

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086797.D
 Acq On : 8 May 2016 2:22
 Operator : UM/SJ
 Sample : H2882-03MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:11 PM

Quant Time: May 09 17:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	171765	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	698394	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	329461	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	554079	40.00	ng	0.00
75) Chrysene-d12	13.85	240	348974	40.00	ng	0.00
86) Perylene-d12	15.23	264	313044	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	718103	69.21	ng	0.01
7) Phenol-d6	6.36	99	620421	44.39	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1240536	91.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	401069	124.44	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1826486	90.88	ng	0.00
78) Terphenyl-d14	12.81	244	1661410	96.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	88401	16.48	ng	# 75
3) Pyridine	2.99	79	199802	15.19	ng	# 65
4) n-Nitrosodimethylamine	2.91	42	171818	21.54	ng	# 53
6) Aniline	6.37	93	343804	19.93	ng	# 72
8) 2-Chlorophenol	6.50	128	443745	35.64	ng	97
9) Benzaldehyde	6.26	77	64923	9.31	ng	98
10) Phenol	6.38	94	235123	15.38	ng	# 51
11) bis(2-Chloroethyl)ether	6.45	93	517464	39.32	ng	98
12) 1,3-Dichlorobenzene	6.64	146	463487m	35.06	ng	
13) 1,4-Dichlorobenzene	6.72	146	472752m	34.58	ng	
14) 1,2-Dichlorobenzene	6.88	146	470105	39.50	ng	100
15) Benzyl Alcohol	6.86	79	318653	35.24	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1106273	41.11	ng	81
17) 2-Methylphenol	6.99	107	311271	31.05	ng	# 74
18) Hexachloroethane	7.21	117	179656	34.81	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	469885	49.21	ng	# 76
20) 3+4-Methylphenols	7.15	107	378418	32.24	ng	# 60
22) Acetophenone	7.13	105	785465	48.27	ng	98
24) Nitrobenzene	7.30	77	648881	46.18	ng	99
25) Isophorone	7.54	82	1151369	45.49	ng	99
26) 2-Nitrophenol	7.62	139	277354	44.24	ng	97
27) 2,4-Dimethylphenol	7.66	122	385398	35.01	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	726045	52.12	ng	98
29) 2,4-Dichlorophenol	7.87	162	404467	42.73	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	444992	42.14	ng	99
31) Naphthalene	8.02	128	1478019	41.42	ng	100
32) Benzoic acid	7.78	122	68613	21.59	ng	# 82
33) 4-Chloroaniline	8.08	127	272599	19.72	ng	96
34) Hexachlorobutadiene	8.13	225	242068	40.38	ng	99
35) Caprolactam	8.46	113	24345	8.31	ng	# 52
36) 4-Chloro-3-methylphenol	8.57	107	425817	39.43	ng	88
37) 2-Methylnaphthalene	8.70	142	976484	46.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	410737	43.07	ng	98
40) Hexachlorocyclopentadiene	8.85	237	379004	85.75	ng	96

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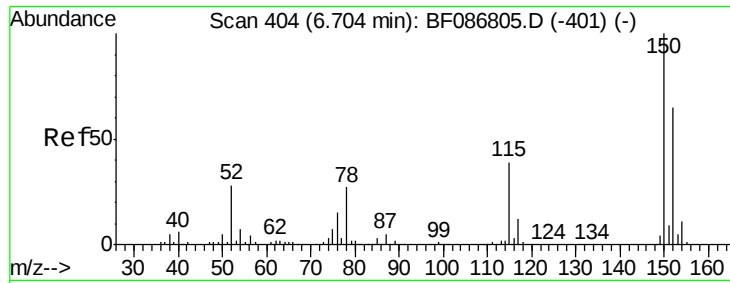
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	279858	46.15	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	293908	46.39	ng	95
45) 1,1'-Biphenyl	9.17	154	1296701	48.14	ng	98
46) 2-Chloronaphthalene	9.20	162	961642	46.27	ng	98
47) 2-Nitroaniline	9.30	65	317786	43.00	ng	# 75
48) Acenaphthylene	9.61	152	1405038	45.53	ng	99
49) Dimethylphthalate	9.48	163	1080371	43.99	ng	99
50) 2,6-Dinitrotoluene	9.54	165	225431	42.77	ng	# 65
51) Acenaphthene	9.78	154	922476	45.32	ng	99
52) 3-Nitroaniline	9.71	138	129749	21.65	ng	# 71
53) 2,4-Dinitrophenol	9.82	184	183949	82.96	ng	91
54) Dibenzofuran	9.95	168	1199540	47.55	ng	95
55) 4-Nitrophenol	9.90	139	106425m	30.46	ng	
56) 2,4-Dinitrotoluene	9.95	165	298192	45.65	ng	# 85
57) Fluorene	10.29	166	1008235	49.31	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	248701	53.45	ng	99
59) Diethylphthalate	10.18	149	1134320	48.80	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	407198	41.89	ng	99
61) 4-Nitroaniline	10.34	138	219021	38.04	ng	89
62) Azobenzene	10.44	77	1225887	47.59	ng	86
64) 4,6-Dinitro-2-methylphenol	10.35	198	138674	49.10	ng	# 42
65) n-Nitrosodiphenylamine	10.41	169	785072	44.62	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	287448	52.20	ng	89
67) Hexachlorobenzene	10.83	284	293107	43.65	ng	# 67
68) Atrazine	10.94	200	287083	53.25	ng	94
69) Pentachlorophenol	11.04	266	272950	83.49	ng	97
70) Phenanthrene	11.24	178	1334259	44.83	ng	100
71) Anthracene	11.30	178	1419057	45.53	ng	99
72) Carbazole	11.46	167	1158538	42.81	ng	98
73) Di-n-butylphthalate	11.79	149	1456517	45.33	ng	# 98
74) Fluoranthene	12.43	202	1418419	47.56	ng	94
76) Benzidine	12.57	184	191843	24.20	ng	96
77) Pyrene	12.66	202	1408318	50.62	ng	99
79) Butylbenzylphthalate	13.28	149	620689	53.26	ng	# 64
80) Benzo(a)anthracene	13.84	228	923394	46.79	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	178278	14.37	ng	# 94
82) Chrysene	13.87	228	936154	44.46	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	771155	57.19	ng	# 95
84) Di-n-octyl phthalate	14.45	149	1408414	70.98	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.53	276	883151	48.89	ng	96
87) Benzo(b)fluoranthene	14.84	252	854566m	45.43	ng	
88) Benzo(k)fluoranthene	14.88	252	921451m	51.99	ng	
89) Benzo(a)pyrene	15.17	252	814324	47.00	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	738755	44.39	ng	# 94
91) Benzo(g,h,i)perylene	16.92	276	734743	42.05	ng	# 90

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



#1

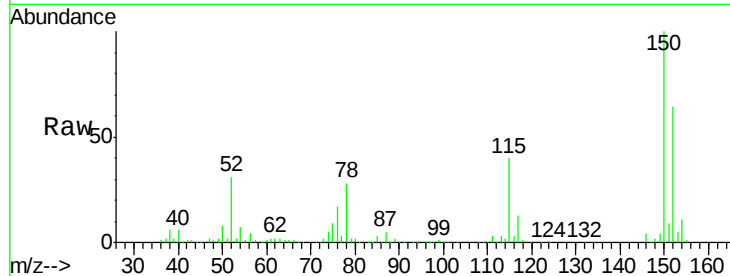
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	171765		
150	155.8	125.8	188.6	
115	63.1	51.5	77.3	

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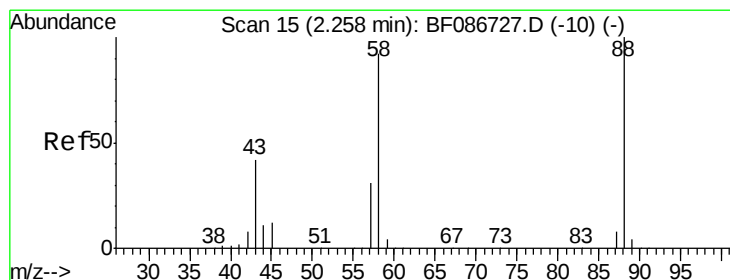
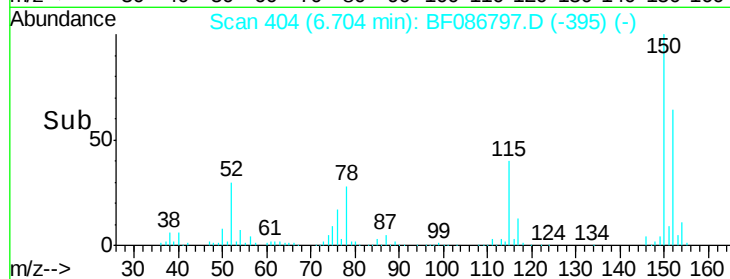
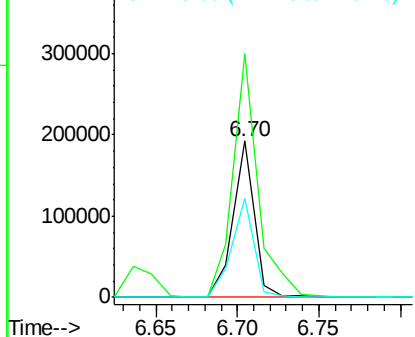


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

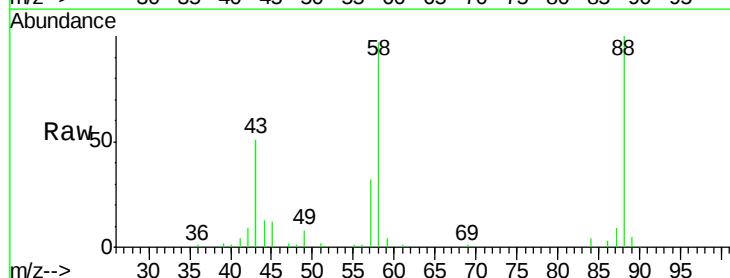
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.48 ng
RT: 2.28 min Scan# 17
Delta R.T. 0.06 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	88401		
58	92.8	59.6	89.4#	
43	45.7	21.8	32.6#	

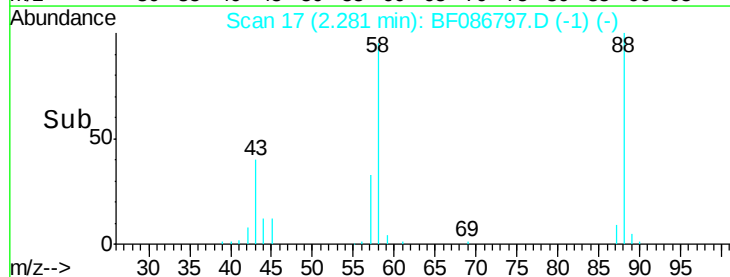
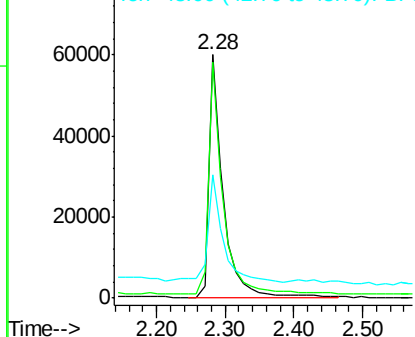


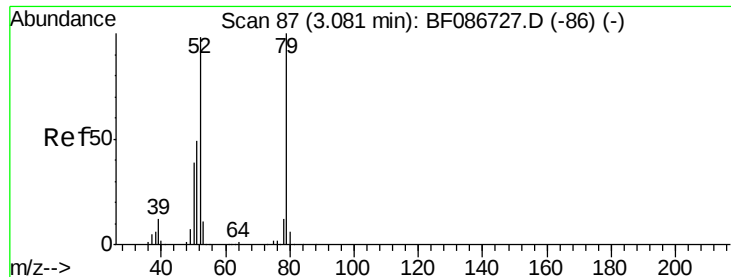
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.19 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.07 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

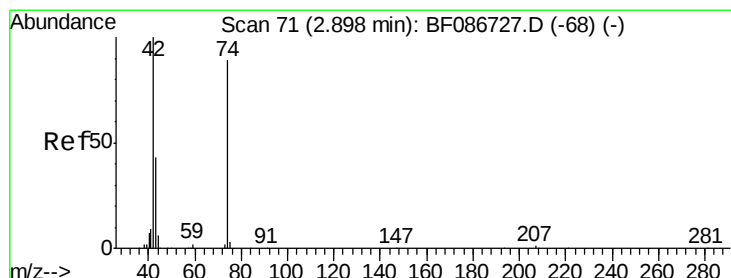
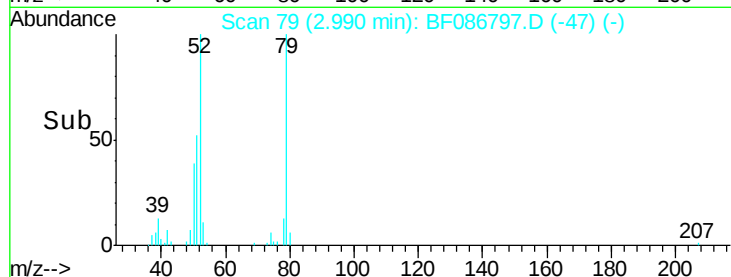
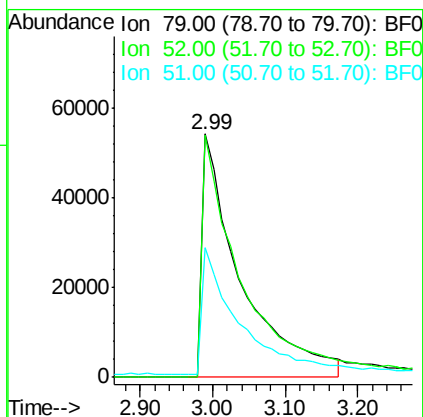
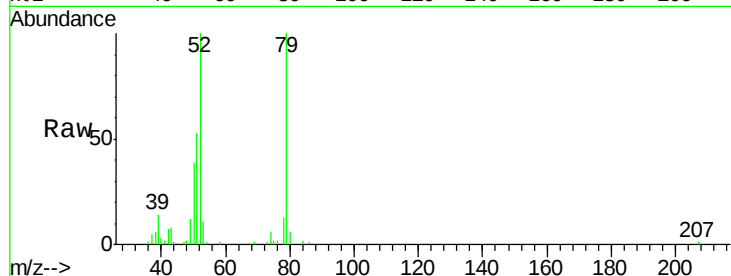
ClientSampleId :

MWHR3-14MSD

Tgt Ion:	79	Resp:	199802
Ion Ratio	Lower	Upper	
79	100		
52	99.7	55.9	83.9#
51	53.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 21.54 ng

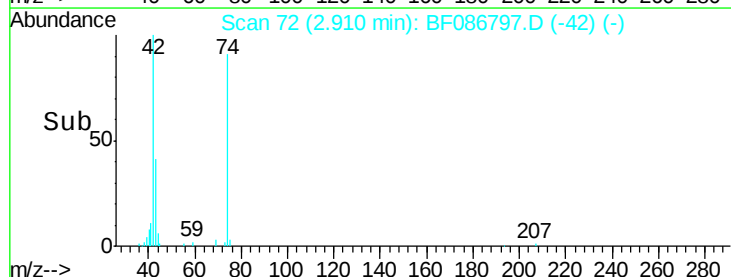
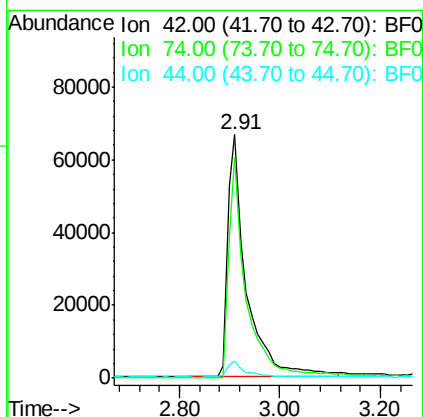
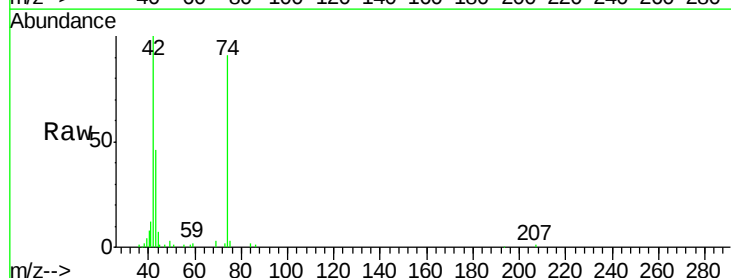
RT: 2.91 min Scan# 72

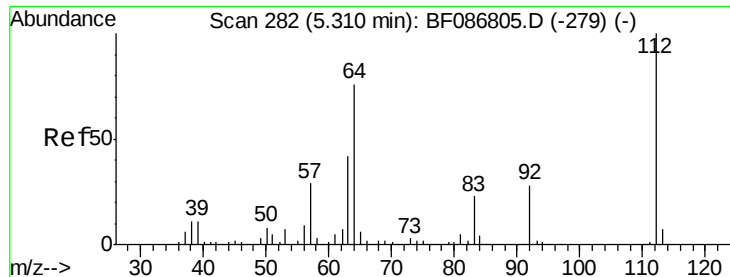
Delta R.T. 0.05 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	42	Resp:	171818
Ion Ratio	Lower	Upper	
42	100		
74	90.8	123.4	185.0#
44	6.9	5.8	8.6





#5

2-Fluorophenol

Concen: 69.21 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086797.D

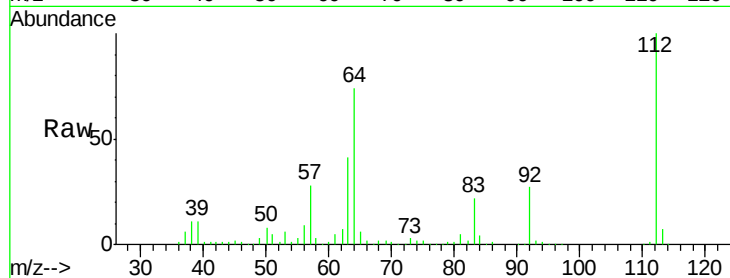
Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

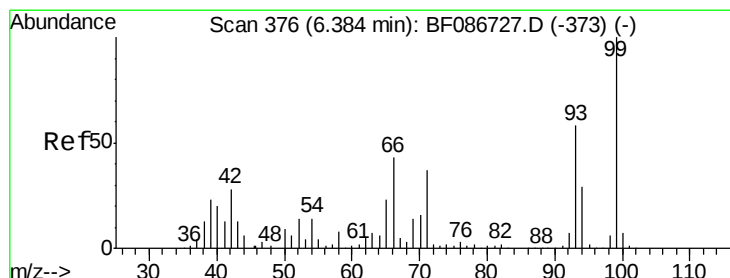
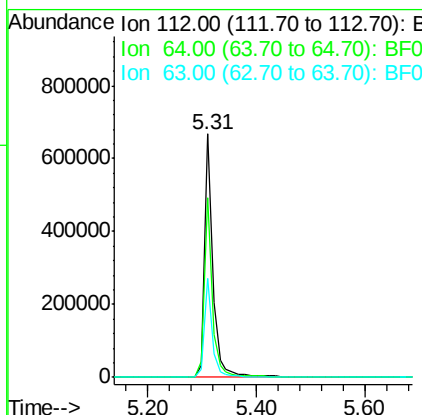
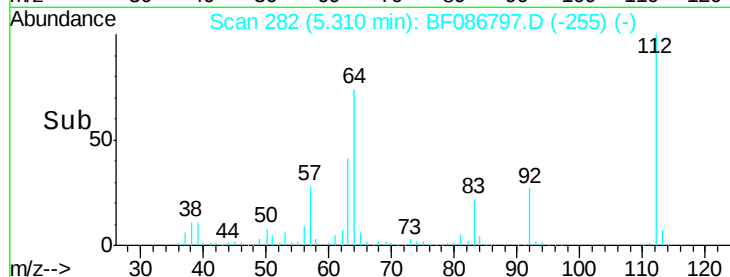
MWHR3-14MSD



Tgt Ion:	112	Resp:	718103
Ion Ratio	Lower	Upper	
112	100		
64	73.8	52.1	78.1
63	40.5	25.7	38.5#

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#6

Aniline

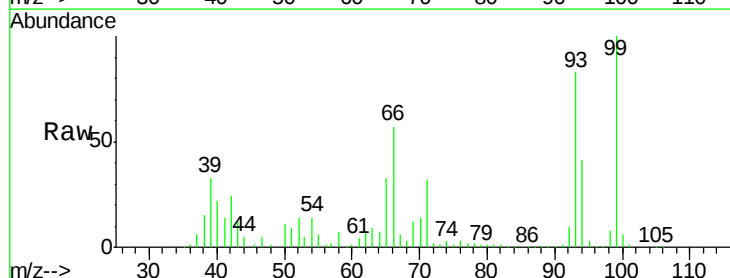
Concen: 19.93 ng

RT: 6.37 min Scan# 375

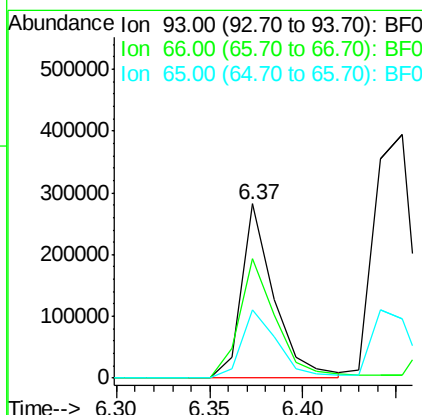
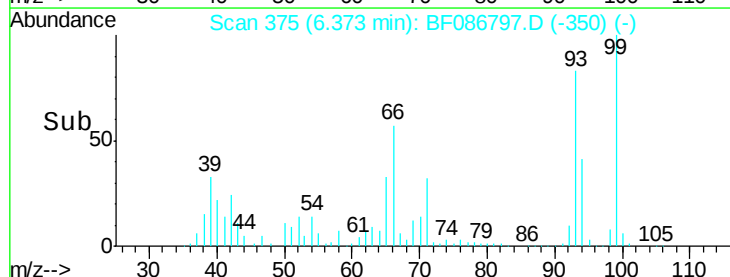
Delta R.T. -0.01 min

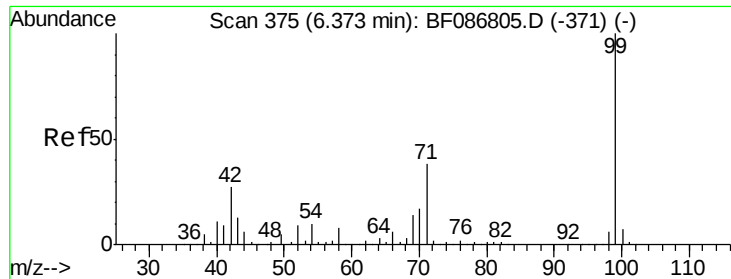
Lab File: BF086797.D

Acq: 8 May 2016 2:22



Tgt Ion:	93	Resp:	343804
Ion Ratio	Lower	Upper	
93	100		
66	68.4	39.0	58.6#
65	39.4	20.6	31.0#





#7

Phenol-d6

Concen: 44.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion: 99 Resp: 620421
Ion Ratio Lower Upper

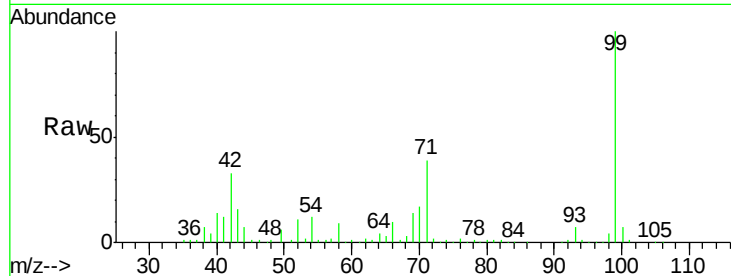
99 100

42 33.1 13.6 20.4#

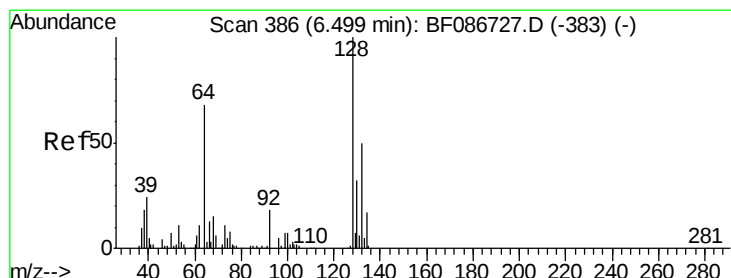
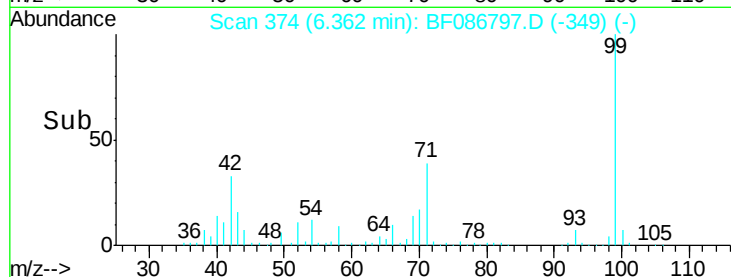
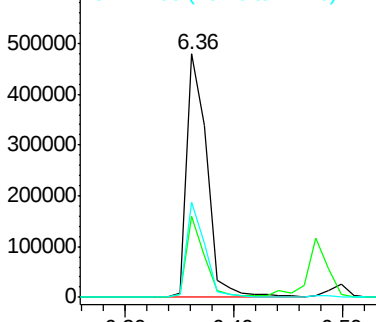
71 38.9 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 35.64 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086797.D

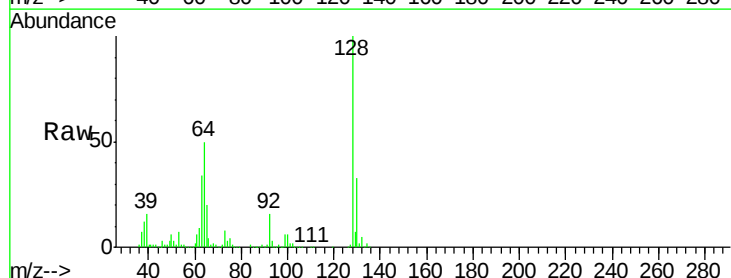
Acq: 8 May 2016 2:22

Tgt Ion: 128 Resp: 443745
Ion Ratio Lower Upper

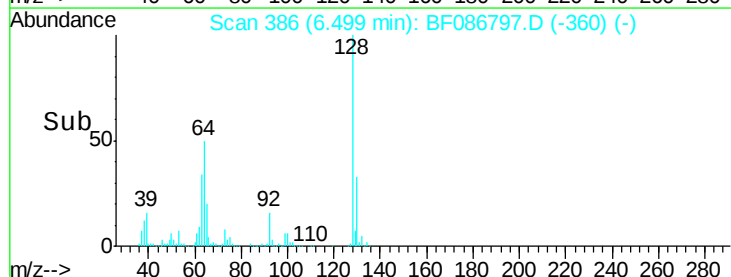
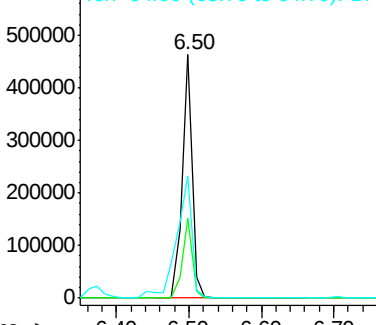
128 100

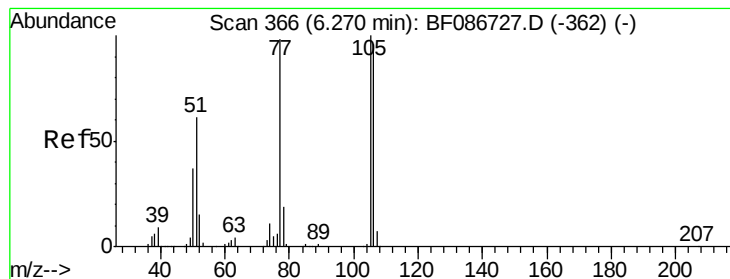
130 32.8 12.5 52.5

64 50.1 27.3 67.3



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





#9

Benzaldehyde

Concen: 9.31 ng

RT: 6.26 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

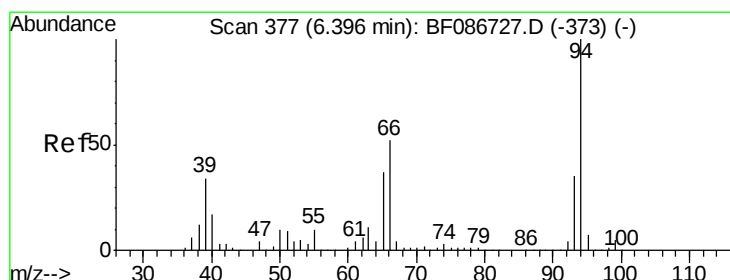
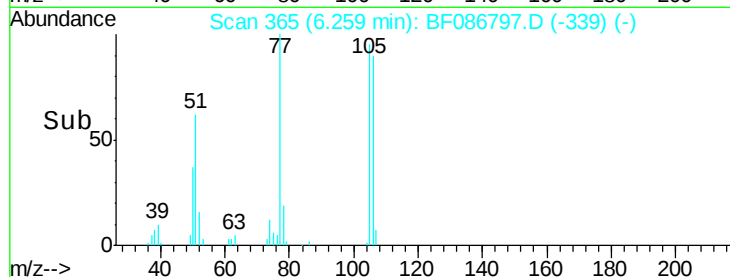
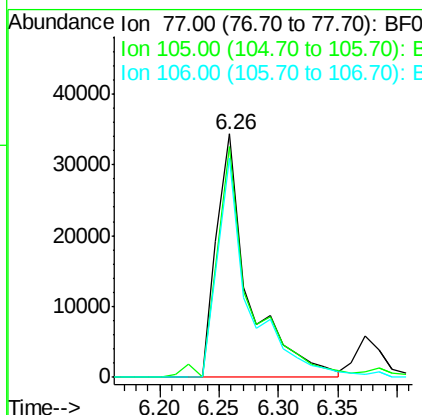
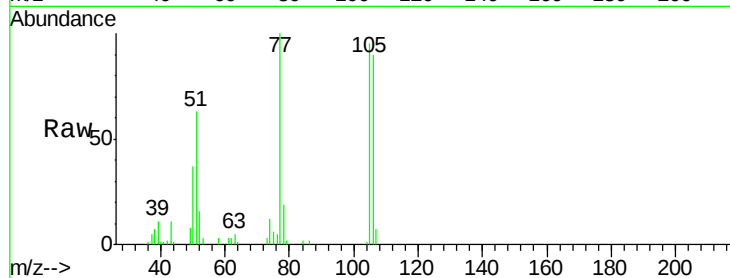
ClientSampleId :

MWHR3-14MSD

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Tgt Ion:	77	Resp:	64923
Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.7	112.7
106	90.0	70.8	110.8



