

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082899.D
 Acq On : 13 Nov 2015 16:04
 Operator : UM/IZ
 Sample : G4376-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:43:59 PM

Quant Time: Nov 13 22:43:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	241691	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	980747	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	517509	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	930791	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	795137	20.00	ng	-0.06
86) Perylene-d12	15.40	264	839632	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1075632	69.25	ng	-0.05
7) Phenol-d6	6.44	99	1603486	77.65	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1072011	47.56	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	398825	67.21	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1620128	44.87	ng	-0.05
78) Terphenyl-d14	12.91	244	1537432	45.86	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	163222	24.35	ng	97
3) Pyridine	3.10	79	417397	21.46	ng	90
4) n-Nitrosodimethylamine	3.04	42	204455	21.20	ng	# 70
6) Aniline	6.45	93	425869	14.69	ng	# 1
8) 2-Chlorophenol	6.58	128	405331	23.54	ng	# 75
9) Benzaldehyde	6.34	77	32794	2.87	ng	83
10) Phenol	6.45	94	675131	28.81	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	418422	23.88	ng	92
12) 1,3-Dichlorobenzene	6.74	146	460957	23.73	ng	# 88
13) 1,4-Dichlorobenzene	6.82	146	465365m	23.03	ng	
14) 1,2-Dichlorobenzene	6.97	146	420112	22.86	ng	96
15) Benzyl Alcohol	6.94	79	443113	24.43	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	682971	26.57	ng	99
17) 2-Methylphenol	7.06	107	349796	23.98	ng	96
18) Hexachloroethane	7.31	117	161488	22.35	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	345411	22.75	ng	87
20) 3+4-Methylphenols	7.22	107	456016	24.05	ng	# 72
22) Acetophenone	7.21	105	599224	21.32	ng	# 95
24) Nitrobenzene	7.38	77	465078	20.18	ng	91
25) Isophorone	7.63	82	912833	21.89	ng	# 92
26) 2-Nitrophenol	7.70	139	207281	21.54	ng	# 77
27) 2,4-Dimethylphenol	7.74	122	377871	21.86	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	538470	22.89	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	389158	24.91	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	391086	22.26	ng	97
31) Naphthalene	8.11	128	1248861	23.08	ng	99
32) Benzoic acid	7.82	122	75143	6.35	ng	# 81
33) 4-Chloroaniline	8.16	127	240517	10.31	ng	# 87
34) Hexachlorobutadiene	8.24	225	231699	21.07	ng	98
35) Caprolactam	8.51	113	117395	23.83	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	408456	22.23	ng	91
37) 2-Methylnaphthalene	8.80	142	778736	22.25	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	334066	19.64	ng	98
40) Hexachlorocyclopentadiene	8.97	237	413091	45.21	ng	99

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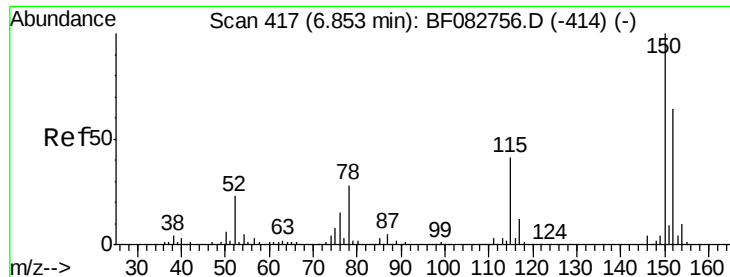
Manual Integrations
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Quant Time: Nov 13 22:43:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	274491	21.62	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	292756	23.32	ng #	84
45) 1,1'-Biphenyl	9.26	154	926999	20.88	ng	95
46) 2-Chloronaphthalene	9.29	162	739321	21.34	ng	97
47) 2-Nitroaniline	9.38	65	258117	20.09	ng	89
48) Acenaphthylene	9.70	152	1185443	21.84	ng	98
49) Dimethylphthalate	9.57	163	1332202	31.42	ng	99
50) 2,6-Dinitrotoluene	9.63	165	224412	24.81	ng #	73
51) Acenaphthene	9.88	154	793877	23.07	ng	98
52) 3-Nitroaniline	9.79	138	150647	15.14	ng #	82
53) 2,4-Dinitrophenol	9.89	184	151777	30.56	ng #	31
54) Dibenzofuran	10.05	168	1089677	23.49	ng #	84
55) 4-Nitrophenol	9.96	139	302711	39.66	ng	81
56) 2,4-Dinitrotoluene	10.03	165	294668	24.01	ng	85
57) Fluorene	10.38	166	835701	22.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	230983	22.54	ng #	92
59) Diethylphthalate	10.27	149	901989	21.79	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	406426	21.62	ng	92
61) 4-Nitroaniline	10.41	138	234747	23.46	ng #	72
62) Azobenzene	10.54	77	1108204	24.92	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	151374	22.83	ng	79
65) n-Nitrosodiphenylamine	10.50	169	710686	21.13	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	261119	23.30	ng #	92
67) Hexachlorobenzene	10.94	284	283834	22.68	ng #	62
68) Atrazine	11.04	200	286606	27.56	ng	96
69) Pentachlorophenol	11.14	266	321771	42.34	ng	98
70) Phenanthrene	11.35	178	1193685	22.08	ng	98
71) Anthracene	11.40	178	1362749	23.93	ng	98
72) Carbazole	11.55	167	1100009	22.07	ng	97
73) Di-n-butylphthalate	11.89	149	1374828	22.14	ng	98
74) Fluoranthene	12.53	202	1334547	23.01	ng	99
76) Benzidine	12.66	184	611066	22.93	ng	98
77) Pyrene	12.76	202	1395764	25.56	ng	98
79) Butylbenzylphthalate	13.39	149	650773	26.98	ng	97
80) Benzo(a)anthracene	13.95	228	1250918	25.16	ng	98
81) 3,3'-Dichlorobenzidine	13.92	252	269102	15.22	ng	99
82) Chrysene	14.00	228	1208657	26.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	916466	27.76	ng	100
84) Di-n-octyl phthalate	14.59	149	1642274	29.82	ng	97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1077400	27.47	ng #	95
87) Benzo(h)fluoranthene	15.00	252	1312355m	24.35	ng	
88) Benzo(k)fluoranthene	15.03	252	909045m	19.01	ng	
89) Benzo(a)pyrene	15.35	252	1091361	23.37	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	904540	22.88	ng	98
91) Benzo(g,h,i)perylene	17.17	276	876181	23.14	ng #	94

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



#1

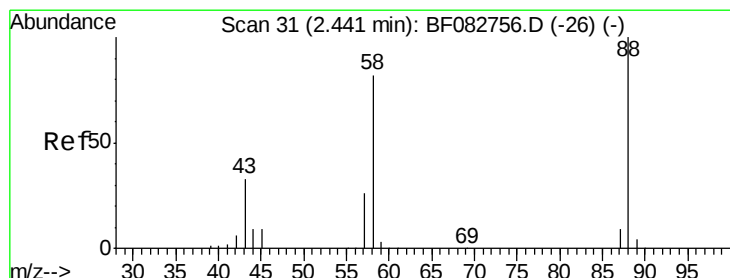
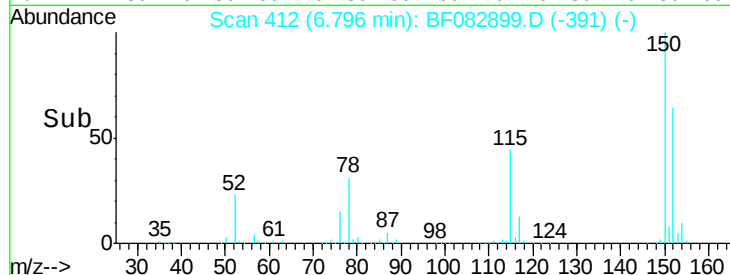
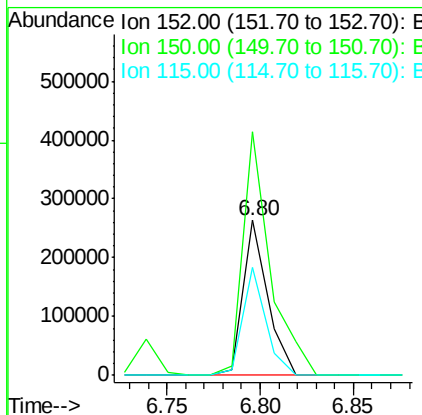
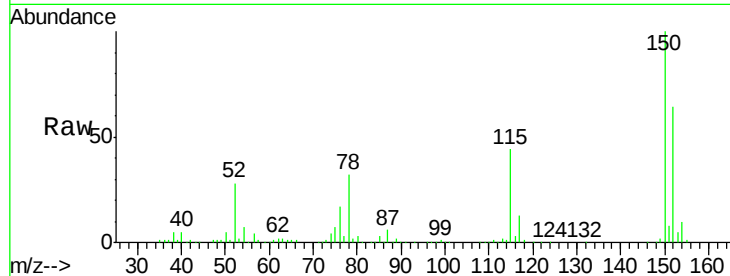
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		241691		
150	157.3	127.0	190.4		
115	69.5	47.0	70.6		

Manual Integrations
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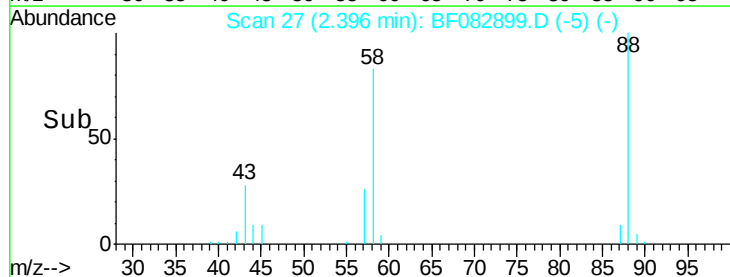
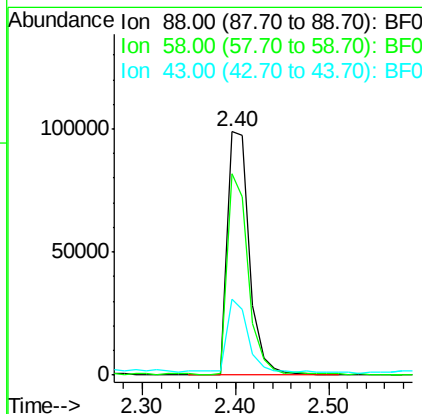
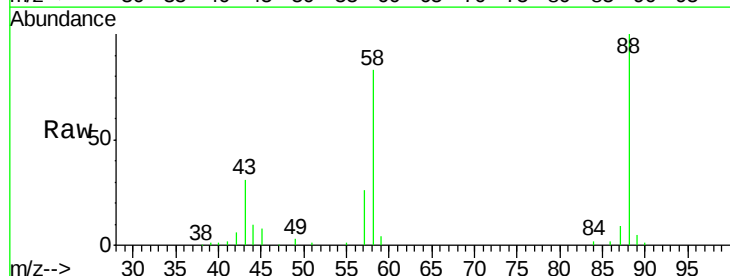
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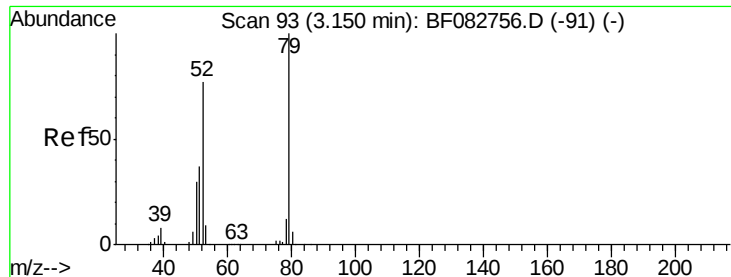


#2

1,4-Dioxane
Concen: 24.35 ng
RT: 2.40 min Scan# 27
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt	Ion	Ratio	Resp	Lower	Upper
88	100		163222		
58	77.8	62.0	93.0		
43	28.1	26.6	40.0		





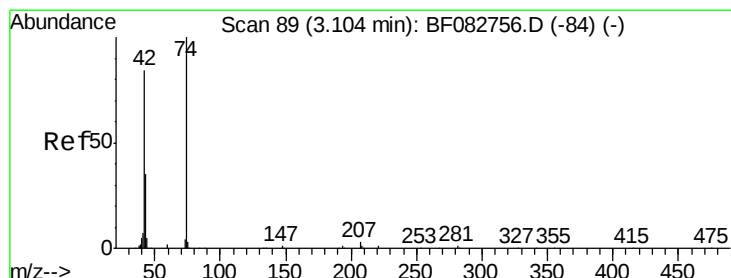
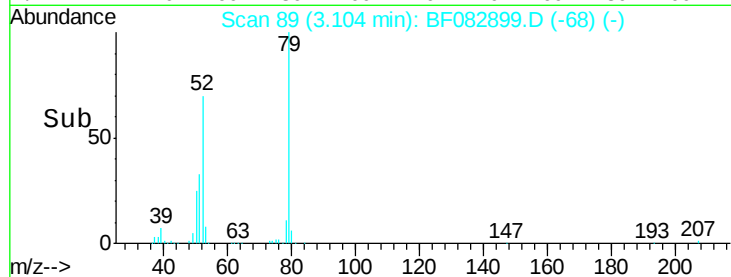
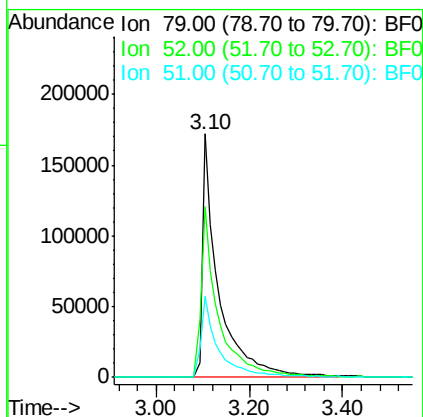
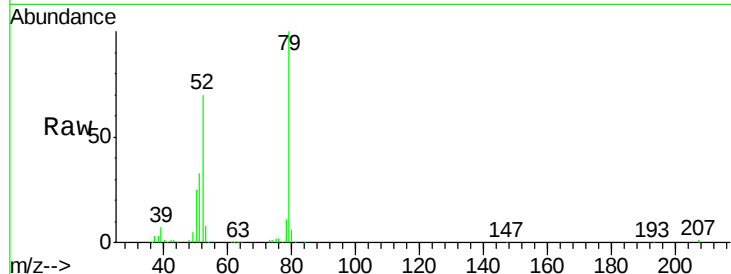
#3
 Pyridine
 Concen: 21.46 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion:	79	Resp:	417397
Ion Ratio	Lower	Upper	
79	100		
52	70.2	62.8	94.2
51	33.4	32.0	48.0

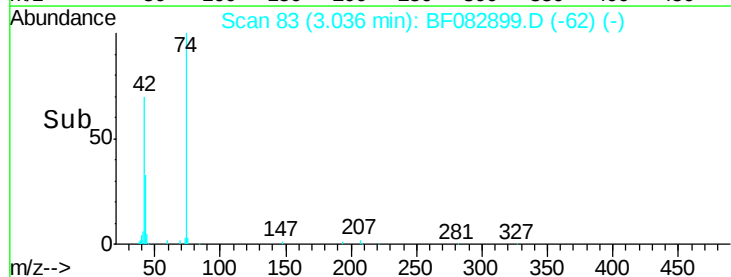
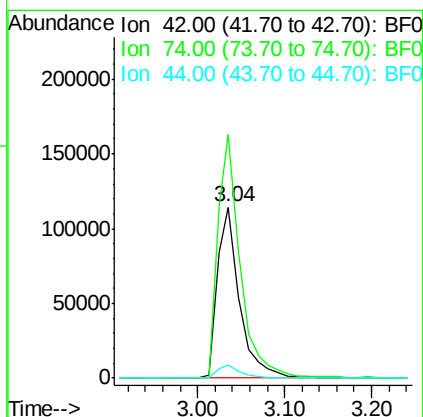
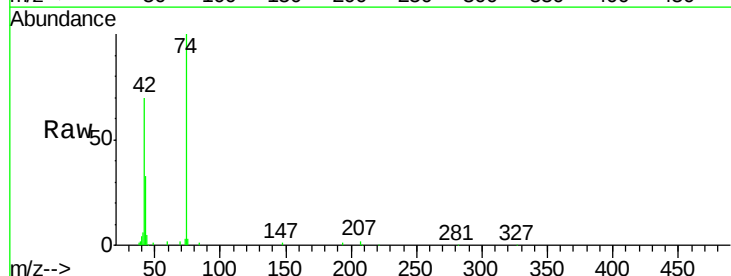
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 21.20 ng
 RT: 3.04 min Scan# 83
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:	42	Resp:	204455
Ion Ratio	Lower	Upper	
42	100		
74	142.3	87.0	130.4#
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 69.25 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082899.D

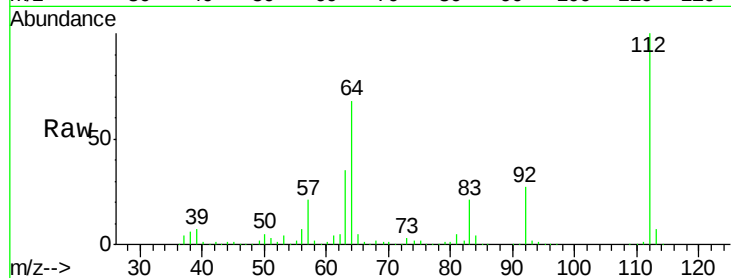
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS



Tgt Ion: 112 Resp: 1075632

Ion Ratio Lower Upper

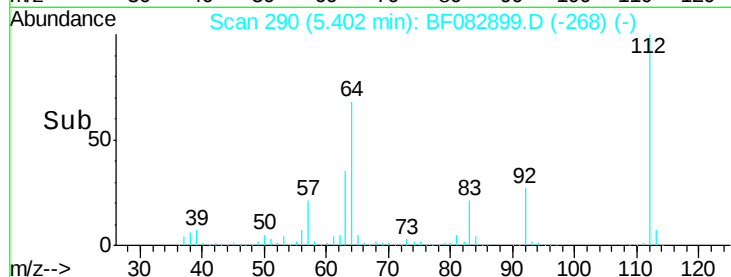
112 100

64 67.6 48.9 73.3

63 34.8 28.1 42.1

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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

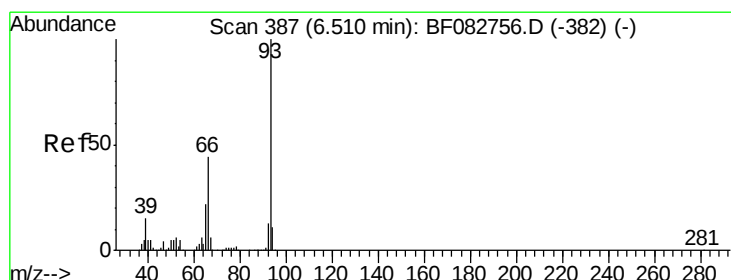
5.40

1000000

500000

0

Time-->



#6

Aniline

Concen: 14.69 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

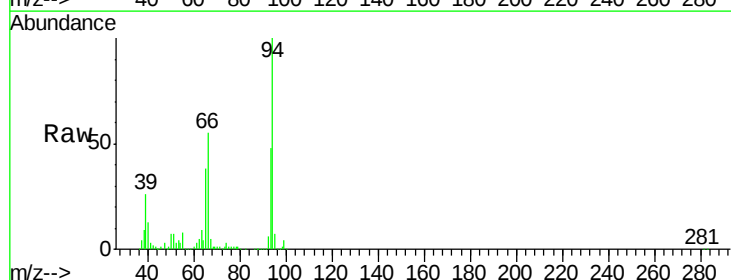
Tgt Ion: 93 Resp: 425869

Ion Ratio Lower Upper

93 100

66 113.6 33.6 50.4#

65 79.0 18.1 27.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.45

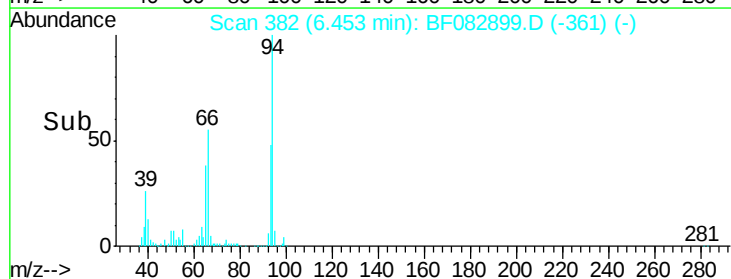
600000

400000

200000

0

Time-->





#7

Phenol-d6

Concen: 77.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion: 99 Resp: 1603486

Ion Ratio Lower Upper

99 100

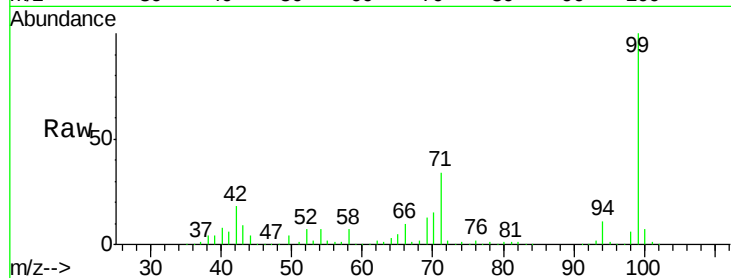
42 17.6 19.2 28.8#

71 34.4 35.0 52.4#

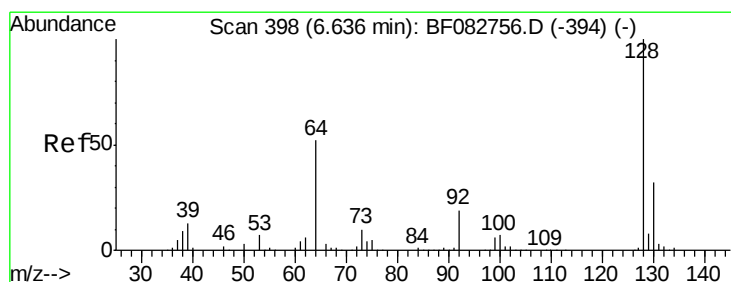
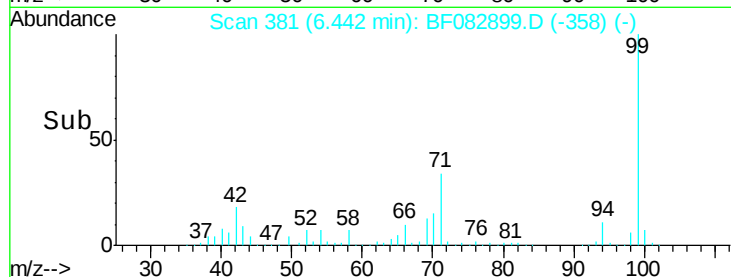
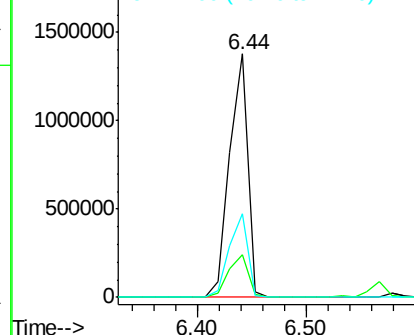
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 23.54 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

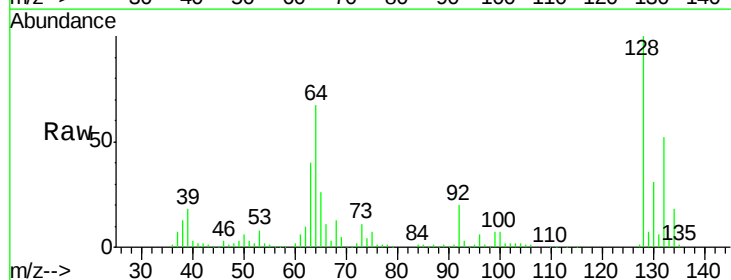
Tgt Ion: 128 Resp: 405331

Ion Ratio Lower Upper

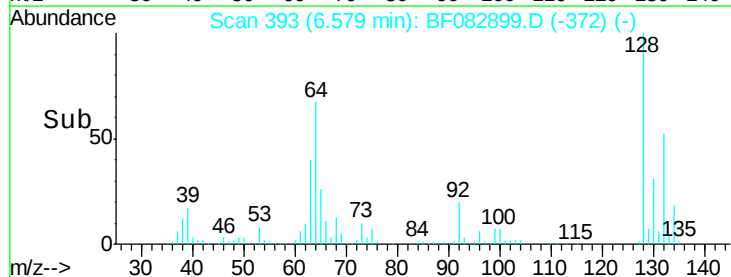
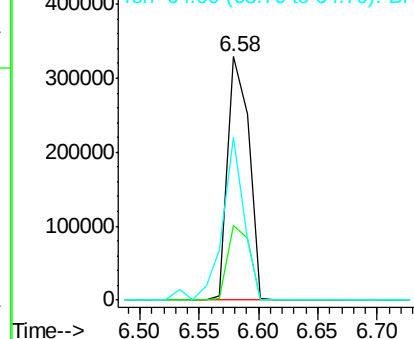
128 100

