

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081349.D
 Acq On : 2 Sep 2015 15:29
 Operator : UM/IZ
 Sample : G3480-19MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/3/2015 1:43:52 PM

Quant Time: Sep 02 23:58:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60440	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	230682	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	103338	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	200891	20.00	ng	0.00
75) Chrysene-d12	13.50	240	159064	20.00	ng	0.00
86) Perylene-d12	14.80	264	110730	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.94	112	366706	94.13	ng	0.01
7) Phenol-d6	6.06	99	507049	98.33	ng	0.00
23) Nitrobenzene-d5	6.97	82	333876	69.83	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	98197	106.72	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	545573	67.66	ng	0.00
78) Terphenyl-d14	12.47	244	474254	69.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.76	88	35440	20.26	ng	# 94
4) n-Nitrosodimethylamine	2.26	42	74549	27.82	ng	# 77
6) Aniline	6.04	93	89724	12.32	ng	# 55
8) 2-Chlorophenol	6.17	128	136207	31.73	ng	# 86
9) Benzaldehyde	5.92	77	22540	6.98	ng	# 72
10) Phenol	6.07	94	207854	34.76	ng	# 59
11) bis(2-Chloroethyl)ether	6.14	93	129934	30.12	ng	# 85
12) 1,3-Dichlorobenzene	6.32	146	122539	26.72	ng	# 86
13) 1,4-Dichlorobenzene	6.41	146	127174	27.23	ng	# 95
14) 1,2-Dichlorobenzene	6.56	146	129876m	30.89	ng	# 80
15) Benzyl Alcohol	6.56	79	132973	31.44	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.70	45	266719	32.25	ng	# 79
17) 2-Methylphenol	6.68	107	113275	33.07	ng	# 83
18) Hexachloroethane	6.90	117	51526	28.36	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	114203	32.54	ng	# 87
20) 3+4-Methylphenols	6.84	107	148696	32.20	ng	# 82
22) Acetophenone	6.82	105	207060	32.86	ng	# 59
24) Nitrobenzene	6.98	77	140976	28.39	ng	# 85
25) Isophorone	7.23	82	278860	31.36	ng	# 27
26) 2-Nitrophenol	7.30	139	64261	29.69	ng	# 81
27) 2,4-Dimethylphenol	7.37	122	122144	32.68	ng	# 93
28) bis(2-Chloroethoxy)methane	7.46	93	173628	33.80	ng	# 96
29) 2,4-Dichlorophenol	7.55	162	109725	33.85	ng	# 97
30) 1,2,4-Trichlorobenzene	7.62	180	105390	29.93	ng	# 98
31) Naphthalene	7.70	128	403442	32.79	ng	# 56
32) Benzoic acid	7.48	122	30390	13.33	ng	# 76
33) 4-Chloroaniline	7.76	127	103549	20.64	ng	# 97
34) Hexachlorobutadiene	7.83	225	64483	30.09	ng	# 72
35) Caprolactam	8.14	113	29079m	29.25	ng	# 89
36) 4-Chloro-3-methylphenol	8.26	107	124045	34.19	ng	# 98
37) 2-Methylnaphthalene	8.39	142	230706	28.82	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	111105	34.00	ng	# 99
40) Hexachlorocyclopentadiene	8.55	237	103124	64.30	ng	
42) 2,4,6-Trichlorophenol	8.67	196	68650	30.44	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	73968	32.15	ng	# 87
45) 1,1'-Biphenyl	8.86	154	311685	32.78	ng	95
46) 2-Chloronaphthalene	8.87	162	214330	31.22	ng	# 84
47) 2-Nitroaniline	8.98	65	103727	37.07	ng	# 67
48) Acenaphthylene	9.28	152	360396	29.59	ng	97
49) Dimethylphthalate	9.18	163	397739	49.54	ng	# 97
50) 2,6-Dinitrotoluene	9.23	165	60239	33.06	ng	# 91
51) Acenaphthene	9.45	154	208549	30.10	ng	89
52) 3-Nitroaniline	9.39	138	63331	30.53	ng	# 68
53) 2,4-Dinitrophenol	9.50	184	38605	50.30	ng	# 13
54) Dibenzofuran	9.62	168	318257	31.46	ng	# 83
55) 4-Nitrophenol	9.58	139	81438	62.49	ng	# 1
56) 2,4-Dinitrotoluene	9.62	165	68683	29.60	ng	# 1
57) Fluorene	9.96	166	274538	35.76	ng	95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	61521	35.02	ng	# 88
59) Diethylphthalate	9.87	149	274086	32.45	ng	100
60) 4-Chlorophenyl-phenylether	9.96	204	124377	34.76	ng	# 86
61) 4-Nitroaniline	10.00	138	63170	30.14	ng	# 23
62) Azobenzene	10.12	77	332635	35.43	ng	88
64) 4,6-Dinitro-2-methylphenol	10.03	198	35694	31.77	ng	# 77
65) n-Nitrosodiphenylamine	10.09	169	245577	33.59	ng	92
66) 4-Bromophenyl-phenylether	10.44	248	63088	31.06	ng	# 81
67) Hexachlorobenzene	10.50	284	70569	33.23	ng	# 91
68) Atrazine	10.63	200	63113	29.84	ng	83
69) Pentachlorophenol	10.71	266	70197	69.22	ng	98
70) Phenanthrene	10.91	178	344111	30.81	ng	98
71) Anthracene	10.96	178	371413	32.37	ng	98
72) Carbazole	11.12	167	322643	29.96	ng	96
73) Di-n-butylphthalate	11.47	149	397978	31.30	ng	# 97
74) Fluoranthene	12.09	202	363132	30.03	ng	83
77) Pyrene	12.30	202	372014	31.57	ng	98
79) Butylbenzylphthalate	12.95	149	160411	31.30	ng	# 68
80) Benzo(a)anthracene	13.49	228	303877	30.00	ng	97
81) 3,3'-Dichlorobenzidine	13.46	252	83330	24.39	ng	# 94
82) Chrysene	13.52	228	296395	32.64	ng	96
83) Bis(2-ethylhexyl)phthalate	13.52	149	222905	32.96	ng	# 90
84) Di-n-octyl phthalate	14.13	149	358086	32.16	ng	96
85) Indeno(1,2,3-cd)pyrene	15.89	276	185389	27.83	ng	# 86
87) Benzo(b)fluoranthene	14.47	252	213343m	26.99	ng	
88) Benzo(k)fluoranthene	14.49	252	210782m	32.13	ng	
89) Benzo(a)pyrene	14.75	252	207649	31.00	ng	# 84
90) Dibenzo(a,h)anthracene	15.90	278	158899	30.70	ng	# 81
91) Benzo(g,h,i)perylene	16.21	276	149976	30.36	ng	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

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BNA_F

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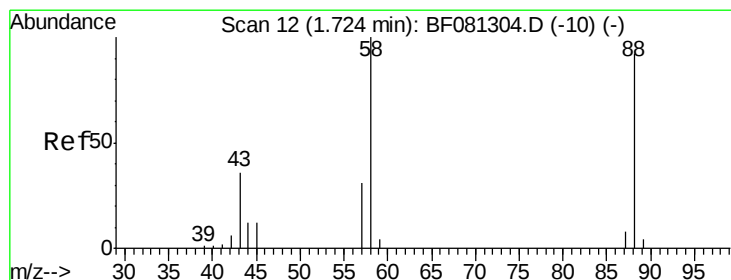
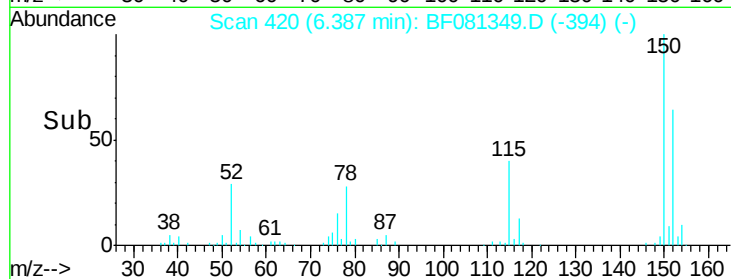
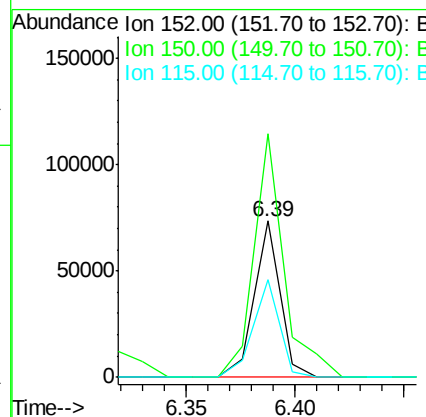
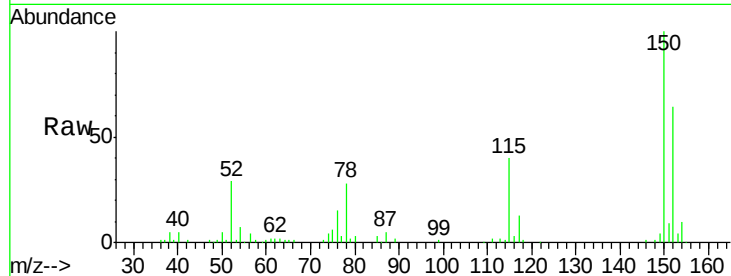
COFF-2-20(0-2)MSD

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	62.6	39.0	58.4



#2

1,4-Dioxane

Concen: 20.26 ng

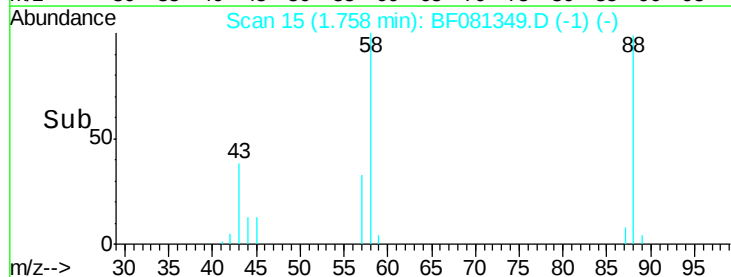
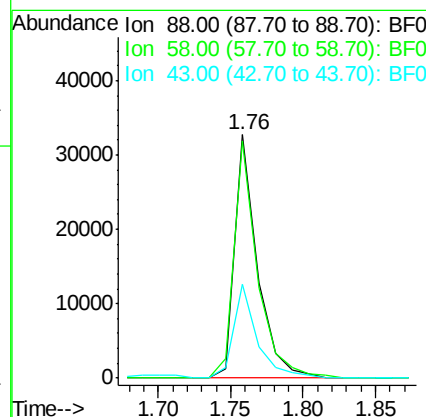
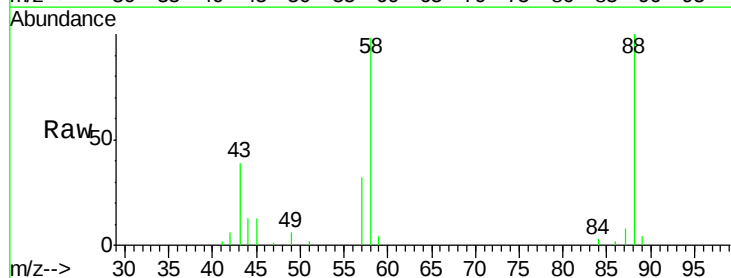
RT: 1.76 min Scan# 15

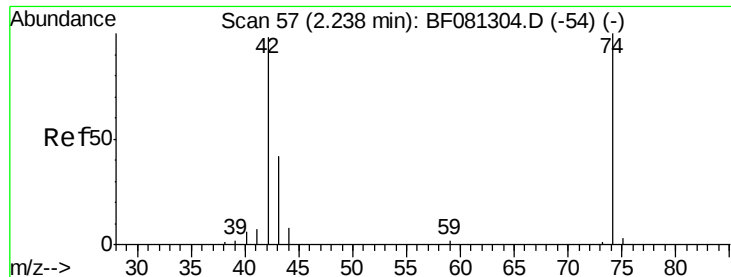
Delta R.T. 0.03 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	77.7	116.5
43	40.3	26.6	40.0





#4

n-Nitrosodimethylamine

Concen: 27.82 ng

RT: 2.26 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

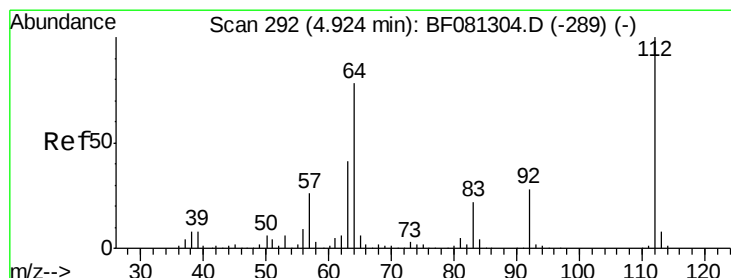
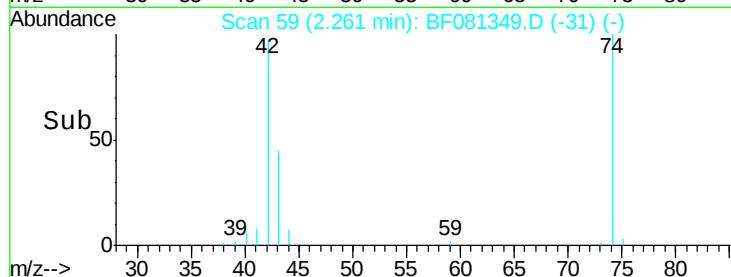
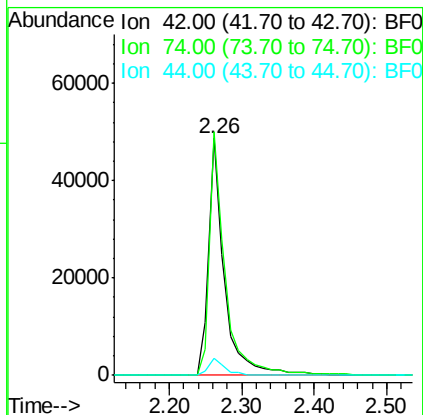
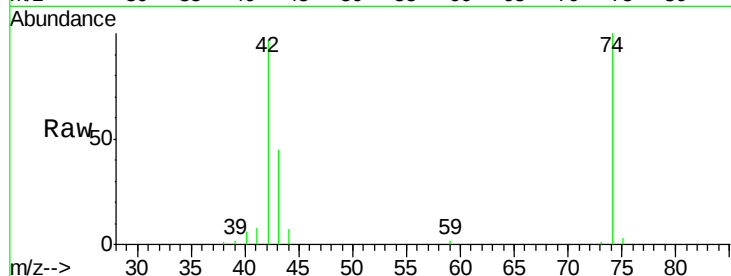
COFF-2-20(0-2)MSD

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Tgt Ion:	42	Resp:	74549
Ion Ratio	Lower	Upper	
42	100		
74	102.9	105.0	157.6#
44	7.3	6.6	10.0



#5

2-Fluorophenol

Concen: 94.13 ng

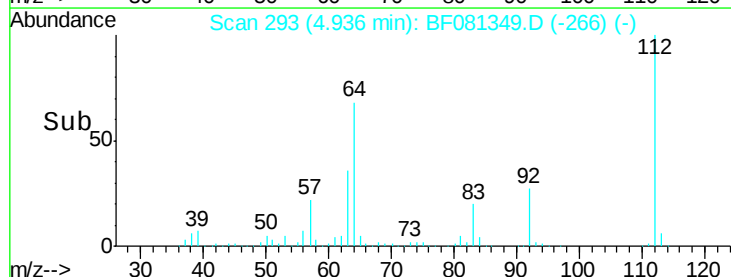
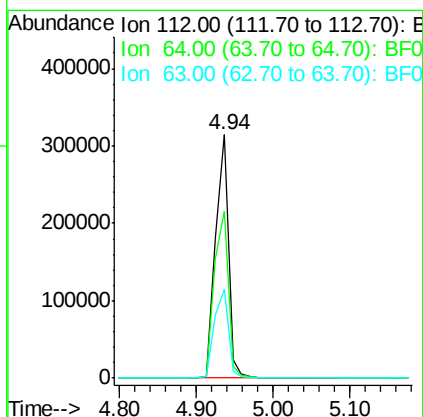
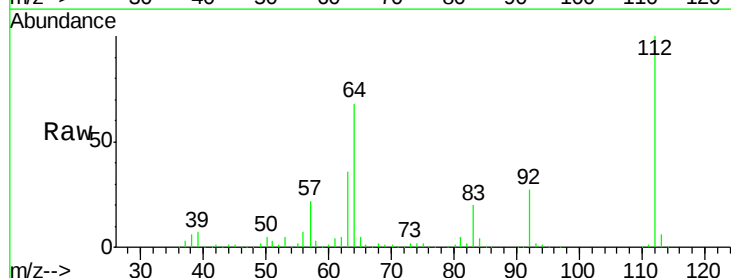
RT: 4.94 min Scan# 293

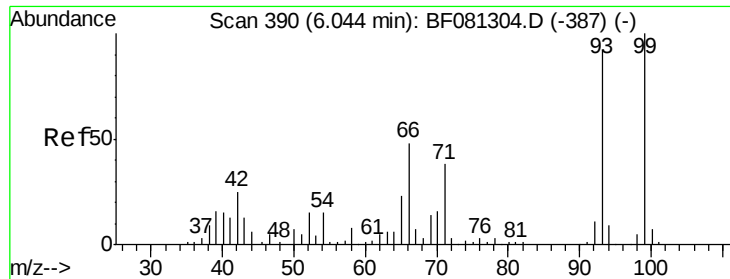
Delta R.T. 0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:	112	Resp:	366706
Ion Ratio	Lower	Upper	
112	100		
64	68.3	39.7	59.5#
63	36.3	17.4	26.0#





#6

Aniline

Concen: 12.32 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF081349.D

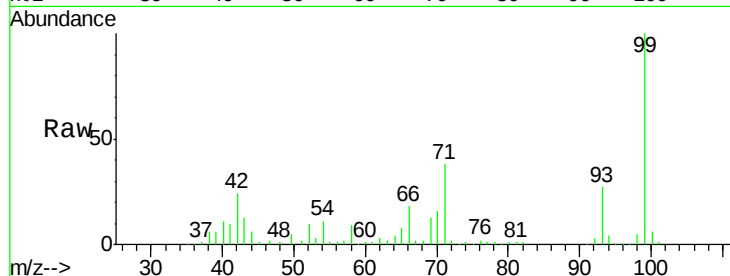
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

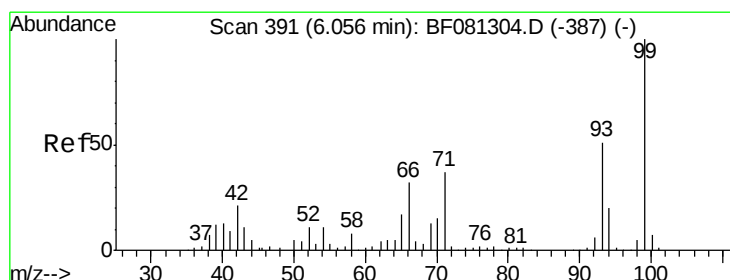
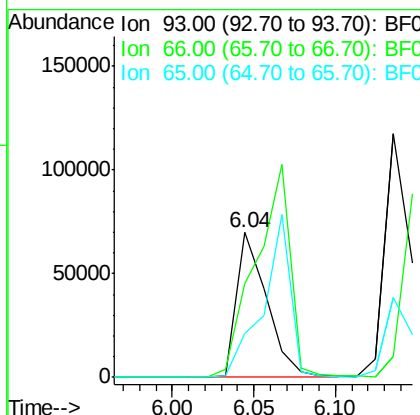
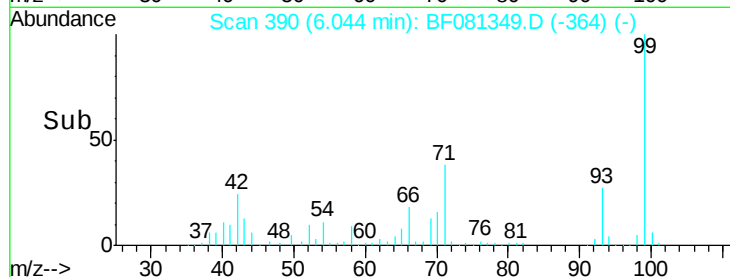
COFF-2-20(0-2)MSD



Tgt Ion:	93	Resp:	89724
Ion Ratio	Lower	Upper	
93	100		
66	65.1	27.2	40.8#
65	30.5	14.7	22.1#

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#7

Phenol-d6

Concen: 98.33 ng

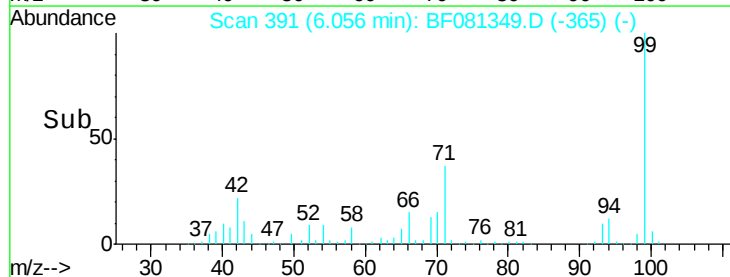
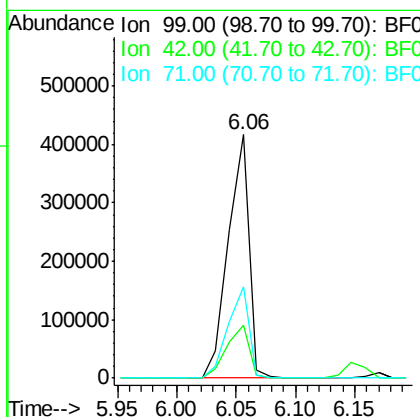
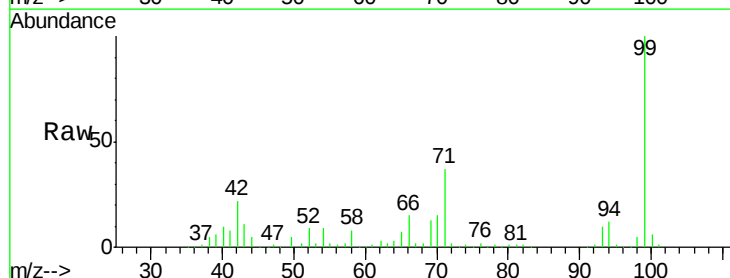
RT: 6.06 min Scan# 391

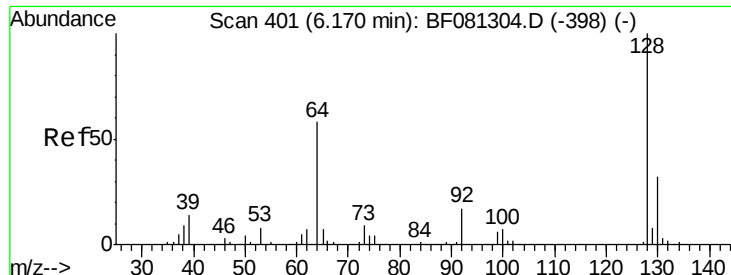
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:	99	Resp:	507049
Ion Ratio	Lower	Upper	
99	100		
42	21.5	13.7	20.5#
71	37.5	14.2	21.2#





#8

2-Chlorophenol

Concen: 31.73 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF081349.D

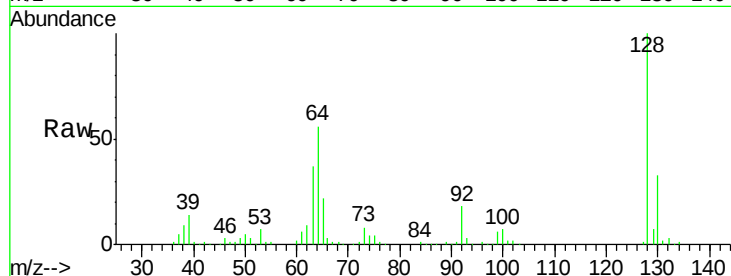
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

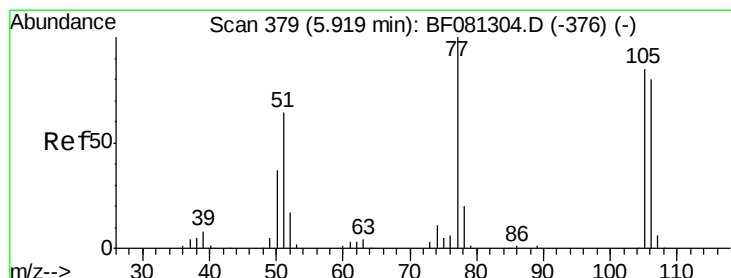
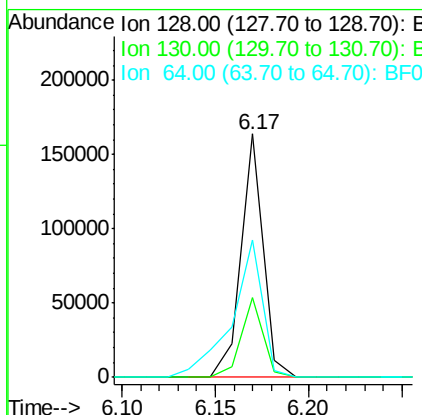
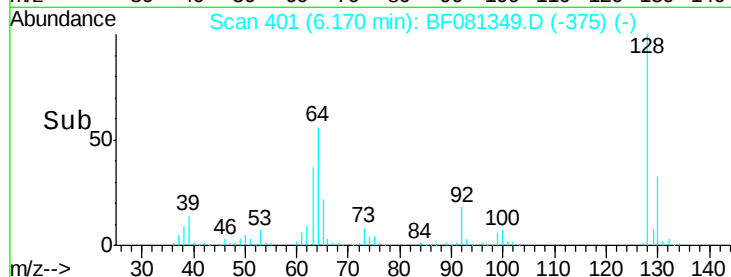
COFF-2-20(0-2)MSD



Tgt Ion:	128	Resp:	136207
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.2	52.2
64	56.2	20.5	60.5

Manual Integrations
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#9

Benzaldehyde

Concen: 6.98 ng

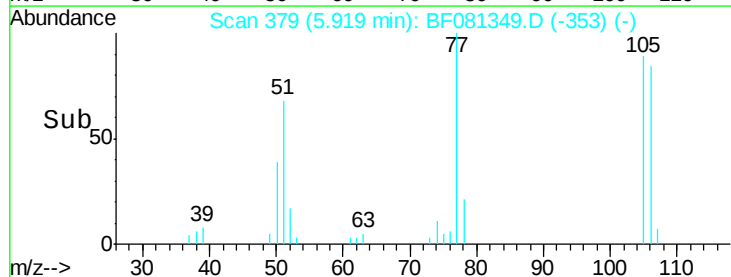
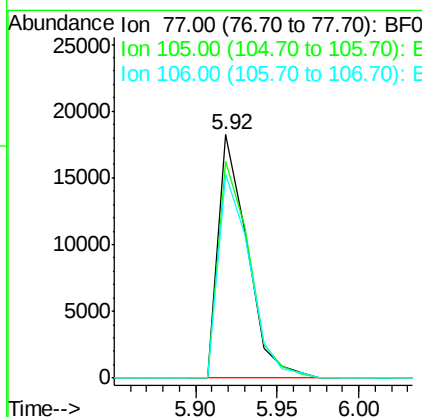
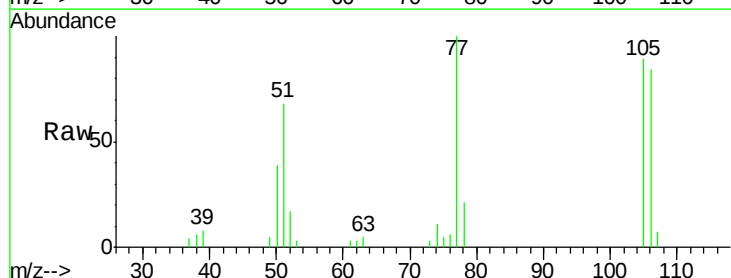
RT: 5.92 min Scan# 379

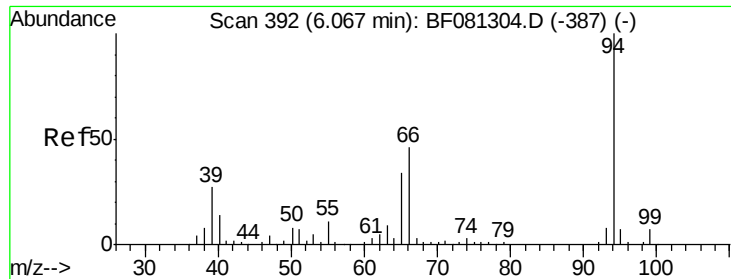
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:	77	Resp:	22540
Ion Ratio	Lower	Upper	
77	100		
105	89.1	91.6	131.6#
106	83.9	102.6	142.6#





#10

Phenol

Concen: 34.76 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD

Tgt Ion: 94 Resp: 207854

Ion Ratio Lower Upper

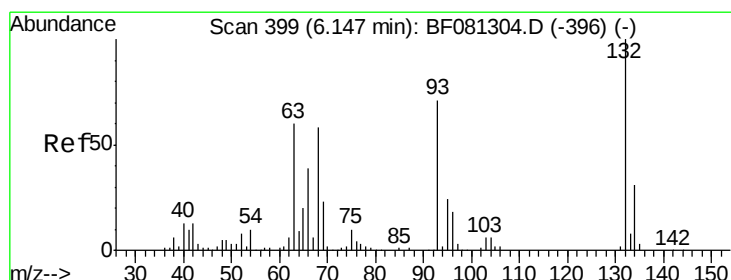
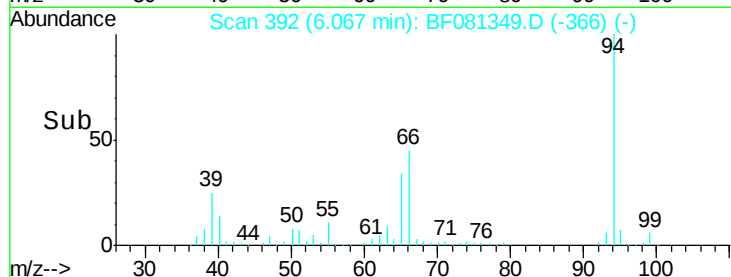
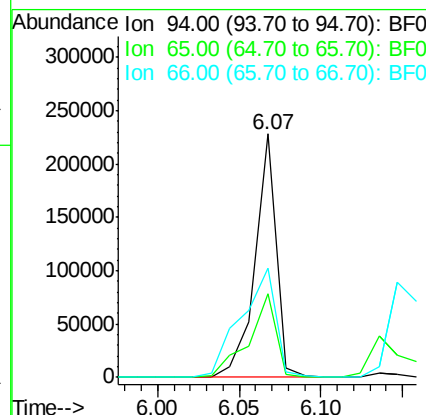
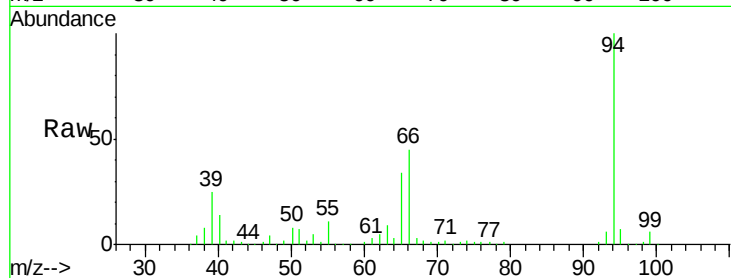
94 100