#10

Phenol

Concen: 15.38 ng

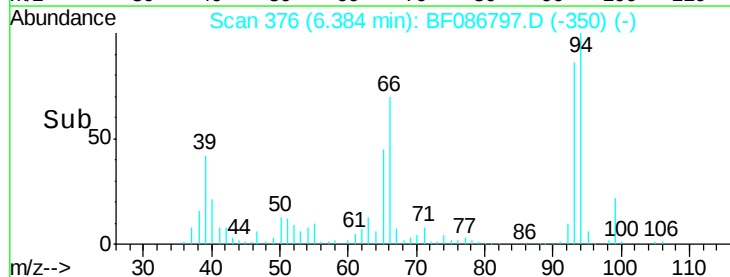
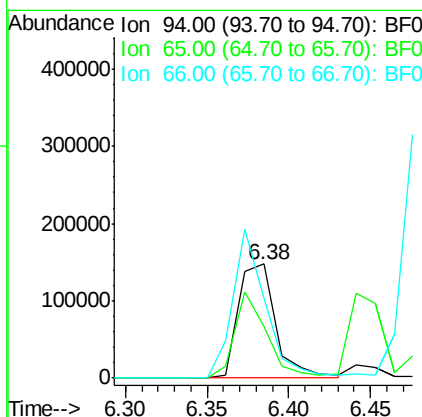
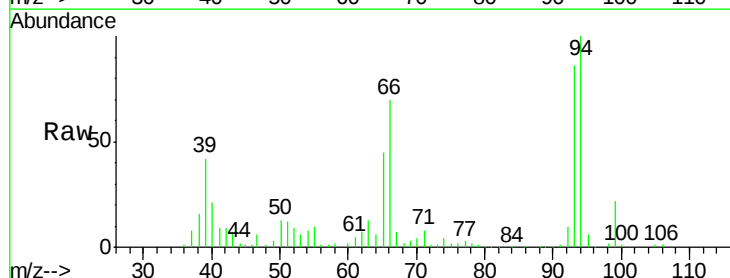
RT: 6.38 min Scan# 376

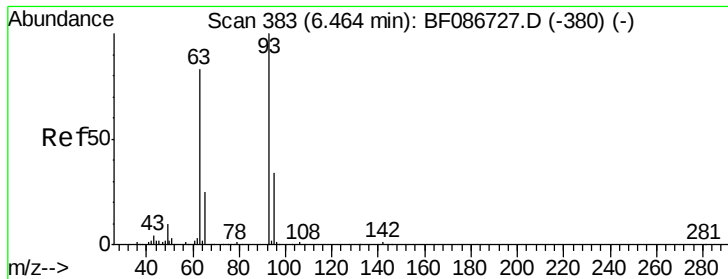
Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	94	Resp:	235123
Ion	Ratio	Lower	Upper
94	100		
65	44.8	7.2	47.2
66	69.7	14.9	54.9#





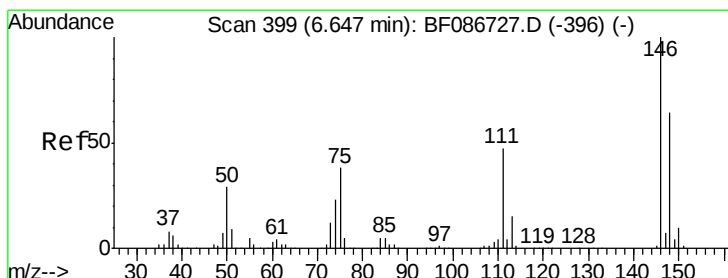
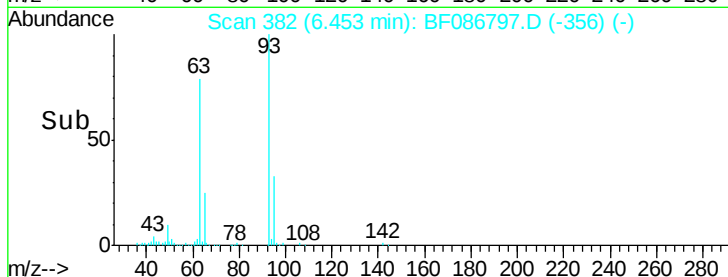
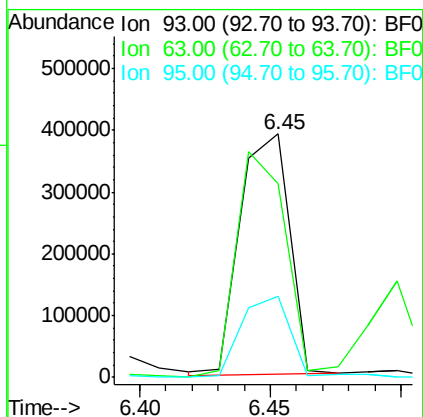
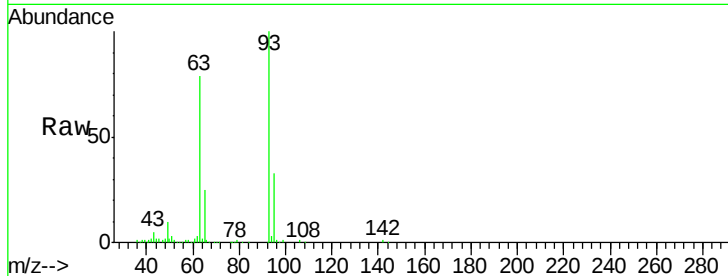
#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.0	98.0
95	33.1	11.9	51.9

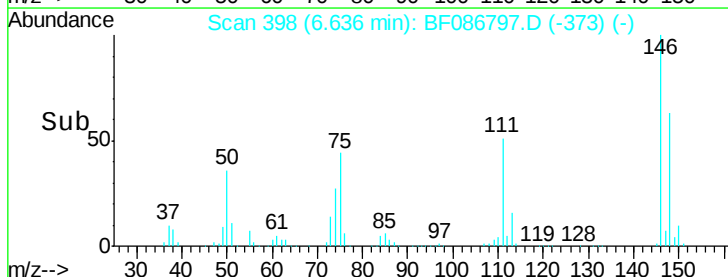
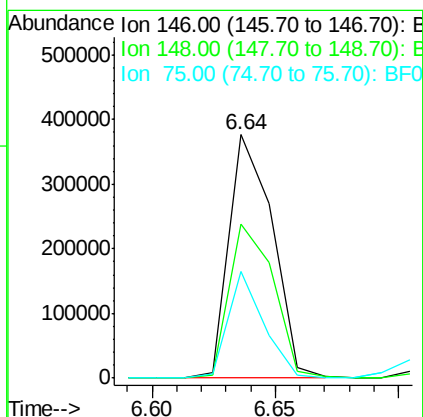
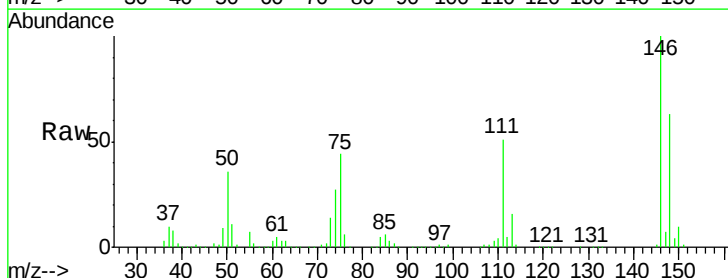
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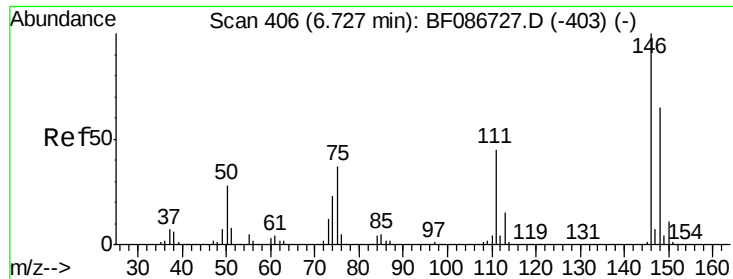
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.06 ng m
RT: 6.64 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.4	78.6
75	43.8	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 34.58 ng m

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

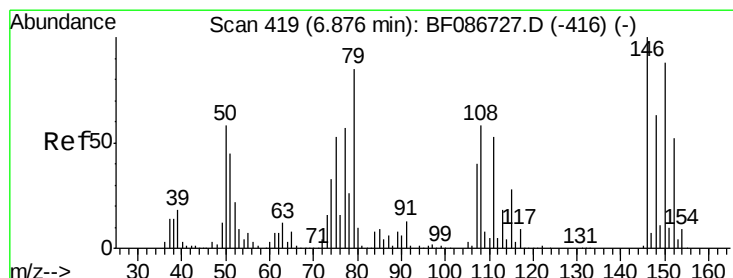
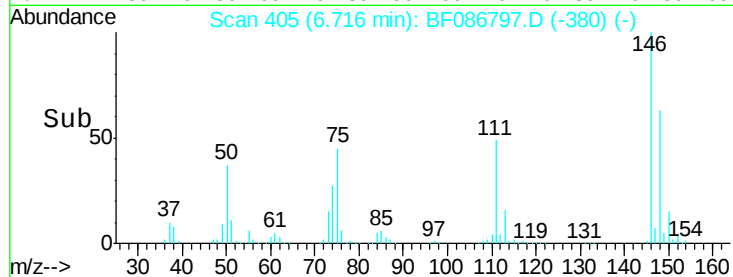
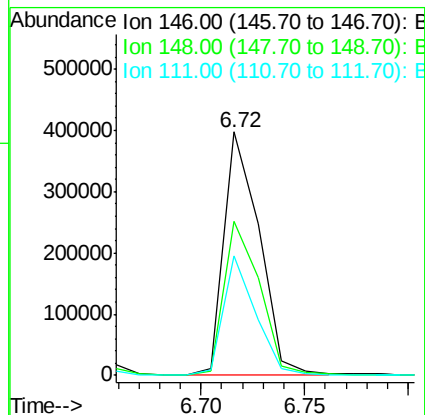
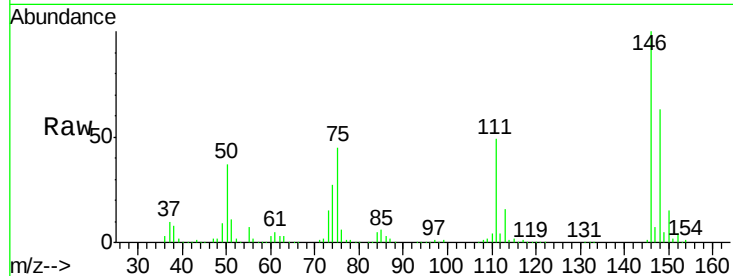
ClientSampleId :

MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	49.2	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 39.50 ng

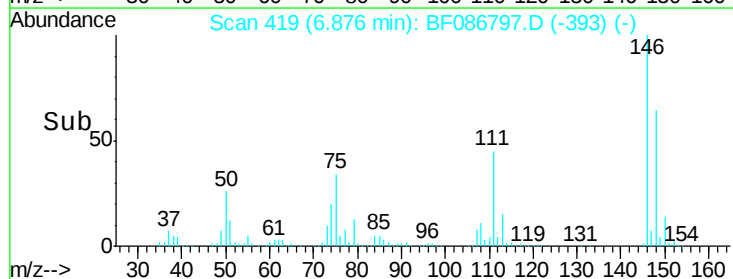
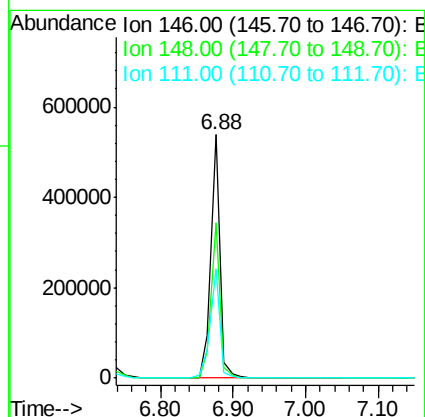
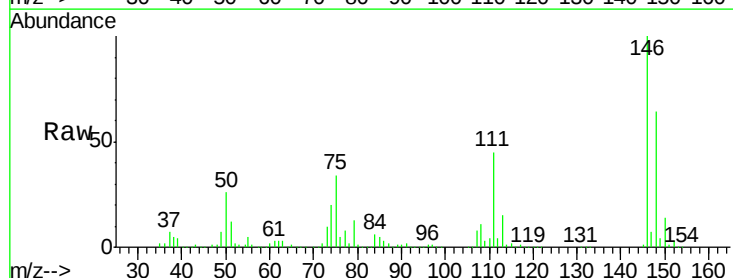
RT: 6.88 min Scan# 419

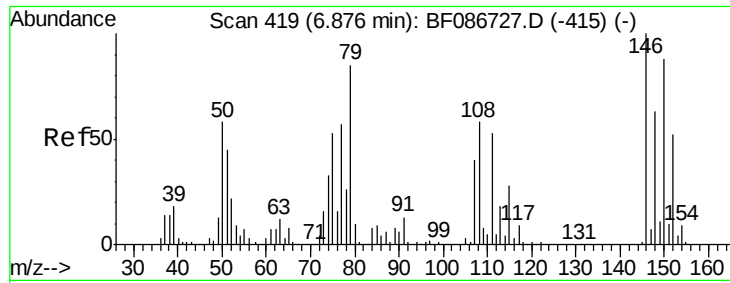
Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	44.8	36.2	54.4





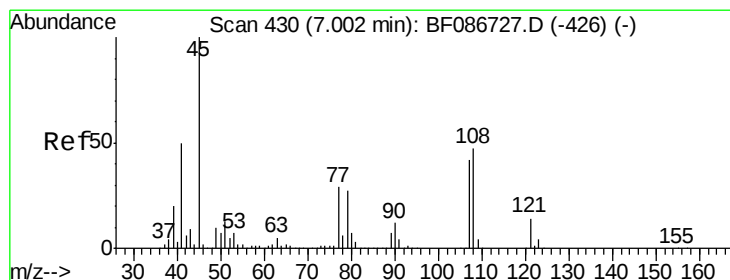
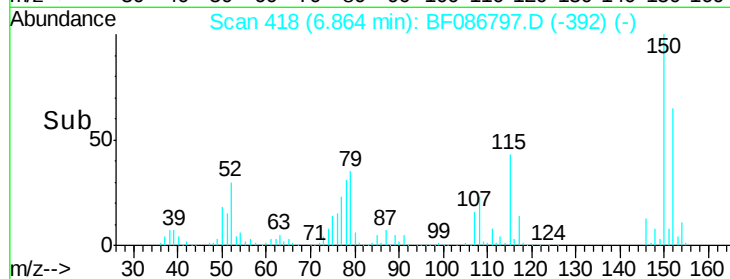
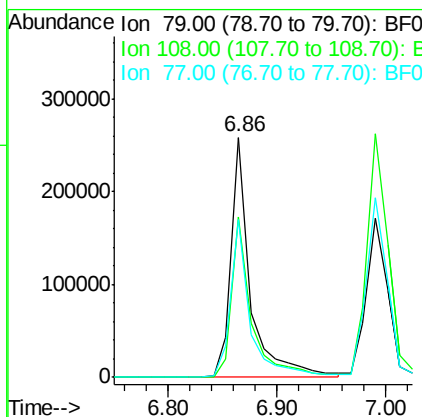
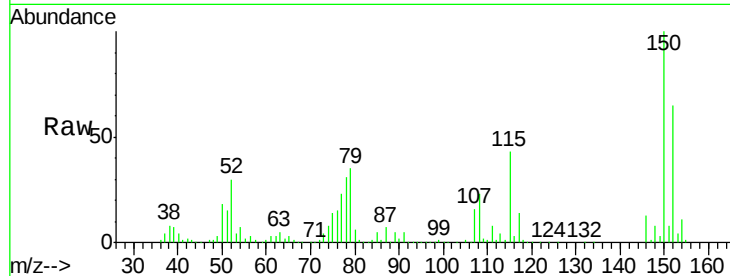
#15
Benzyl Alcohol
Concen: 35.24 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.9	68.4	102.6#
77	65.5	50.6	76.0

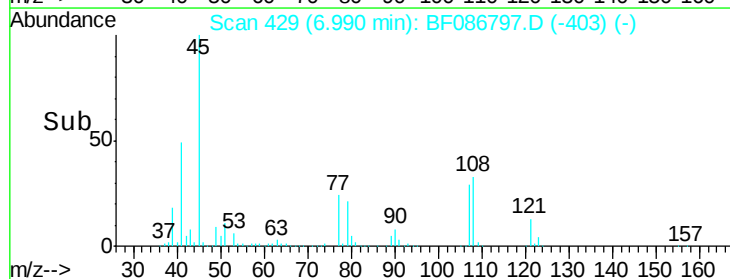
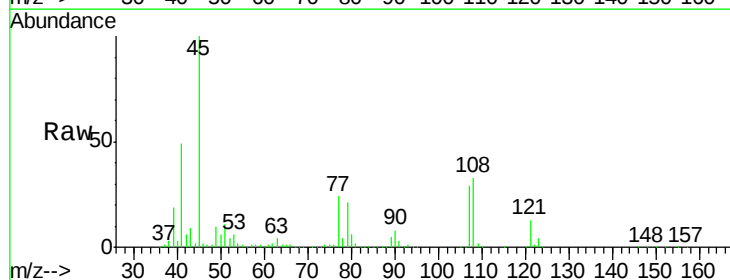
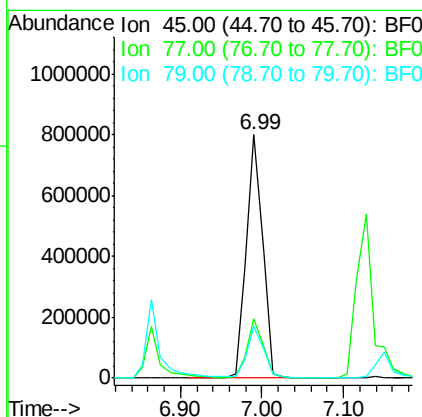
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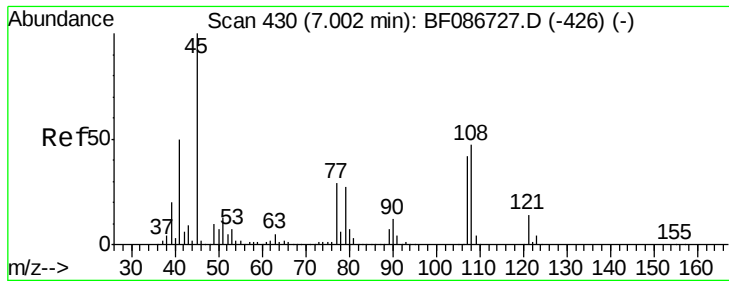
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.11 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	0.0	36.4
79	21.4	0.0	33.4





#17

2-Methylphenol

Concen: 31.05 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

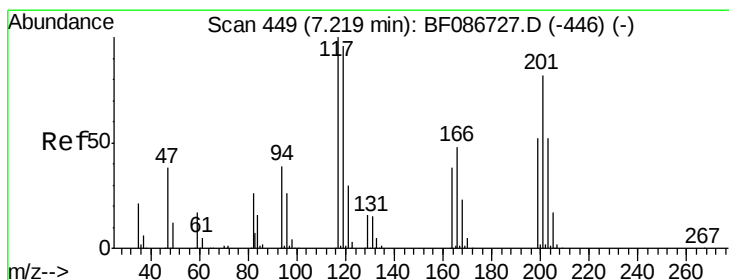
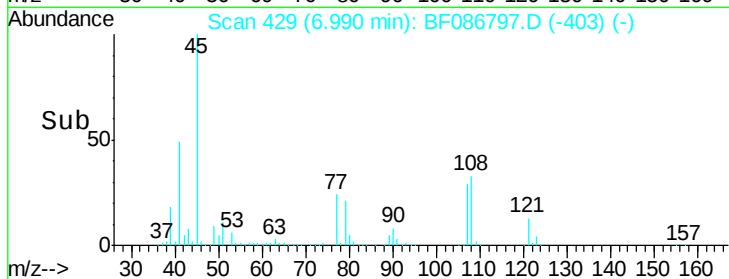
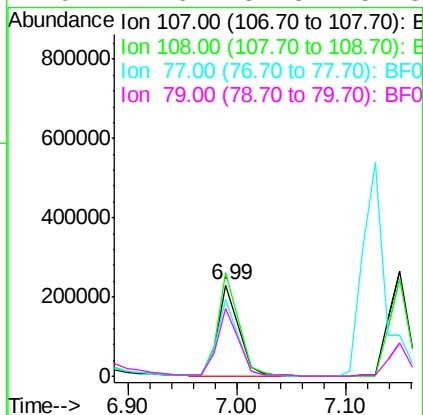
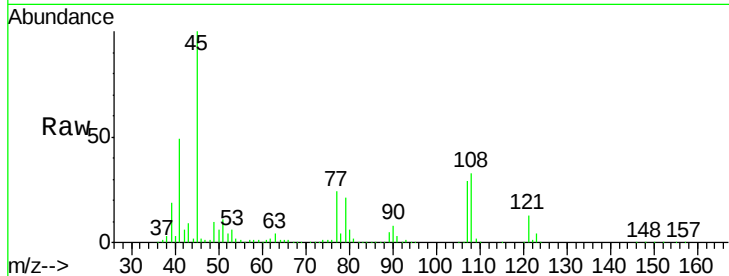
ClientSampleId :

MWHR3-14MSD

Tgt	Ion:107	Resp:	311271
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.7	140.5
77	83.9	33.4	50.0#
79	74.6	34.3	51.5#

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#18

Hexachloroethane

Concen: 34.81 ng

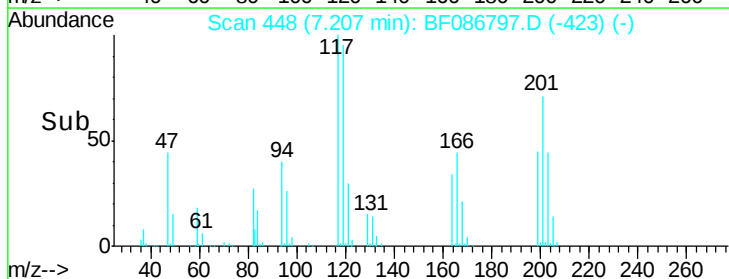
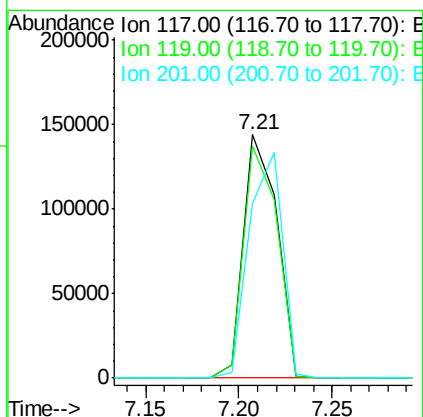
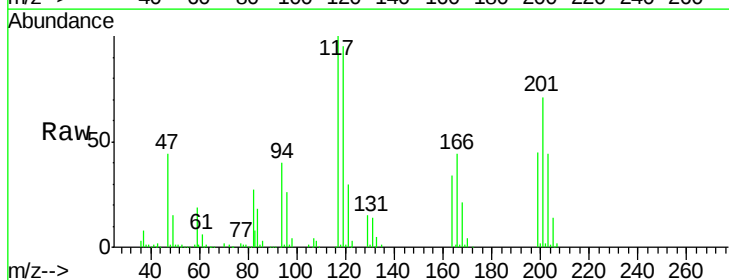
RT: 7.21 min Scan# 448

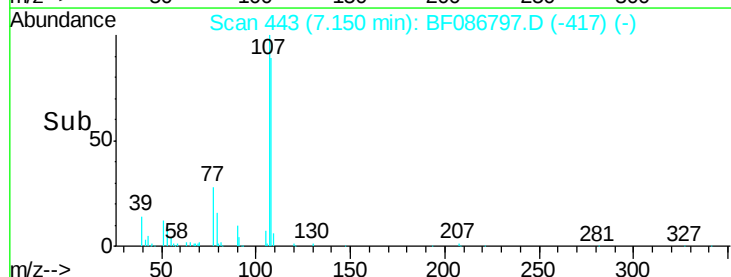
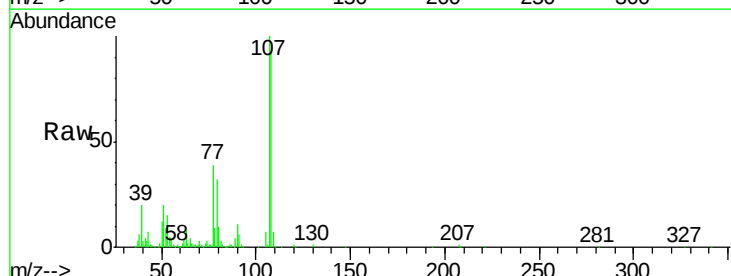
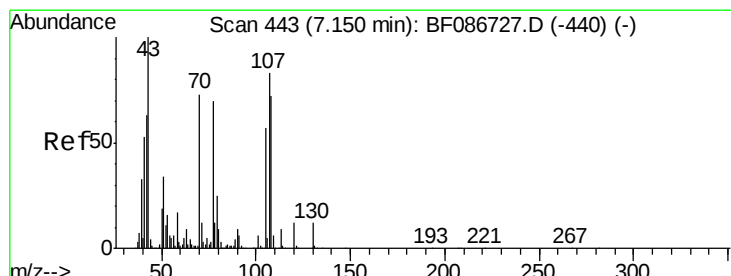
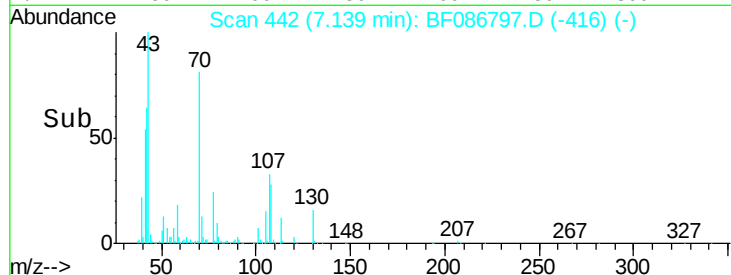
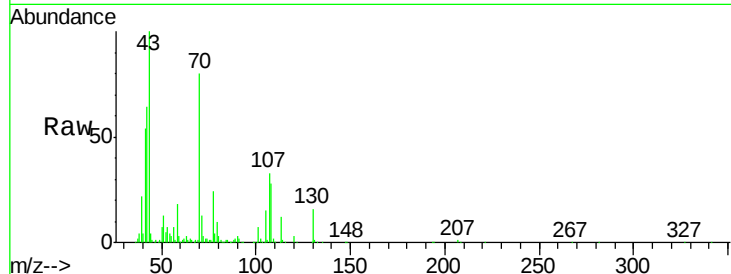
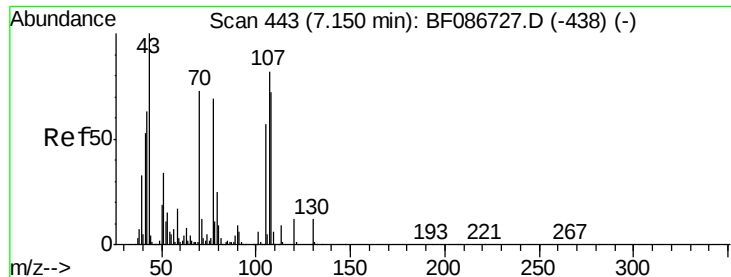
Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt	Ion:117	Resp:	179656
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	71.4	63.0	94.6

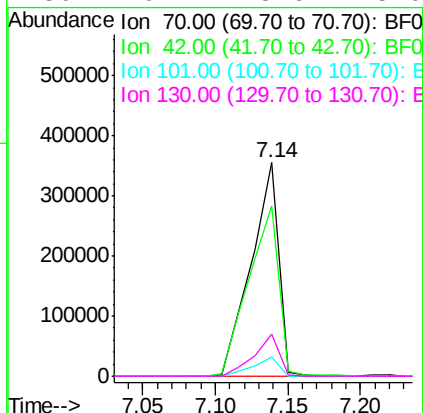




#19
n-Nitroso-di-n-propylamine
Concen: 49.21 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	79.5	43.1	64.7#
101	9.2	8.1	12.1
130	20.1	18.6	28.0

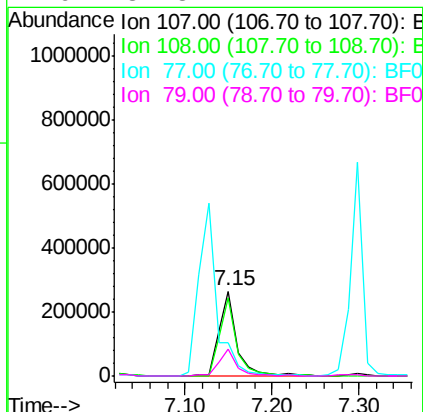


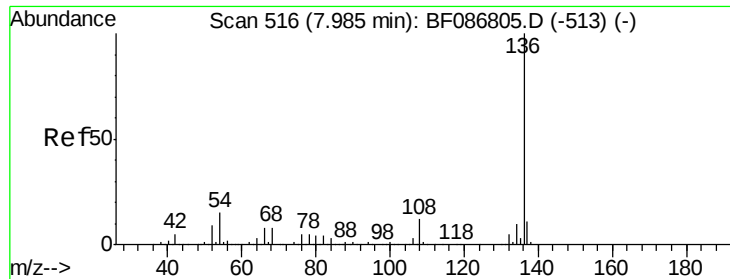
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#20
3+4-Methylphenols
Concen: 32.24 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.5	108.5
77	39.0	101.6	141.6#
79	31.8	7.4	47.4





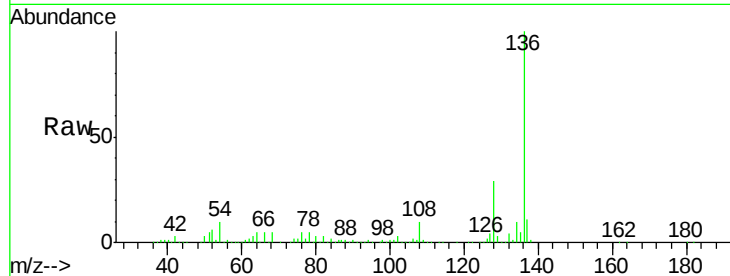
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

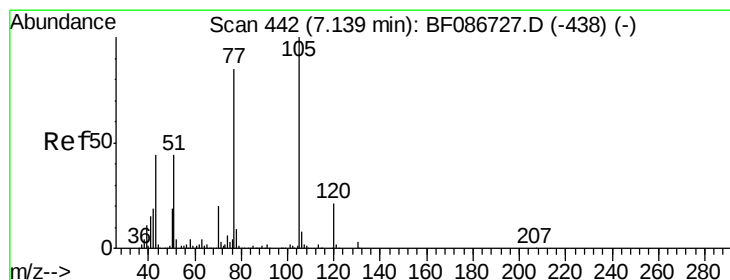
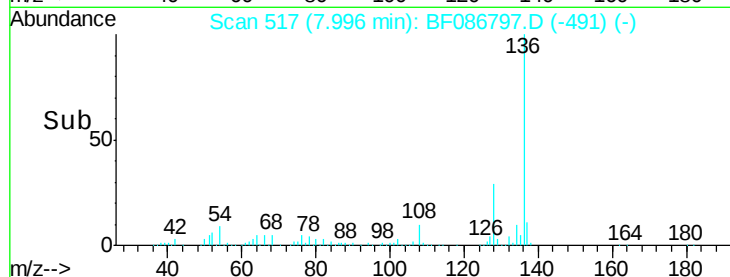
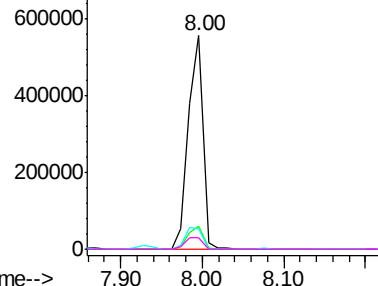
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	8.8	13.2
54	9.6	5.0	7.4
68	5.4	4.4	6.6

