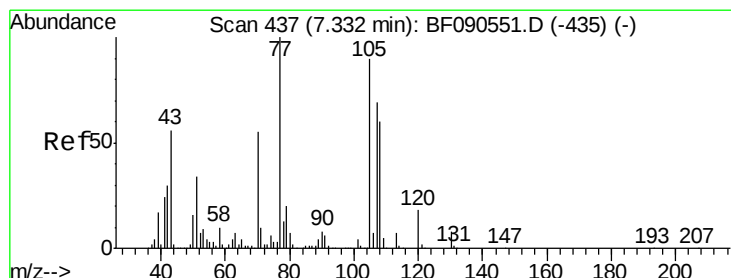
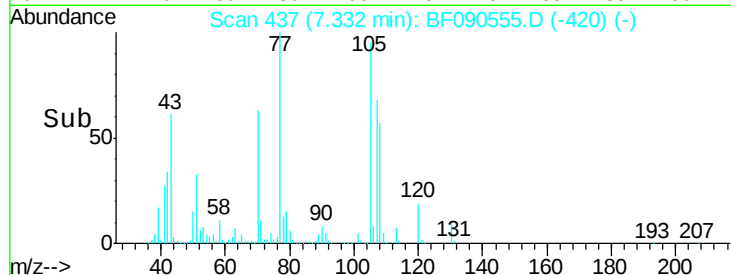
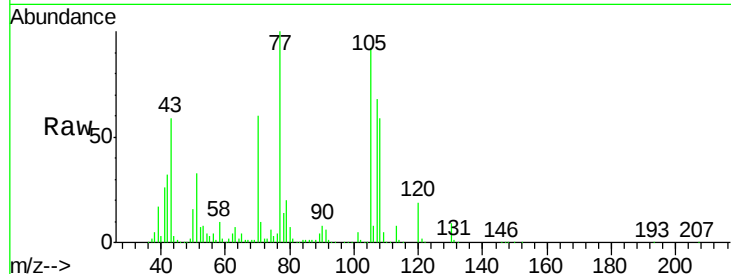
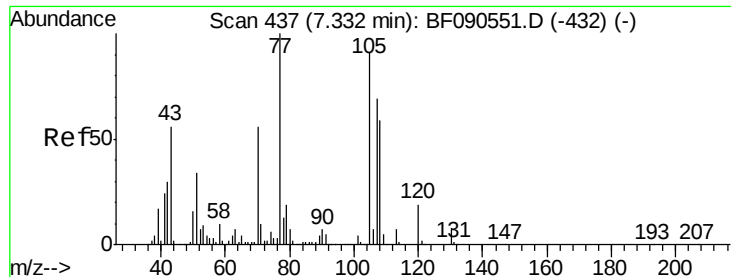
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#18
Hexachloroethane
Concen: 43.18 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	117	Resp	226326
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.6	113.4
201	79.7	65.4	98.0





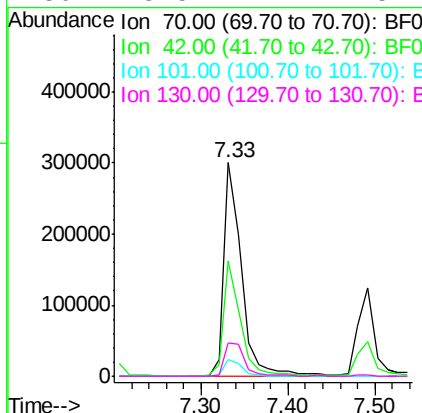
#19
n-Nitroso-di-n-propylamine
Concen: 44.78 ng
RT: 7.33 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.4	65.0
101	7.8	6.4	9.6
130	15.5	12.1	18.1

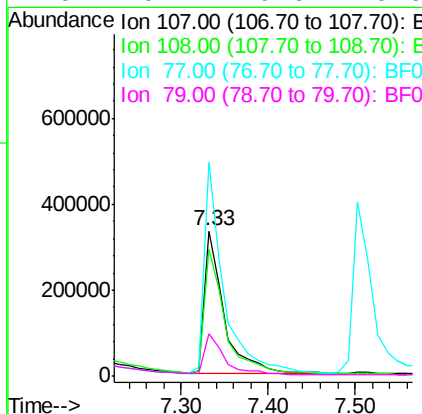
Manual Integrations
APPROVED

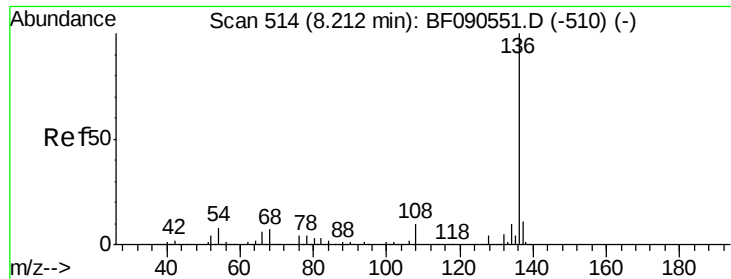
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#20
3+4-Methylphenols
Concen: 44.33 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.7	107.7
77	147.5	123.1	163.1
79	29.1	9.6	49.6





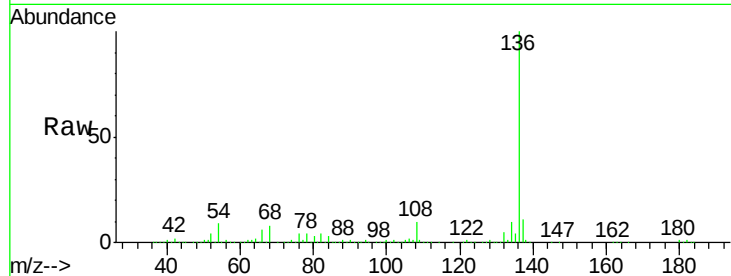
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		763184		
137	11.0		8.8	13.2	
54	8.7		6.8	10.2	
68	7.6		6.0	9.0	

Manual Integrations
APPROVED

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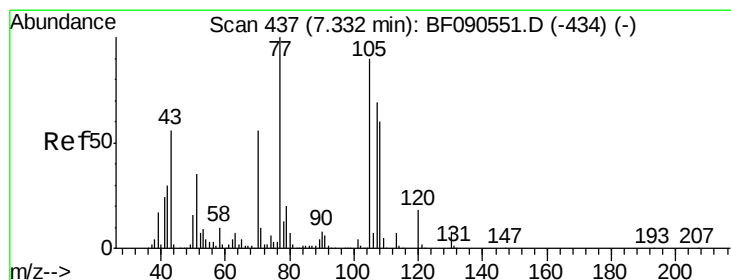
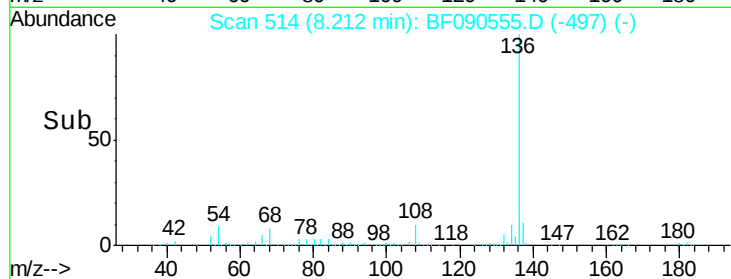
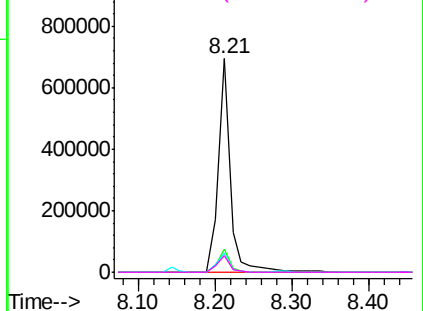
Abundance

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: 44.58 ng
RT: 7.33 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		751630		
71	11.1		8.5	12.7	
51	36.0		31.0	46.4	
120	20.3		16.2	24.4	

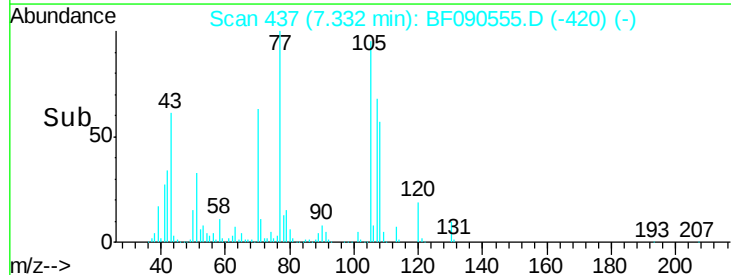
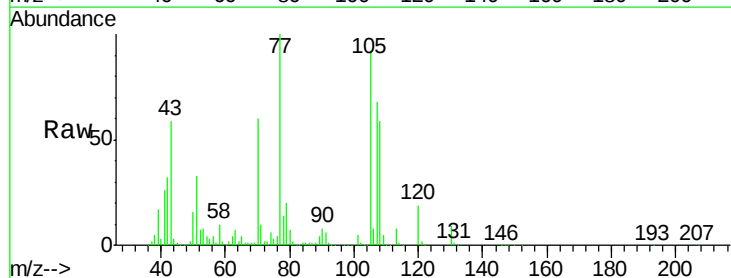
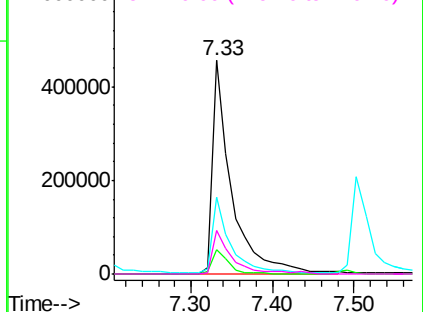
Abundance

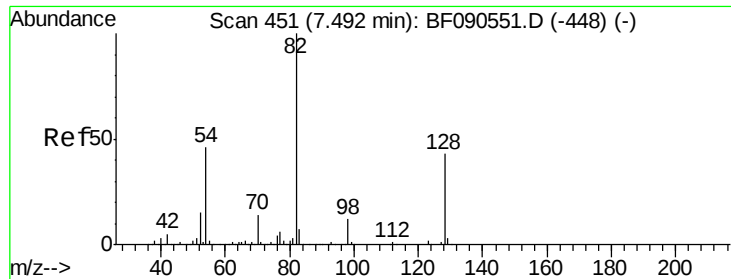
Ion 105.00 (104.70 to 105.70): E

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





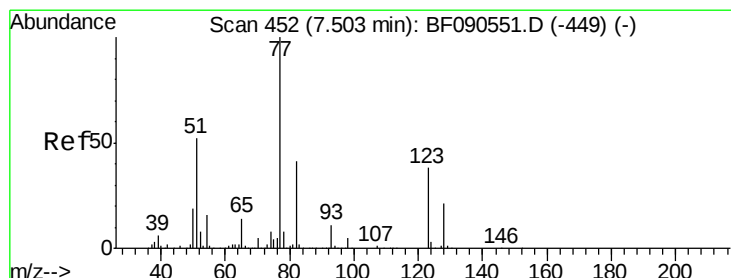
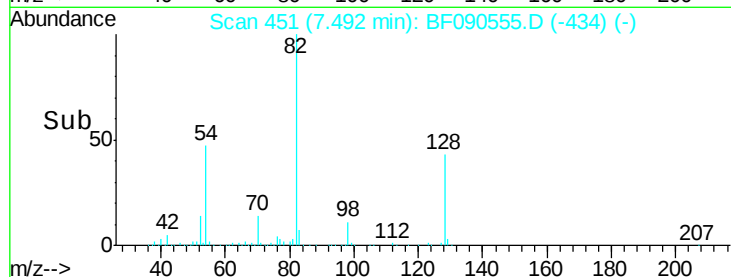
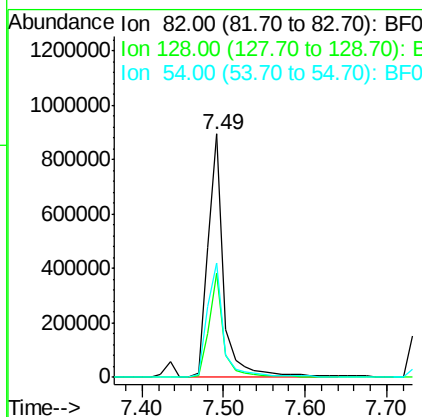
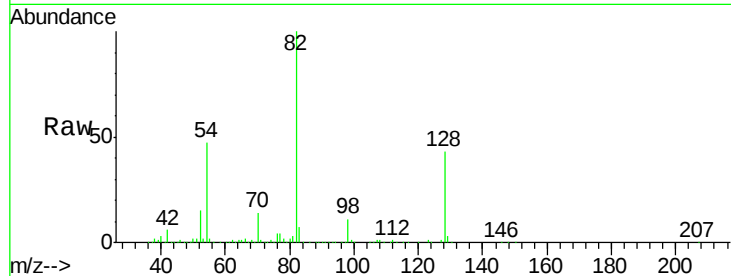
#23
Nitrobenzene-d5
Concen: 89.14 ng
RT: 7.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.3	51.5
54	47.2	37.0	55.6

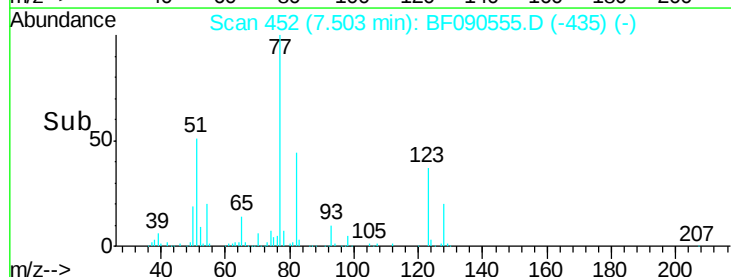
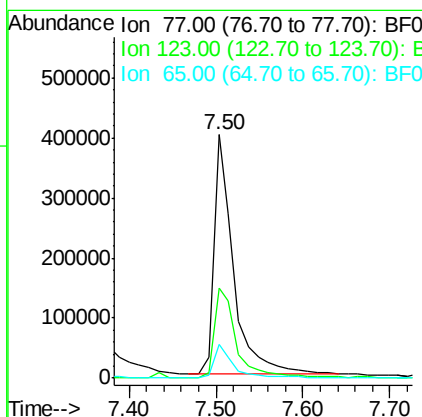
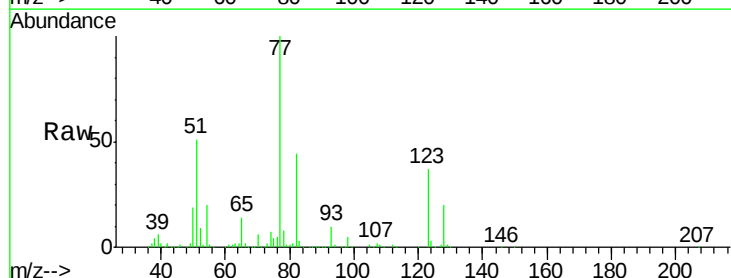
Manual Integrations
APPROVED

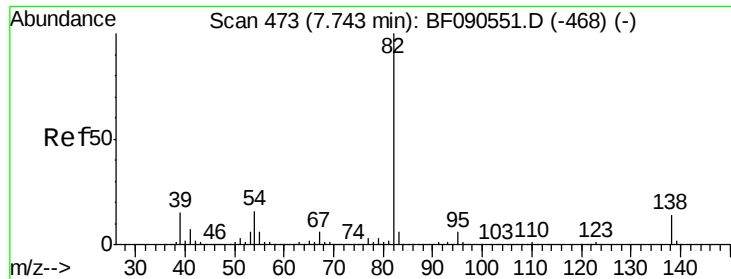
sohil
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#24
Nitrobenzene
Concen: 44.23 ng
RT: 7.50 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	29.8	44.6
65	13.6	10.9	16.3





#25

Isophorone

Concen: 42.59 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tot Ion: 82 Resp: 1065037

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

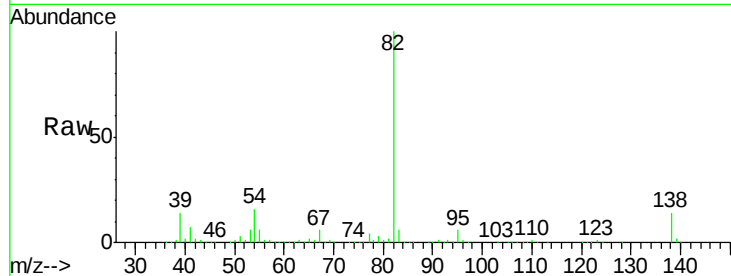
138 14.3 11.5 17.3

Manual Integrations

APPROVED

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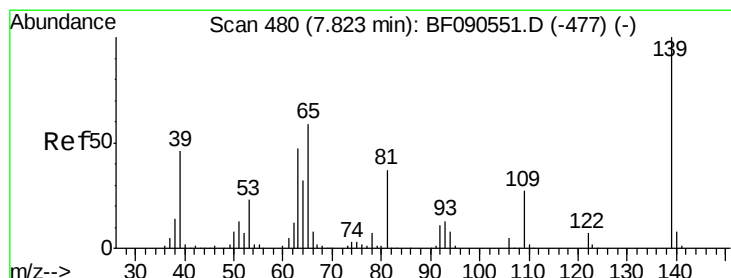
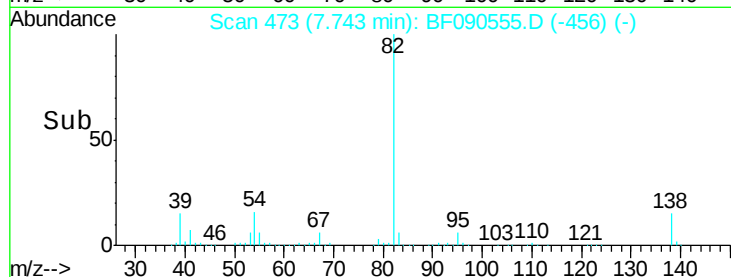
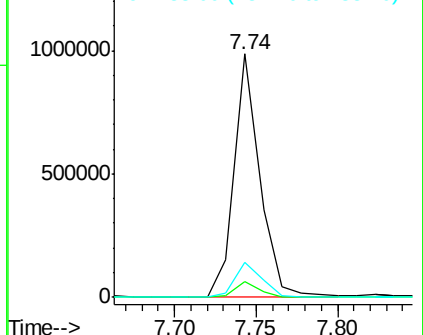
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.76 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

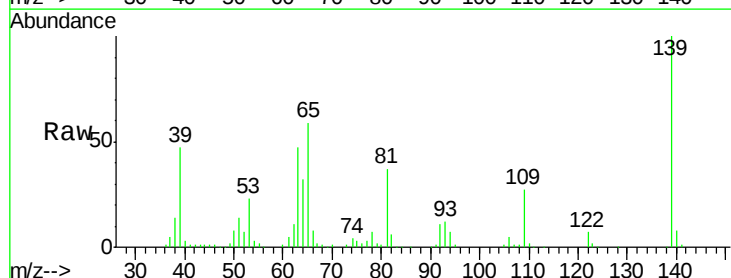
Tgt Ion: 139 Resp: 279888

Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.6

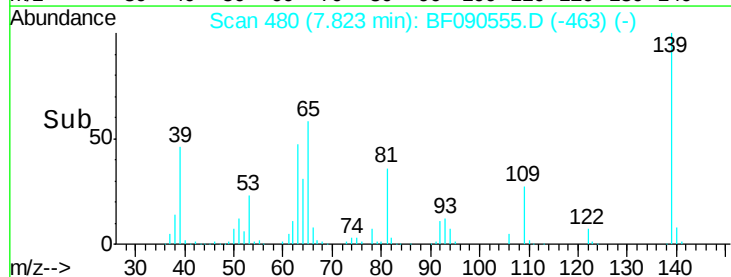
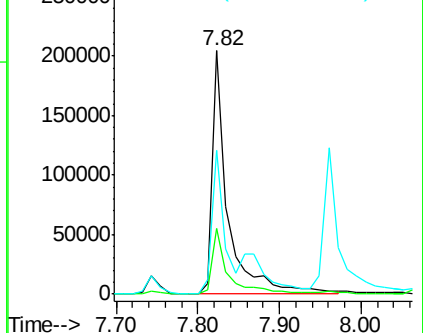
65 58.8 47.7 71.5

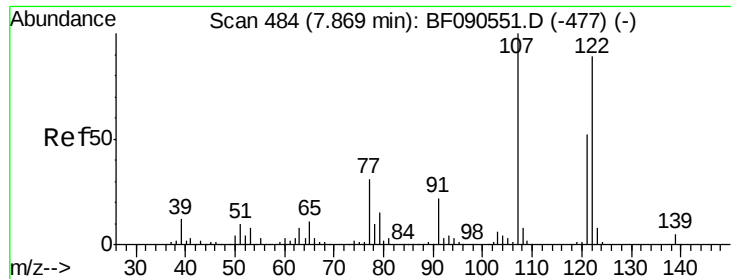


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.72 ng

RT: 7.87 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

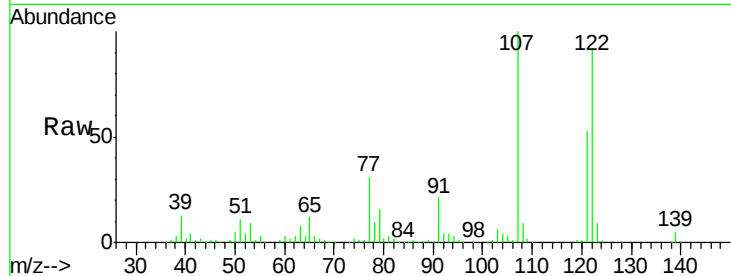
ClientSampleId :

ICVBF101316

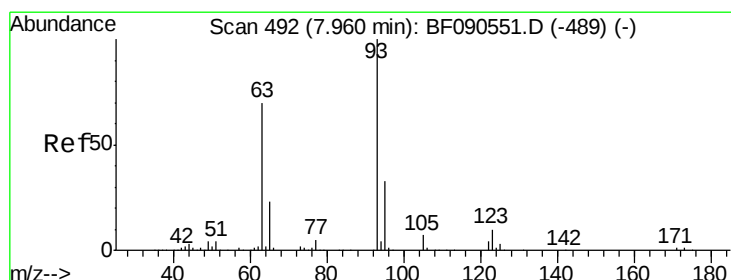
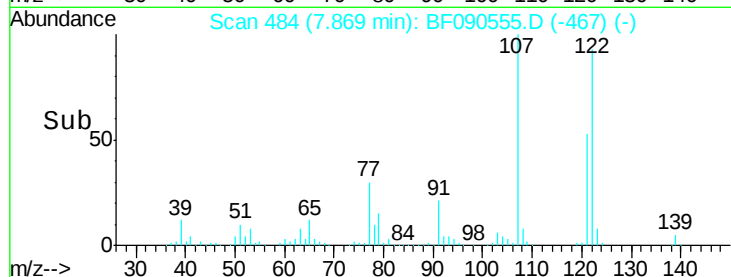
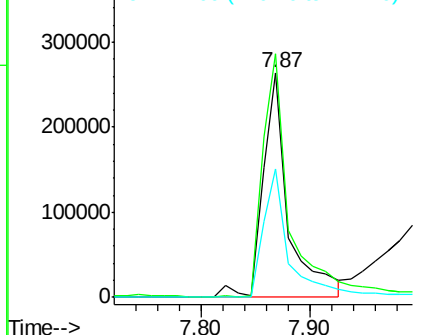
Tot Ion:	122	Resp:	432218
Ion Ratio	Lower	Upper	
122	100		
107	108.2	89.8	134.6
121	57.3	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.76 ng