65 34.4 0.7 40.7

66 45.1 0.8 40.8#

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 30.12 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

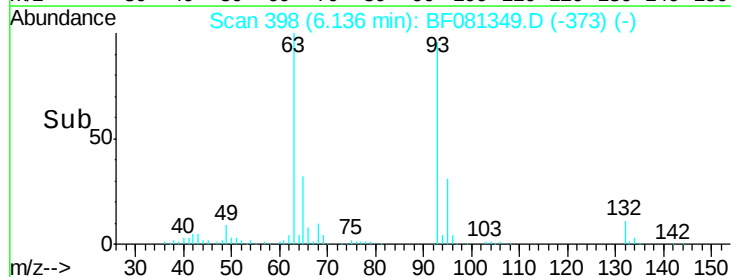
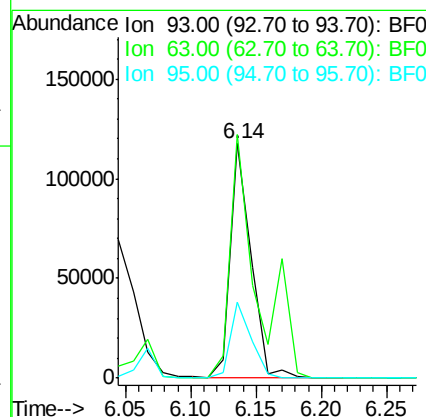
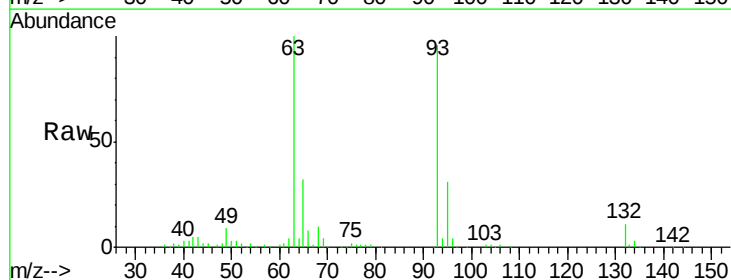
Tgt Ion: 93 Resp: 129934

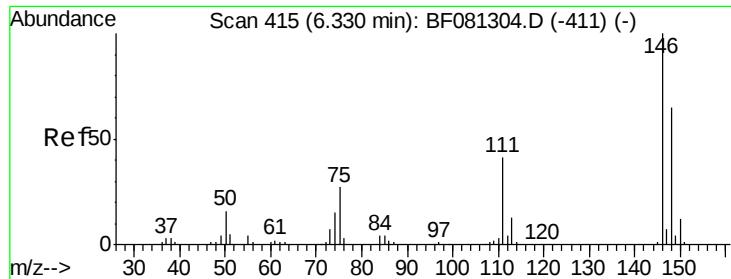
Ion Ratio Lower Upper

93 100

63 104.0 65.6 105.6

95 32.3 13.6 53.6





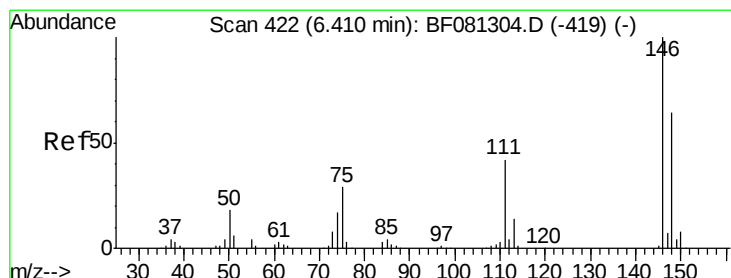
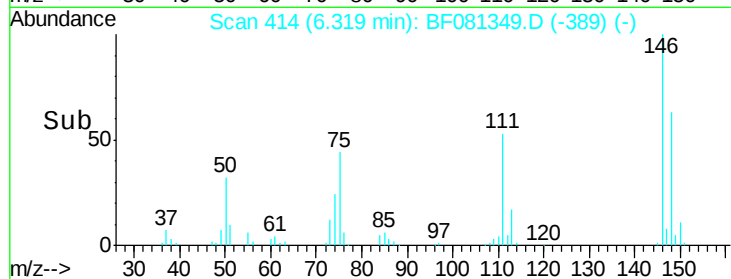
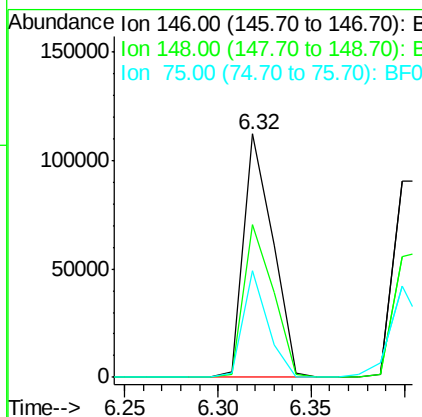
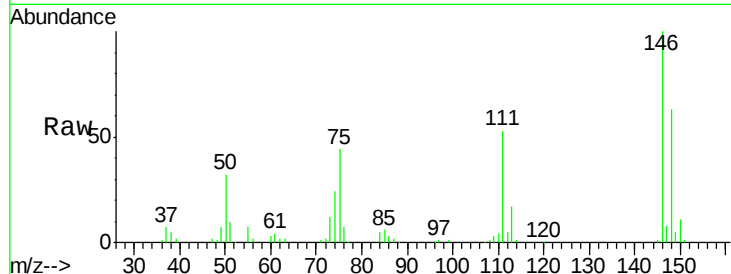
#12
 1,3-Dichlorobenzene
 Concen: 26.72 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.5	51.0	76.4
75	43.6	15.0	22.6

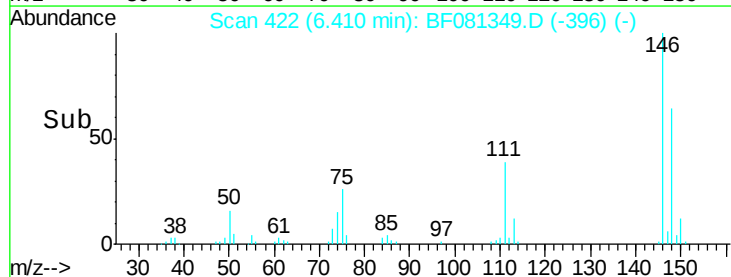
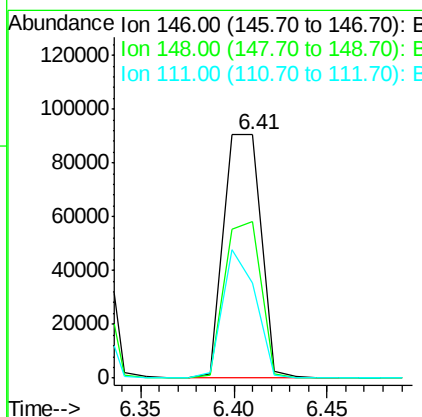
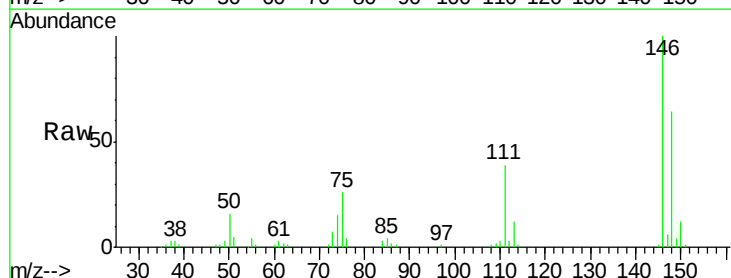
Manual Integrations
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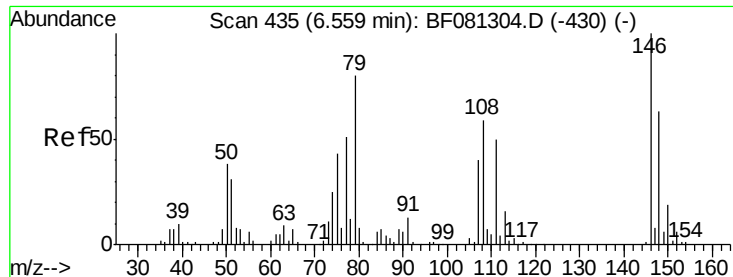
MMDadoda
 9/3/2015 1:43:52 PM



#13
 1,4-Dichlorobenzene
 Concen: 27.23 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.4	51.8	77.6
111	38.9	24.9	37.3





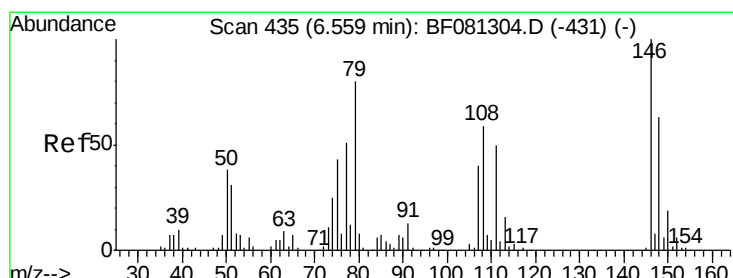
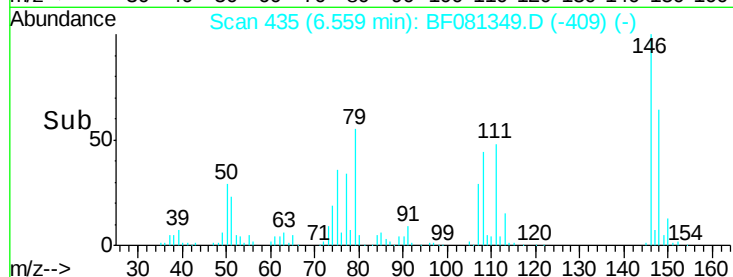
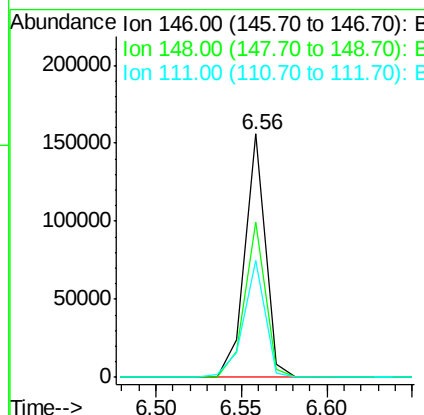
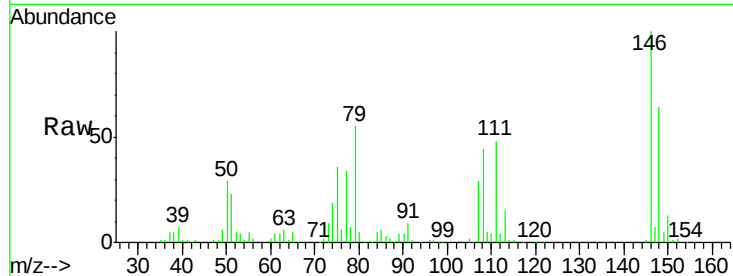
#14
1,2-Dichlorobenzene
Concen: 30.89 ng m
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.7	79.1
111	48.2	28.8	43.2

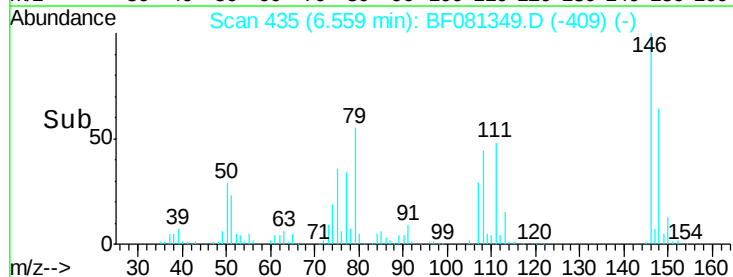
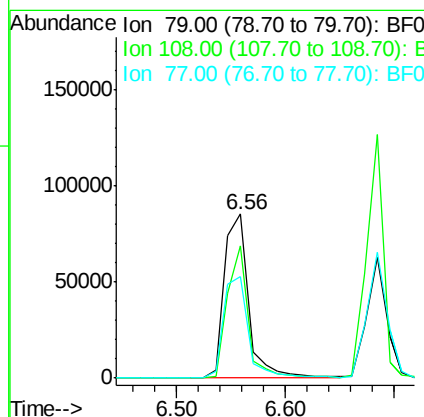
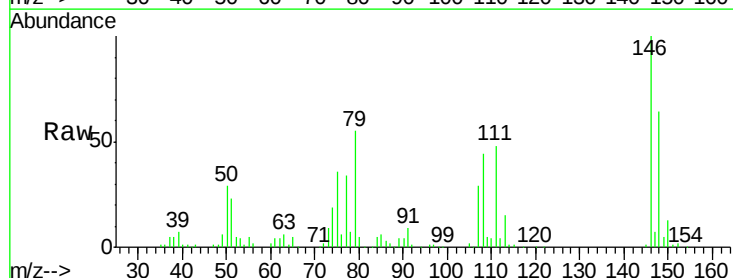
Manual Integrations
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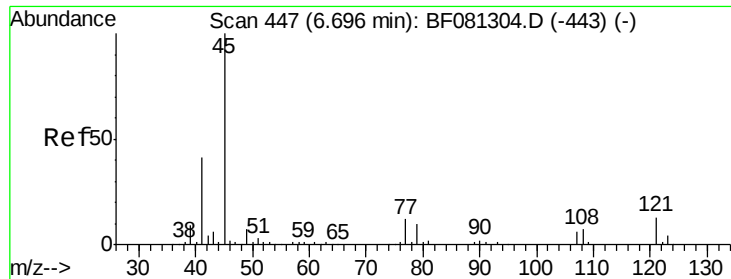
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#15
Benzyl Alcohol
Concen: 31.44 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.2	88.6	132.8
77	62.2	47.0	70.4





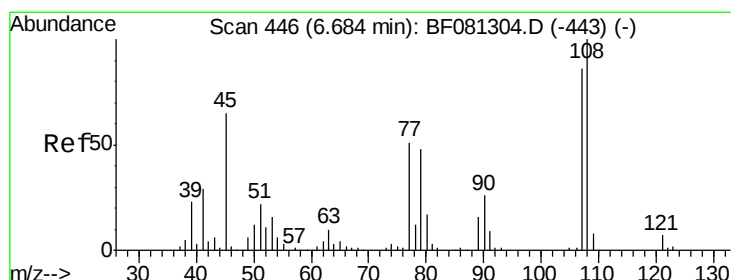
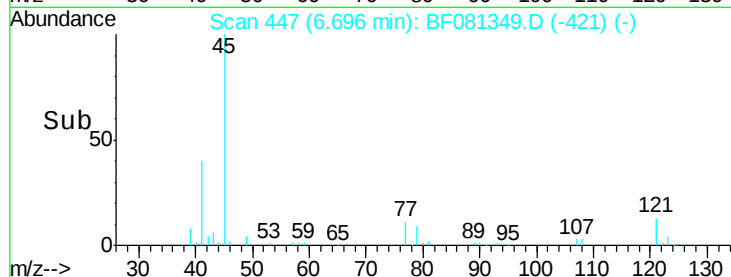
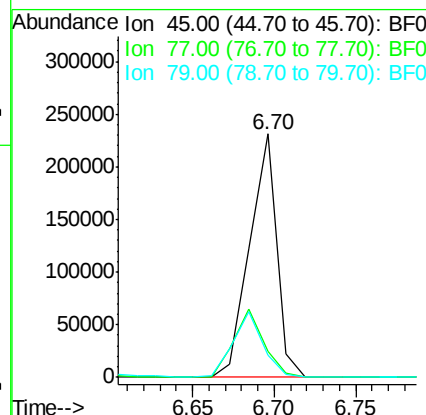
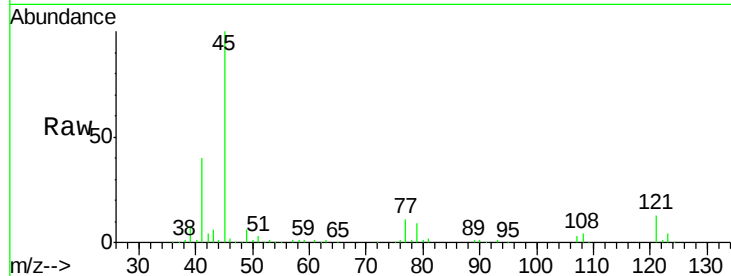
#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.25 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	10.8	0.0	28.1
79	9.2	0.0	26.0

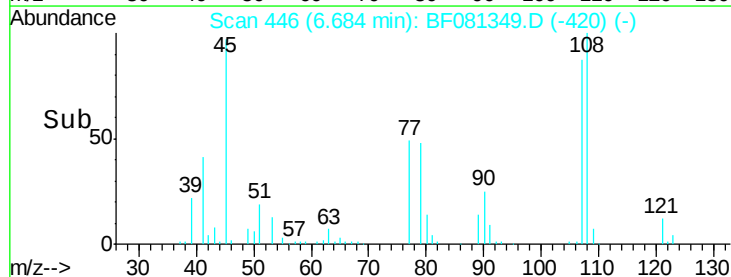
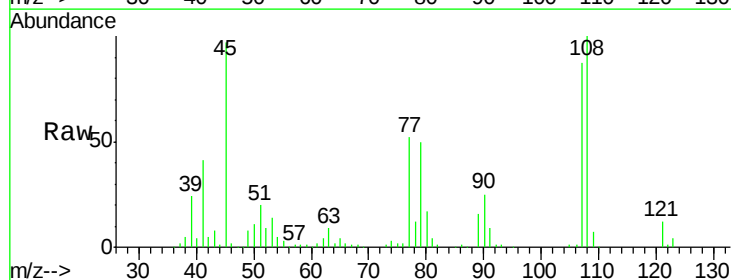
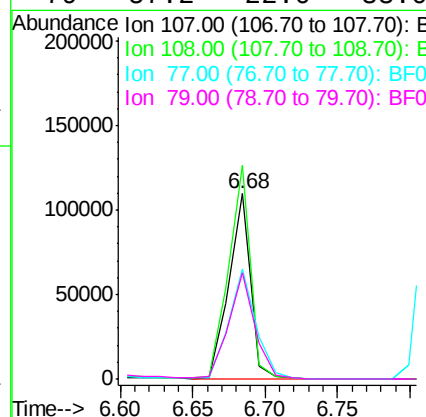
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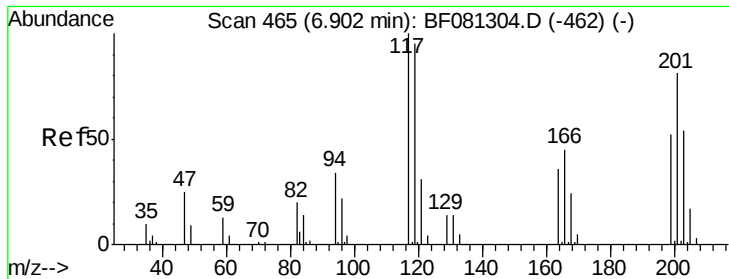
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#17
2-Methylphenol
Concen: 33.07 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

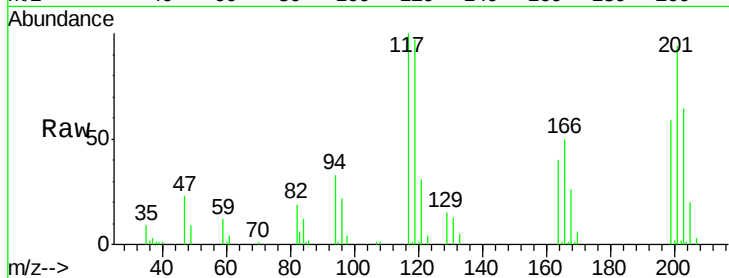
Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.3	96.6	145.0
77	59.5	23.3	34.9#
79	57.2	22.0	33.0#





#18
Hexachloroethane
Concen: 28.36 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

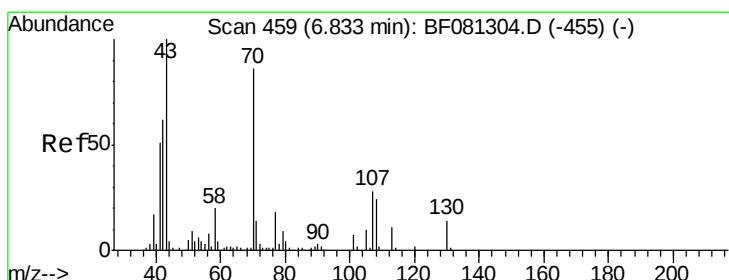
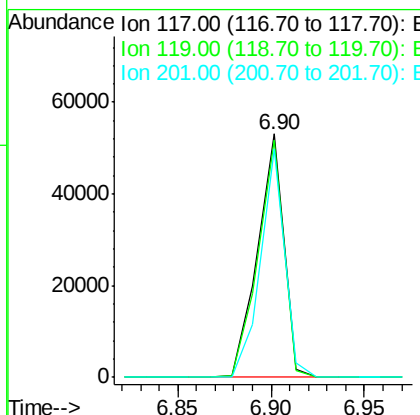
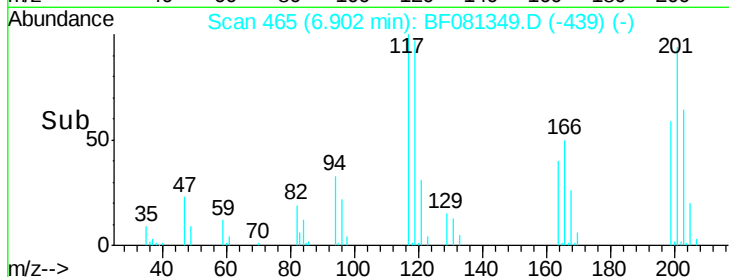
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	83.8	125.6
201	93.8	55.1	82.7#

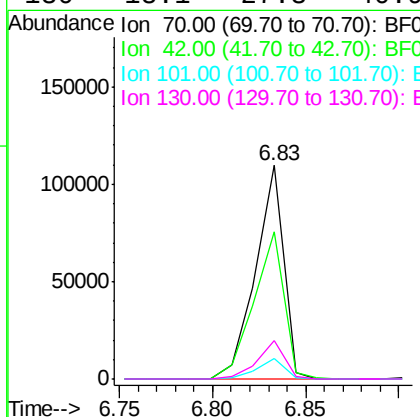
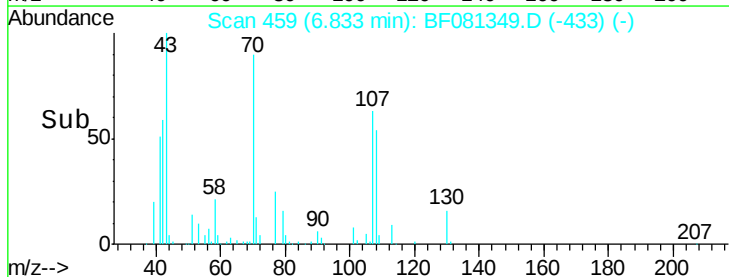
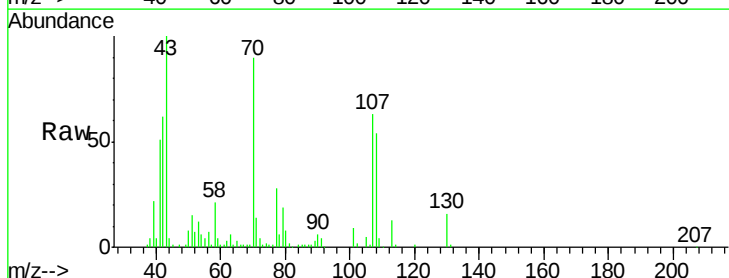
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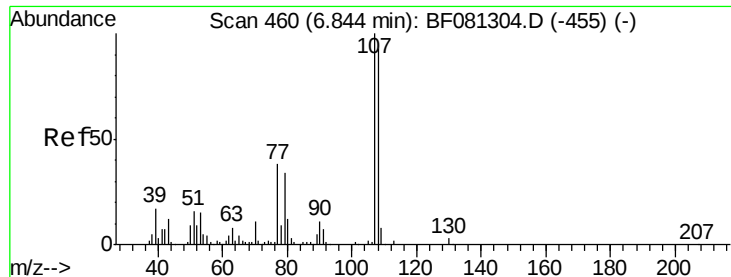
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#19
n-Nitroso-di-n-propylamine
Concen: 32.54 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.7	63.8	95.6
101	9.4	9.2	13.8
130	18.1	27.3	40.9#





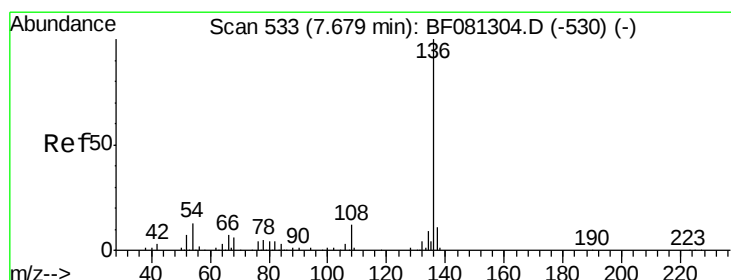
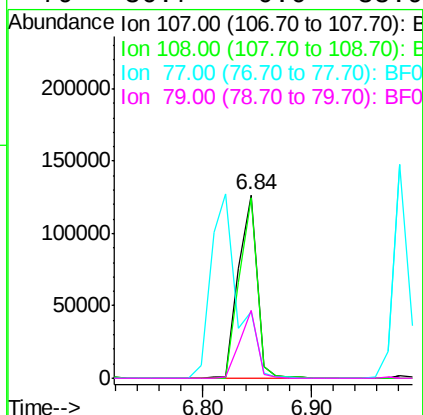
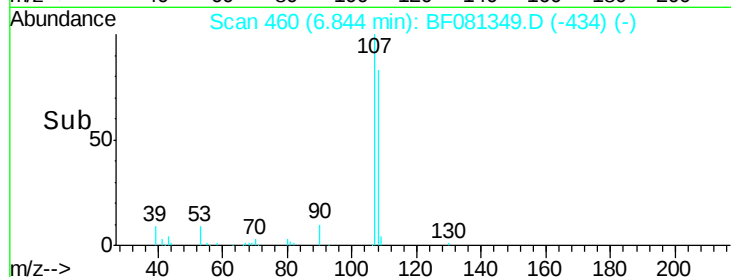
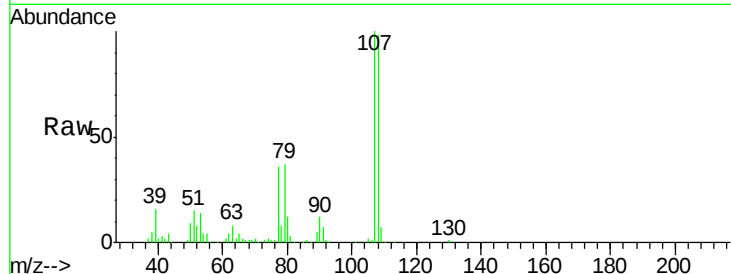
#20
3+4-Methylphenols
Concen: 32.20 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	148696		
108	98.3	74.6	114.6	
77	36.4	0.7	40.7	
79	36.7	0.0	38.9	

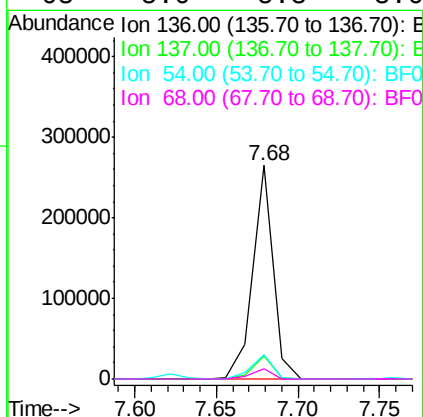
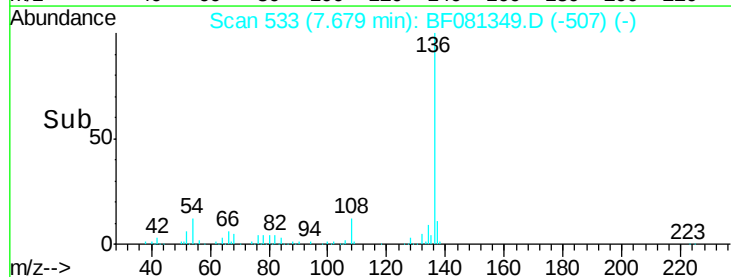
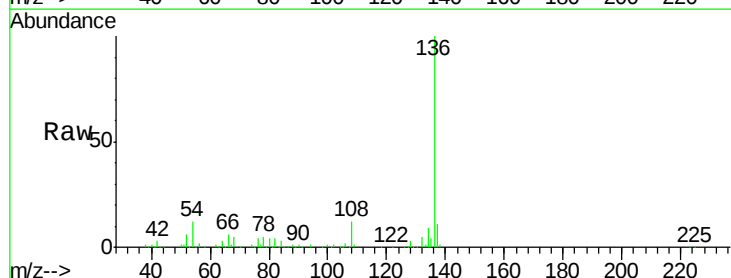
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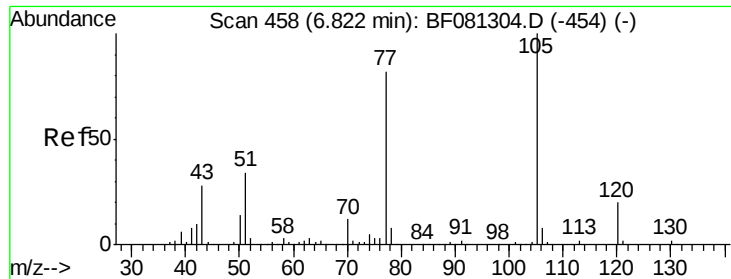
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	230682		
137	10.9	9.0	13.6	
54	11.7	8.2	12.2	
68	5.0	5.8	8.6#	