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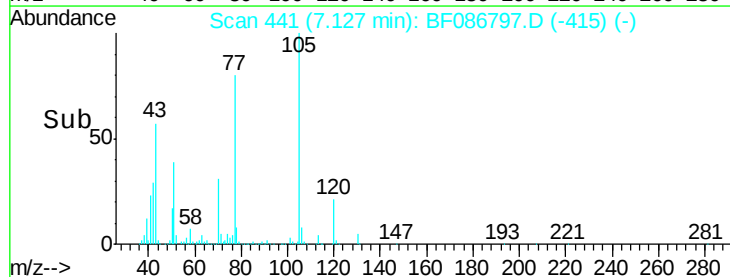
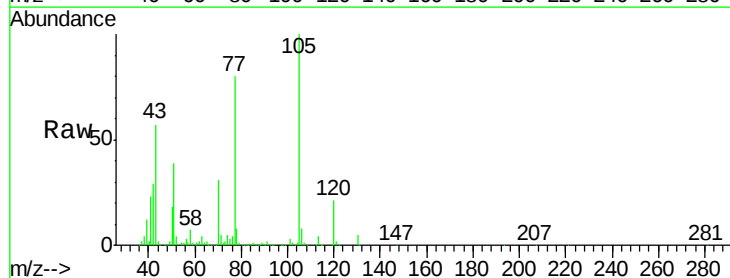
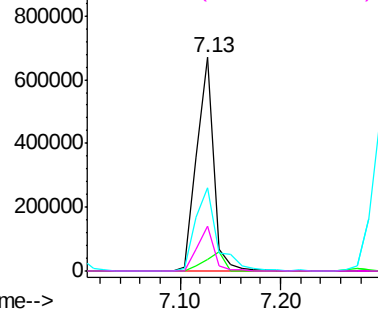
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

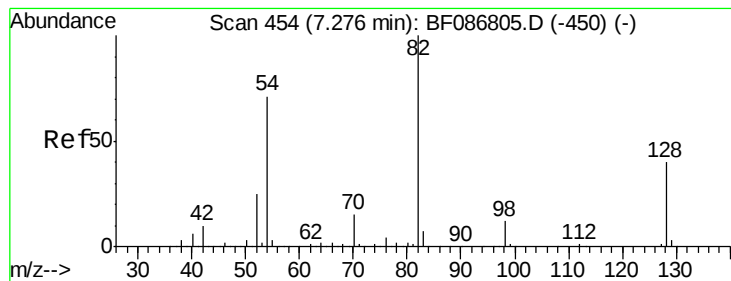


#22
Acetophenone
Concen: 48.27 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.3	4.8	7.2
51	39.2	32.6	49.0
120	21.0	16.5	24.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.28 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion: 82 Resp: 1240536

Ion Ratio Lower Upper

82 100

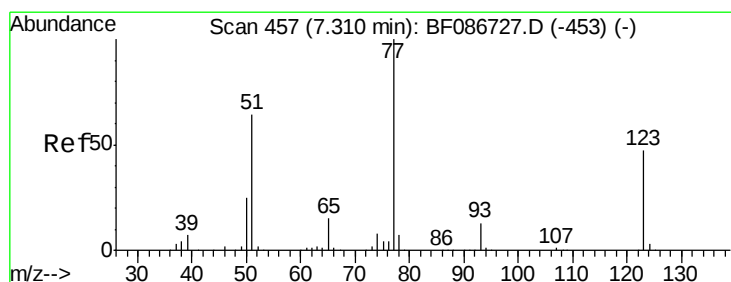
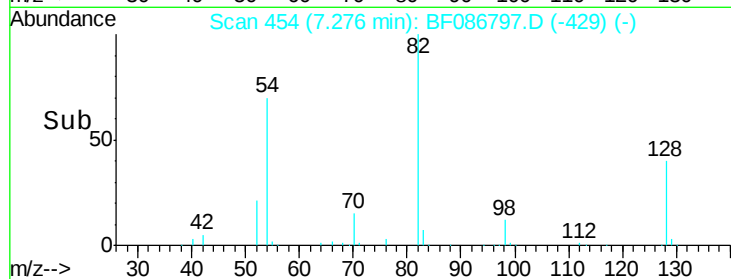
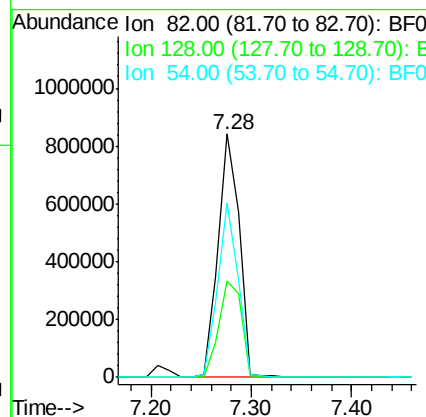
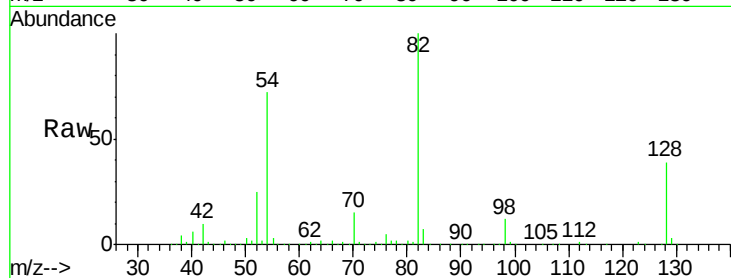
128 39.4 40.6 61.0#

54 71.7 38.1 57.1#

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#24

Nitrobenzene

Concen: 46.18 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

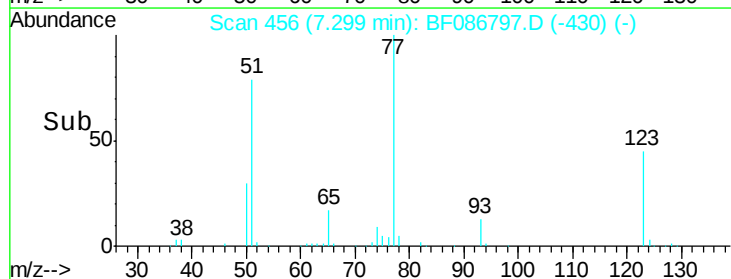
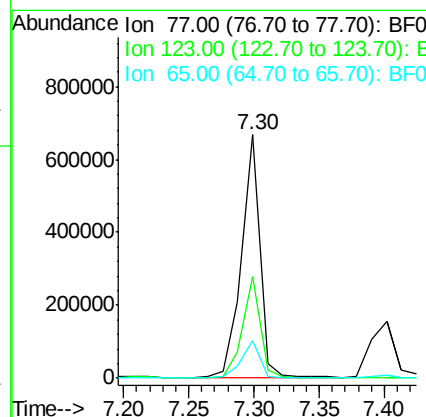
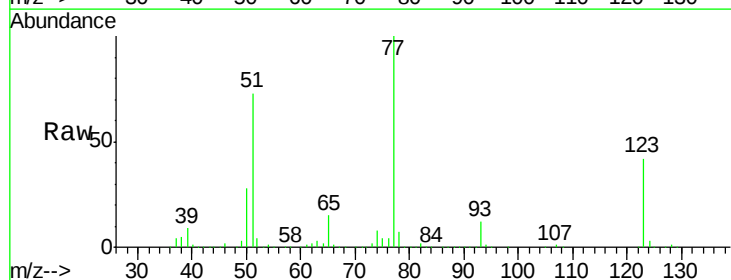
Tgt Ion: 77 Resp: 648881

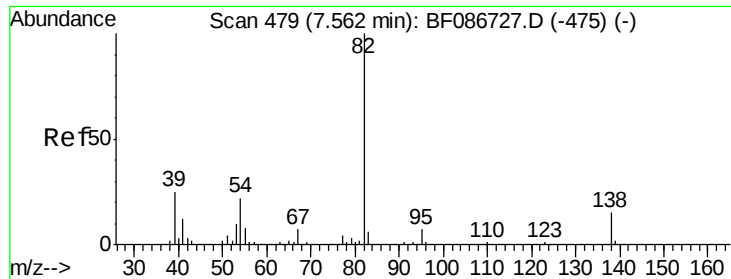
Ion Ratio Lower Upper

77 100

123 41.6 33.0 49.4

65 15.2 10.8 16.2





#25

Isophorone

Concen: 45.49 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion: 82 Resp: 1151369

Ion Ratio Lower Upper

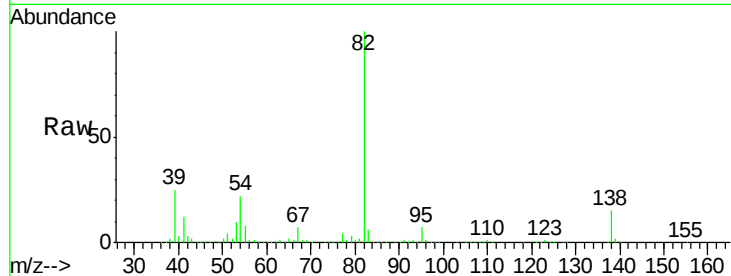
82 100

95 7.3 5.1 7.7

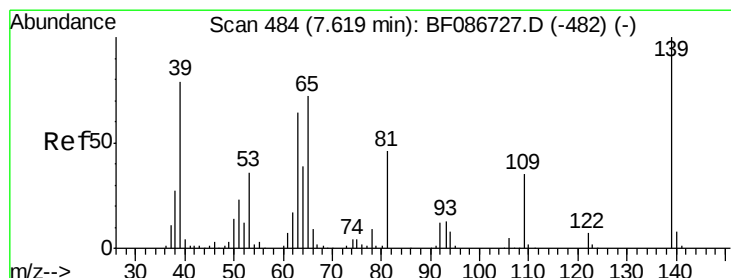
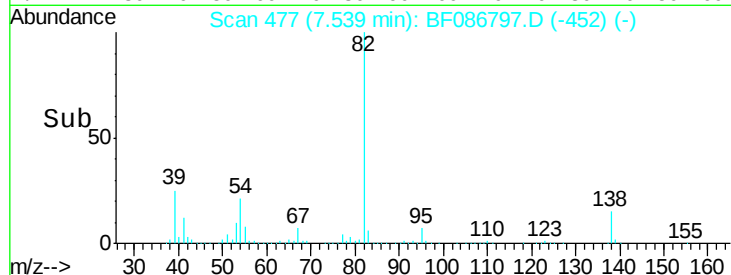
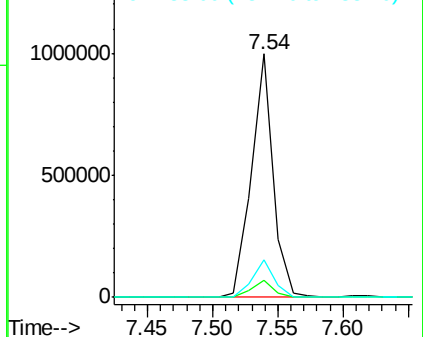
138 15.3 12.4 18.6

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



#26

2-Nitrophenol

Concen: 44.24 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

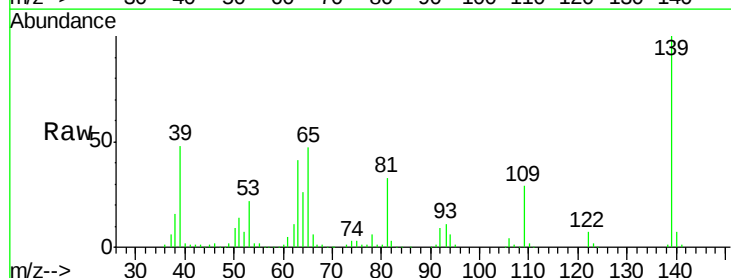
Tgt Ion: 139 Resp: 277354

Ion Ratio Lower Upper

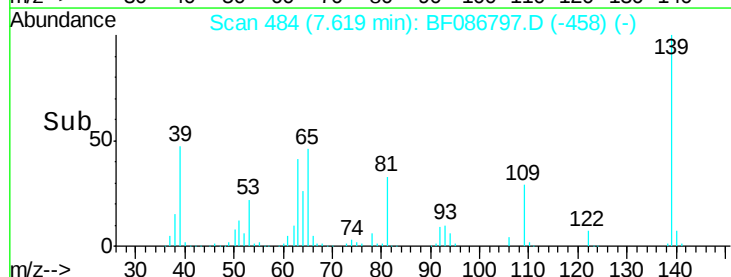
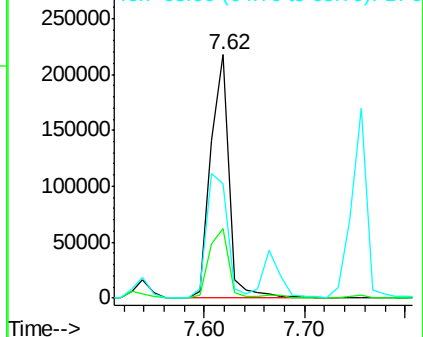
139 100

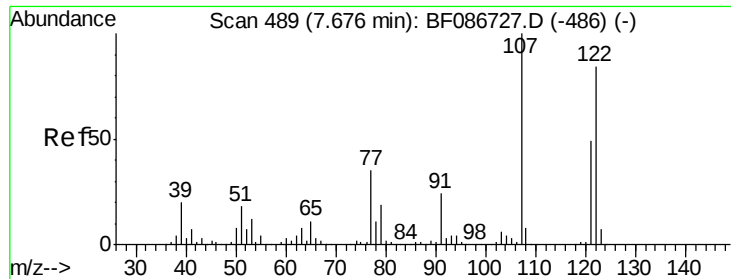
109 28.7 19.5 29.3

65 46.8 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 35.01 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

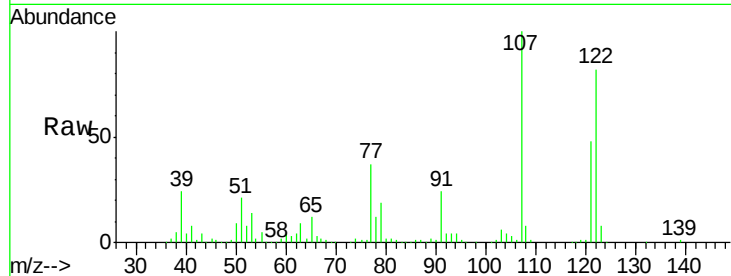
ClientSampleId :

MWHR3-14MSD

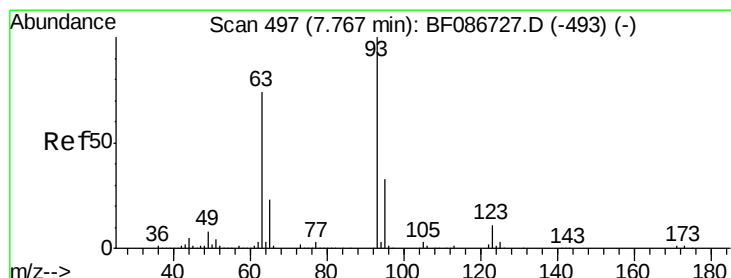
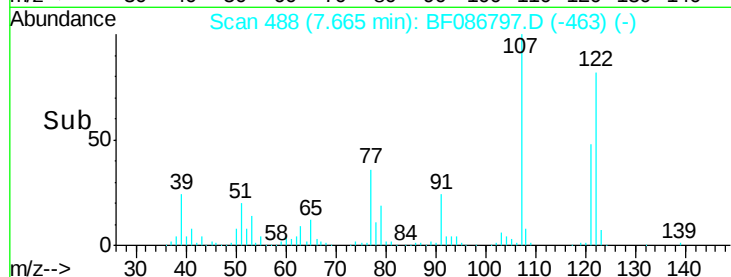
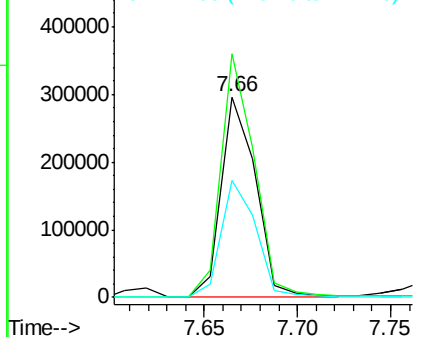
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Tgt Ion:	122	Resp:	385398
Ion Ratio	Lower	Upper	
122	100		
107	121.5	82.0	123.0
121	58.3	46.1	69.1



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: 52.12 ng

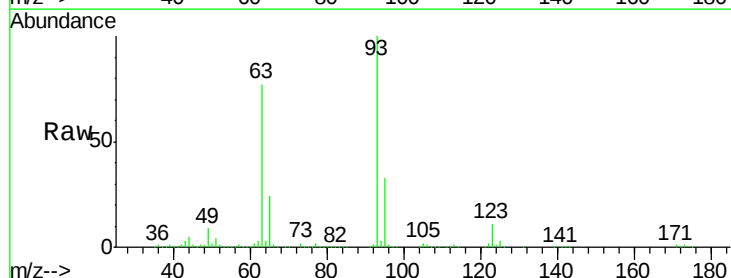
RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

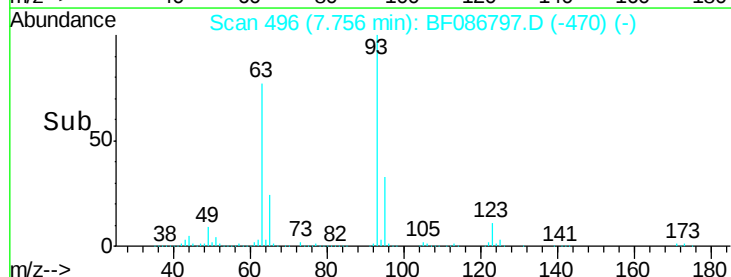
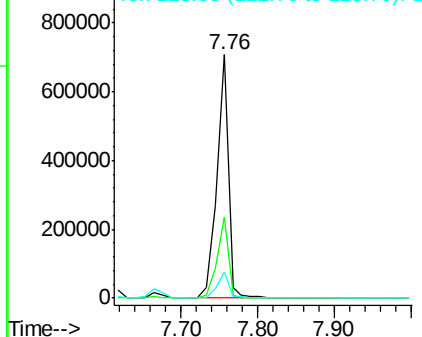
Lab File: BF086797.D

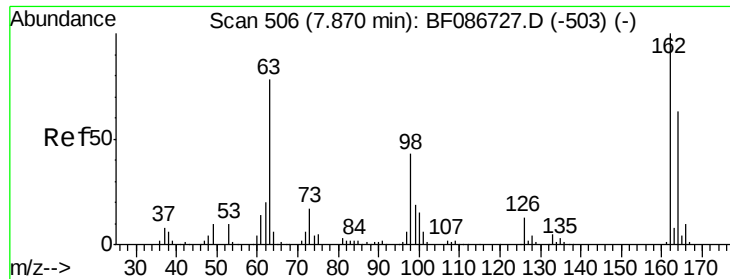
Acq: 8 May 2016 2:22

Tgt Ion:	93	Resp:	726045
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	10.6	9.5	14.3



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





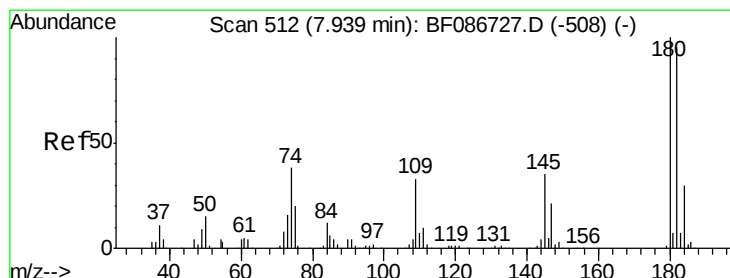
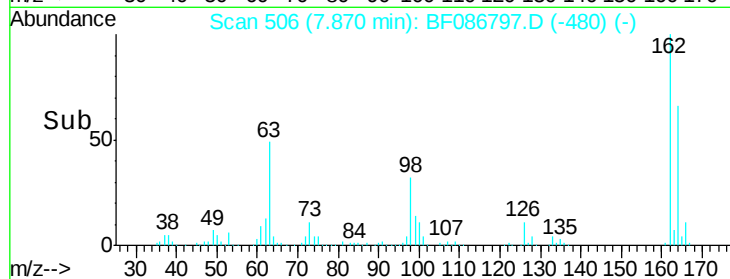
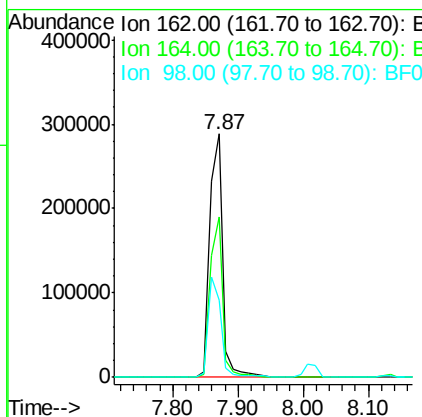
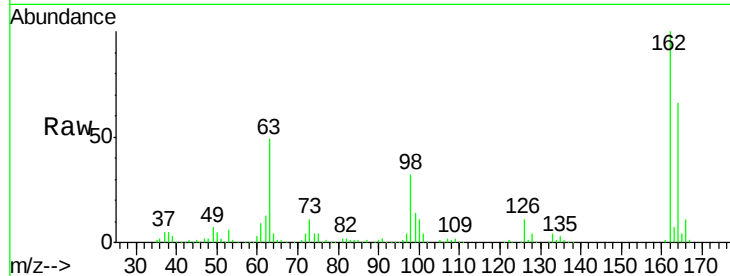
#29
 2,4-Dichlorophenol
 Concen: 42.73 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	42.2	82.2
98	31.6	19.0	59.0

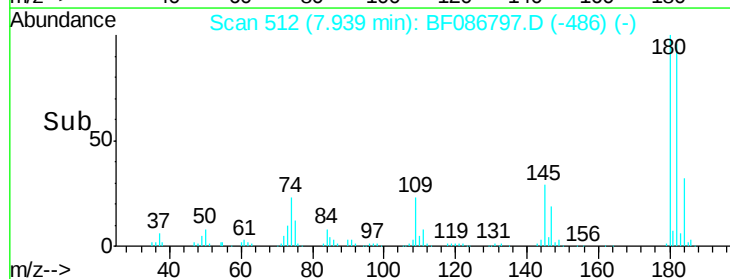
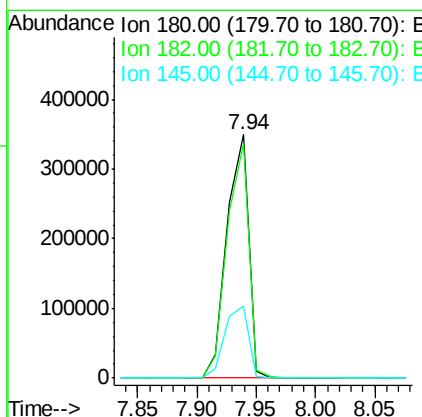
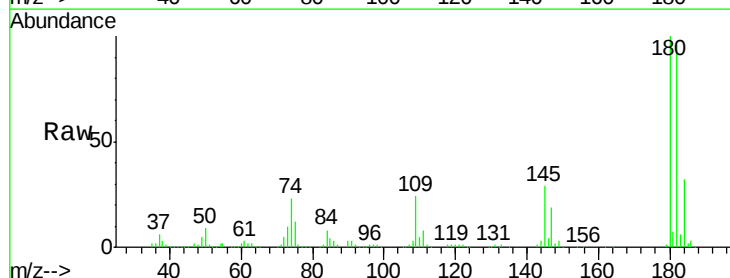
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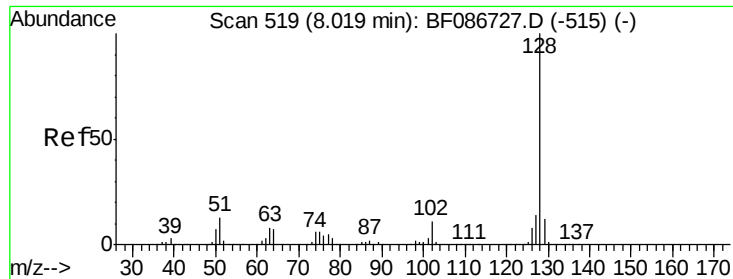
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.14 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	78.0	117.0
145	29.5	24.2	36.2





#31

Naphthalene

Concen: 41.42 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

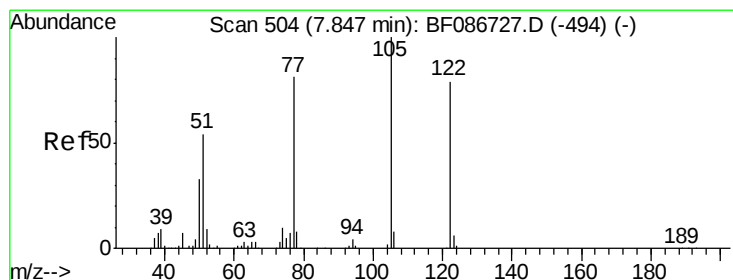
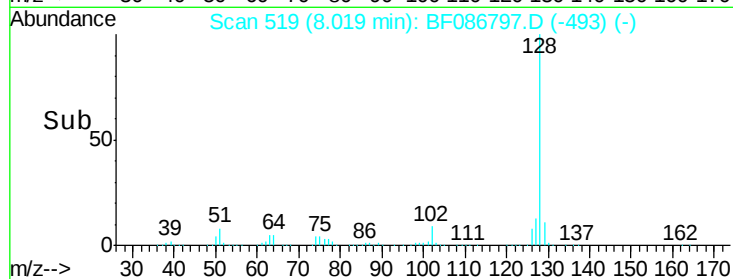
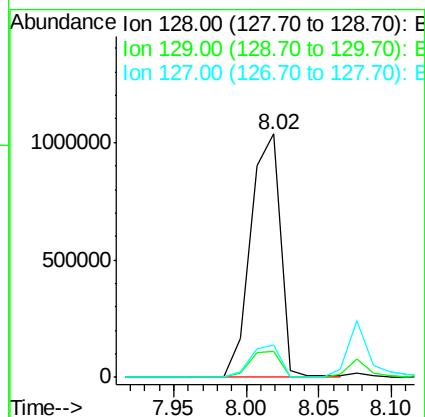
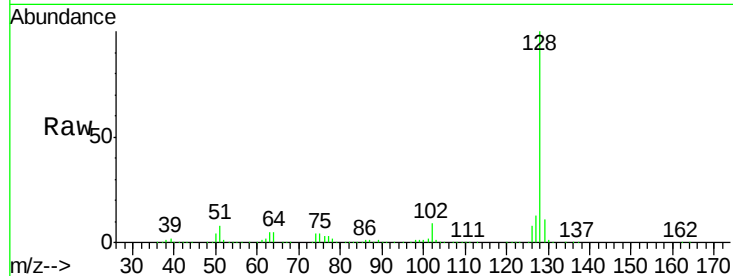
MWHR3-14MSD

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.3	10.8	16.2



#32

Benzoic acid

Concen: 21.59 ng

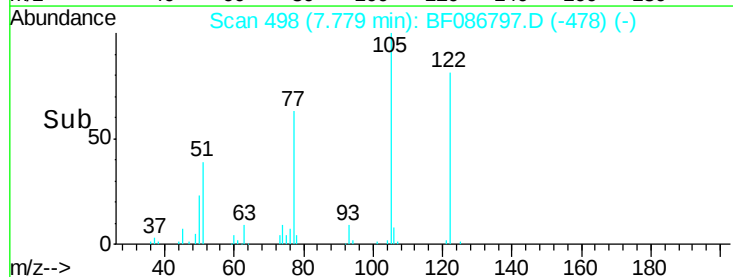
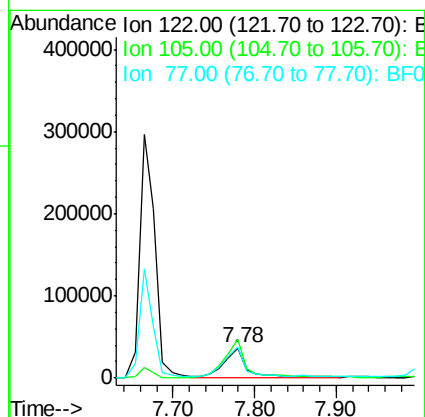
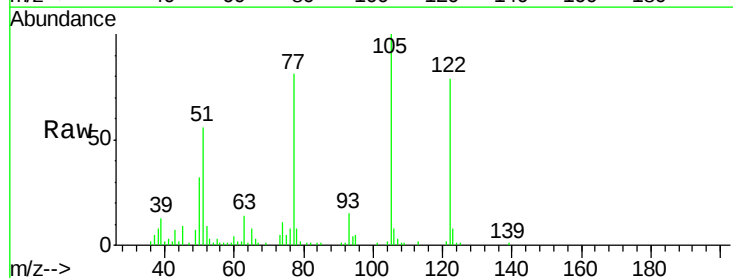
RT: 7.78 min Scan# 498

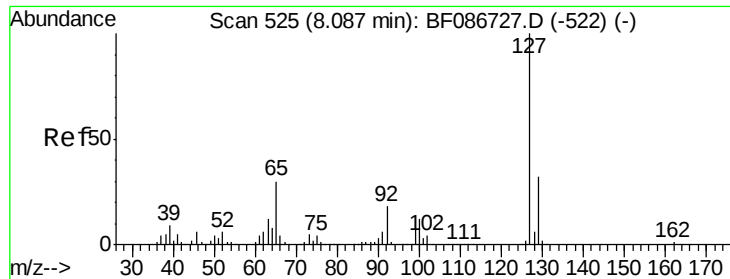
Delta R.T. -0.07 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	92.6	132.6
77	102.5	60.0	100.0