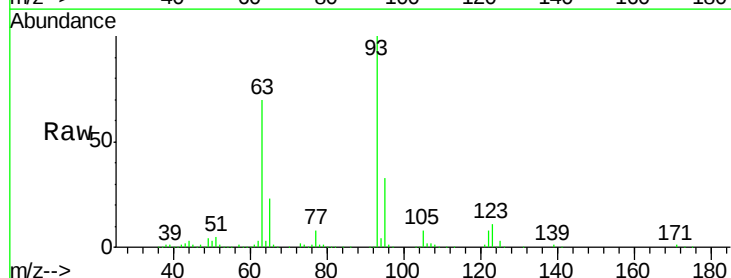
RT: 7.96 min Scan# 492

Delta R.T. -0.00 min

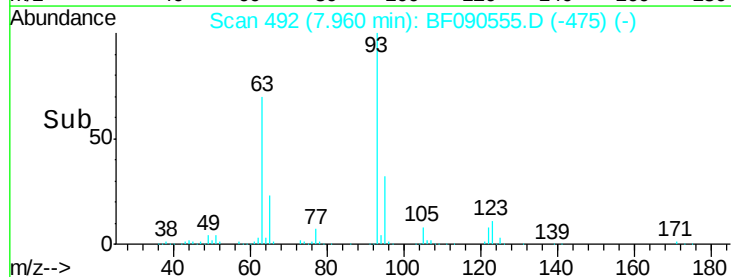
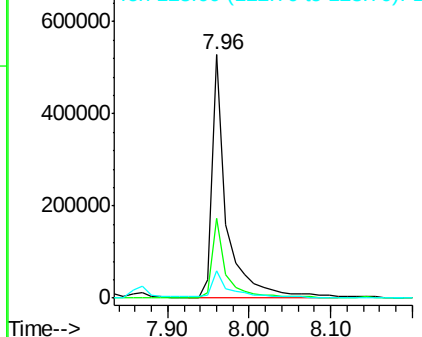
Lab File: BF090555.D

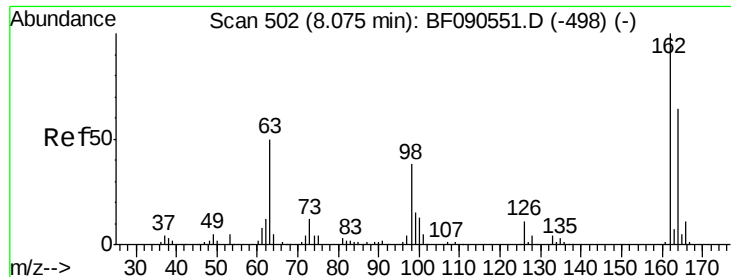
Acq: 13 Oct 2016 21:35

Tgt Ion:	93	Resp:	660931
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.2
123	11.0	8.6	13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





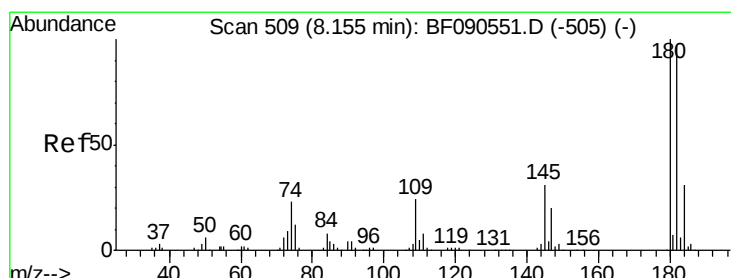
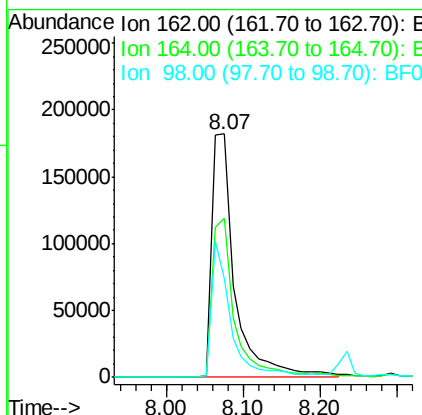
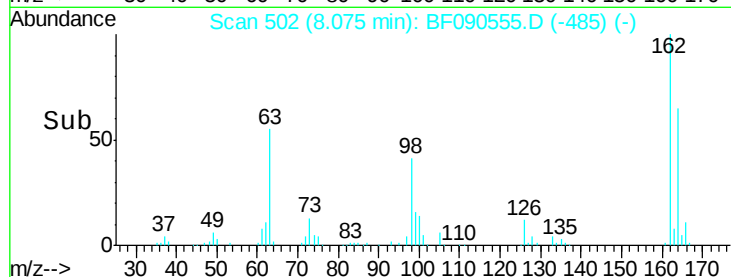
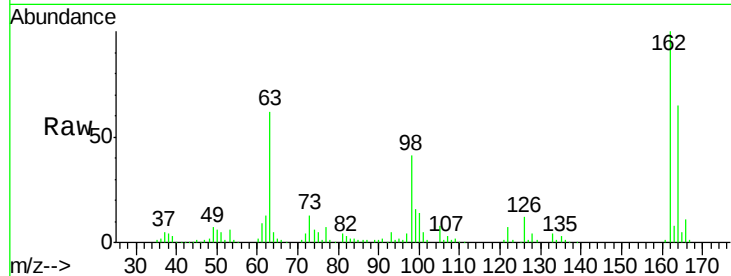
#29
2,4-Dichlorophenol
Concen: 41.01 ng
RT: 8.07 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
162	100	381283		
164	65.3	44.0	84.0	
98	40.6	18.0	58.0	

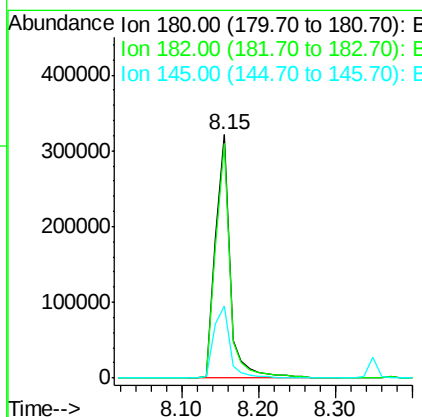
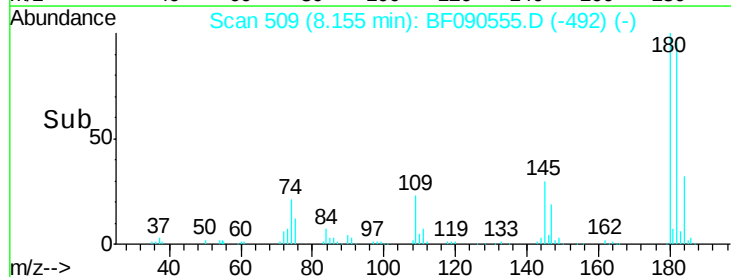
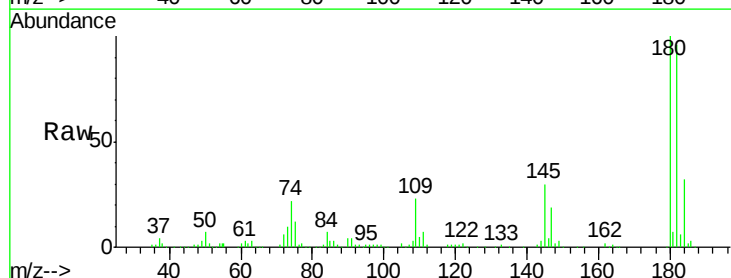
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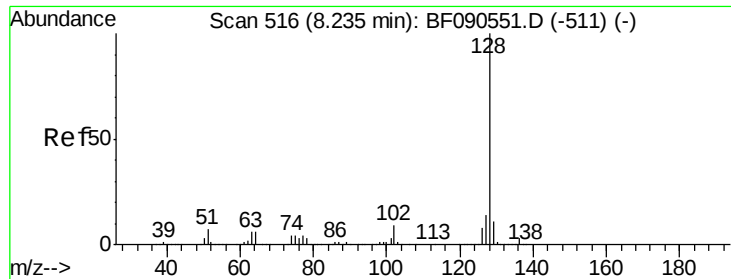
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#30
1,2,4-Trichlorobenzene
Concen: 39.08 ng
RT: 8.15 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	425568		
182	96.4	77.2	115.8	
145	29.8	24.4	36.6	





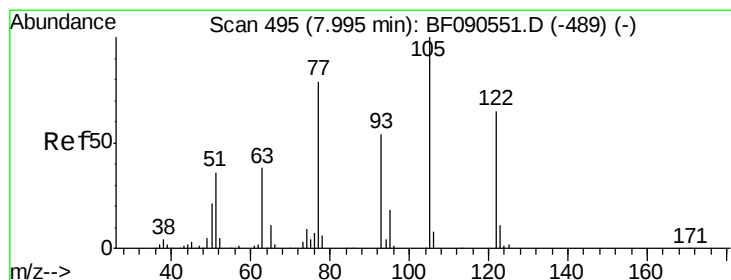
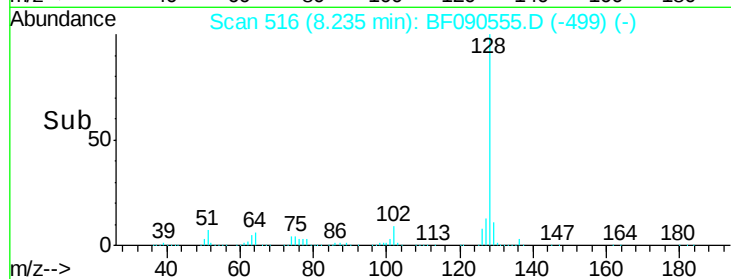
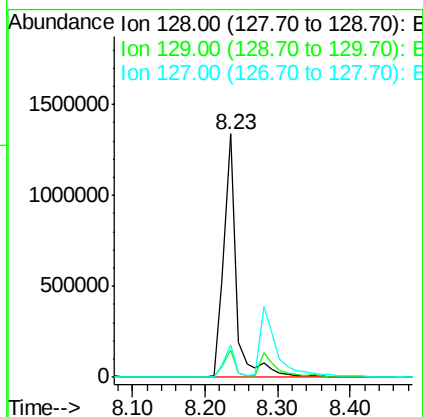
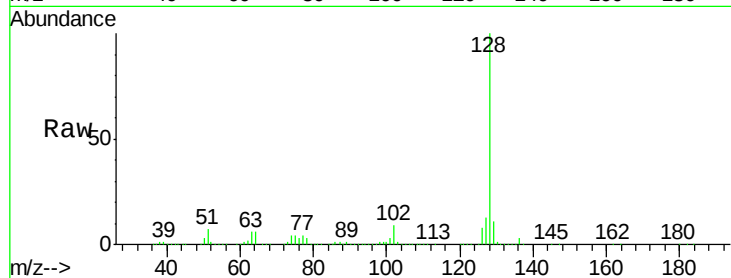
#31
Naphthalene
Concen: 42.23 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

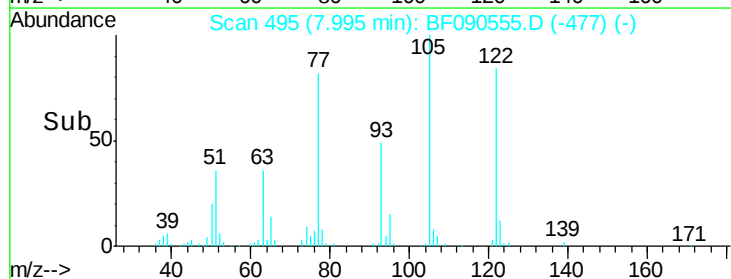
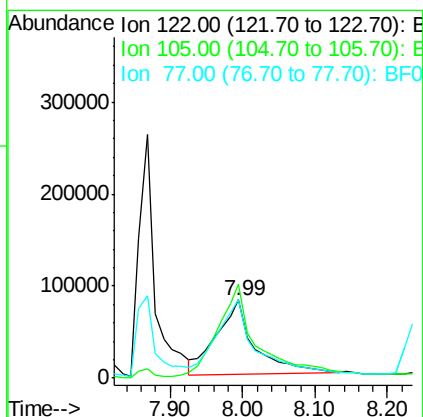
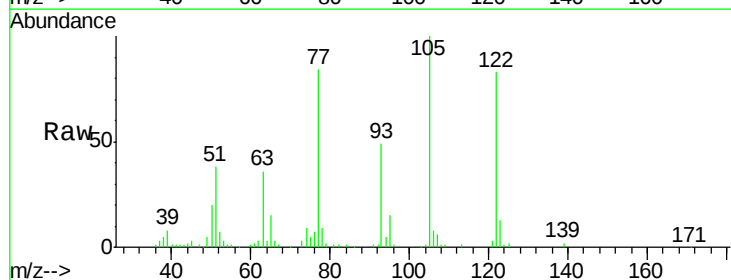
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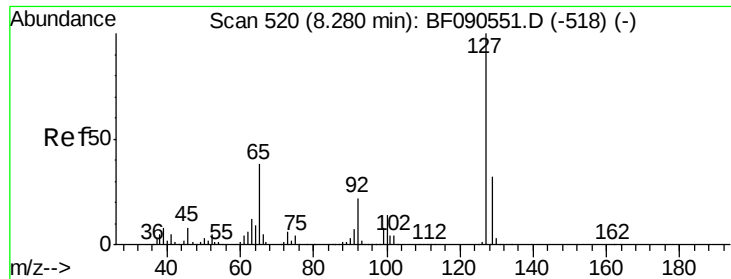
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#32
Benzoic acid
Concen: 46.05 ng
RT: 7.99 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	101.1	141.1
77	101.0	84.7	124.7





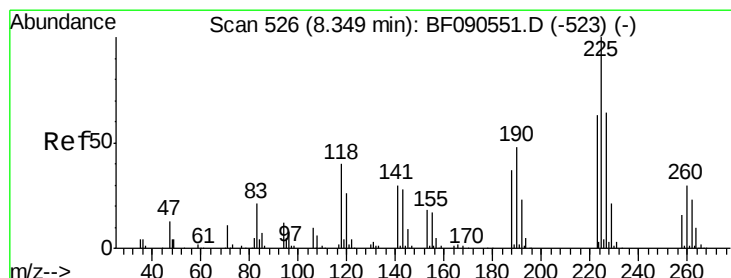
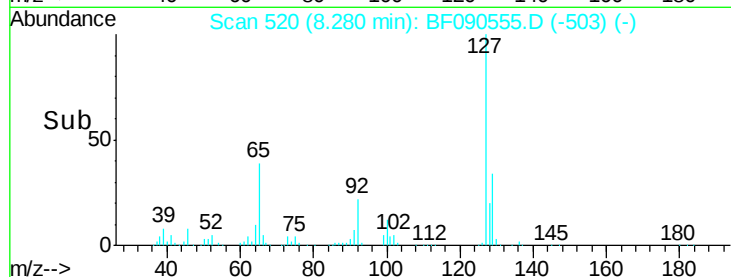
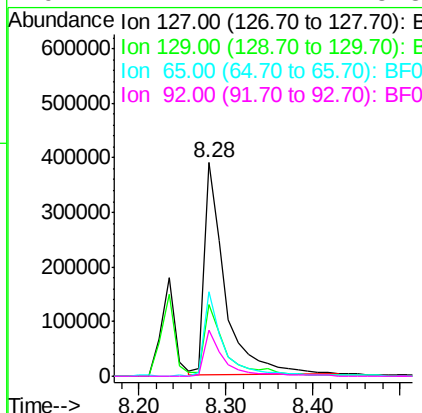
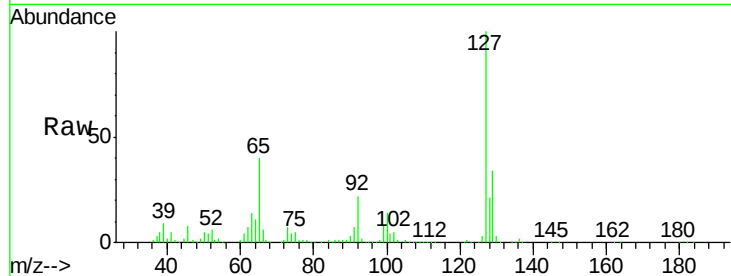
#33
4-Chloroaniline
Concen: 42.80 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.2	39.2		
65	39.6	30.1	45.1		
92	21.7	17.2	25.8		

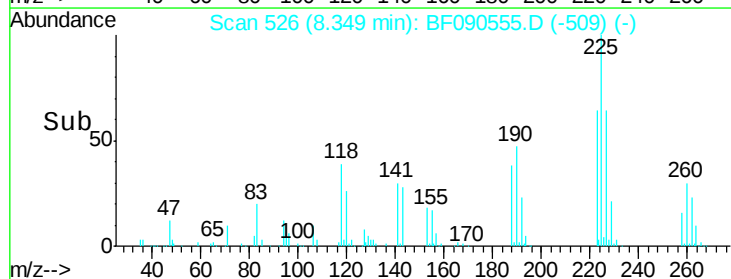
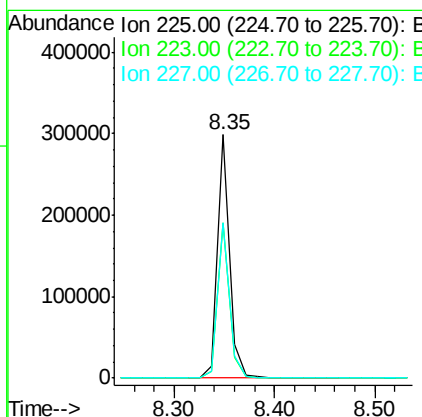
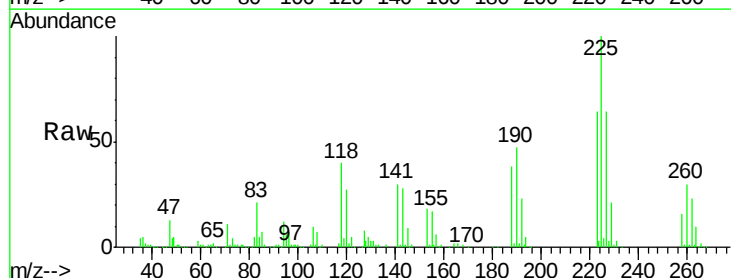
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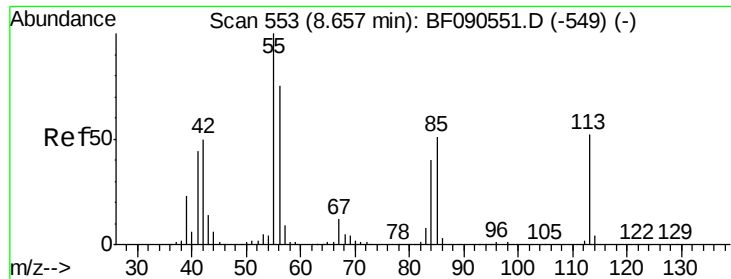
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#34
Hexachlorobutadiene
Concen: 40.89 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	76.0		
227	63.7	51.4	77.2		





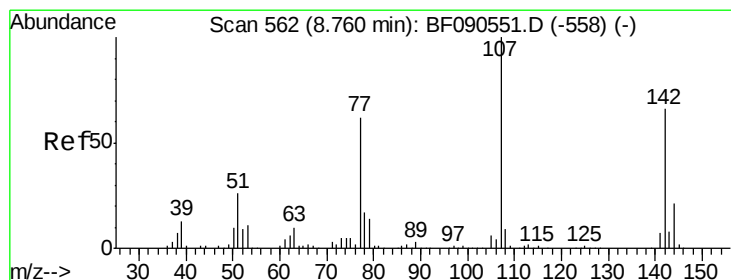
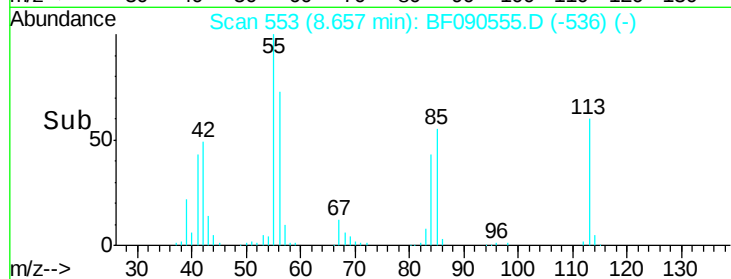
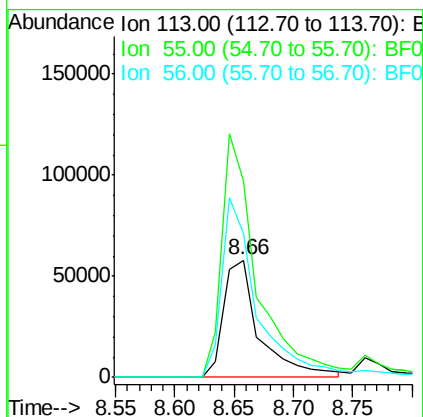
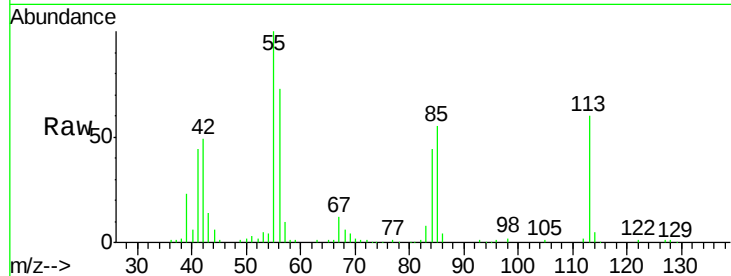
#35
Caprolactam
Concen: 46.92 ng
RT: 8.66 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.7	170.8	210.8#
56	123.0	122.4	162.4

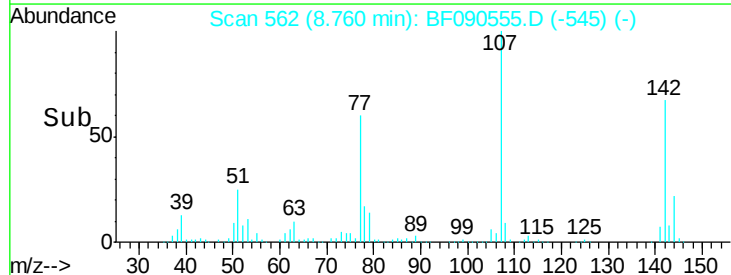
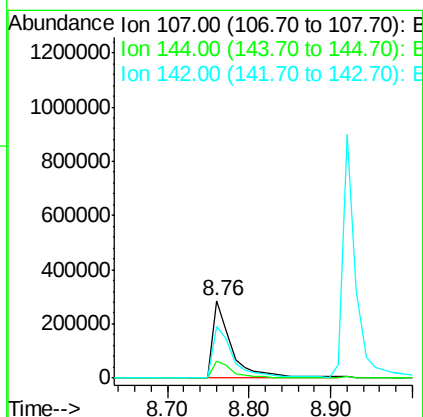
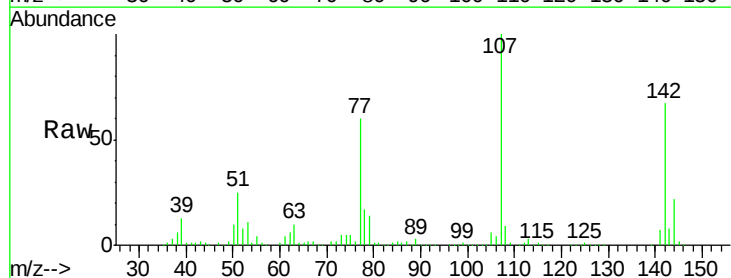
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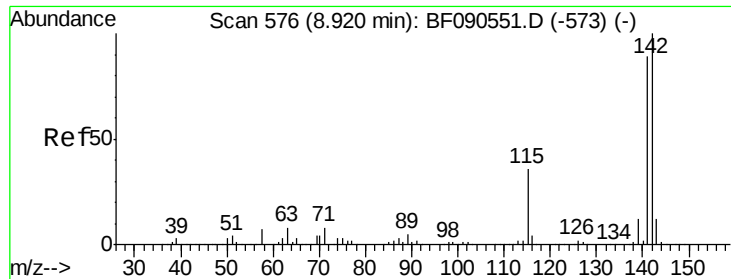
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#36
4-Chloro-3-methylphenol
Concen: 43.64 ng
RT: 8.76 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	16.9	25.3
142	67.1	52.5	78.7