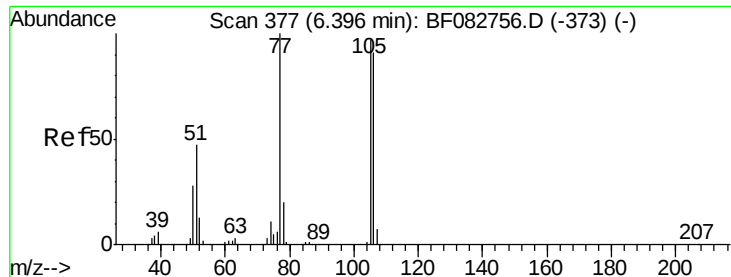
130 30.6 13.5 53.5

64 66.9 21.1 61.1#



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: 2.87 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082899.D

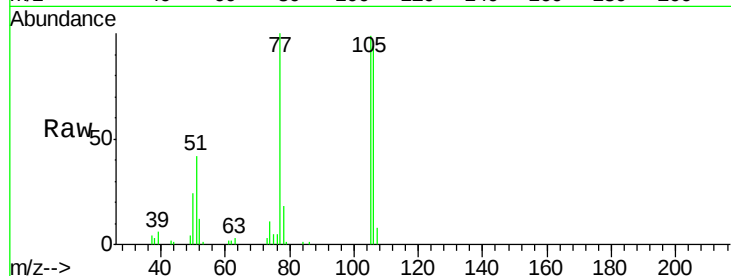
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

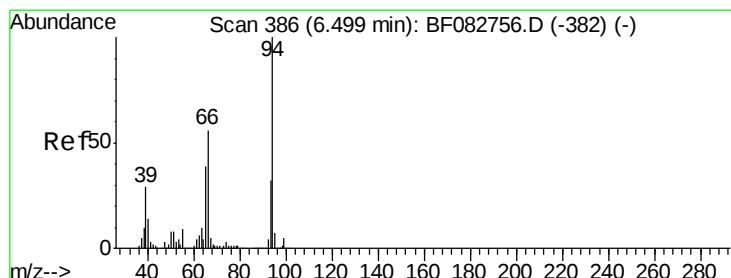
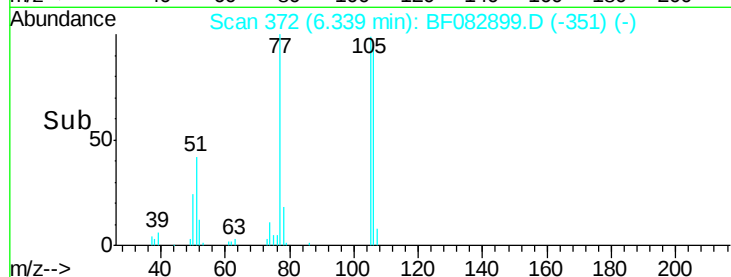
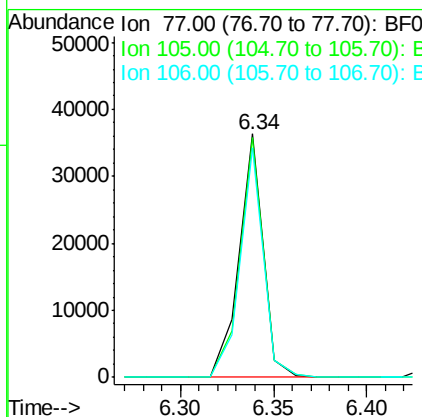
SB-3-4-6FTMS



Tgt Ion:	77	Resp:	32794
Ion Ratio	Lower	Upper	
77	100		
105	98.7	63.5	103.5
106	94.4	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 28.81 ng

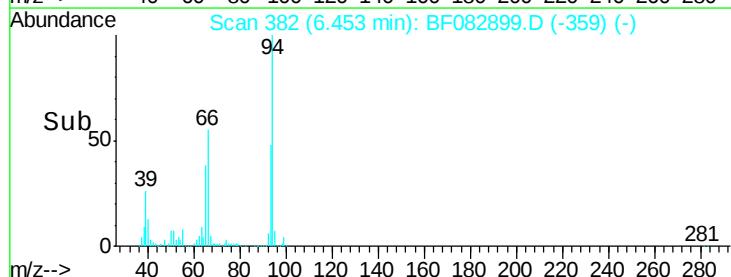
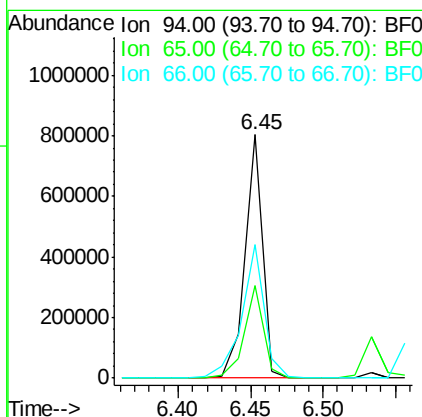
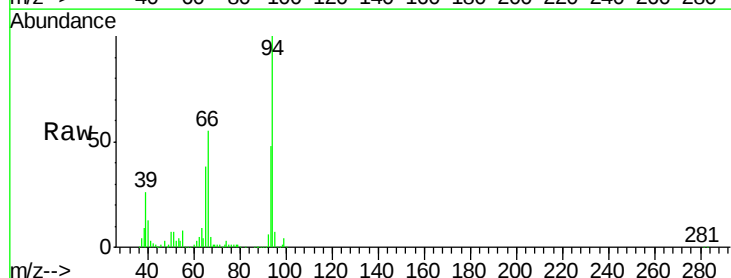
RT: 6.45 min Scan# 382

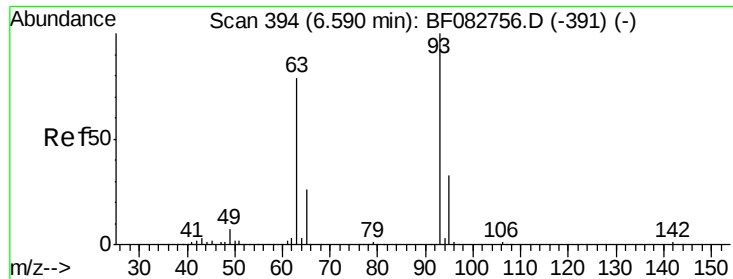
Delta R.T. -0.03 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:	94	Resp:	675131
Ion Ratio	Lower	Upper	
94	100		
65	38.2	18.9	58.9
66	54.9	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 23.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion: 93 Resp: 418422
Ion Ratio Lower Upper

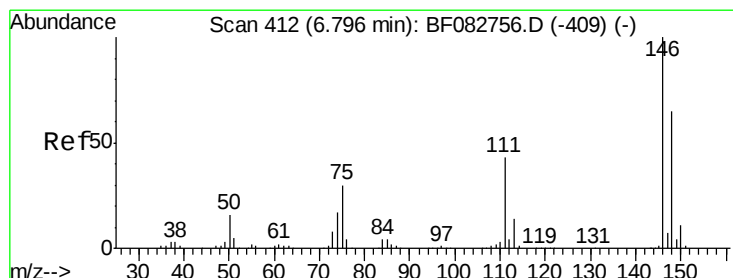
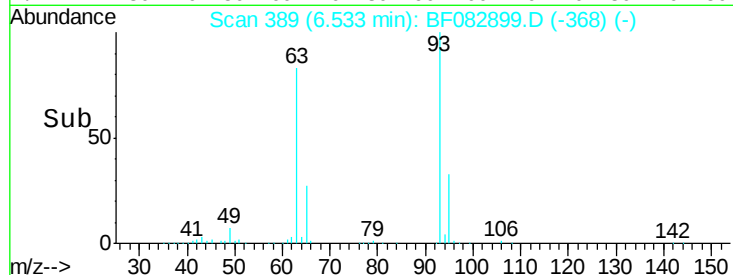
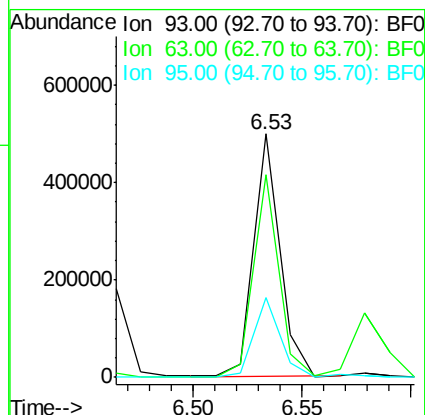
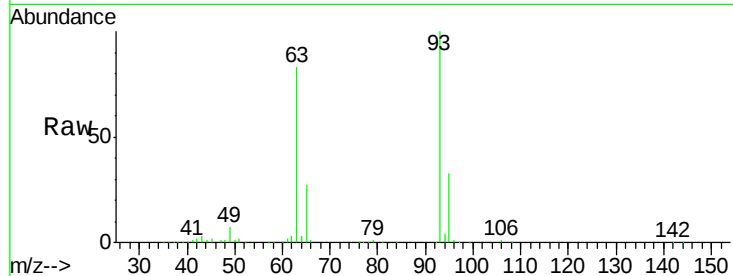
93 100

63 83.4 72.7 112.7

95 32.7 12.0 52.0

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#12

1,3-Dichlorobenzene

Concen: 23.73 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF082899.D

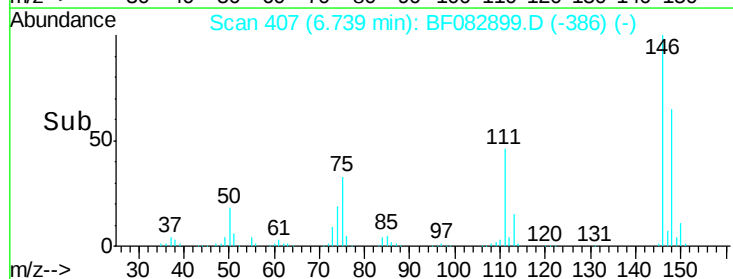
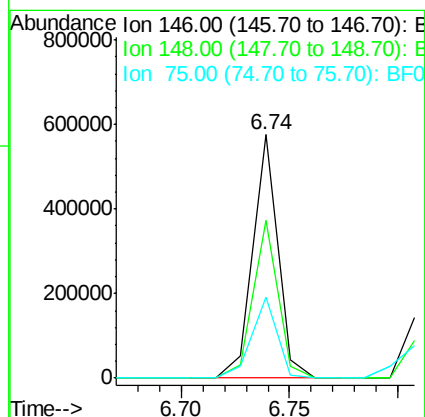
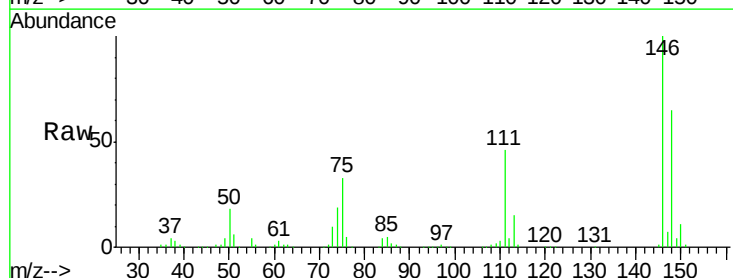
Acq: 13 Nov 2015 16:04

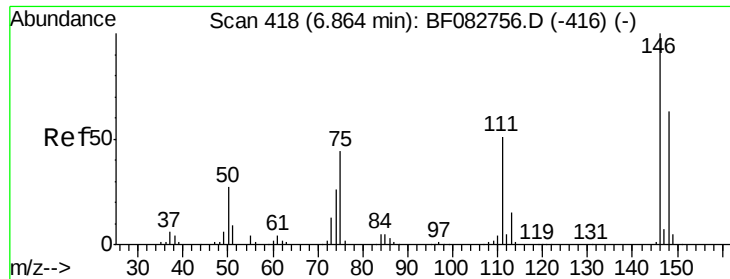
Tgt Ion: 146 Resp: 460957
Ion Ratio Lower Upper

146 100

148 65.0 50.5 75.7

75 33.4 39.5 59.3#





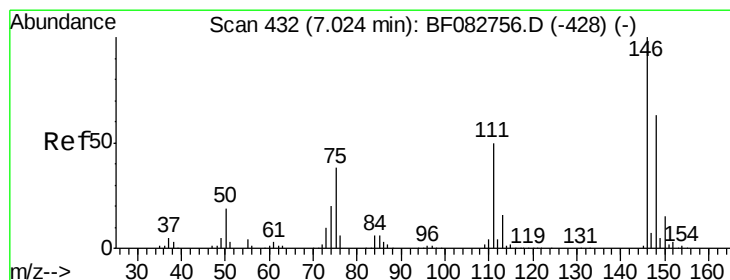
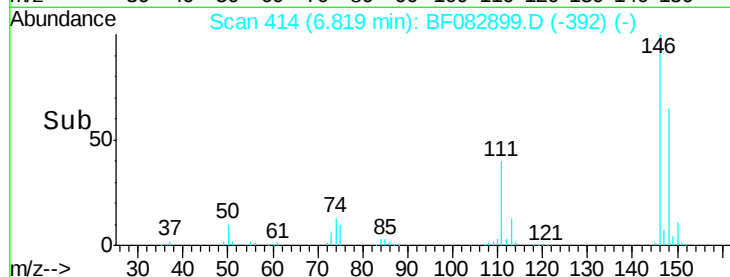
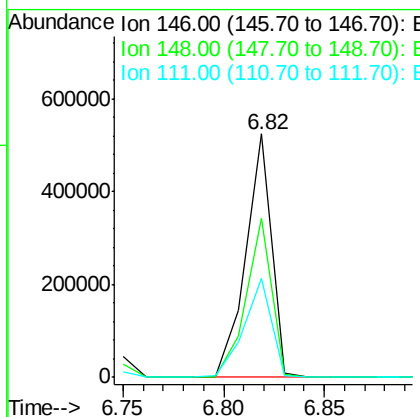
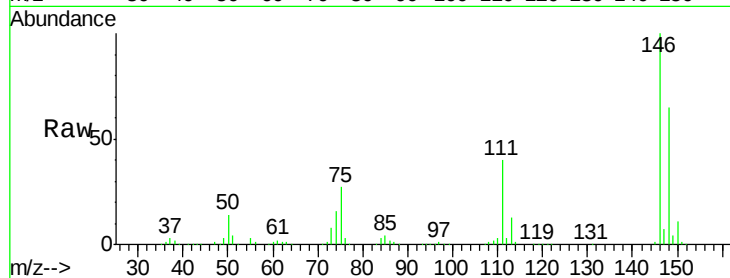
#13
 1,4-Dichlorobenzene
 Concen: 23.03 ng m
 RT: 6.82 min Scan# 414
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	465365		
148	65.4	50.8	76.2	
111	40.5	40.6	60.8#	

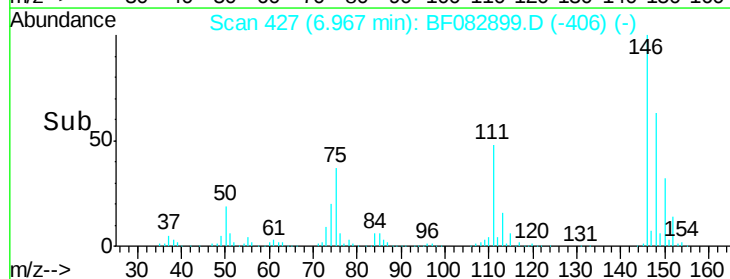
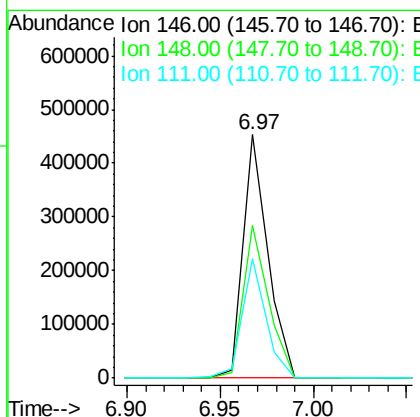
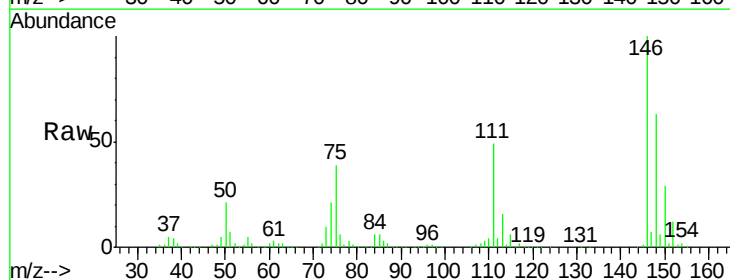
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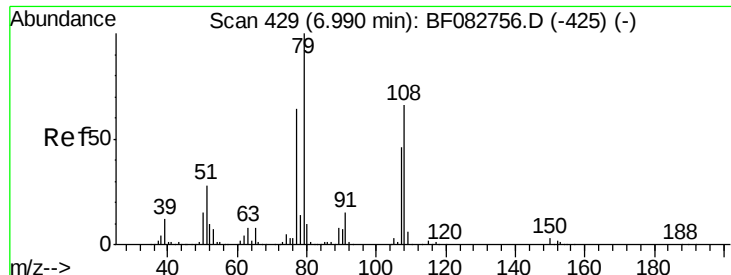
Mmdadoda
 11/16/2015 12:43:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 22.86 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420112		
148	62.6	52.2	78.4	
111	48.9	36.6	55.0	





#15

Benzyl Alcohol

Concen: 24.43 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082899.D

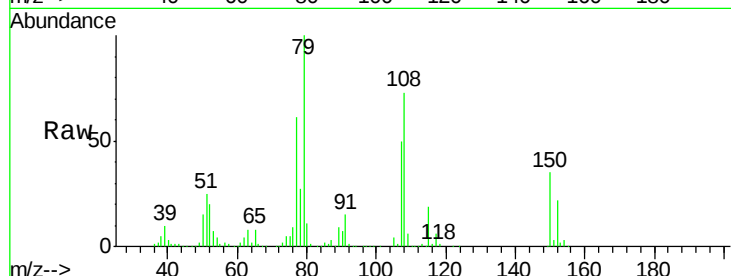
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

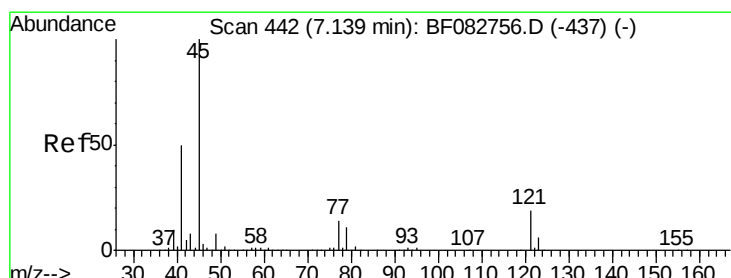
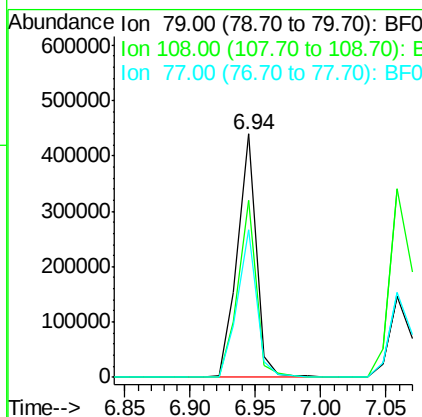
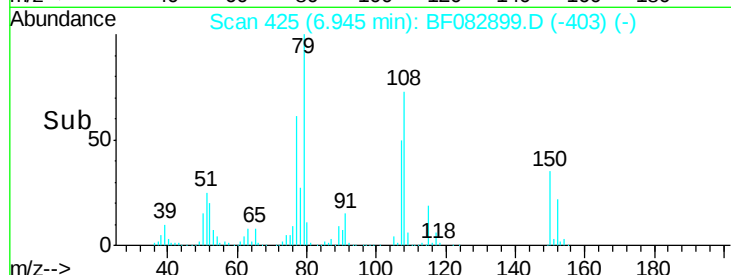
SB-3-4-6FTMS



Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.8	52.2	78.4
77	60.8	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.57 ng

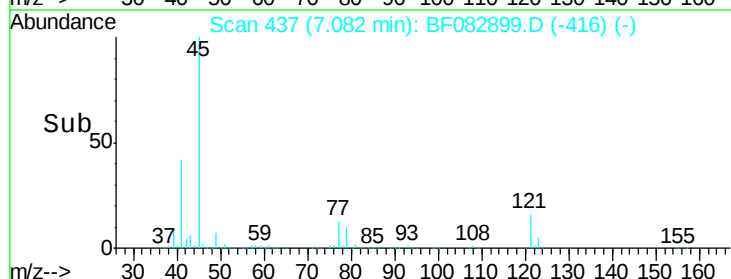
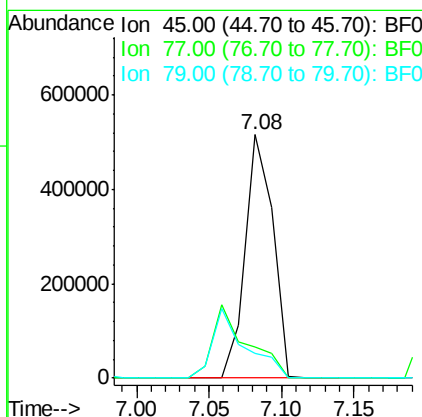
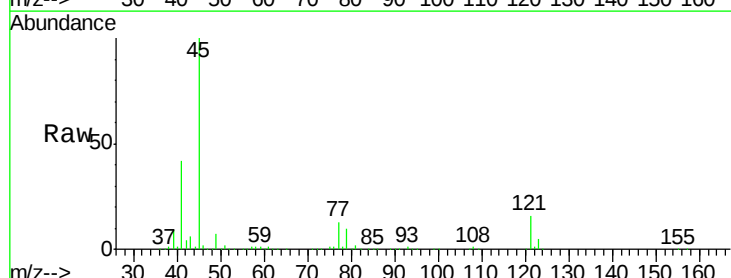
RT: 7.08 min Scan# 437

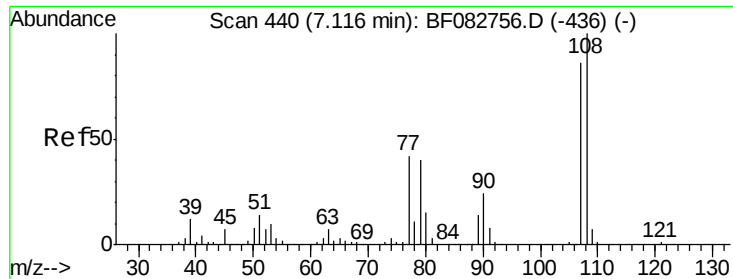
Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	32.6
79	9.9	0.0	29.2





#17

2-Methylphenol

Concen: 23.98 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF082899.D

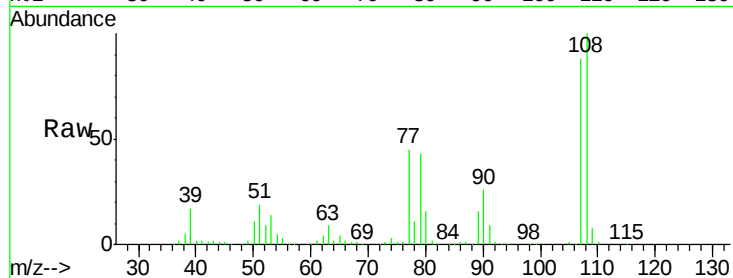
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

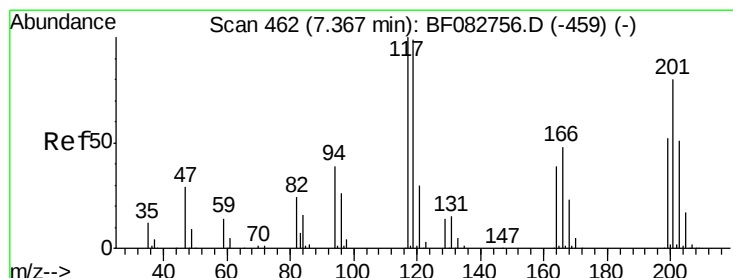
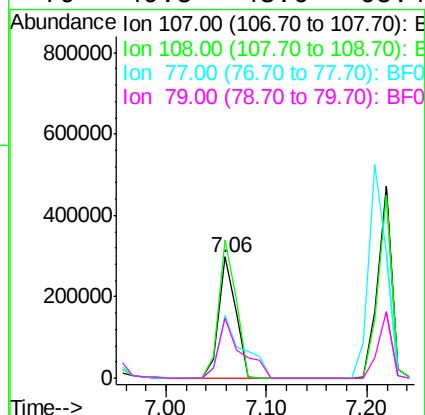
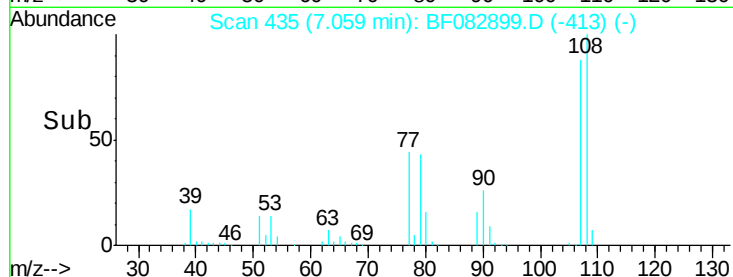
SB-3-4-6FTMS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	349796		
108	114.2	93.0	139.4	
77	51.8	44.1	66.1	
79	49.5	43.6	65.4	