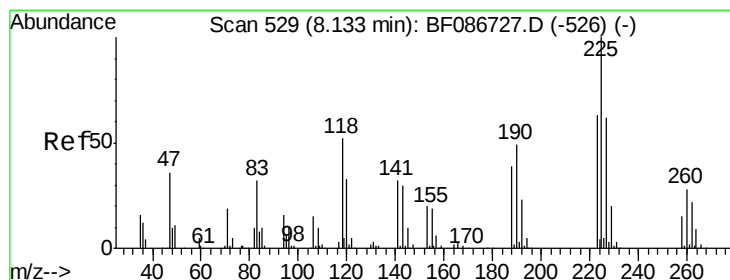
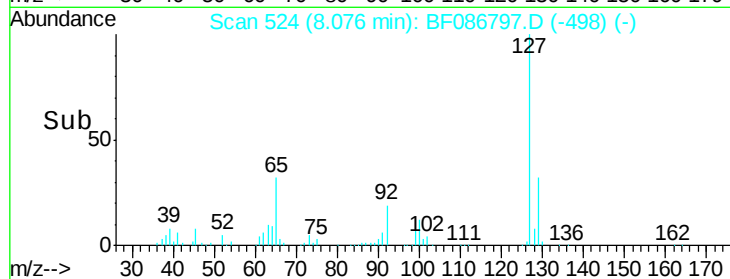
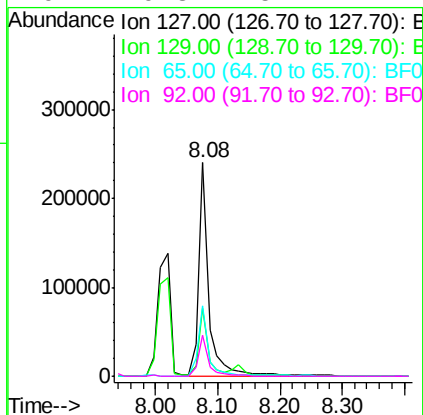
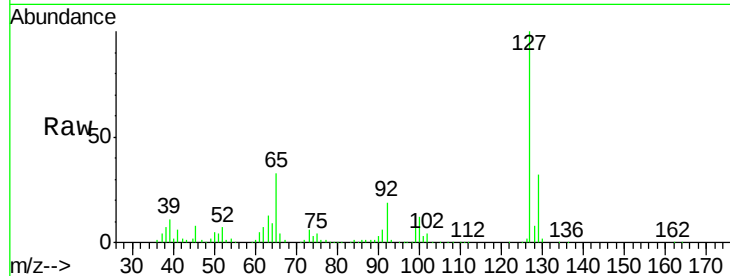
#33
4-Chloroaniline
Concen: 19.72 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.7	26.2	39.4
65	33.1	23.0	34.4
92	19.3	15.1	22.7

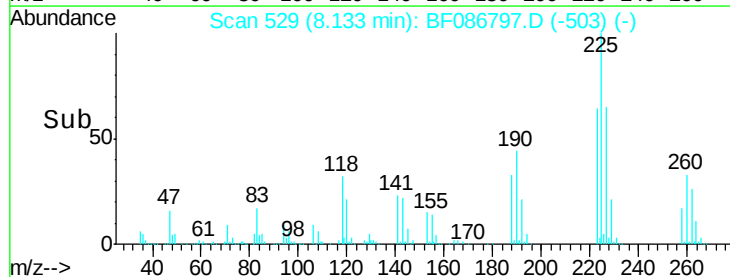
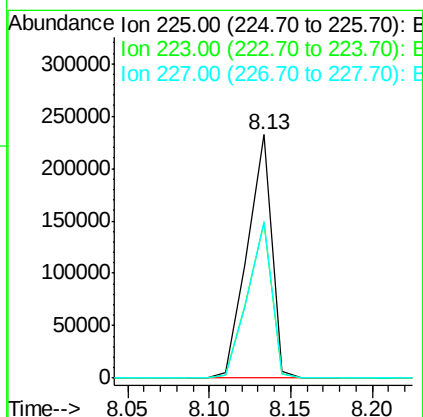
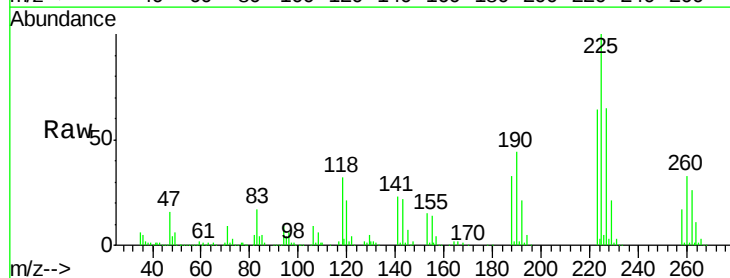
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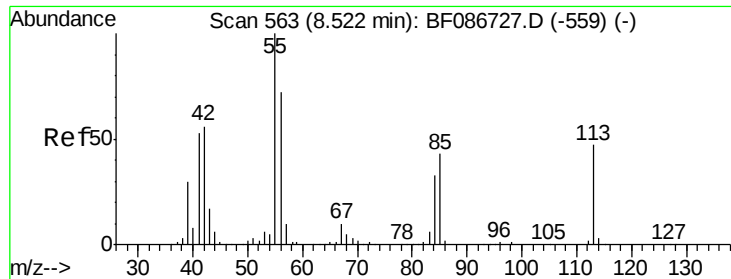
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#34
Hexachlorobutadiene
Concen: 40.38 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	51.5	77.3
227	64.5	52.2	78.2





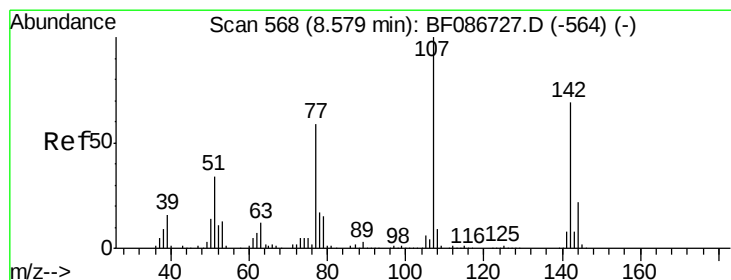
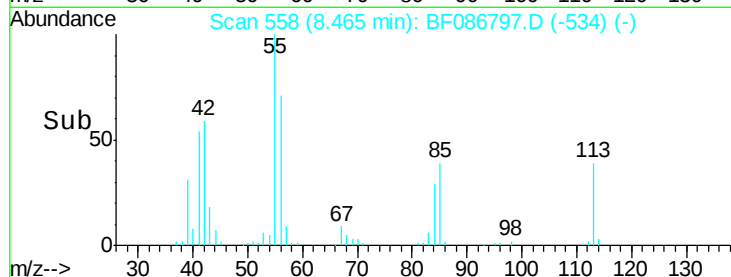
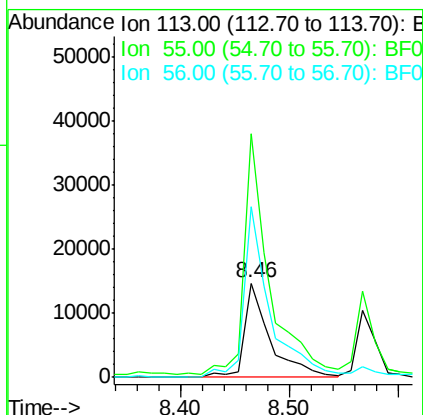
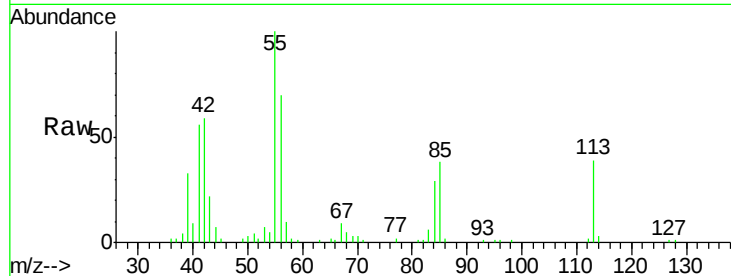
#35
 Caprolactam
 Concen: 8.31 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion:113 Resp: 24345
 Ion Ratio Lower Upper
 113 100
 55 259.2 162.0 202.0#
 56 181.8 115.3 155.3#

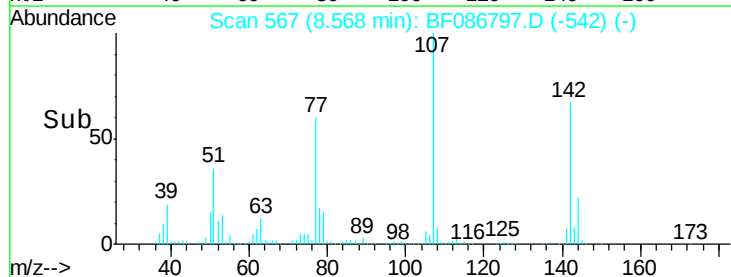
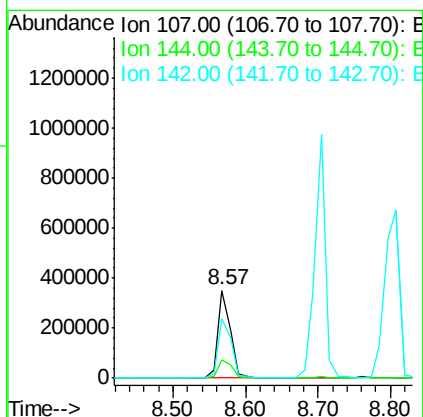
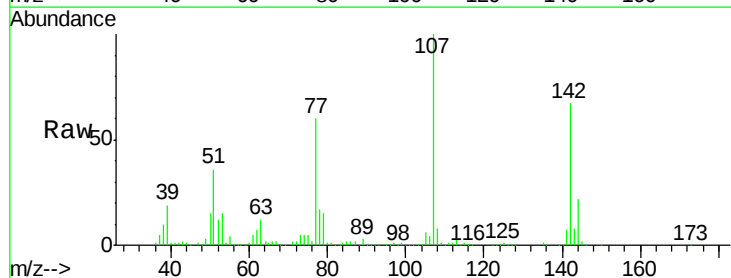
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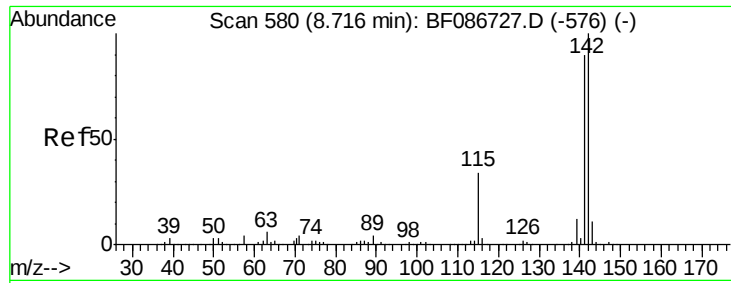
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#36
 4-Chloro-3-methylphenol
 Concen: 39.43 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion:107 Resp: 425817
 Ion Ratio Lower Upper
 107 100
 144 21.6 20.7 31.1
 142 67.2 63.2 94.8





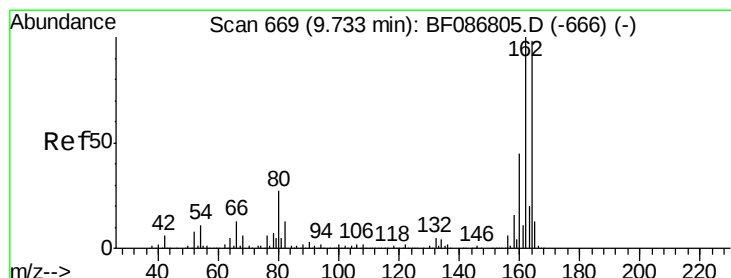
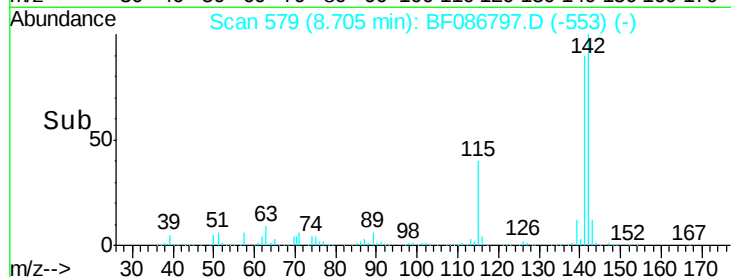
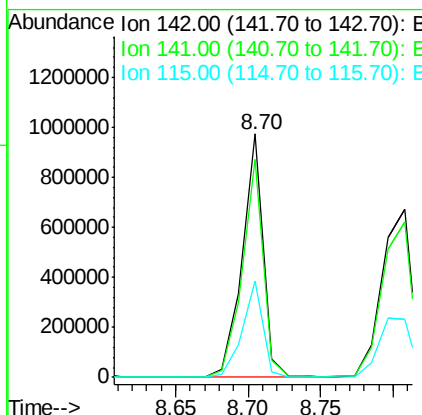
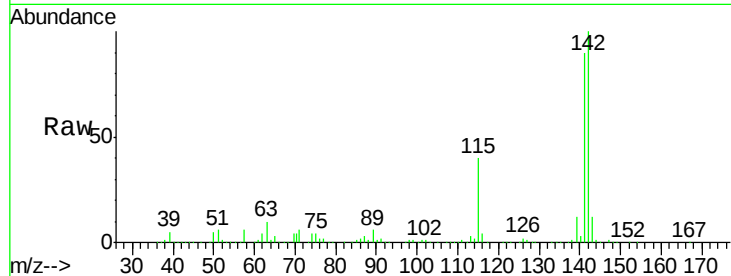
#37
2-Methylnaphthalene
Concen: 46.39 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion:	142	Resp:	976484
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.0	106.6
115	39.7	26.6	39.8

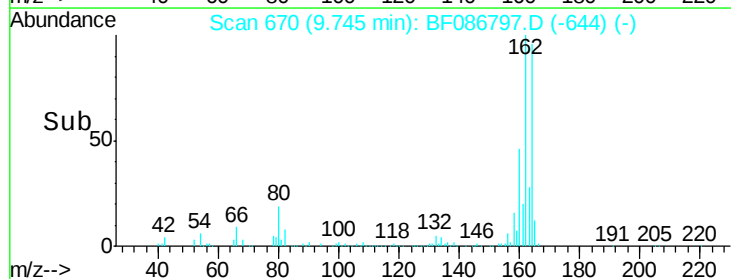
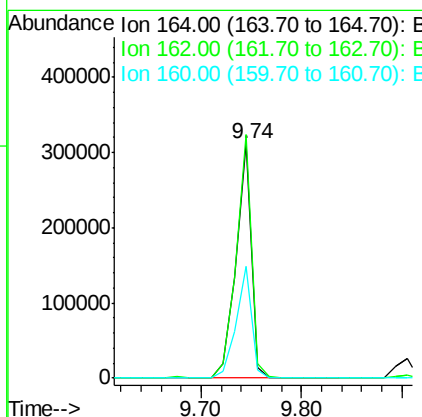
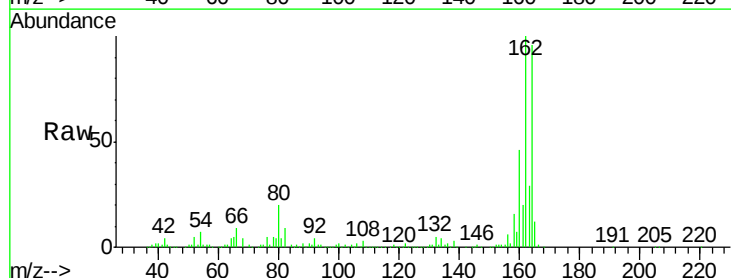
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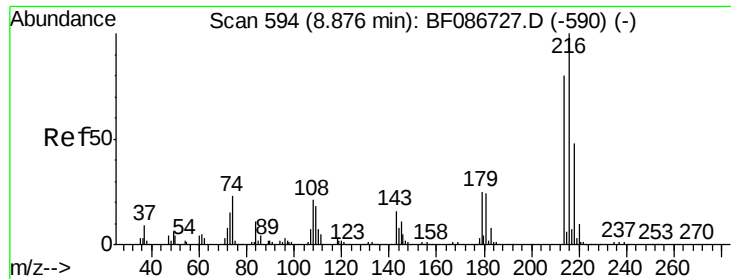
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion:	164	Resp:	329461
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.8	124.2
160	47.7	36.9	55.3





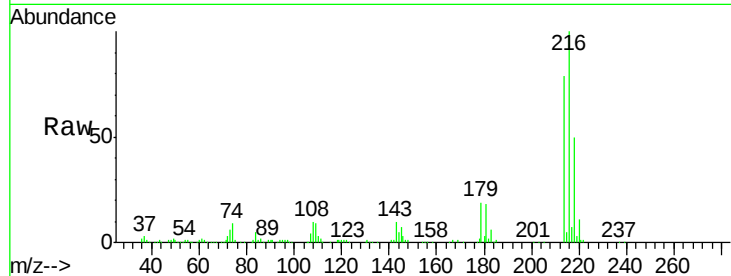
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.07 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

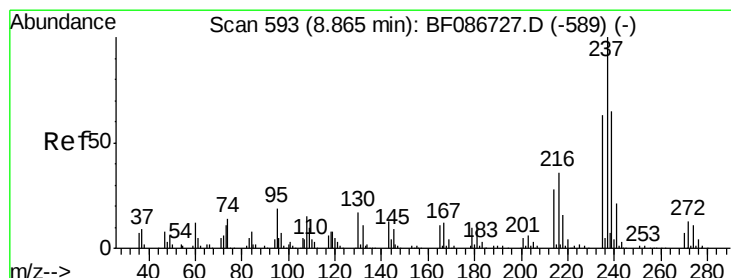
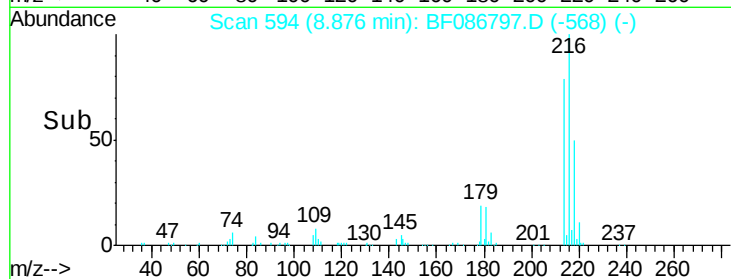
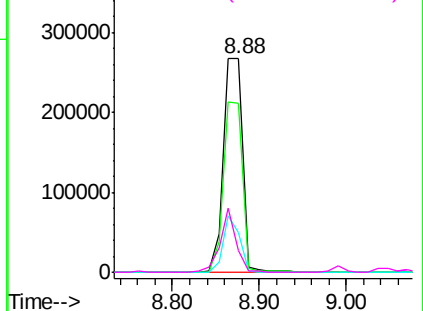
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	410737		
214	79.5	62.6	93.8	
179	22.9	18.2	27.4	
108	24.8	17.5	26.3	

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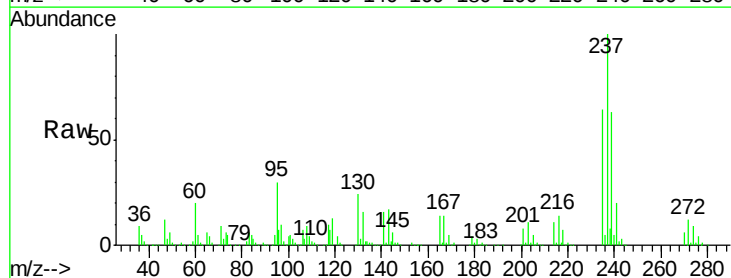


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

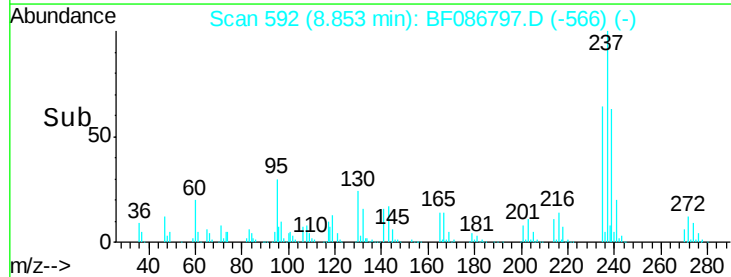
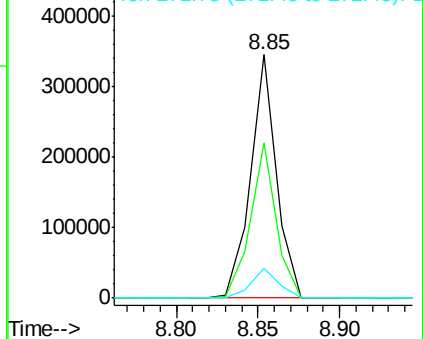


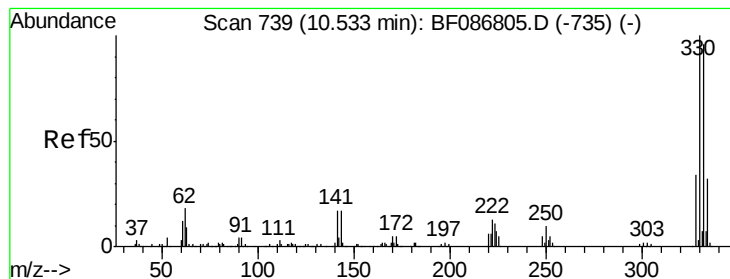
#40
 Hexachlorocyclopentadiene
 Concen: 85.75 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	379004		
235	63.7	47.2	87.2	
272	12.0	0.0	31.1	



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





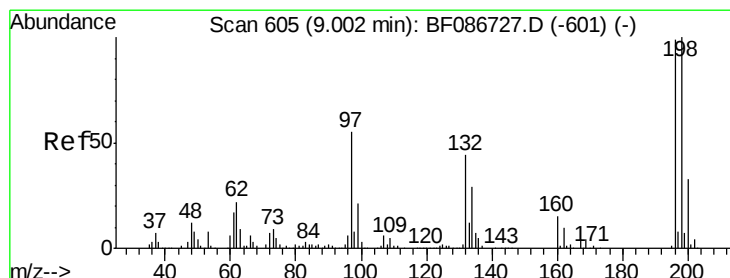
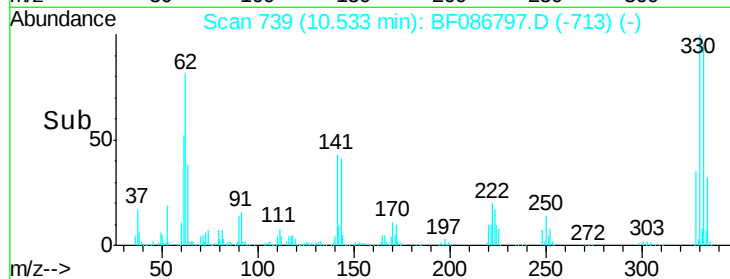
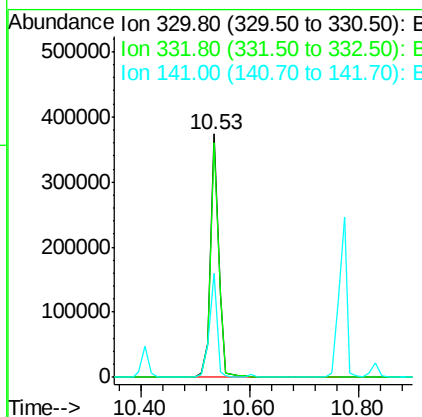
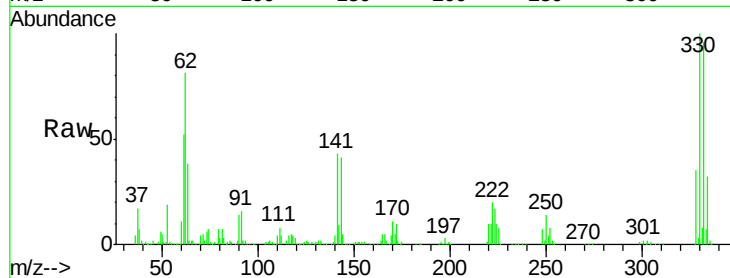
#41
 2,4,6-Tribromophenol
 Concen: 124.44 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	401069		
332	96.3	79.0	118.4	
141	39.0	31.2	46.8	

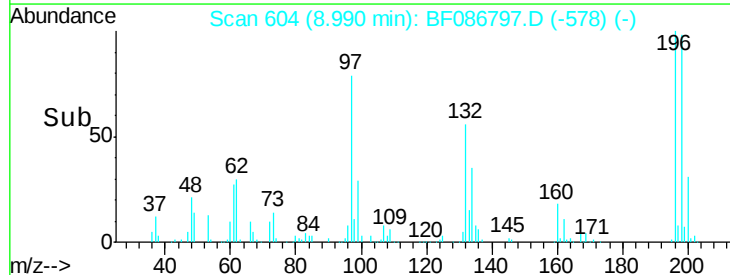
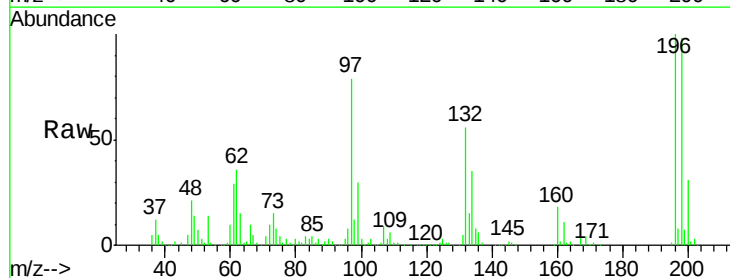
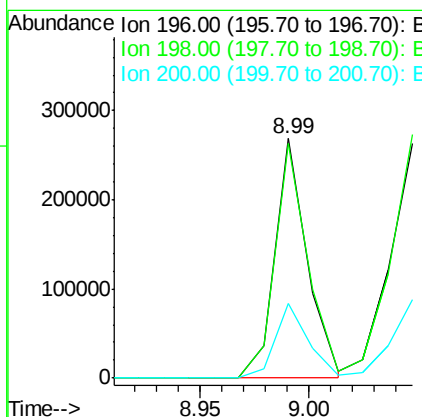
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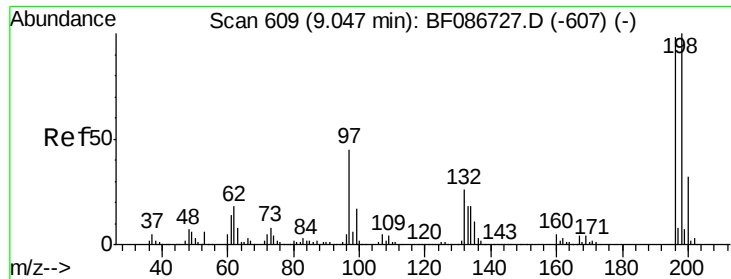
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#42
 2,4,6-Trichlorophenol
 Concen: 46.15 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

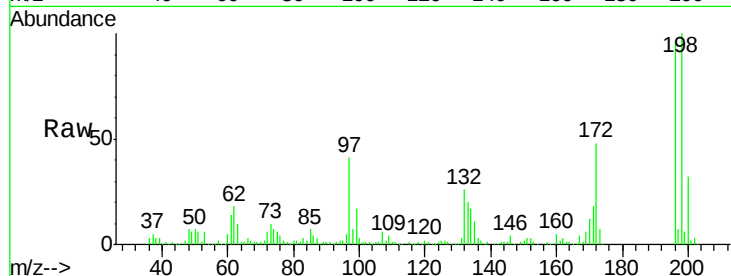
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279858		
198	98.0	74.7	112.1	
200	31.4	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 46.39 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

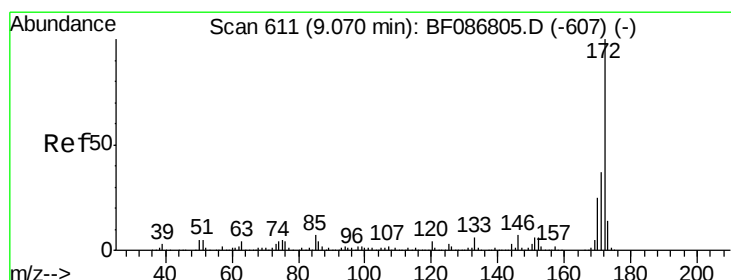
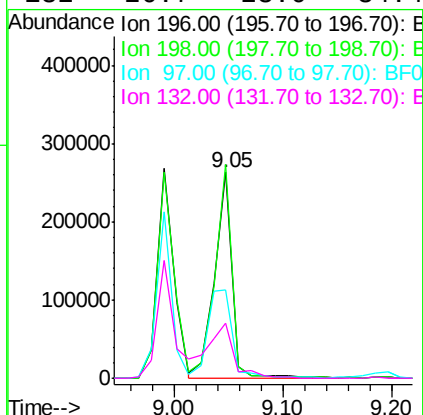
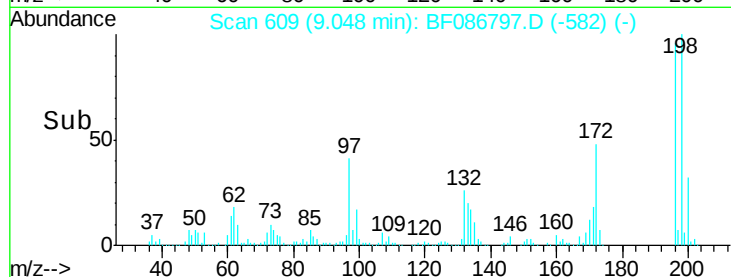
Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD



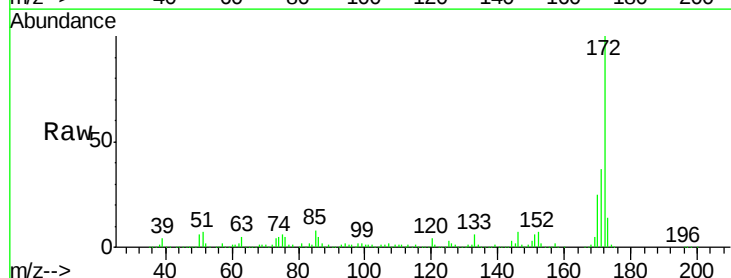
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293908		
198	103.9	77.5	116.3	
97	42.9	34.8	52.2	
132	26.7	23.0	34.4	

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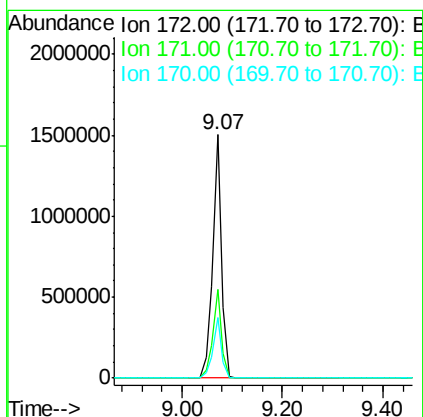
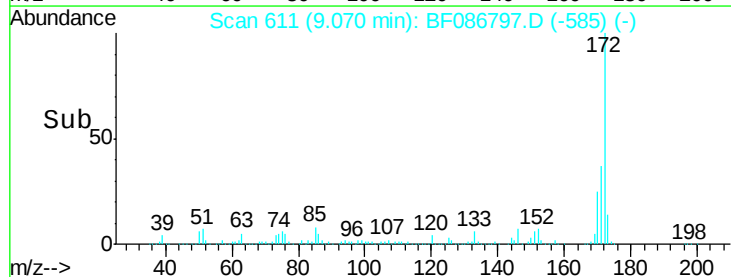
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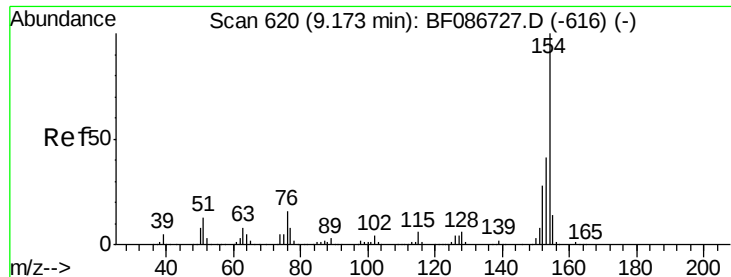