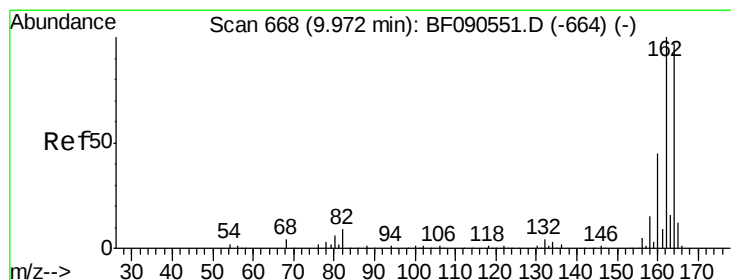
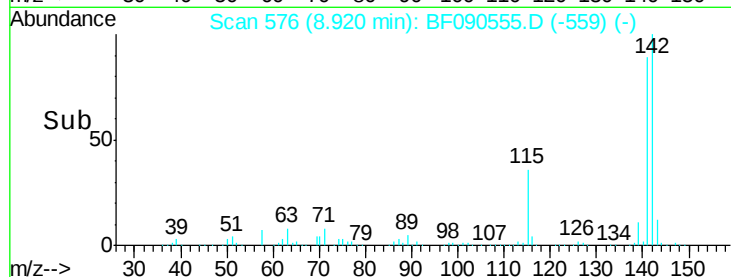
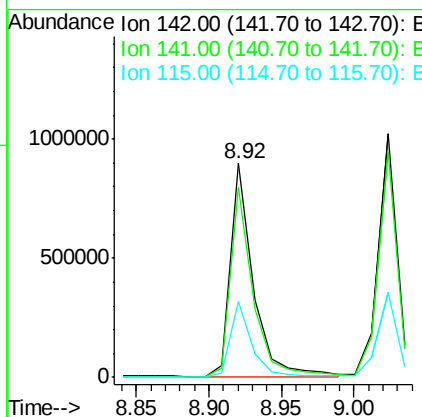
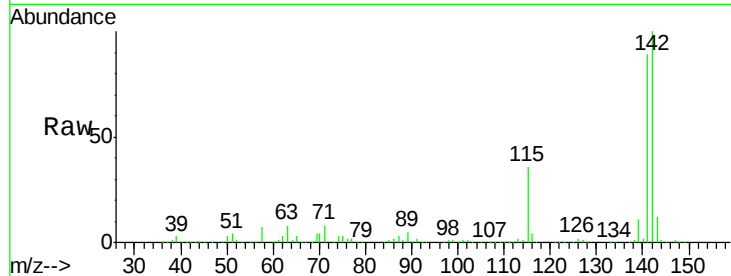
#37
2-Methylnaphthalene
Concen: 42.55 ng
RT: 8.92 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	35.6	28.8	43.2

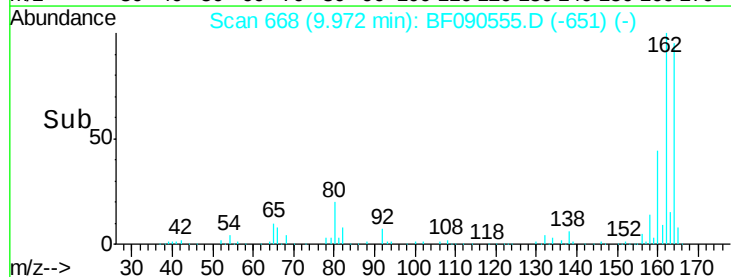
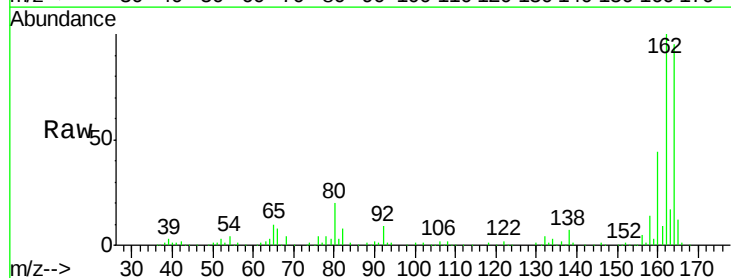
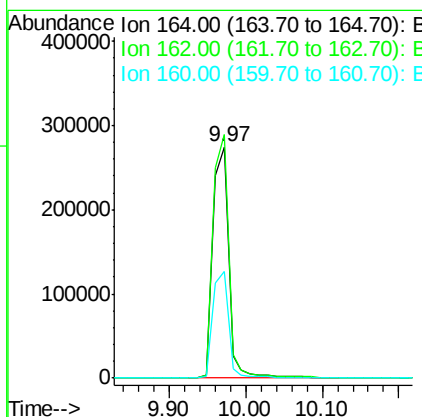
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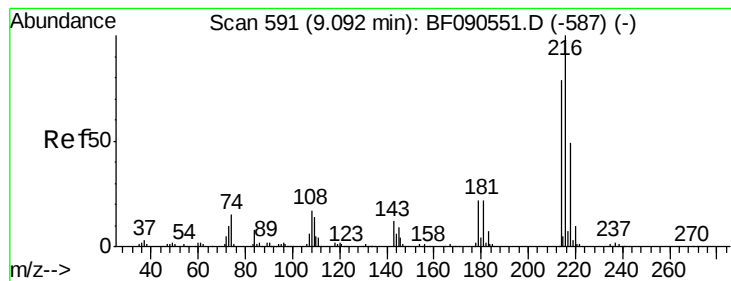
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	46.2	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.37 ng

RT: 9.09 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

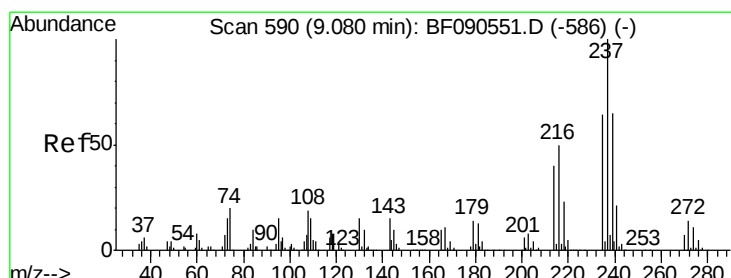
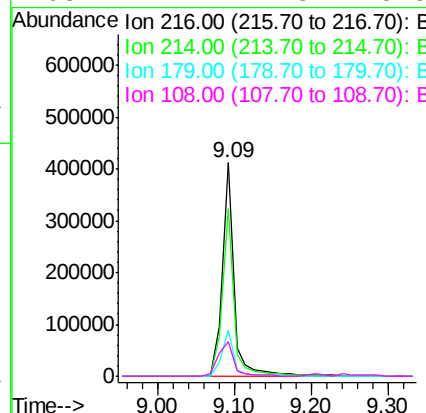
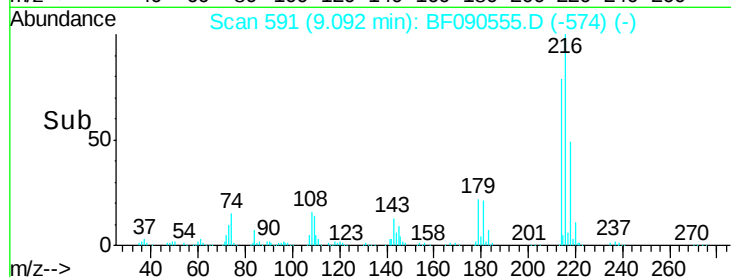
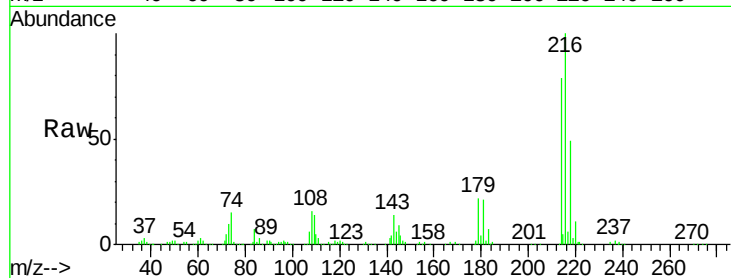
ClientSampleId :

ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
216	100	434338		
214	78.7	63.5	95.3	
179	23.0	18.9	28.3	
108	22.1	17.8	26.6	

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#40

Hexachlorocyclopentadiene

Concen: 41.73 ng

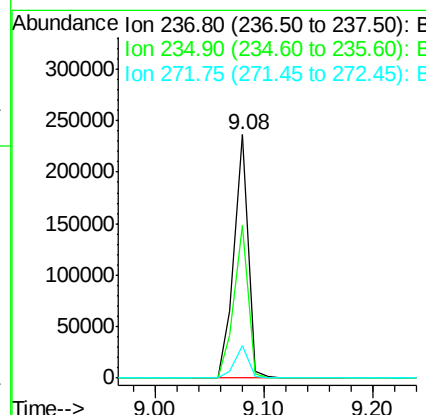
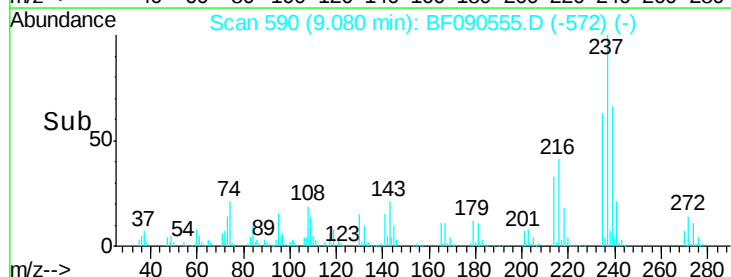
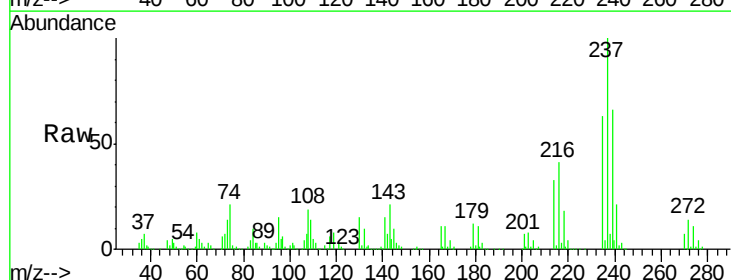
RT: 9.08 min Scan# 590

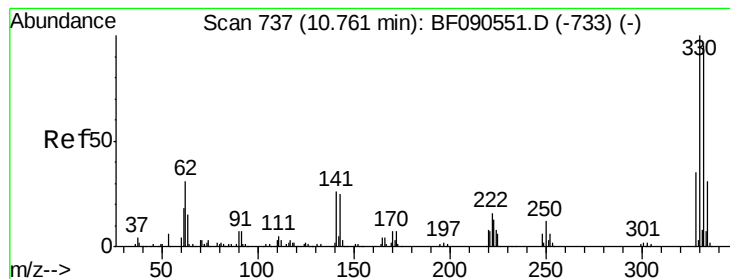
Delta R.T. 0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	214045		
235	62.6	43.8	83.8	
272	13.5	0.0	33.7	





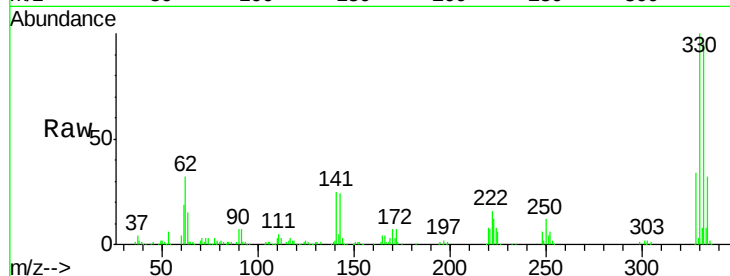
#41
 2,4,6-Tribromophenol
 Concen: 87.67 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

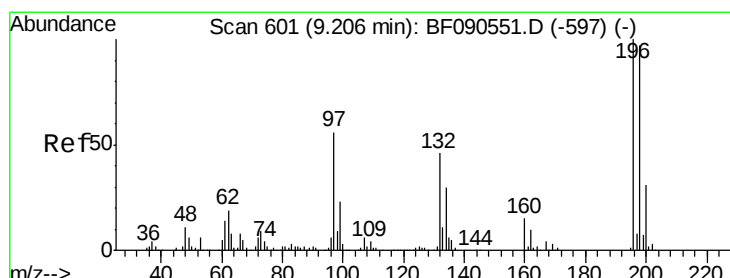
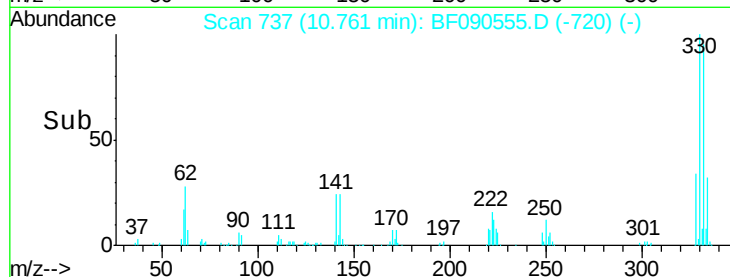
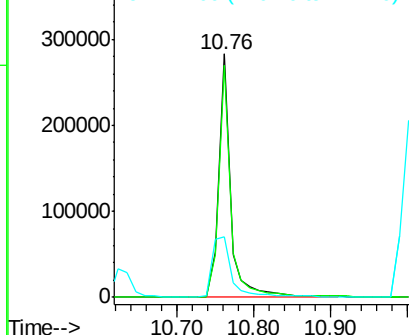
Tot Ion	Ratio	Resp	Lower	Upper
330	100	309497		
332	96.1	76.2	114.2	
141	39.9	31.4	47.2	

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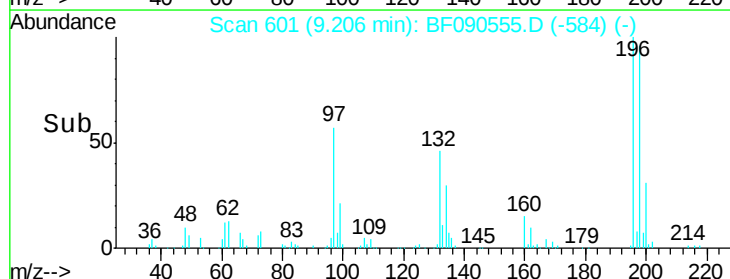
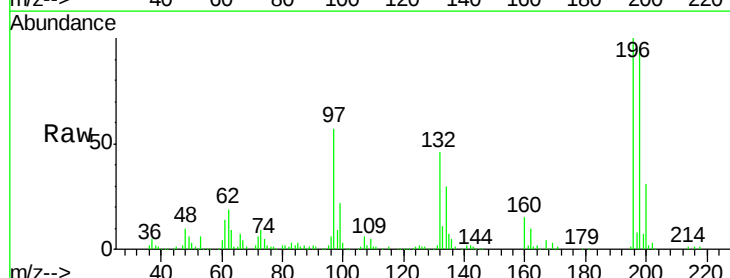
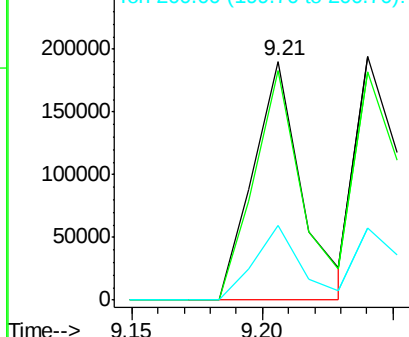
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

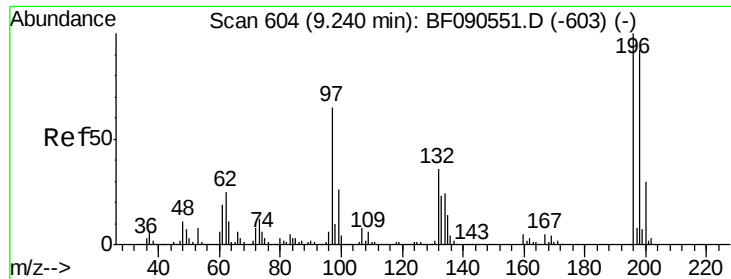


#42
 2,4,6-Trichlorophenol
 Concen: 41.51 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245801		
198	96.1	77.9	116.9	
200	31.0	25.1	37.7	

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





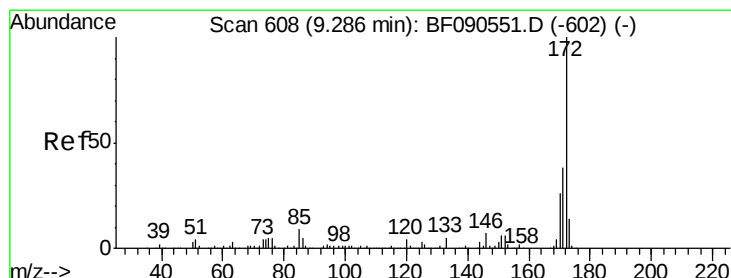
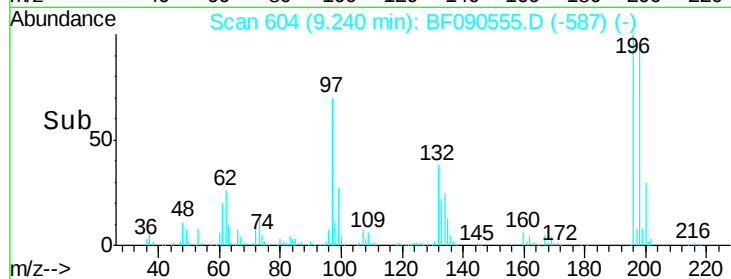
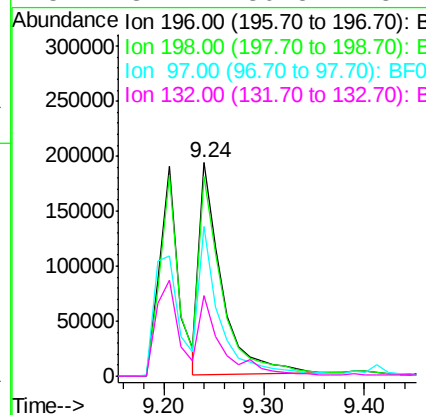
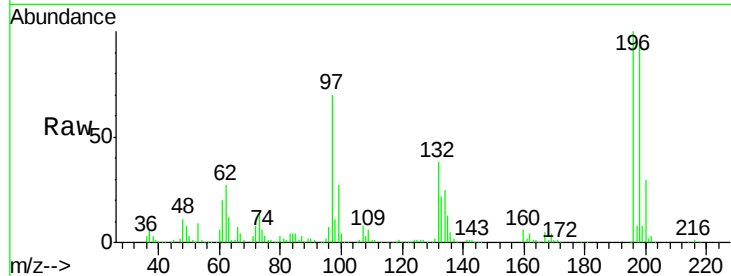
#43
2,4,5-Trichlorophenol
Concen: 42.58 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion:	196	Resp:	300787
Ion Ratio	Lower	Upper	
196	100		
198	93.7	74.0	111.0
97	70.1	54.7	82.1
132	37.7	30.5	45.7

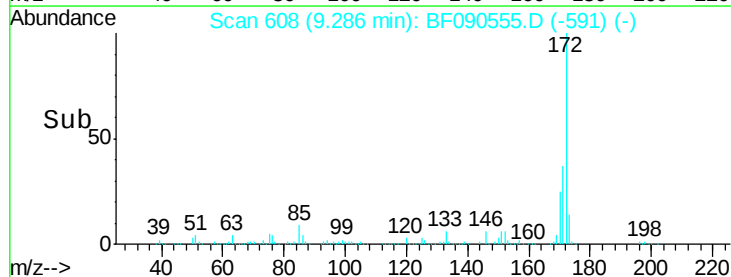
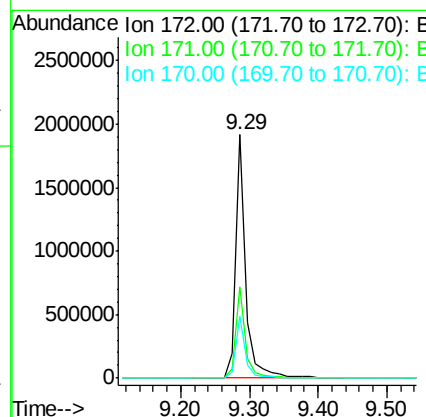
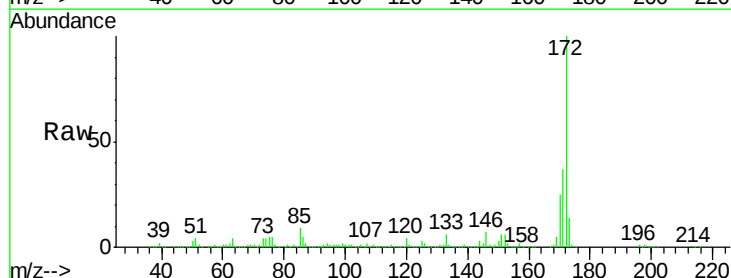
Manual Integrations
APPROVED

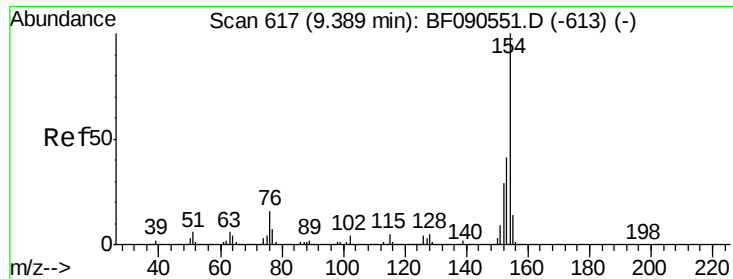
sohil
10/14/2016 6:38:38 PM



#44
2-Fluorobiphenyl
Concen: 82.68 ng
RT: 9.29 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:	172	Resp:	1987006
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.1	45.1
170	25.5	20.6	30.8





#45

1,1'-Biphenyl

Concen: 44.34 ng

RT: 9.39 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tot Ion:154 Resp: 1336104

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

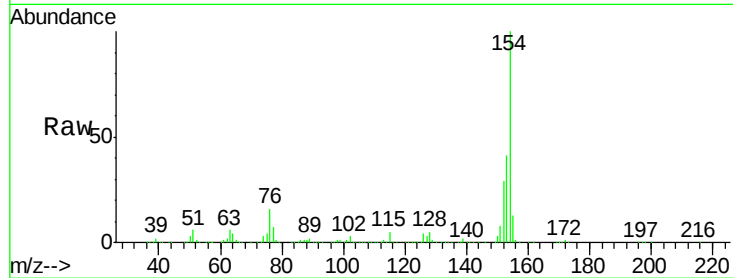
76 15.7 0.0 36.0

Manual Integrations

APPROVED

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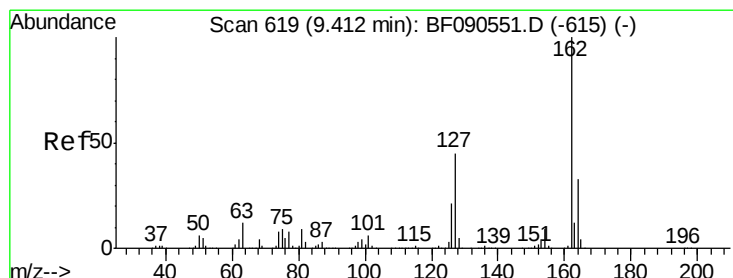
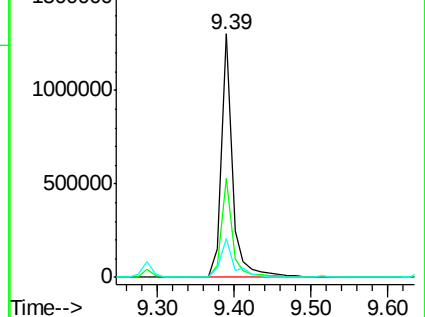
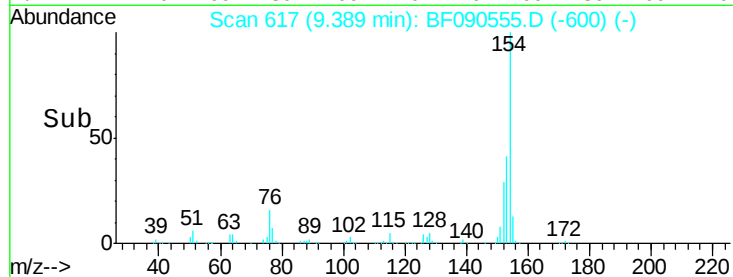
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 43.35 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