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#18

Hexachloroethane

Concen: 22.35 ng

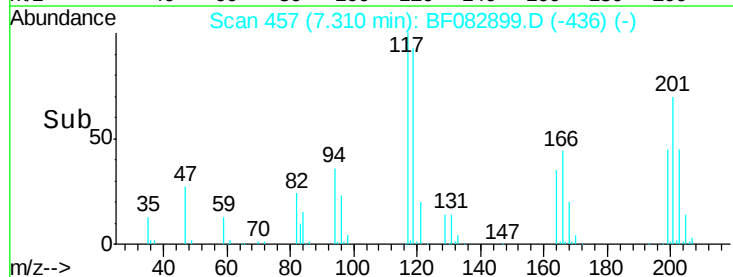
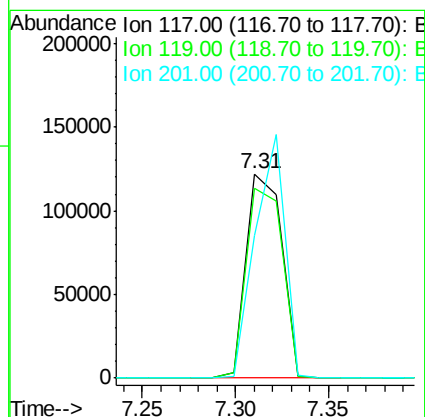
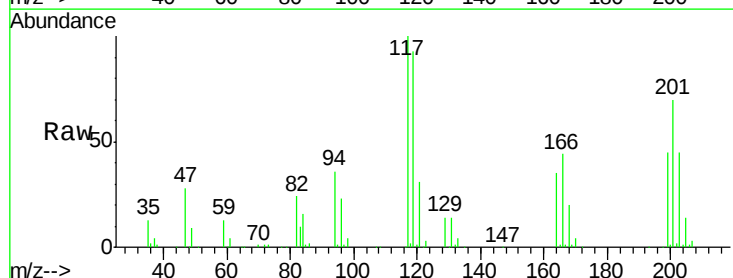
RT: 7.31 min Scan# 457

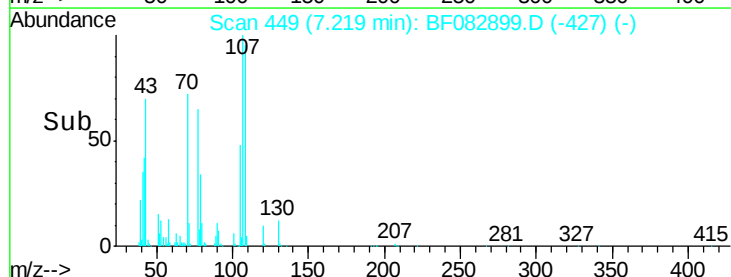
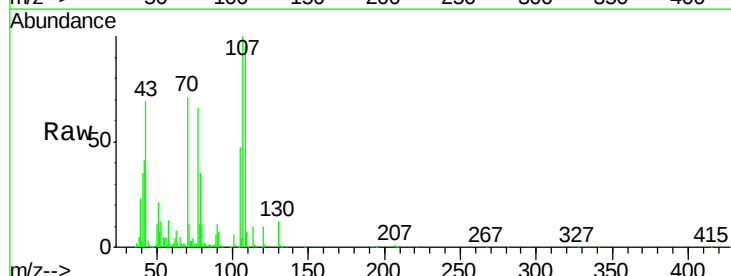
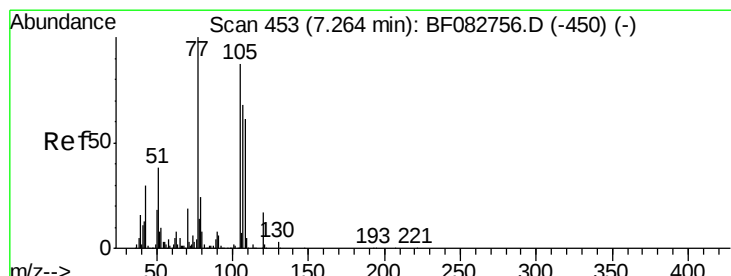
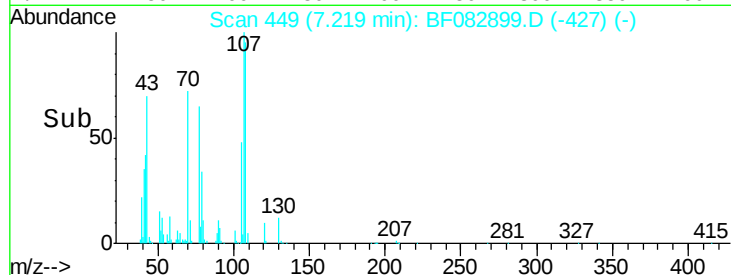
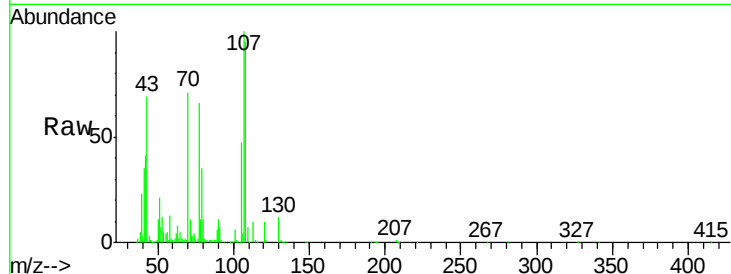
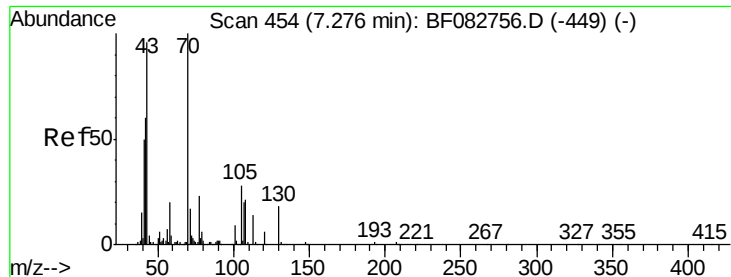
Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	161488		
119	93.3	77.7	116.5	
201	70.1	66.7	100.1	

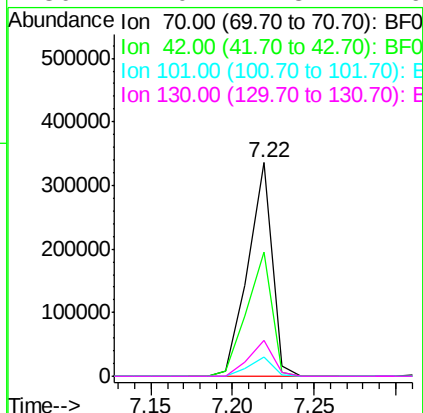




#19
n-Nitroso-di-n-propylamine
Concen: 22.75 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.3	57.7	86.5	
101	8.8	7.0	10.6	
130	17.0	11.8	17.6	

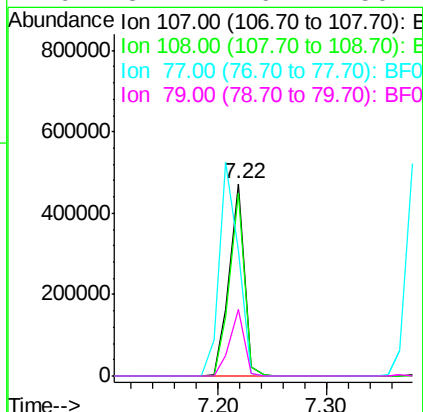


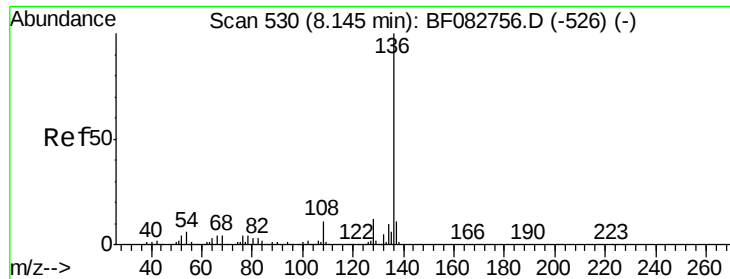
Manual Integrations
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#20
3+4-Methylphenols
Concen: 24.05 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.3	67.3	107.3	
77	65.5	100.3	140.3#	
79	34.7	16.2	56.2	





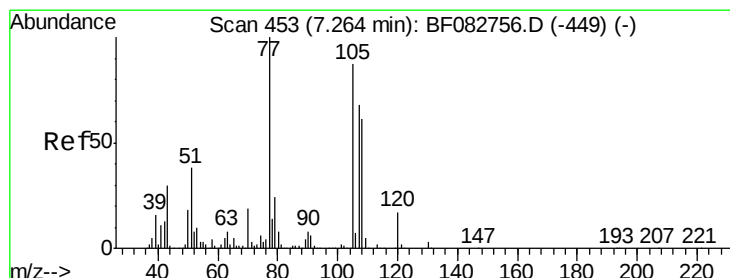
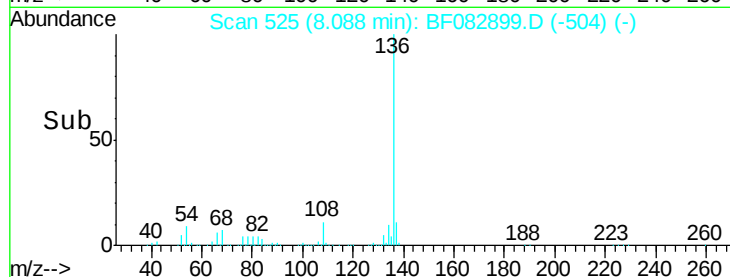
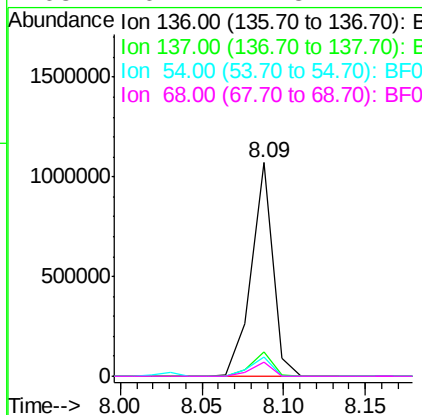
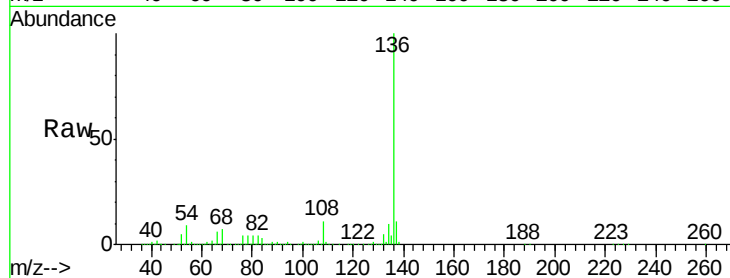
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		980747		
137	11.4		9.1	13.7	
54	9.0		9.1	13.7#	
68	6.7		4.8	7.2	

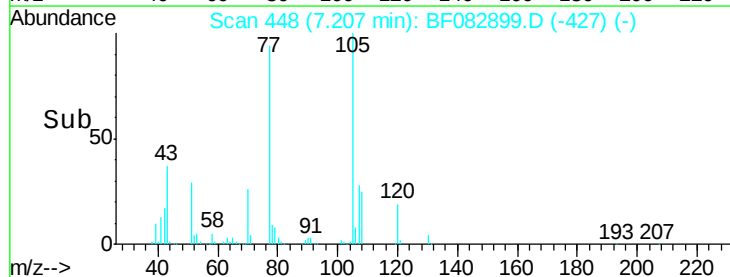
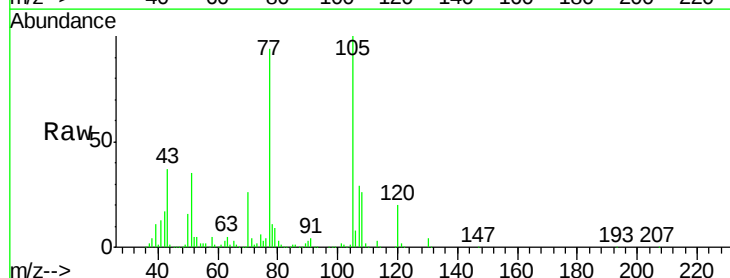
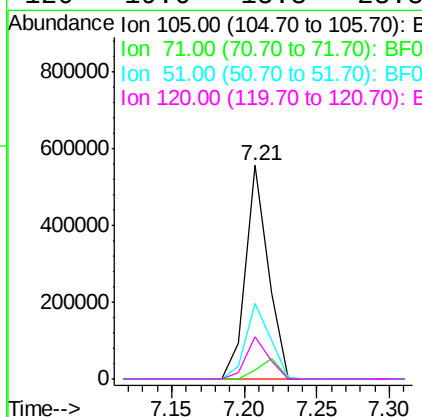
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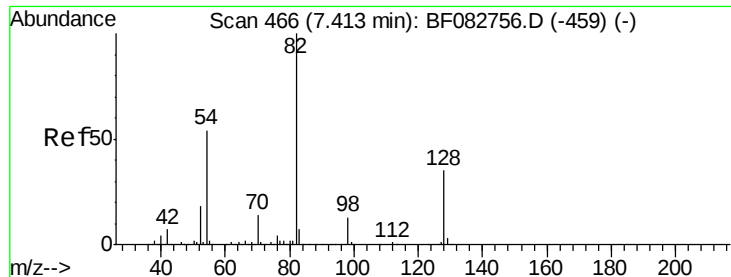
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#22
Acetophenone
Concen: 21.32 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		599224		
71	4.1		5.6	8.4#	
51	35.1		24.9	37.3	
120	19.6		15.8	23.8	





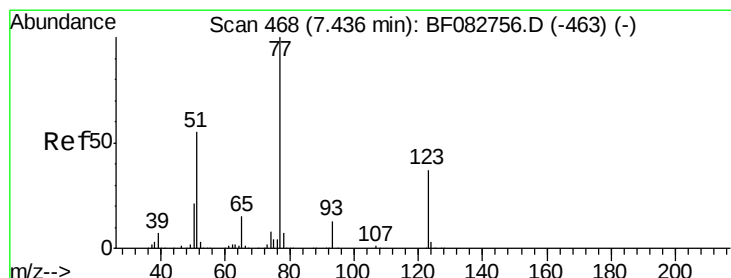
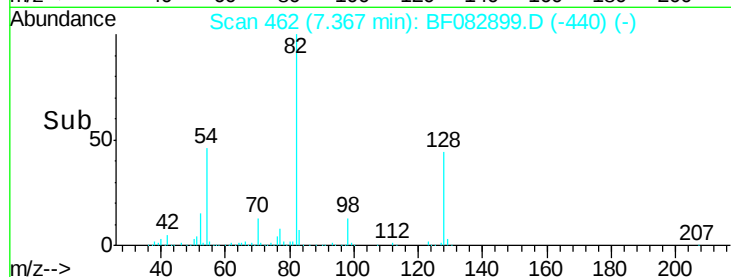
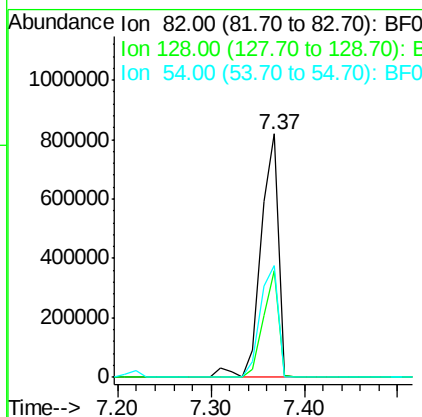
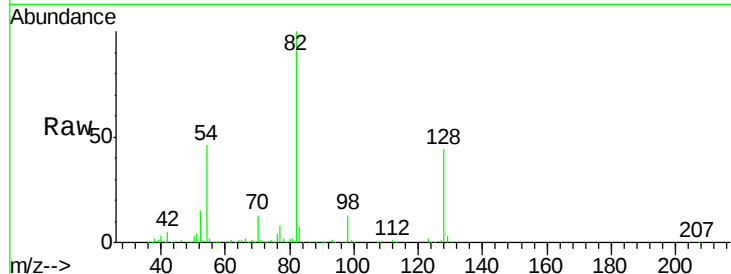
#23
 Nitrobenzene-d5
 Concen: 47.56 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion: 82 Resp: 1072011
 Ion Ratio Lower Upper
 82 100
 128 44.0 26.8 40.2#
 54 46.1 45.7 68.5

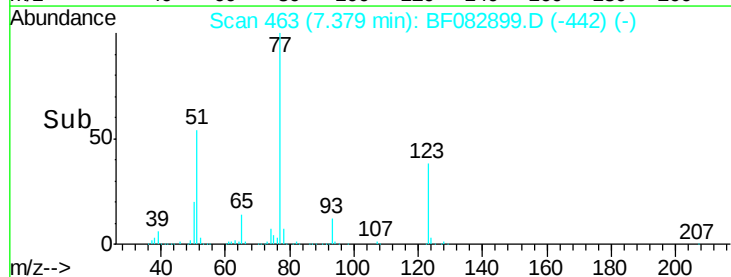
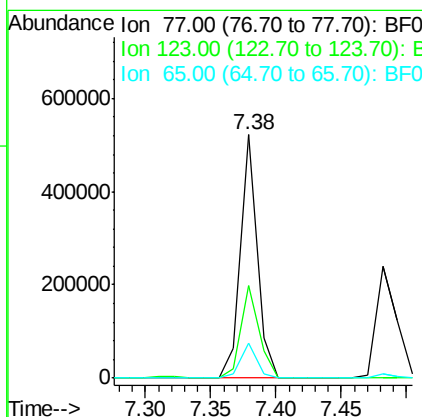
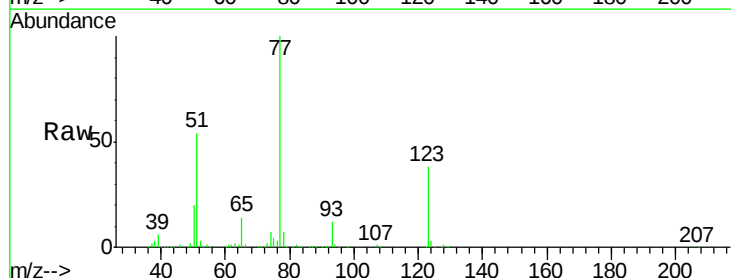
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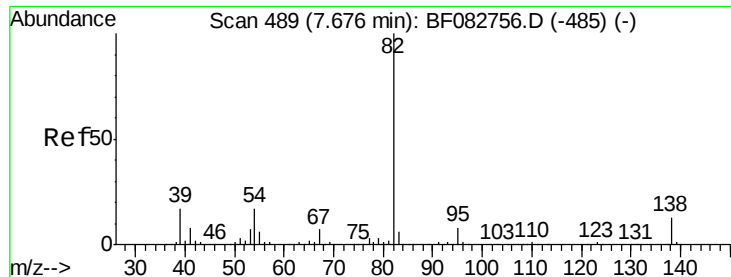
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#24
 Nitrobenzene
 Concen: 20.18 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion: 77 Resp: 465078
 Ion Ratio Lower Upper
 77 100
 123 37.8 36.4 54.6
 65 14.3 11.5 17.3





#25

Isophorone

Concen: 21.89 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

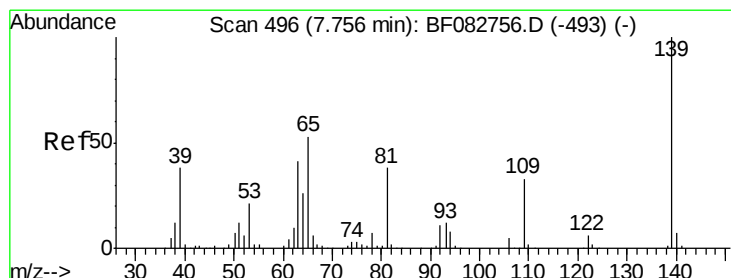
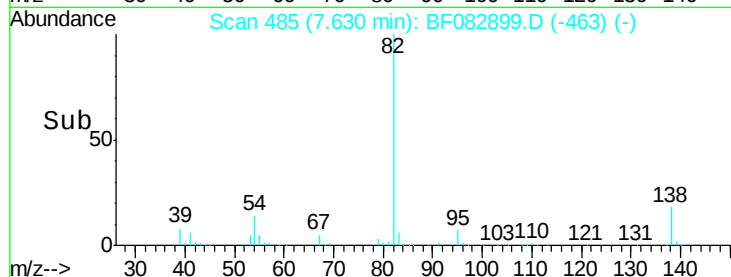
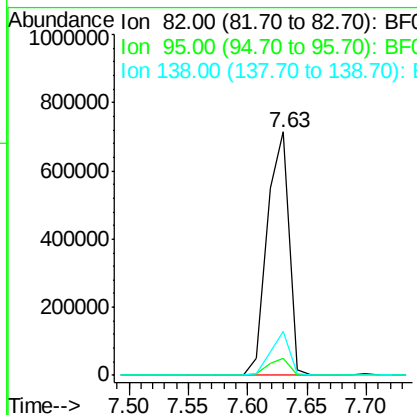
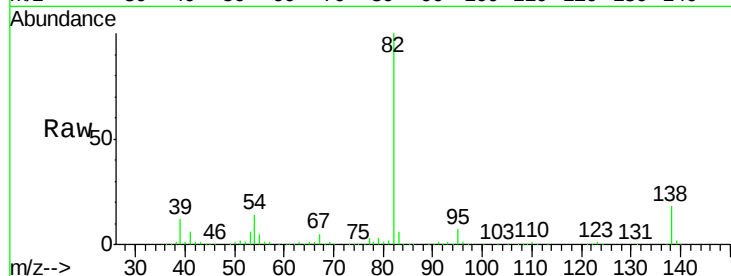
ClientSampleId :

SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	912833		
95	7.0	6.6	9.8	
138	18.2	11.4	17.0	

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.54 ng

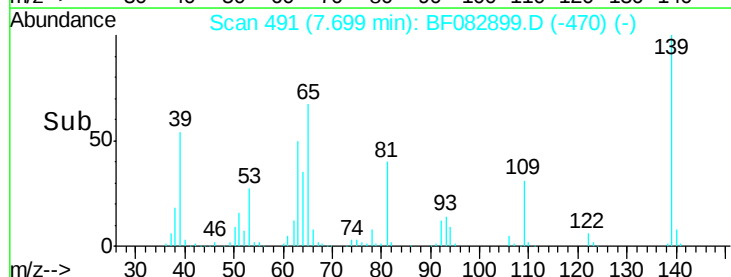
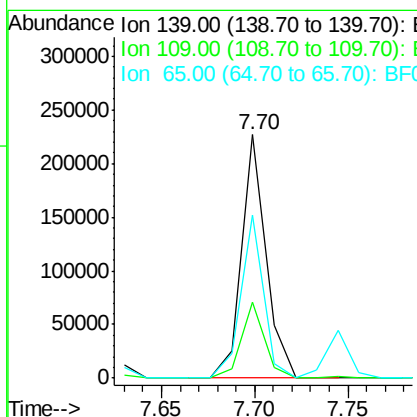
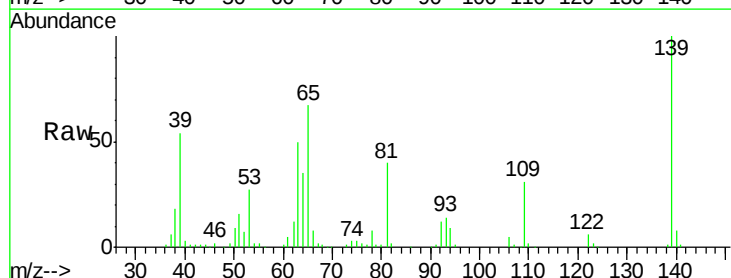
RT: 7.70 min Scan# 491