#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1826486		
171	36.6	29.0	43.6	
170	24.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 48.14 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion:154 Resp: 1296701

Ion Ratio Lower Upper

154 100

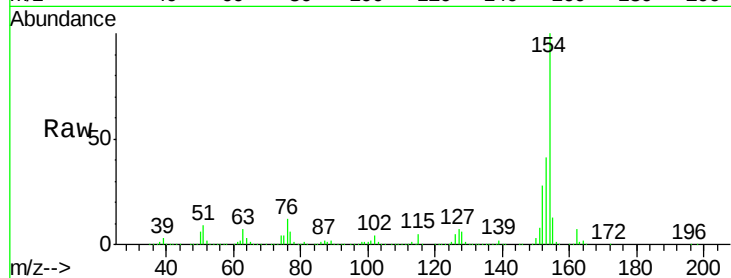
153 41.0 20.3 60.3

76 11.6 0.0 30.2

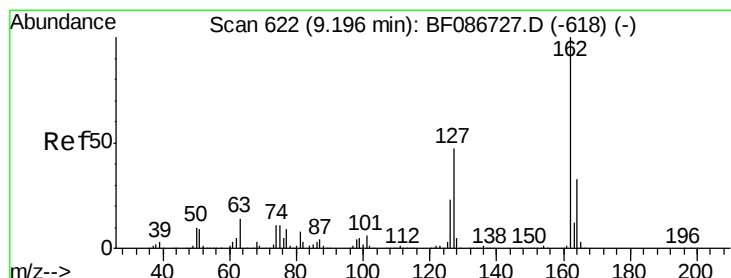
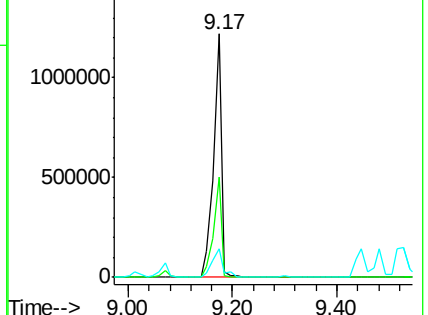
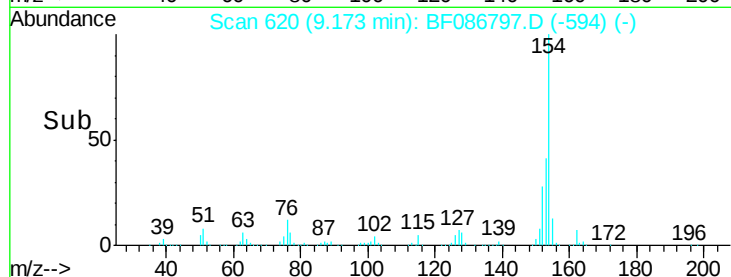
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.27 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

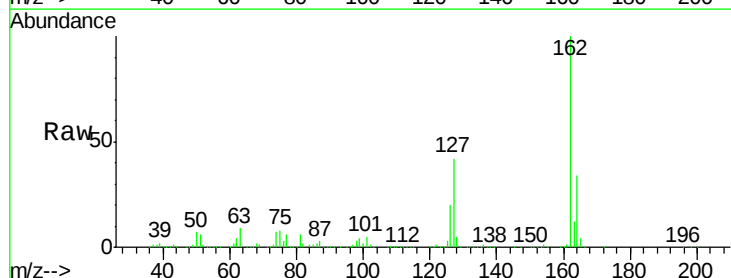
Tgt Ion:162 Resp: 961642

Ion Ratio Lower Upper

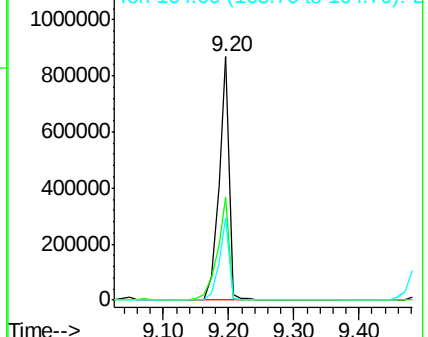
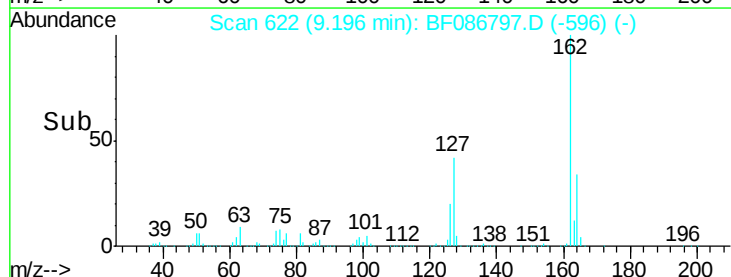
162 100

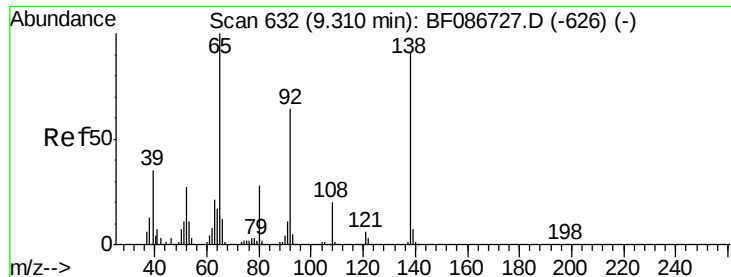
127 42.1 31.8 47.6

164 33.6 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





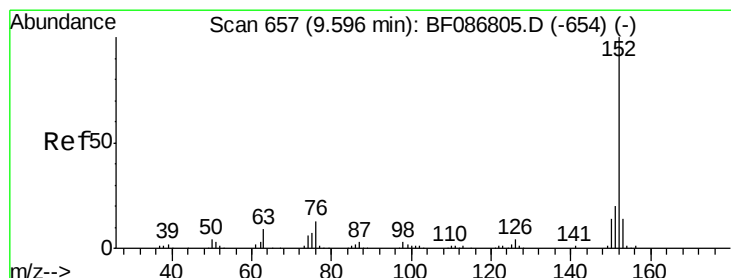
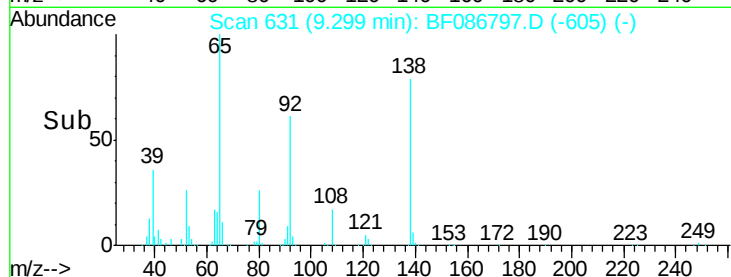
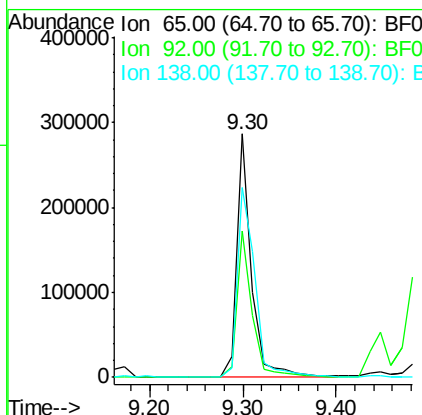
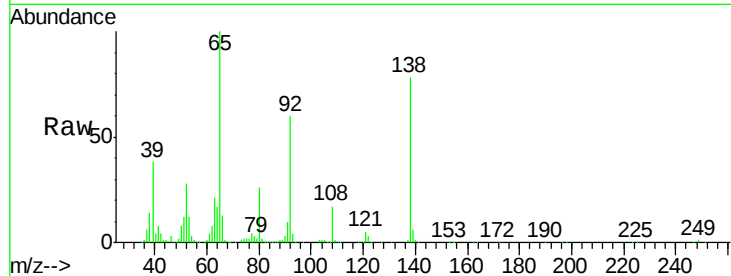
#47
2-Nitroaniline
Concen: 43.00 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	317786		
92	60.1	57.4	86.2	
138	78.0	90.1	135.1#	

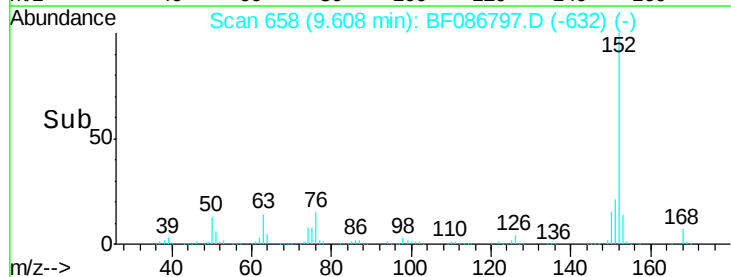
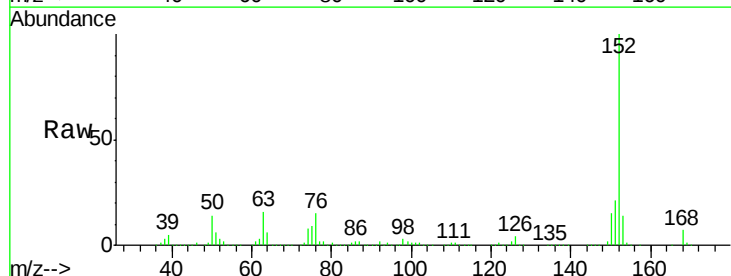
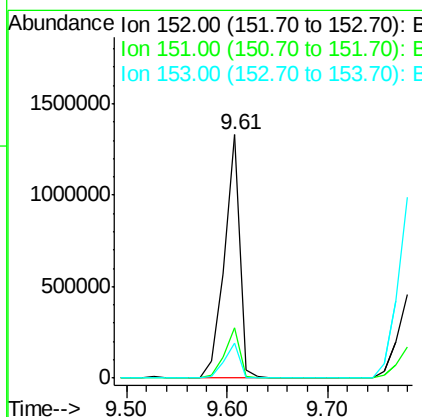
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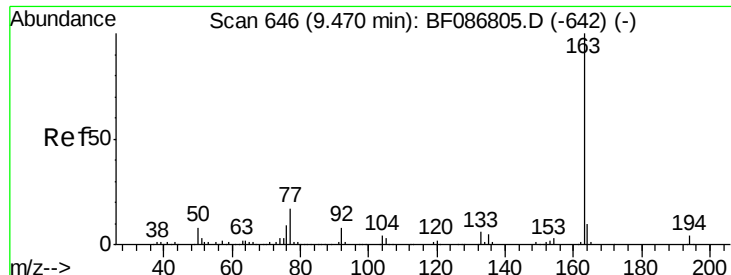
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#48
Acenaphthylene
Concen: 45.53 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1405038		
151	20.7	16.8	25.2	
153	14.1	10.9	16.3	





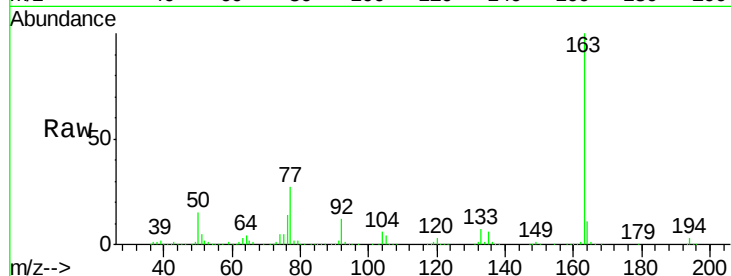
#49
Dimethylphthalate
Concen: 43.99 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

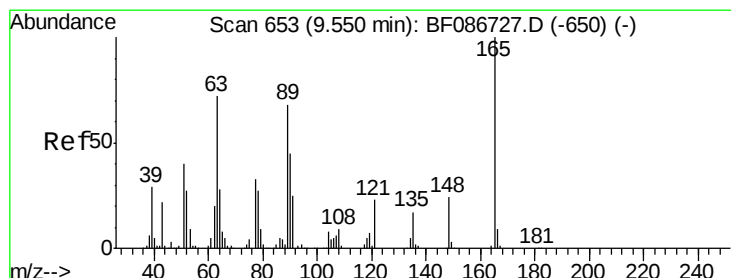
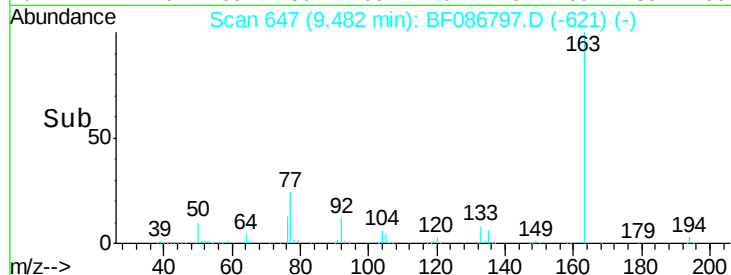
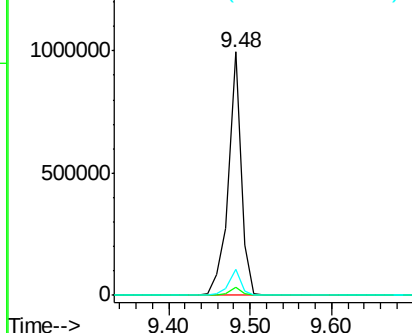
Tgt Ion:163 Resp: 1080371
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.2 12.4

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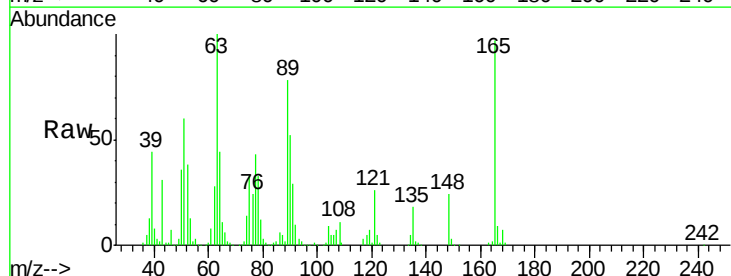


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

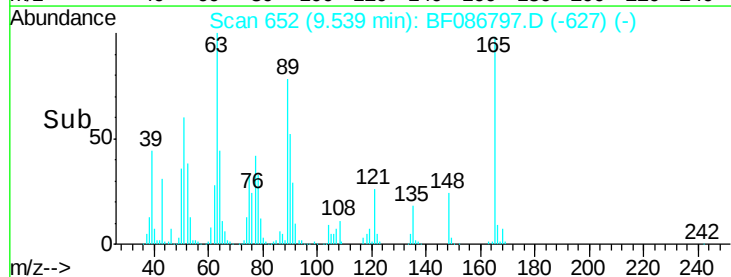
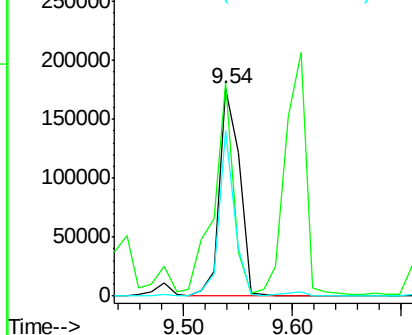


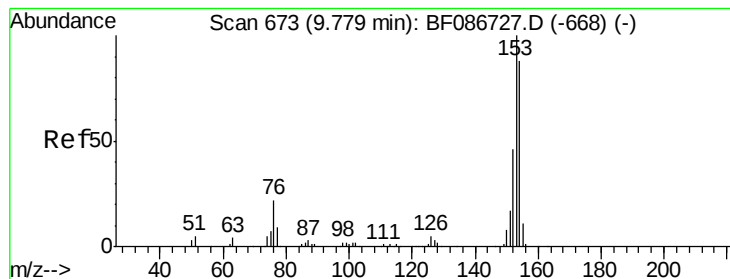
#50
2,6-Dinitrotoluene
Concen: 42.77 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion:165 Resp: 225431
Ion Ratio Lower Upper
165 100
63 102.9 51.8 77.8#
89 80.1 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.32 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086797.D

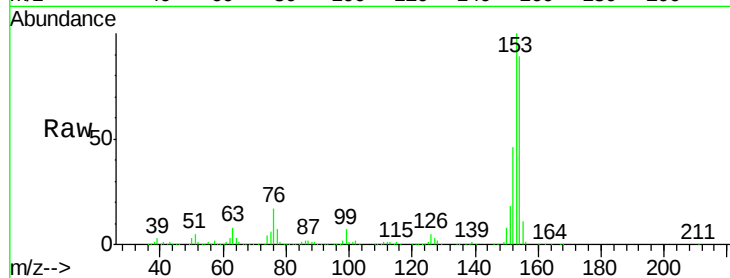
Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

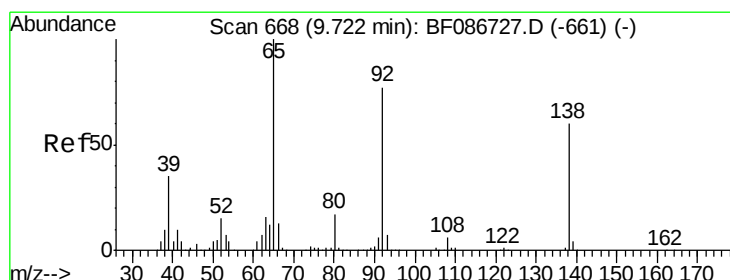
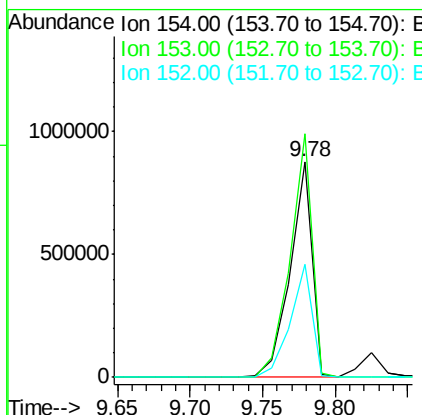
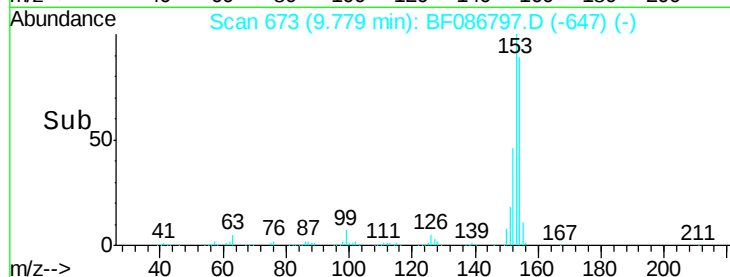
MWHR3-14MSD



Tgt Ion:	154	Resp:	922476
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	52.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 21.65 ng

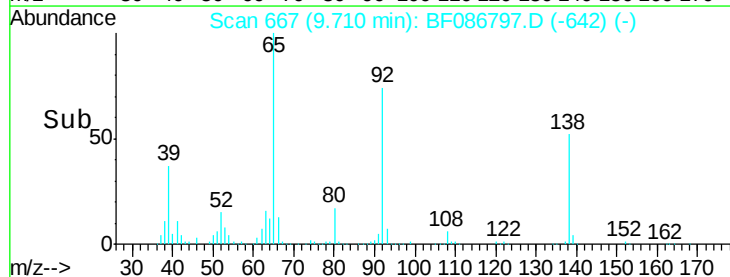
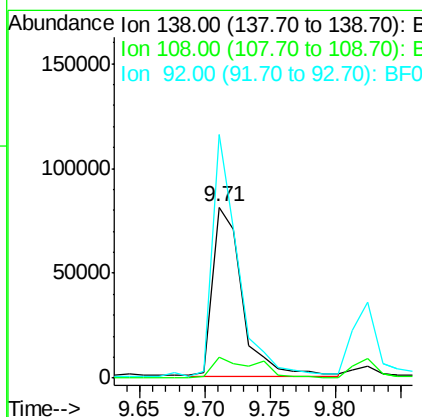
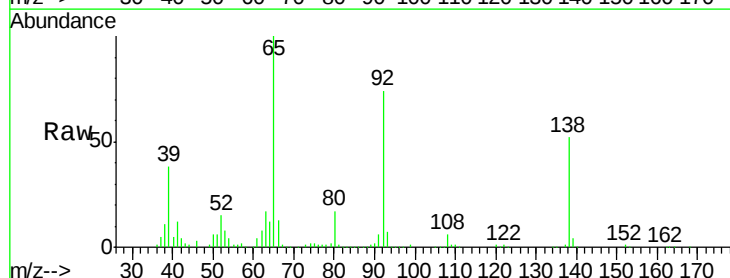
RT: 9.71 min Scan# 667

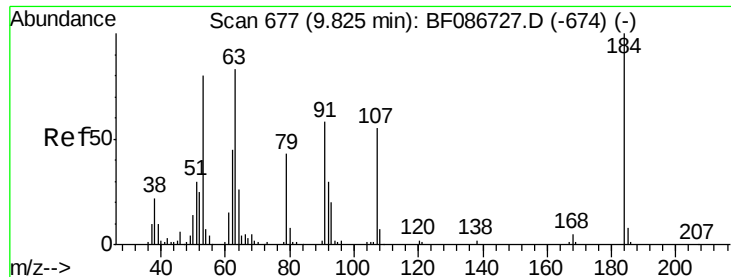
Delta R.T. -0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	138	Resp:	129749
Ion Ratio	Lower	Upper	
138	100		
108	12.4	7.8	11.6#
92	142.4	87.8	131.8#





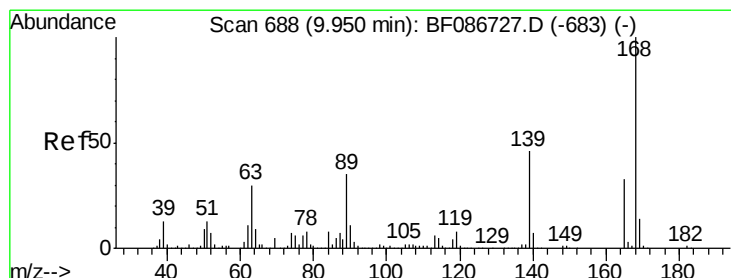
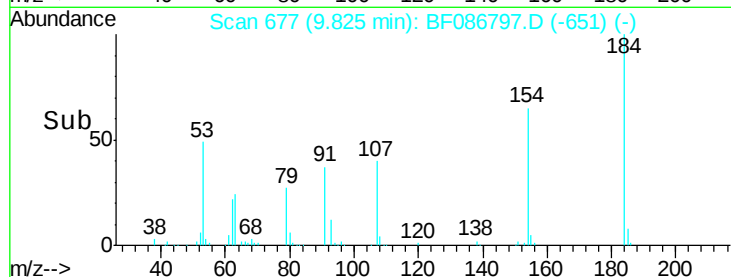
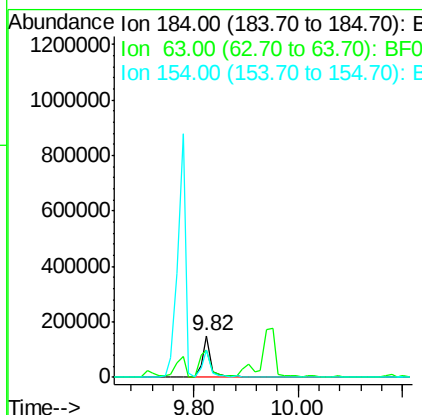
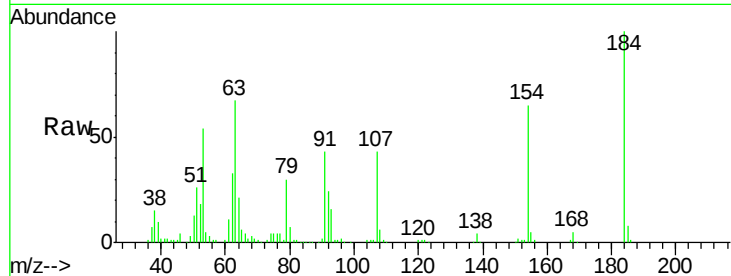
#53
 2,4-Dinitrophenol
 Concen: 82.96 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	183949		
63	66.8	55.8	83.8	
154	65.2	62.4	93.6	

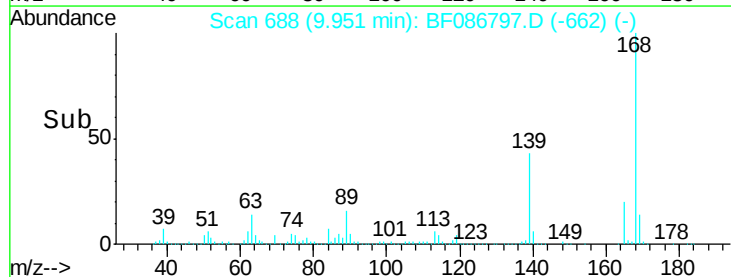
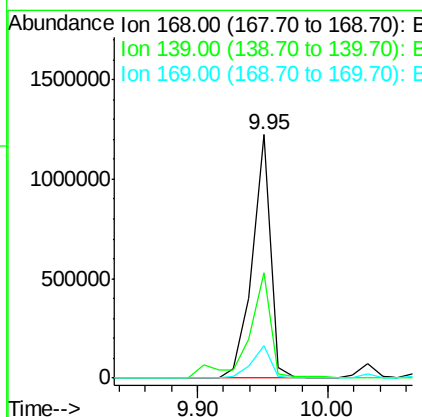
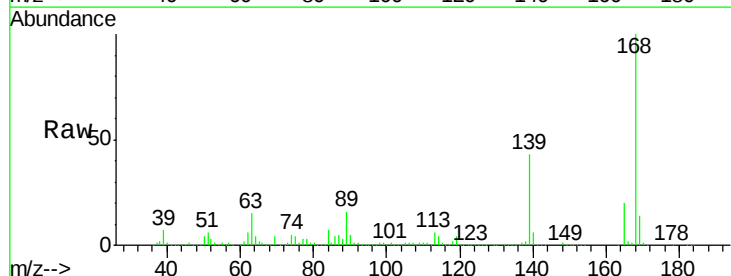
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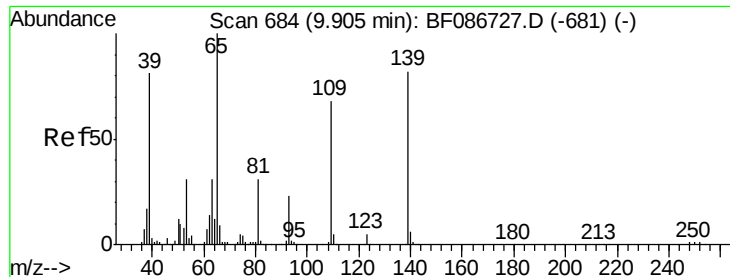
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#54
 Dibenzofuran
 Concen: 47.55 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1199540		
139	43.1	31.4	47.0	
169	13.6	10.7	16.1	





#55

4-Nitrophenol

Concen: 30.46 ng m

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

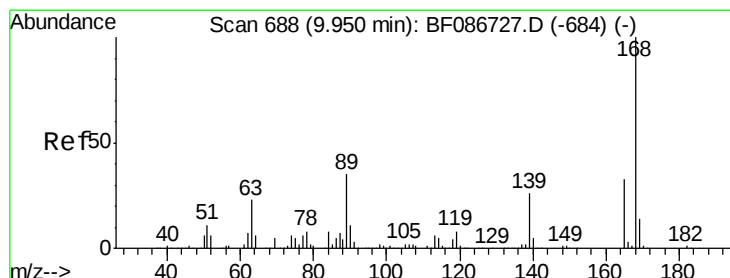
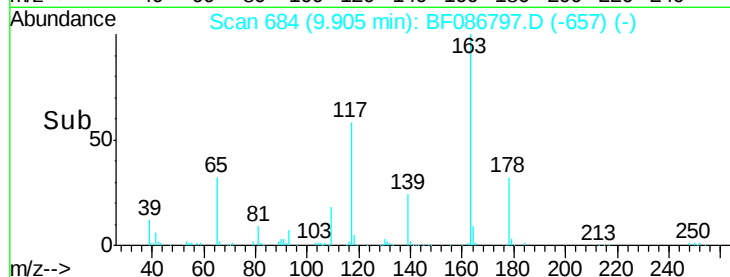
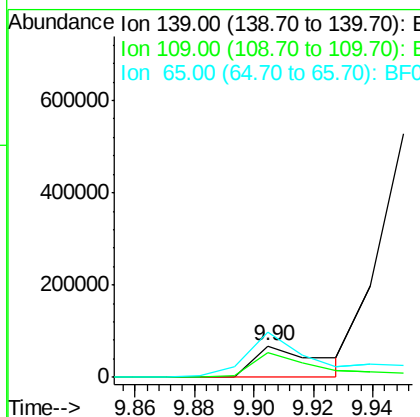
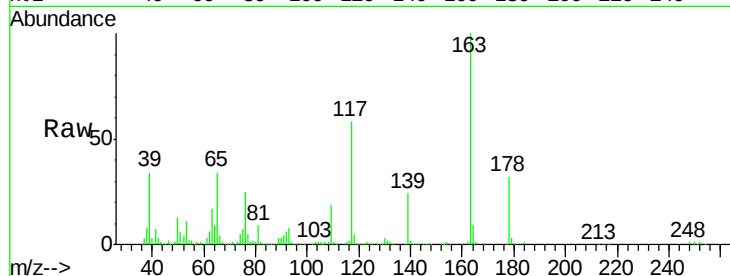
ClientSampleId :

MWHR3-14MSD

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Tgt Ion:	139	Resp:	106425
Ion Ratio	Lower	Upper	
139	100		
109	78.5	36.9	76.9#
65	141.3	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 45.65 ng

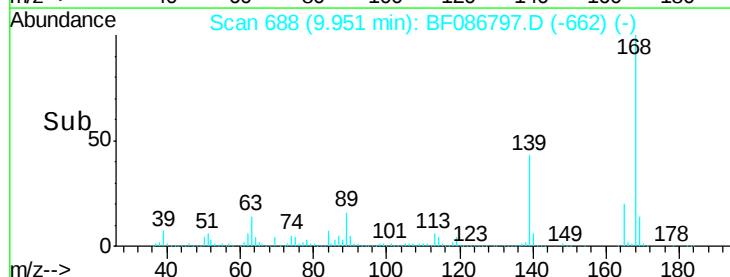
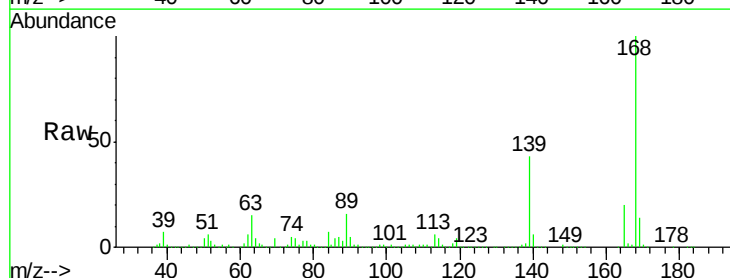
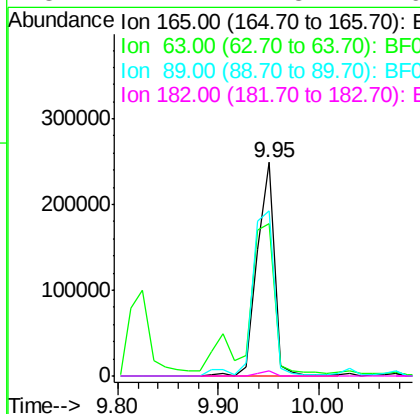
RT: 9.95 min Scan# 688