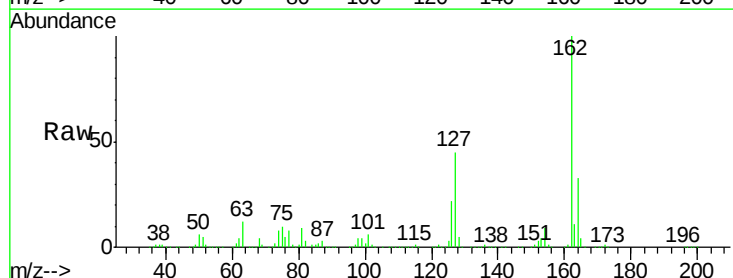
Tgt Ion:162 Resp: 973834

Ion Ratio Lower Upper

162 100

127 44.7 35.9 53.9

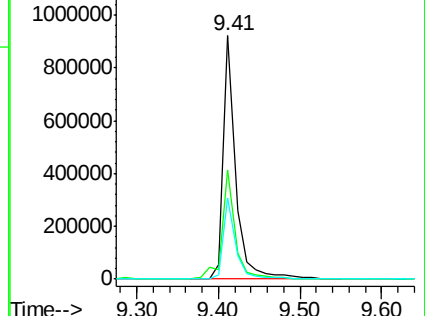
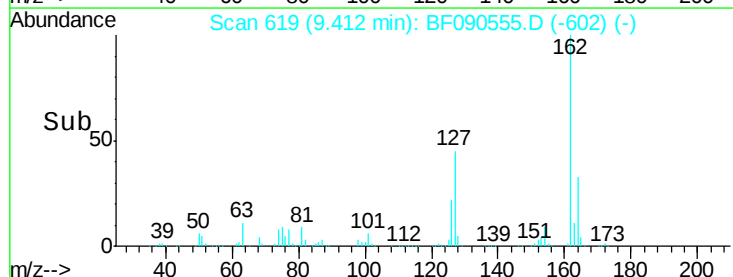
164 33.3 26.7 40.1

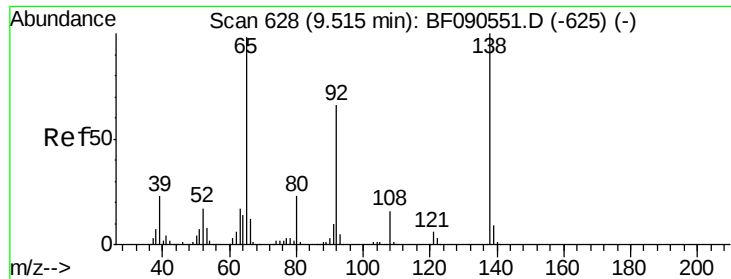


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





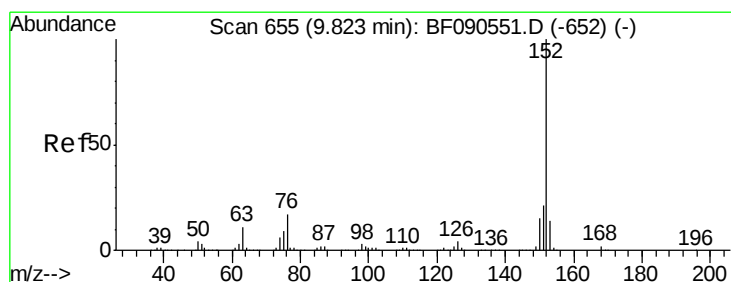
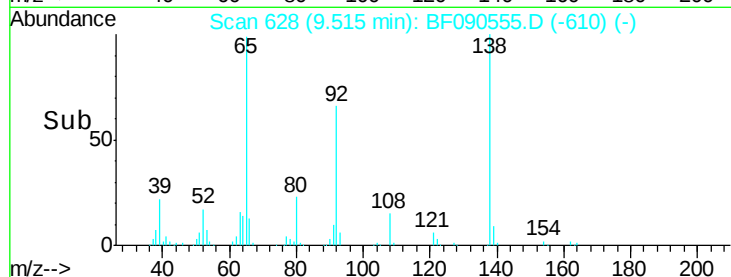
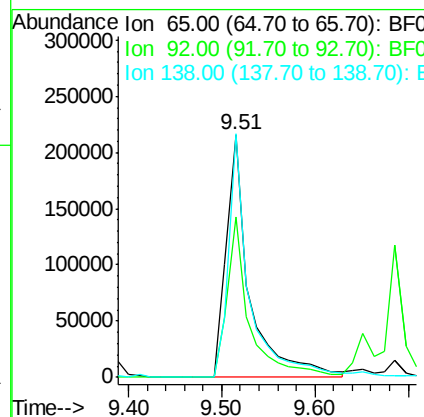
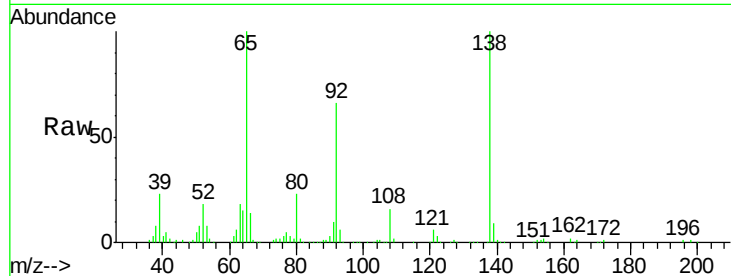
#47
2-Nitroaniline
Concen: 46.34 ng
RT: 9.51 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.3	81.5
138	100.3	81.7	122.5

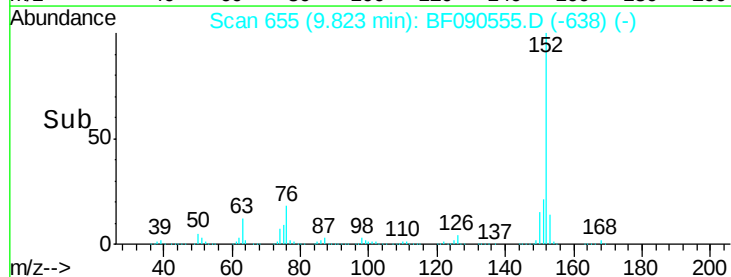
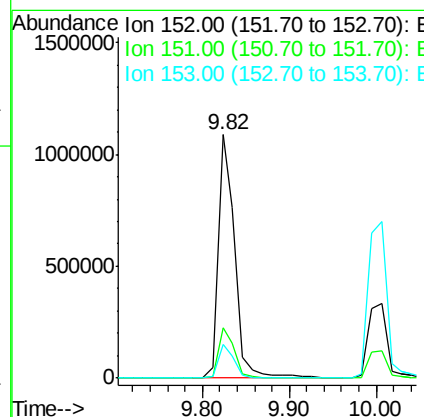
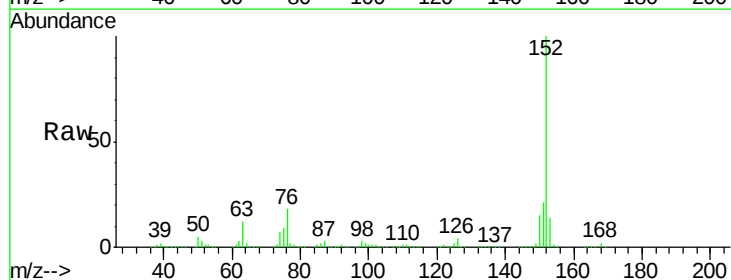
Manual Integrations
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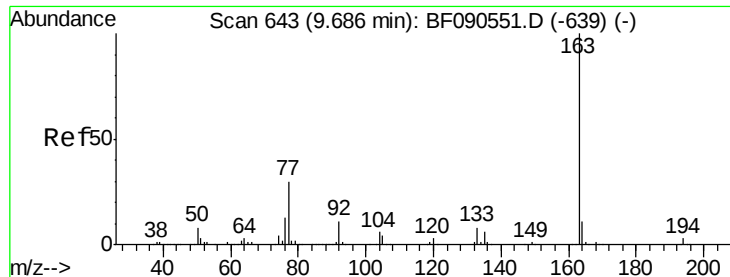
sohil
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#48
Acenaphthylene
Concen: 40.44 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.8	11.3	16.9





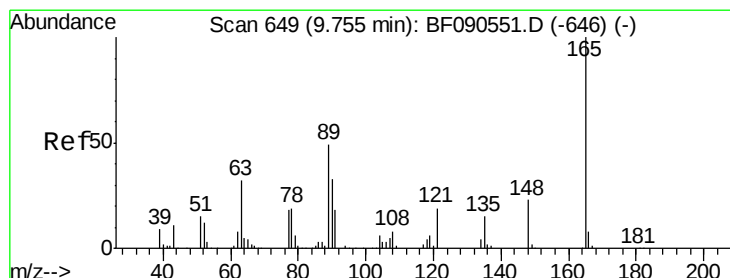
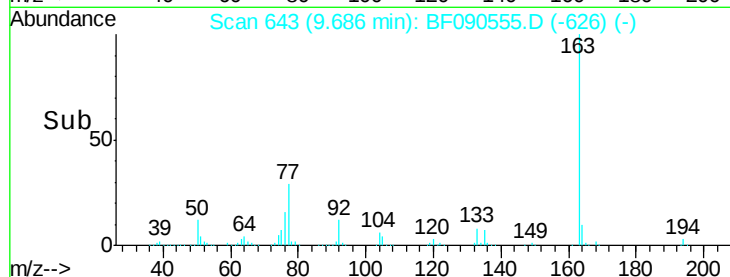
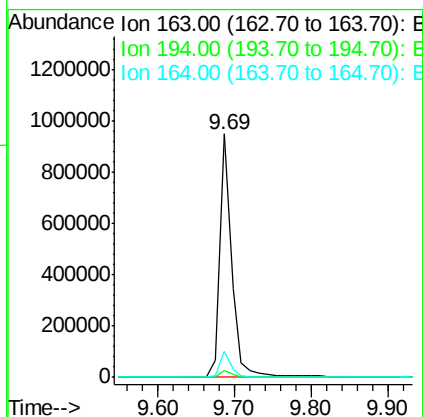
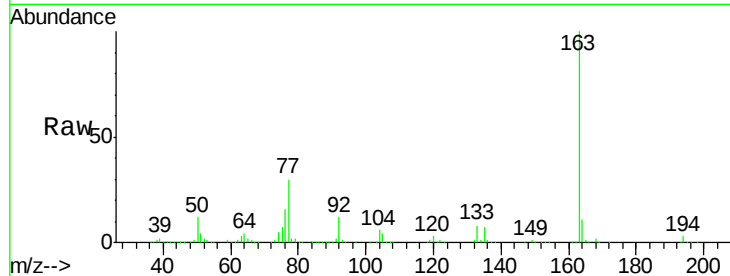
#49
Dimethylphthalate
Concen: 40.43 ng
RT: 9.69 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.7	8.6	13.0

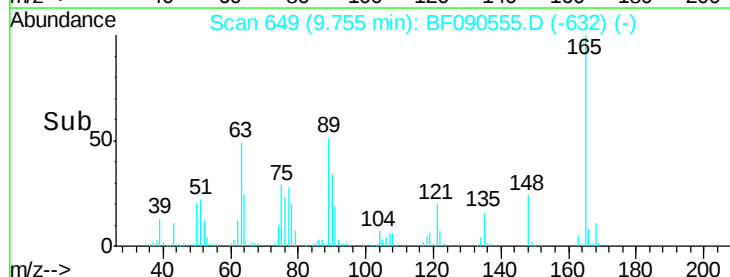
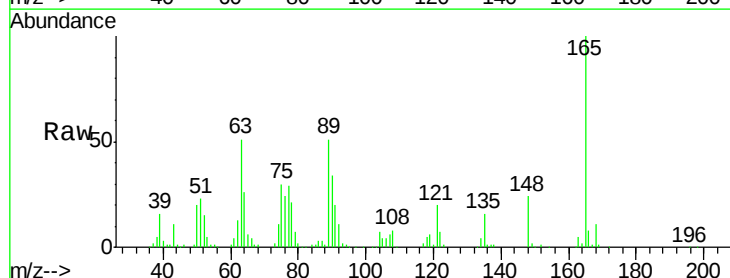
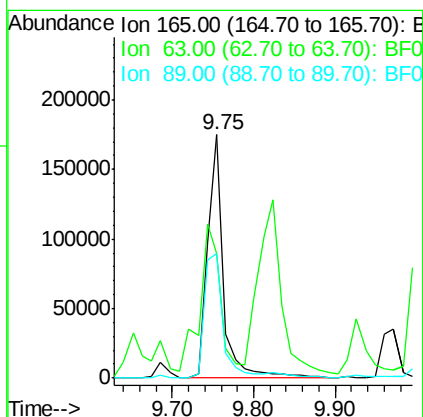
Manual Integrations
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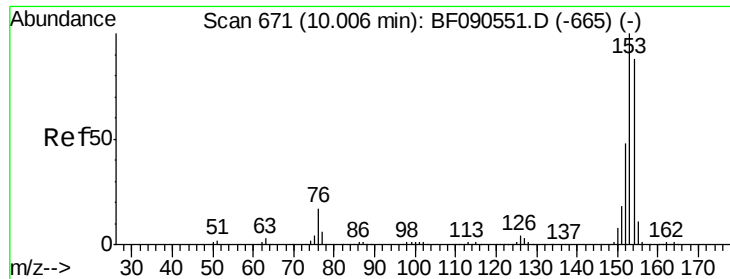
sohil
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#50
2,6-Dinitrotoluene
Concen: 42.18 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	40.1	60.1
89	50.9	39.5	59.3





#51

Acenaphthene

Concen: 41.65 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

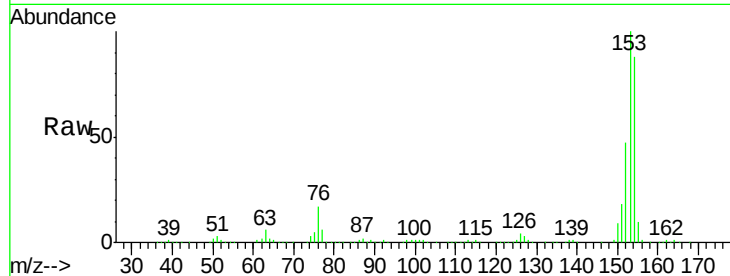
ClientSampleId :

ICVBF101316

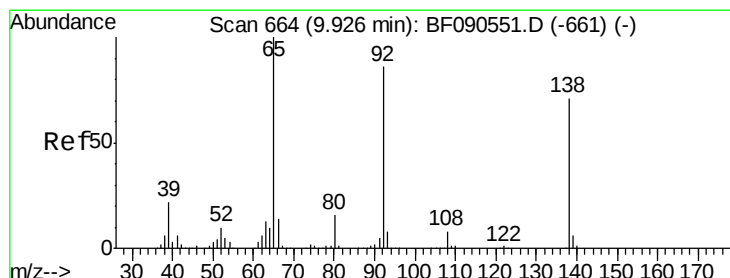
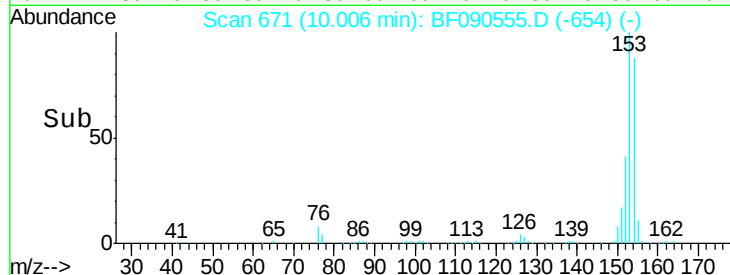
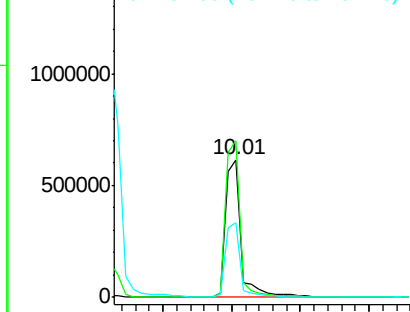
Tot Ion:	154	Resp:	990458
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	53.8	44.0	66.0

Manual Integrations
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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: 44.00 ng

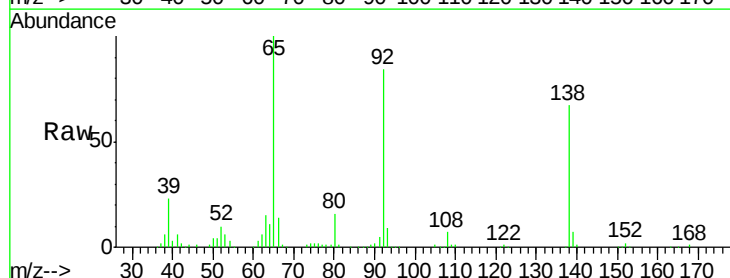
RT: 9.93 min Scan# 664

Delta R.T. -0.00 min

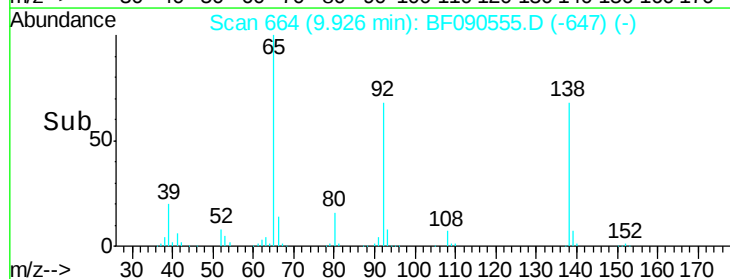
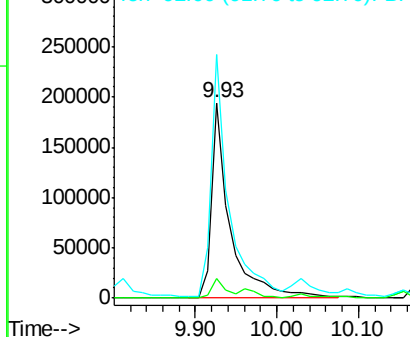
Lab File: BF090555.D

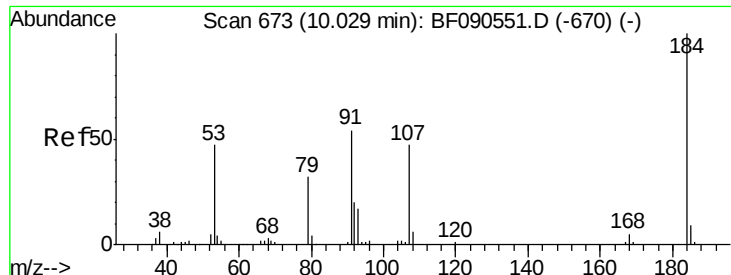
Acq: 13 Oct 2016 21:35

Tgt Ion:	138	Resp:	310399
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.6	12.8
92	124.6	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





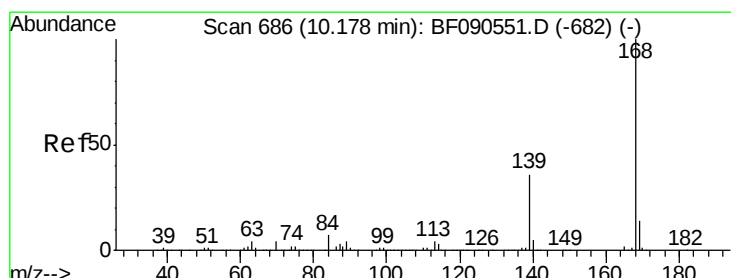
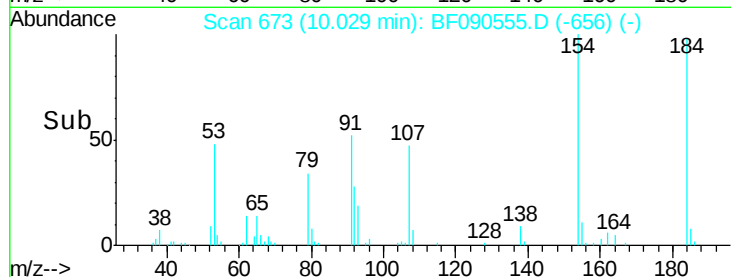
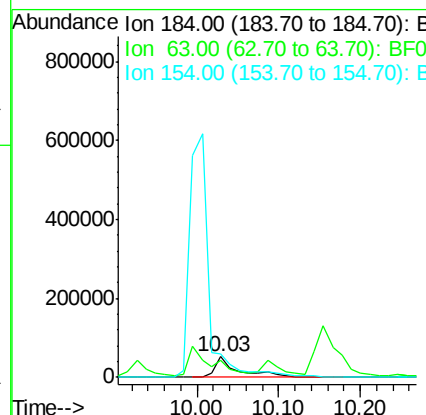
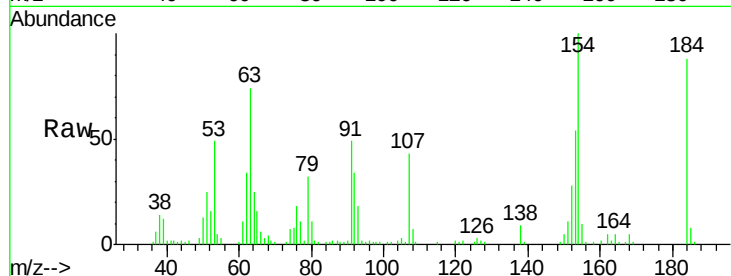
#53
2,4-Dinitrophenol
Concen: 39.07 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
184	100	109705		
63	84.3	60.2	90.2	
154	113.6	86.1	129.1	

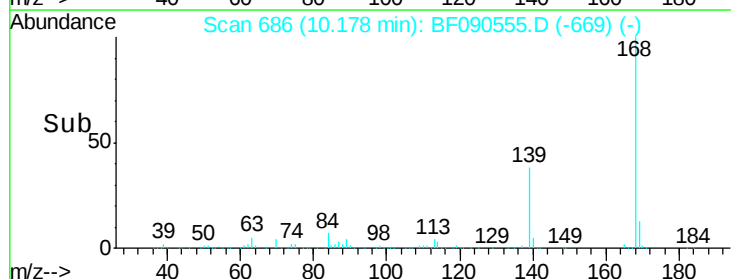
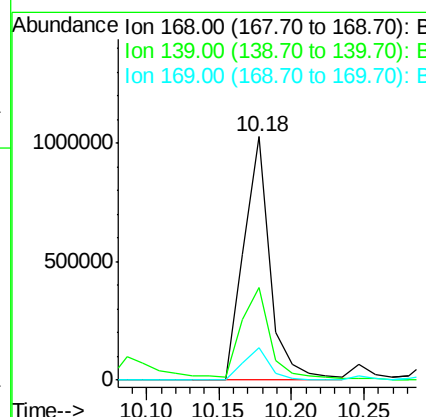
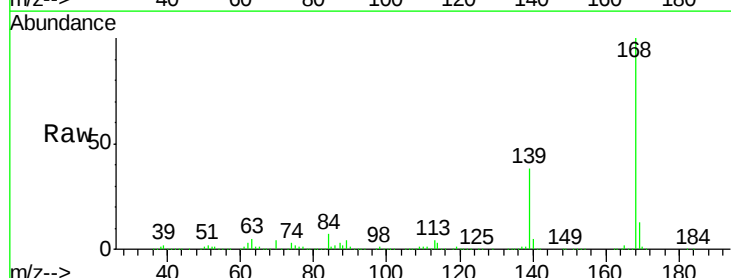
Manual Integrations
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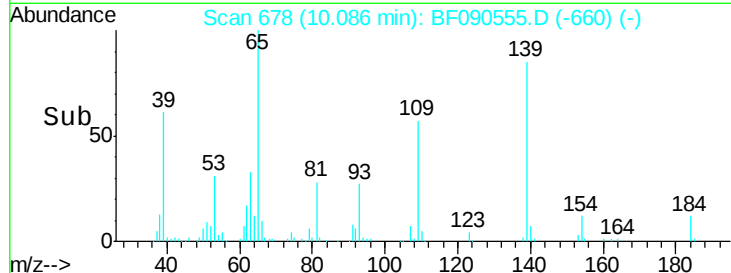
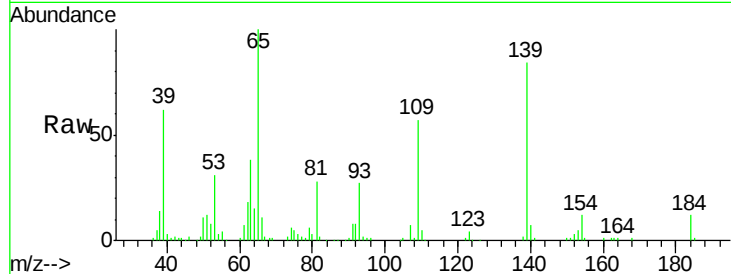
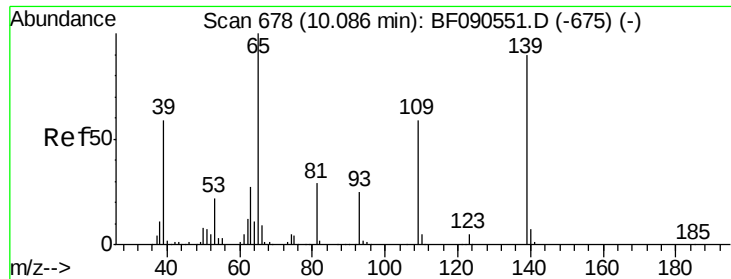
sohil
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#54
Dibenzofuran
Concen: 41.54 ng
RT: 10.18 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1299423		
139	37.8	30.5	45.7	
169	13.5	10.9	16.3	