#22

Acetophenone

Concen: 32.86 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF081349.D

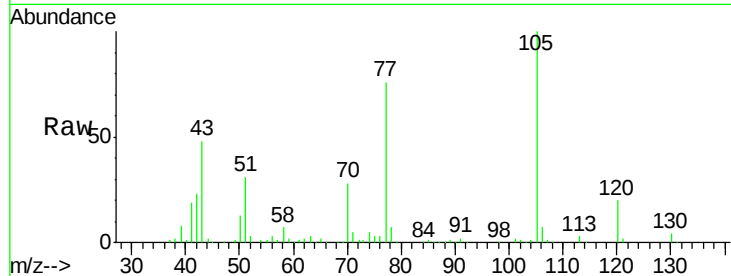
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD



Tgt Ion: 105 Resp: 207060

Ion Ratio Lower Upper

105 100

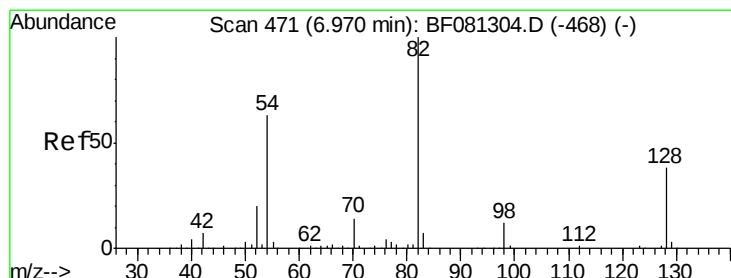
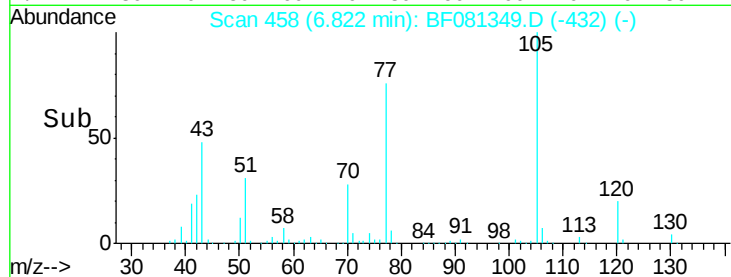
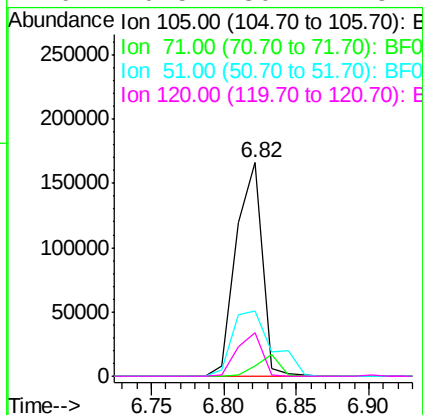
71 4.6 4.7 7.1#

51 30.8 22.0 33.0

120 20.5 30.1 45.1#

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 69.83 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

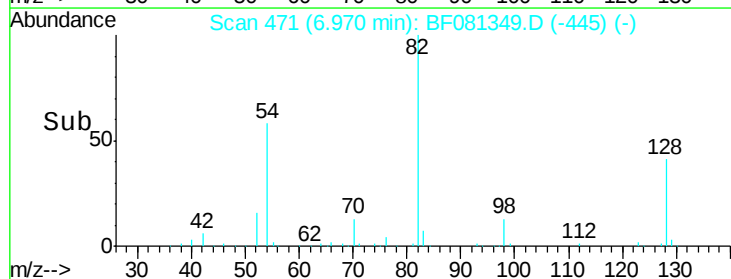
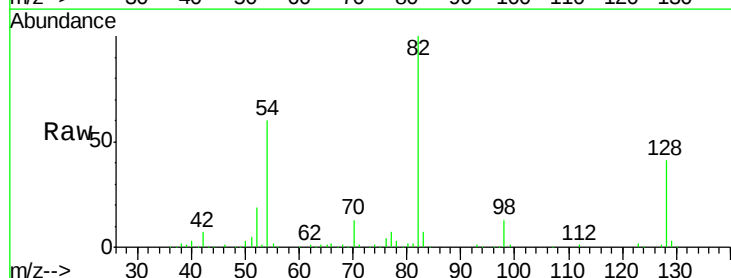
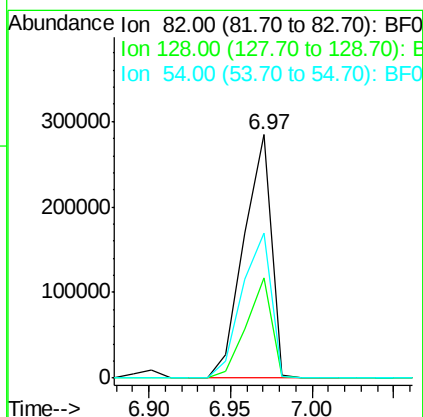
Tgt Ion: 82 Resp: 333876

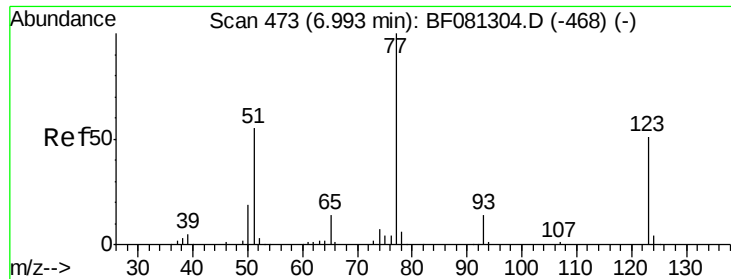
Ion Ratio Lower Upper

82 100

128 40.9 51.0 76.6#

54 59.5 47.5 71.3





#24

Nitrobenzene

Concen: 28.39 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF081349.D

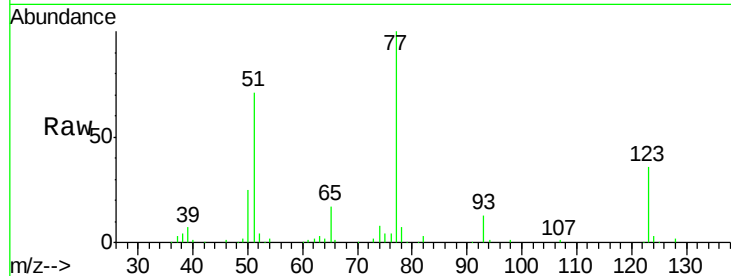
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD



Tgt Ion: 77 Resp: 140976

Ion Ratio Lower Upper

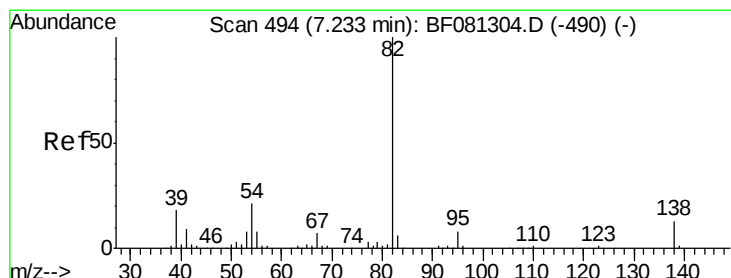
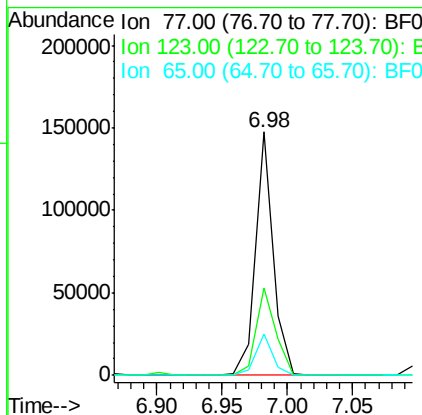
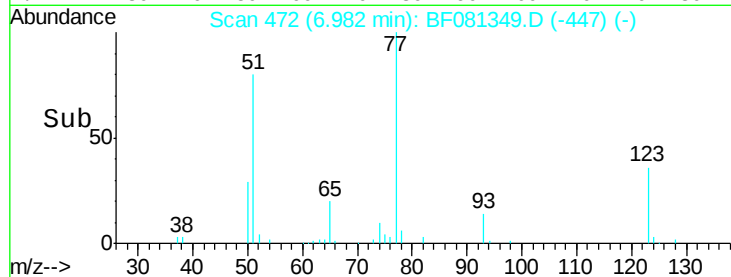
77 100

123 35.9 59.8 89.8#

65 17.2 10.2 15.4#

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#25

Isophorone

Concen: 31.36 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

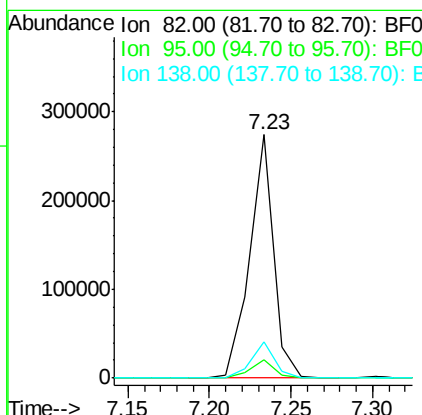
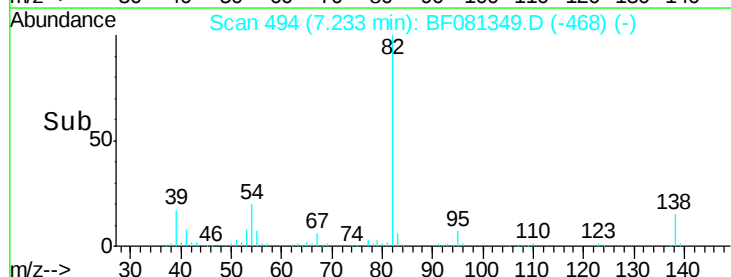
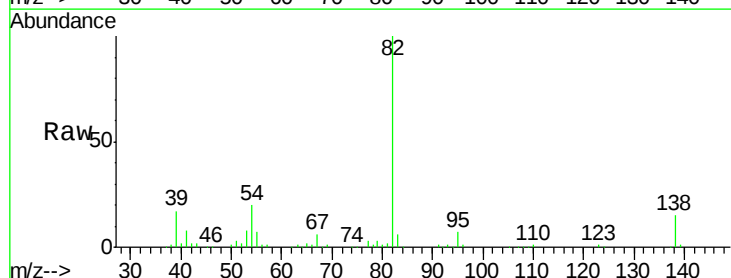
Tgt Ion: 82 Resp: 278860

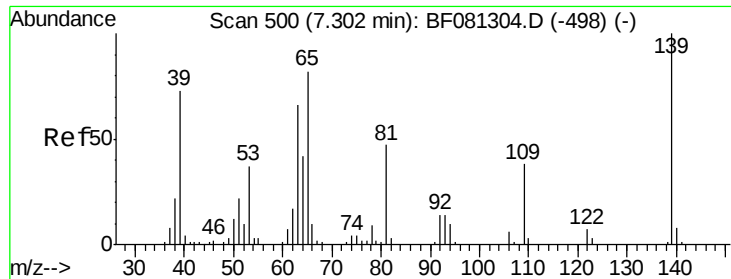
Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 14.7 18.3 27.5#





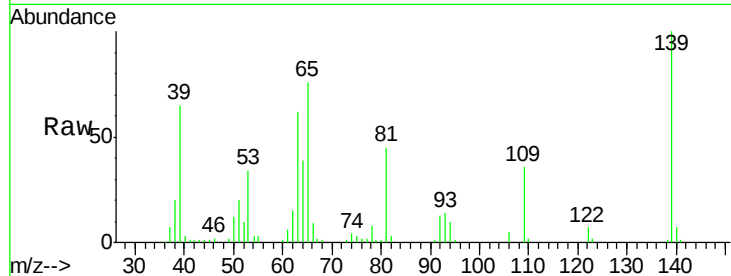
#26
 2-Nitrophenol
 Concen: 29.69 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

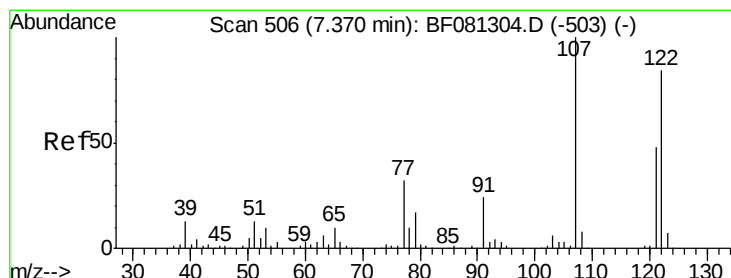
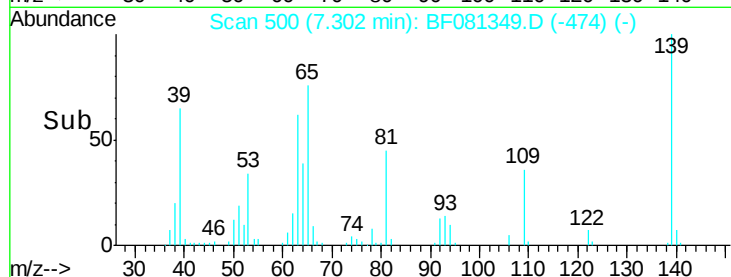
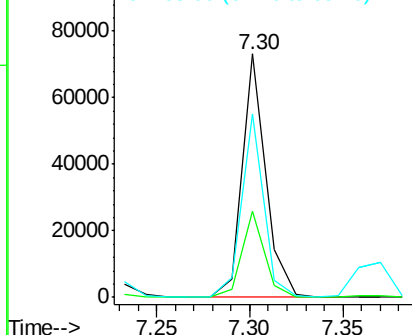
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64261		
109	35.6	11.0	16.4#	
65	75.5	24.7	37.1#	

Manual Integrations
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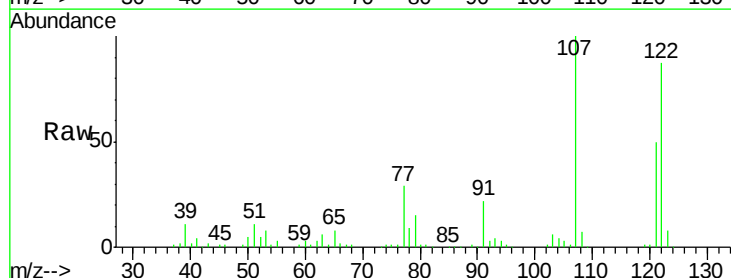


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BFO

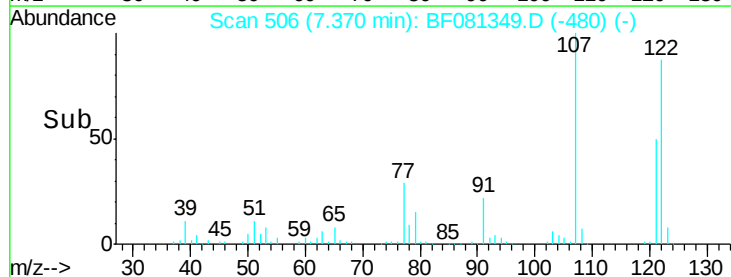
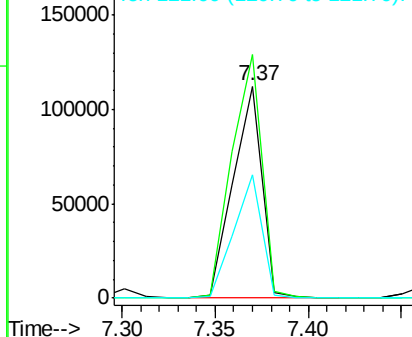


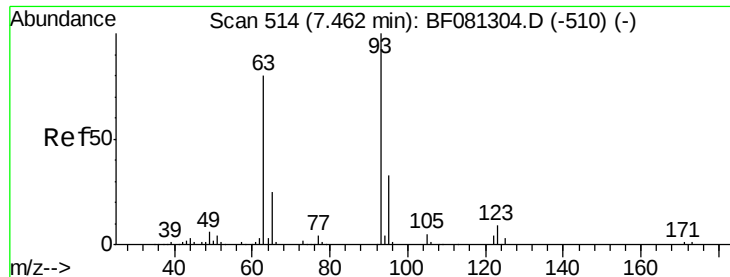
#27
 2,4-Dimethylphenol
 Concen: 32.68 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	122144		
107	114.8	71.8	107.6#	
121	57.8	42.3	63.5	



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





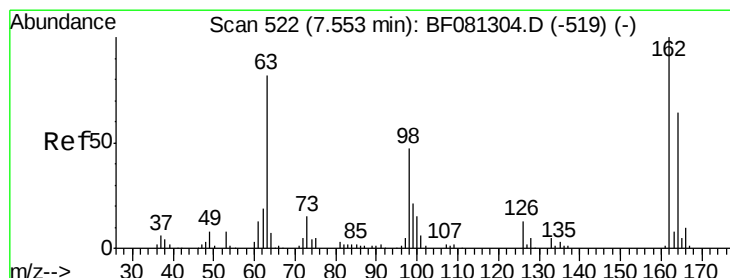
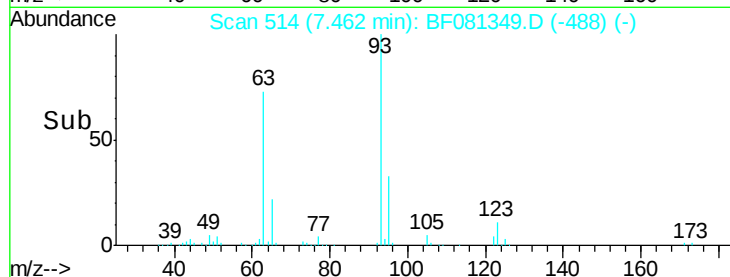
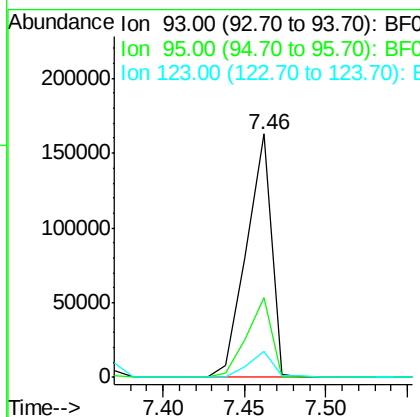
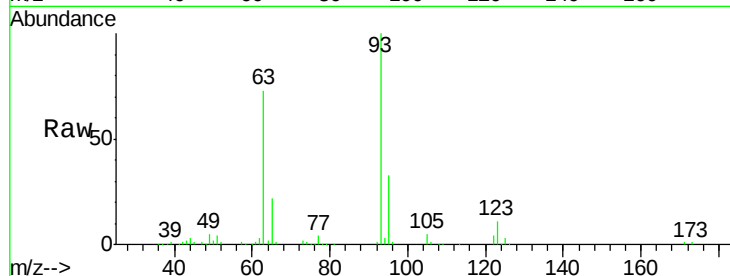
#28
bis(2-Chloroethoxy)methane
Concen: 33.80 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.9	27.5	41.3
123	10.7	13.7	20.5#

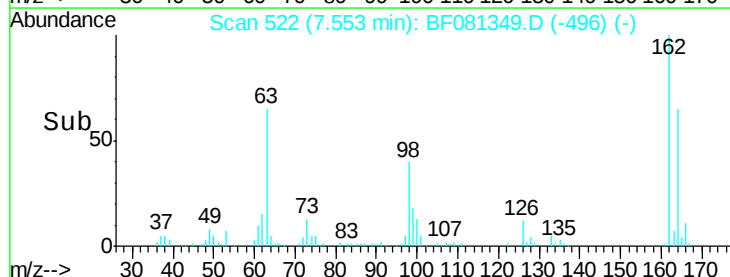
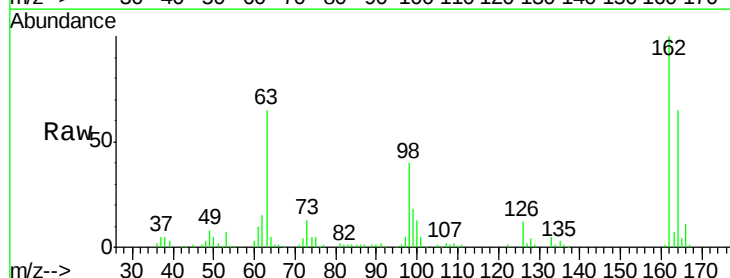
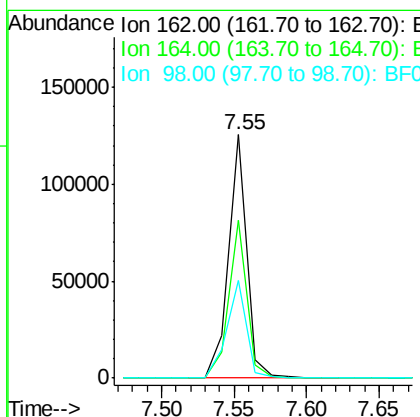
Manual Integrations
APPROVED

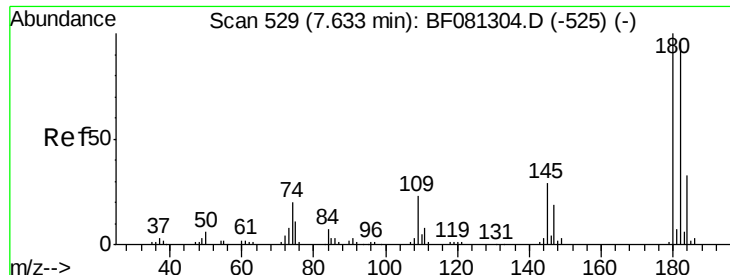
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9/3/2015 1:43:52 PM



#29
2,4-Dichlorophenol
Concen: 33.85 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.9	84.9
98	39.9	13.0	53.0





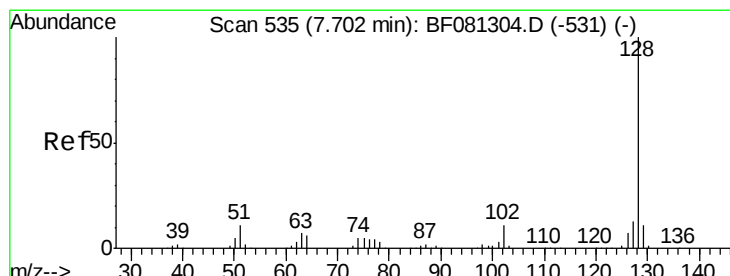
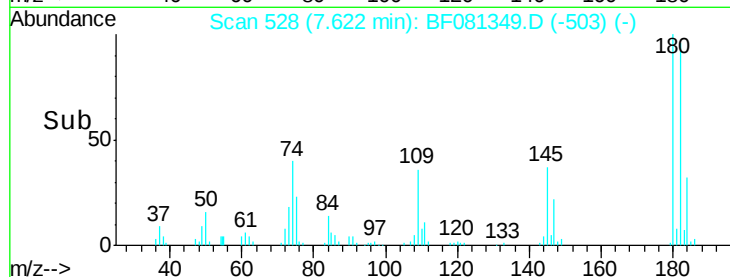
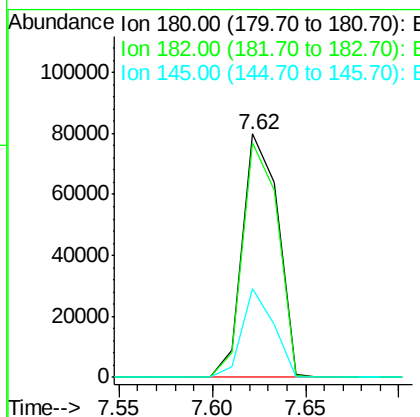
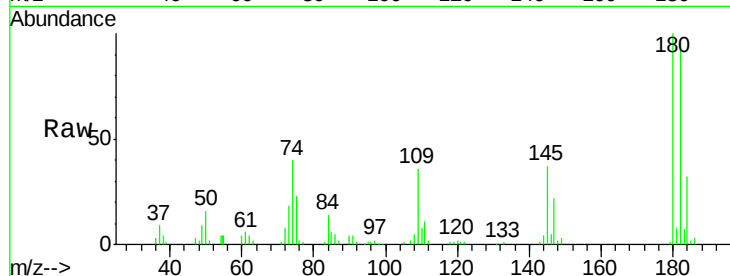
#30
1,2,4-Trichlorobenzene
Concen: 29.93 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105390		
182	96.4	77.1	115.7	
145	36.7	23.3	34.9#	

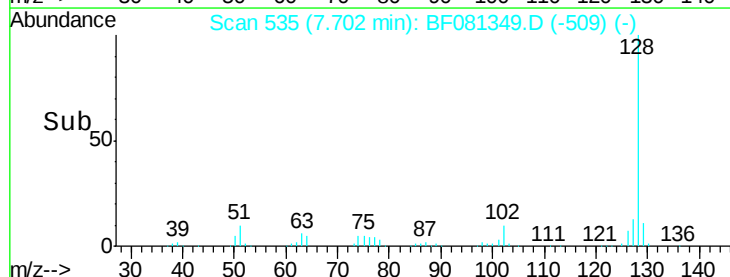
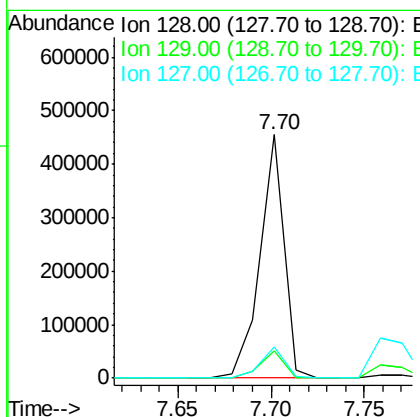
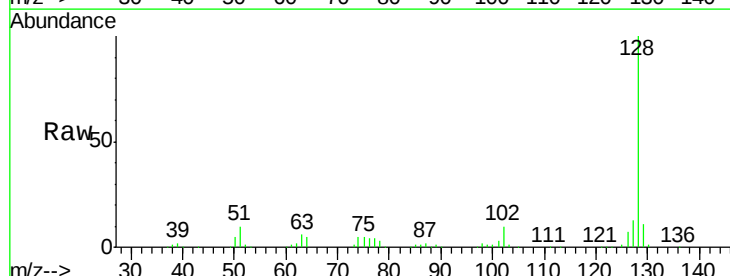
Manual Integrations
APPROVED

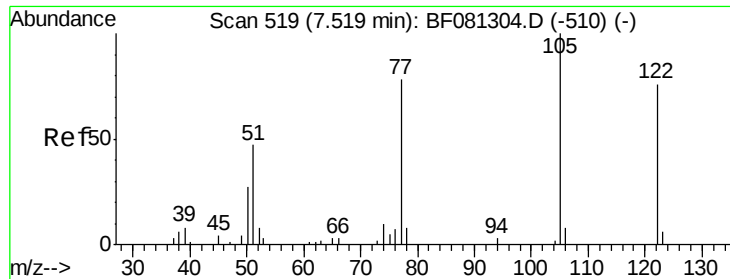
MMDadoda
9/3/2015 1:43:52 PM



#31
Naphthalene
Concen: 32.79 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	403442		
129	11.2	8.4	12.6	
127	13.1	9.9	14.9	





#32

Benzoic acid

Concen: 13.33 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081349.D

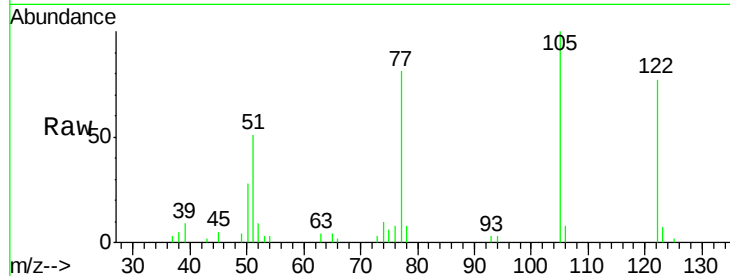
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

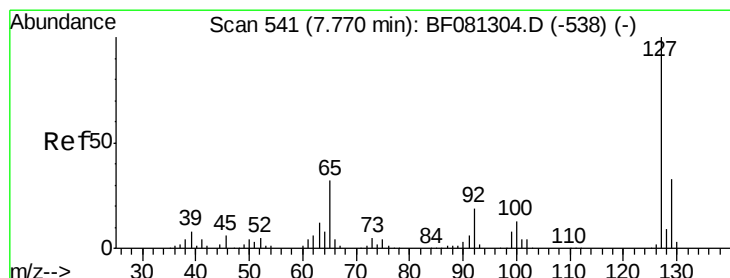
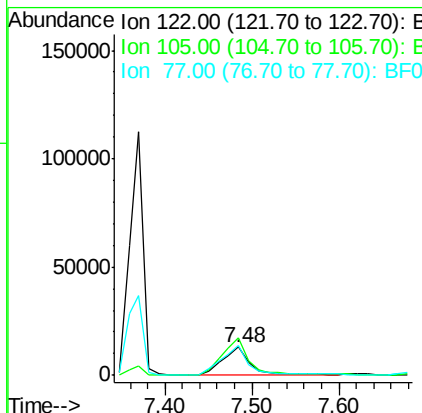
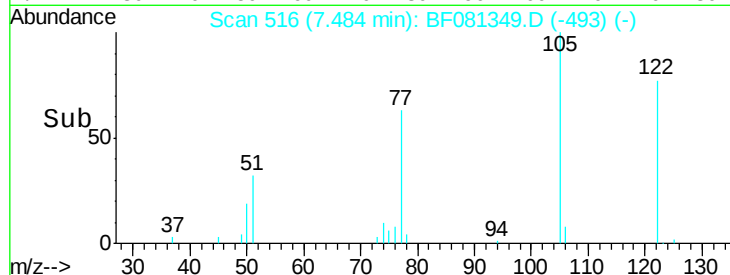
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.9	76.1	116.1#	
77	104.8	40.5	80.5#	

Manual Integrations
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#33

4-Chloroaniline

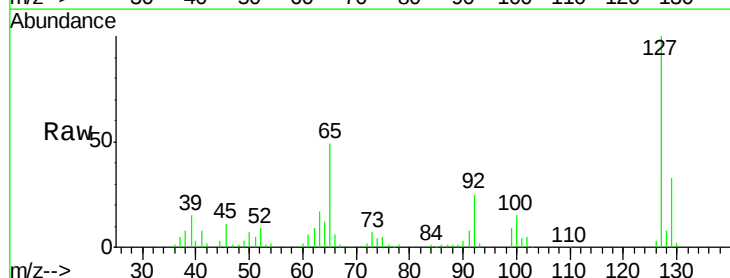
Concen: 20.64 ng

RT: 7.76 min Scan# 540

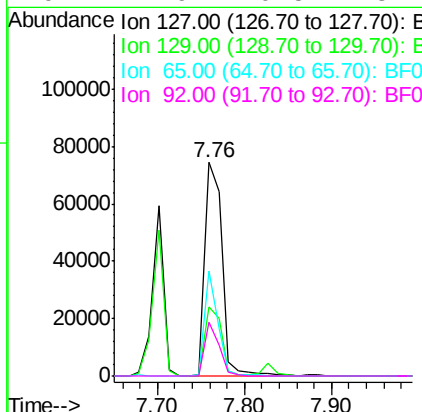
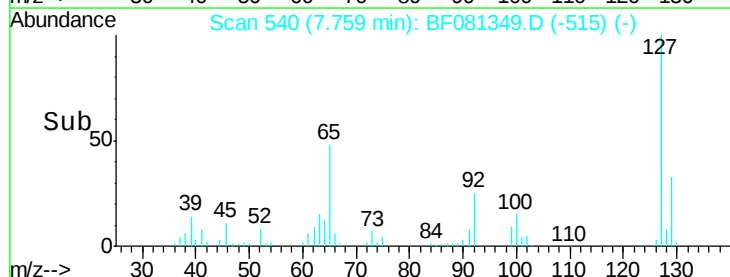
Delta R.T. -0.01 min