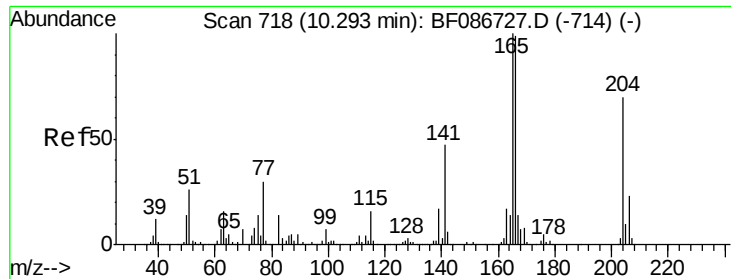
Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	165	Resp:	298192
Ion Ratio	Lower	Upper	
165	100		
63	71.5	44.3	66.5#
89	77.1	70.0	105.0
182	2.2	1.8	2.6





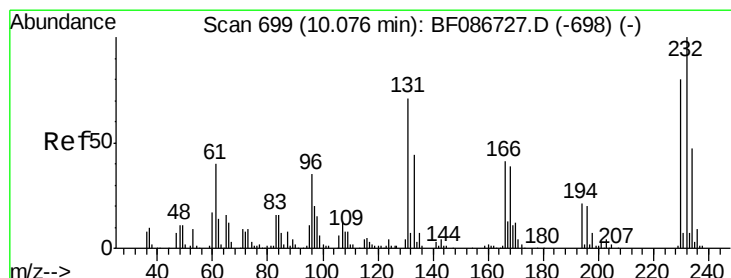
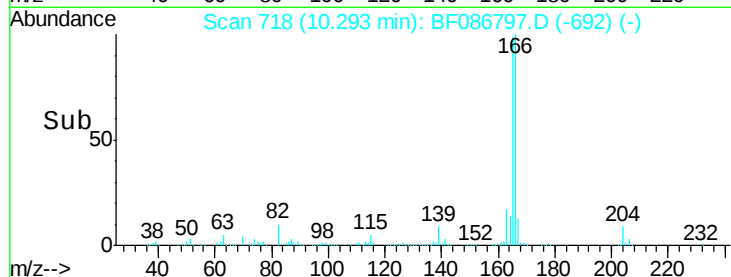
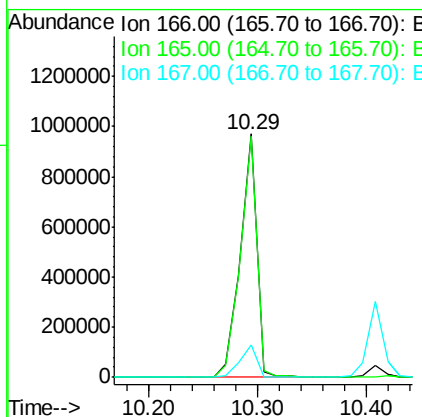
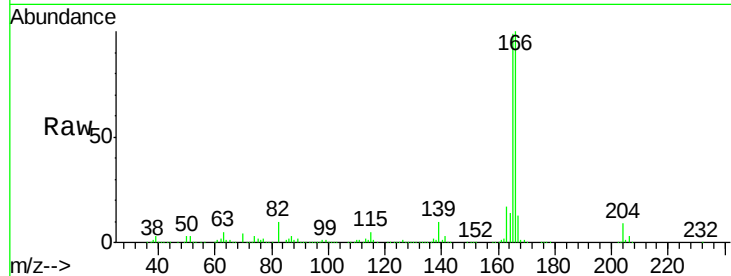
#57
Fluorene
 Concen: 49.31 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	13.3	10.6	15.8

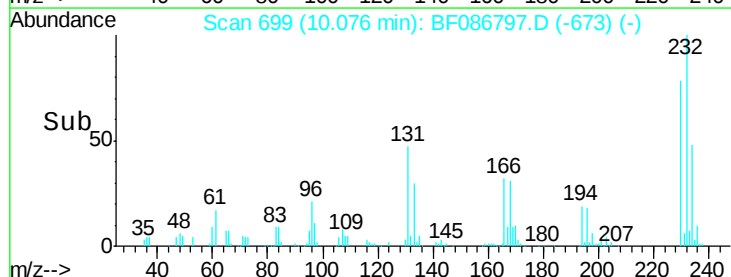
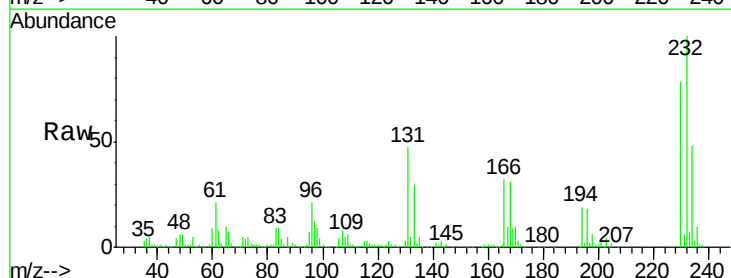
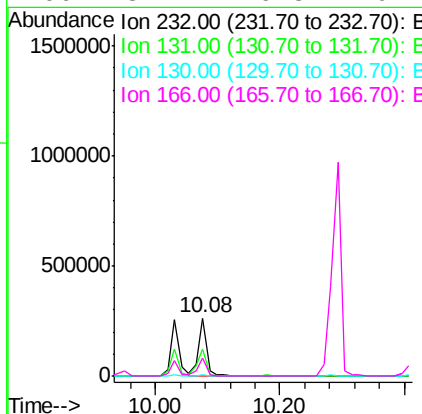
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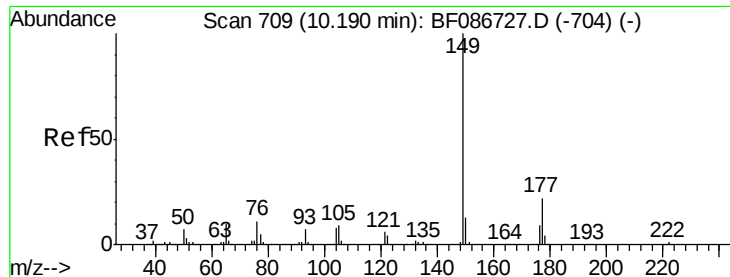
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.45 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.9	41.9	62.9
130	2.7	2.2	3.4
166	32.2	26.8	40.2





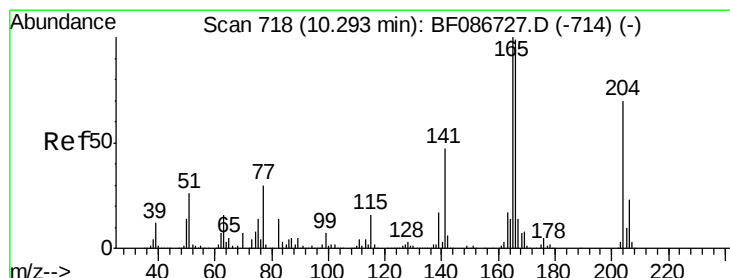
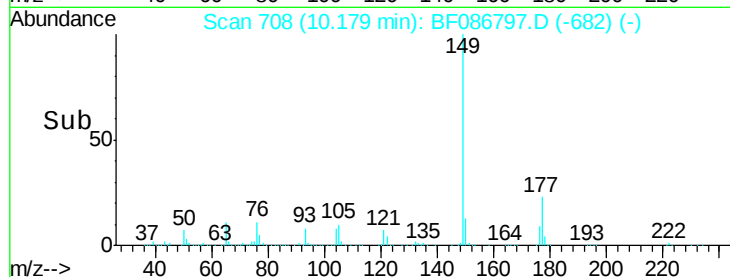
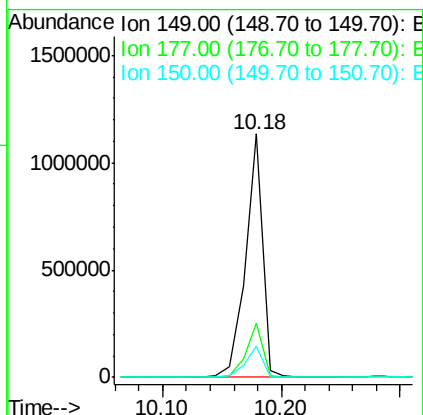
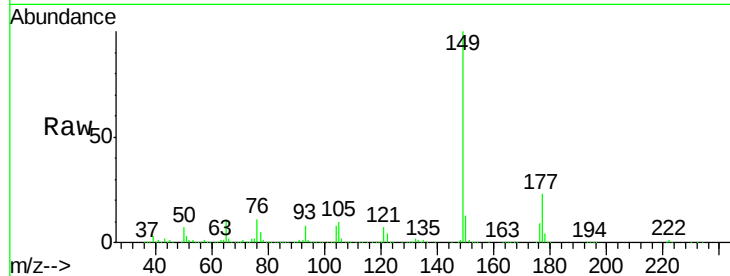
#59
Diethylphthalate
Concen: 48.80 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion:149 Resp: 1134320
Ion Ratio Lower Upper
149 100
177 22.5 16.6 24.8
150 12.8 10.0 15.0

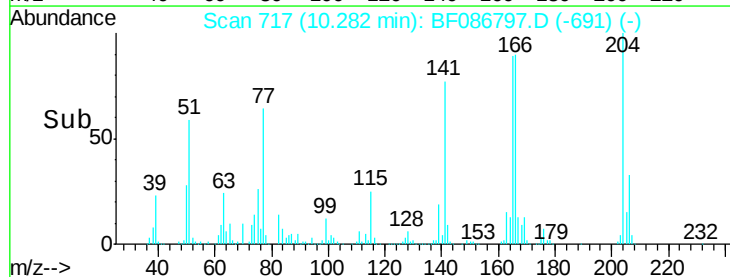
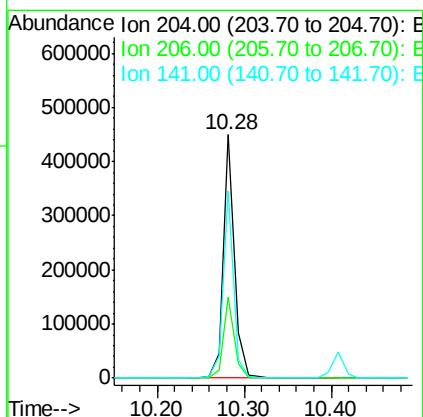
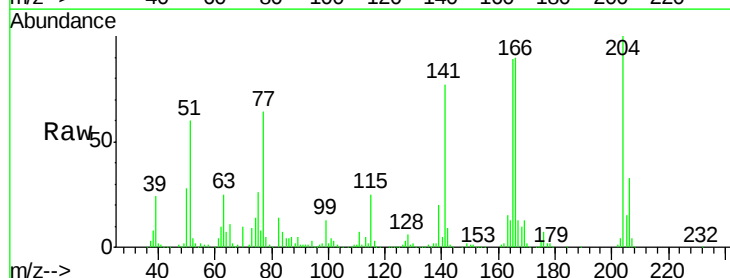
Manual Integrations
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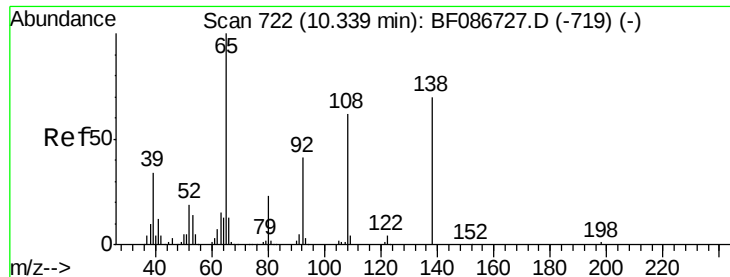
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 41.89 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion:204 Resp: 407198
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.0
141 77.1 61.6 92.4





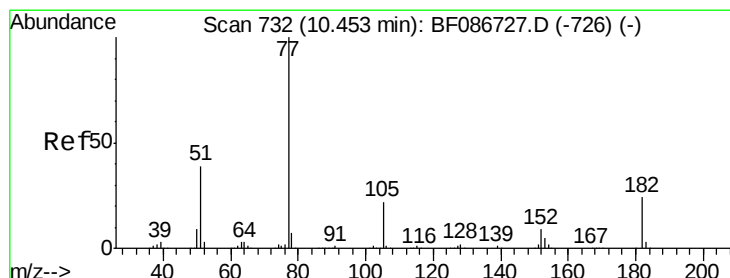
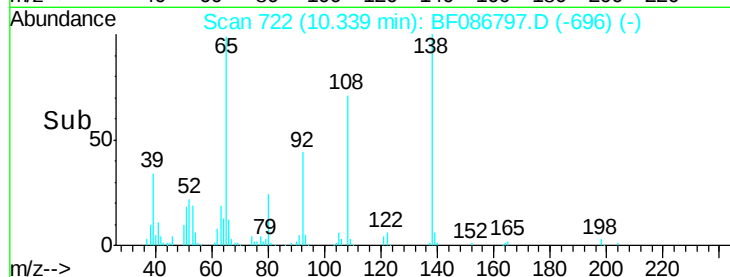
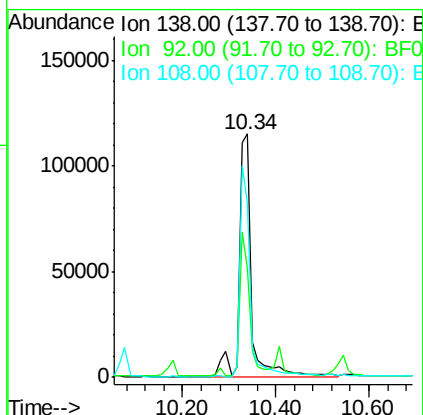
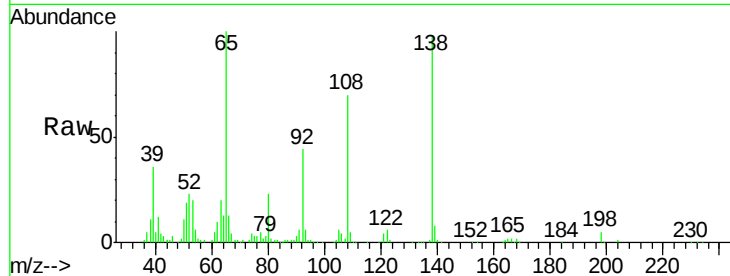
#61
4-Nitroaniline
Concen: 38.04 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	24.7	64.7
108	71.7	37.4	77.4

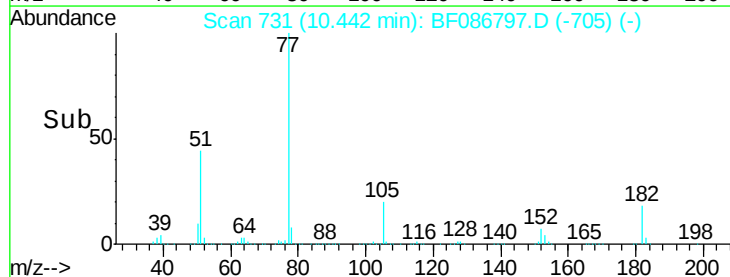
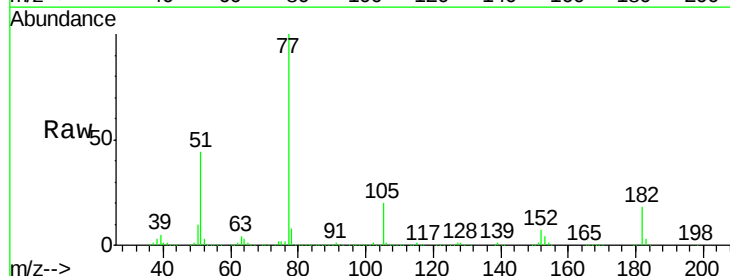
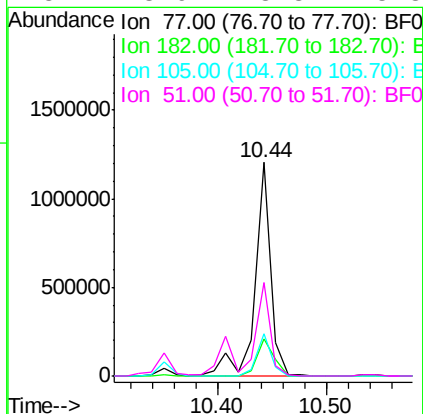
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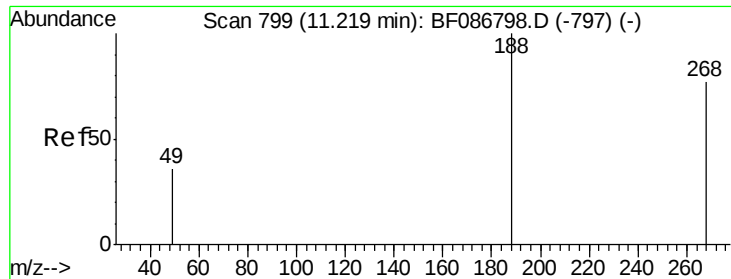
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#62
Azobenzene
Concen: 47.59 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	38.8
105	20.0	3.2	43.2
51	43.9	8.8	48.8





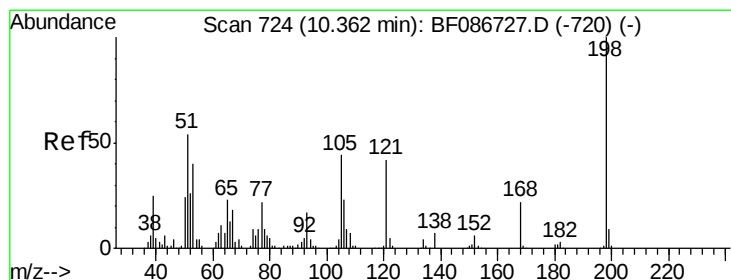
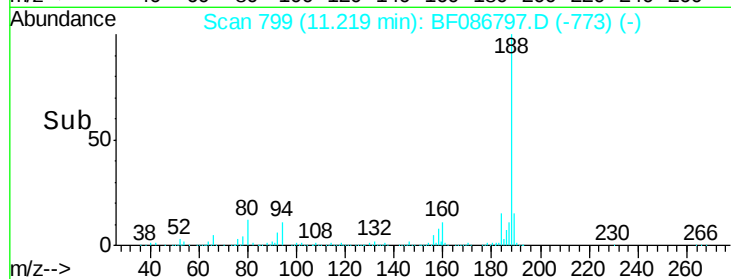
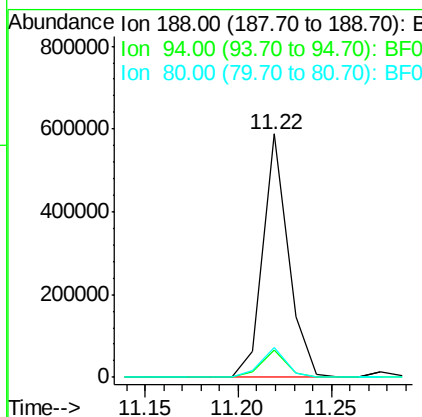
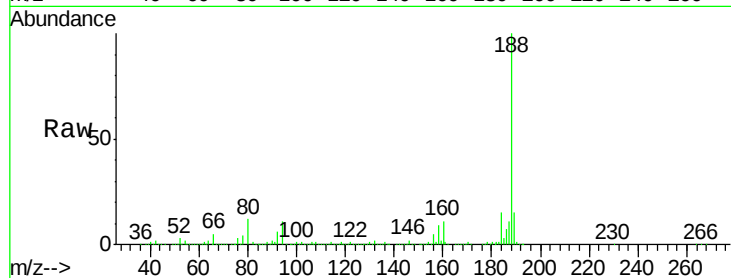
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.1	7.1	10.7#

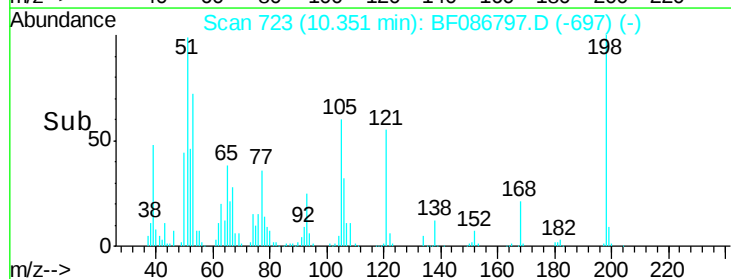
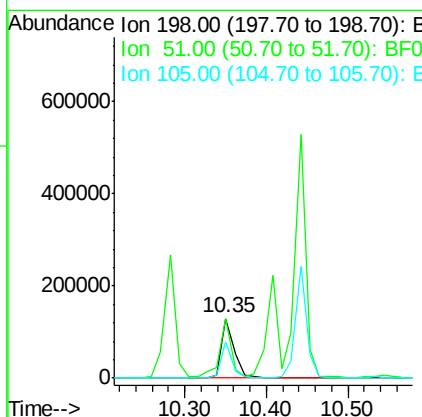
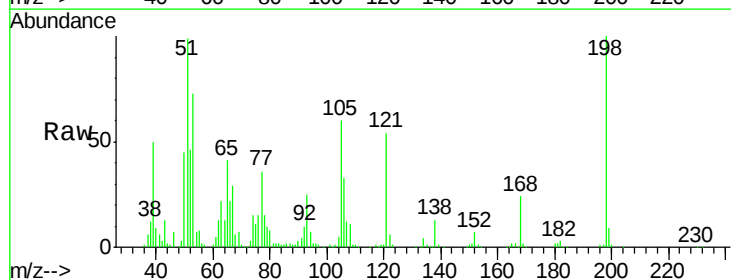
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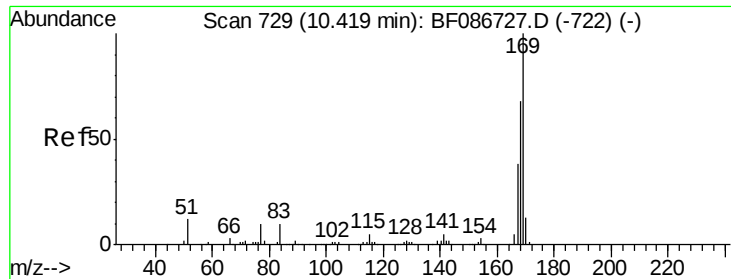
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.10 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	99.3	20.5	60.5#
105	60.5	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 44.62 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion:169 Resp: 785072
Ion Ratio Lower Upper

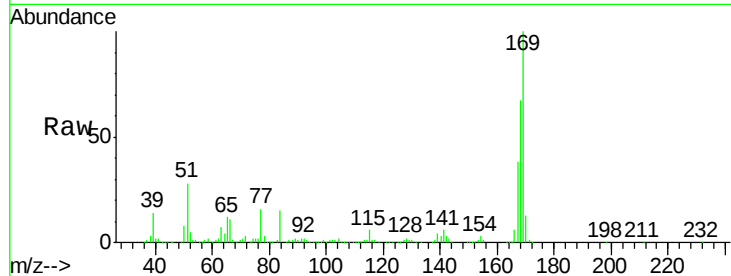
169 100

168 67.4 53.8 80.6

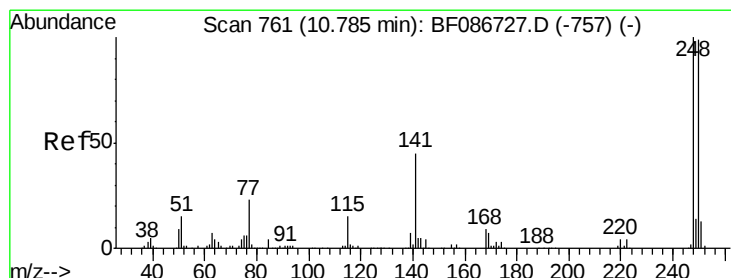
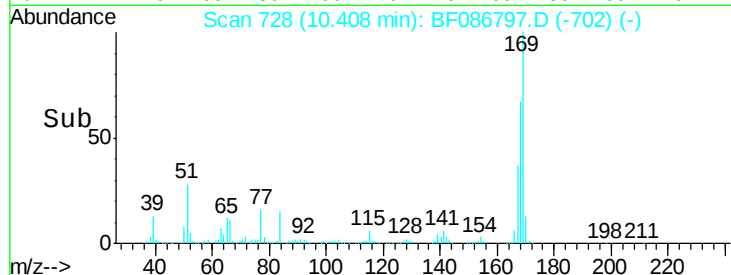
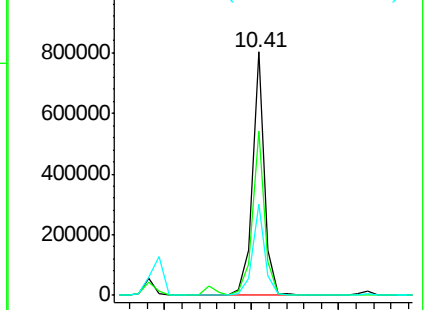
167 37.5 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 52.20 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF086797.D

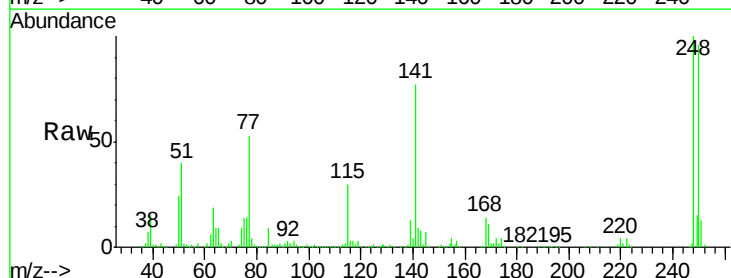
Acq: 8 May 2016 2:22

Tgt Ion:248 Resp: 287448
Ion Ratio Lower Upper

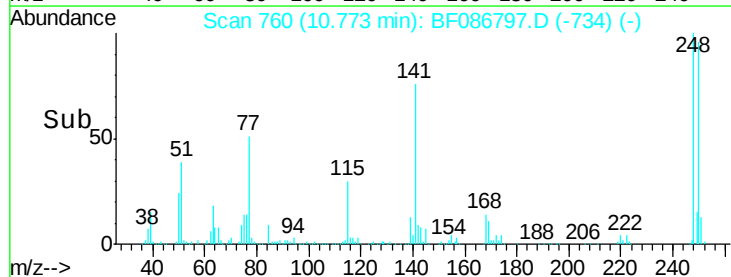
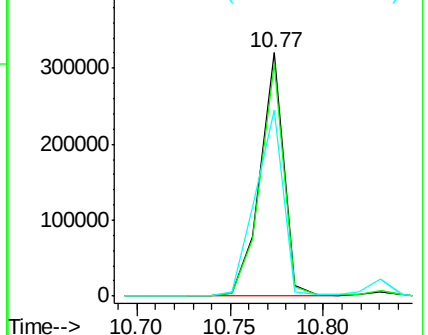
248 100

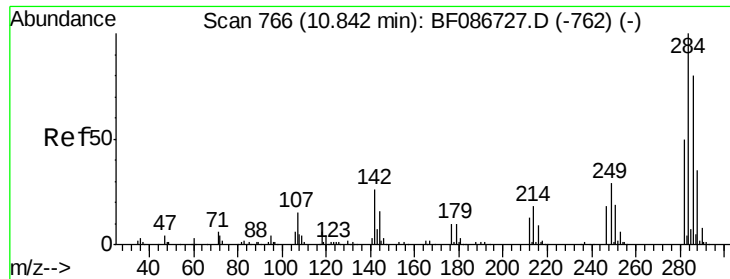
250 95.5 78.6 117.8

141 76.5 76.0 114.0



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





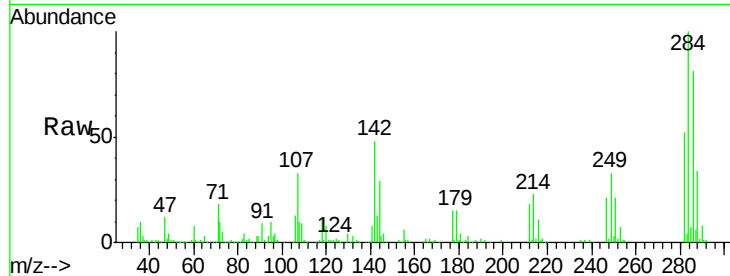
#67
Hexachlorobenzene
Concen: 43.65 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

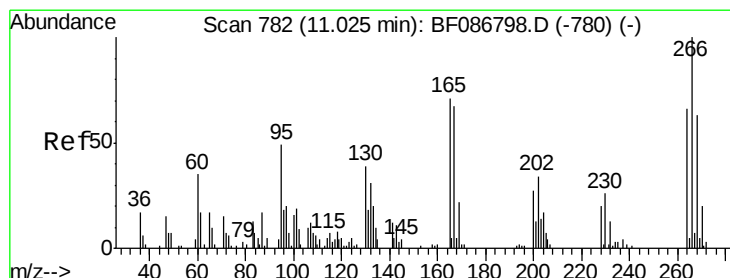
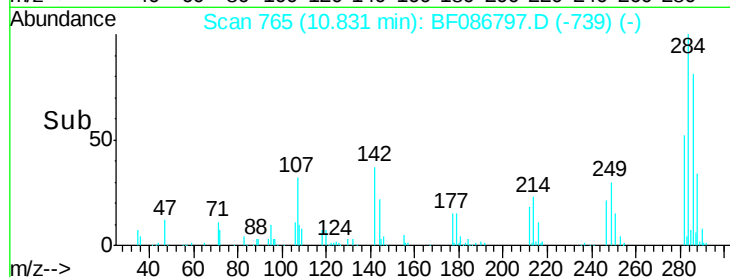
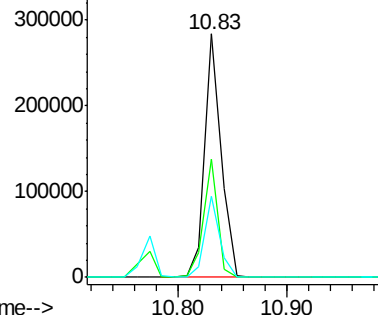
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	48.5	16.7	25.1#
249	33.1	21.3	31.9#

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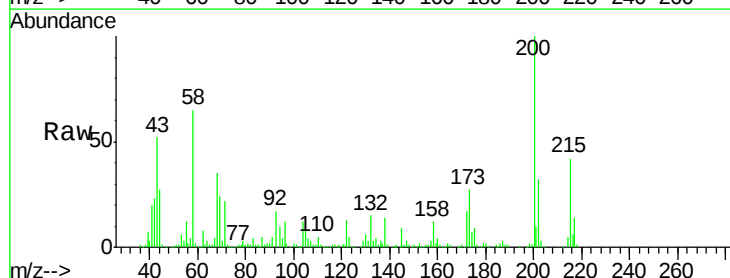