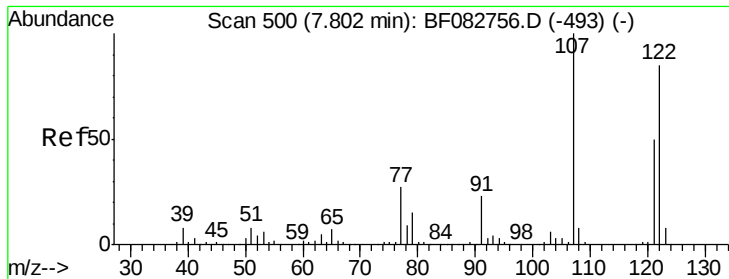
Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

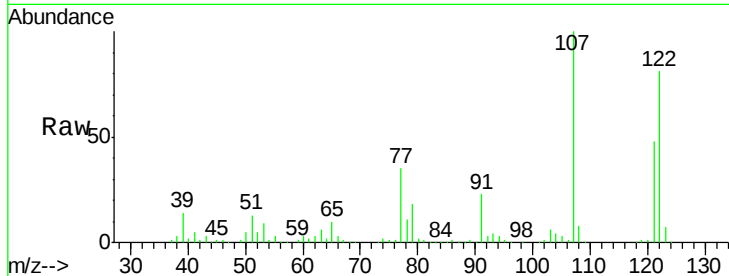
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	207281		
109	31.4	37.6	56.4	
65	67.0	70.6	105.8	





#27
 2,4-Dimethylphenol
 Concen: 21.86 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

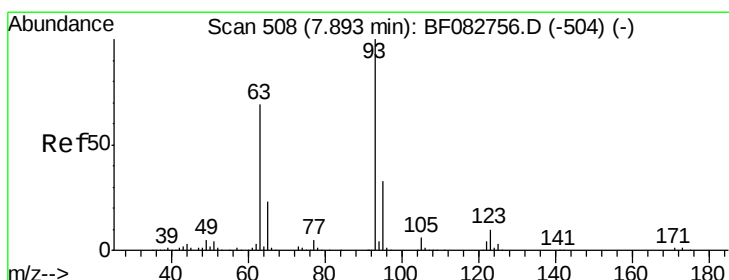
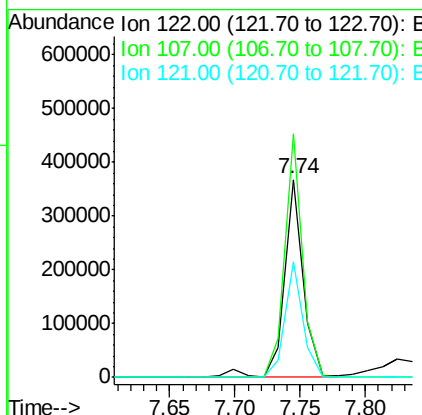
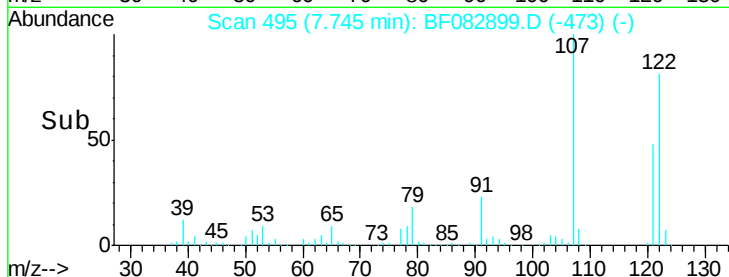
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	377871		
107	122.9	106.0	159.0	
121	58.6	46.7	70.1	

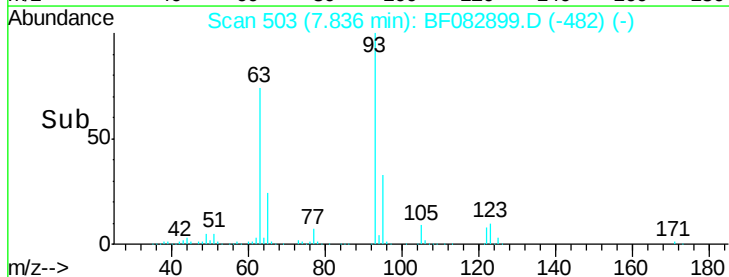
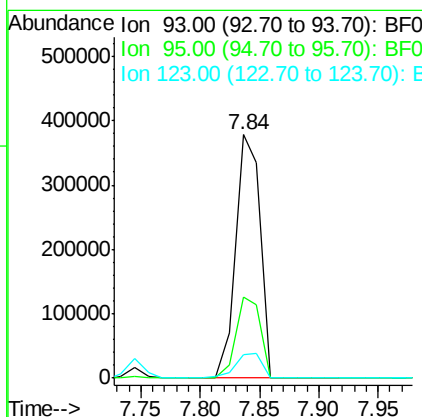
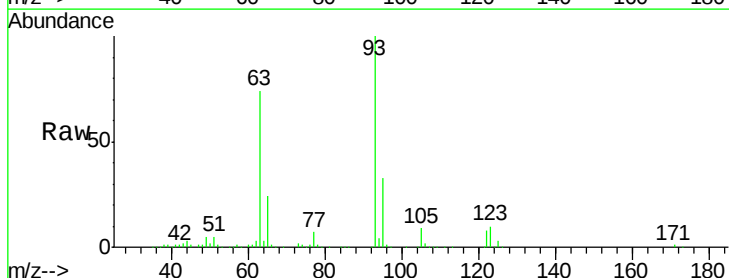
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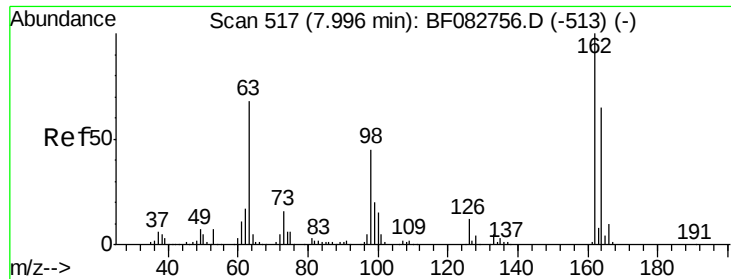
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#28
 bis(2-Chloroethoxy)methane
 Concen: 22.89 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	538470		
95	33.4	26.6	40.0	
123	9.7	9.7	14.5	





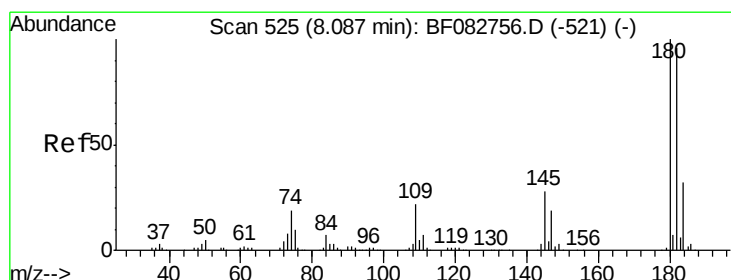
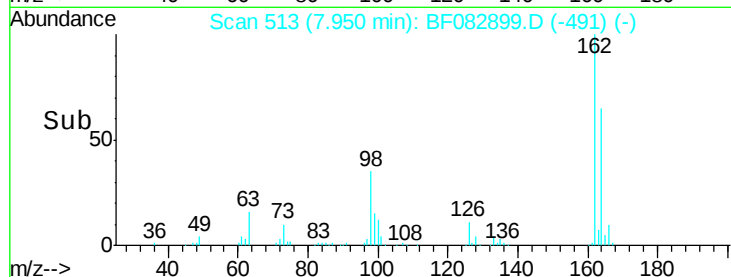
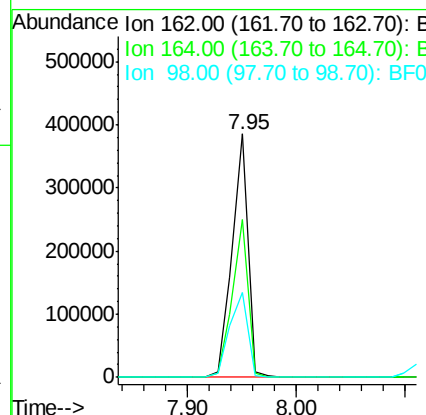
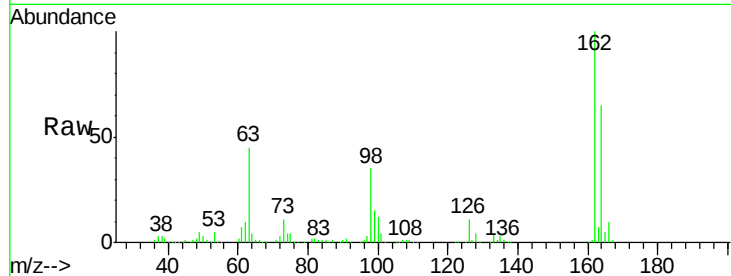
#29
2,4-Dichlorophenol
Concen: 24.91 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	389158		
164	64.6	46.8	86.8	
98	34.6	12.5	52.5	

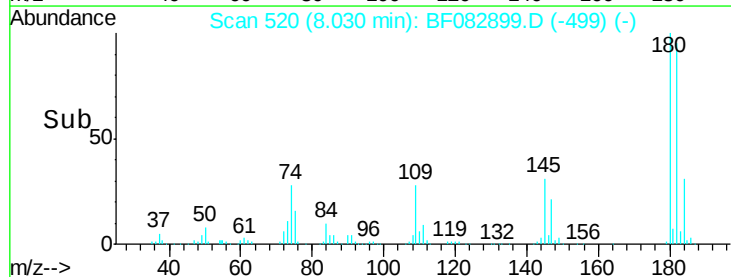
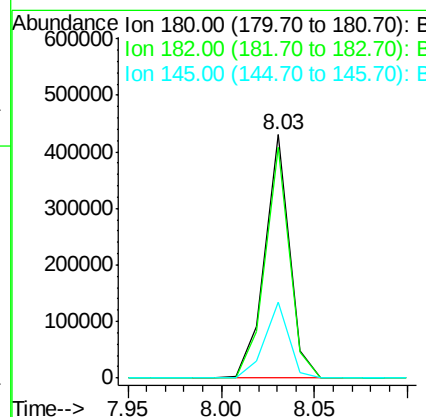
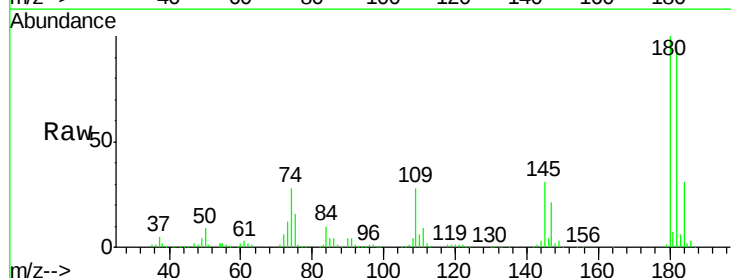
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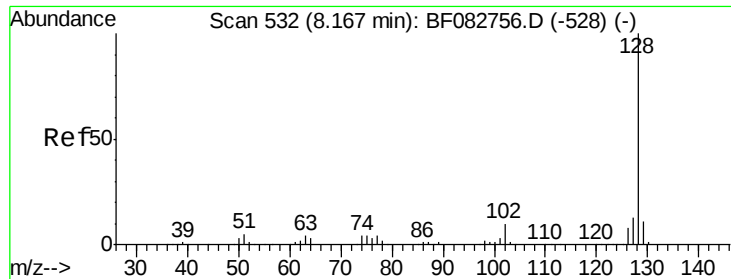
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#30
1,2,4-Trichlorobenzene
Concen: 22.26 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391086		
182	94.7	74.9	112.3	
145	30.9	27.8	41.8	





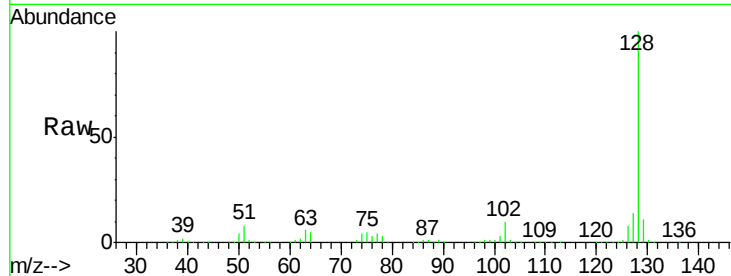
#31
Naphthalene
Concen: 23.08 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

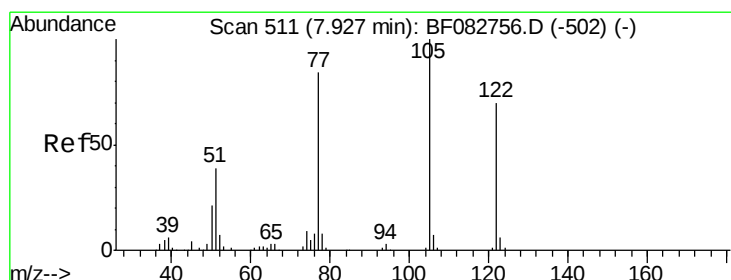
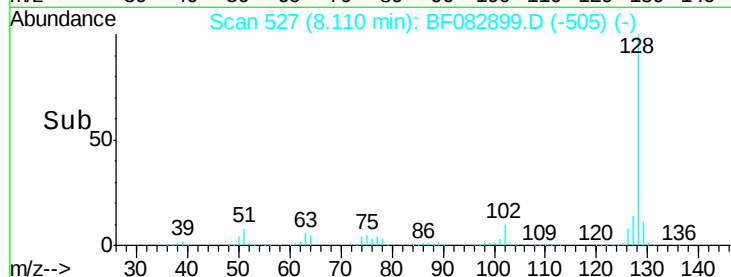
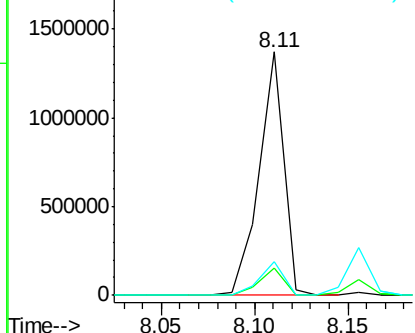
Tgt Ion:128 Resp: 1248861
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.9 11.4 17.0

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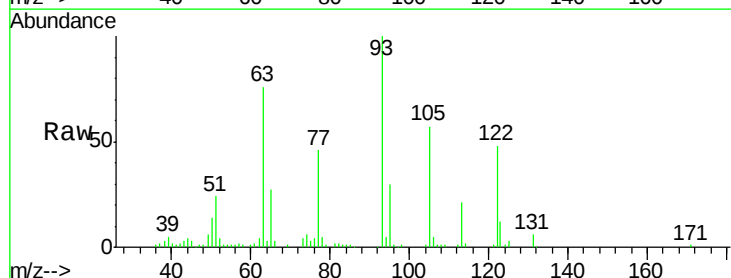


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

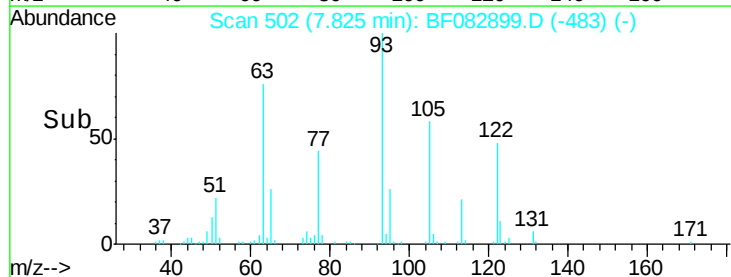
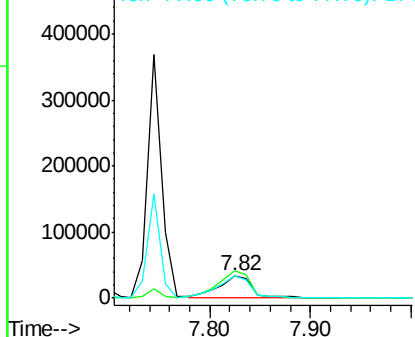


#32
Benzoic acid
Concen: 6.35 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.08 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:122 Resp: 75143
Ion Ratio Lower Upper
122 100
105 120.5 122.6 162.6#
77 97.2 100.9 140.9#



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





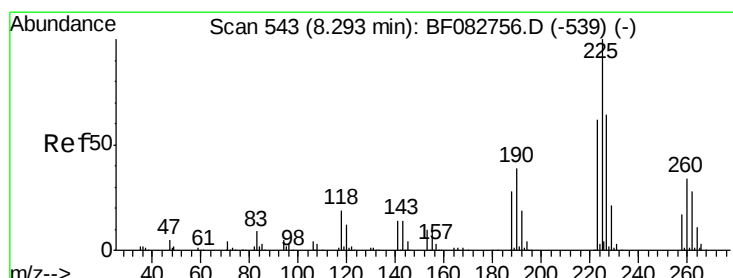
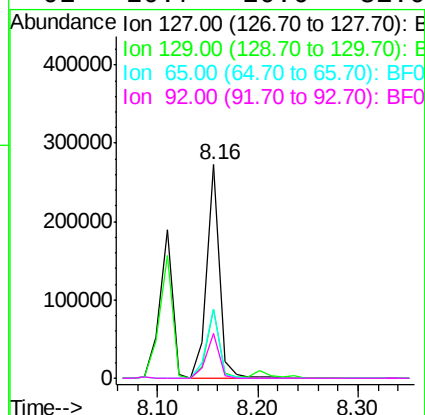
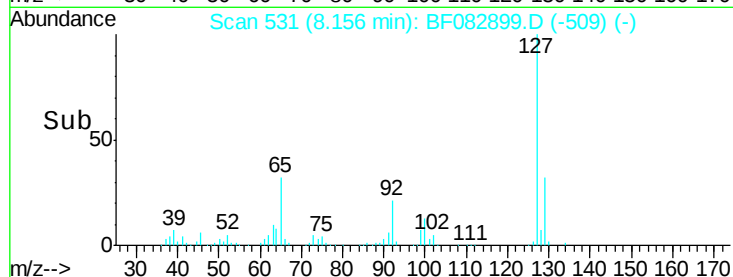
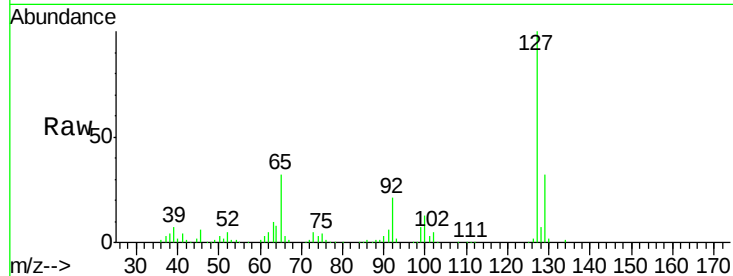
#33
4-Chloroaniline
Concen: 10.31 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	240517		
129	32.3	26.3	39.5	
65	32.4	37.8	56.8	
92	20.7	20.6	31.0	

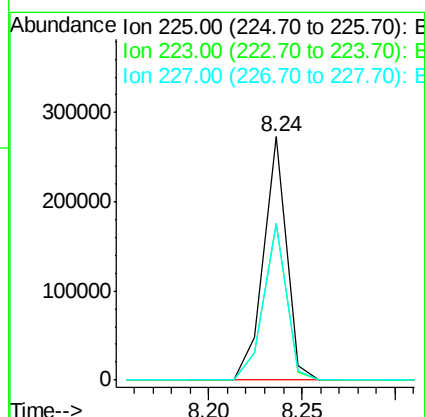
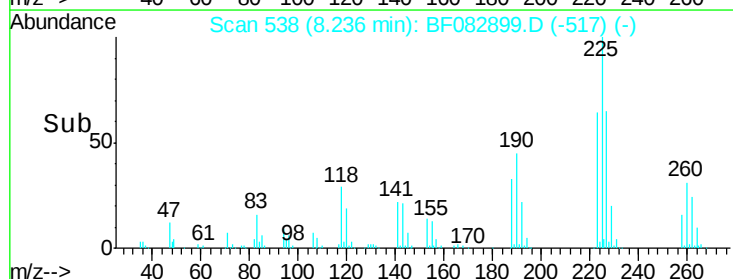
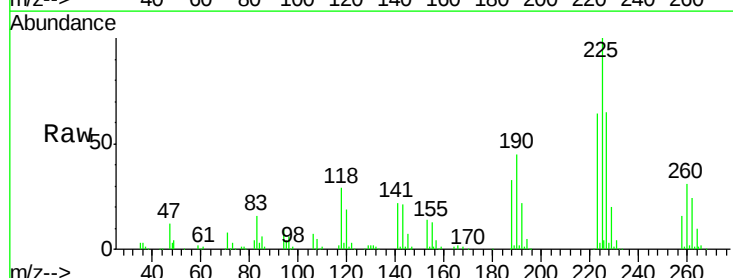
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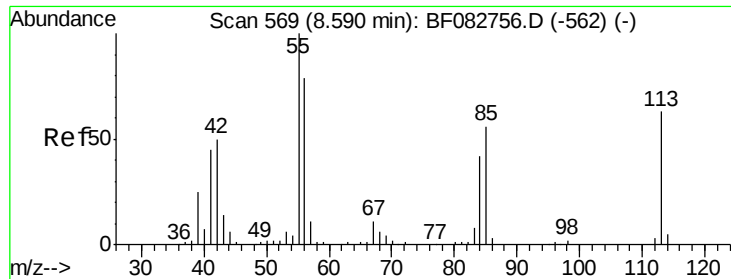
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#34
Hexachlorobutadiene
Concen: 21.07 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231699		
223	64.2	50.5	75.7	
227	64.5	50.2	75.2	





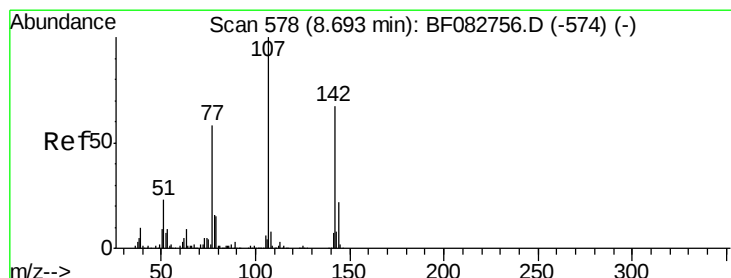
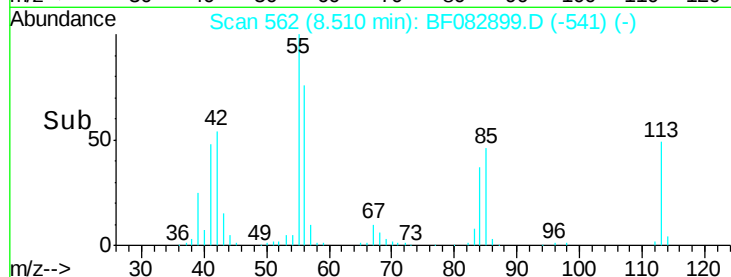
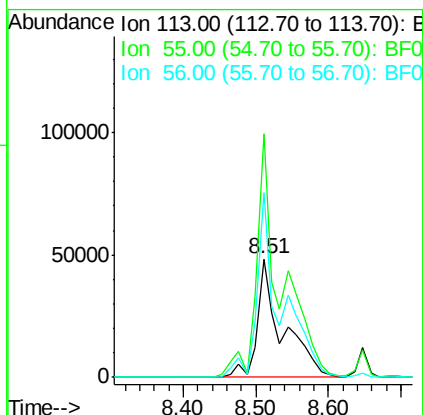
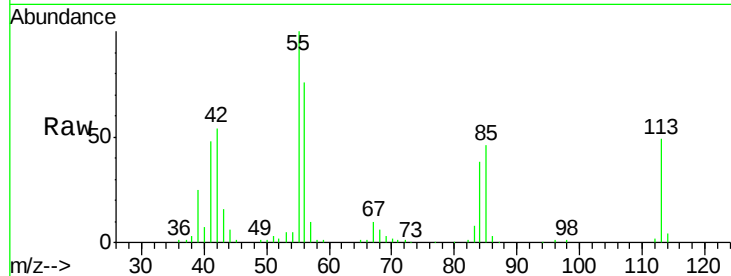
#35
 Caprolactam
 Concen: 23.83 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	205.2	195.5	235.5	
56	155.4	153.5	193.5	