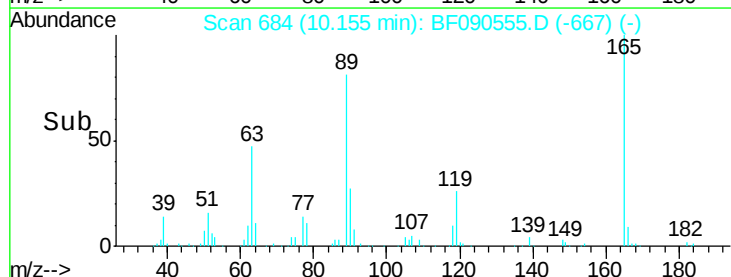
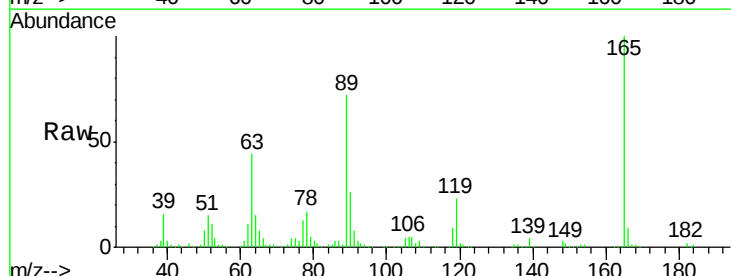
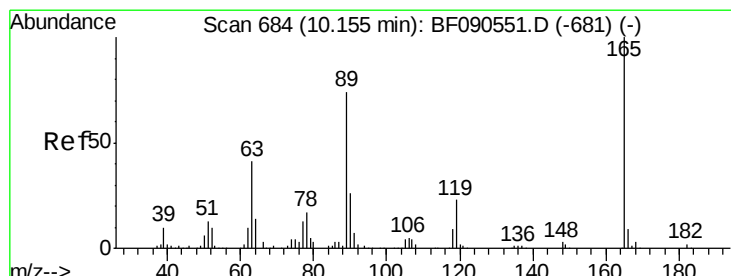
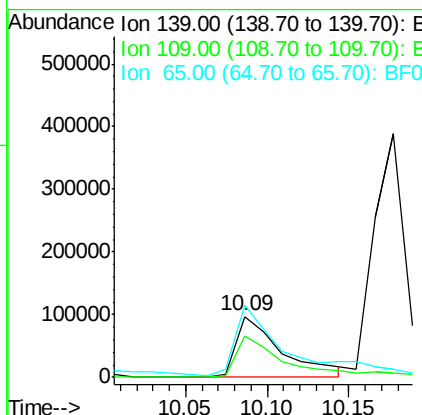
#55
4-Nitrophenol
Concen: 43.69 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185475		
109	67.8	45.9	85.9	
65	118.9	95.8	135.8	

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

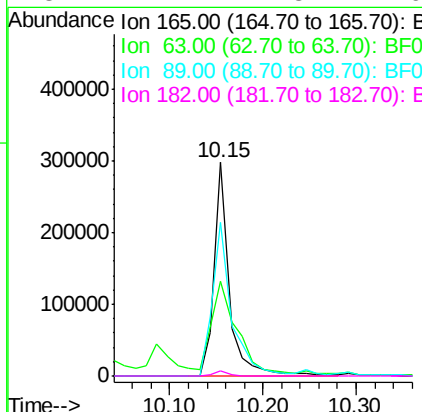
Manual Integrations
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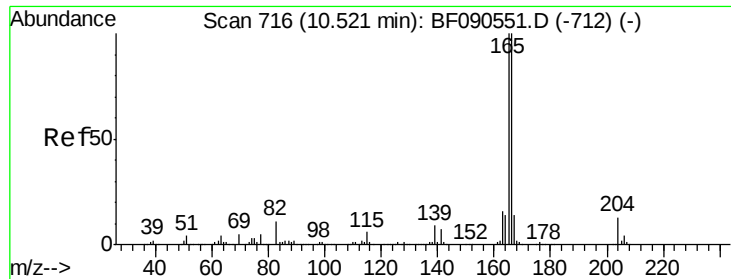
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#56
2,4-Dinitrotoluene
Concen: 44.72 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	341463		
63	44.1	35.4	53.0	
89	72.2	59.0	88.4	
182	2.2	1.8	2.6	





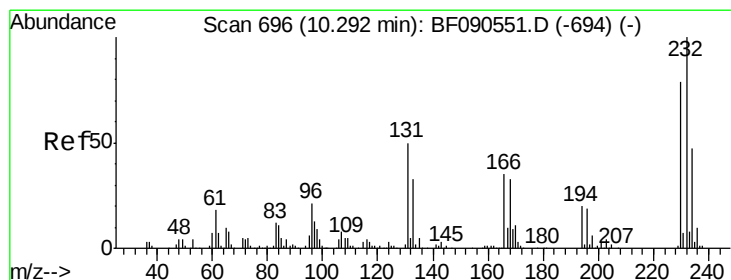
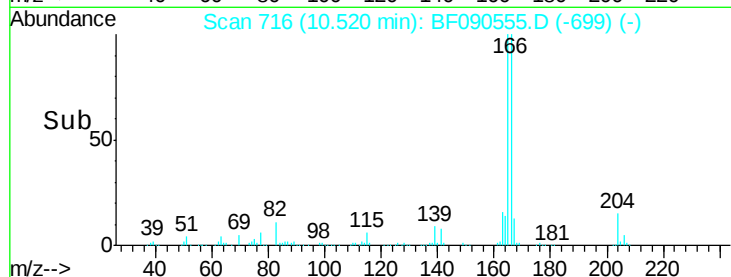
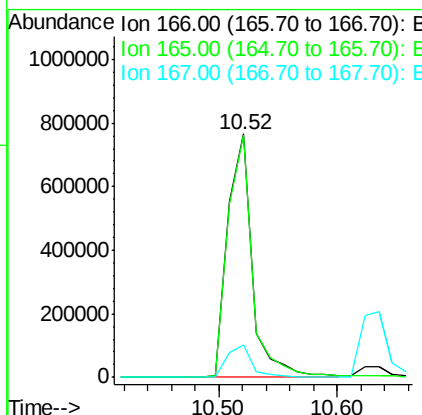
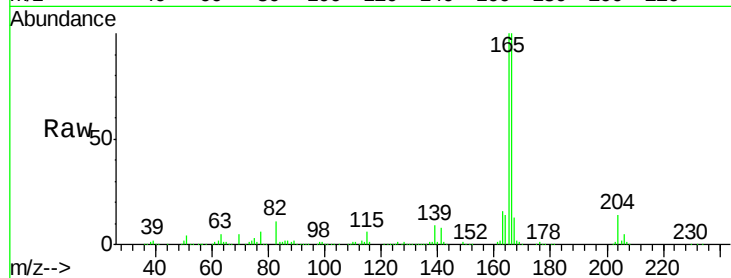
#57
Fluorene
 Concen: 42.51 ng
 RT: 10.52 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	13.3	10.9	16.3

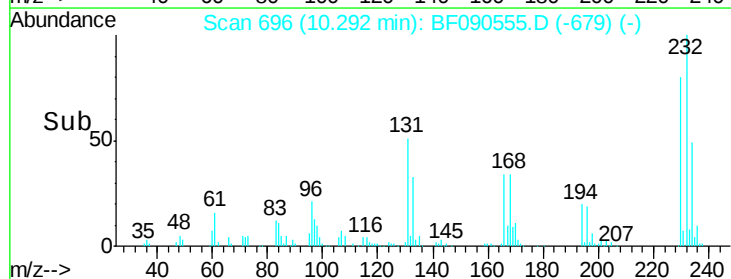
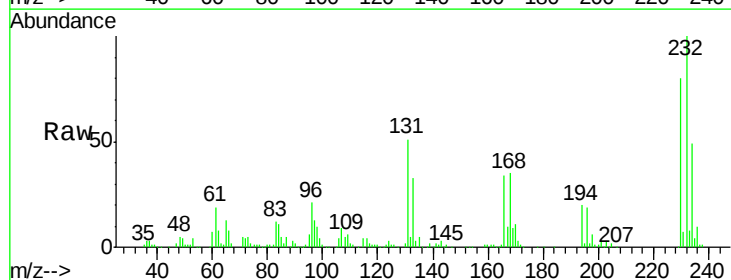
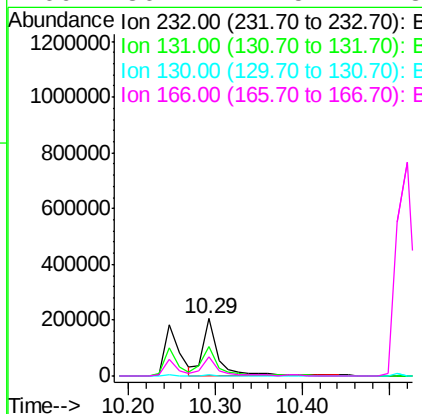
Manual Integrations
 APPROVED

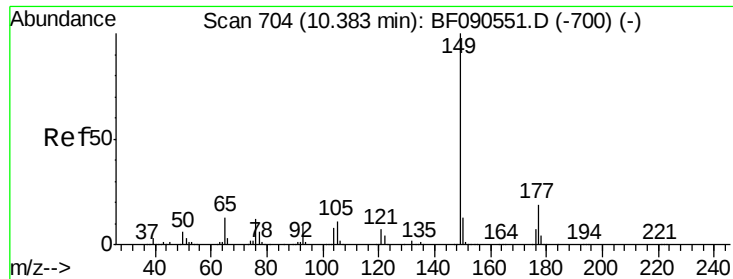
sohil
 10/14/2016 6:38:38 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.19 ng
 RT: 10.29 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.1	42.6	64.0
130	2.6	1.8	2.8
166	36.1	27.5	41.3





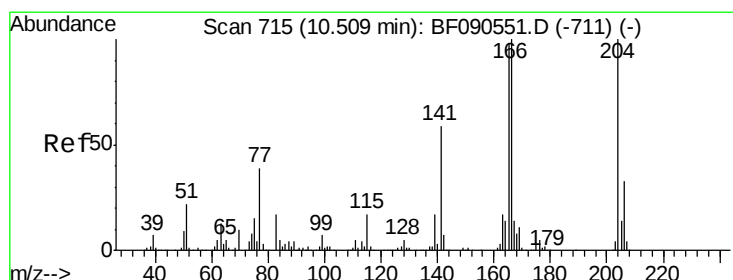
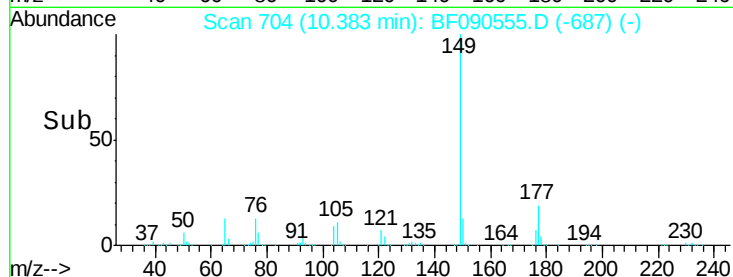
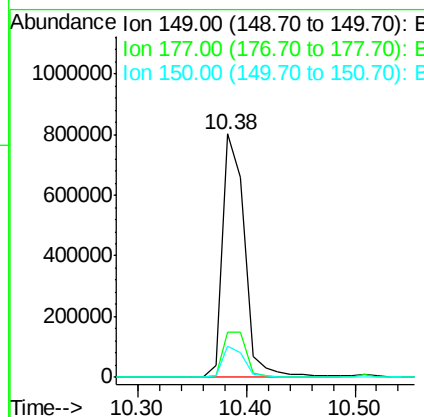
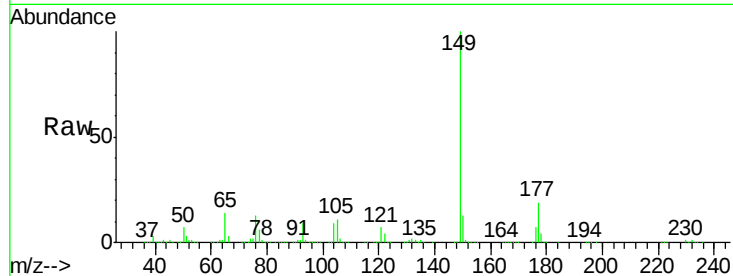
#59
Diethylphthalate
Concen: 43.30 ng
RT: 10.38 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion:149 Resp: 1128189
Ion Ratio Lower Upper
149 100
177 18.7 15.3 22.9
150 12.9 10.3 15.5

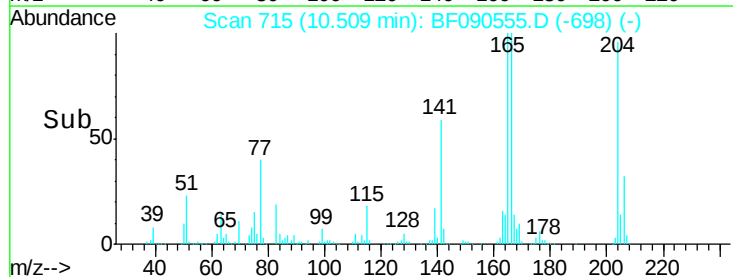
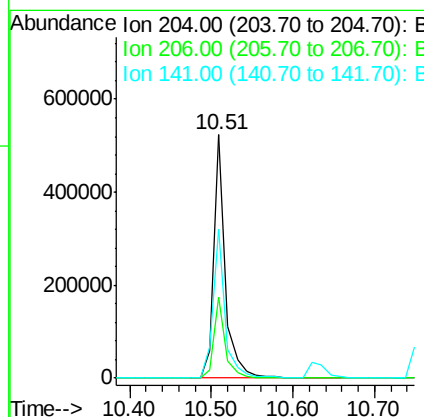
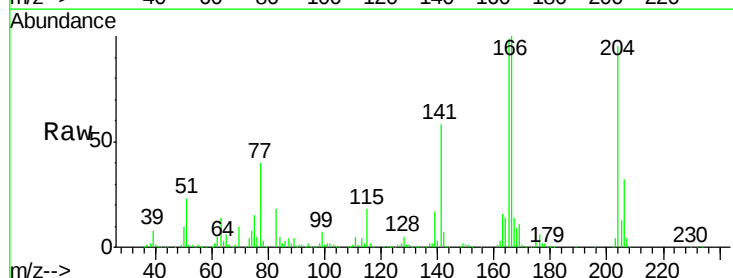
Manual Integrations
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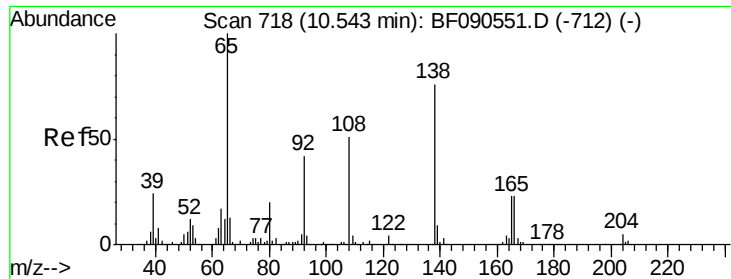
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#60
4-Chlorophenyl-phenylether
Concen: 43.37 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:204 Resp: 527510
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 61.4 47.2 70.8





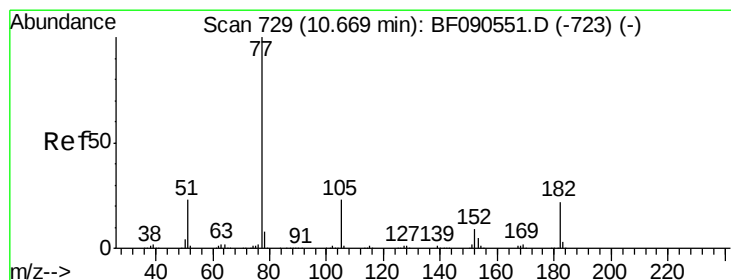
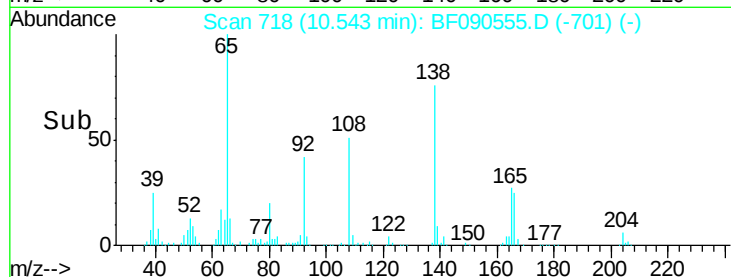
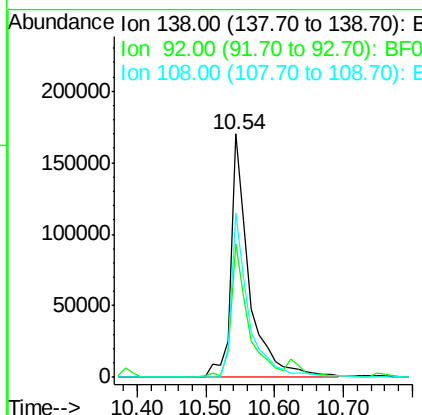
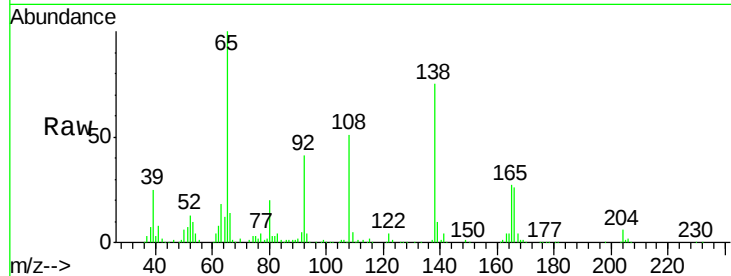
#61
4-Nitroaniline
Concen: 45.01 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	35.7	75.7
108	67.4	46.9	86.9

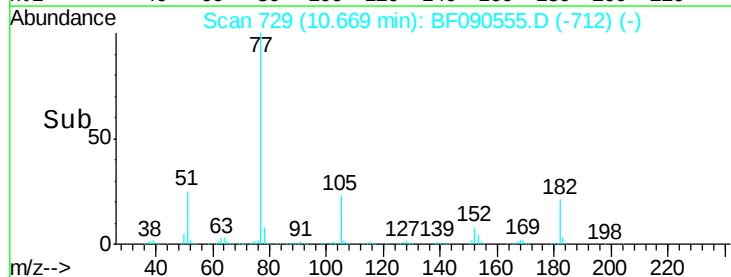
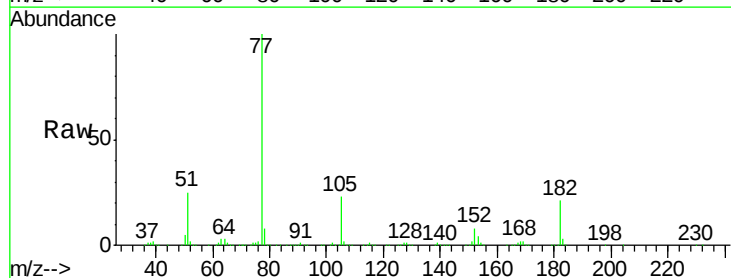
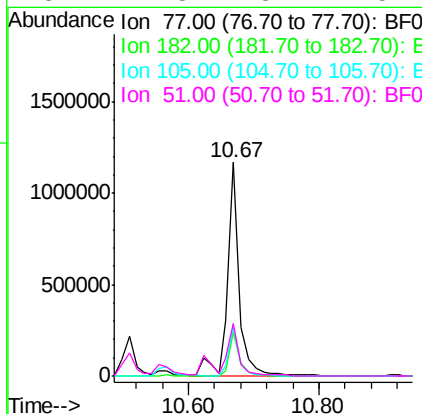
Manual Integrations
APPROVED

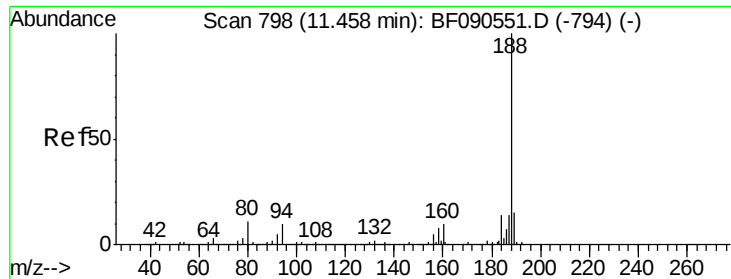
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#62
Azobenzene
Concen: 47.48 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	2.2	42.2
105	23.0	3.5	43.5
51	24.8	3.7	43.7





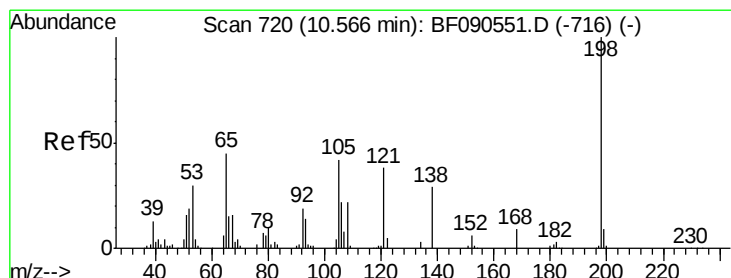
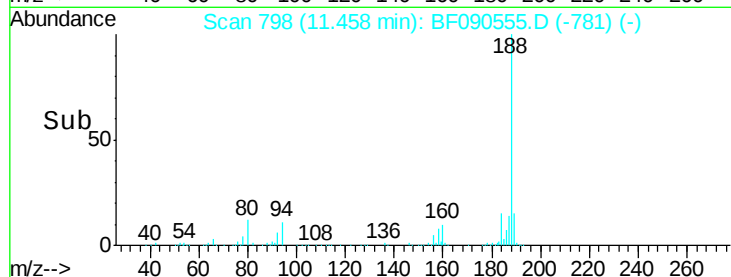
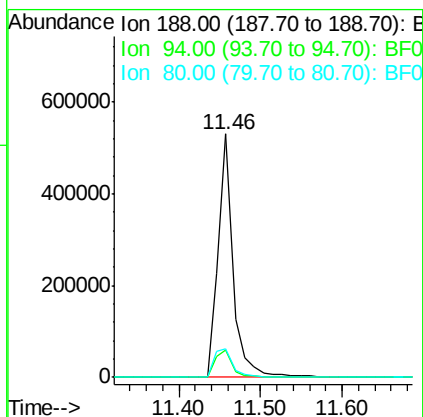
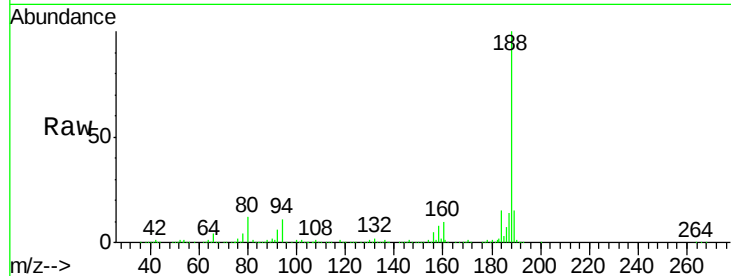
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
188	100	676061		
94	11.0		7.7	11.5
80	11.9		8.6	12.8