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

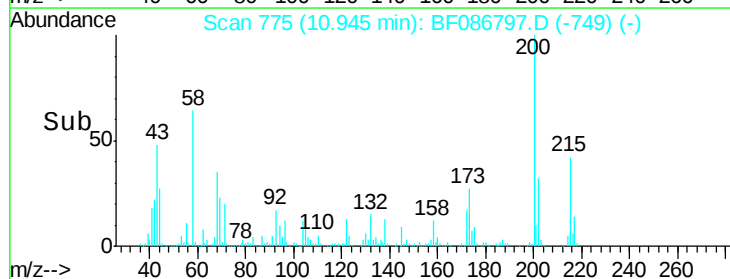
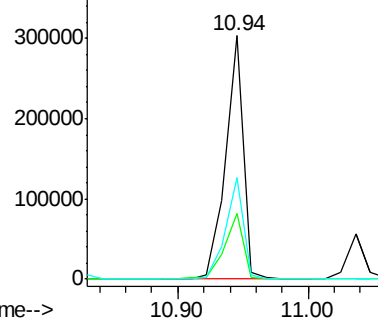


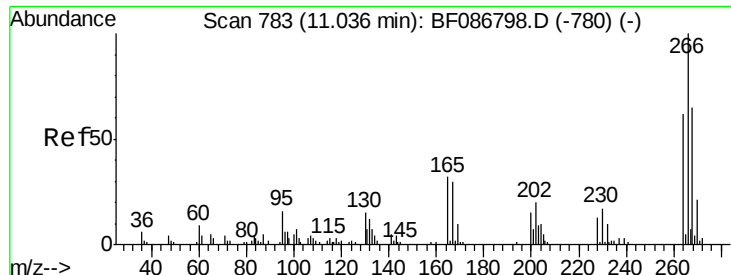
#68
Atrazine
Concen: 53.25 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	8.5	48.5
215	41.7	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





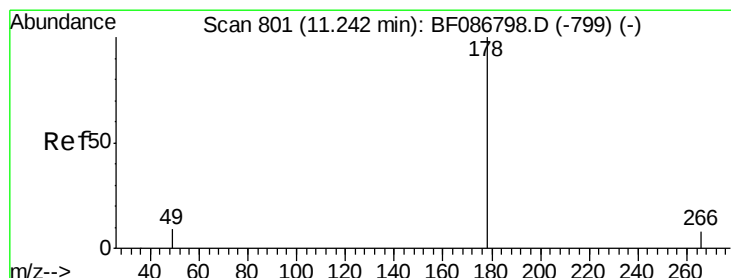
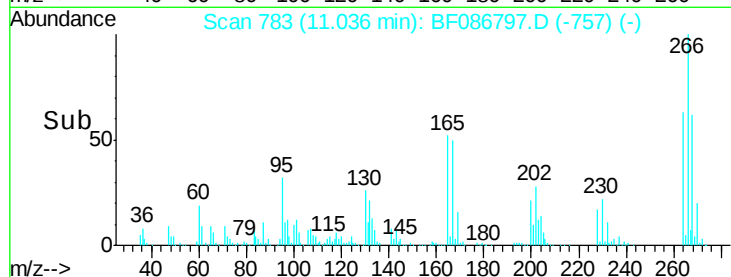
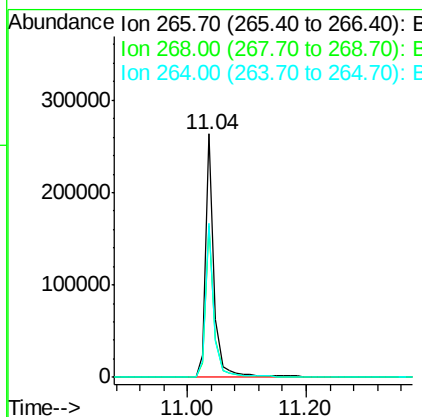
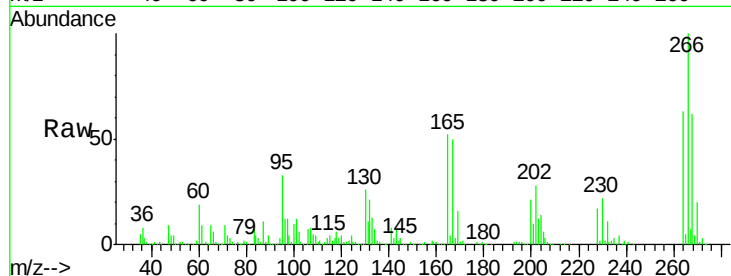
#69
 Pentachlorophenol
 Concen: 83.49 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	272950		
268	62.4	51.5	77.3	
264	63.3	52.9	79.3	

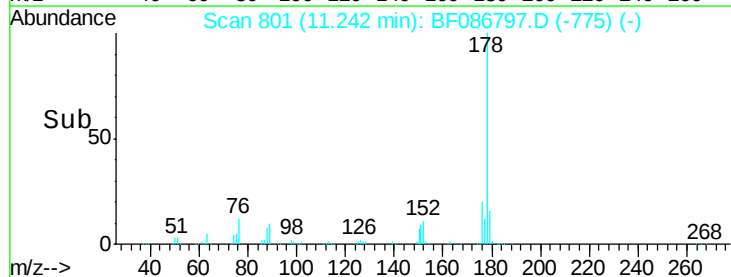
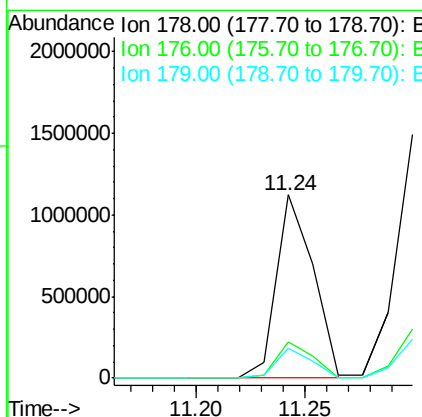
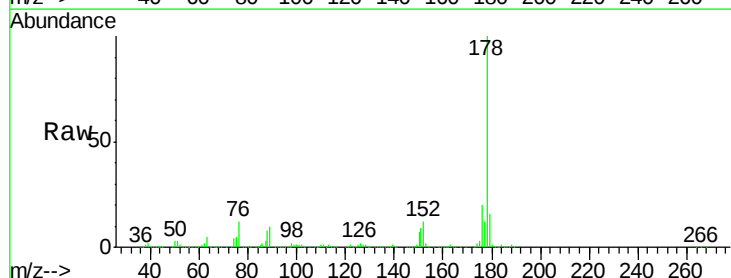
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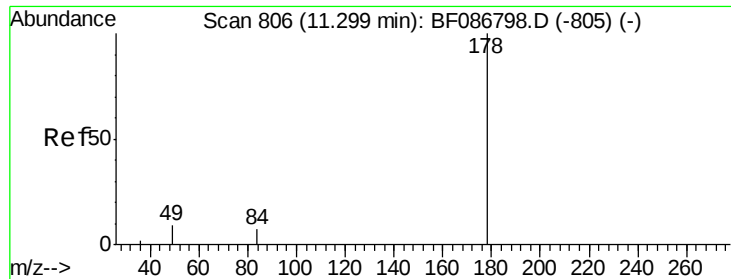
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#70
 Phenanthrene
 Concen: 44.83 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1334259		
176	20.0	16.0	24.0	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 45.53 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion:178 Resp: 1419057

Ion Ratio Lower Upper

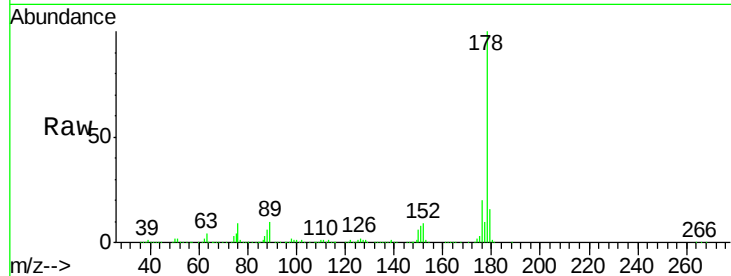
178 100

176 20.0 15.6 23.4

179 16.1 12.7 19.1

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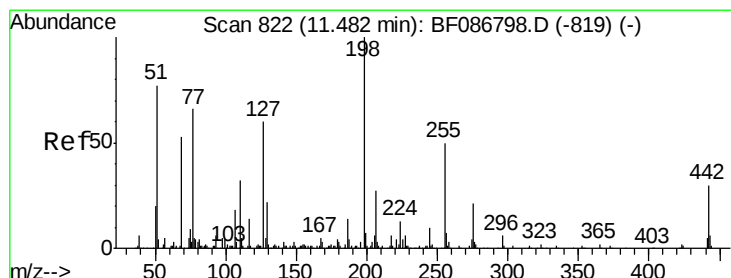
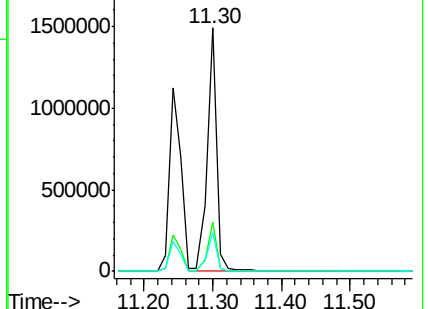
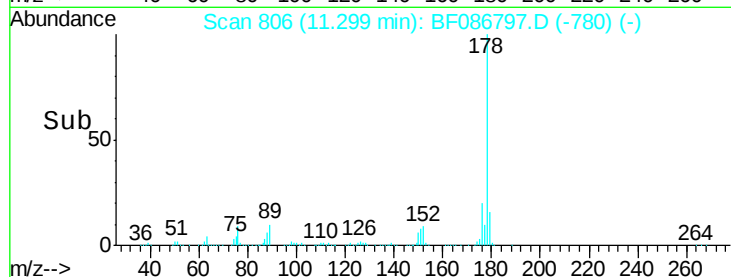
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.81 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

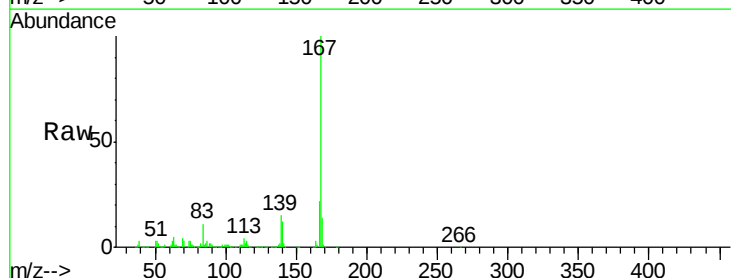
Tgt Ion:167 Resp: 1158538

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

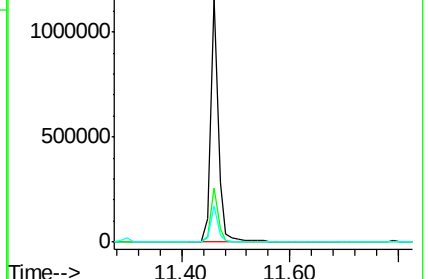
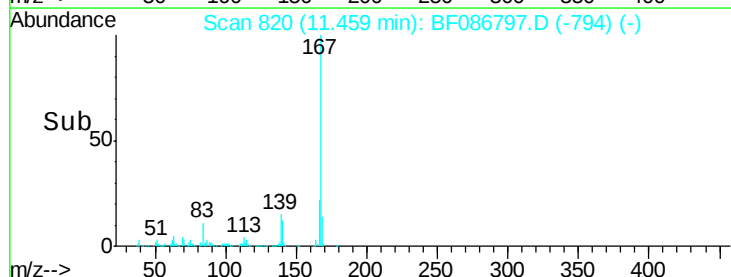
139 15.1 10.8 16.2

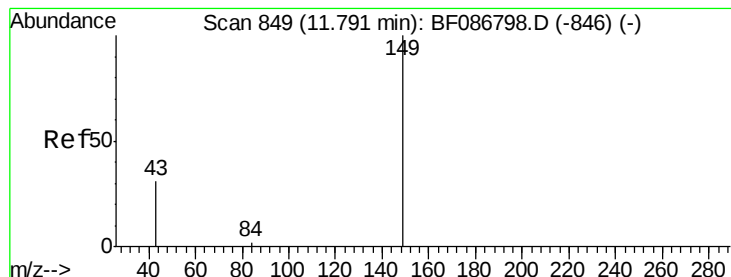


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.33 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

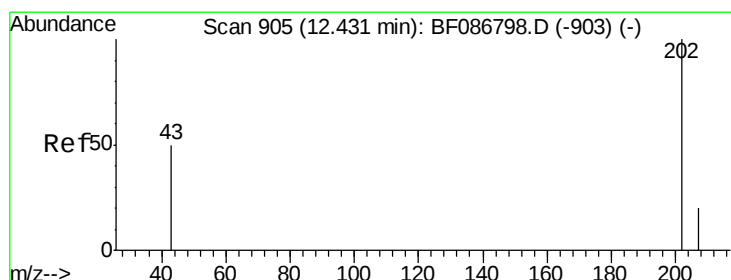
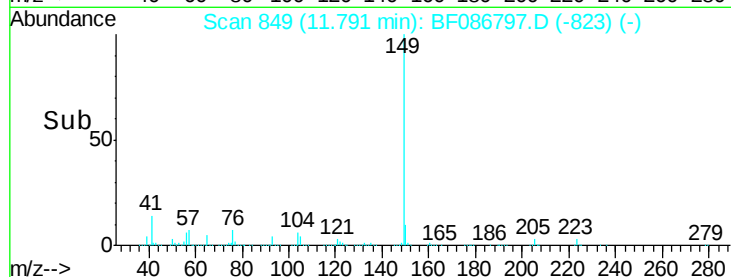
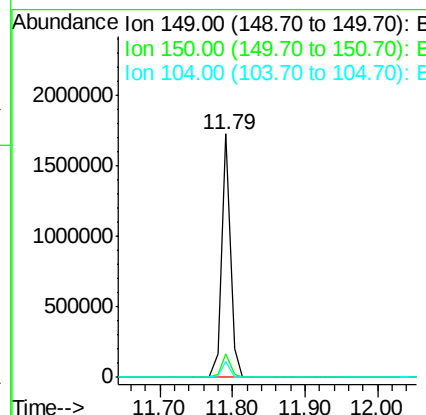
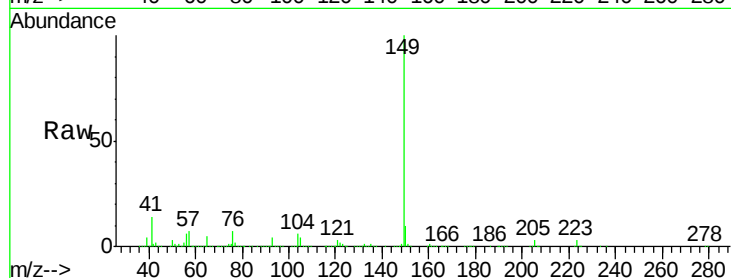
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Tgt Ion:149 Resp: 1456517

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.3	3.8	5.6



#74

Fluoranthene

Concen: 47.56 ng

RT: 12.43 min Scan# 905

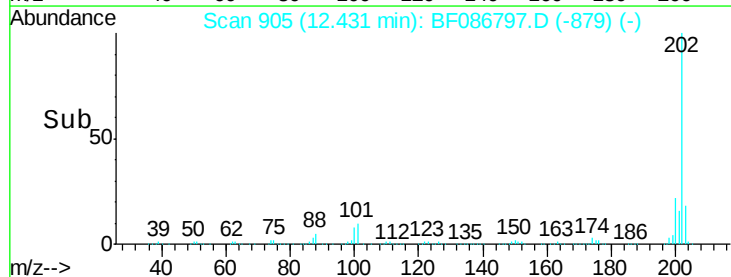
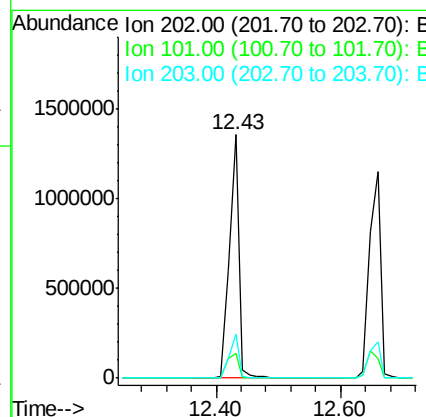
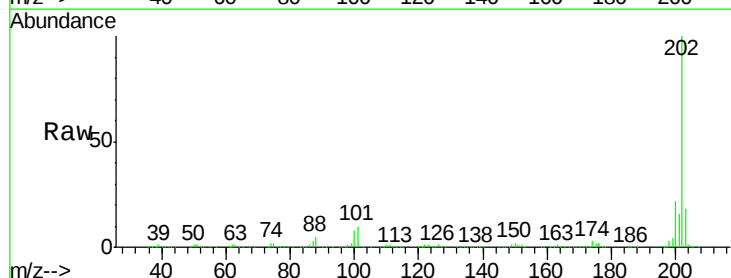
Delta R.T. -0.00 min

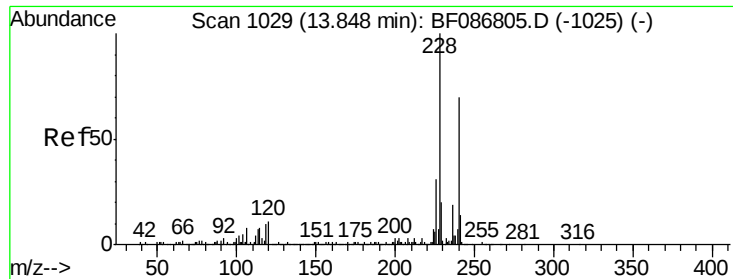
Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:202 Resp: 1418419

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086797.D

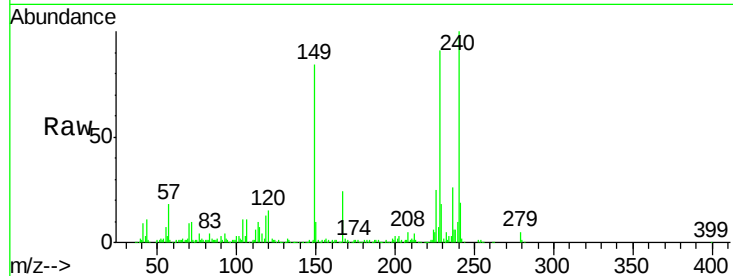
Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

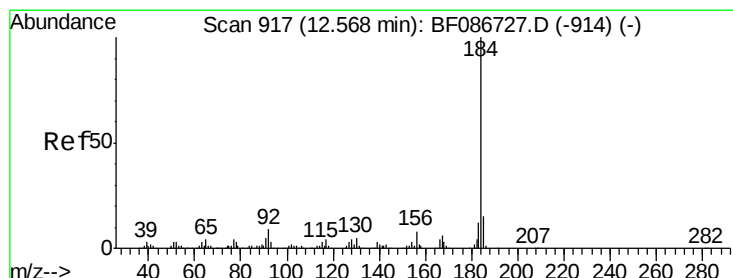
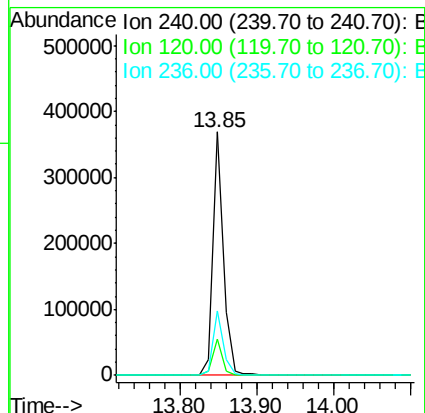
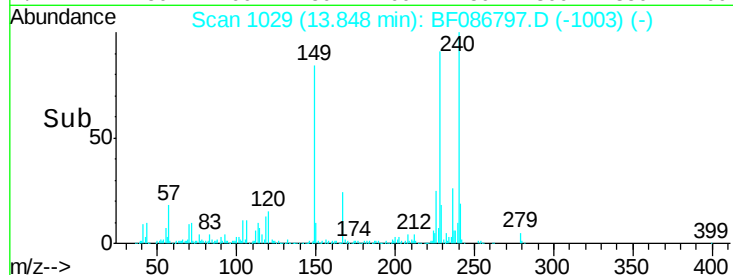
MWHR3-14MSD



Tgt Ion:	240	Resp:	348974
Ion Ratio	Lower	Upper	
240	100		
120	14.7	11.2	16.8
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 24.20 ng

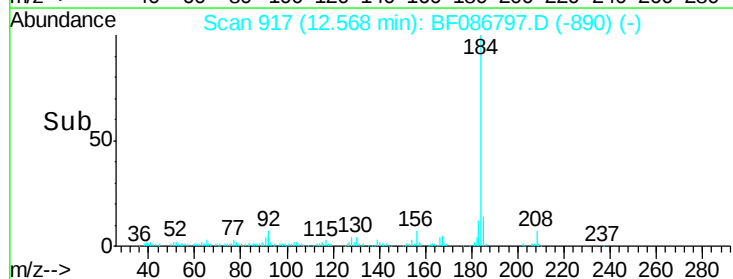
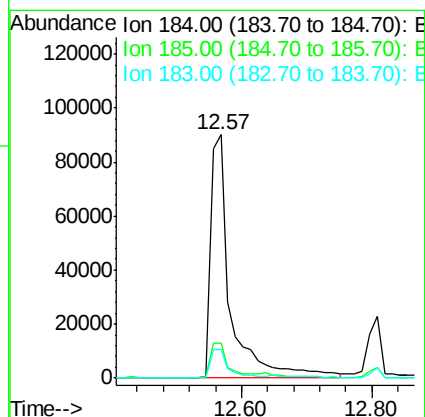
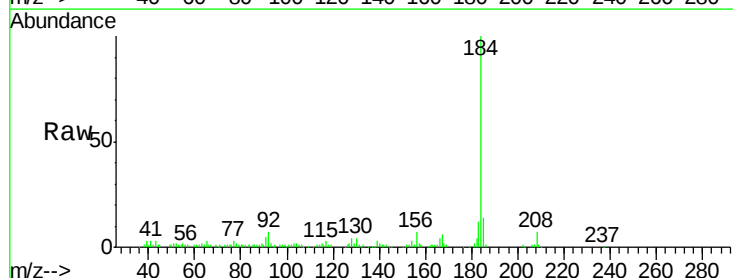
RT: 12.57 min Scan# 917

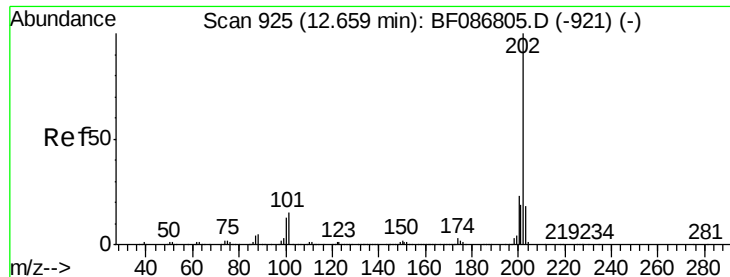
Delta R.T. 0.01 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	184	Resp:	191843
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.6	20.4
183	12.0	9.8	14.6





#77

Pyrene

Concen: 50.62 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion:202 Resp: 1408318

Ion Ratio Lower Upper

202 100

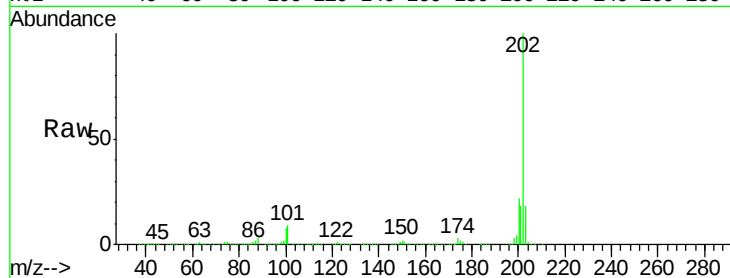
200 21.8 17.7 26.5

203 17.5 14.2 21.4

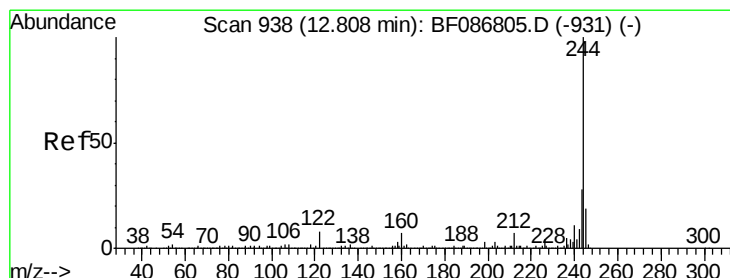
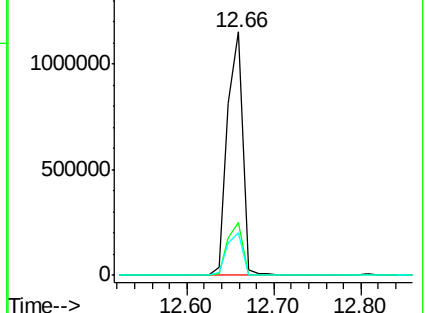
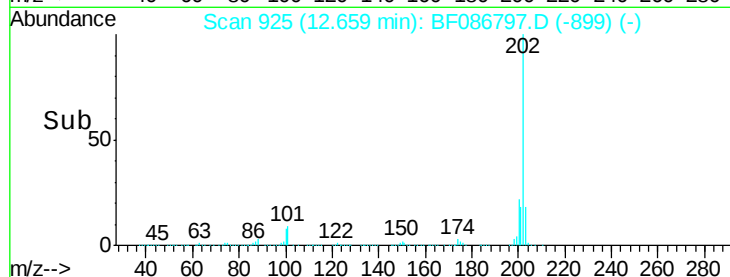
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.22 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

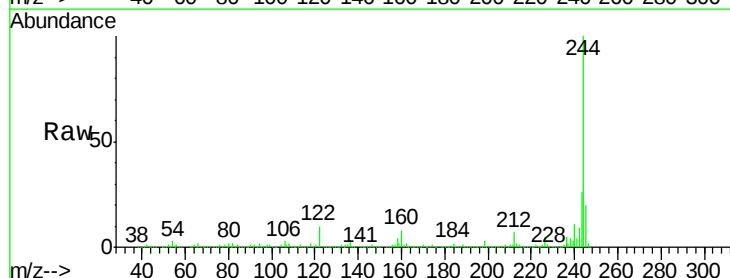
Tgt Ion:244 Resp: 1661410

Ion Ratio Lower Upper

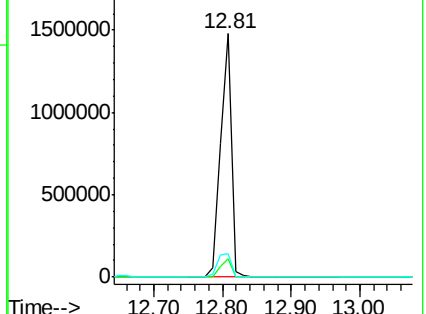
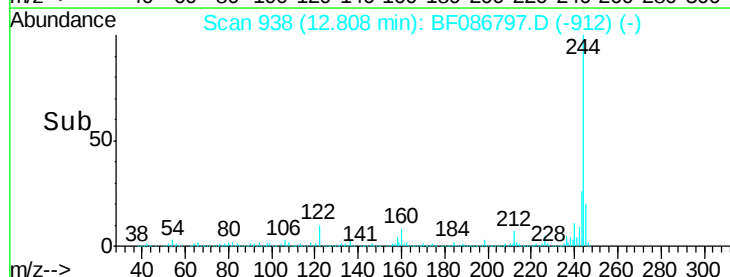
244 100

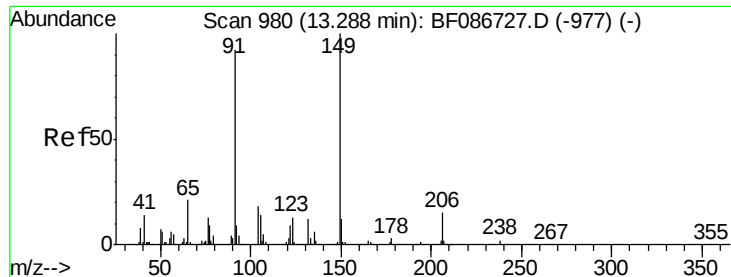
212 7.4 6.2 9.2

122 9.5 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.26 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

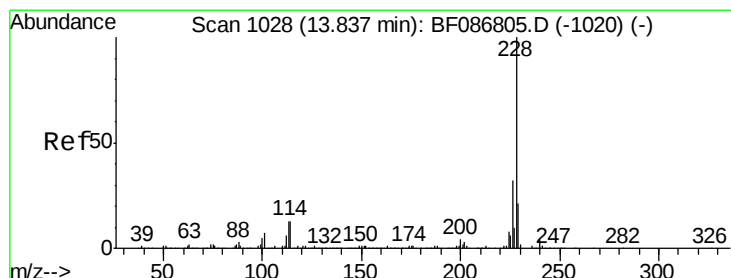
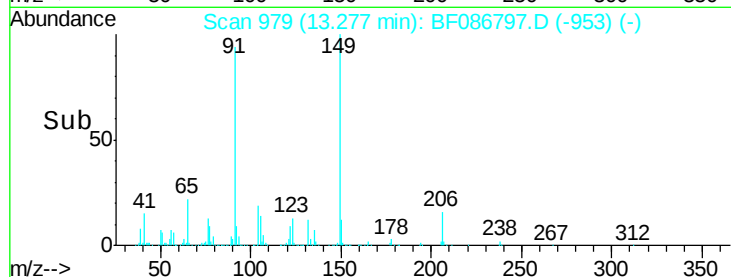
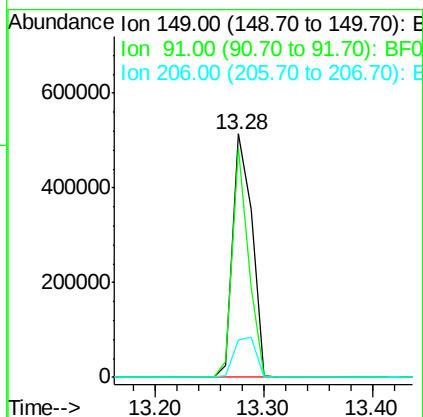
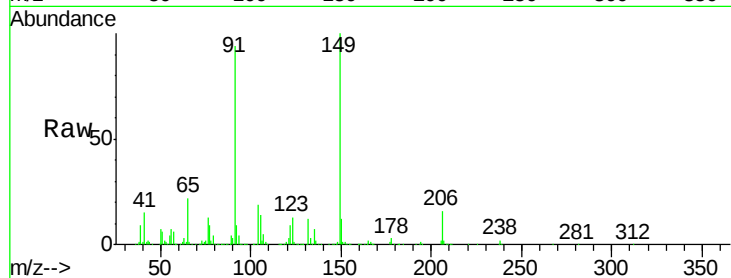
ClientSampleId :