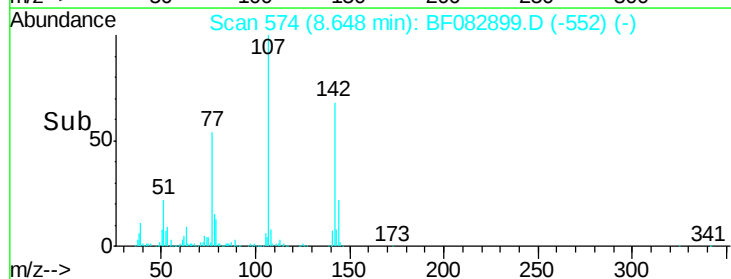
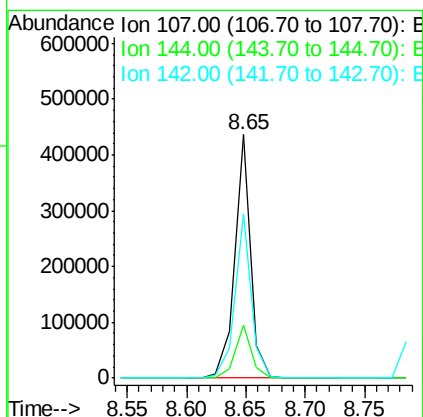
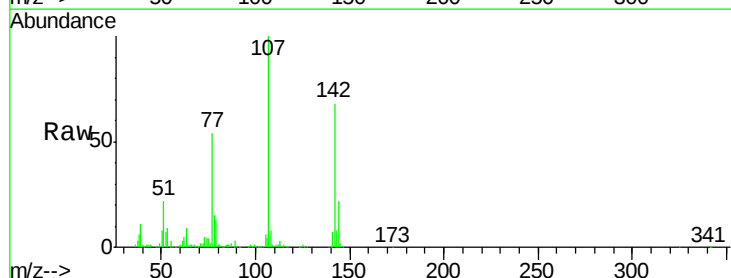
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#36
 4-Chloro-3-methylphenol
 Concen: 22.23 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.0	15.4	23.0	
142	67.5	47.8	71.8	





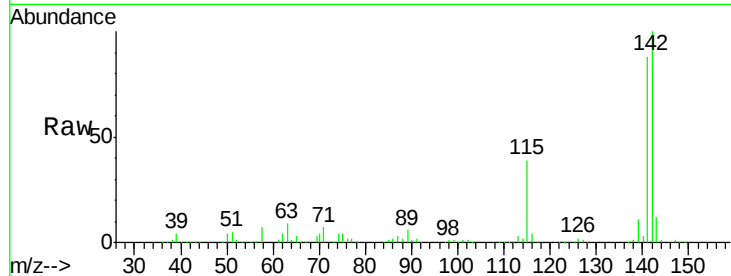
#37
 2-Methylnaphthalene
 Concen: 22.25 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

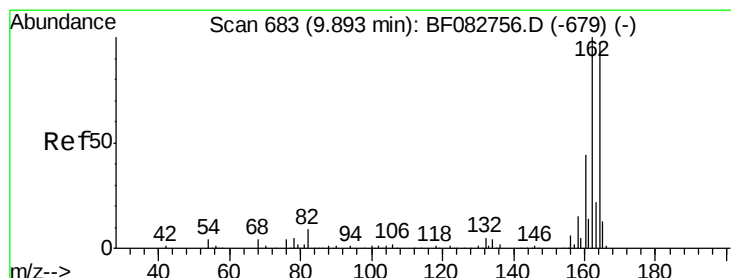
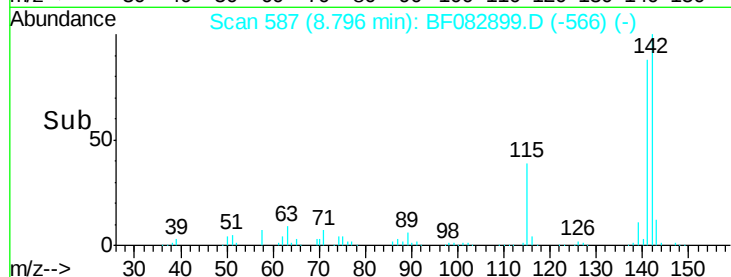
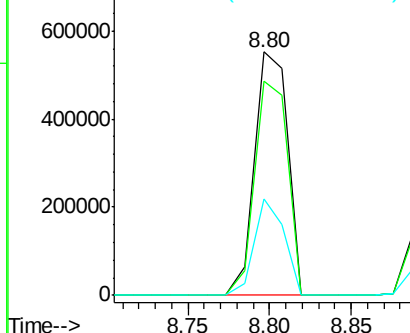
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.3	108.5
115	39.3	38.1	57.1

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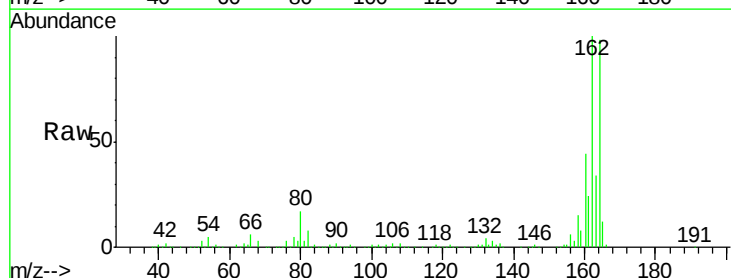


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

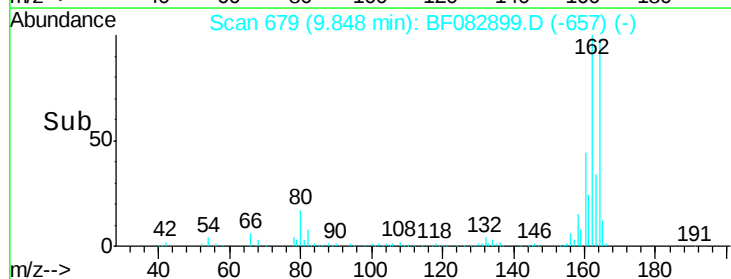
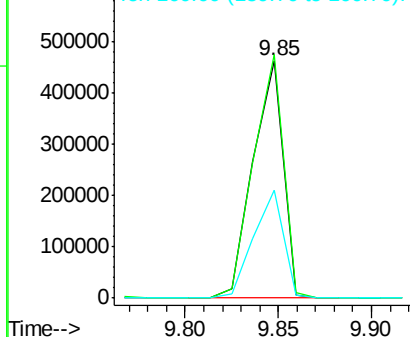


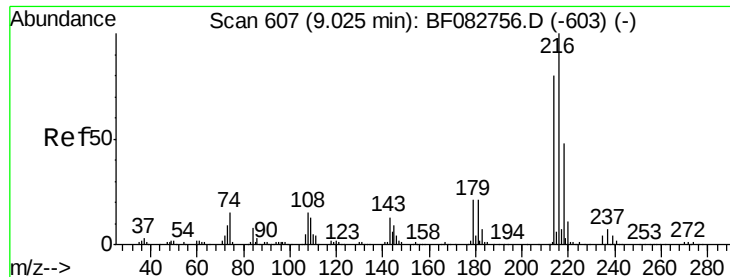
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.9	127.3
160	45.4	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.64 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.06 min

Lab File: BF082899.D

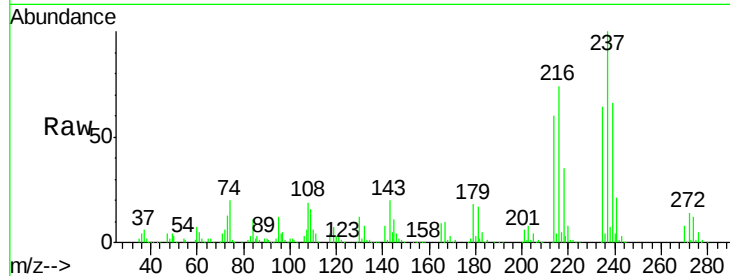
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS



Tgt Ion: 216 Resp: 334066

Ion Ratio Lower Upper

216 100

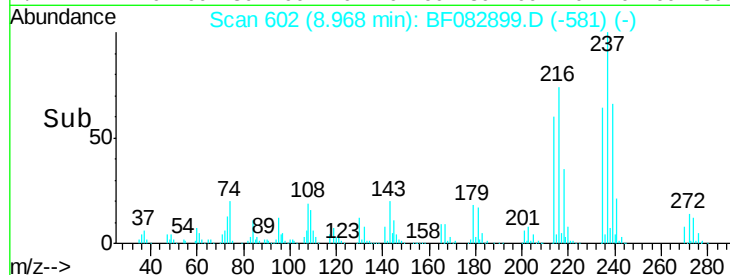
214 79.4 62.2 93.2

179 21.5 18.1 27.1

108 22.4 16.6 25.0

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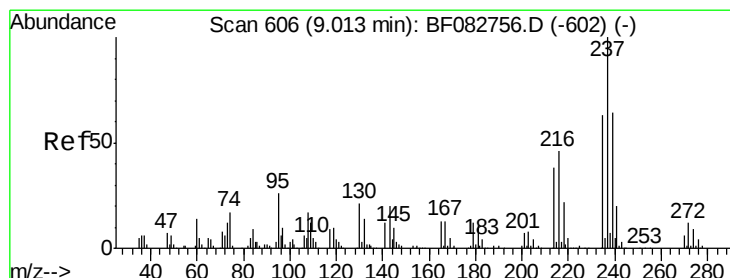
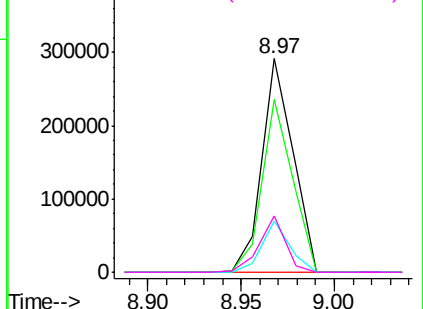


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.21 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

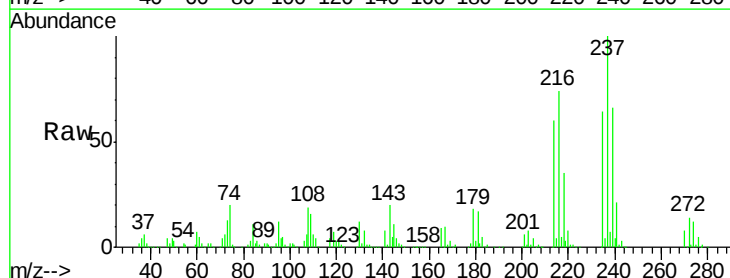
Tgt Ion: 237 Resp: 413091

Ion Ratio Lower Upper

237 100

235 63.9 44.3 84.3

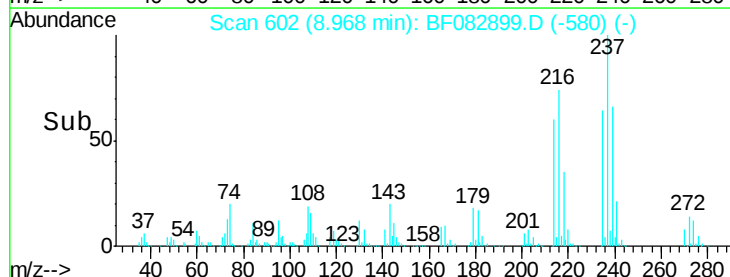
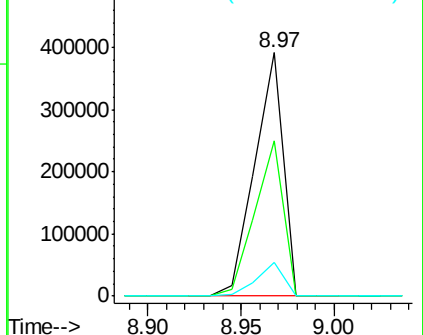
272 13.6 0.0 31.9

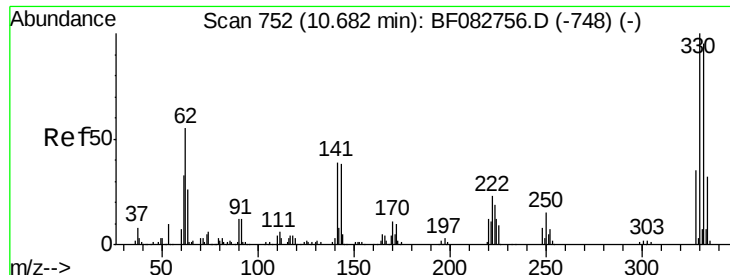


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





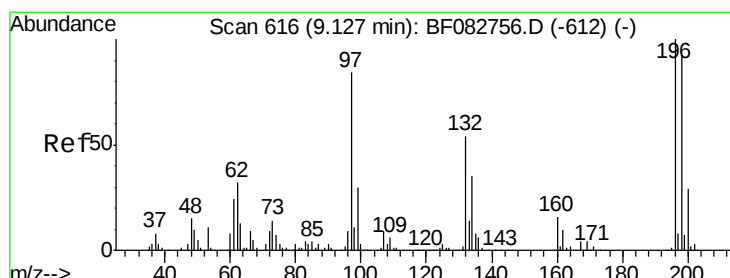
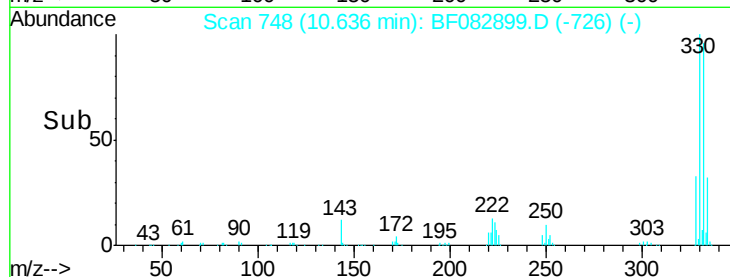
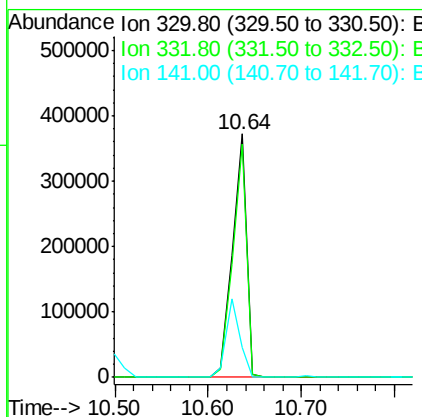
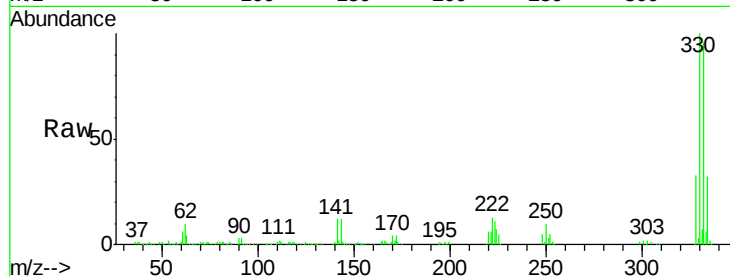
#41
 2,4,6-Tribromophenol
 Concen: 67.21 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	398825		
332	95.1	76.6	114.8	
141	31.7	41.2	61.8#	

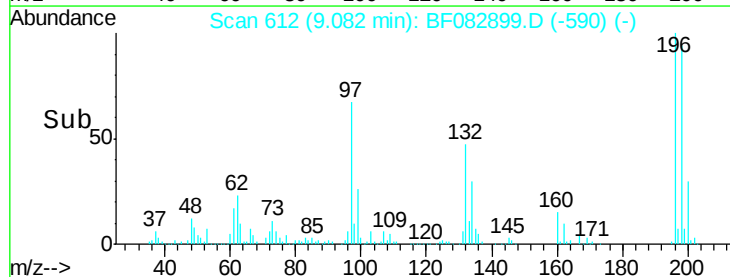
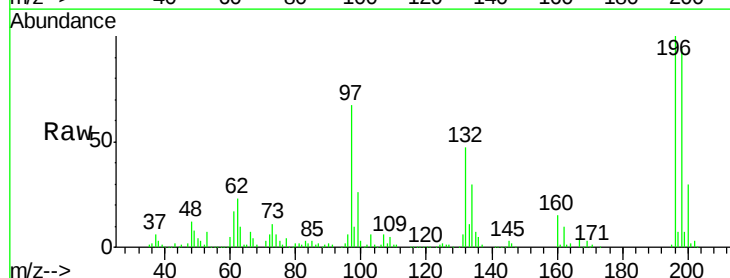
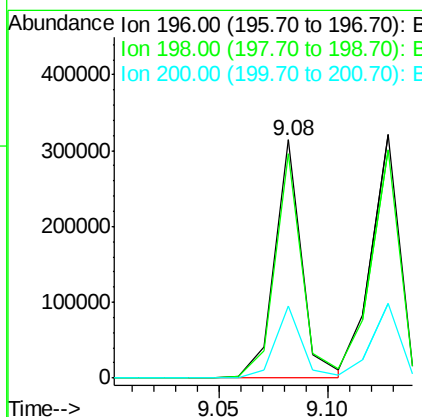
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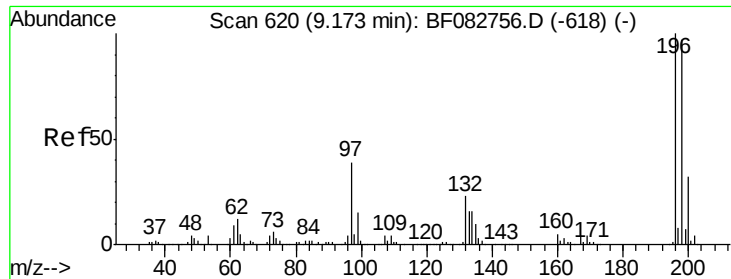
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#42
 2,4,6-Trichlorophenol
 Concen: 21.62 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

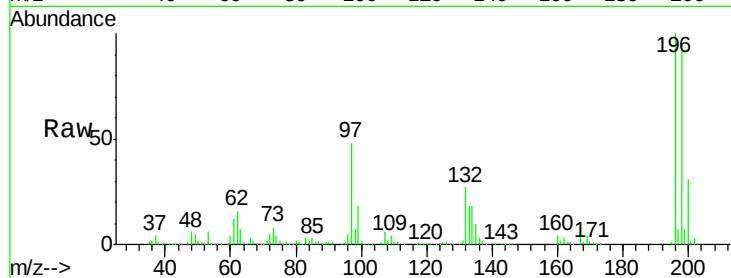
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274491		
198	94.1	76.3	114.5	
200	30.4	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 23.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

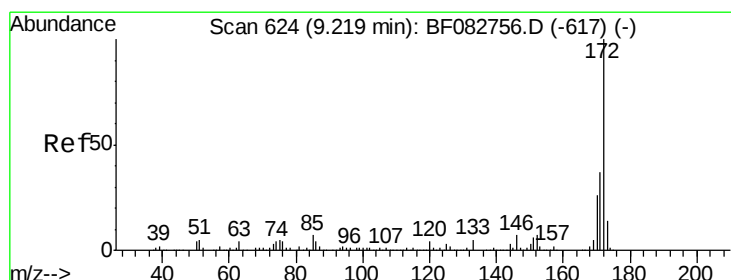
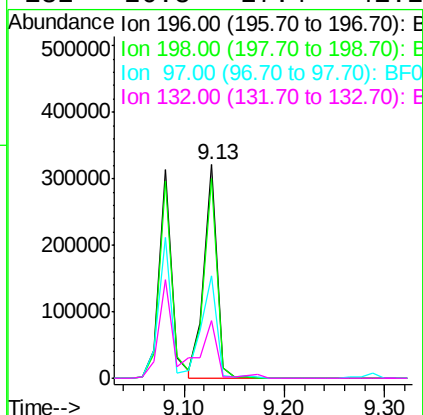
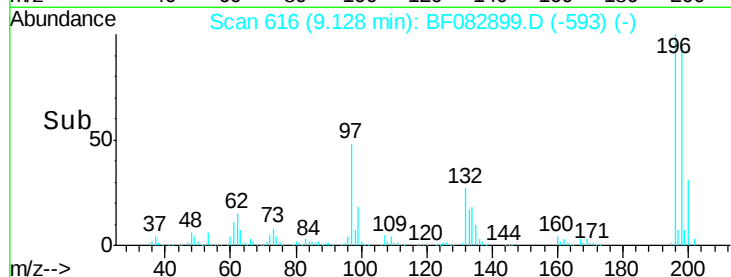
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292756		
198	93.7	75.8	113.8	
97	48.1	62.3	93.5	
132	26.8	27.4	41.2	

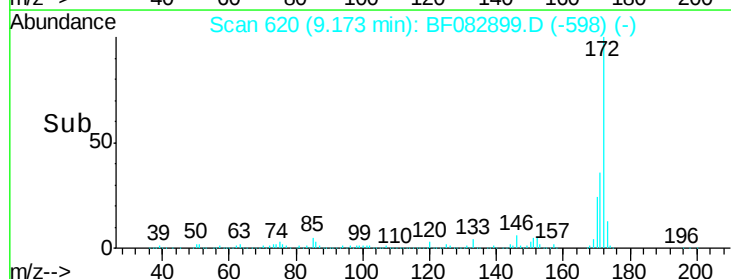
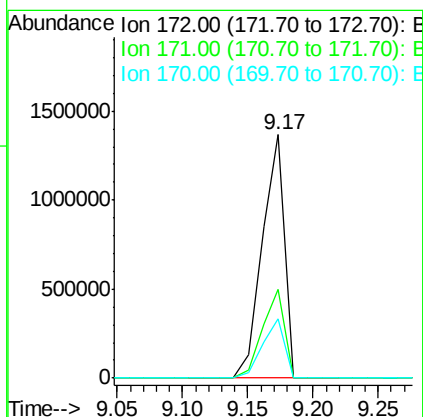
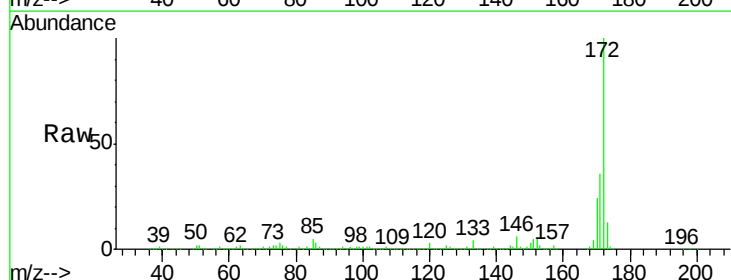
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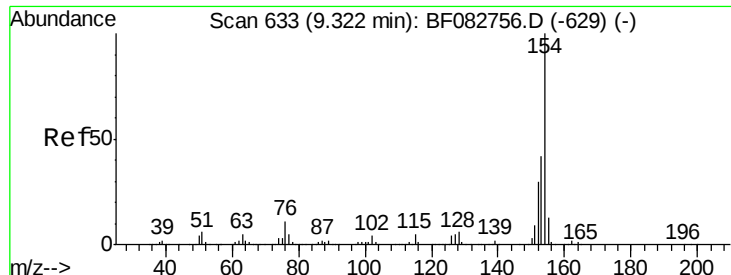
Mmdadoda
 11/16/2015 12:43:59 PM



#44
 2-Fluorobiphenyl
 Concen: 44.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1620128		
171	36.2	30.8	46.2	
170	24.4	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 20.88 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.06 min

Lab File: BF082899.D

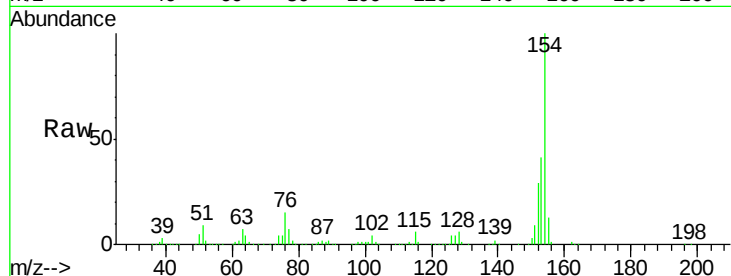
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

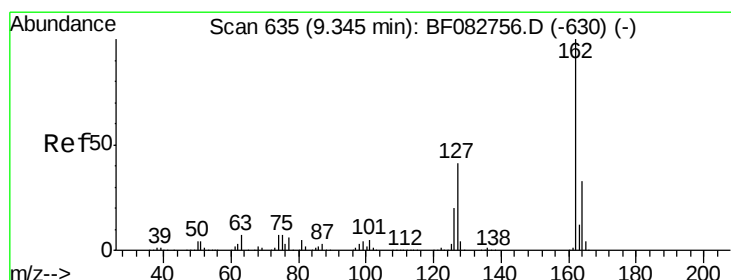
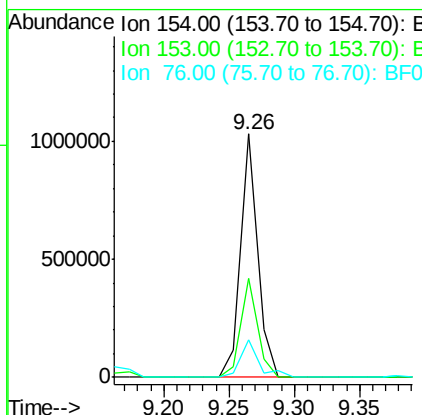
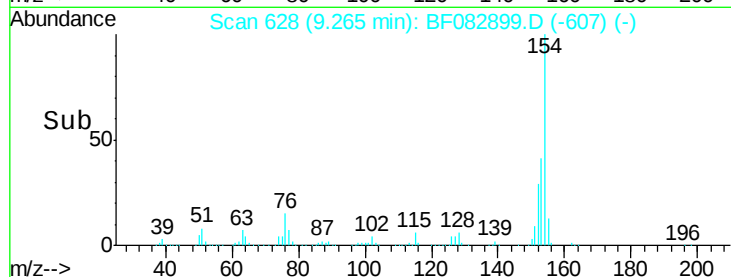
SB-3-4-6FTMS