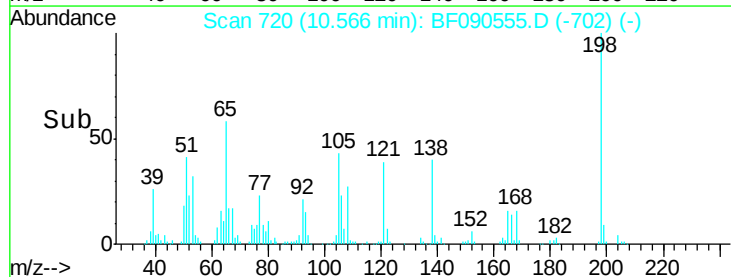
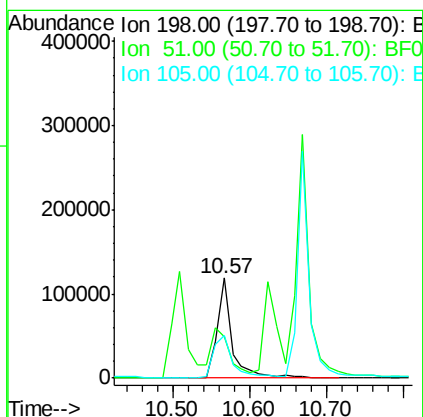
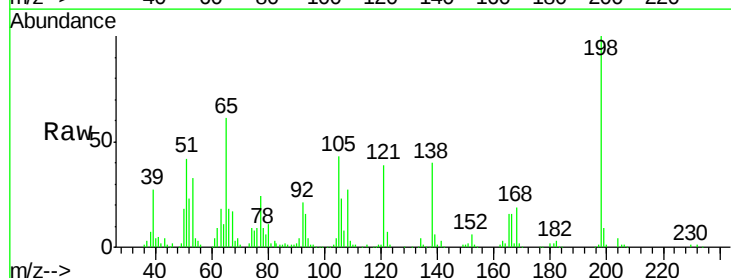
Manual Integrations
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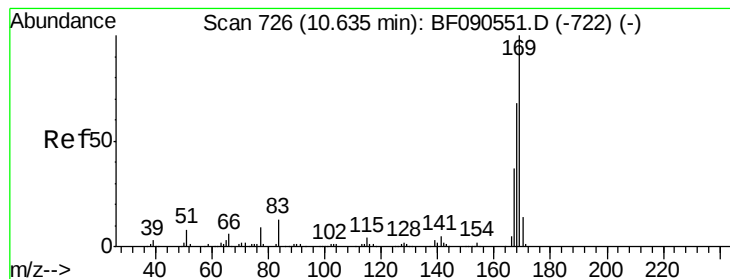
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.87 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163147		
51	41.7		19.7	59.7
105	42.7		22.6	62.6





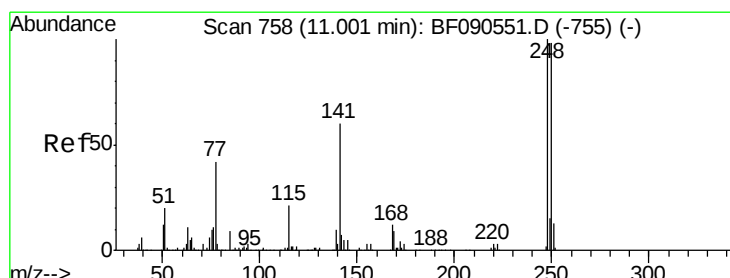
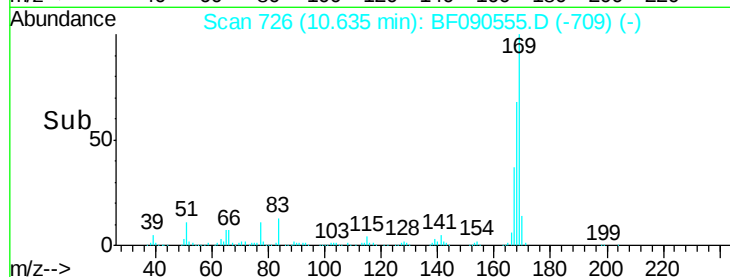
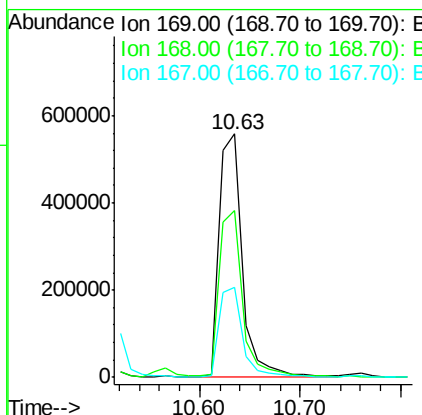
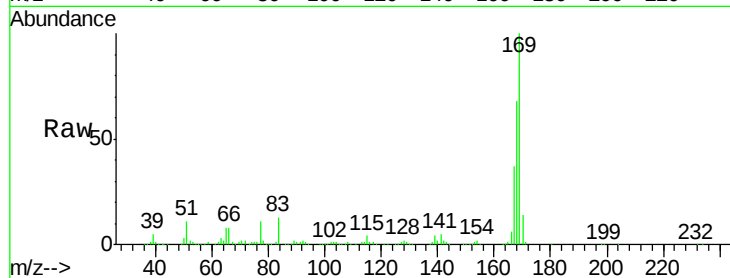
#65
 n-Nitrosodiphenylamine
 Concen: 39.95 ng
 RT: 10.63 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
169	100	892051		
168	68.3		54.6	81.8
167	37.0		29.8	44.8

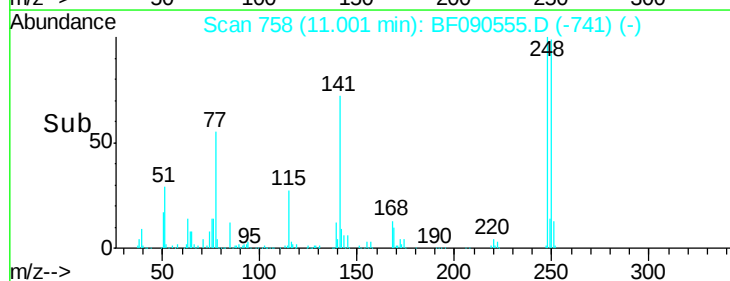
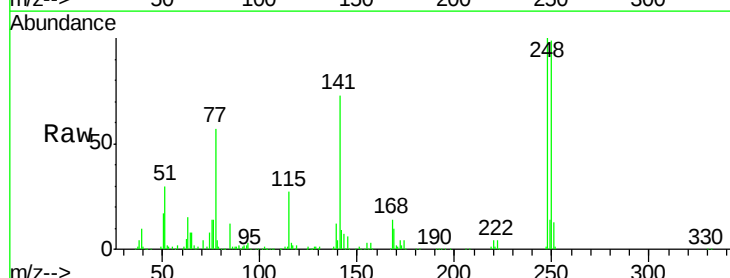
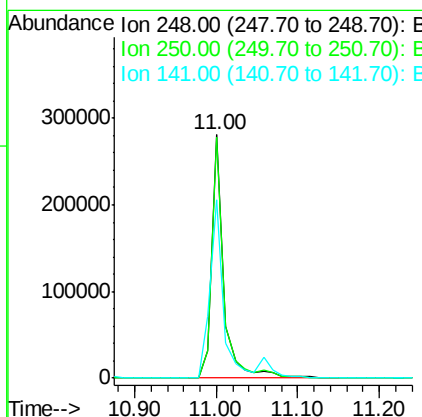
Manual Integrations
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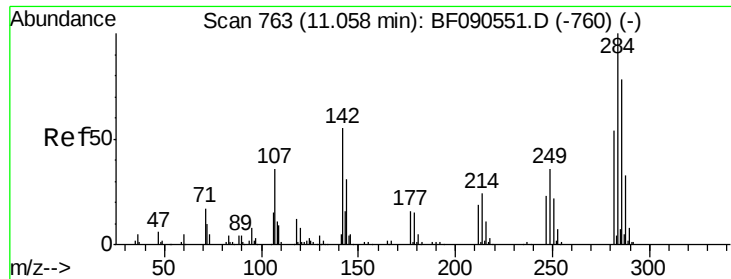
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#66
 4-Bromophenyl-phenylether
 Concen: 40.90 ng
 RT: 11.00 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	296681		
250	98.9		78.4	117.6
141	73.2		48.4	72.6





#67

Hexachlorobenzene

Concen: 38.50 ng

RT: 11.07 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

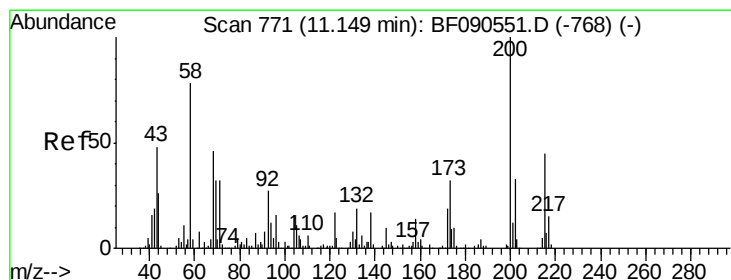
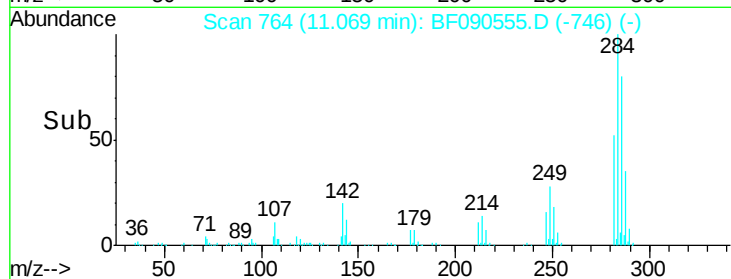
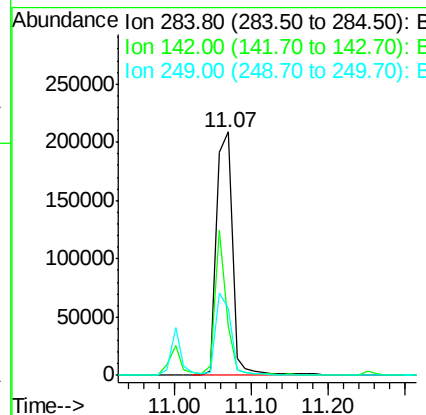
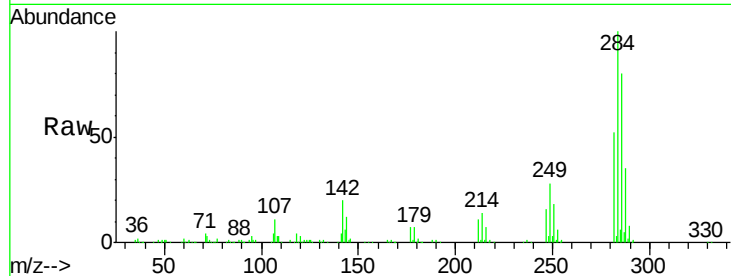
ClientSampleId :

ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
284	100	303211		
142	20.1	44.5	66.7#	
249	27.5	29.6	44.4#	

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#68

Atrazine

Concen: 39.46 ng

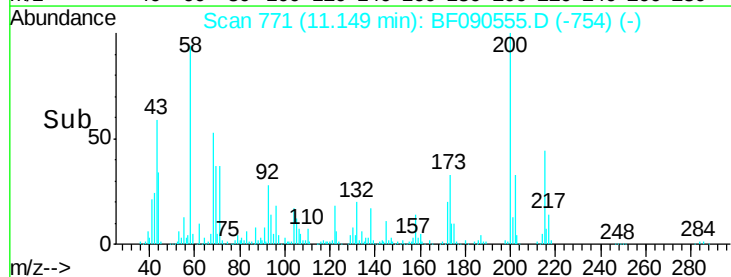
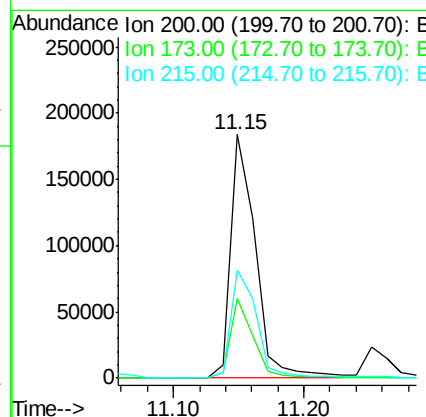
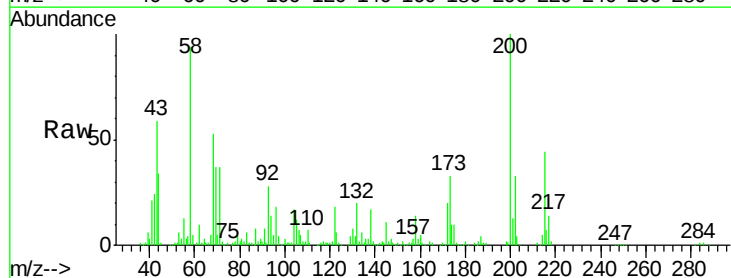
RT: 11.15 min Scan# 771

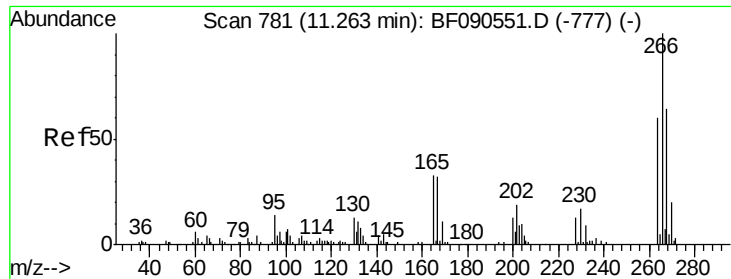
Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243703		
173	32.6	12.0	52.0	
215	44.1	25.2	65.2	





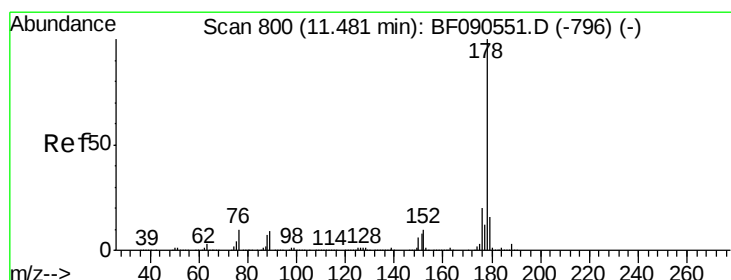
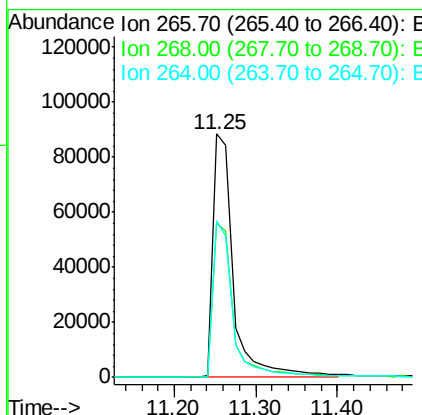
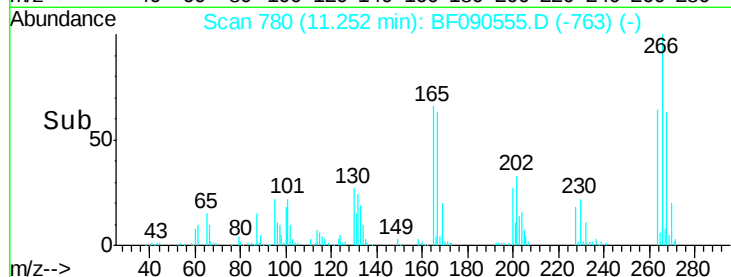
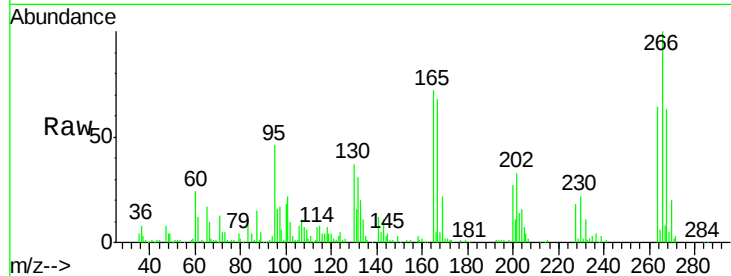
#69
 Pentachlorophenol
 Concen: 39.93 ng
 RT: 11.25 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion	Ratio	Resp	Lower	Upper
266	100	155887		
268	63.3	51.5	77.3	
264	64.2	47.9	71.9	

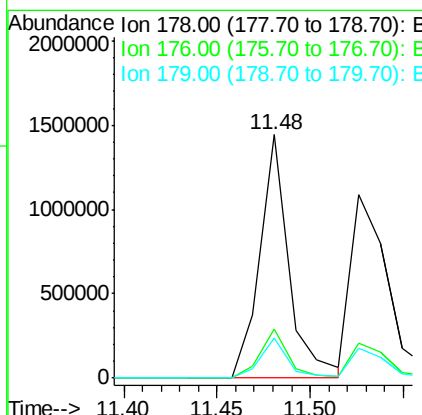
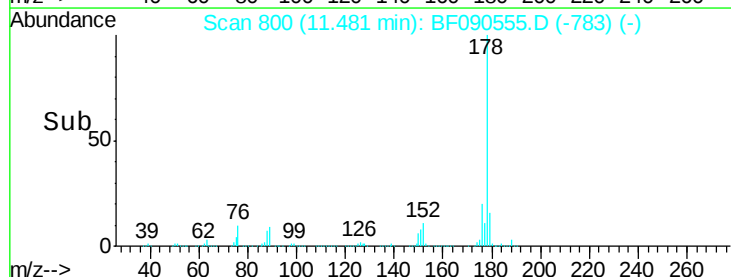
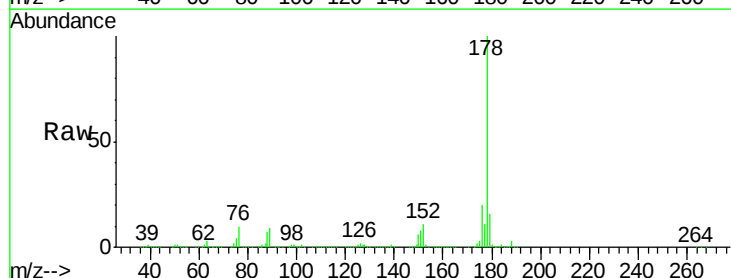
Manual Integrations
 APPROVED

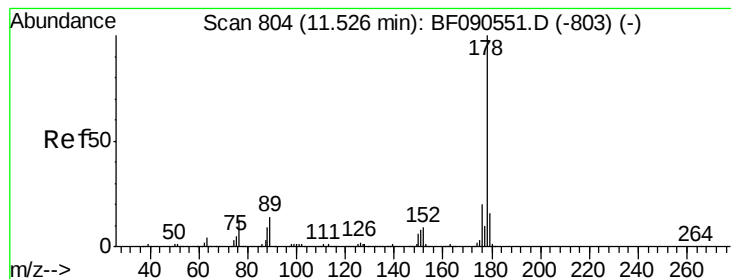
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#70
 Phenanthrene
 Concen: 43.22 ng
 RT: 11.48 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1559810		
176	20.3	16.1	24.1	
179	16.3	12.6	19.0	





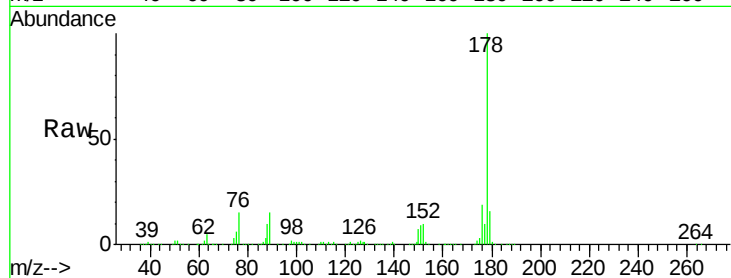
#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.53 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.2	13.0	19.4

Manual Integrations
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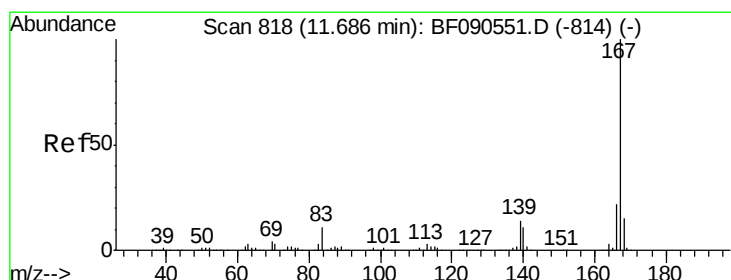
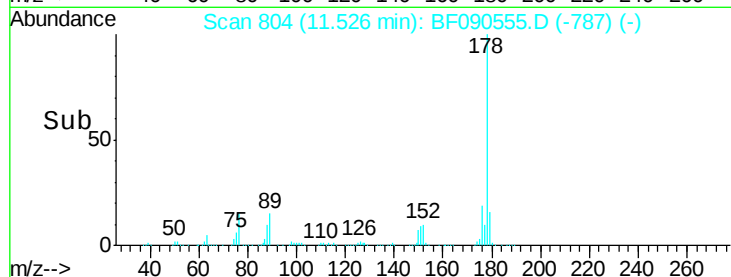
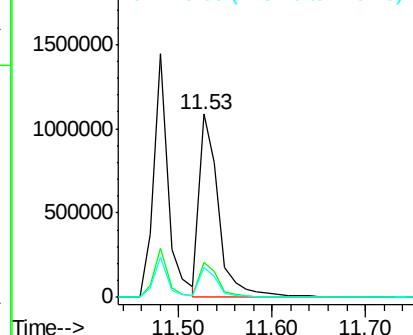


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 42.31 ng
 RT: 11.69 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

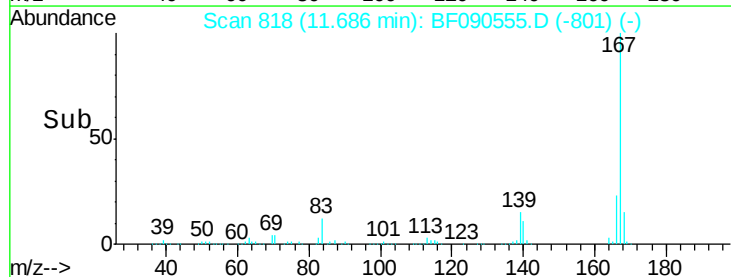
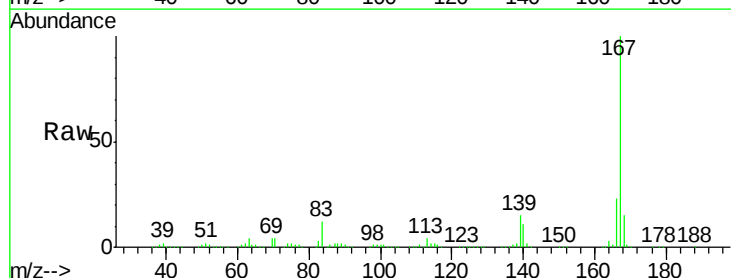
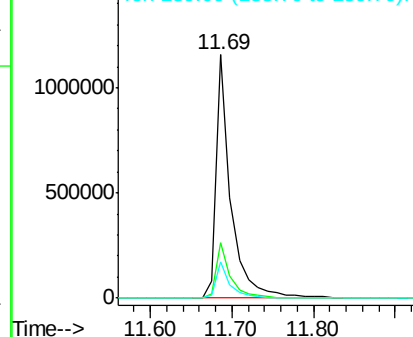
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.8
139	14.8	11.3	16.9