MWHR3-14MSD

Tgt Ion:	149	Resp:	620689
Ion Ratio	Lower	Upper	
149	100		
91	94.4	48.0	72.0#
206	15.6	15.8	23.6#

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#80

Benzo(a)anthracene

Concen: 46.79 ng

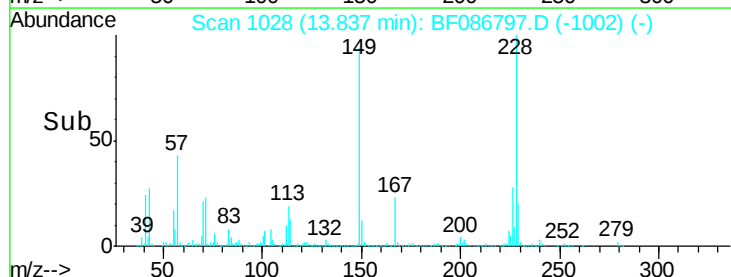
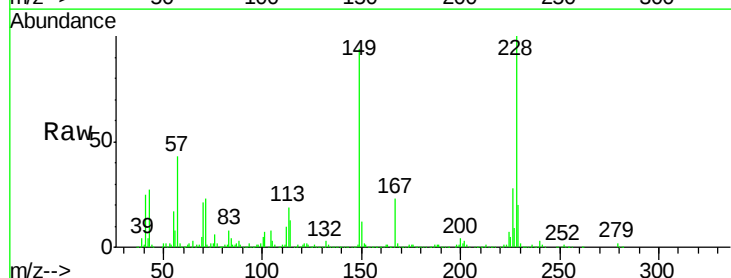
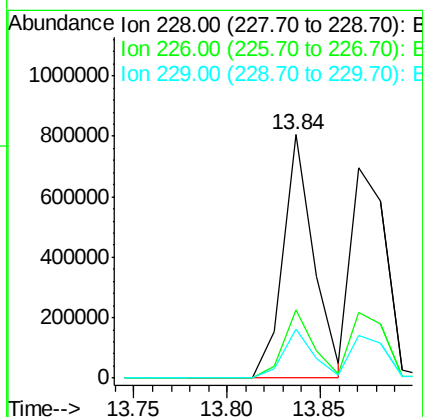
RT: 13.84 min Scan# 1028

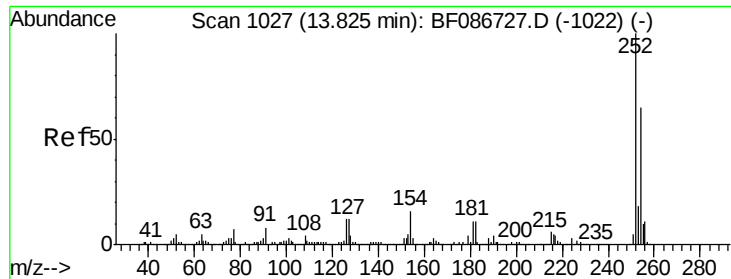
Delta R.T. -0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Tgt Ion:	228	Resp:	923394
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	20.0	16.6	25.0





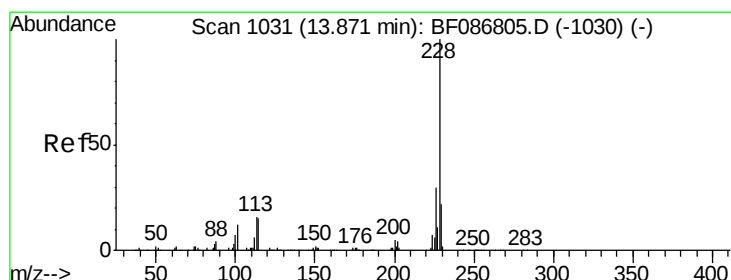
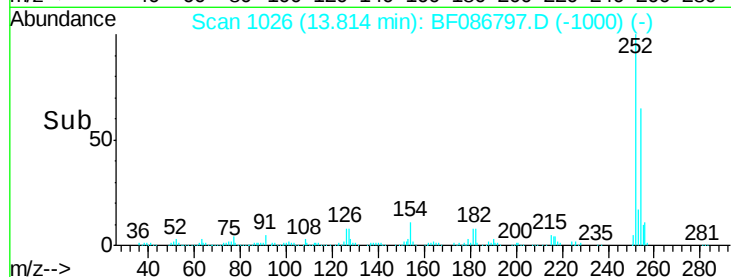
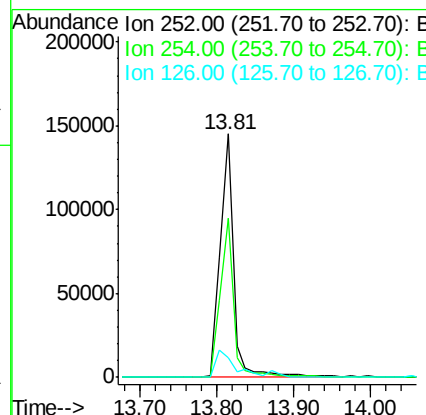
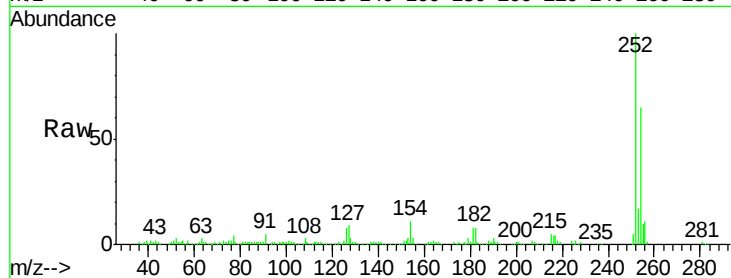
#81
 3,3'-Dichlorobenzidine
 Concen: 14.37 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	50.7	76.1
126	7.9	12.7	19.1

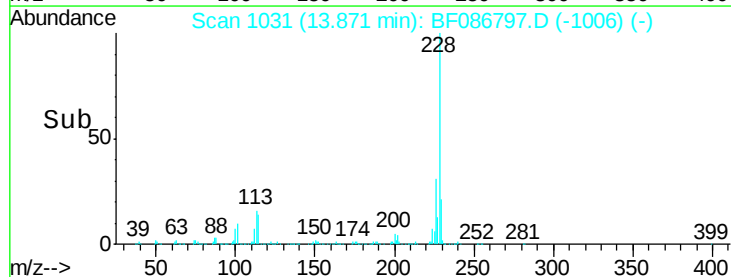
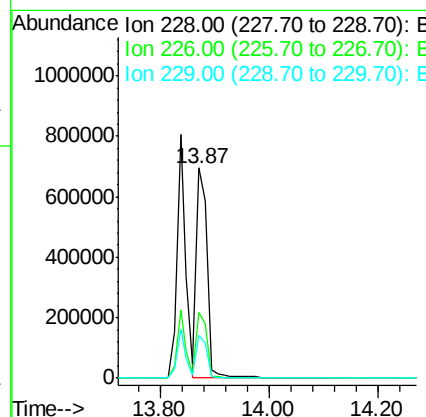
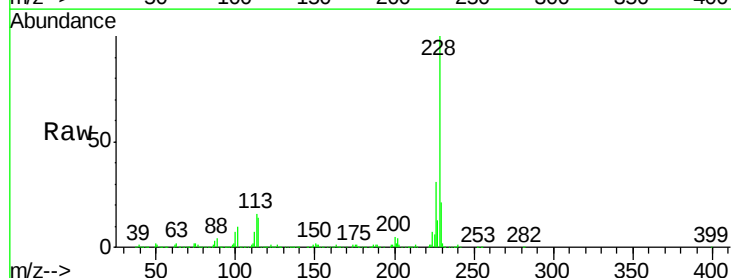
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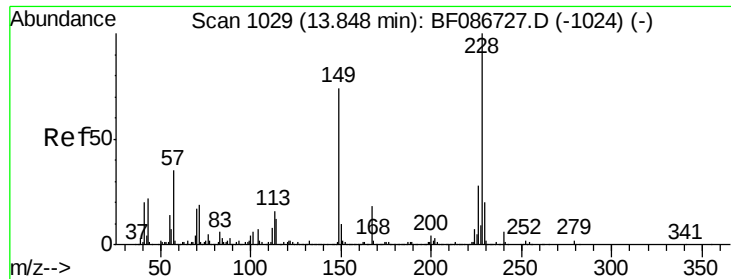
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#82
 Chrysene
 Concen: 44.46 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.4	36.6
229	20.6	15.8	23.8





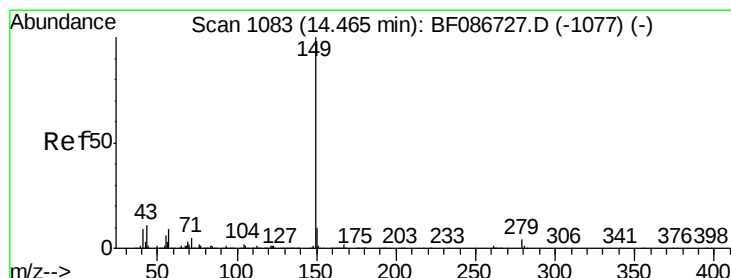
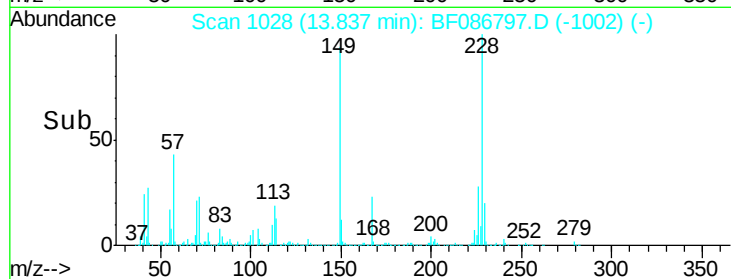
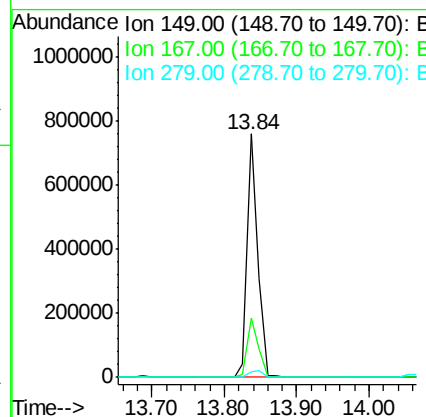
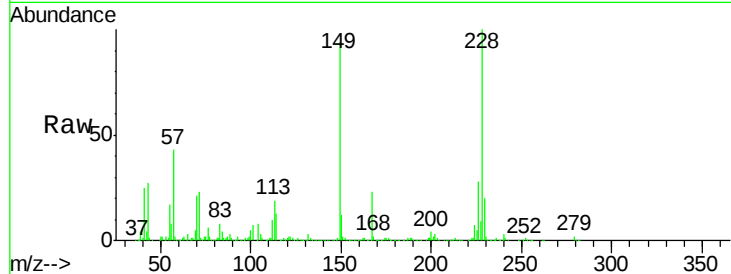
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.19 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	771155		
167	24.2	21.8	32.6	
279	2.2	2.6	4.0#	

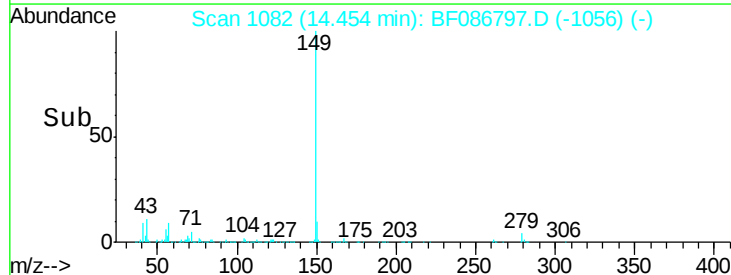
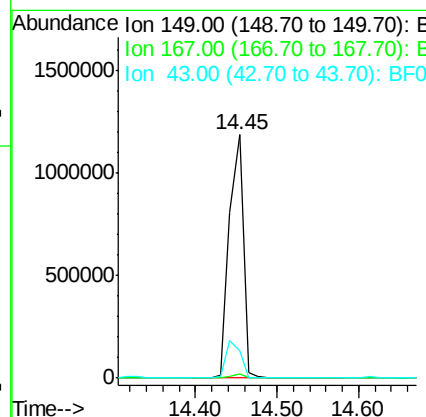
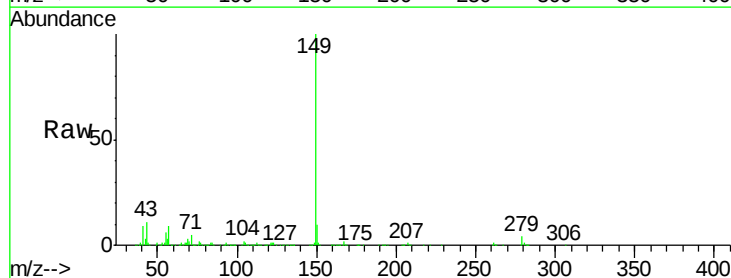
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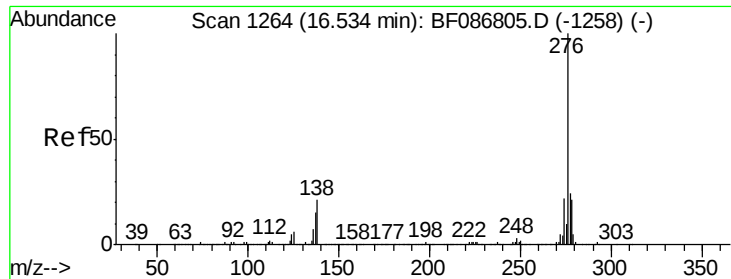
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#84
 Di-n-octyl phthalate
 Concen: 70.98 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1408414		
167	1.7	1.2	1.8	
43	16.2	8.2	12.4#	





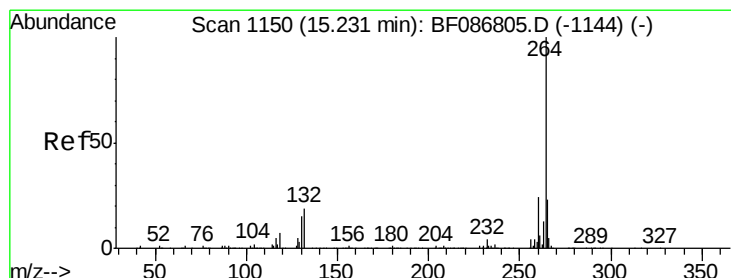
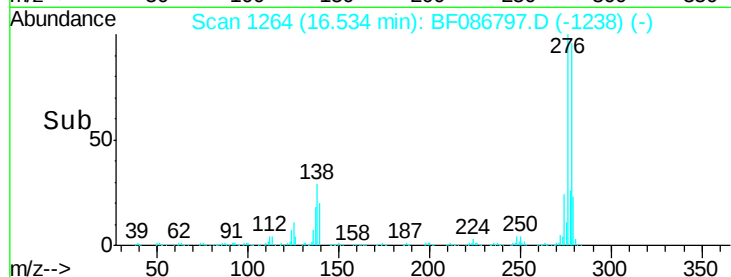
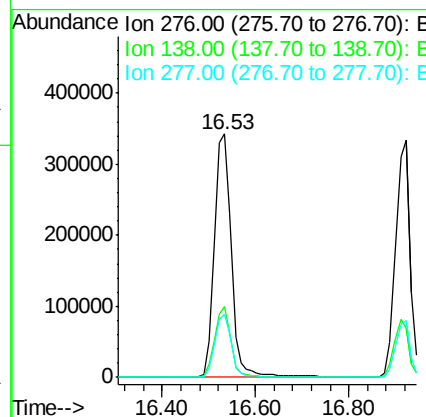
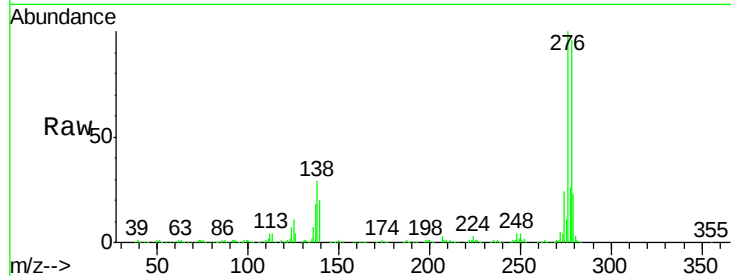
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.89 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	883151		
138	28.0		25.6	38.4
277	25.4		20.5	30.7

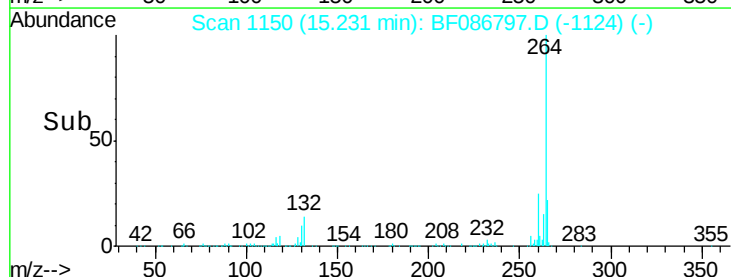
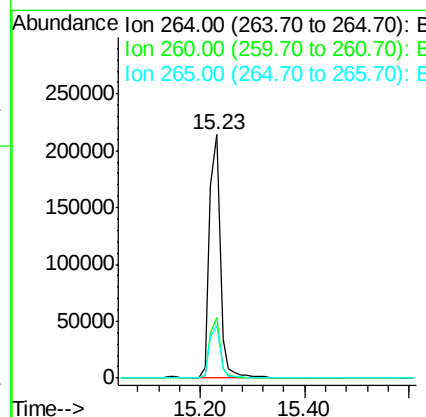
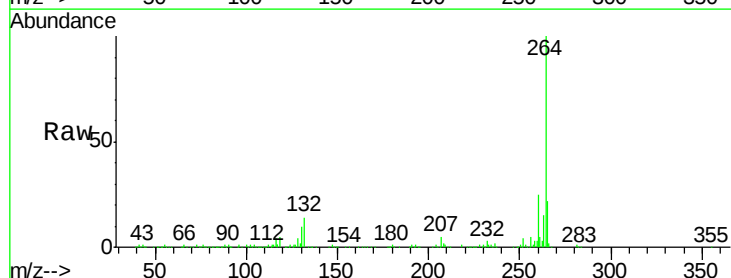
Manual Integrations
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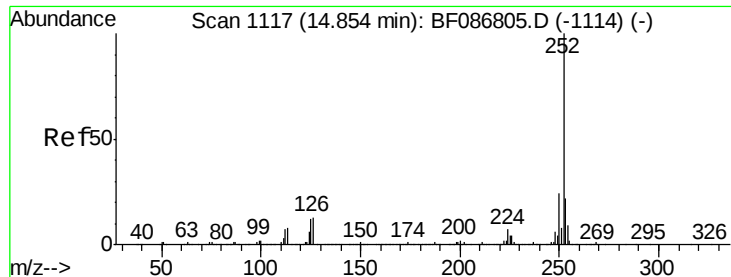
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF086797.D
 Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	313044		
260	24.7		19.5	29.3
265	21.9		17.3	25.9





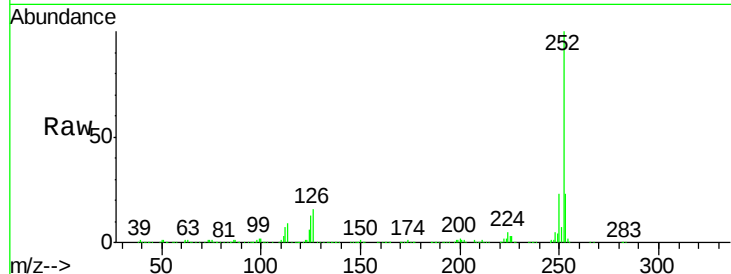
#87
Benzo(b)fluoranthene
Concen: 45.43 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

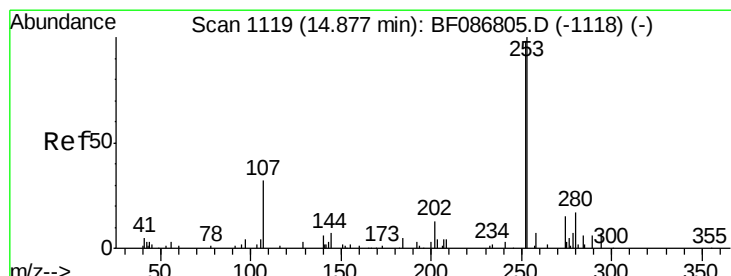
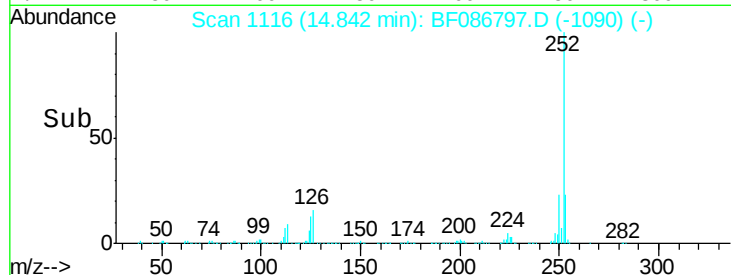
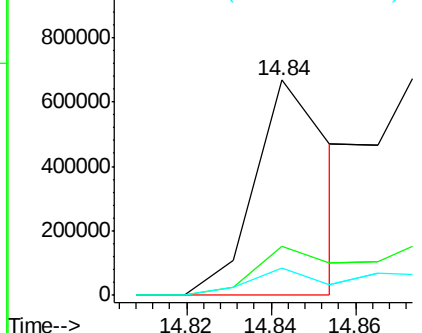
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.7	11.4	17.0

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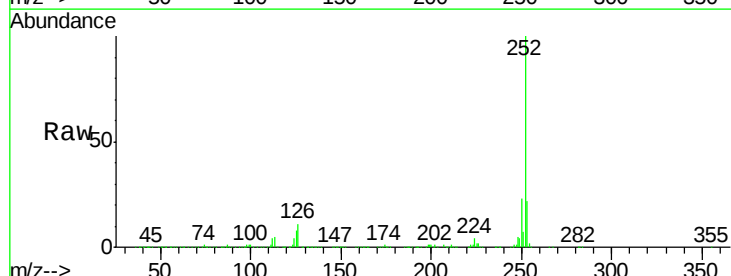


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

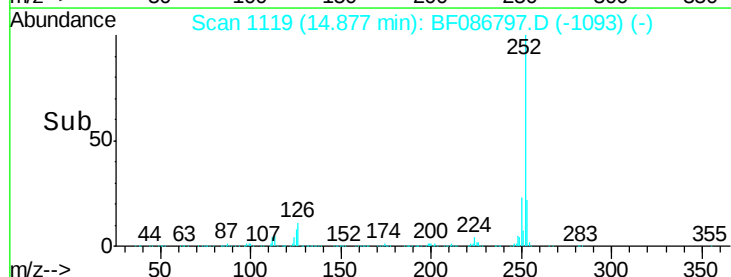
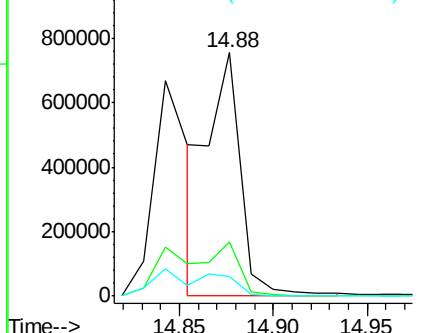


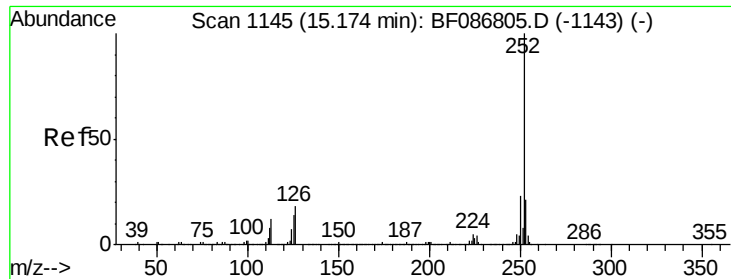
#88
Benzo(k)fluoranthene
Concen: 51.99 ng m
RT: 14.88 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.1	9.1	13.7#



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





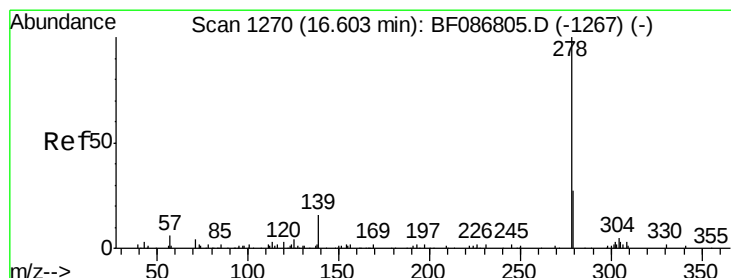
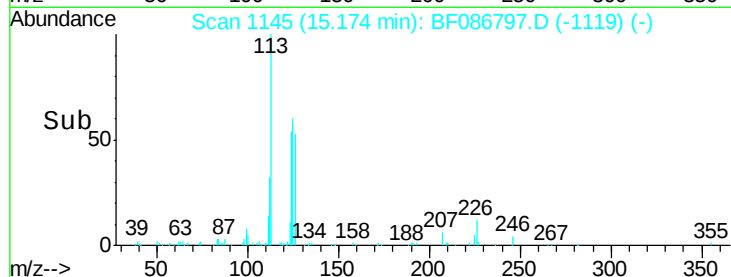
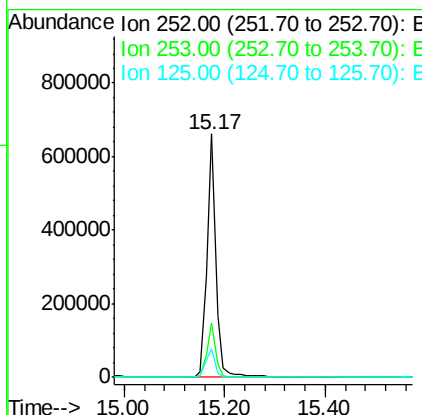
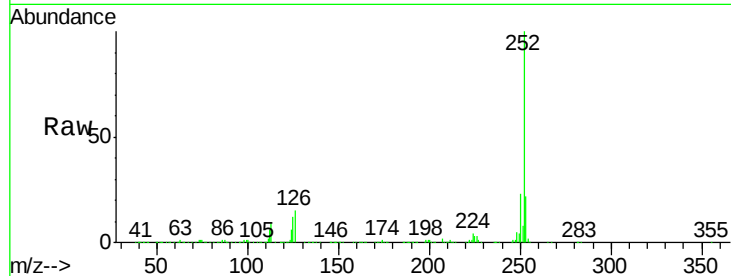
#89
Benzo(a)pyrene
Concen: 47.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.6	9.0	13.6

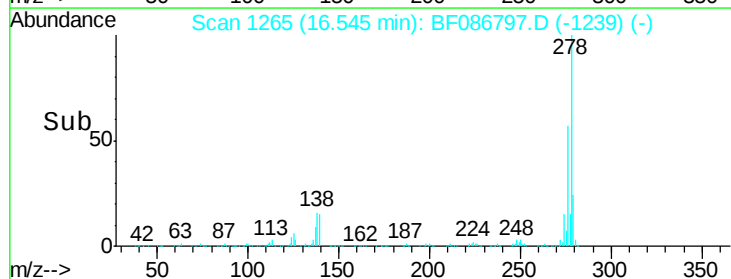
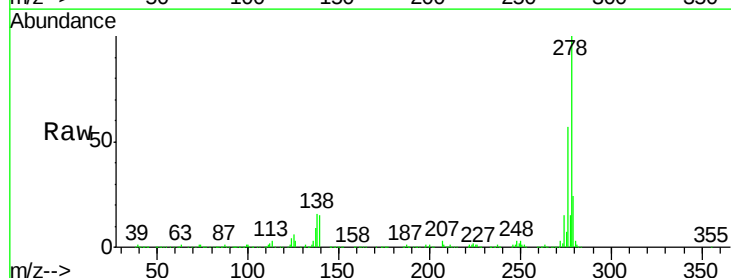
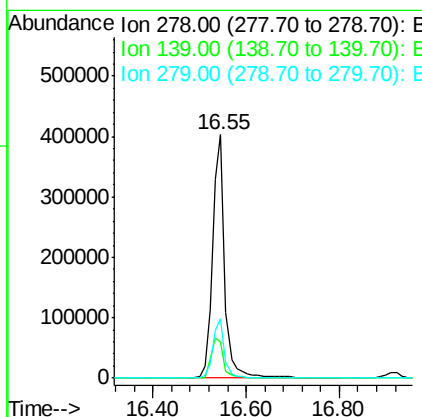
Manual Integrations
APPROVED

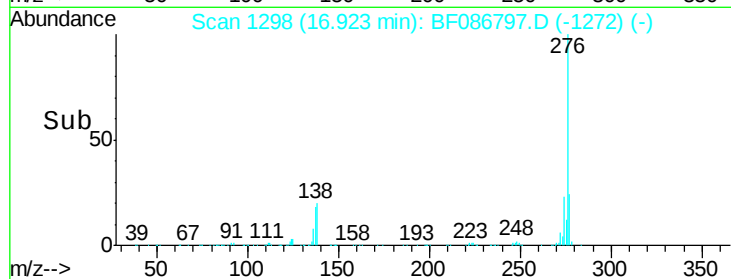
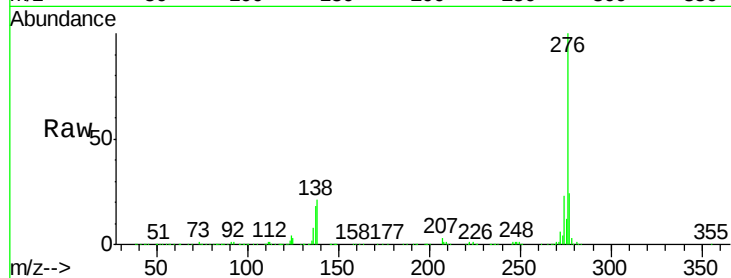
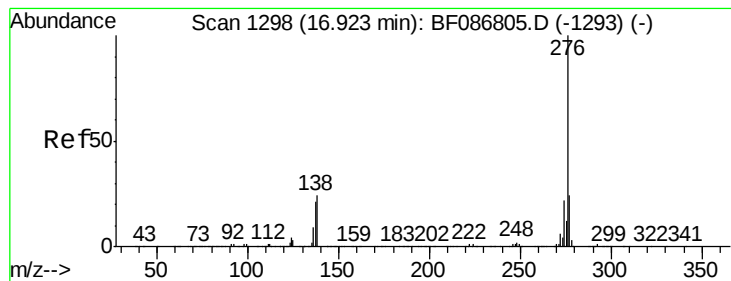
Sohil
5/9/2016 7:20:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.39 ng
RT: 16.55 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF086797.D
Acq: 8 May 2016 2:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	16.6	24.8#
279	24.2	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 42.05 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF086797.D

Acq: 8 May 2016 2:22

Instrument :

BNA_F

ClientSampleId :

MWHR3-14MSD

Tgt Ion:	276	Resp:	734743
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	20.6	23.6	35.4#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:11 PM