Tgt Ion:	154	Resp:	926999
Ion Ratio	Lower	Upper	
154	100		
153	40.6	22.0	62.0
76	15.4	0.0	29.0

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#46

2-Chloronaphthalene

Concen: 21.34 ng

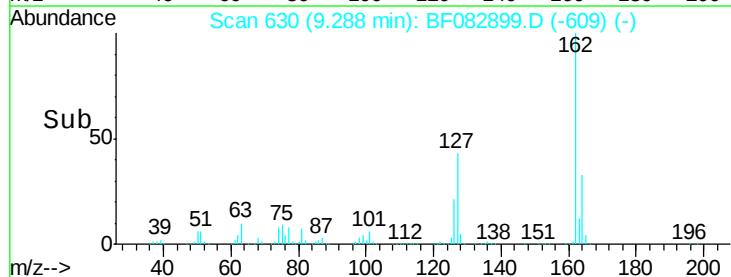
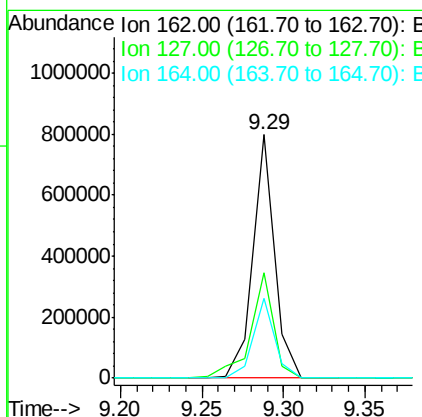
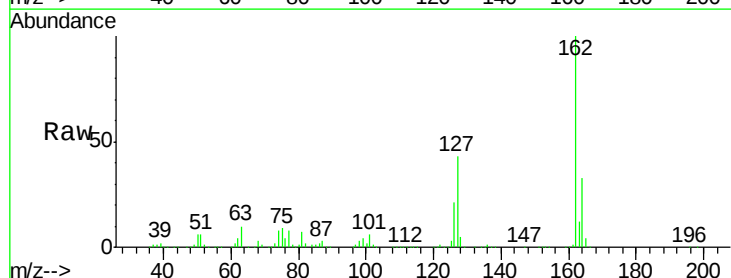
RT: 9.29 min Scan# 630

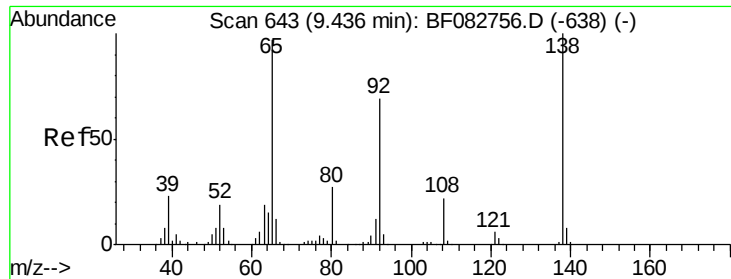
Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:	162	Resp:	739321
Ion Ratio	Lower	Upper	
162	100		
127	43.2	32.7	49.1
164	33.0	27.4	41.0





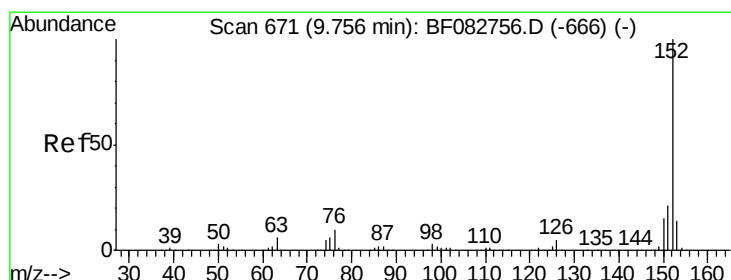
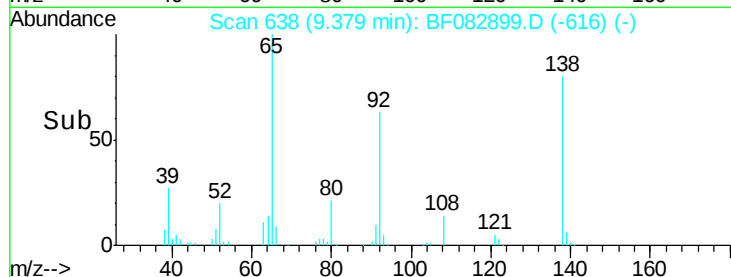
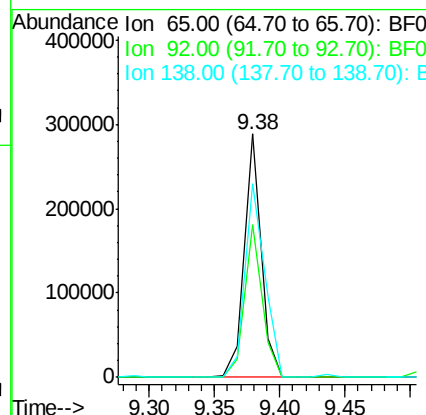
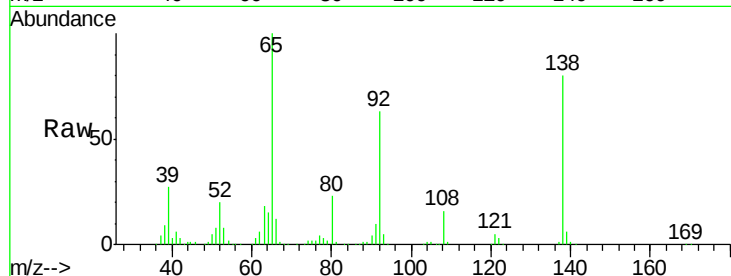
#47
2-Nitroaniline
Concen: 20.09 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	258117		
92	62.9	46.6	70.0	
138	79.8	54.6	81.8	

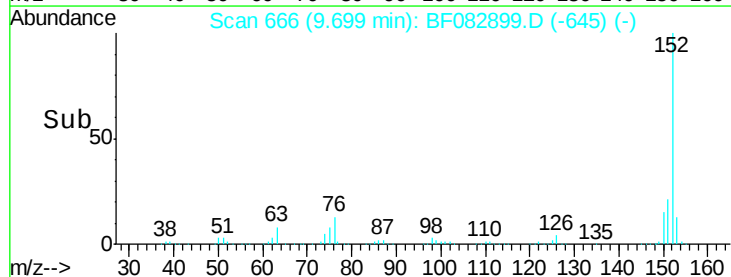
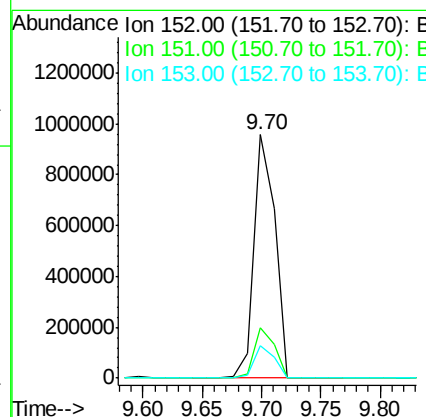
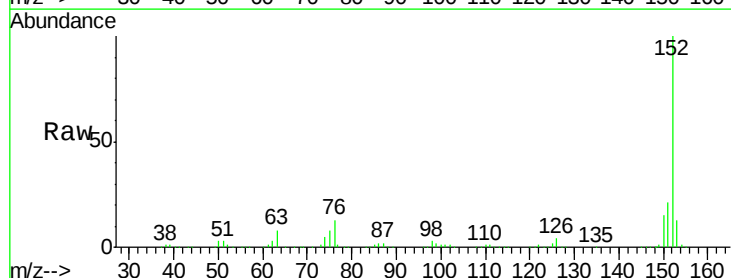
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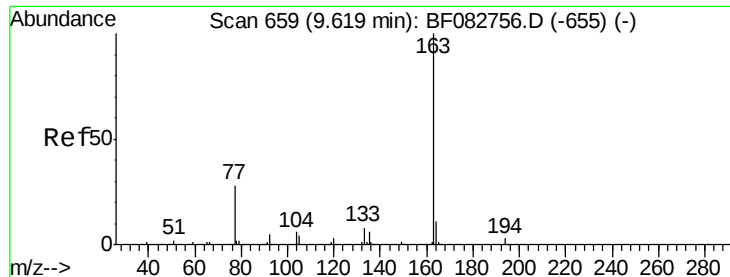
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#48
Acenaphthylene
Concen: 21.84 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1185443		
151	20.6	17.3	25.9	
153	13.3	11.3	16.9	





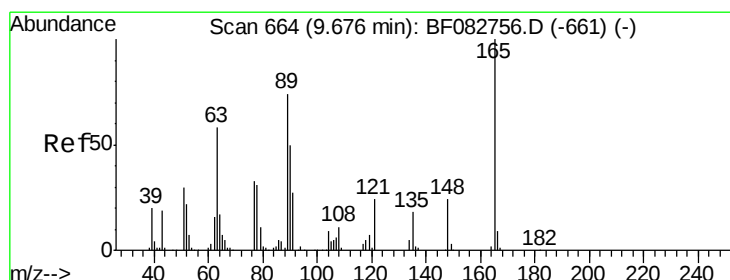
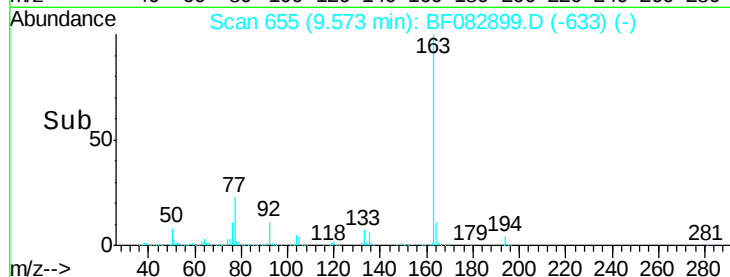
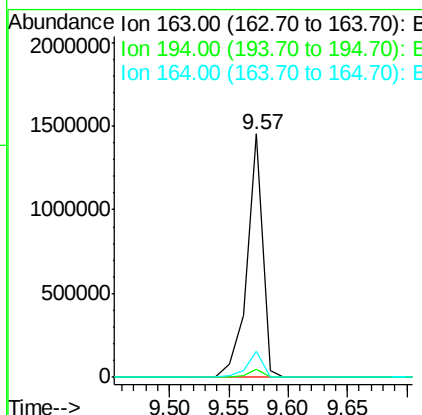
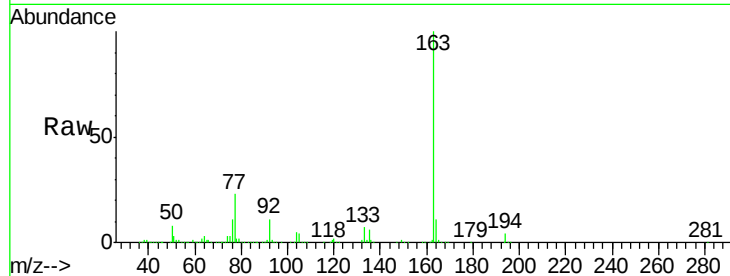
#49
Dimethylphthalate
Concen: 31.42 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion:163 Resp: 1332202
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.6 8.7 13.1

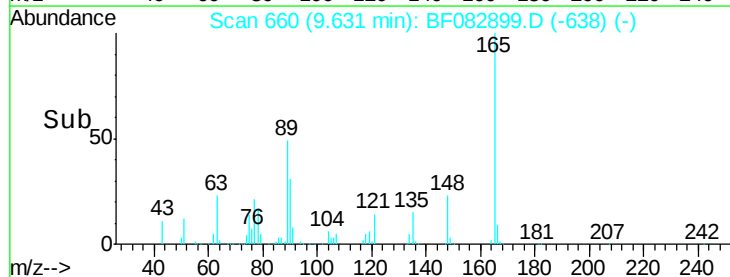
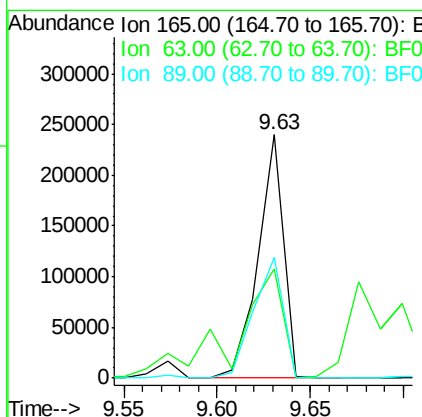
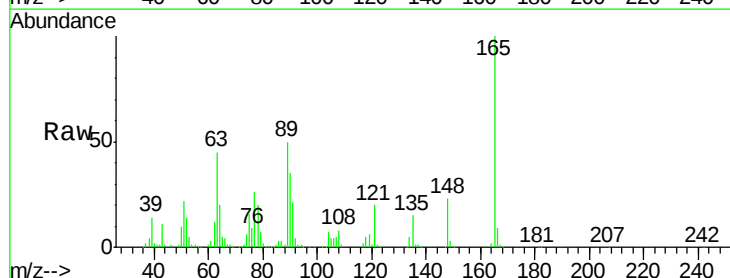
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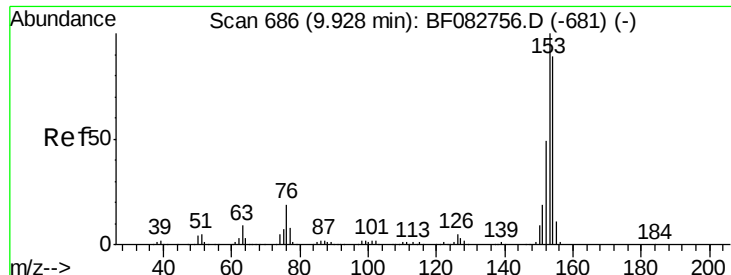
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#50
2,6-Dinitrotoluene
Concen: 24.81 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion:165 Resp: 224412
Ion Ratio Lower Upper
165 100
63 44.9 55.5 83.3#
89 49.8 55.0 82.6#





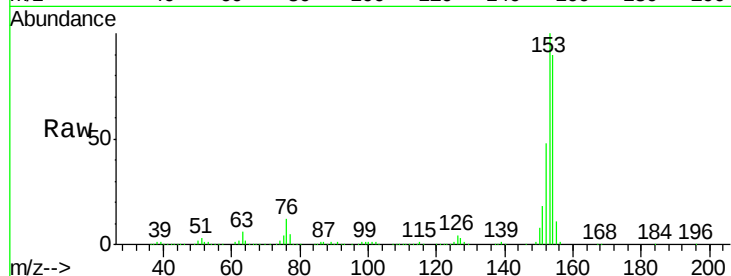
#51
Acenaphthene
Concen: 23.07 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	793877		
153	110.6	90.1	135.1	
152	53.6	44.3	66.5	

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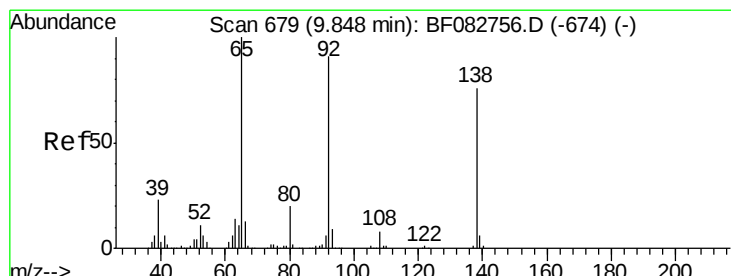
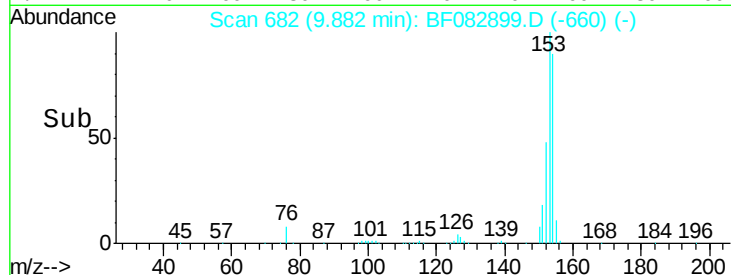
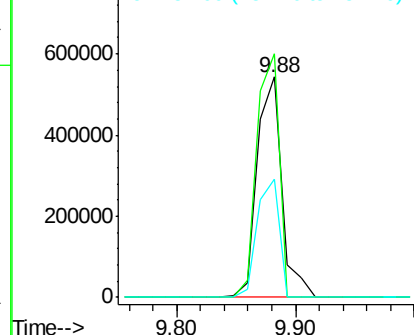


Abundance

Ion 154.00 (153.70 to 154.70): E

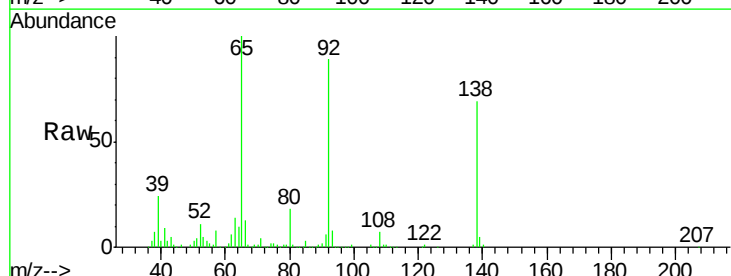
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 15.14 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150647		
108	10.7	11.3	16.9#	
92	129.0	122.4	183.6	

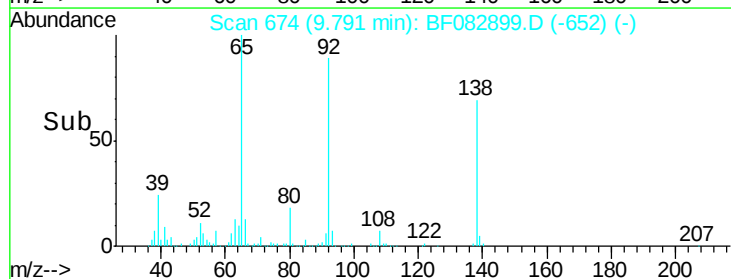
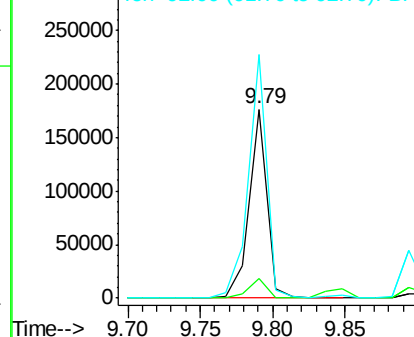


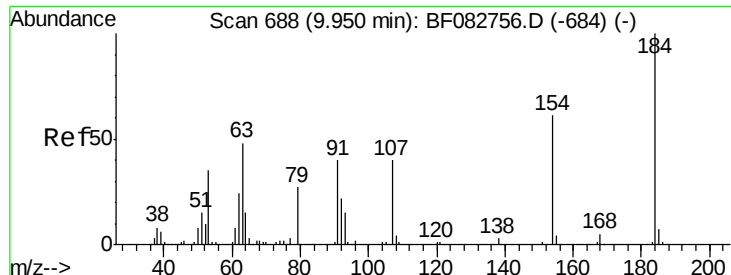
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





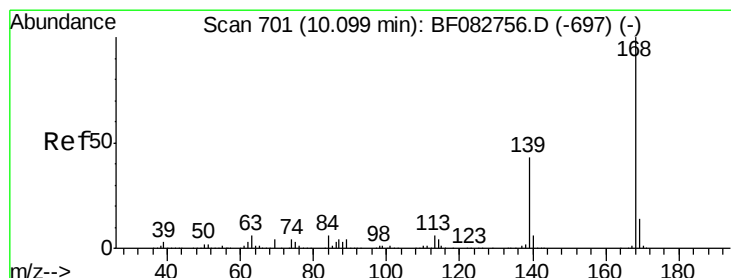
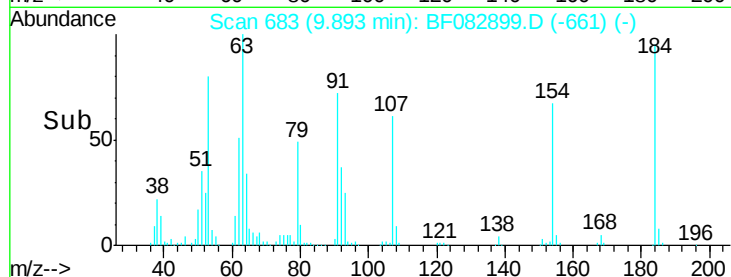
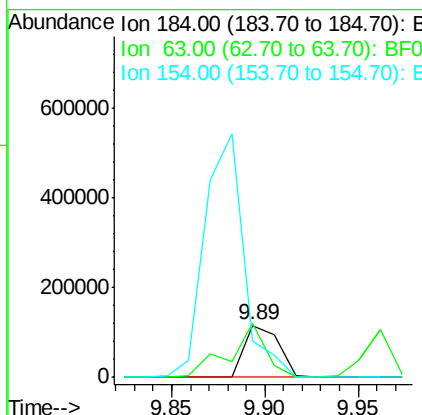
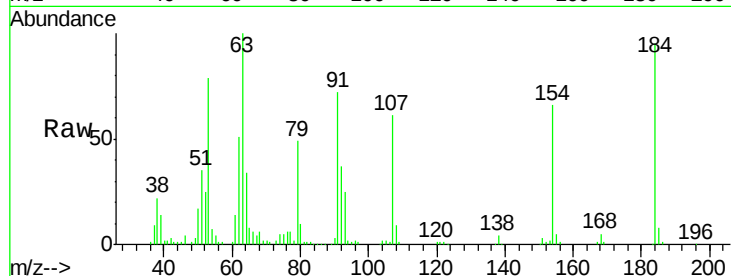
#53
 2,4-Dinitrophenol
 Concen: 30.56 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion:184 Resp: 151777
 Ion Ratio Lower Upper
 184 100
 63 105.3 98.6 148.0
 154 69.7 183.9 275.9#

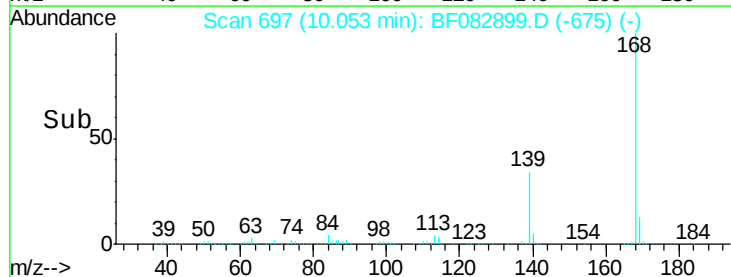
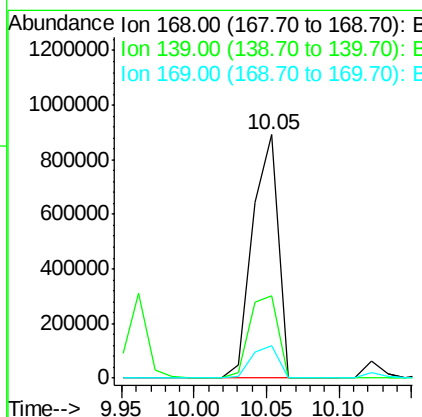
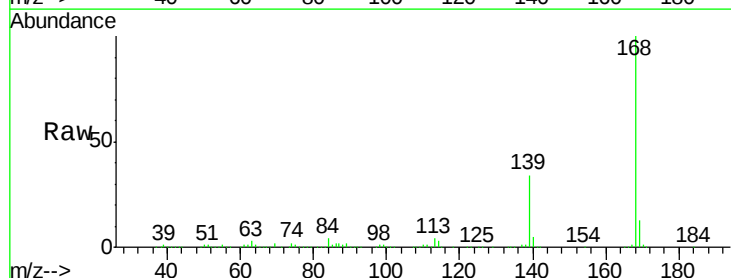
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#54
 Dibenzofuran
 Concen: 23.49 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion:168 Resp: 1089677
 Ion Ratio Lower Upper
 168 100
 139 33.8 37.8 56.6#
 169 13.5 11.3 16.9