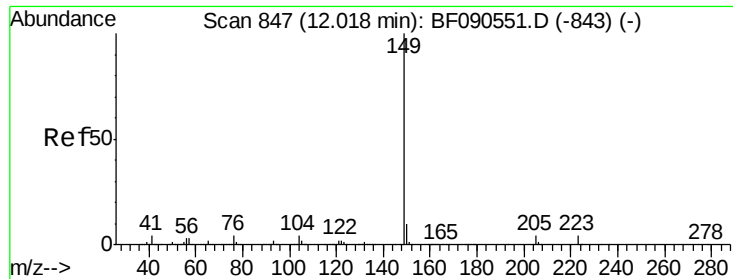
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.01 ng

RT: 12.02 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tot Ion:149 Resp: 1833478

Ion Ratio Lower Upper

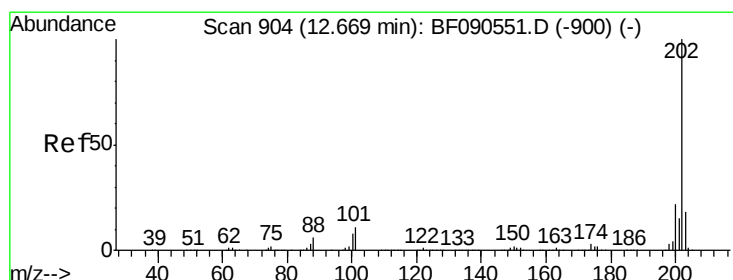
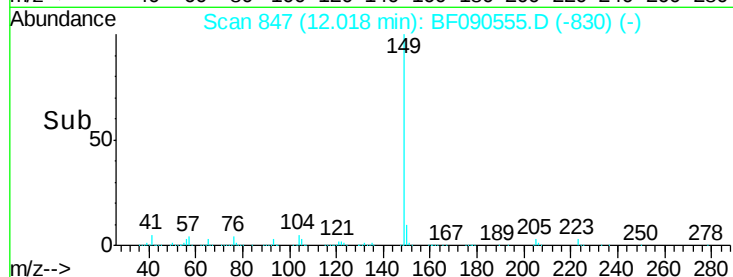
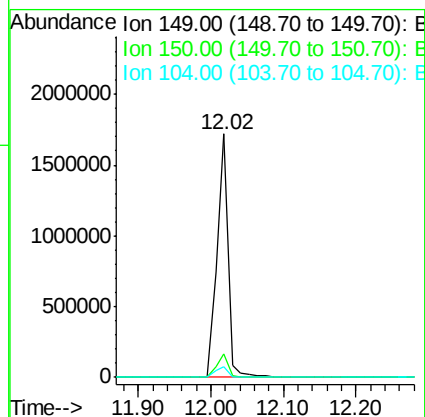
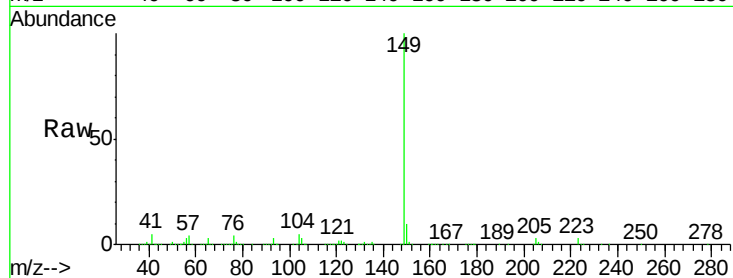
149 100

150 9.7 7.8 11.6

104 4.6 3.3 4.9

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#74

Fluoranthene

Concen: 43.48 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

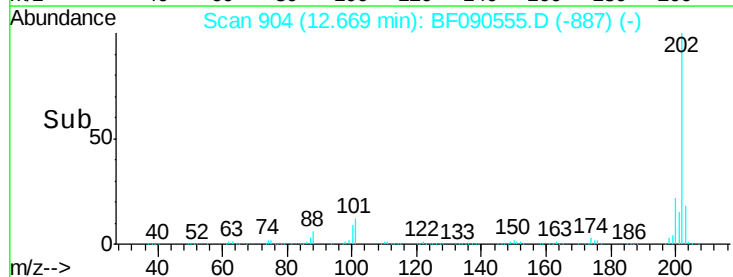
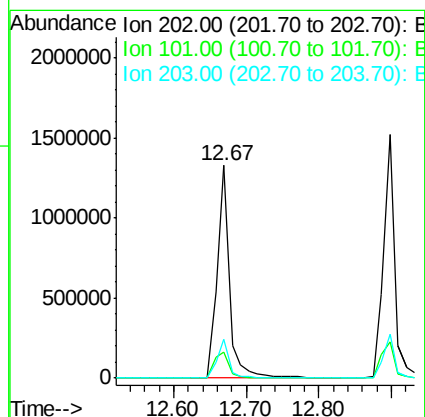
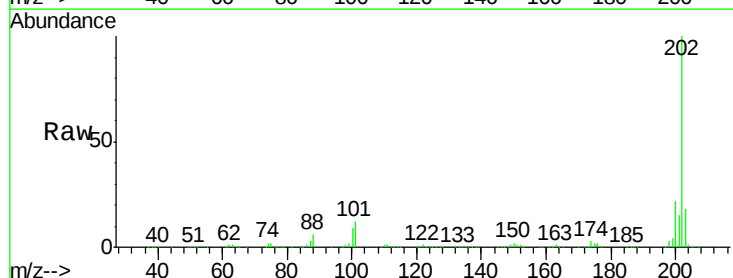
Tgt Ion:202 Resp: 1578413

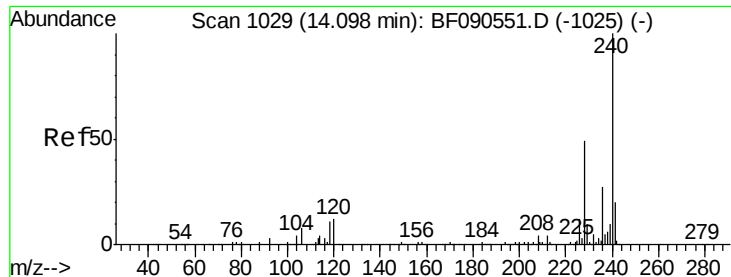
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.1

203 18.2 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: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

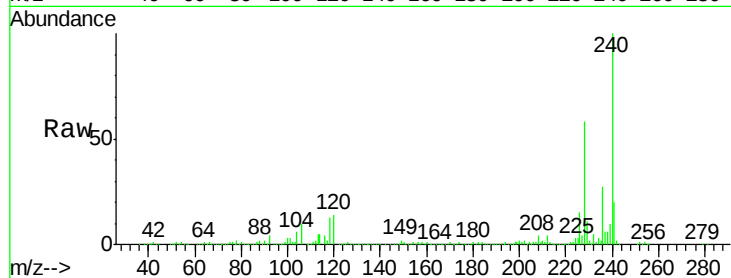
ClientSampleId :

ICVBF101316

Tot Ion:	240	Resp:	619488
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.8	14.8
236	27.5	21.7	32.5

Manual Integrations
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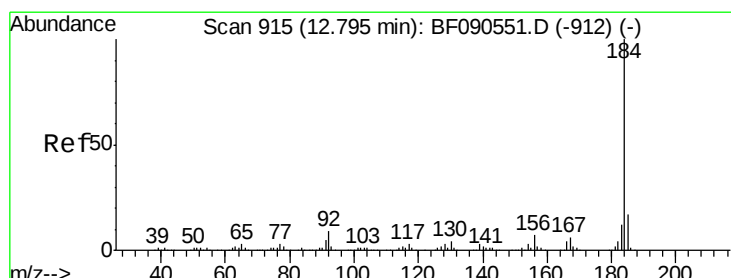
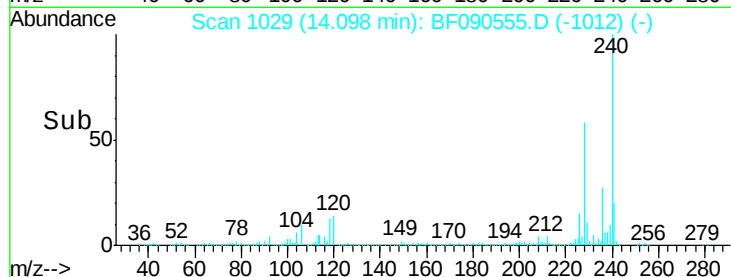
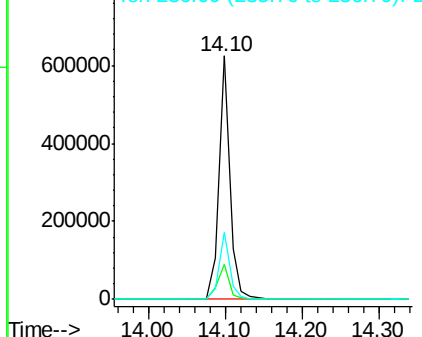
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.59 ng

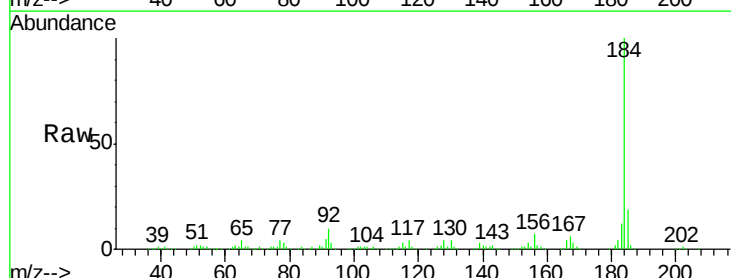
RT: 12.80 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

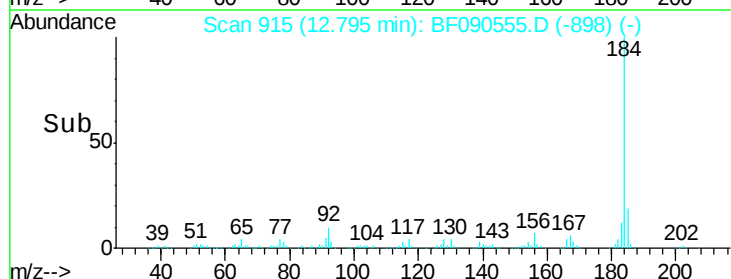
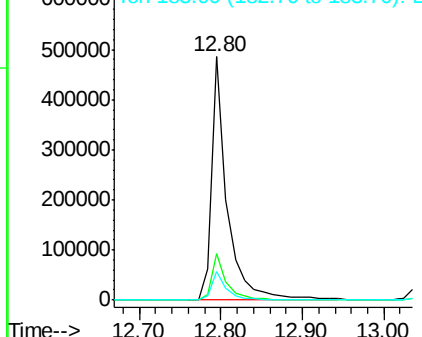
Tgt Ion:	184	Resp:	656429
Ion Ratio	Lower	Upper	
184	100		
185	19.1	13.4	20.0
183	11.6	9.4	14.0

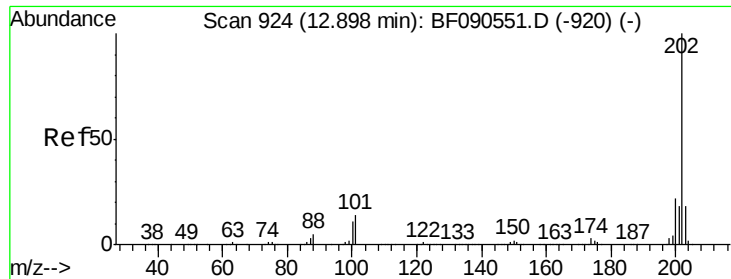


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





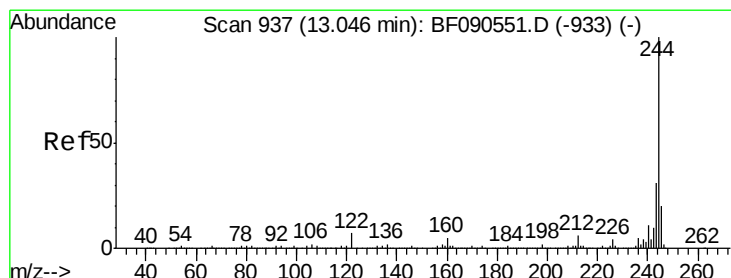
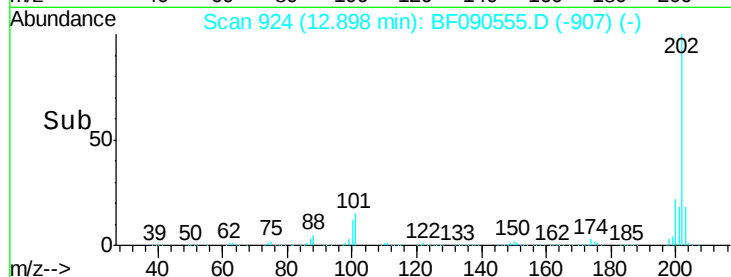
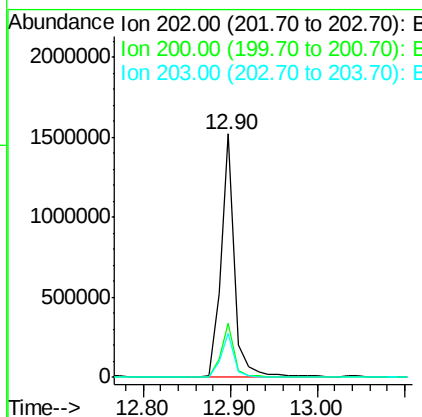
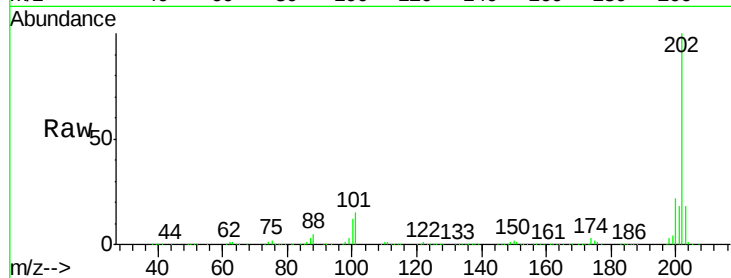
#77
Pvrene
Concen: 40.41 ng
RT: 12.90 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.3	14.6	21.8

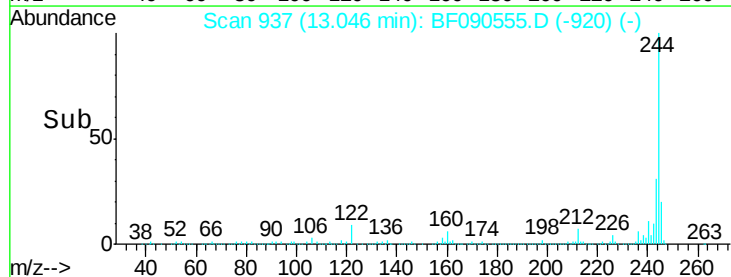
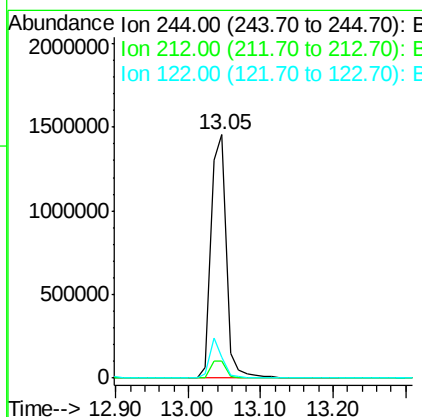
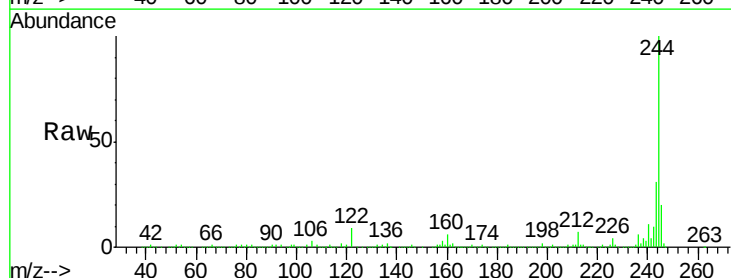
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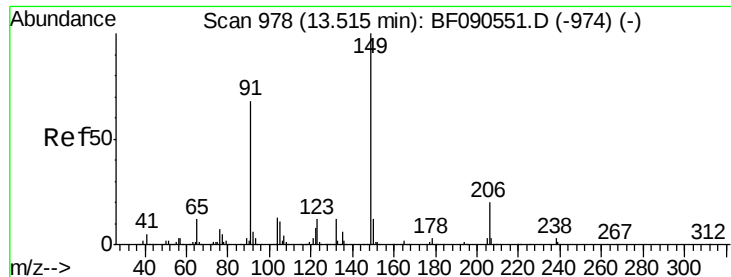
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#78
Terphenyl-d14
Concen: 79.73 ng
RT: 13.05 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	8.6	5.6	8.4





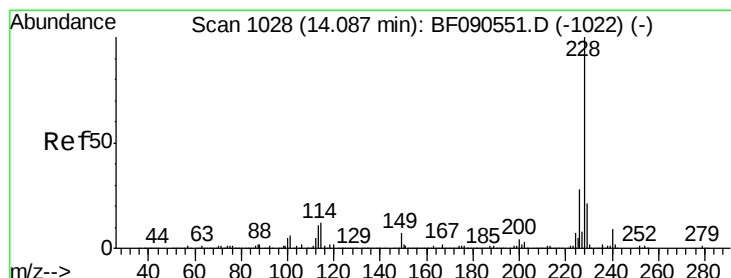
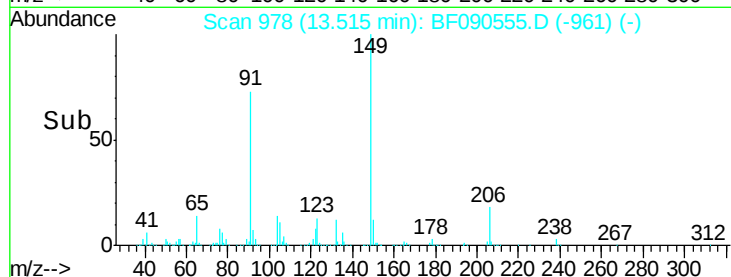
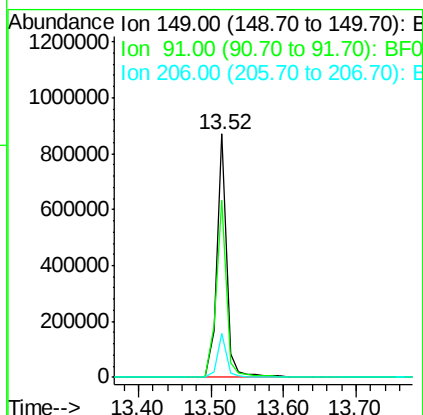
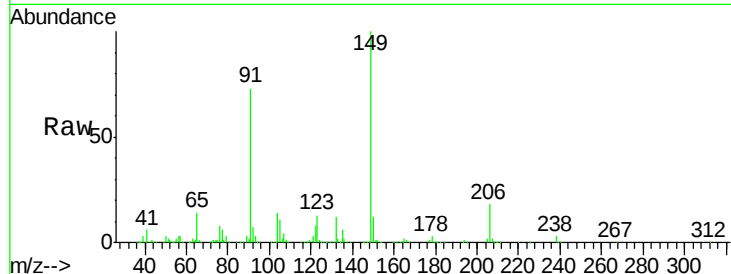
#79
Butylbenzylphthalate
Concen: 45.18 ng
RT: 13.52 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	54.3	81.5
206	17.9	15.8	23.6

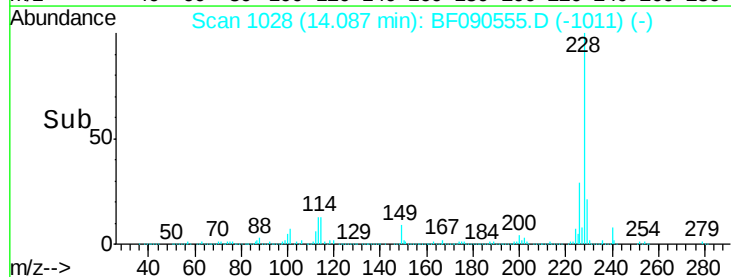
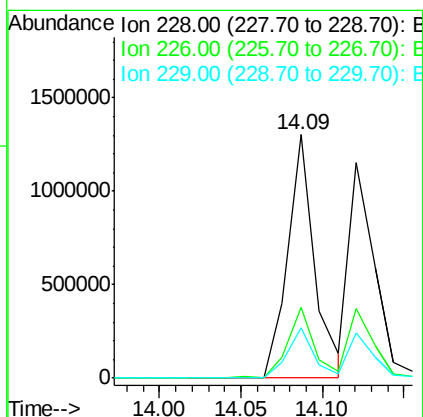
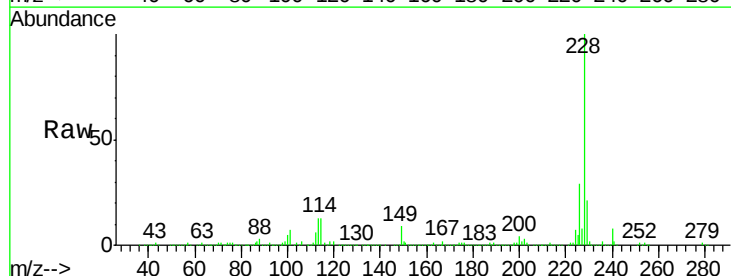
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#80
Benzo(a)anthracene
Concen: 42.80 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	20.8	16.6	25.0





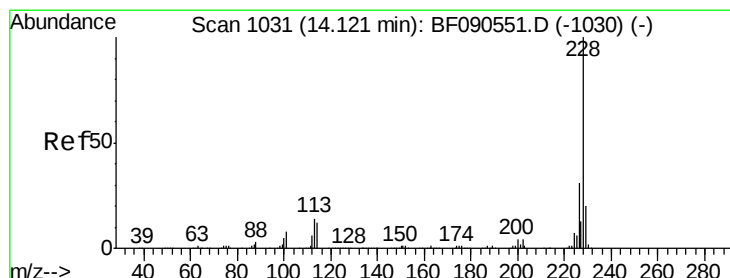
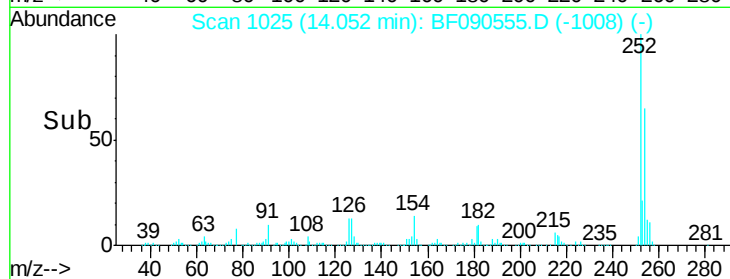
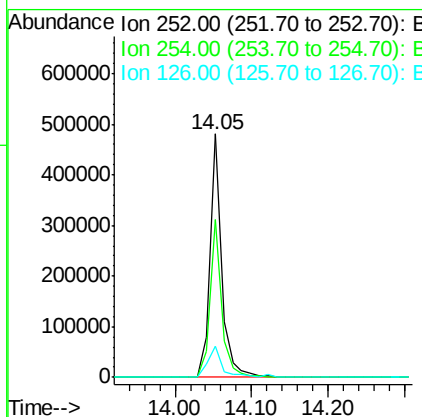
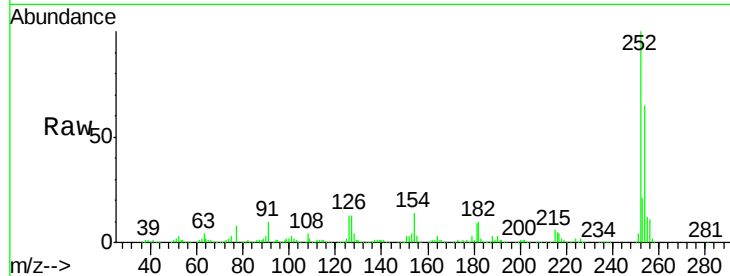
#81
 3,3'-Dichlorobenzidine
 Concen: 41.78 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	12.9	9.3	13.9