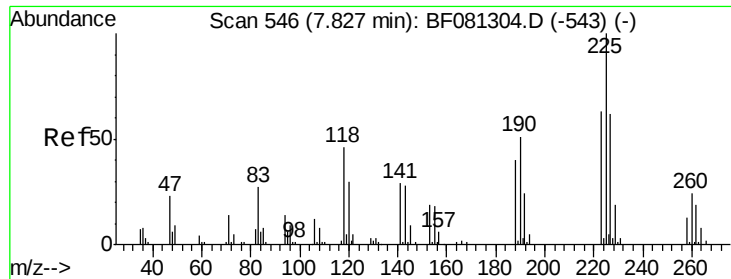
Lab File: BF081349.D

Acq: 2 Sep 2015 15:29



Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.8	38.6	
65	48.9	17.9	26.9#	
92	24.9	10.5	15.7#	





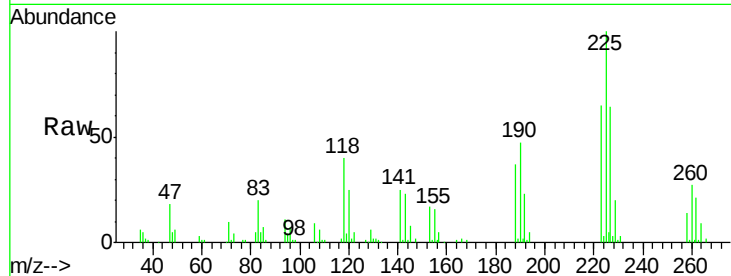
#34
Hexachlorobutadiene
Concen: 30.09 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.2	75.2
227	63.9	52.2	78.2

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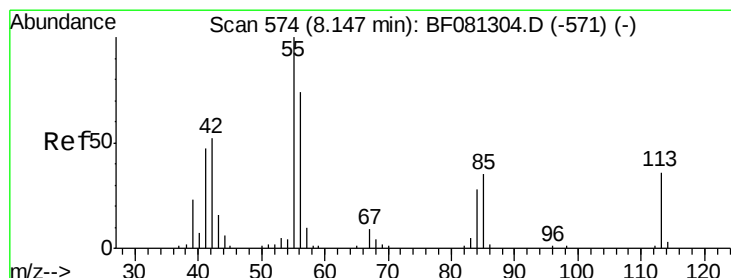
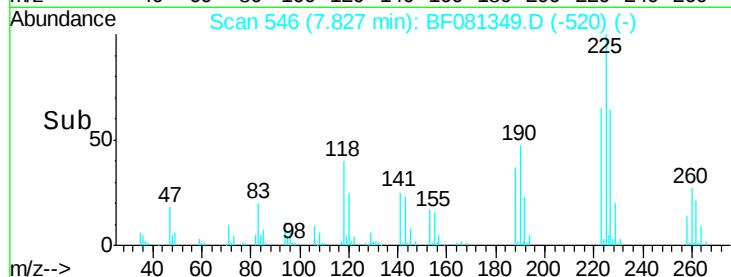
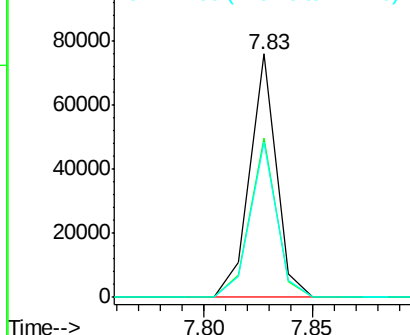


Abundance

Ion 225.00 (224.70 to 225.70): E

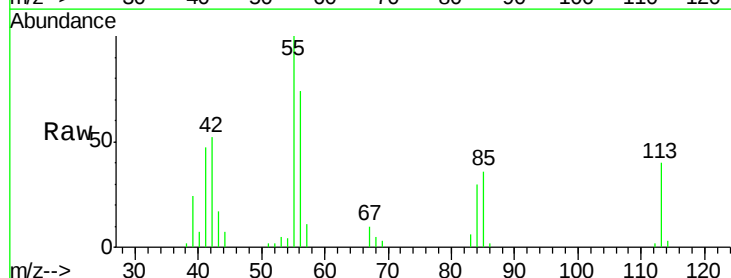
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 29.25 ng m
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
113	100		
55	252.9	152.4	192.4#
56	186.8	104.6	144.6#

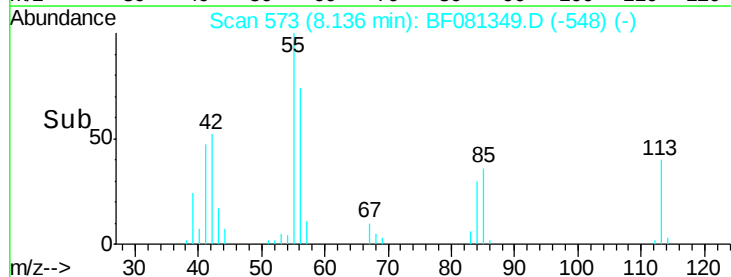
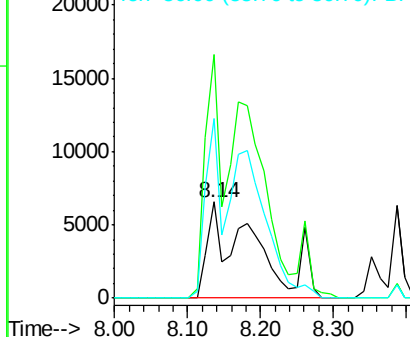


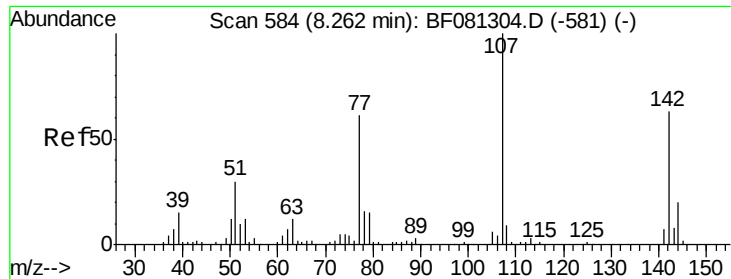
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 34.19 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

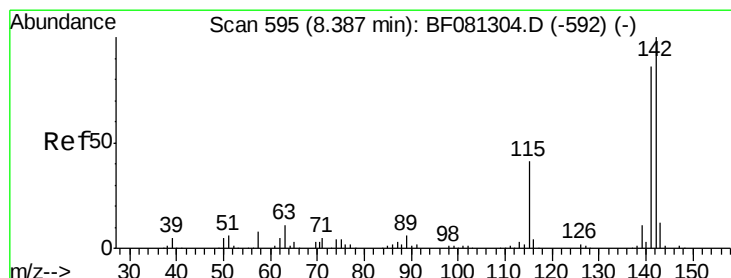
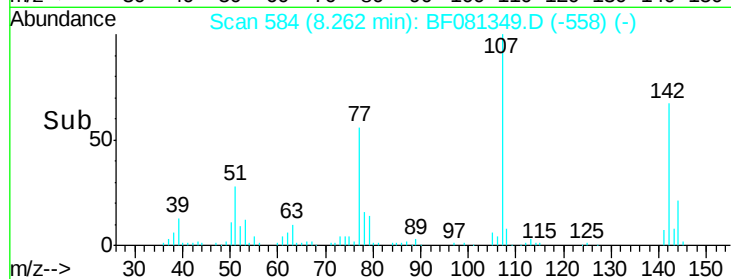
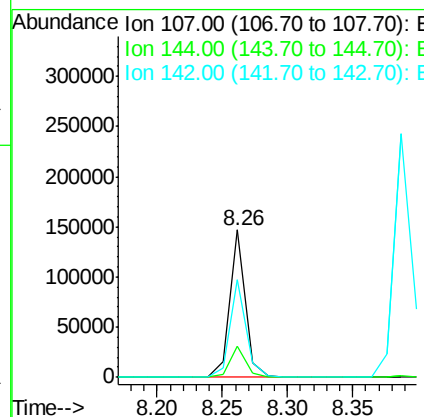
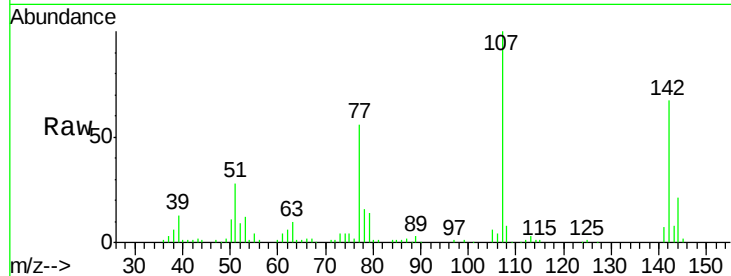
COFF-2-20(0-2)MSD

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Tgt Ion:	107	Resp:	124045
Ion Ratio	Lower	Upper	
107	100		
144	21.3	25.4	38.0#
142	66.6	77.3	115.9#



#37

2-Methylnaphthalene

Concen: 28.82 ng

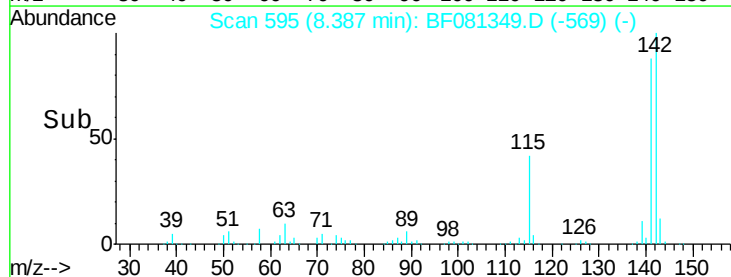
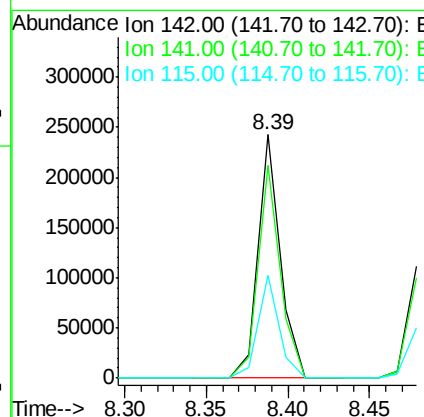
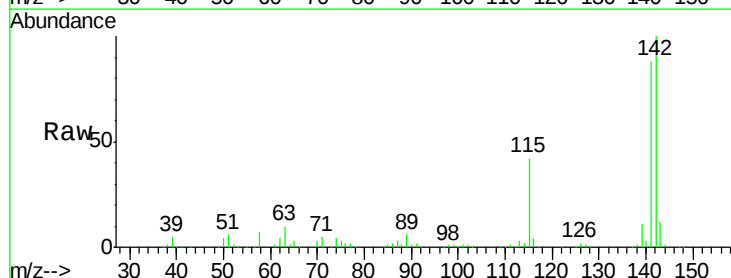
RT: 8.39 min Scan# 595

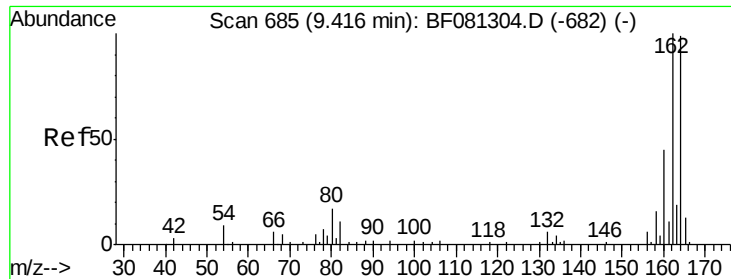
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:	142	Resp:	230706
Ion Ratio	Lower	Upper	
142	100		
141	87.6	67.5	101.3
115	42.2	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081349.D

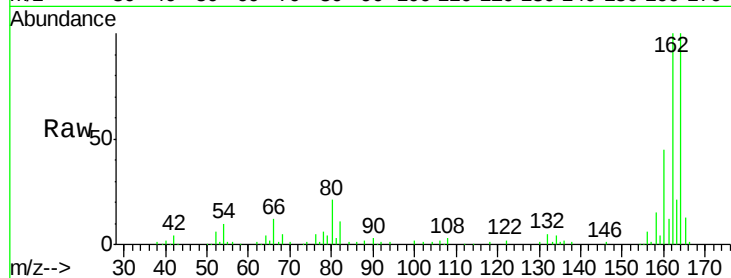
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD



Tgt Ion:164 Resp: 103338

Ion Ratio Lower Upper

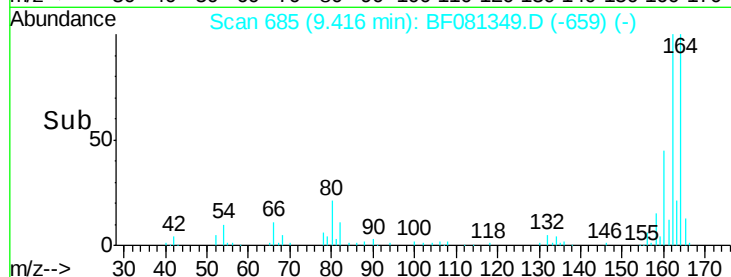
164 100

162 100.5 75.2 112.8

160 44.8 31.5 47.3

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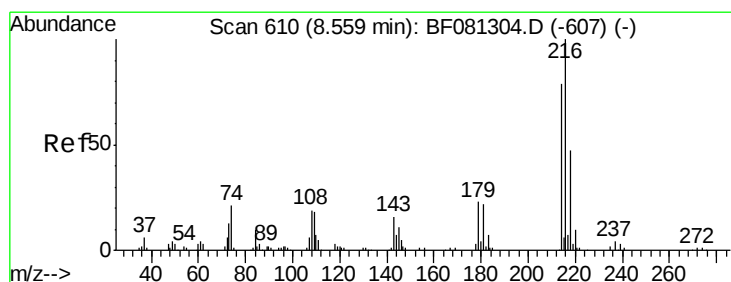
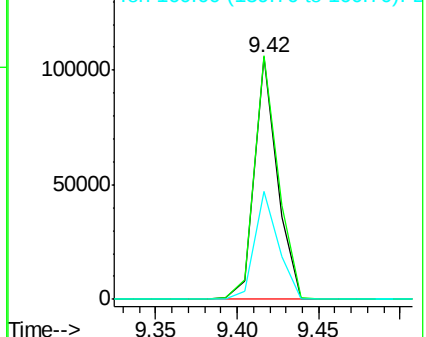
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.00 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:216 Resp: 111105

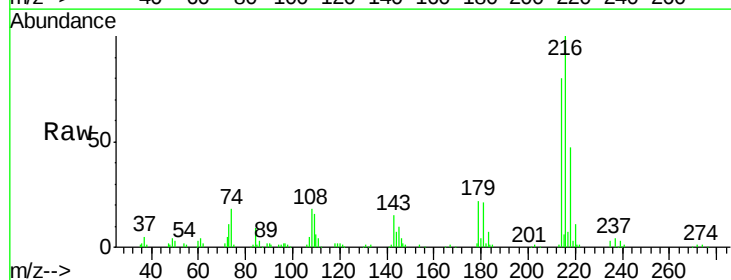
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.7 16.6 24.8

108 22.5 16.3 24.5

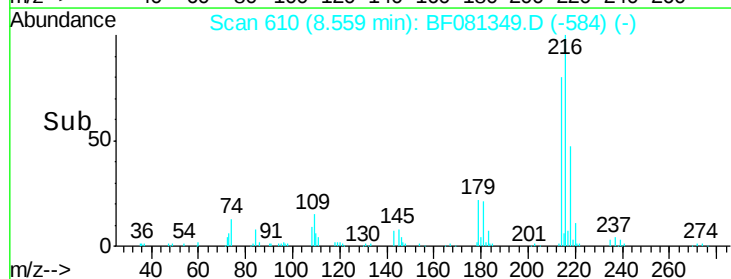
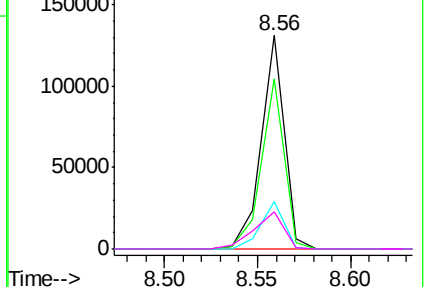


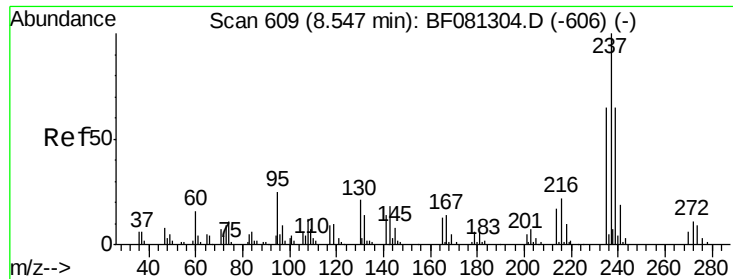
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





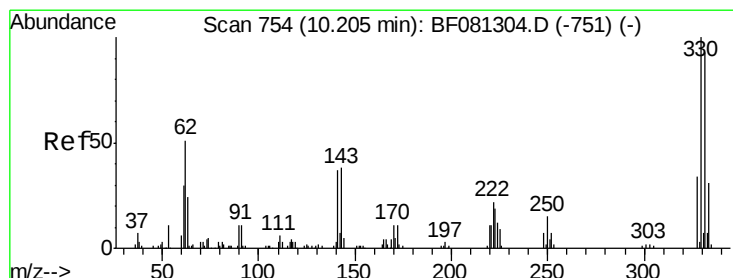
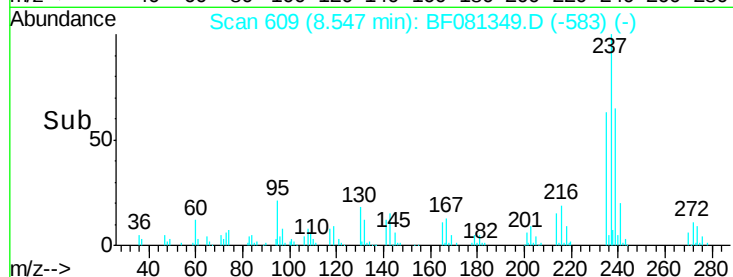
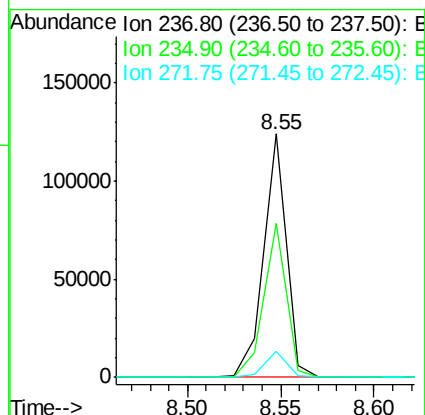
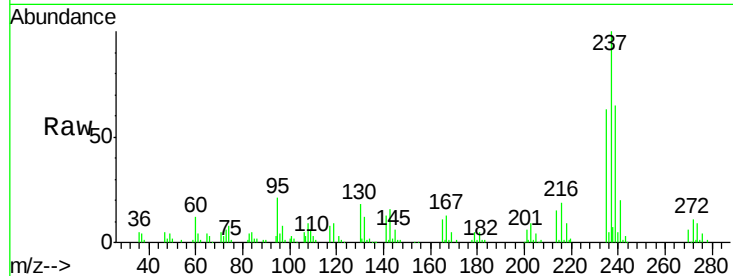
#40
Hexachlorocyclopentadiene
Concen: 64.30 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.3	42.0	82.0
272	10.6	0.0	36.1

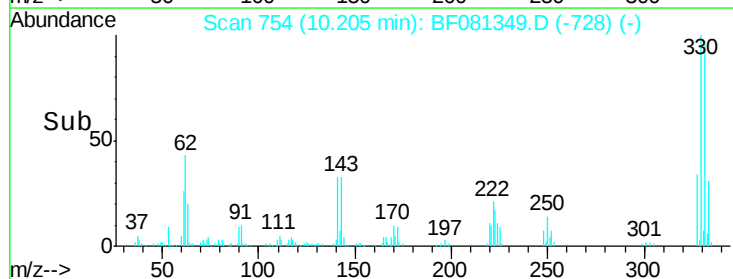
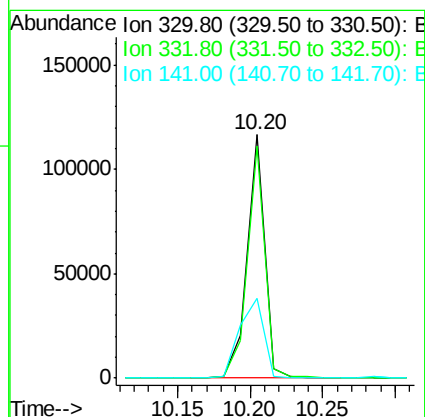
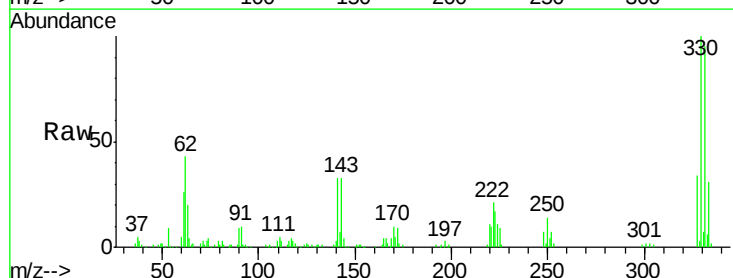
Manual Integrations
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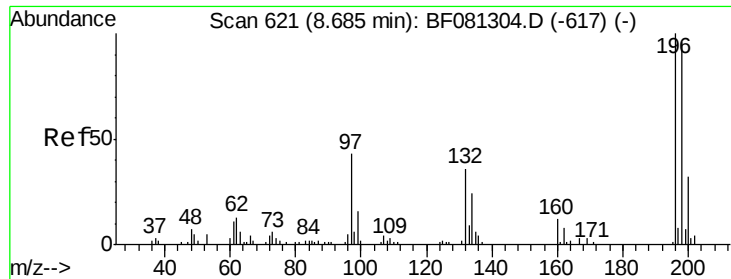
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#41
2,4,6-Tribromophenol
Concen: 106.72 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.7	76.6	114.8
141	45.6	29.7	44.5#





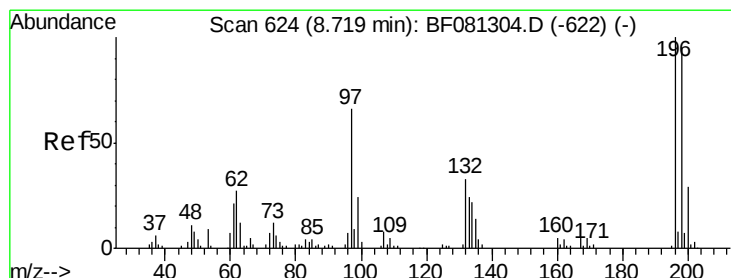
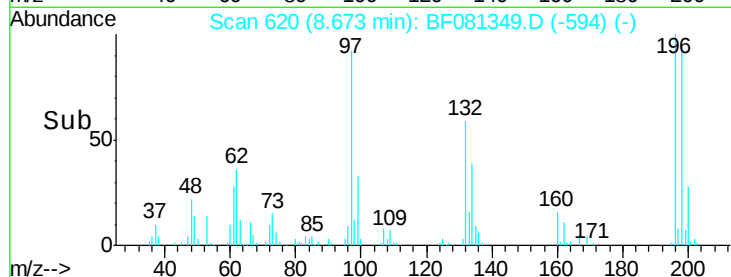
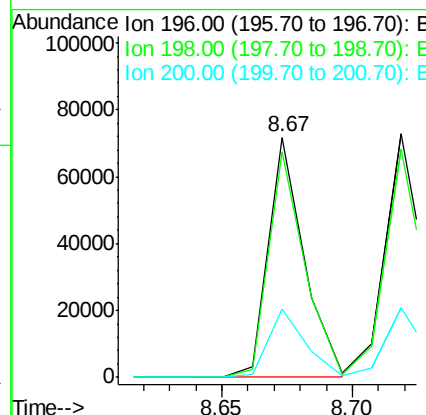
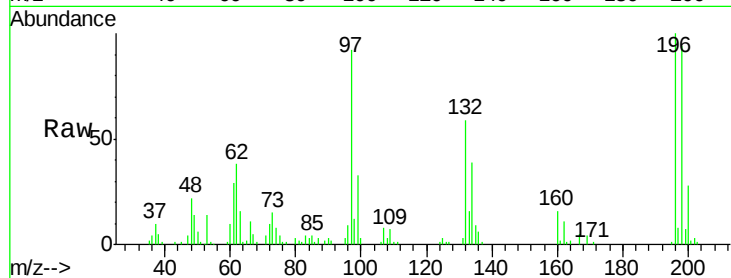
#42
 2,4,6-Trichlorophenol
 Concen: 30.44 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Manual Integrations
 APPROVED

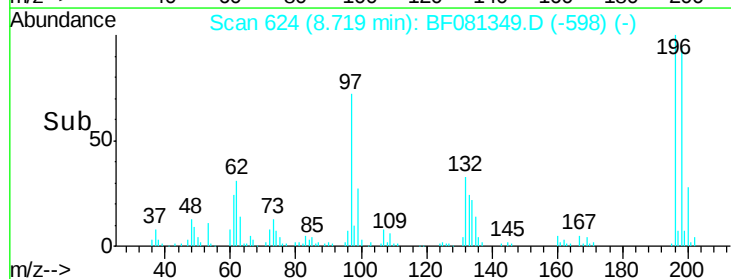
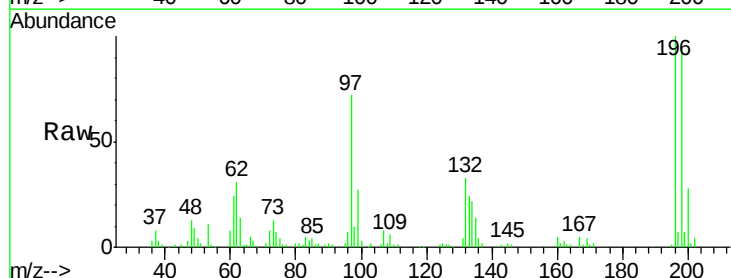
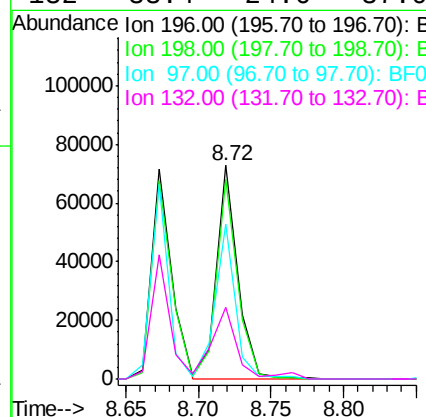
MMDadoda
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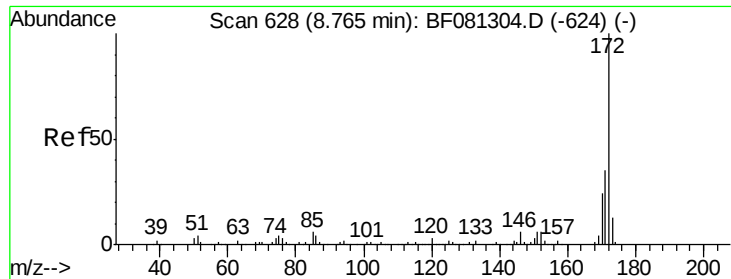
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68650		
198	94.2	75.7	113.5	
200	28.5	23.9	35.9	



#43
 2,4,5-Trichlorophenol
 Concen: 32.15 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73968		
198	93.6	75.4	113.0	
97	72.3	33.3	49.9	
132	33.4	24.6	37.0	





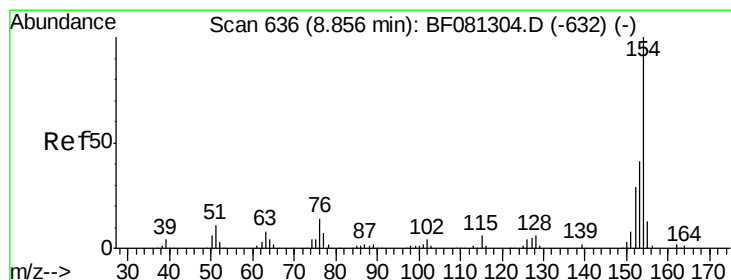
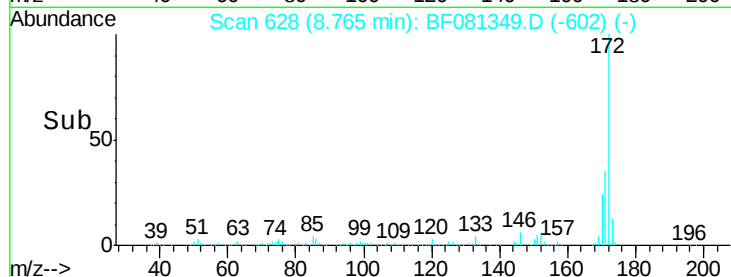
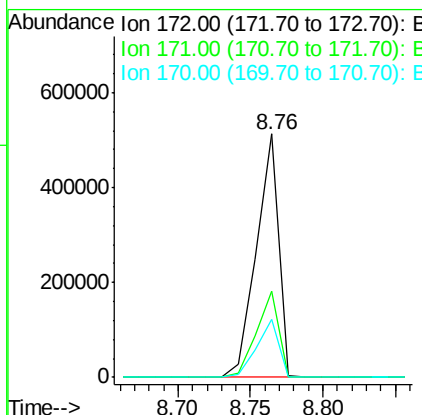
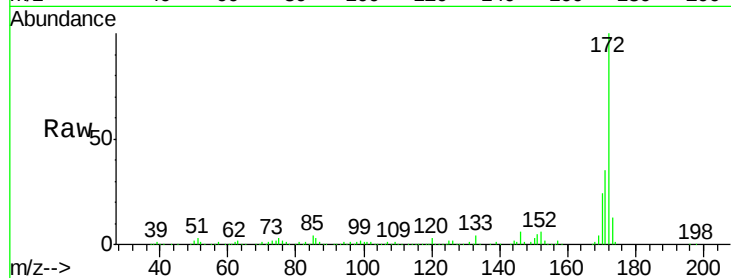
#44
 2-Fluorobiphenyl
 Concen: 67.66 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.4	26.1	39.1
170	23.8	17.4	26.2