#55

4-Nitrophenol

Concen: 39.66 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

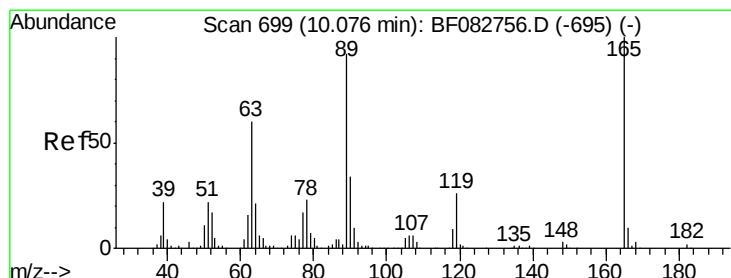
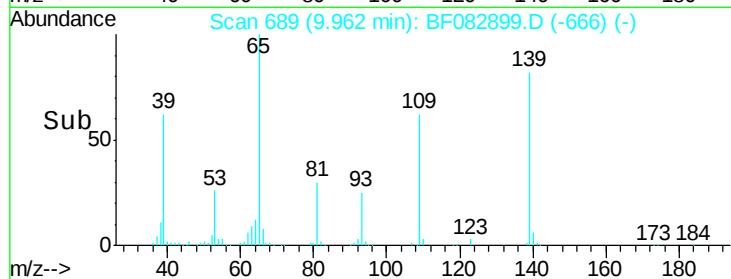
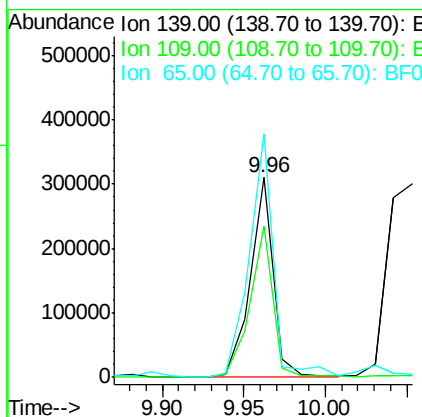
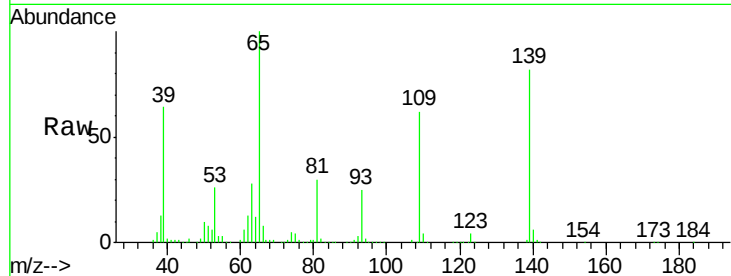
ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:	139	Resp:	302711
Ion Ratio	Lower	Upper	
139	100		
109	76.0	73.7	113.7
65	121.9	82.9	122.9

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#56

2,4-Dinitrotoluene

Concen: 24.01 ng

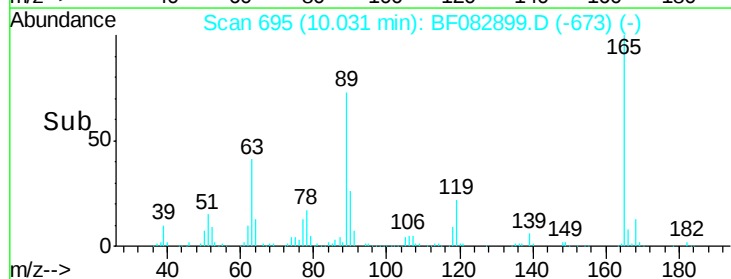
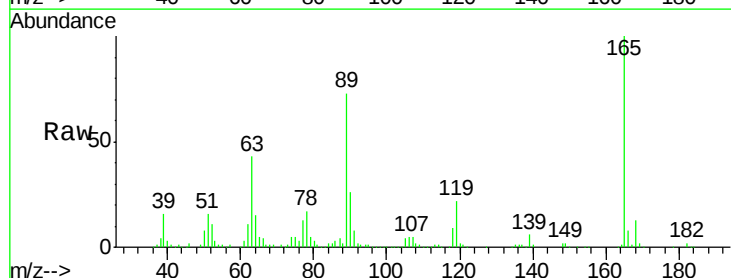
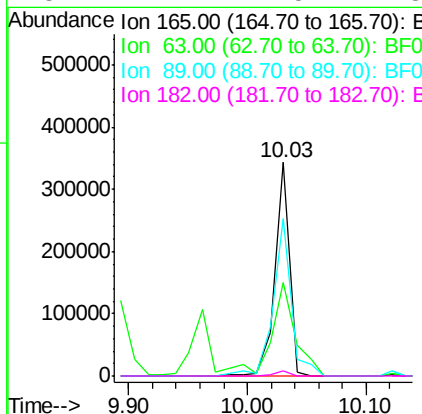
RT: 10.03 min Scan# 695

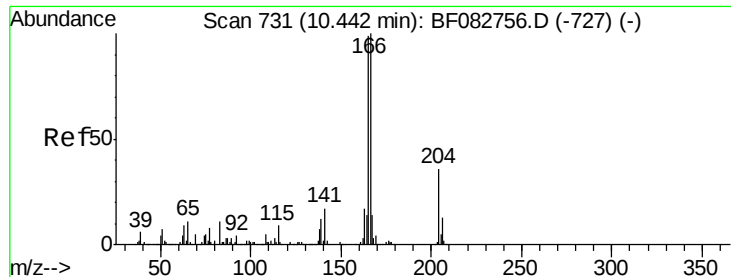
Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:	165	Resp:	294668
Ion Ratio	Lower	Upper	
165	100		
63	43.5	43.4	65.0
89	73.5	70.6	106.0
182	2.2	1.5	2.3





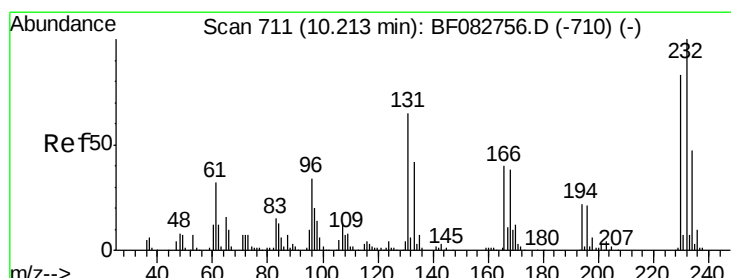
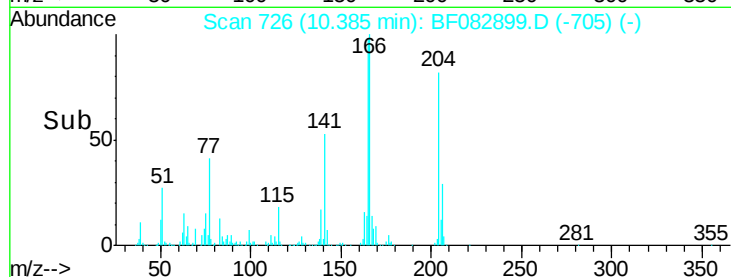
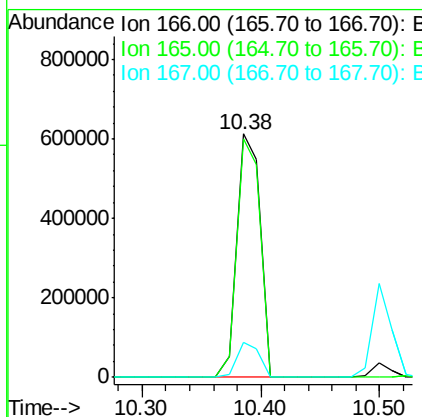
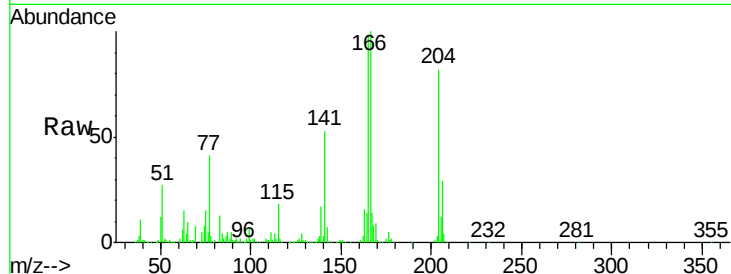
#57
 Fluorene
 Concen: 22.25 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	835701		
165	97.7	80.2	120.4	
167	14.2	11.2	16.8	

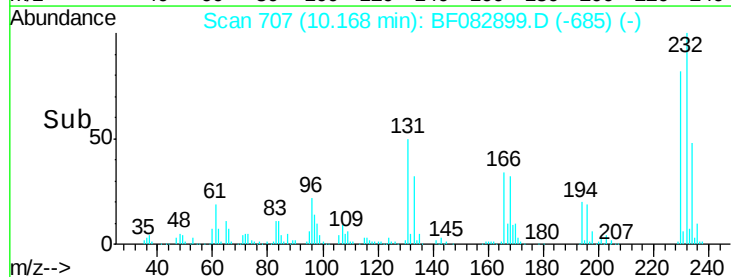
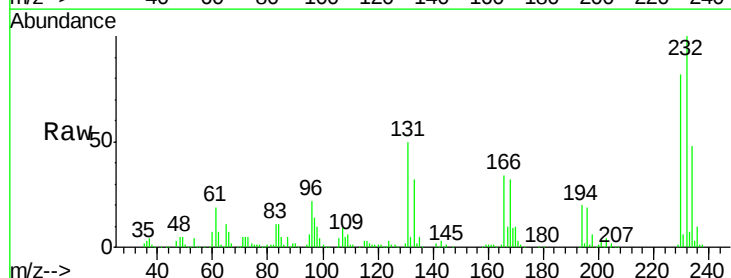
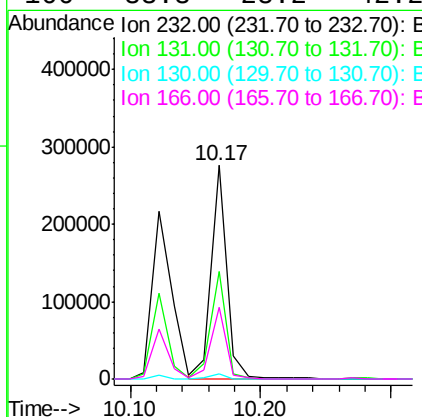
Manual Integrations
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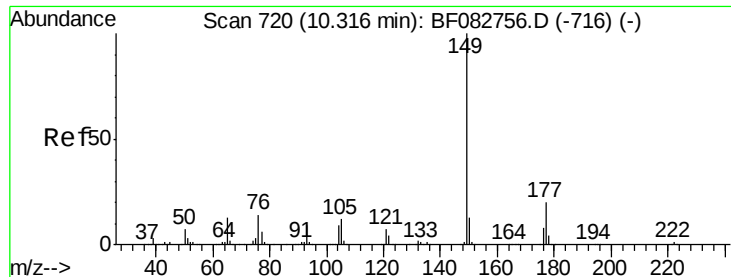
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.54 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	230983		
131	49.5	46.2	69.2	
130	2.3	2.4	3.6	
166	33.3	28.2	42.2	





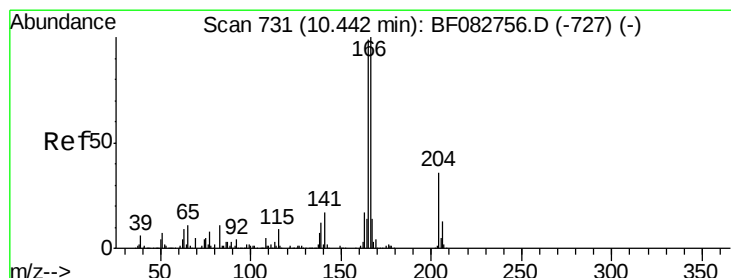
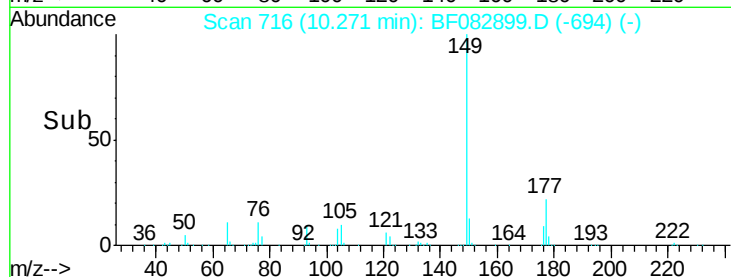
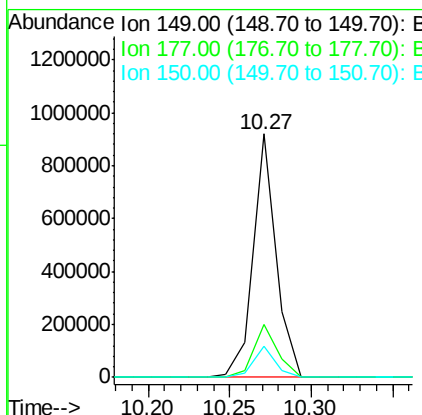
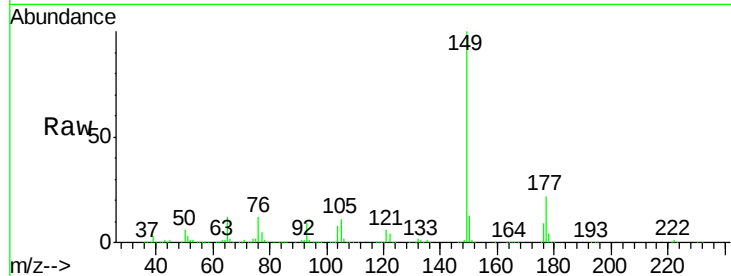
#59
Diethylphthalate
Concen: 21.79 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	901989		
177	21.7	17.9	26.9	
150	12.7	10.1	15.1	

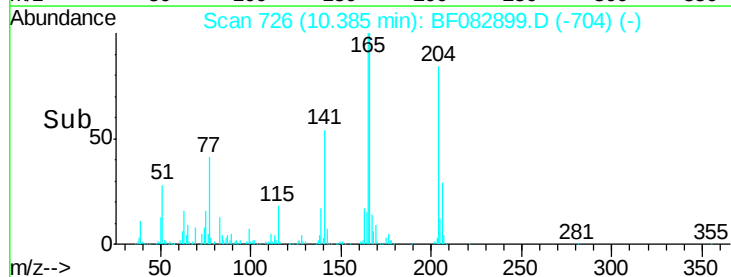
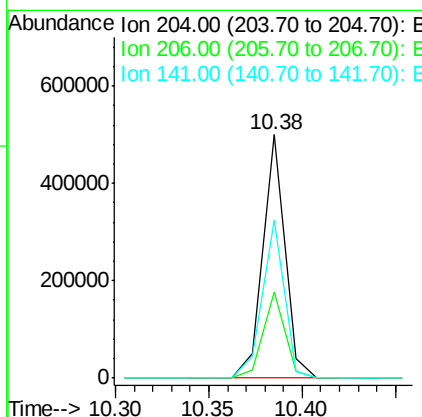
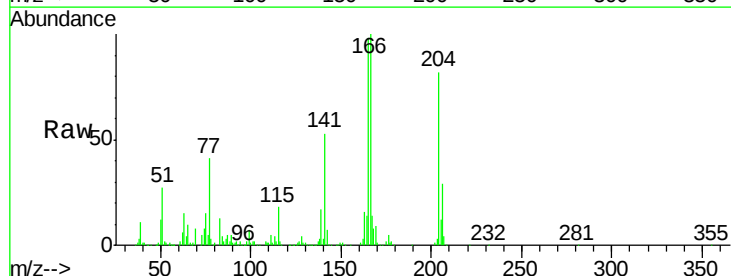
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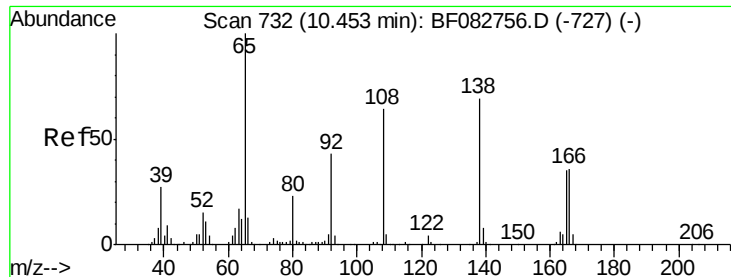
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#60
4-Chlorophenyl-phenylether
Concen: 21.62 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	406426		
206	35.3	28.5	42.7	
141	64.8	44.6	66.8	





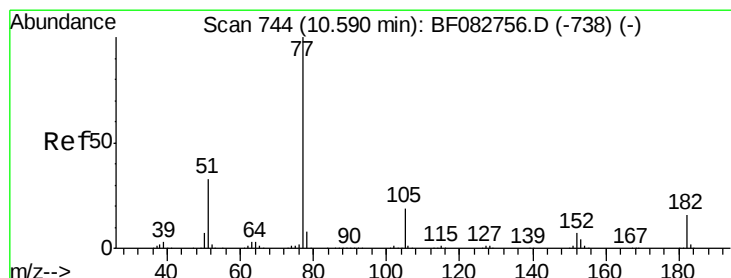
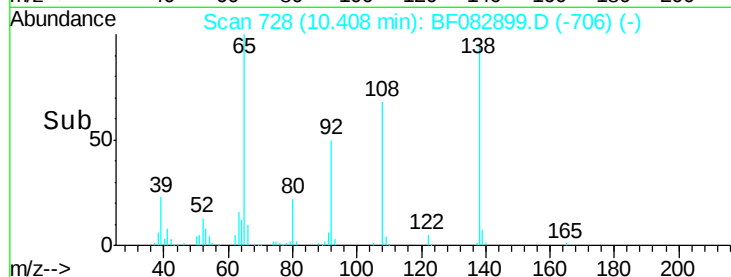
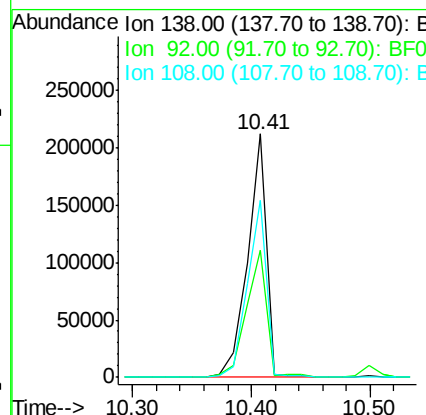
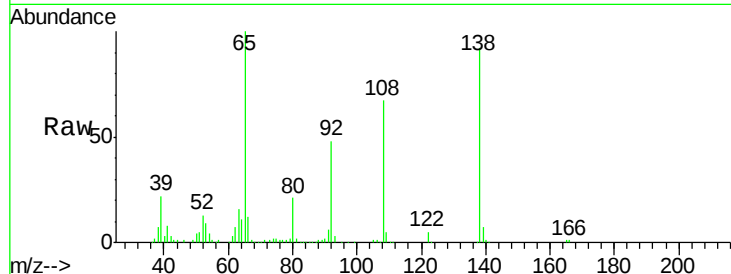
#61
4-Nitroaniline
Concen: 23.46 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	45.8	85.8
108	72.8	89.4	129.4

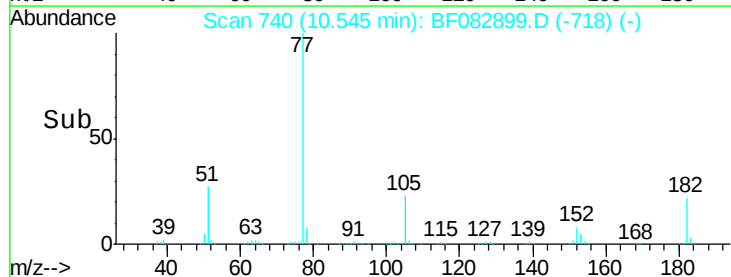
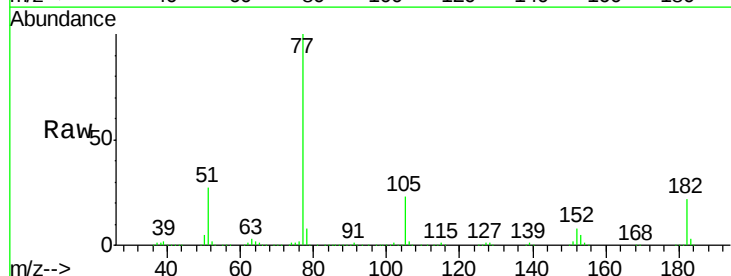
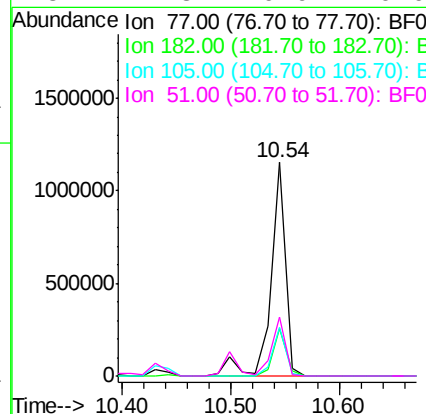
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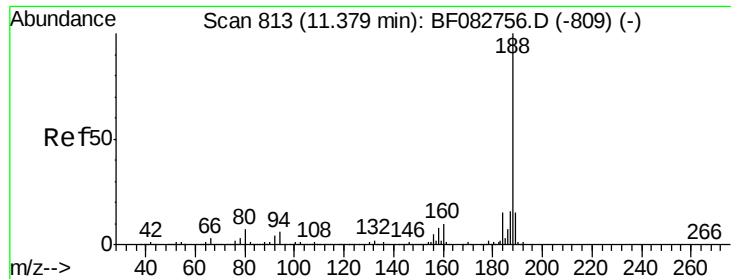
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#62
Azobenzene
Concen: 24.92 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	9.3	49.3
105	22.8	2.6	42.6
51	27.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:188 Resp: 930791
Ion Ratio Lower Upper

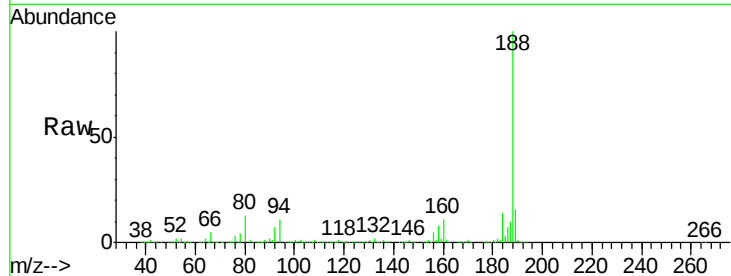
188 100

94 11.1 6.1 9.1#

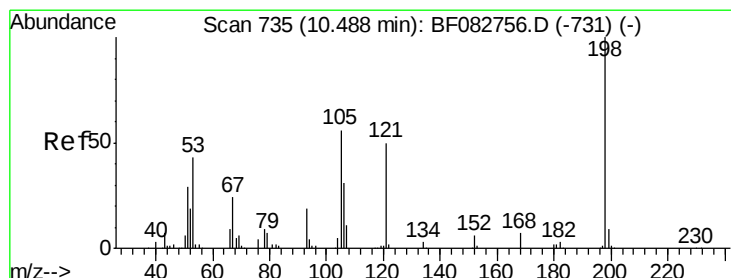
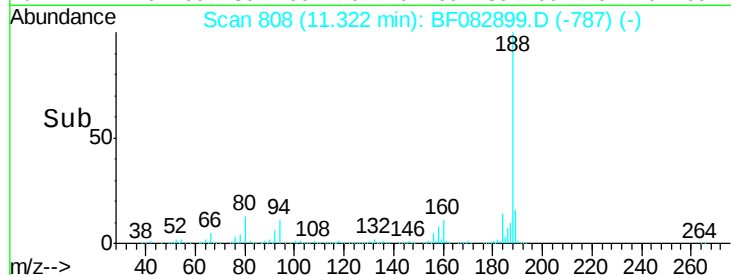
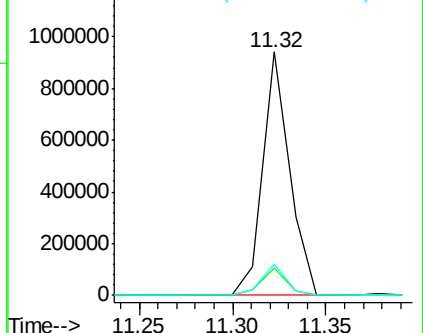
80 12.7 7.0 10.6#