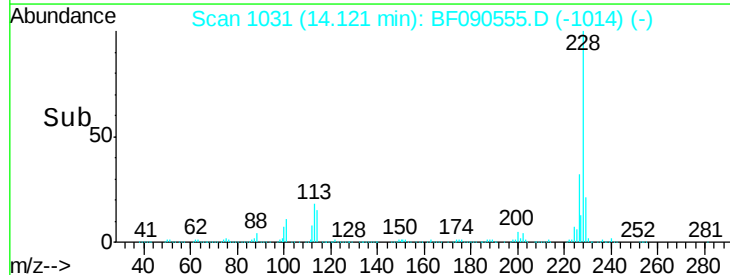
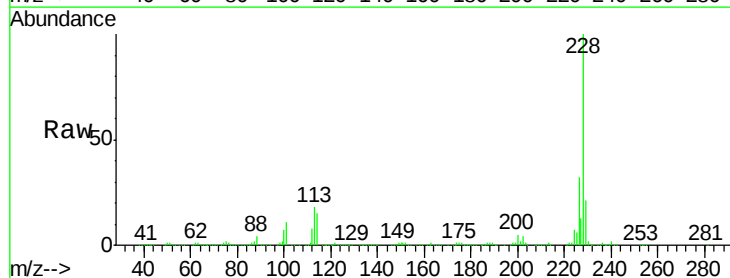
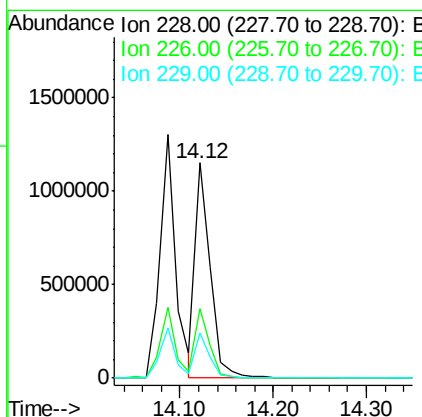
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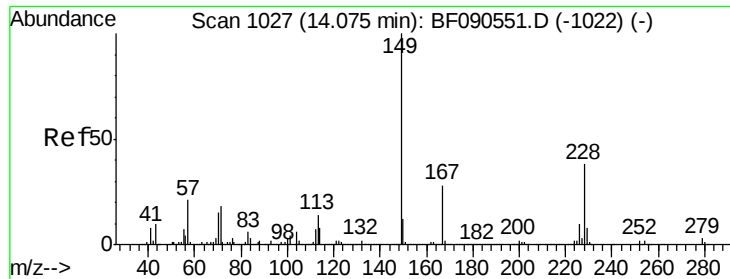
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#82
 Chrysene
 Concen: 38.43 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.8	16.2	24.4





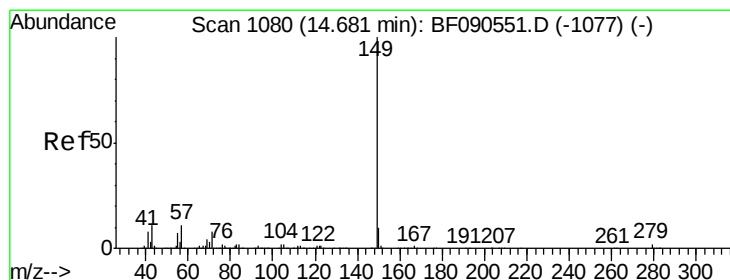
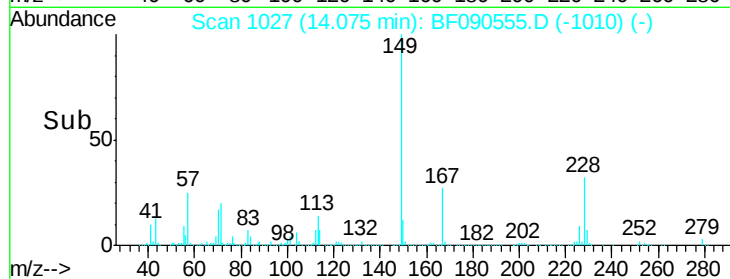
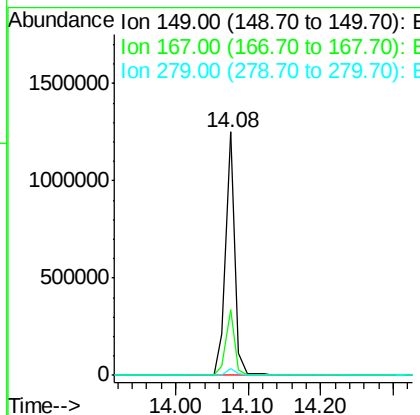
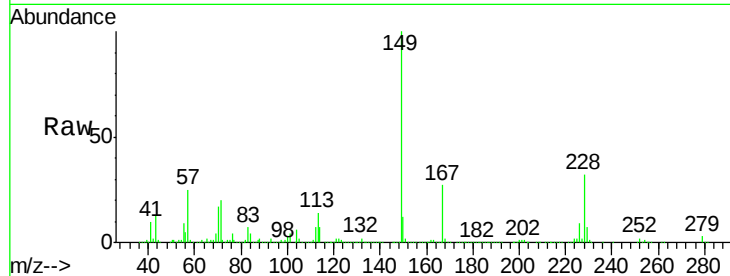
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.26 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion:149 Resp: 1110018
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 2.9 2.6 4.0

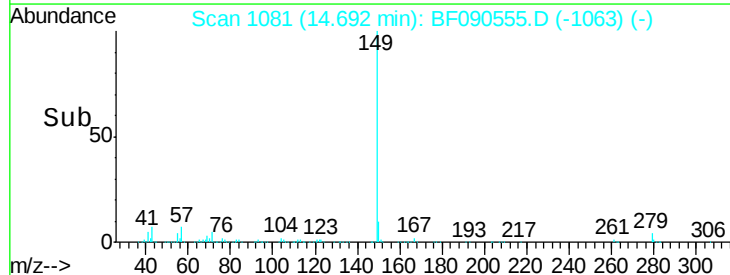
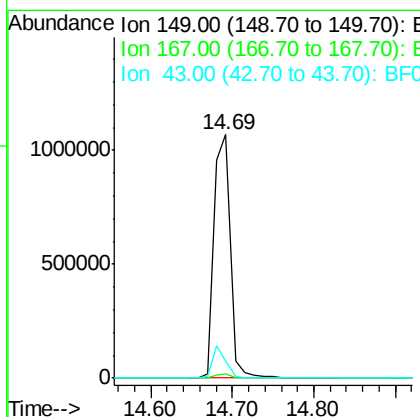
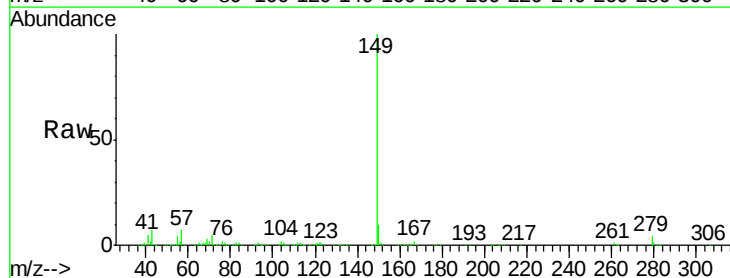
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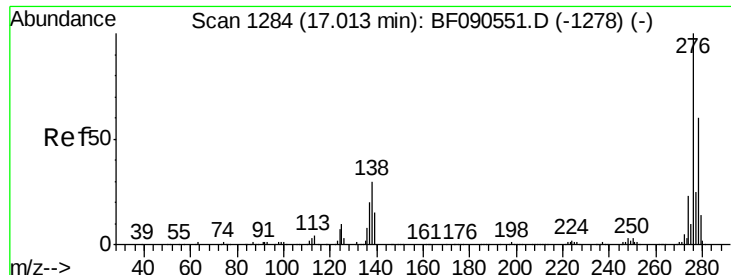
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#84
 Di-n-octyl phthalate
 Concen: 45.67 ng
 RT: 14.69 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:149 Resp: 1501778
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 6.7 10.1#





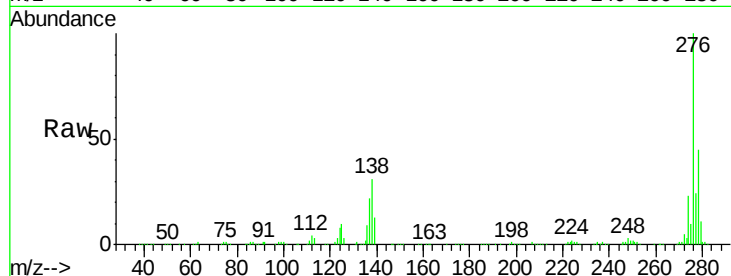
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.62 ng
RT: 17.01 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

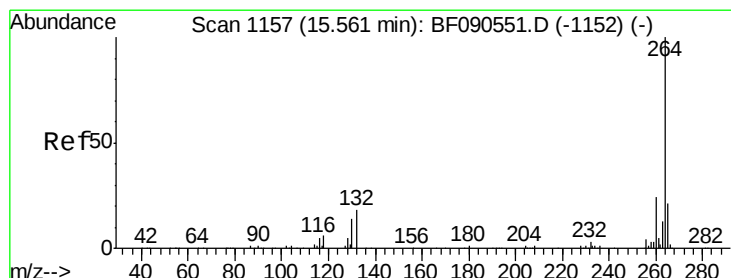
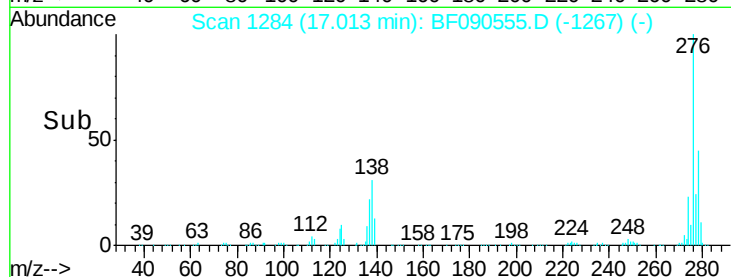
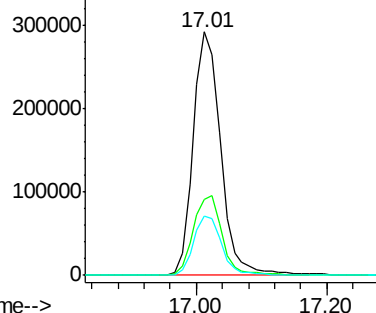
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.8	38.6
277	25.1	20.1	30.1

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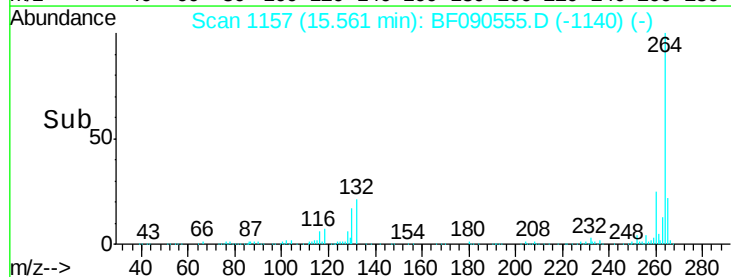
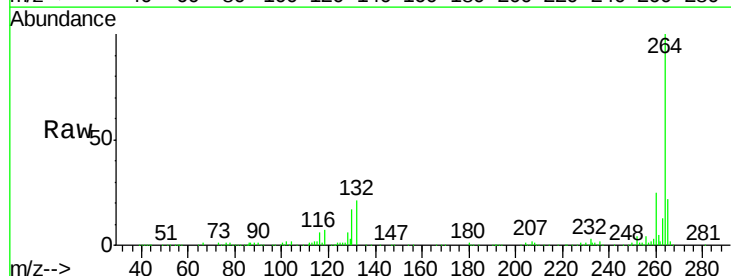
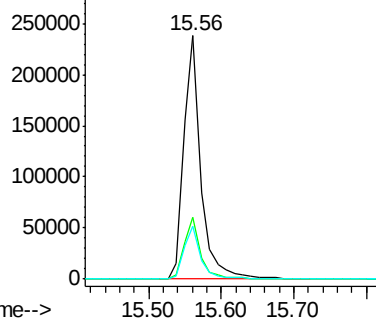
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

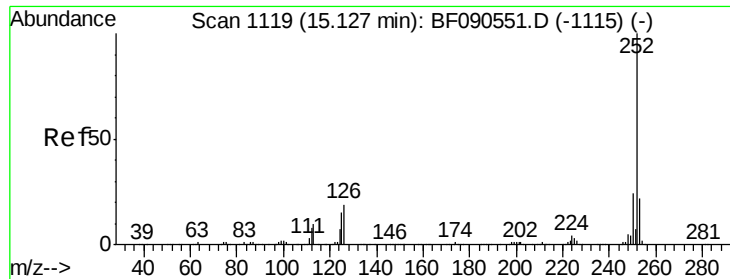


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.5	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





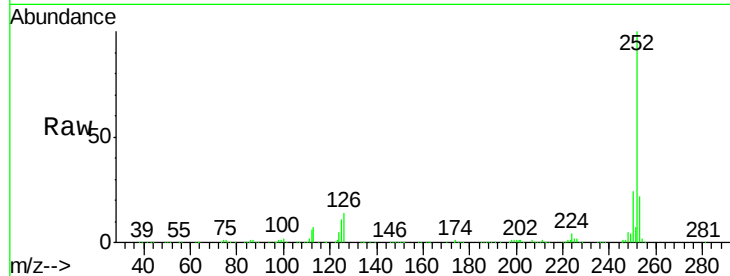
#87
Benzo(b)fluoranthene
Concen: 44.43 ng
RT: 15.14 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

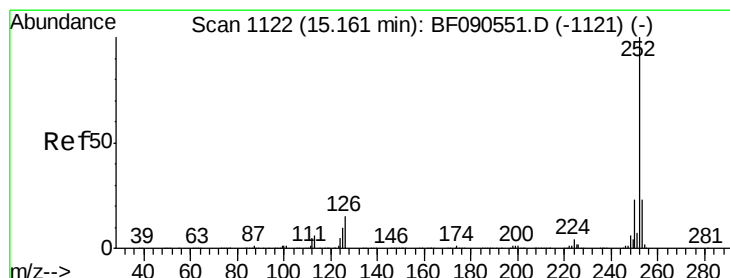
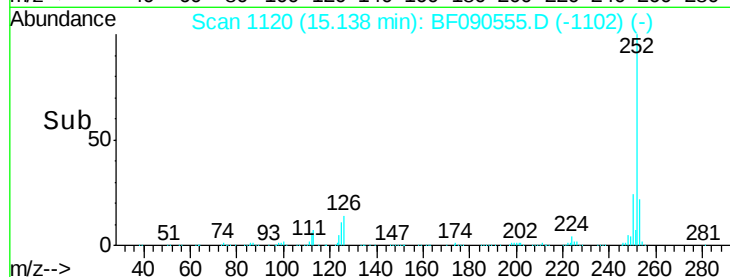
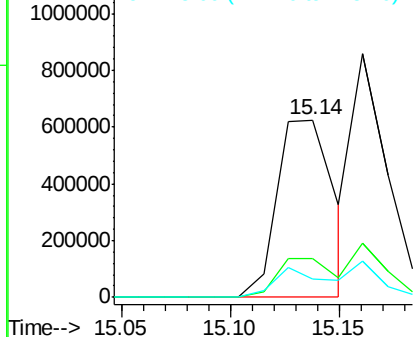
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.5	12.0	18.0

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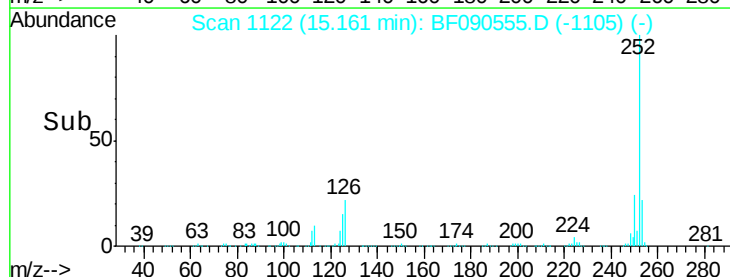
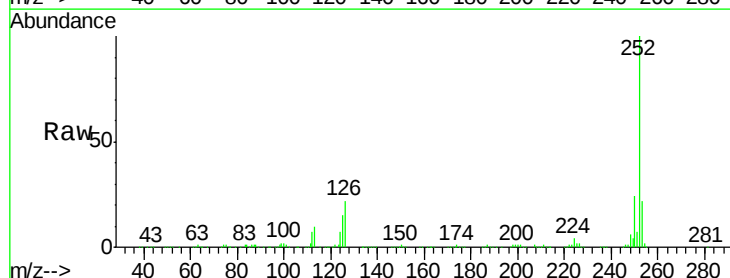
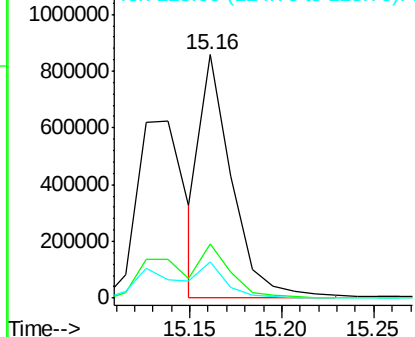
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

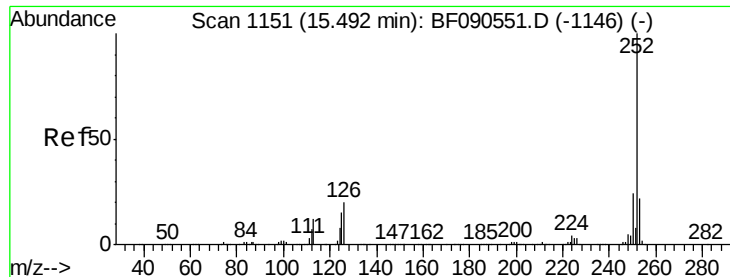


#88
Benzo(k)fluoranthene
Concen: 37.03 ng m
RT: 15.16 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	15.1	10.0	15.0

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





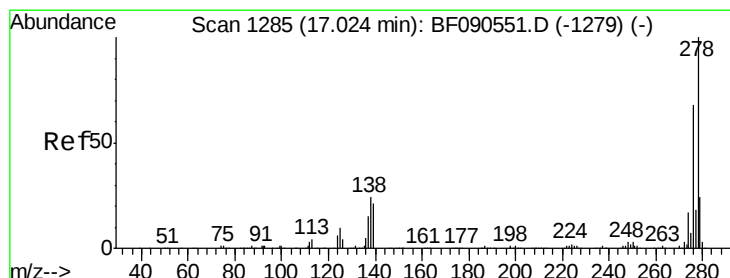
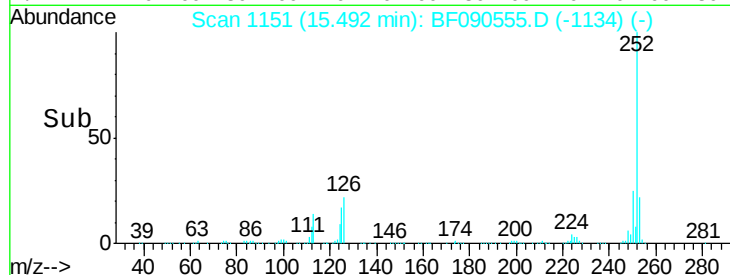
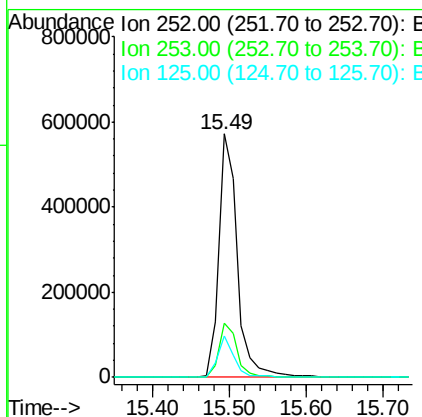
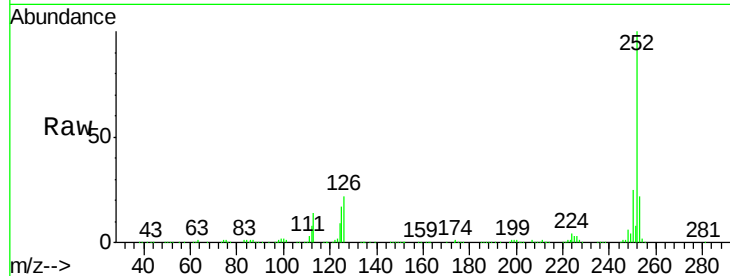
#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	17.2	12.3	18.5

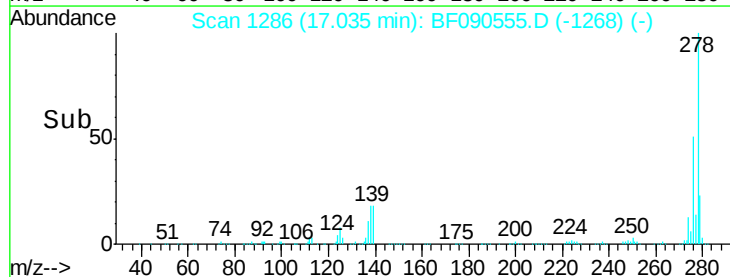
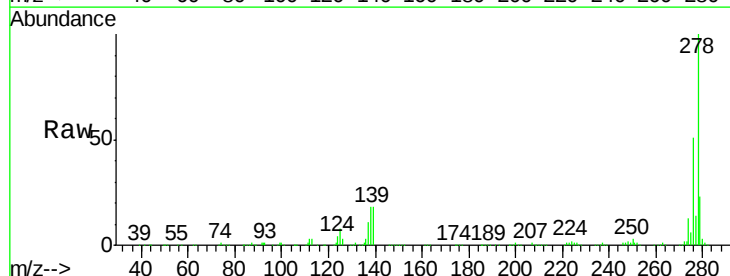
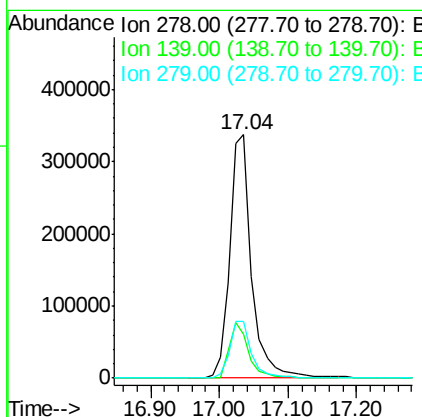
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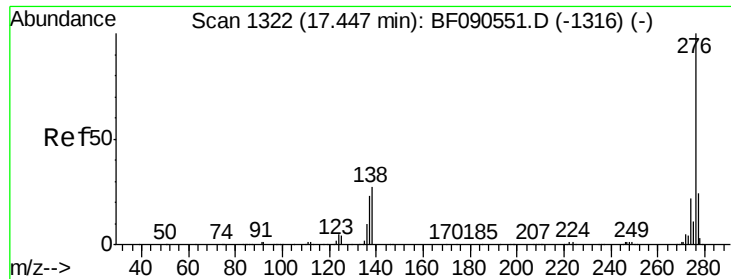
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#90
Dibenzo(a,h)anthracene
Concen: 42.51 ng
RT: 17.04 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.6	25.0
279	23.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 40.65 ng
 RT: 17.45 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tot Ion:	276	Resp:	688151
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	29.8	21.8	32.8

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