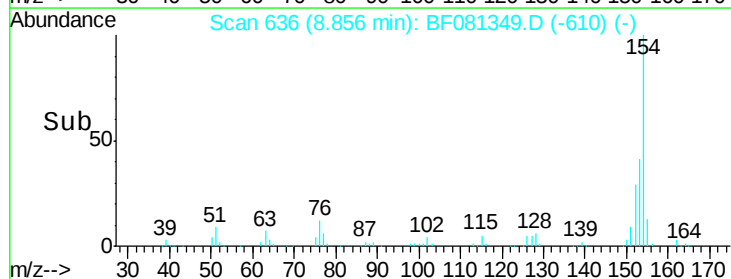
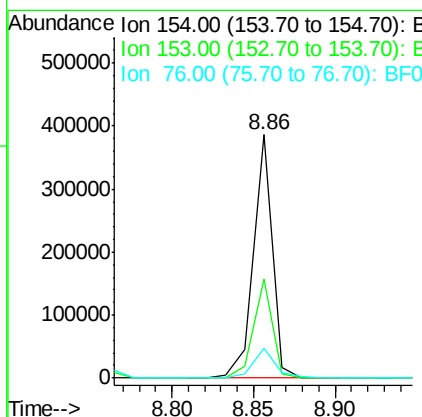
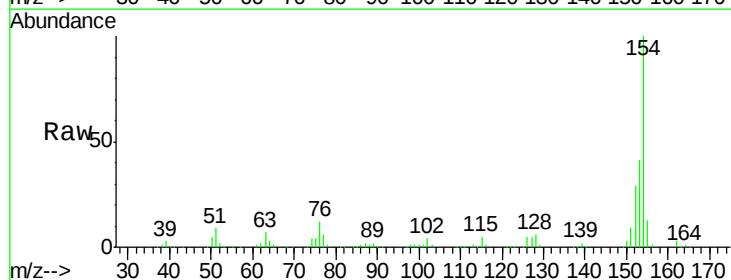
Manual Integrations
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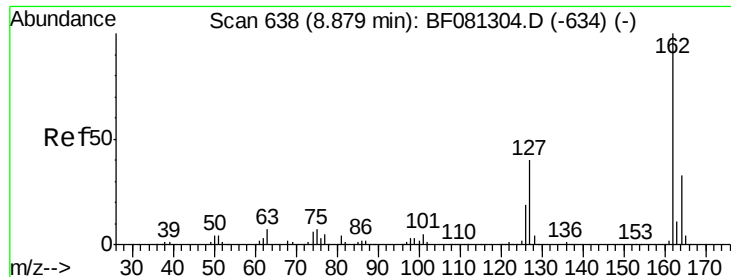
MMDadoda
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#45
 1,1'-Biphenyl
 Concen: 32.78 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.7	17.1	57.1
76	12.2	0.0	31.6





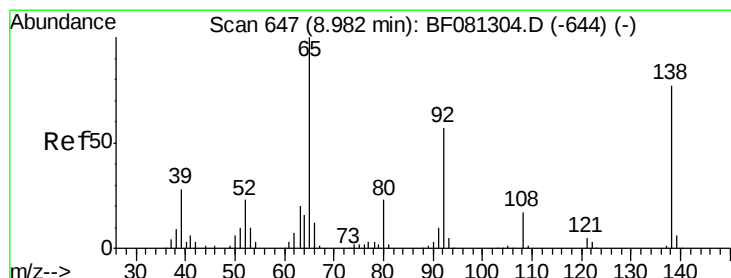
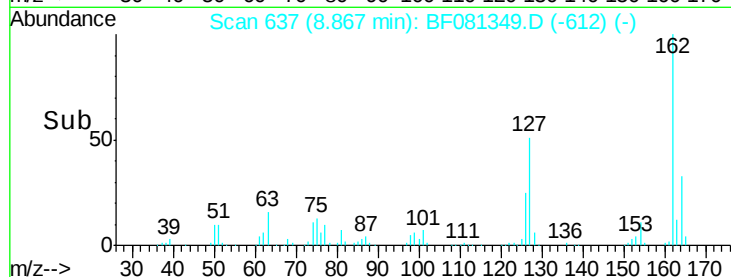
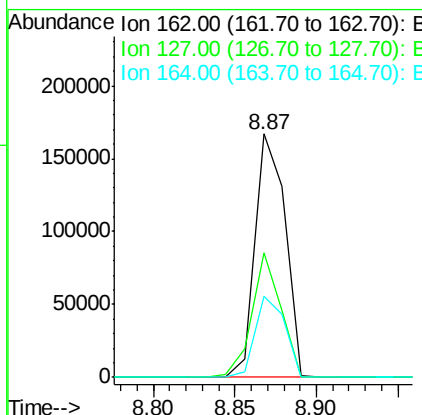
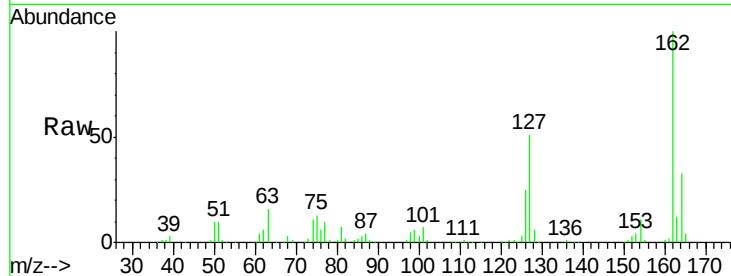
#46
2-Chloronaphthalene
Concen: 31.22 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	51.3	27.6	41.4#
164	33.1	25.4	38.2

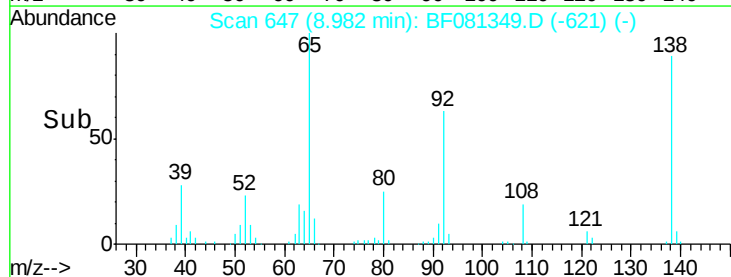
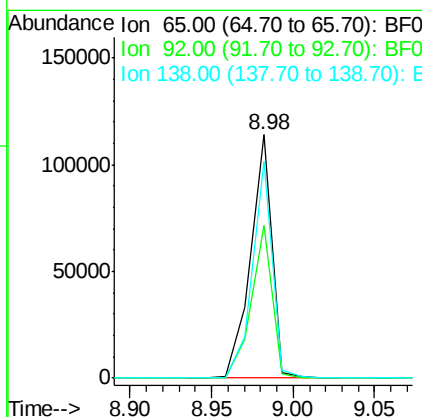
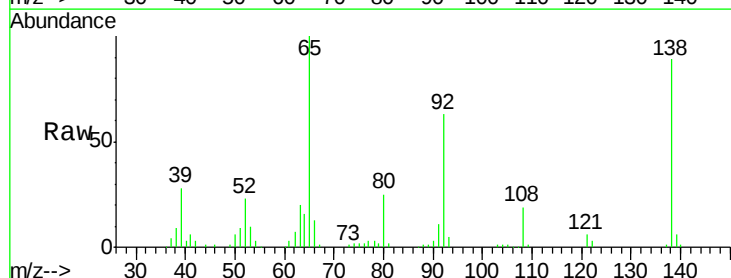
Manual Integrations
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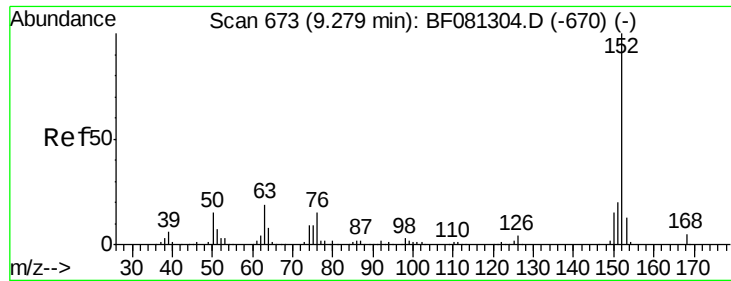
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#47
2-Nitroaniline
Concen: 37.07 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	55.4	83.0
138	88.8	115.5	173.3#





#48

Acenaphthylene

Concen: 29.59 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF081349.D

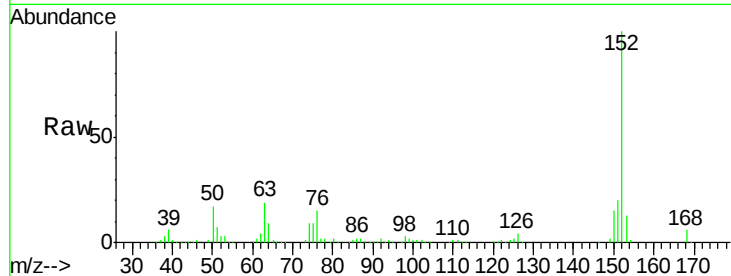
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

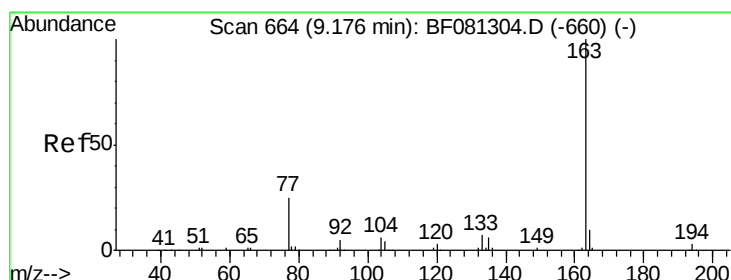
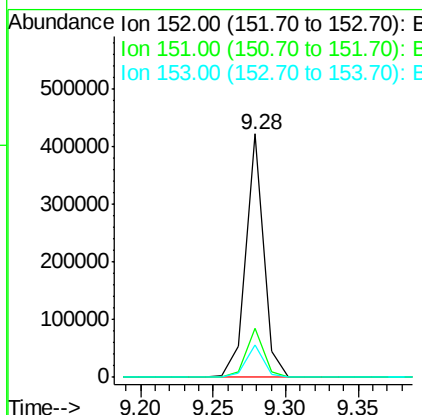
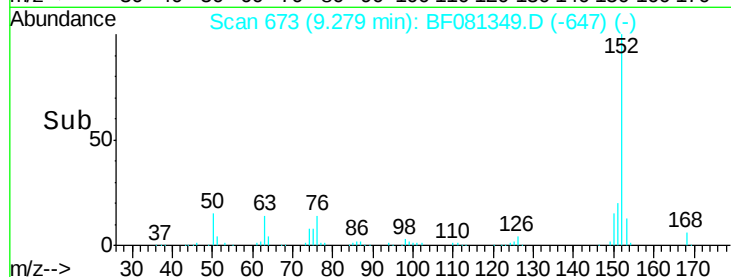
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	360396		
151	20.1	14.6	22.0	
153	13.2	10.3	15.5	

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#49

Dimethylphthalate

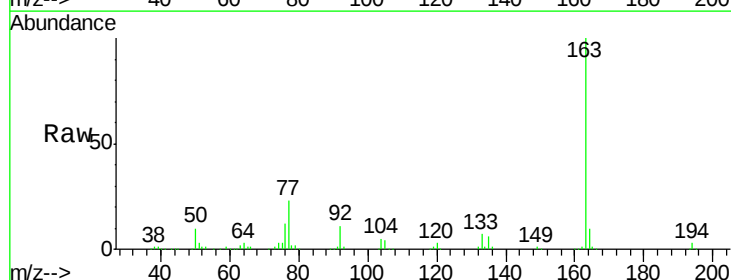
Concen: 49.54 ng

RT: 9.18 min Scan# 664

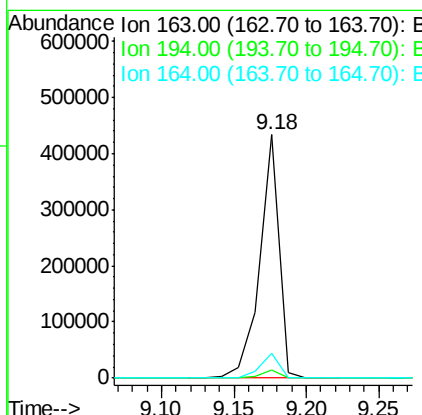
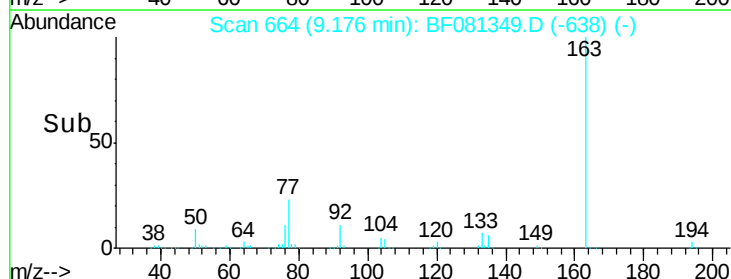
Delta R.T. -0.00 min

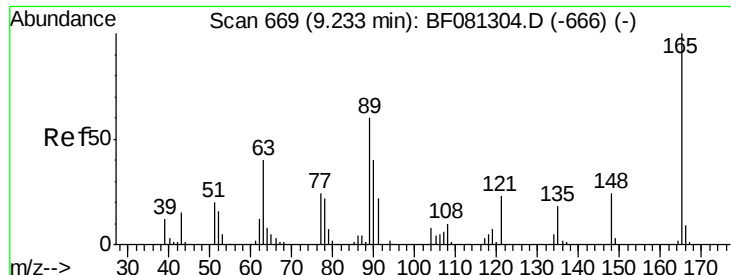
Lab File: BF081349.D

Acq: 2 Sep 2015 15:29



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	397739		
194	3.3	4.4	6.6#	
164	10.0	8.3	12.5	





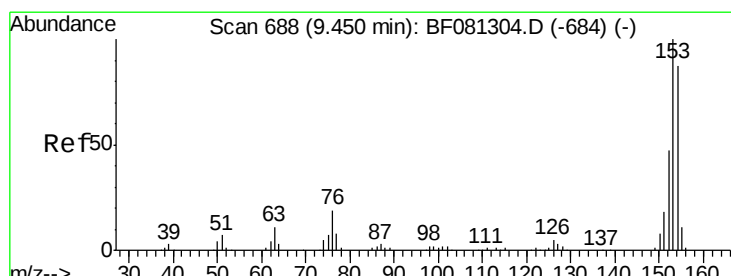
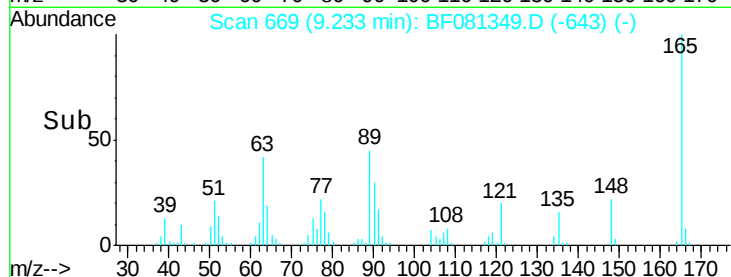
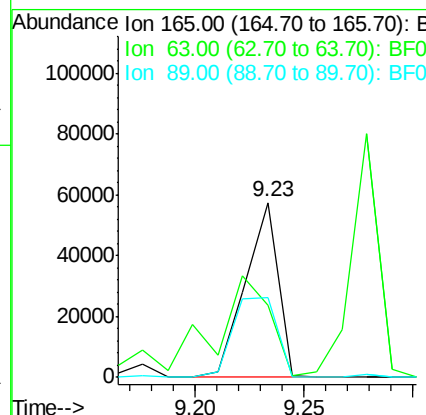
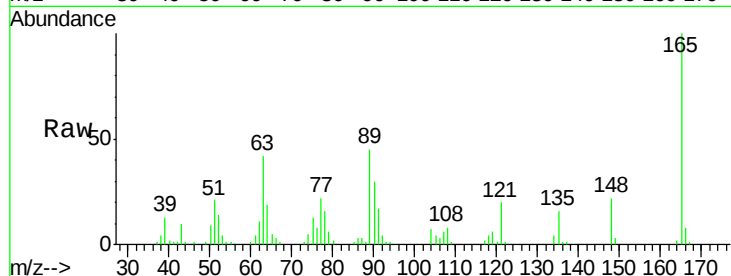
#50
2,6-Dinitrotoluene
Concen: 33.06 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.6	32.3	48.5
89	45.4	28.6	43.0

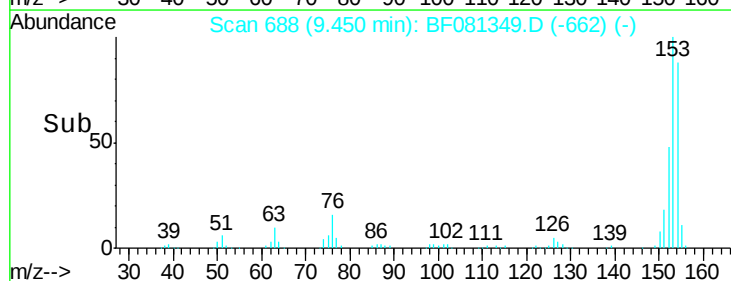
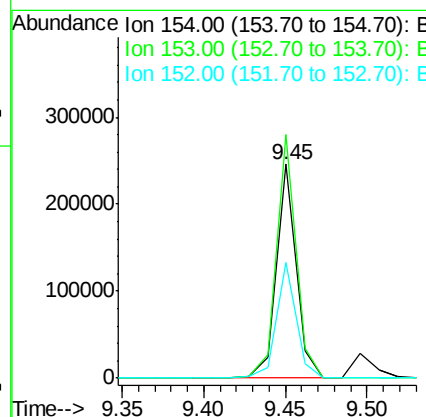
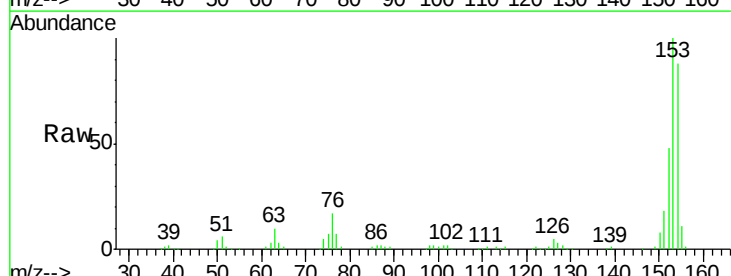
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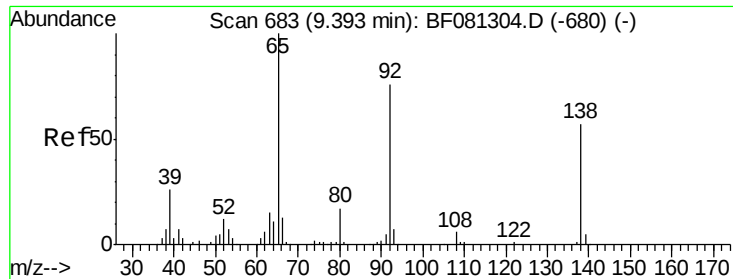
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#51
Acenaphthene
Concen: 30.10 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.8	82.1	123.1
152	54.2	37.9	56.9





#52

3-Nitroaniline

Concen: 30.53 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

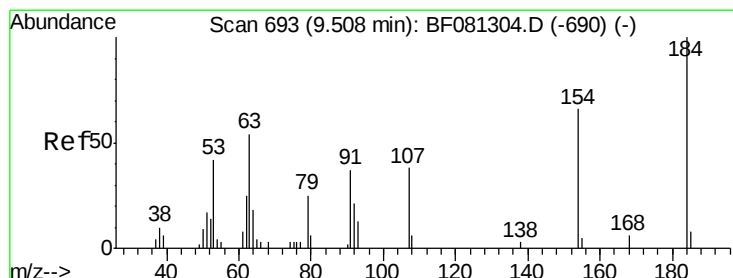
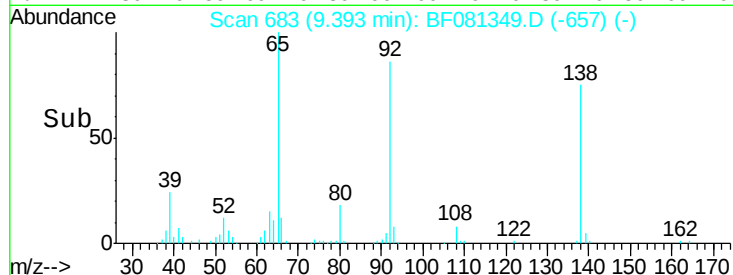
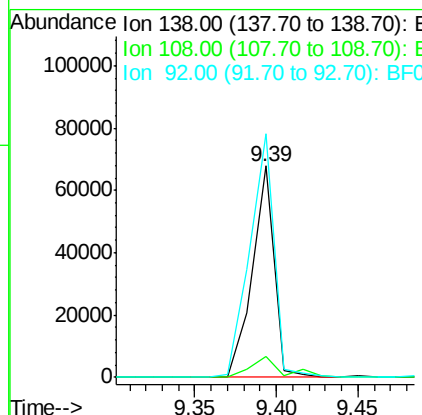
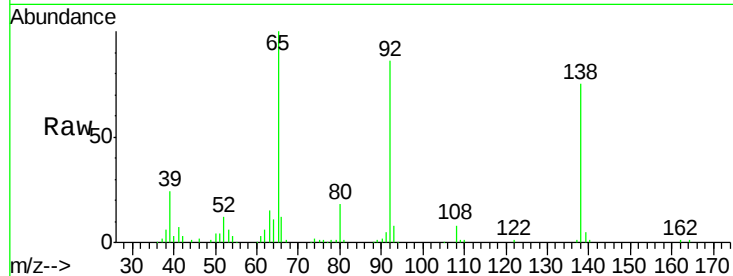
ClientSampleId :

COFF-2-20(0-2)MSD

Tgt Ion:138 Resp: 63331
 Ion Ratio Lower Upper
 138 100
 108 10.0 5.7 8.5#
 92 115.2 67.7 101.5#

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#53

2,4-Dinitrophenol

Concen: 50.30 ng

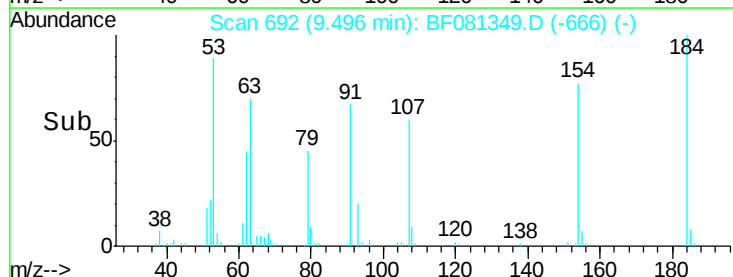
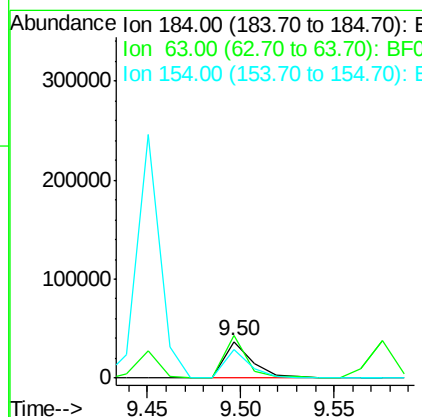
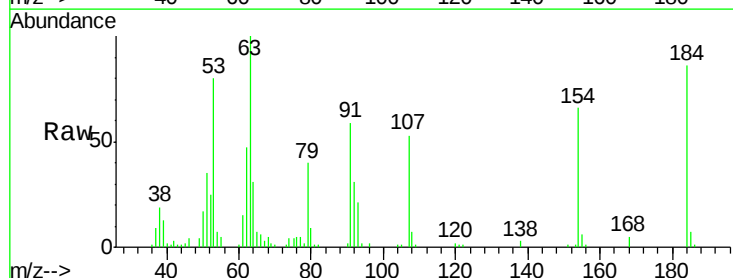
RT: 9.50 min Scan# 692

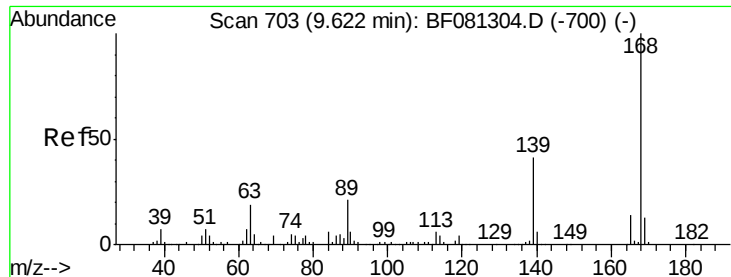
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:184 Resp: 38605
 Ion Ratio Lower Upper
 184 100
 63 116.9 35.4 53.2#
 154 76.8 32.2 48.4#





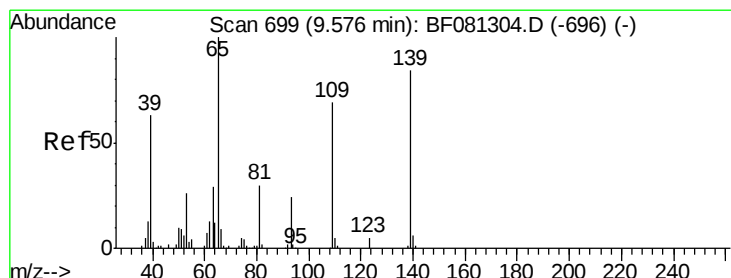
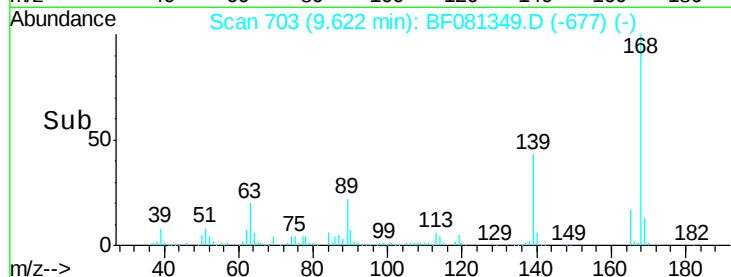
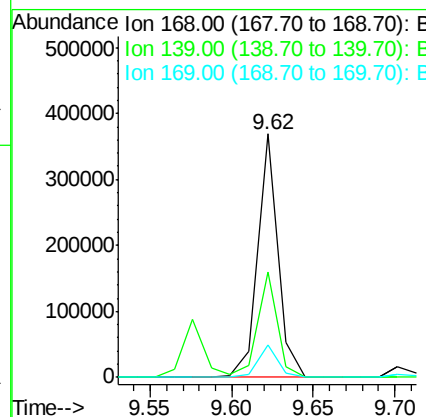
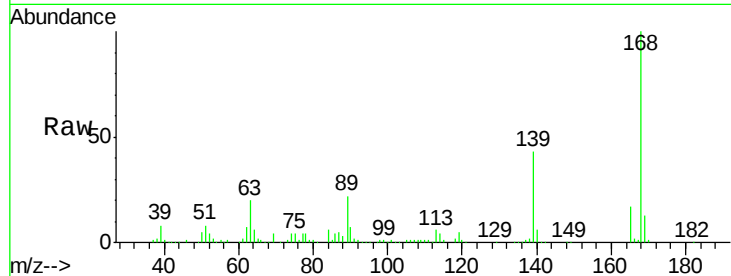
#54
Dibenzenofuran
Concen: 31.46 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	24.2	36.2#
169	13.4	10.6	15.8

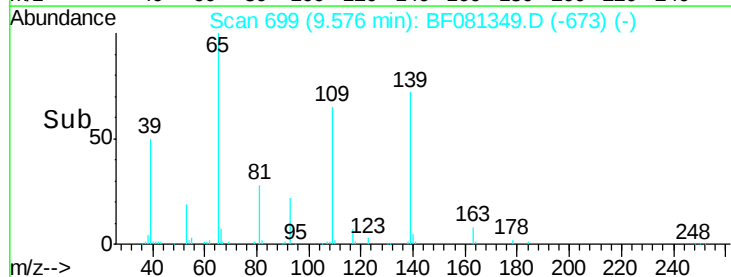
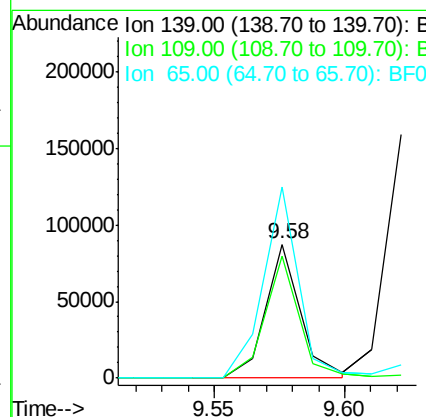
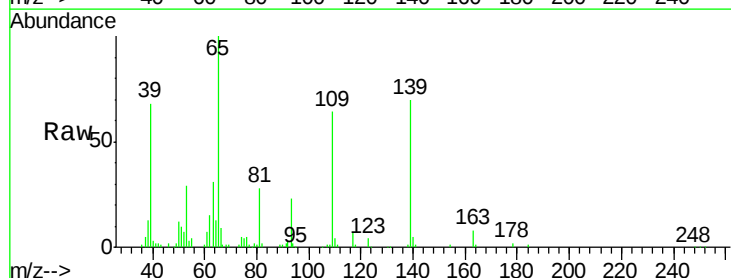
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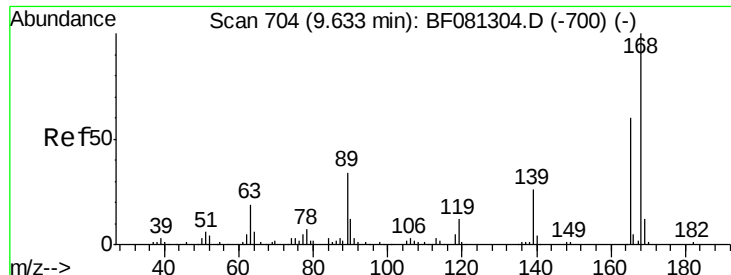
MMDadoda
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#55
4-Nitrophenol
Concen: 62.49 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

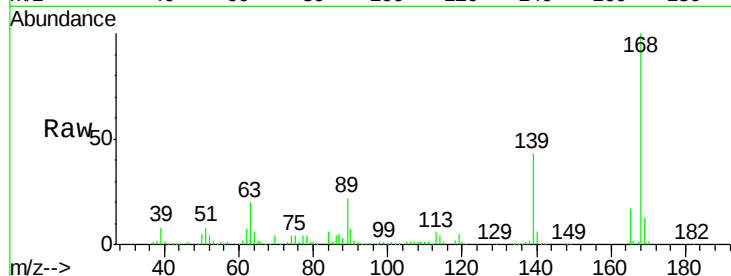
Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.4	12.7	52.7#
65	142.8	45.9	85.9#





#56
2,4-Dinitrotoluene
Concen: 29.60 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

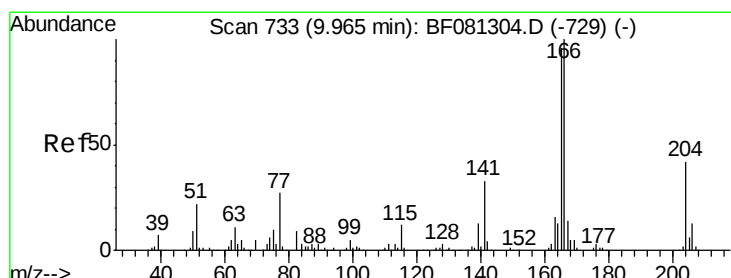
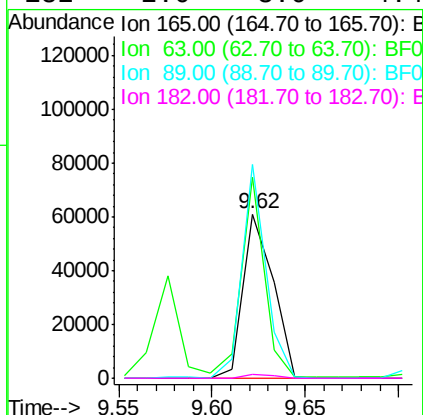
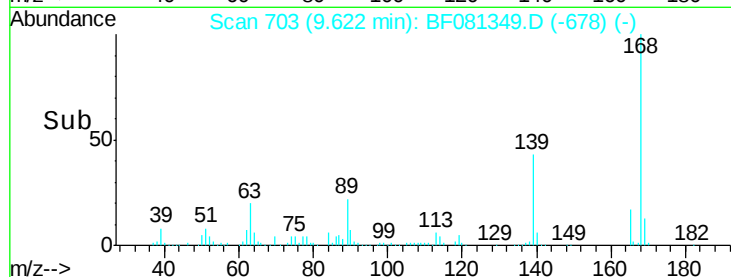
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	122.7	29.8	44.6#
89	130.3	44.5	66.7#
182	2.0	3.0	4.4#

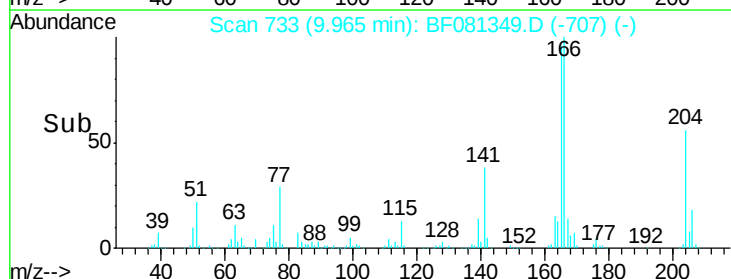
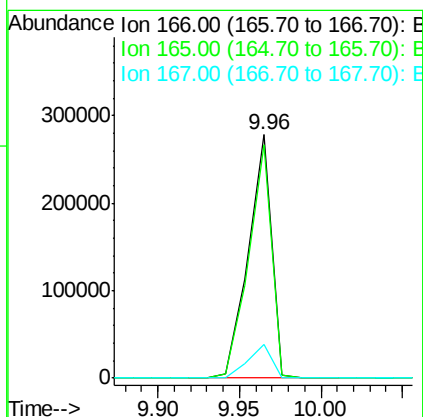
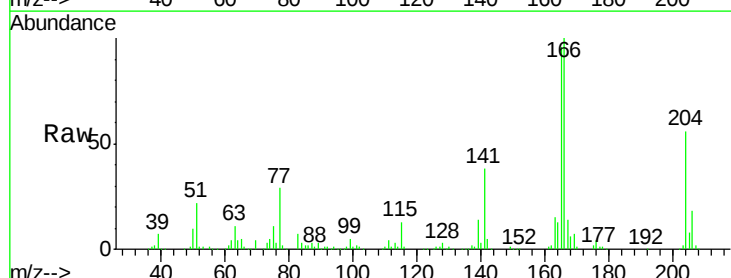
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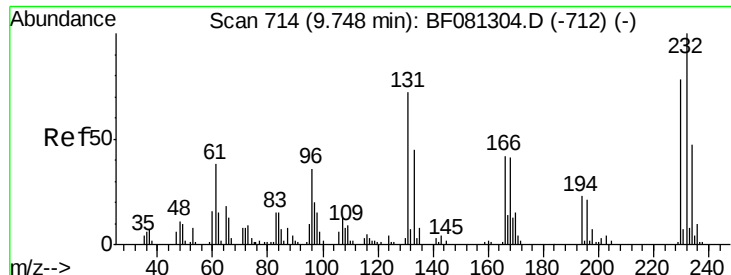
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#57
Fluorene
Concen: 35.76 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	95.8	72.6	109.0
167	13.7	10.6	16.0





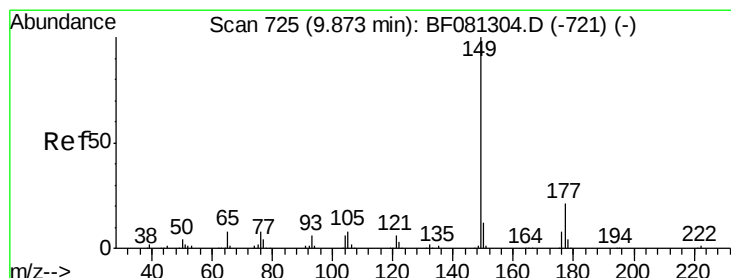
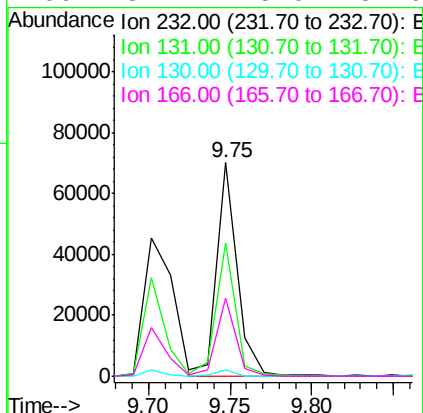
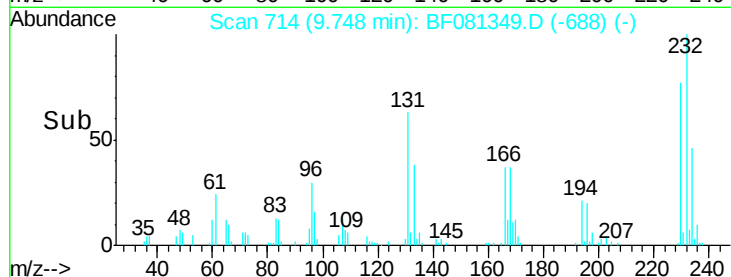
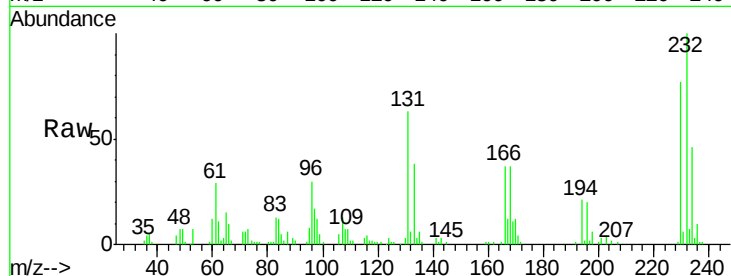
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.02 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Manual Integrations
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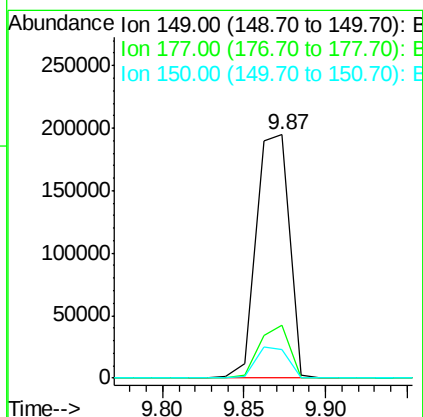
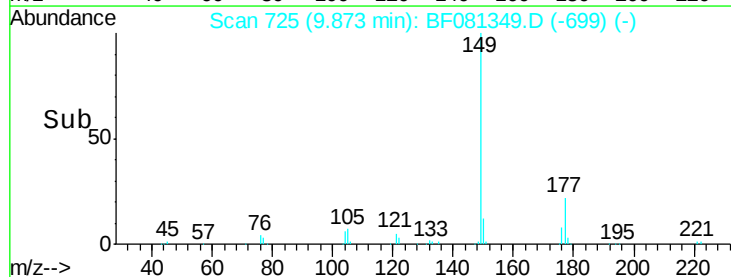
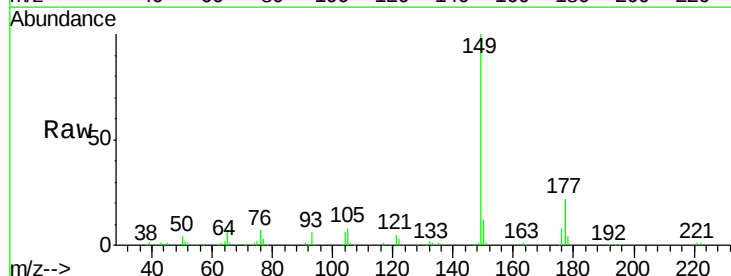
MMDadoda
 9/3/2015 1:43:52 PM

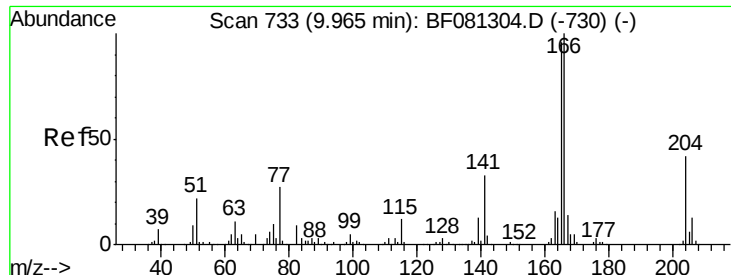
Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.1	38.5	57.7#
130	2.9	1.8	2.6#
166	34.7	25.0	37.6



#59
 Diethylphthalate
 Concen: 32.45 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	11.6	9.4	14.2





#60

4-Chlorophenyl-phenylether

Concen: 34.76 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF081349.D

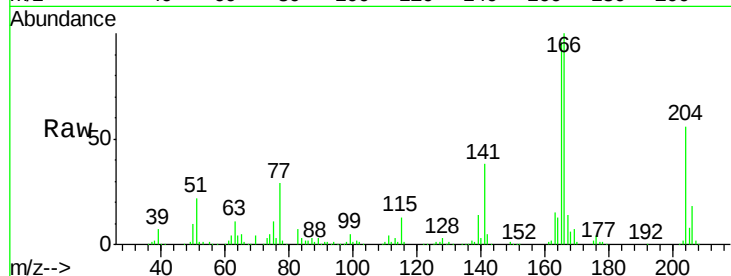
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MSD



Tgt Ion: 204 Resp: 124377

Ion Ratio Lower Upper

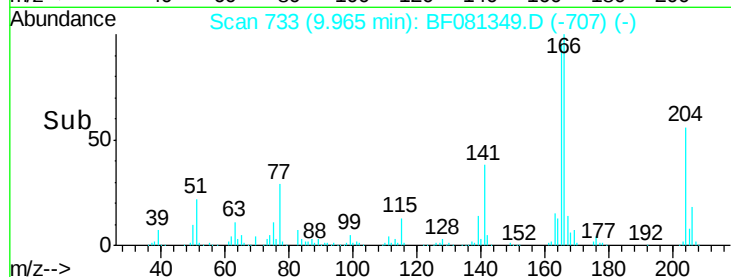
204 100

206 31.7 24.8 37.2

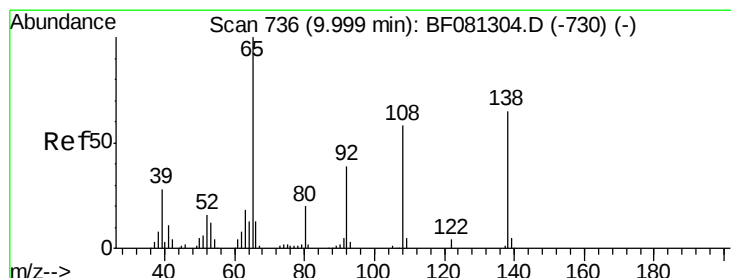
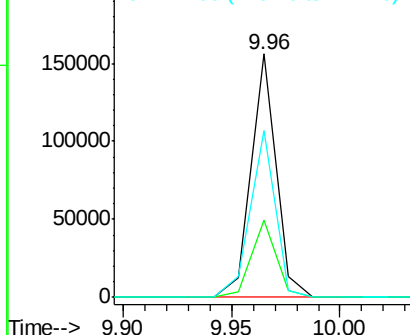
141 68.3 42.2 63.4#

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



#61

4-Nitroaniline

Concen: 30.14 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

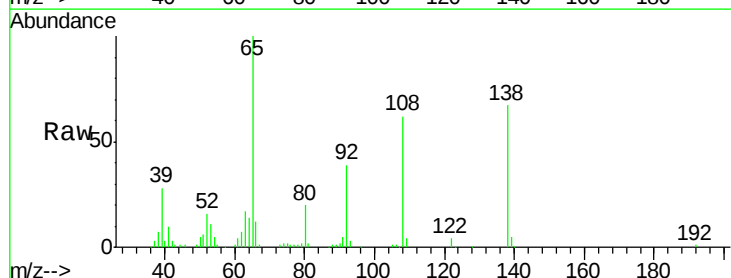
Tgt Ion: 138 Resp: 63170

Ion Ratio Lower Upper

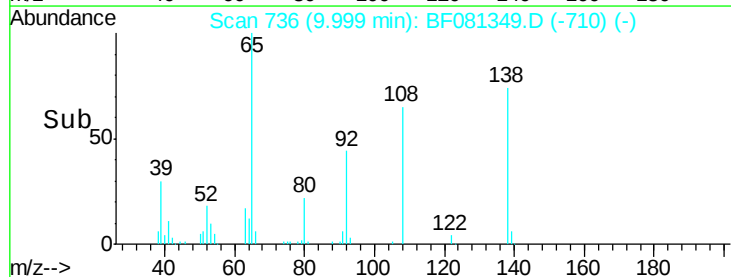
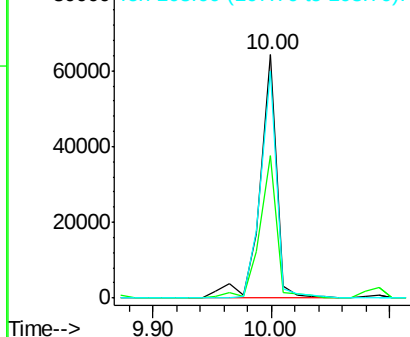
138 100

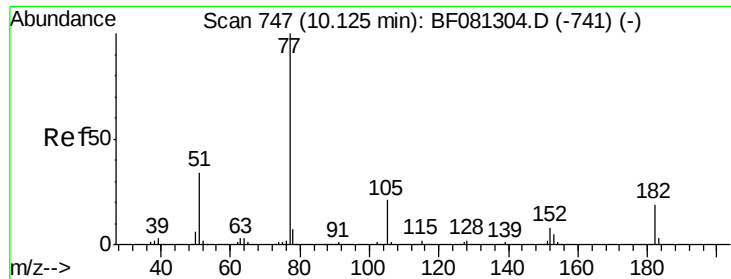
92 58.6 12.6 52.6#

108 93.2 12.4 52.4#



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





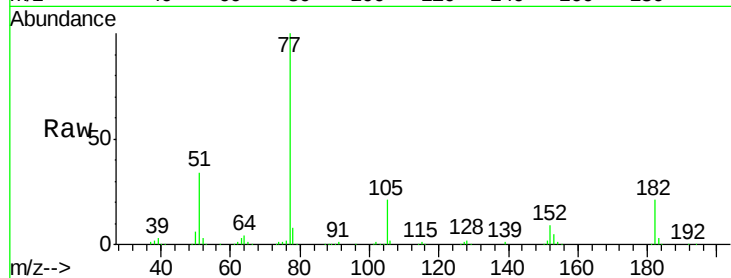
#62
Azobenzene
Concen: 35.43 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

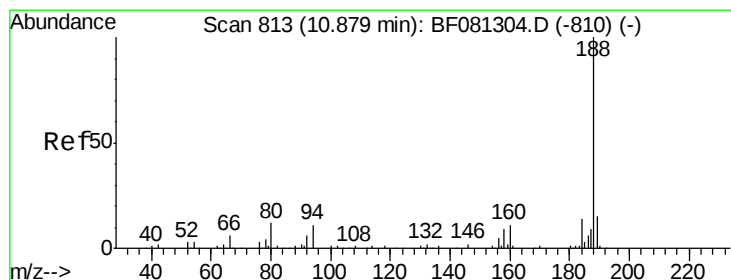
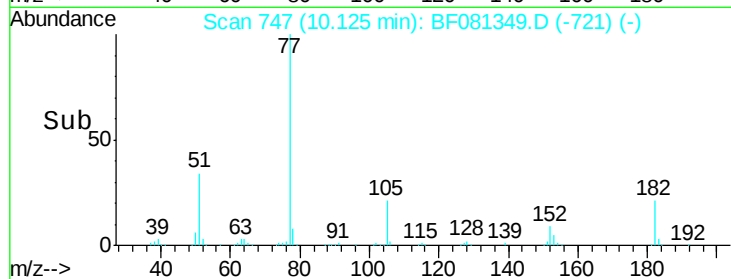
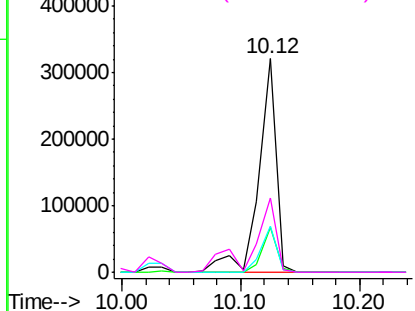
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	332635		
182	21.2	15.1	55.1	
105	21.5	3.4	43.4	
51	34.5	12.0	52.0	

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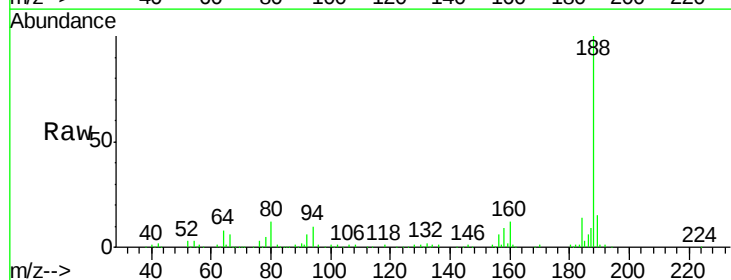


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

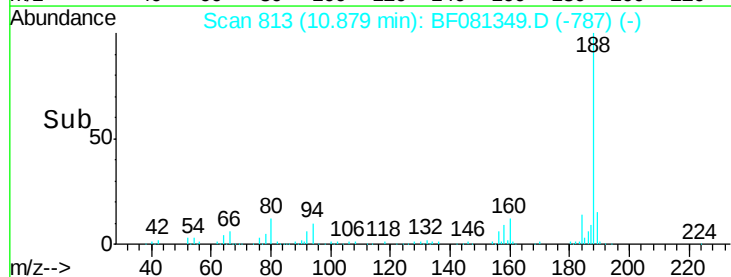
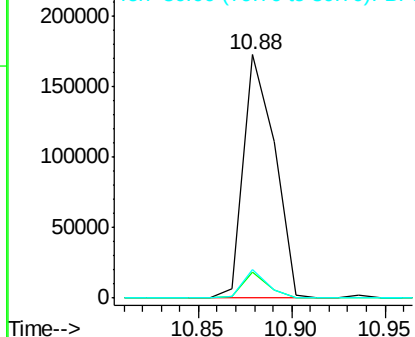


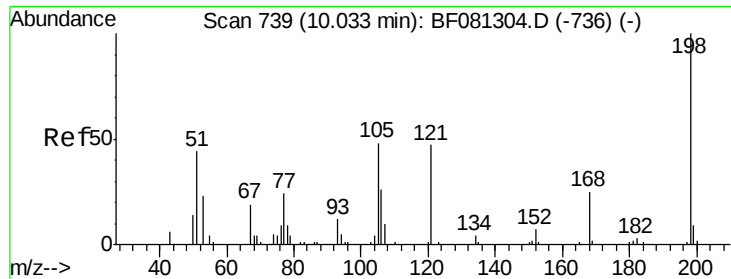
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	200891		
94	10.4	11.1	16.7#	
80	11.8	11.0	16.4	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





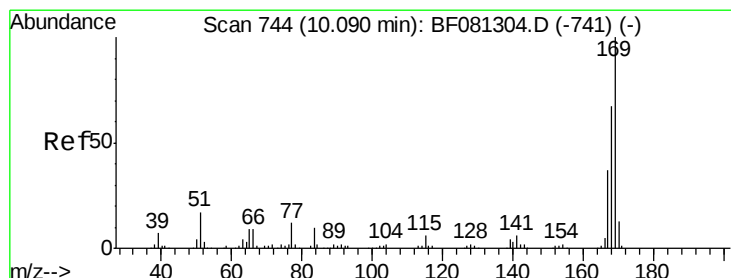
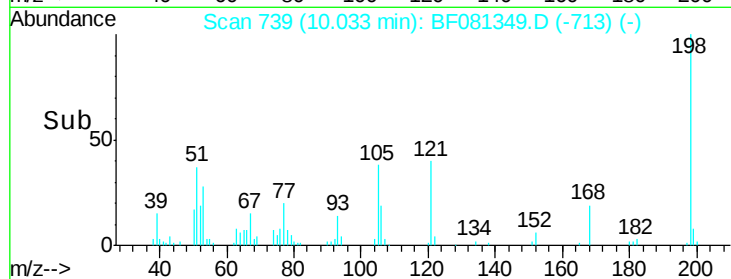
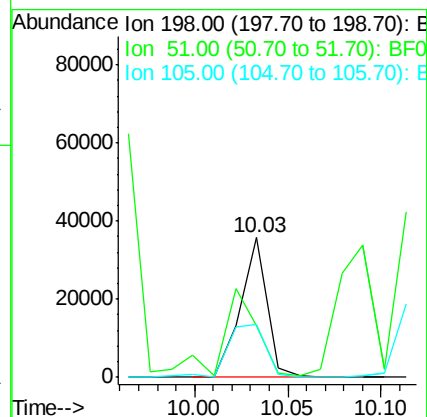
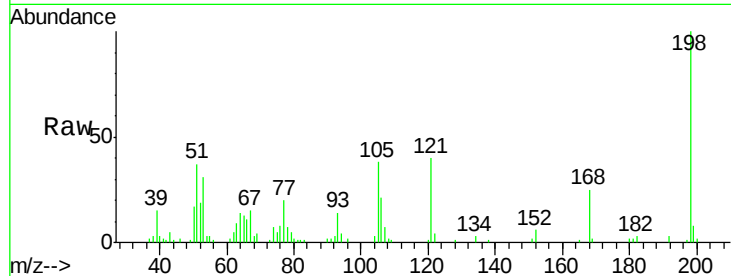
#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.77 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.0	39.6	79.6#
105	38.2	28.5	68.5

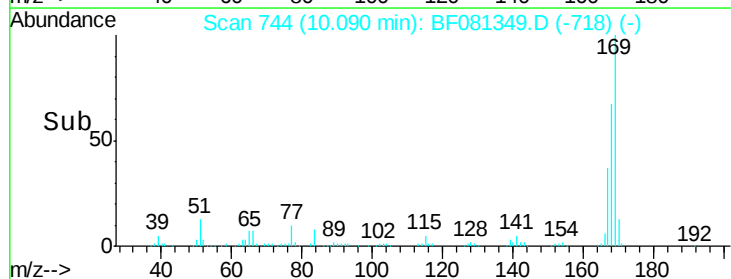
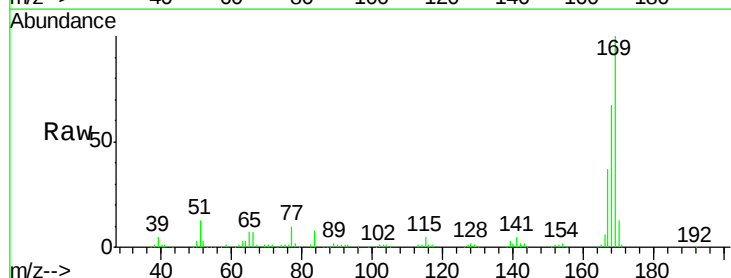
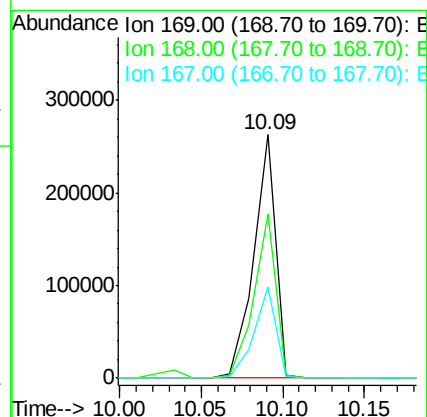
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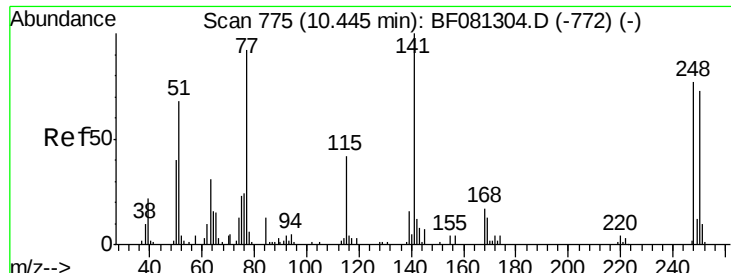
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#65
 n-Nitrosodiphenylamine
 Concen: 33.59 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	48.9	73.3
167	37.3	26.2	39.4





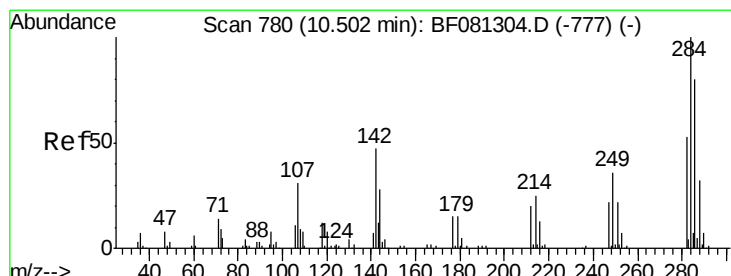
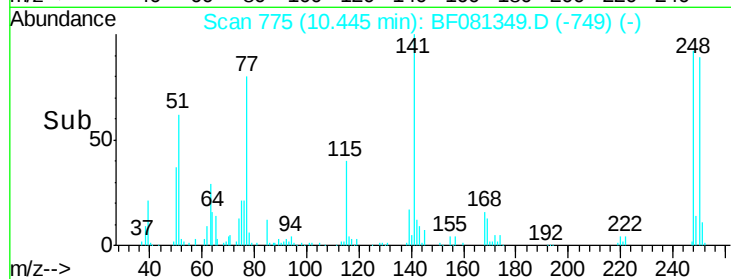
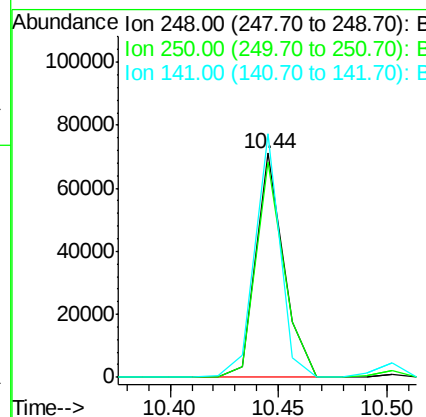
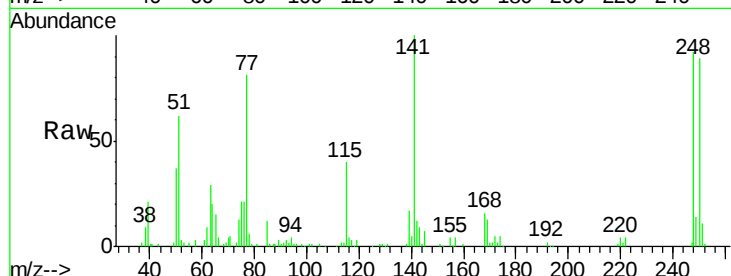
#66
 4-Bromophenyl-phenylether
 Concen: 31.06 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.5	117.7
141	108.7	59.0	88.6#

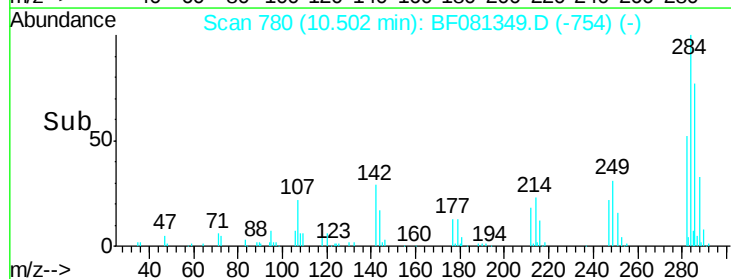
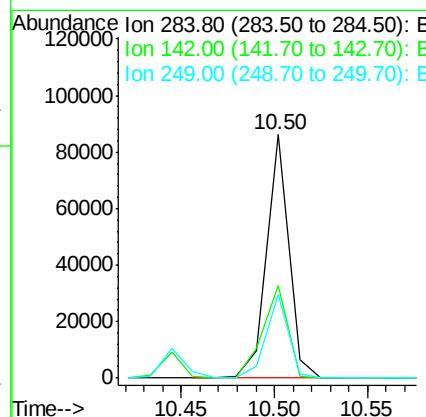
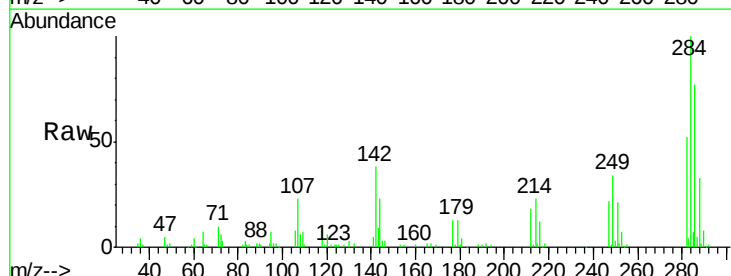
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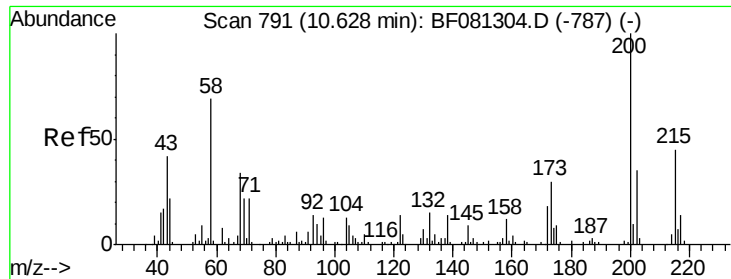
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#67
 Hexachlorobenzene
 Concen: 33.23 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	29.5	44.3
249	34.3	19.5	29.3#





#68

Atrazine

Concen: 29.84 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF081349.D

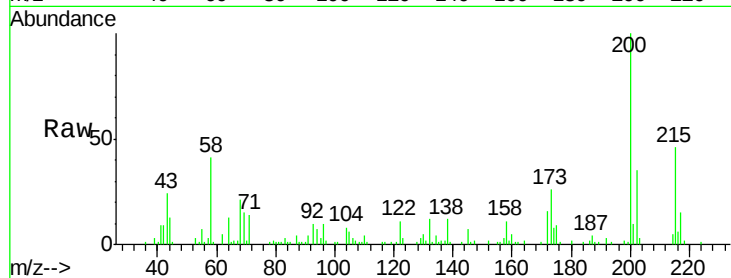
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

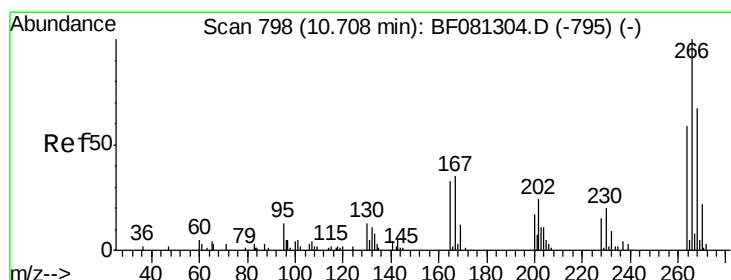
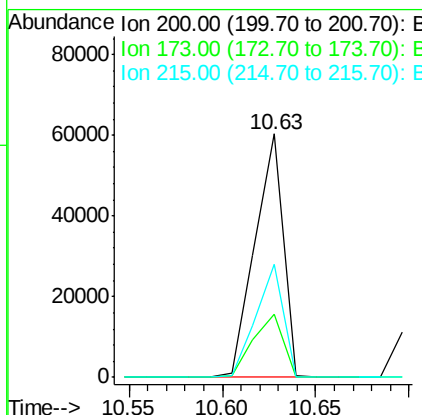
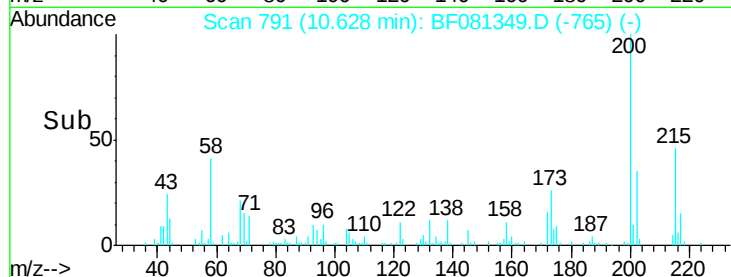
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	13.2	53.2
215	46.5	41.8	81.8

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#69

Pentachlorophenol

Concen: 69.22 ng

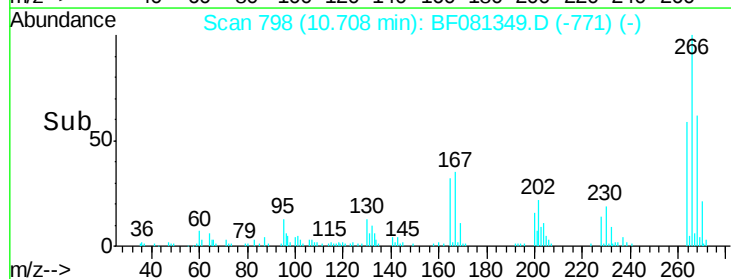
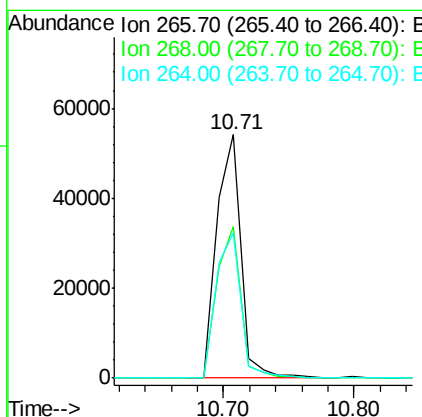
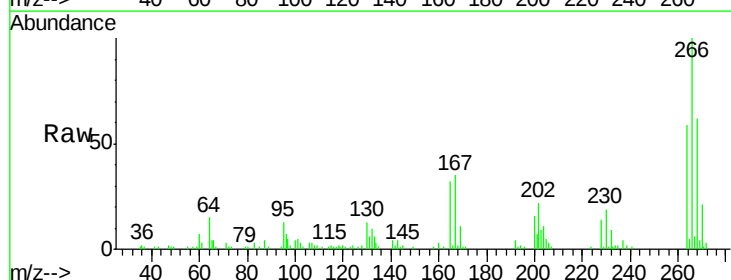
RT: 10.71 min Scan# 798

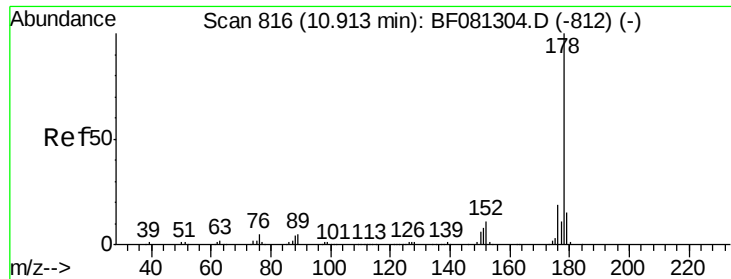
Delta R.T. 0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

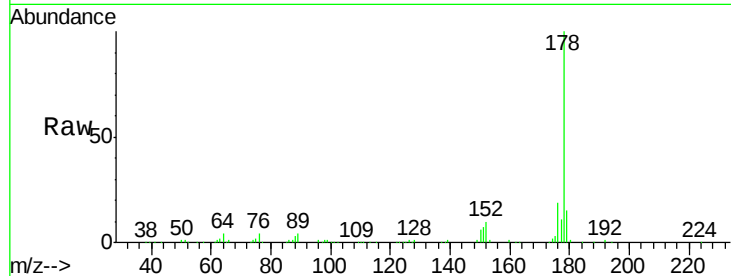
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	49.8	74.6
264	59.4	50.2	75.2





#70
Phenanthrene
Concen: 30.81 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

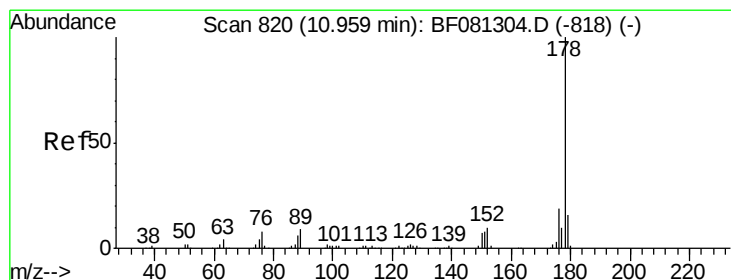
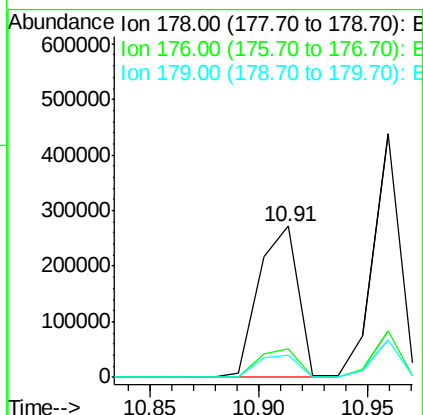
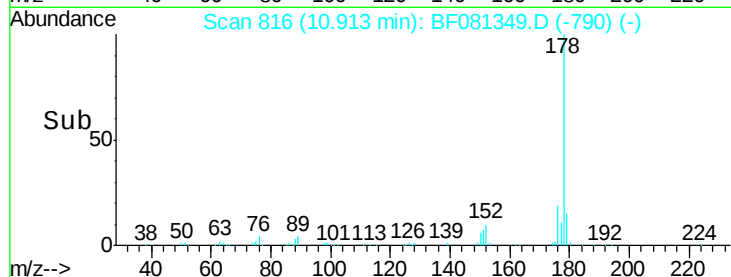
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	14.9	12.2	18.2

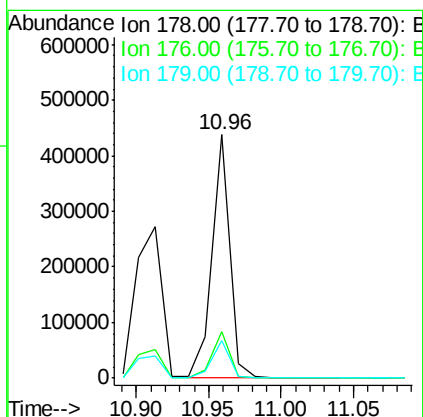
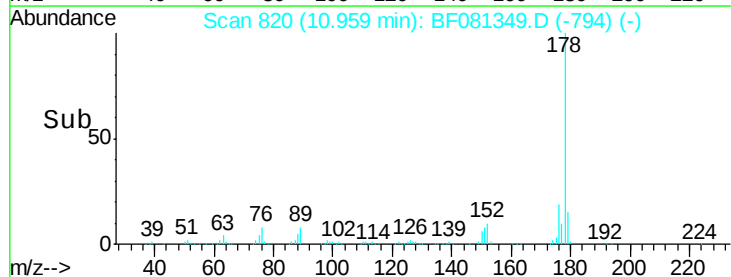
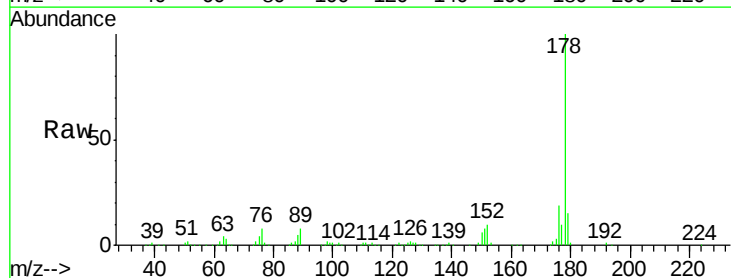
Manual Integrations
APPROVED

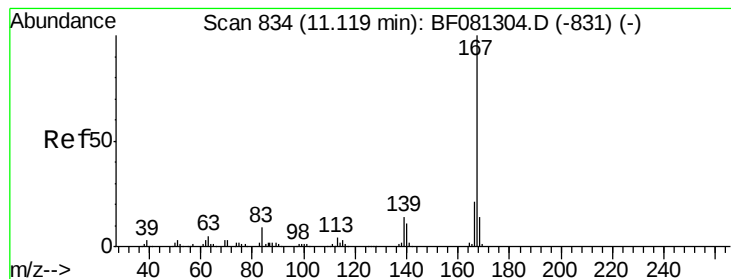
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#71
Anthracene
Concen: 32.37 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.4	12.2	18.2





#72

Carbazole

Concen: 29.96 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

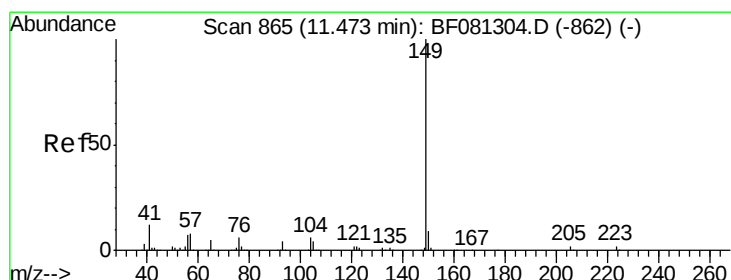
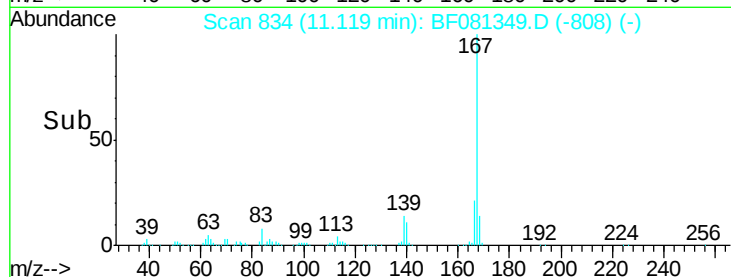
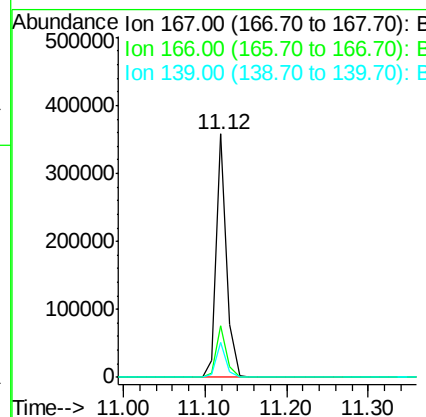
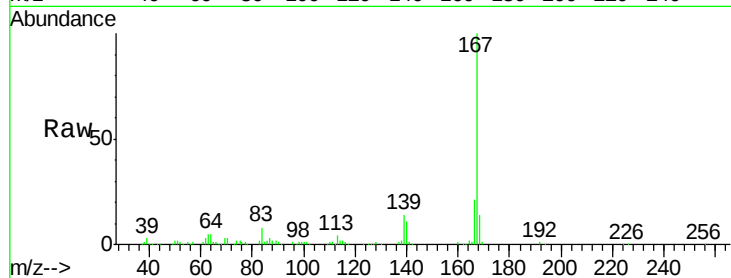
ClientSampleId :

COFF-2-20(0-2)MSD

Manual Integrations
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Tgt Ion:	167	Resp:	322643
Ion Ratio	Lower	Upper	
167	100		
166	21.2	15.7	23.5
139	14.3	9.5	14.3



#73

Di-n-butylphthalate

Concen: 31.30 ng

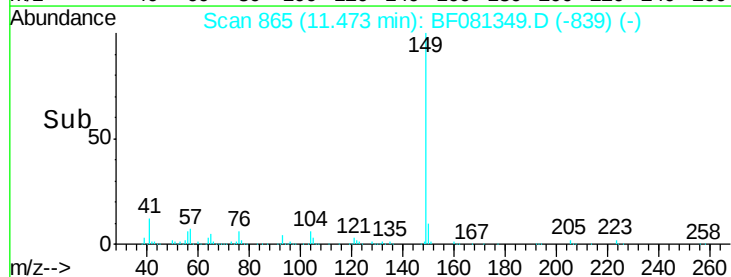
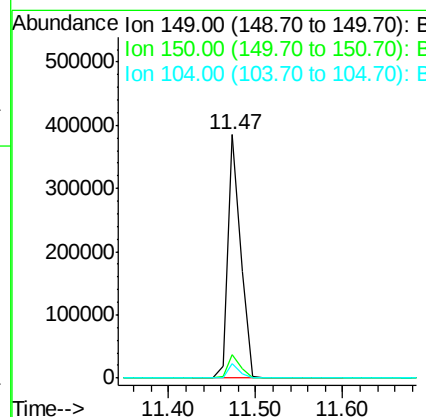
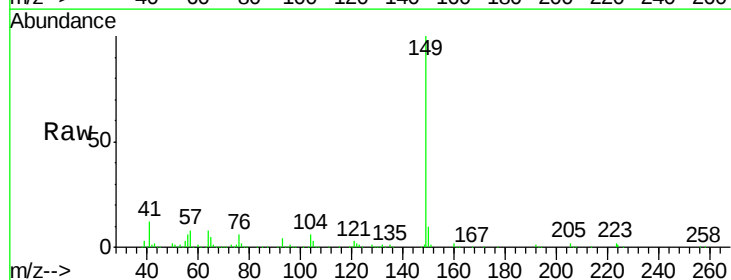
RT: 11.47 min Scan# 865

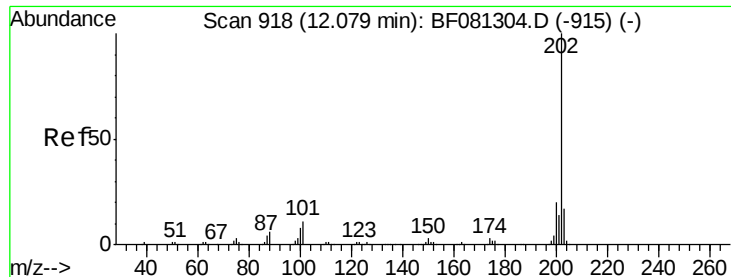
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion:	149	Resp:	397978
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	6.0	2.4	3.6#





#74

Fluoranthene

Concen: 30.03 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081349.D

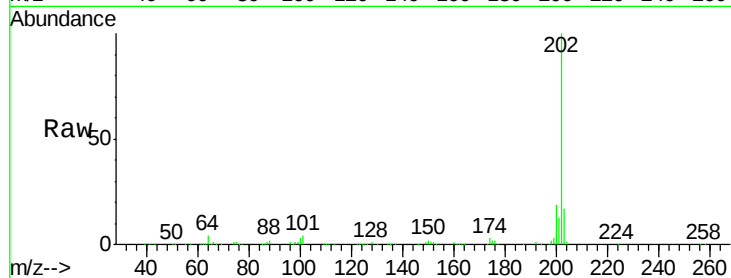
Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

ClientSampleId :

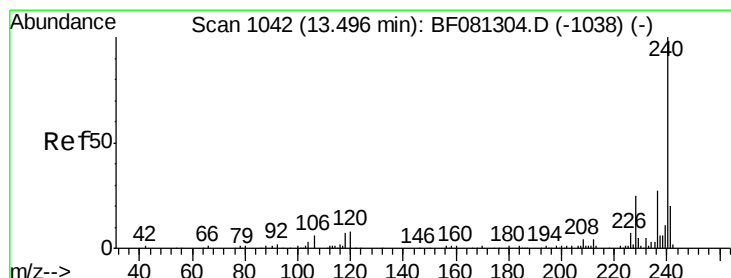
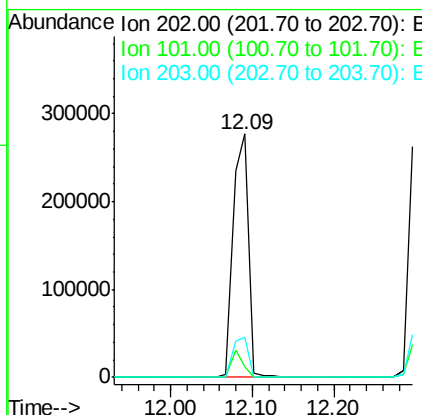
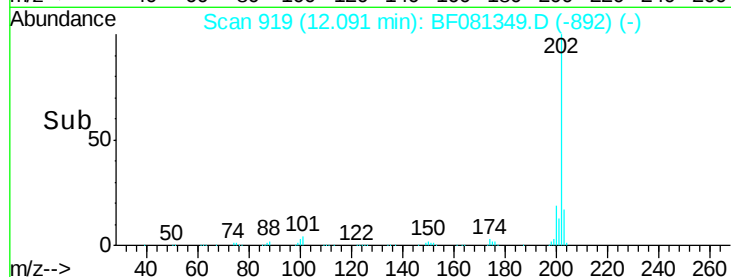
COFF-2-20(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	363132		
101	4.2	0.0	38.3	
203	16.7	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

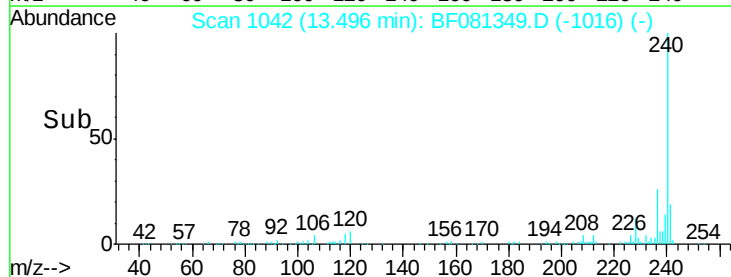
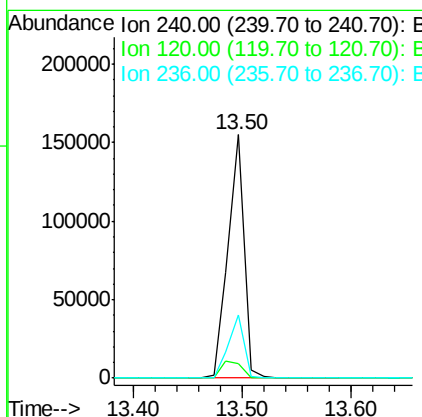
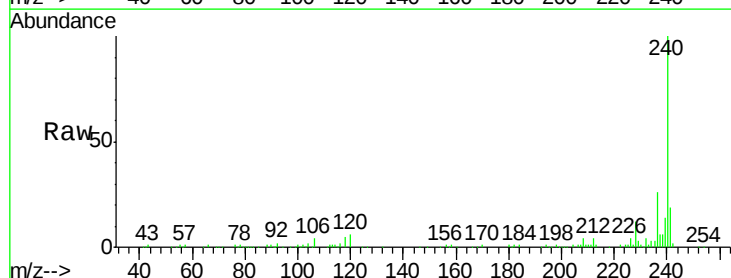
RT: 13.50 min Scan# 1042

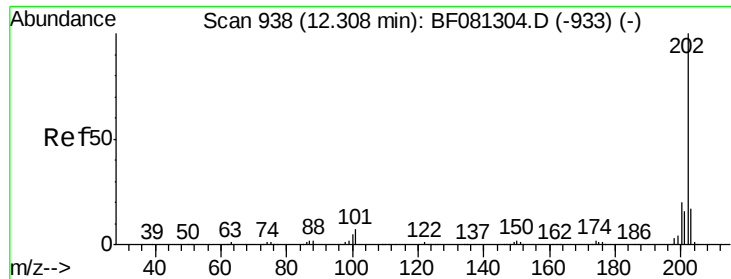
Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	159064		
120	6.0	16.2	24.2#	
236	25.8	18.4	27.6	





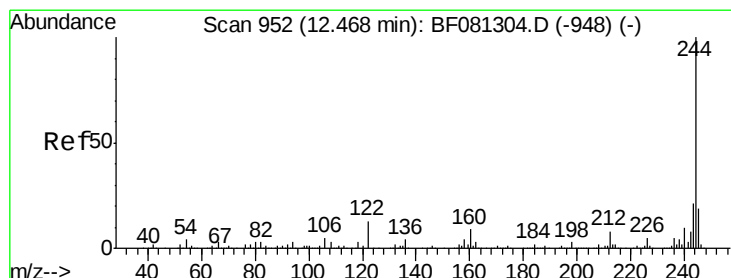
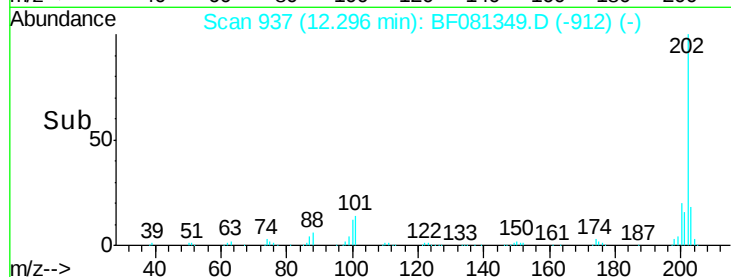
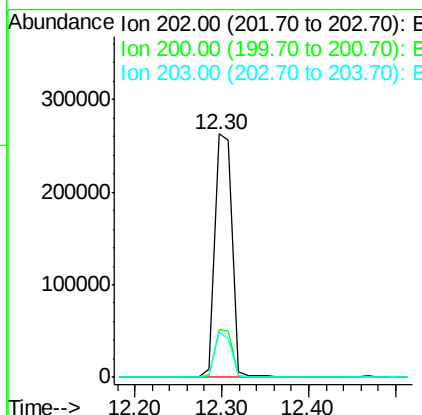
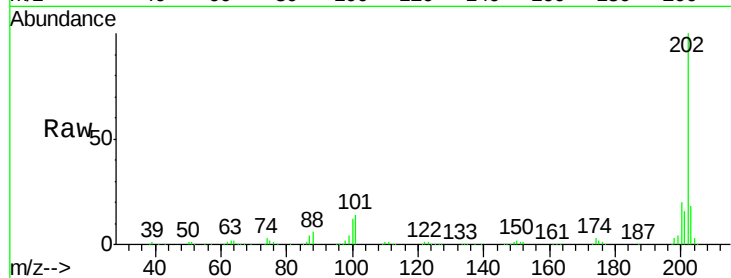
#77
 Pyrene
 Concen: 31.57 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	15.0	22.4
203	18.5	14.1	21.1

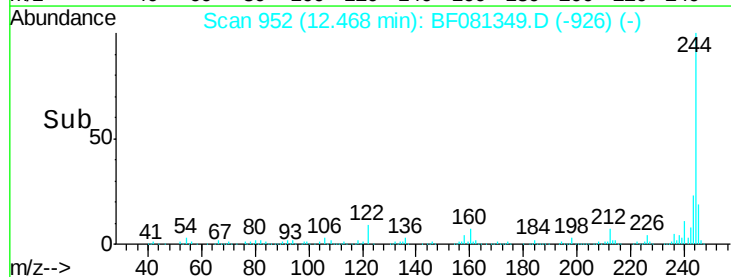
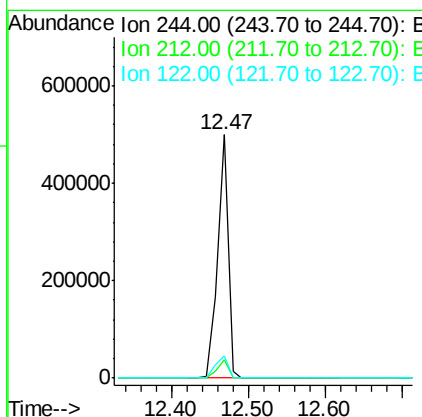
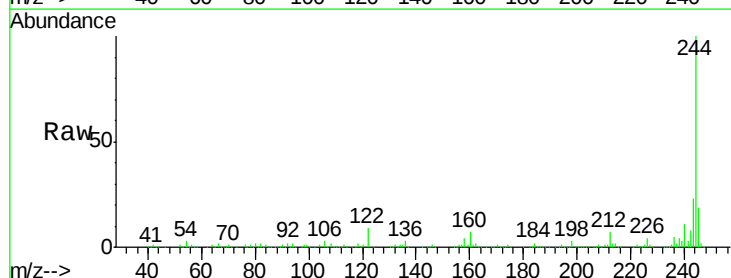
Manual Integrations
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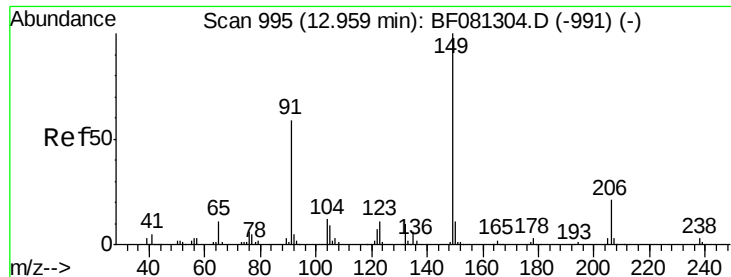
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#78
 Terphenyl-d14
 Concen: 69.41 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	4.3	6.5#
122	9.2	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 31.30 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

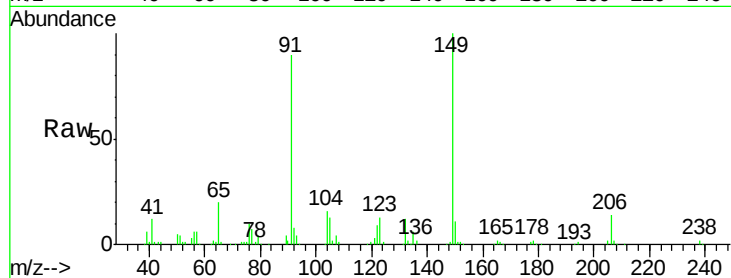
ClientSampleId :

COFF-2-20(0-2)MSD

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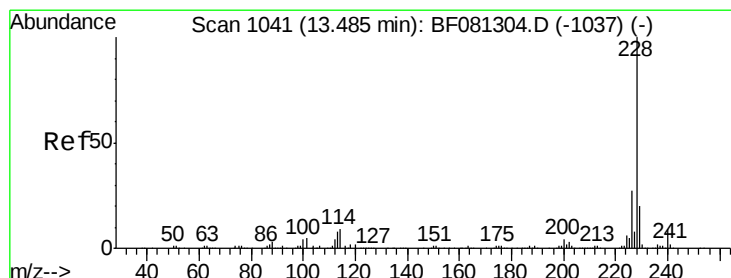
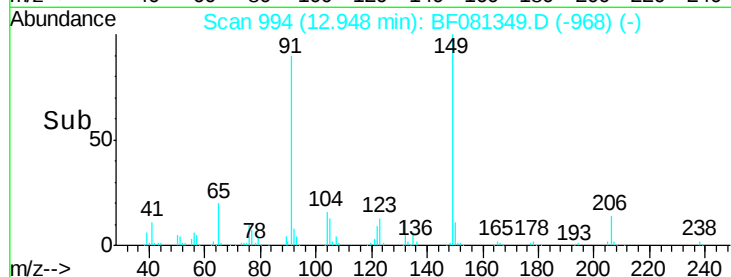
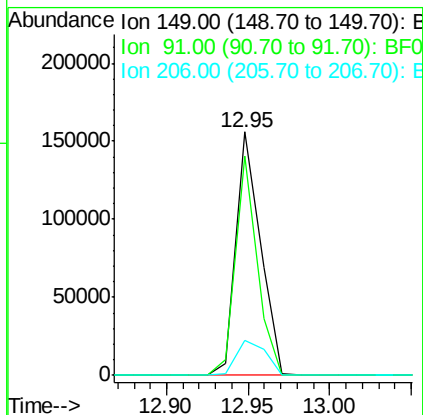
Tgt Ion:149 Resp: 160411

Ion Ratio Lower Upper

149 100

91 89.8 48.6 72.8#

206 14.3 14.9 22.3#



#80

Benzo(a)anthracene

Concen: 30.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

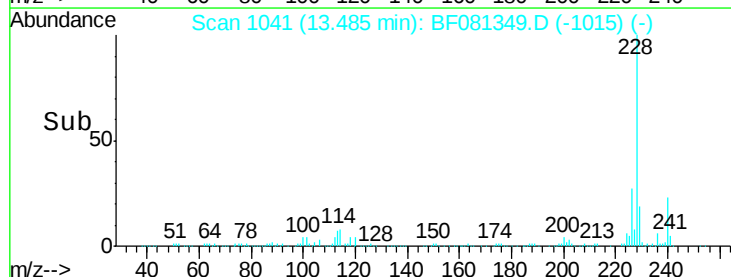
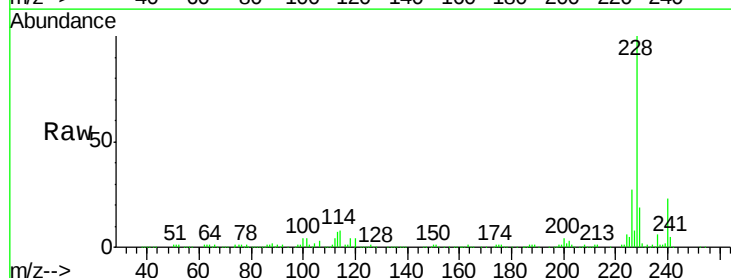
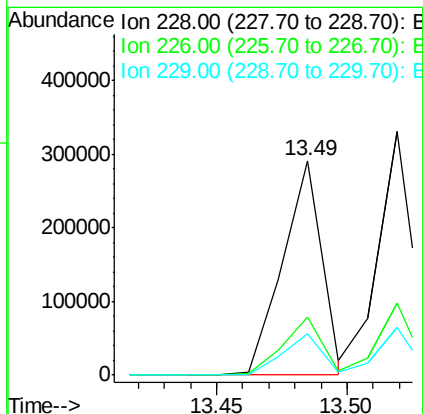
Tgt Ion:228 Resp: 303877

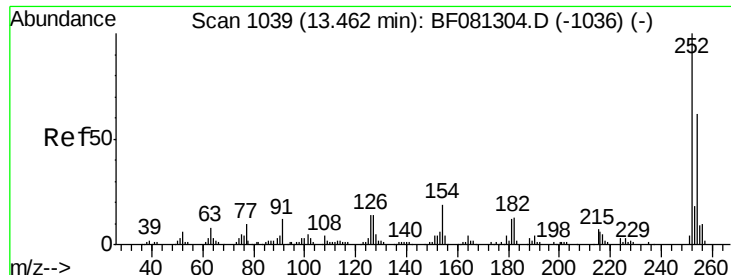
Ion Ratio Lower Upper

228 100

226 27.3 20.0 30.0

229 19.5 15.4 23.2





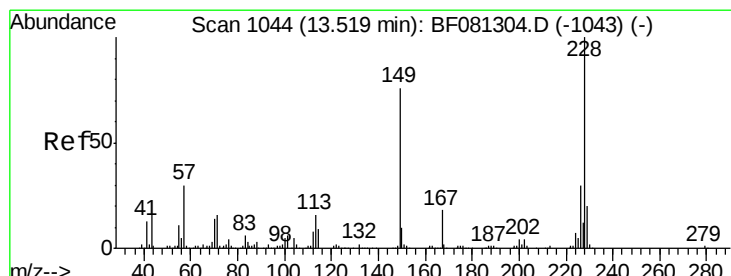
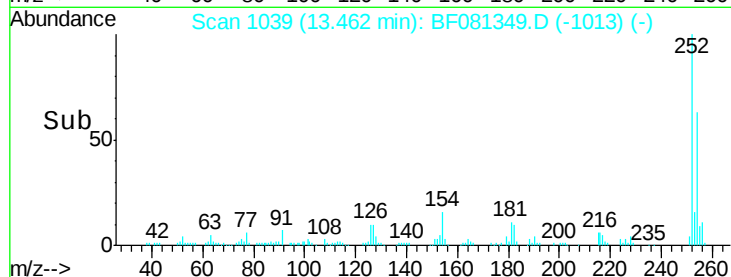
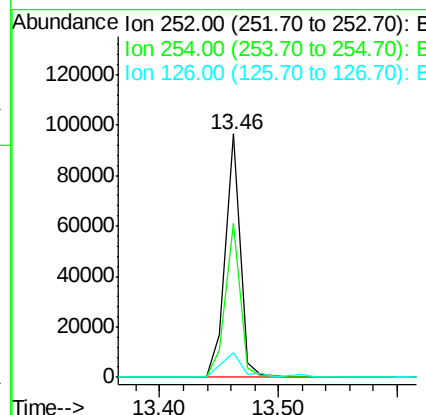
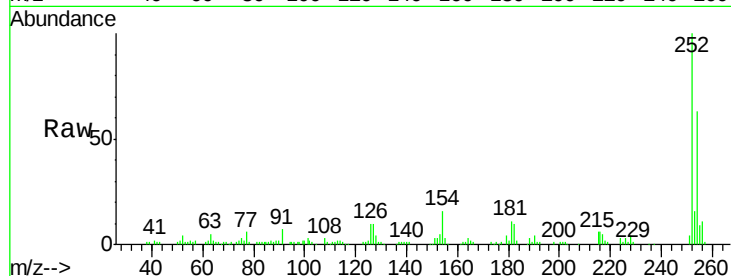
#81
 3,3'-Dichlorobenzidine
 Concen: 24.39 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	10.4	16.4	24.6

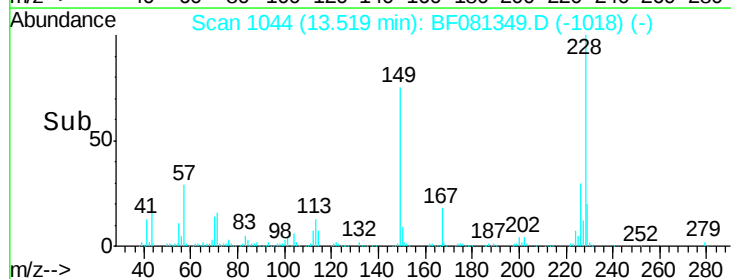
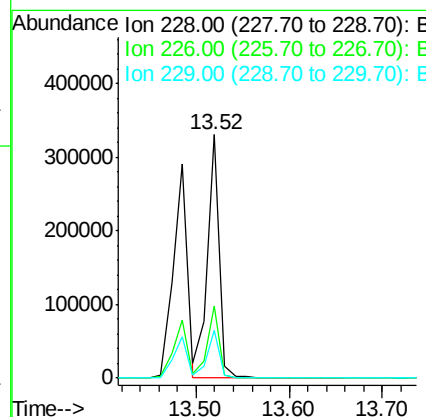
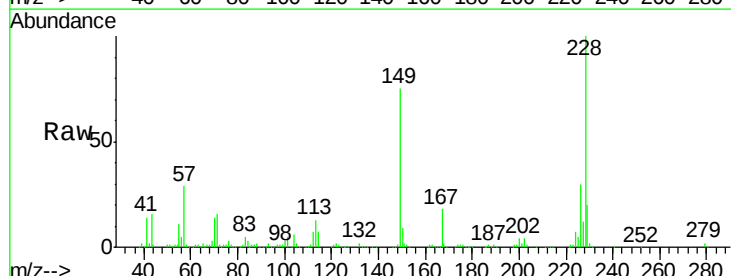
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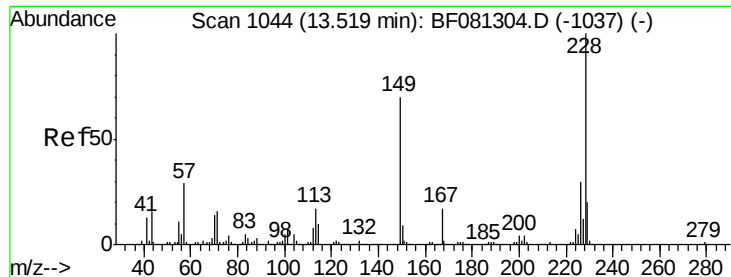
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#82
 Chrysene
 Concen: 32.64 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	19.6	15.6	23.4





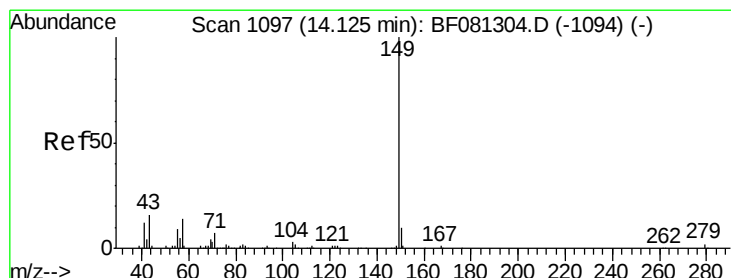
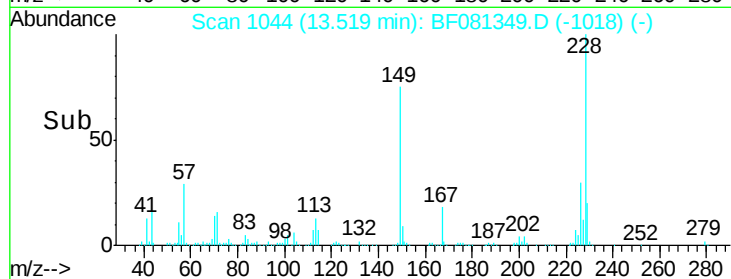
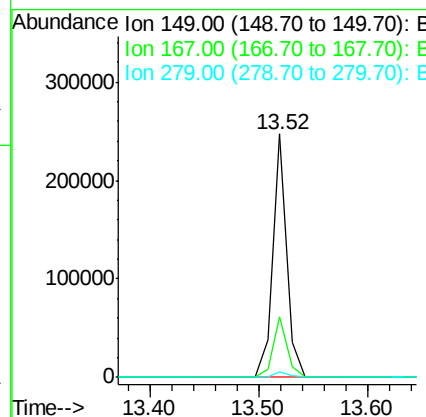
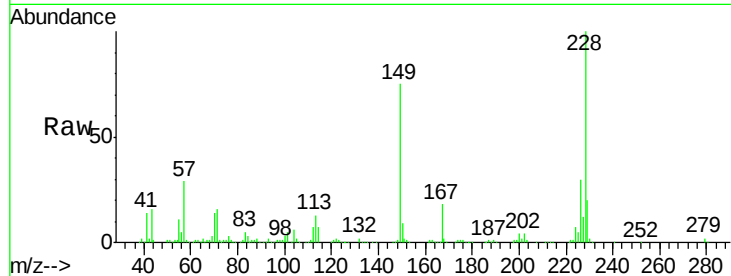
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.96 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	222905		
167	24.7	24.2	36.2	
279	2.2	3.8	5.6	

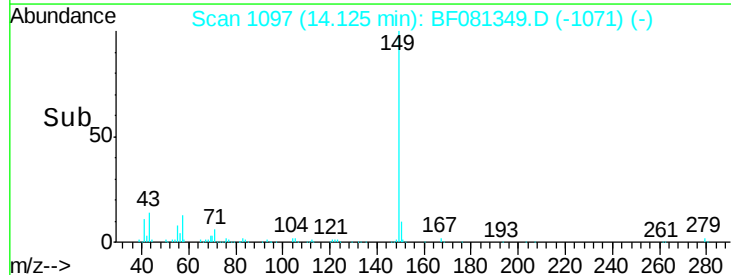
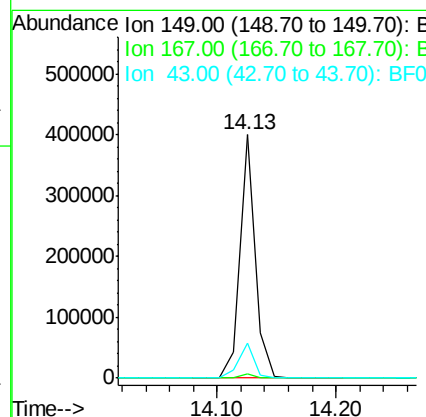
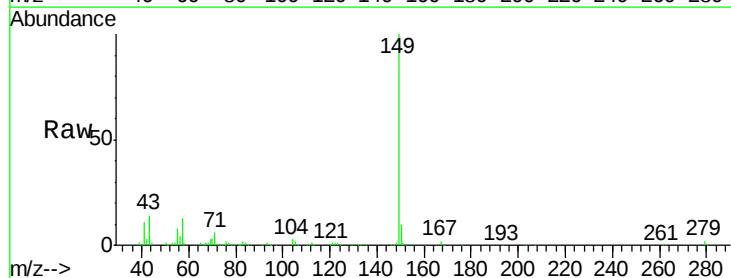
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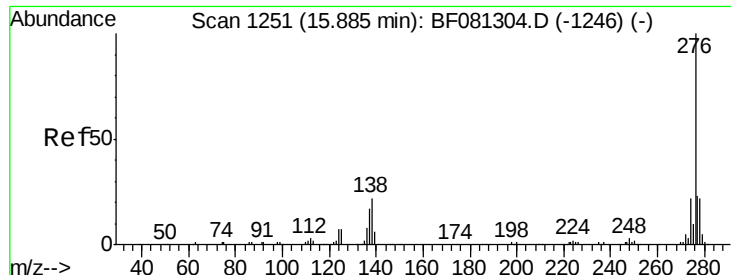
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#84
 Di-n-octyl phthalate
 Concen: 32.16 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	358086		
167	1.5	1.0	1.6	
43	14.3	10.2	15.2	





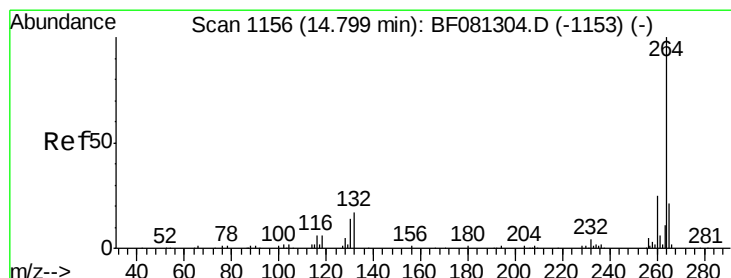
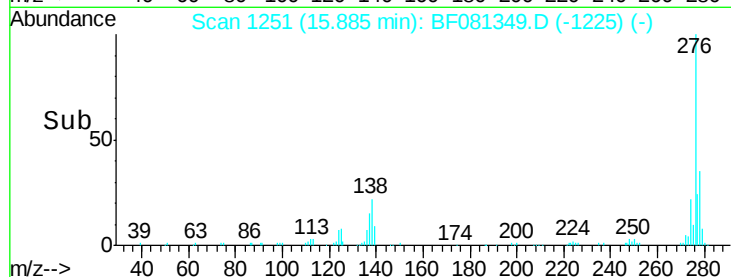
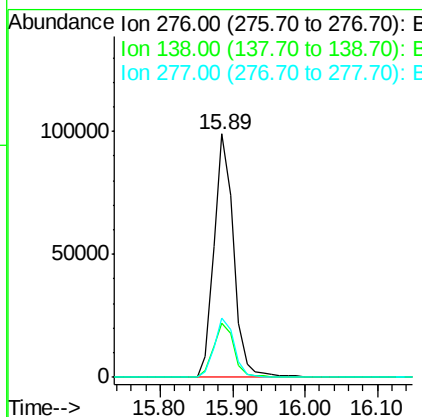
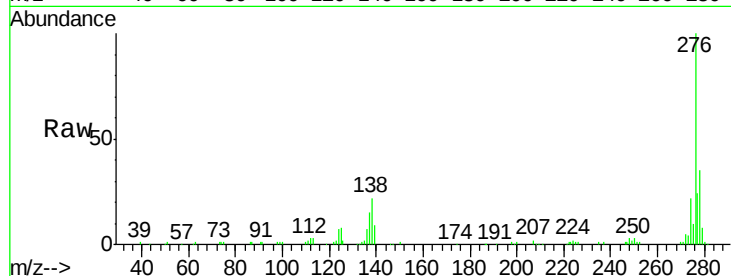
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.83 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	185389		
138	23.4	25.7	38.5#	
277	24.7	15.6	23.4#	

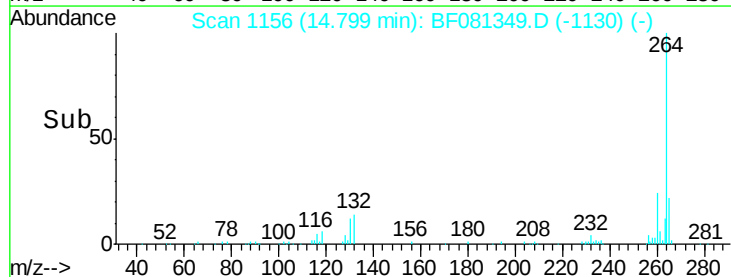
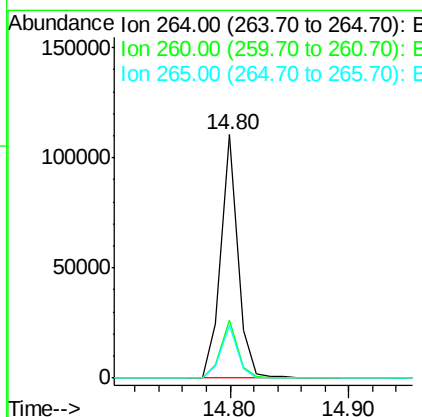
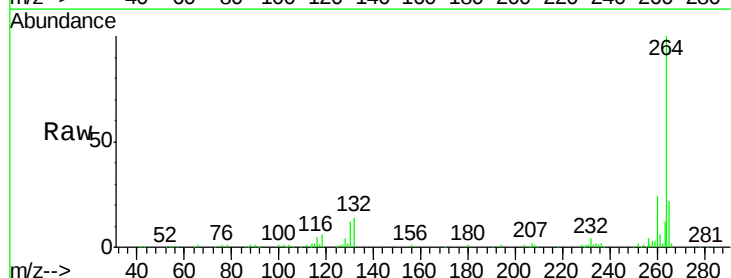
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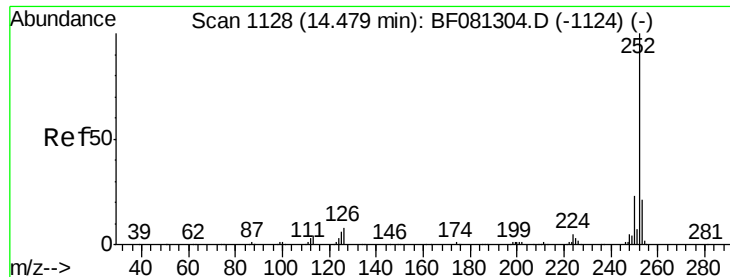
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	110730		
260	24.0	16.7	25.1	
265	21.7	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 26.99 ng m

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Instrument :

BNA_F

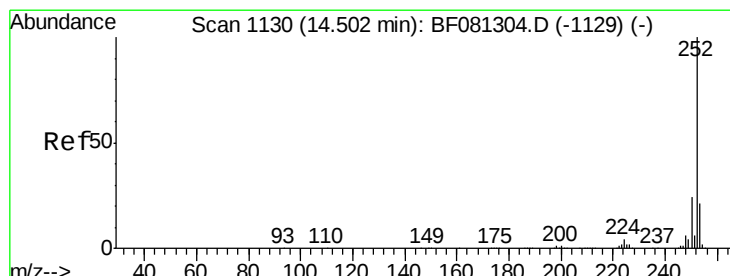
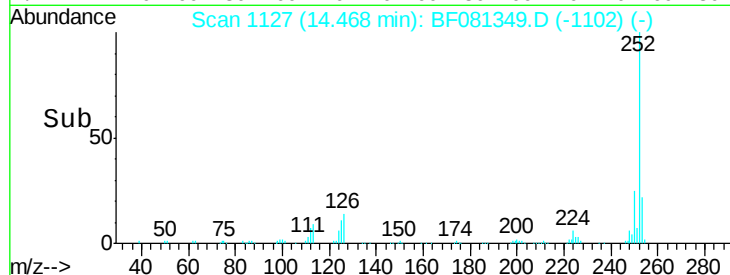
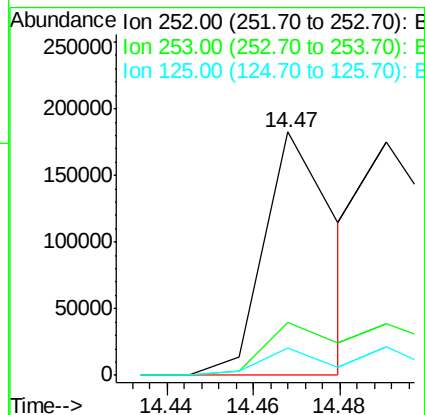
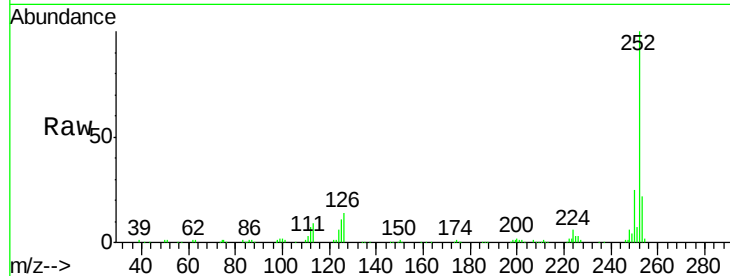
ClientSampleId :

COFF-2-20(0-2)MSD

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.0	17.1	25.7#



#88

Benzo(k)fluoranthene

Concen: 32.13 ng m

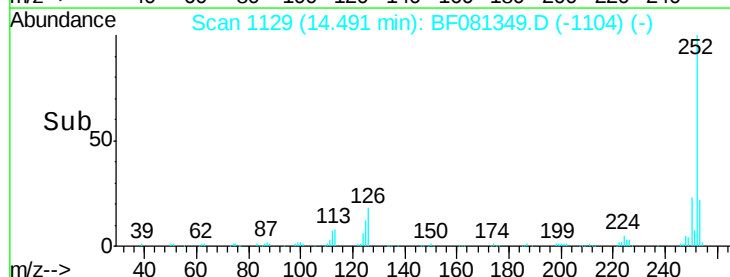
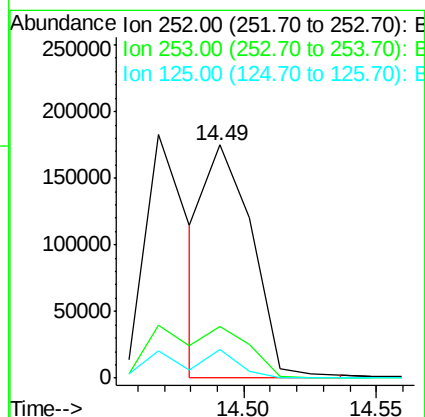
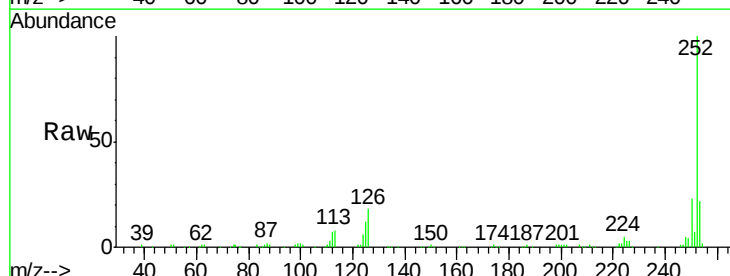
RT: 14.49 min Scan# 1129

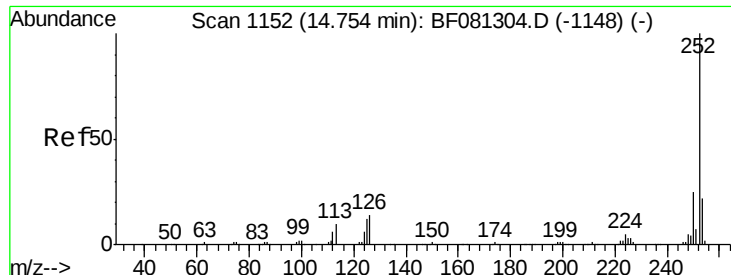
Delta R.T. -0.01 min

Lab File: BF081349.D

Acq: 2 Sep 2015 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	12.1	16.0	24.0#





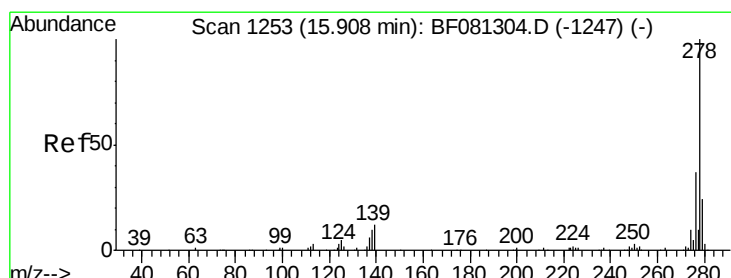
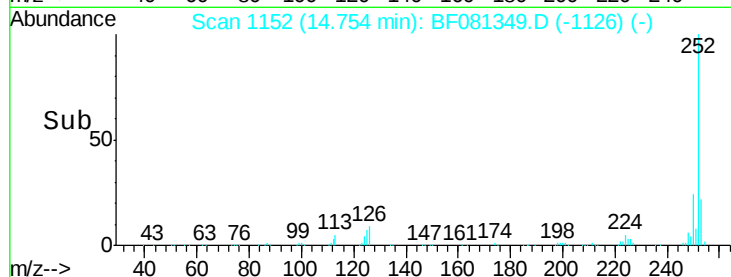
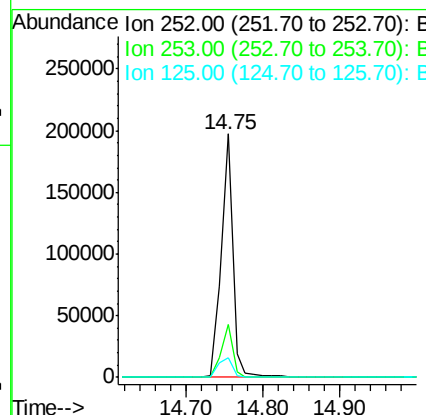
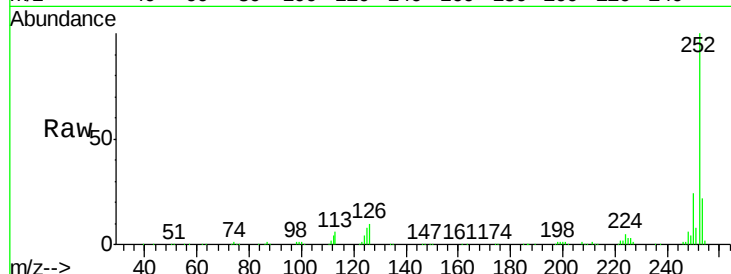
#89
Benzo(a)pyrene
Concen: 31.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	7.8	18.0	27.0

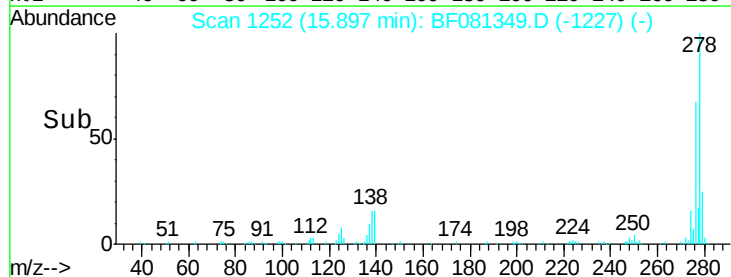
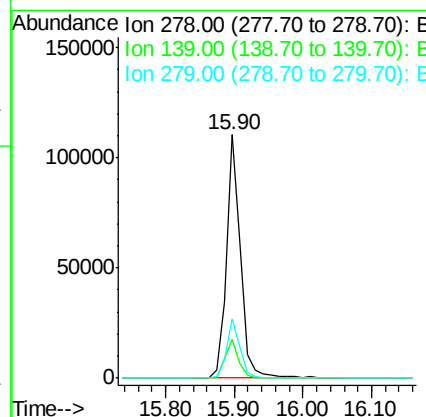
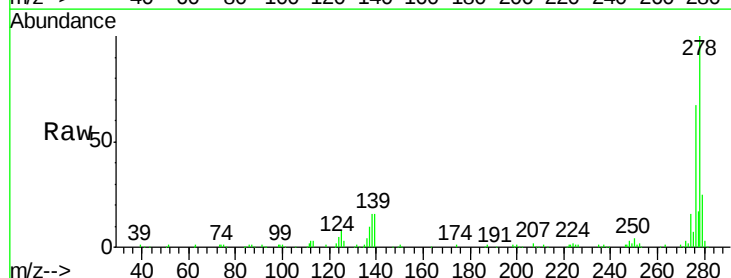
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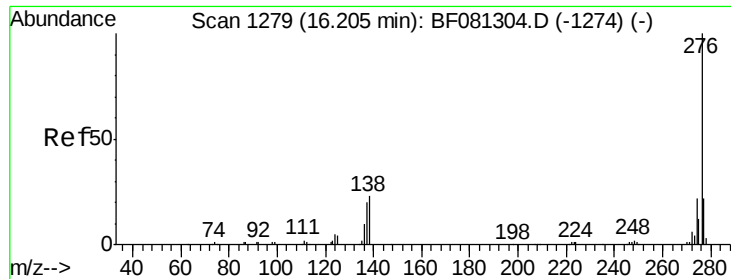
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#90
Dibenzo(a,h)anthracene
Concen: 30.70 ng
RT: 15.90 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF081349.D
Acq: 2 Sep 2015 15:29

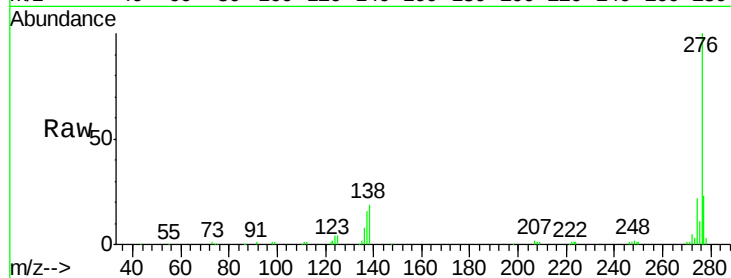
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	26.3	39.5
279	24.5	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 30.36 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081349.D
 Acq: 2 Sep 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MSD



Tgt Ion:	276	Resp:	149976
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.8	26.6
138	18.7	34.6	51.8#

Manual Integrations
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