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



#64

4,6-Dinitro-2-methylphenol

Concen: 22.83 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF082899.D

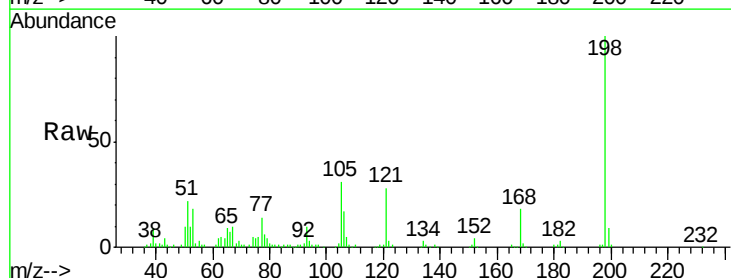
Acq: 13 Nov 2015 16:04

Tgt Ion:198 Resp: 151374
Ion Ratio Lower Upper

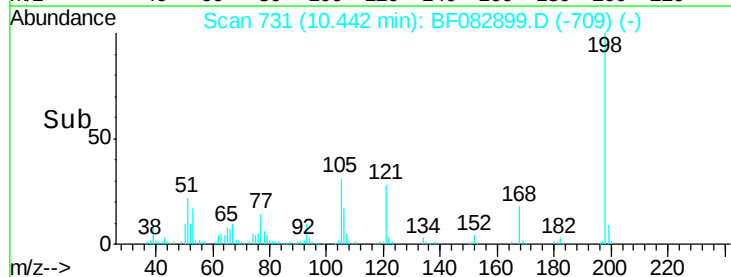
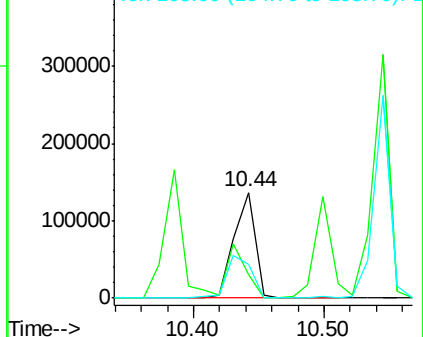
198 100

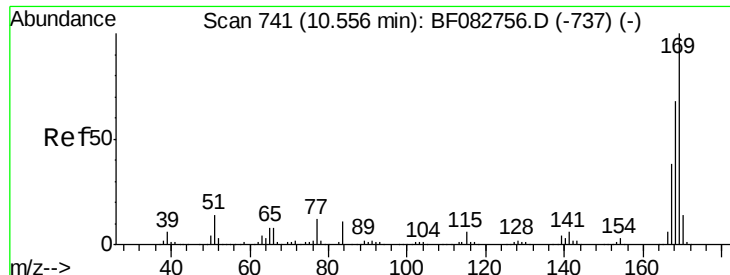
51 22.3 17.3 57.3

105 31.3 21.7 61.7



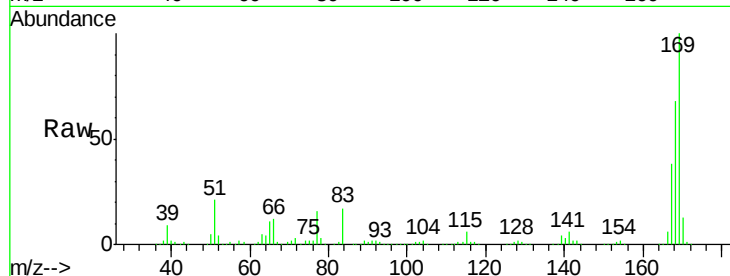
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65
n-Nitrosodiphenylamine
Concen: 21.13 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

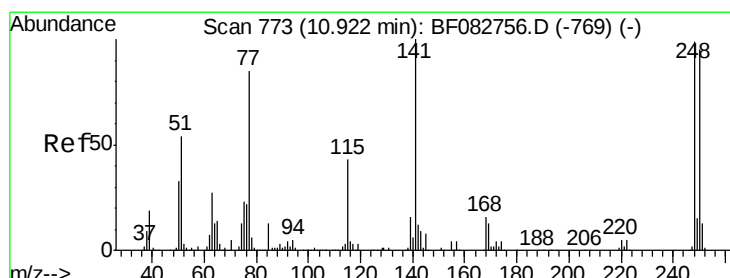
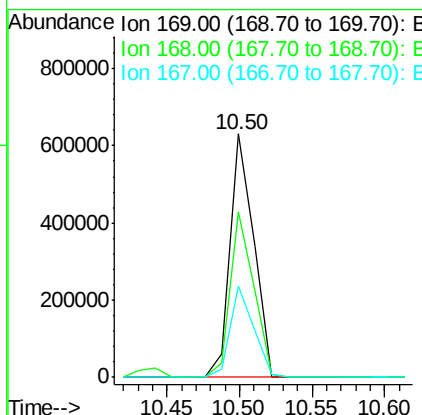
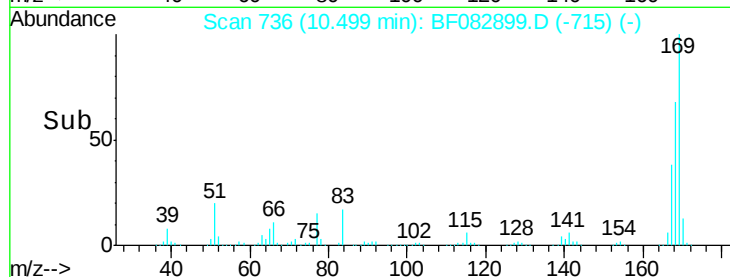
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	710686		
168	68.1	55.0	82.6	
167	37.6	30.5	45.7	

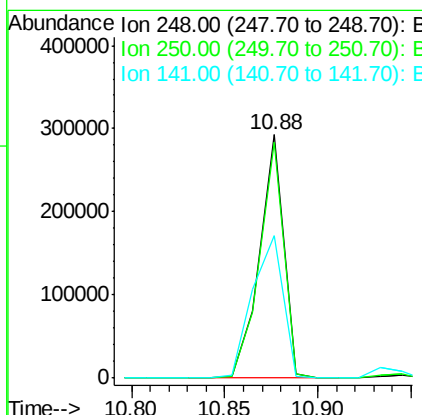
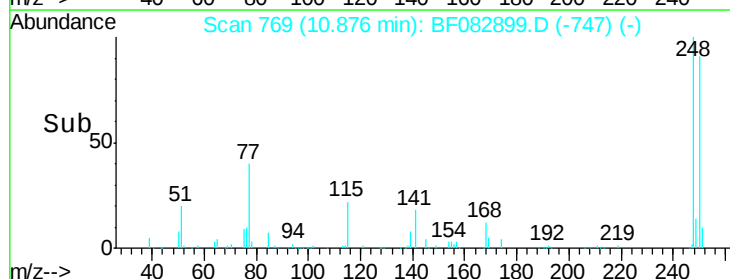
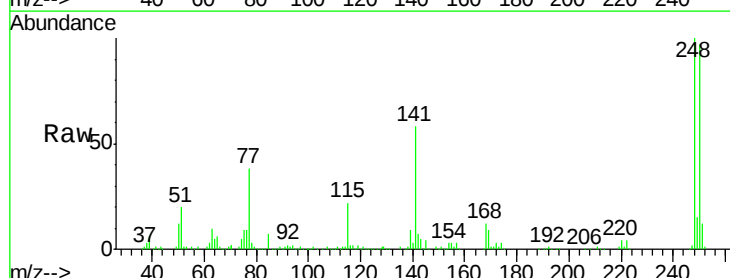
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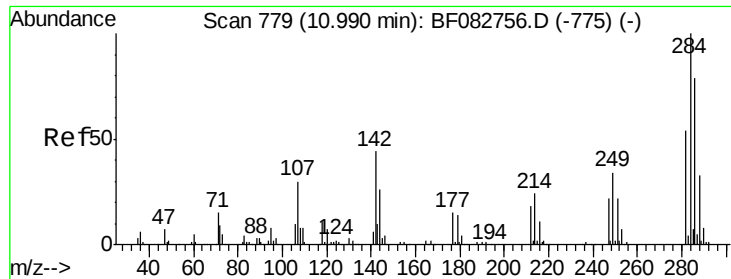
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#66
4-Bromophenyl-phenylether
Concen: 23.30 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261119		
250	97.1	79.4	119.2	
141	58.5	36.3	54.5	





#67

Hexachlorobenzene

Concen: 22.68 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF082899.D

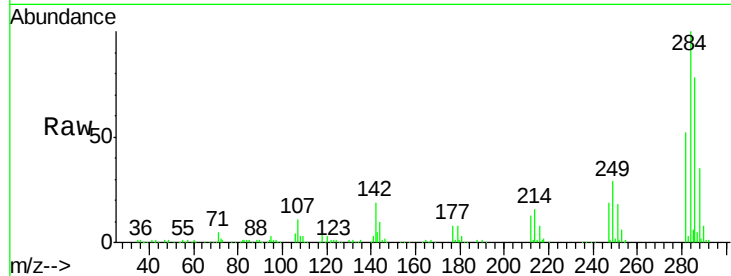
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

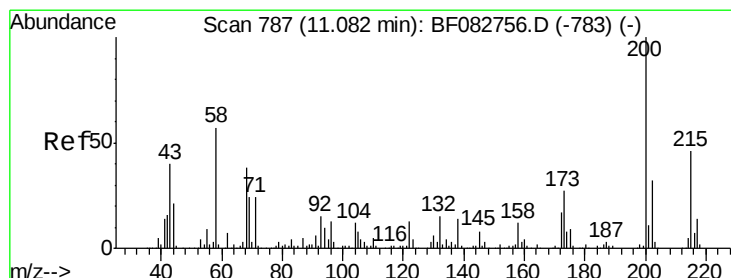
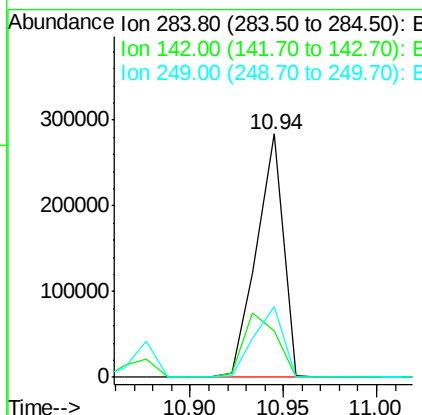
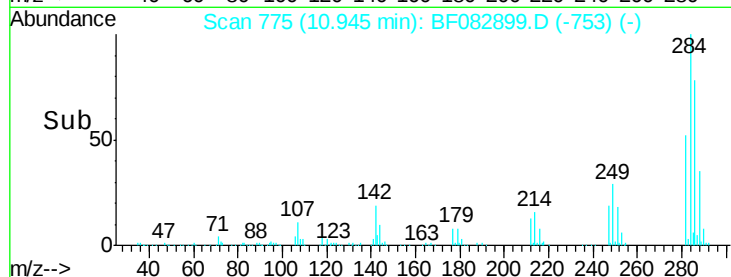
SB-3-4-6FTMS



Tgt Ion:	284	Resp:	283834
Ion Ratio	Lower	Upper	
284	100		
142	19.1	47.9	71.9#
249	29.2	29.7	44.5#

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#68

Atrazine

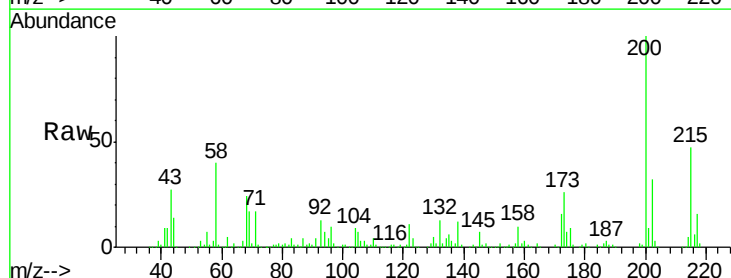
Concen: 27.56 ng

RT: 11.04 min Scan# 783

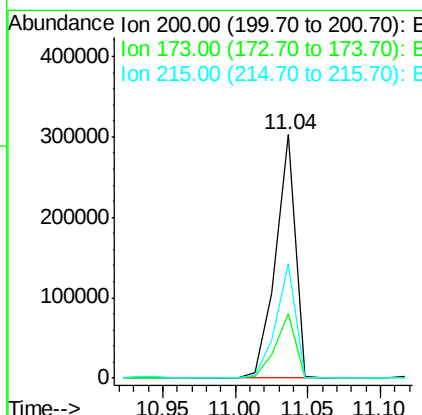
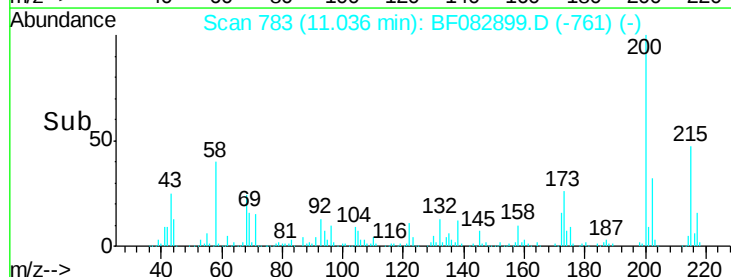
Delta R.T. -0.05 min

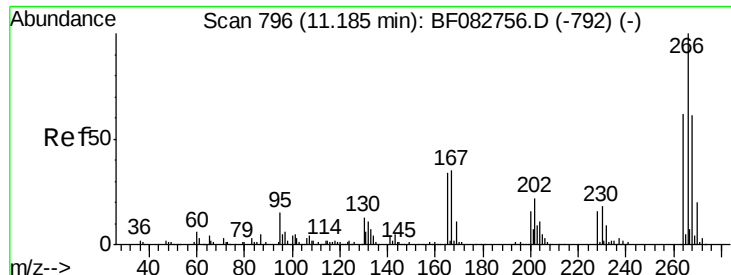
Lab File: BF082899.D

Acq: 13 Nov 2015 16:04



Tgt Ion:	200	Resp:	286606
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.9	46.9
215	47.1	22.9	62.9





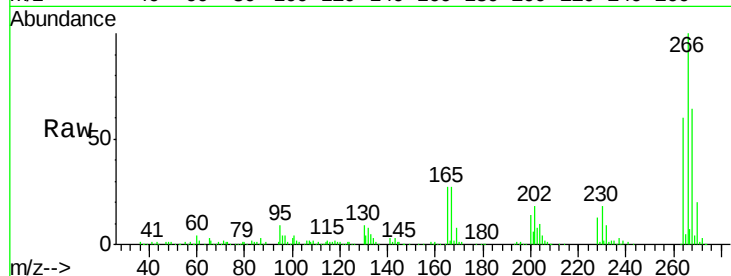
#69
 Pentachlorophenol
 Concen: 42.34 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

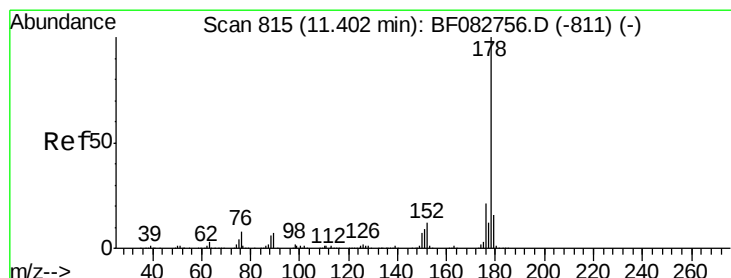
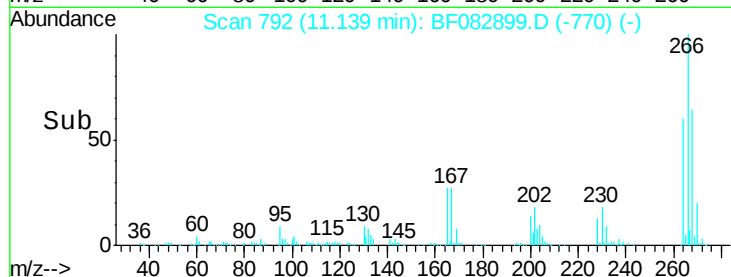
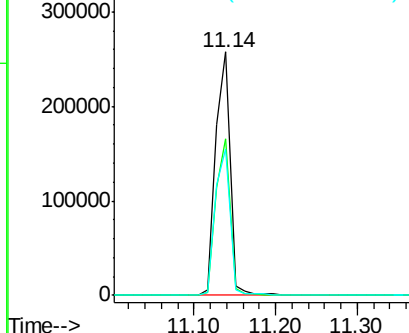
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	321771		
268	64.4	51.0	76.6	
264	60.3	50.6	75.8	

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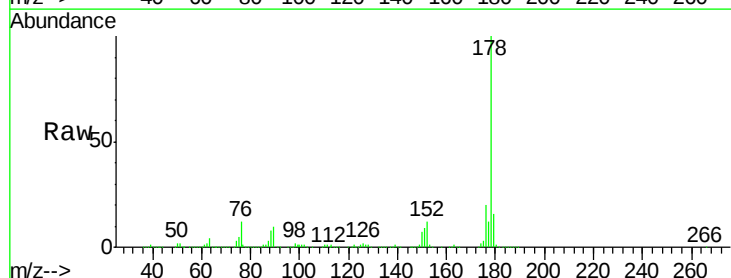


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

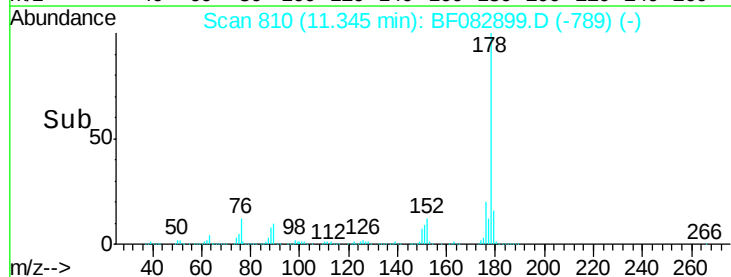
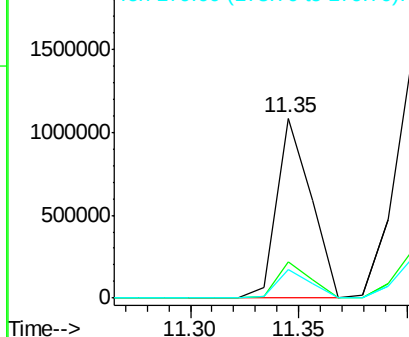


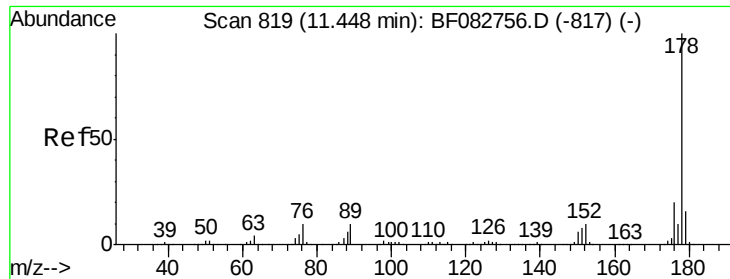
#70
 Phenanthrene
 Concen: 22.08 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1193685		
176	20.1	17.0	25.4	
179	16.1	13.4	20.0	



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





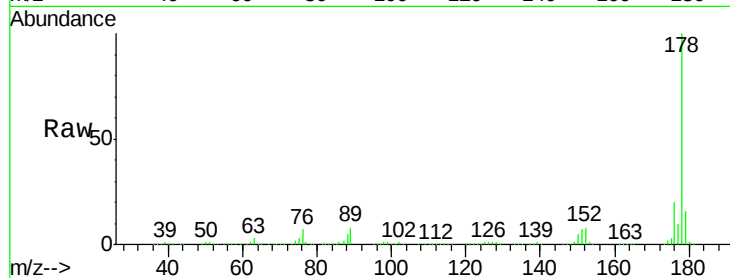
#71
 Anthracene
 Concen: 23.93 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

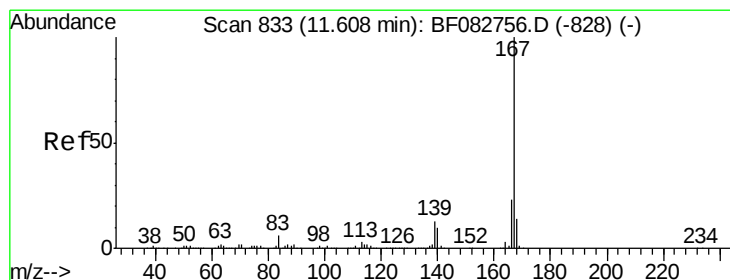
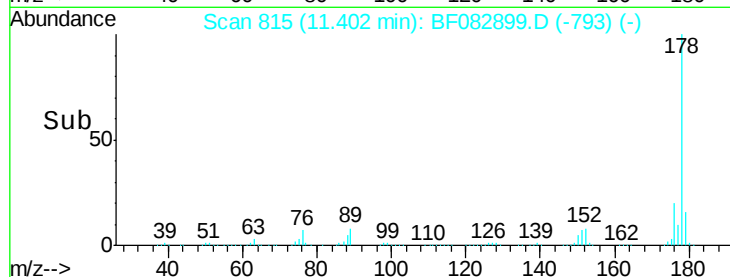
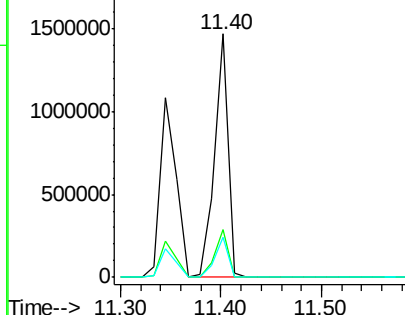
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	16.2	13.2	19.8

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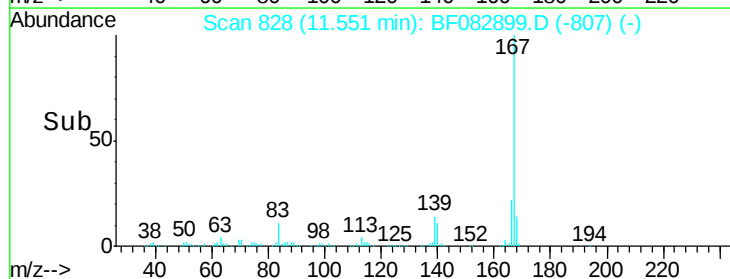
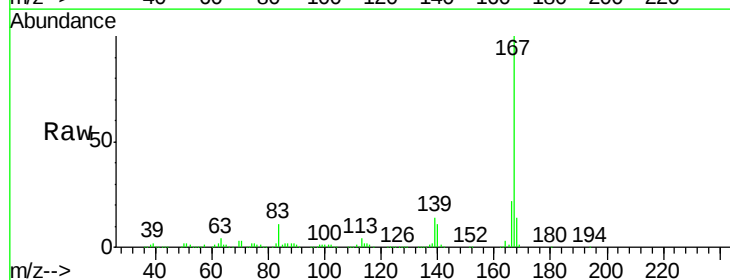
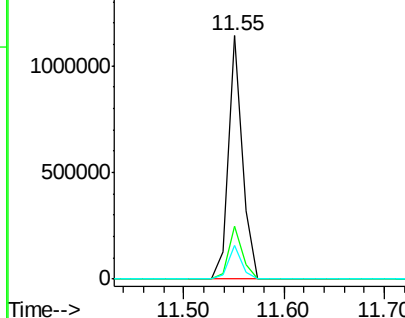
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

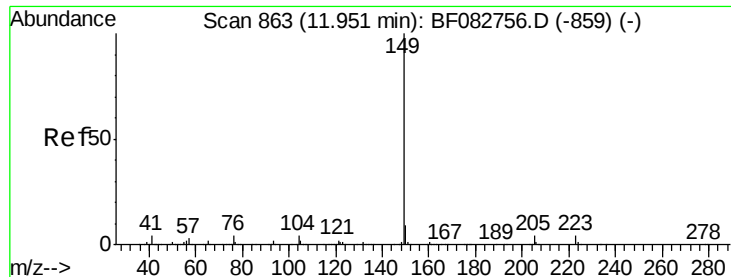


#72
 Carbazole
 Concen: 22.07 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.7	28.1
139	13.8	11.8	17.6

Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 22.14 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:149 Resp: 1374828

Ion Ratio Lower Upper

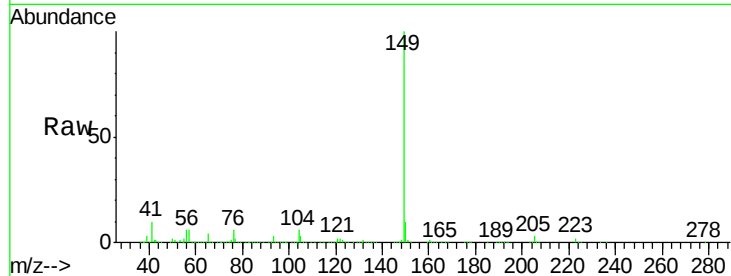
149 100

150 9.7 8.1 12.1

104 5.6 5.2 7.8

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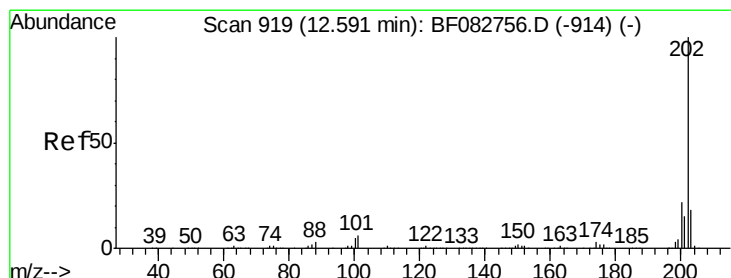
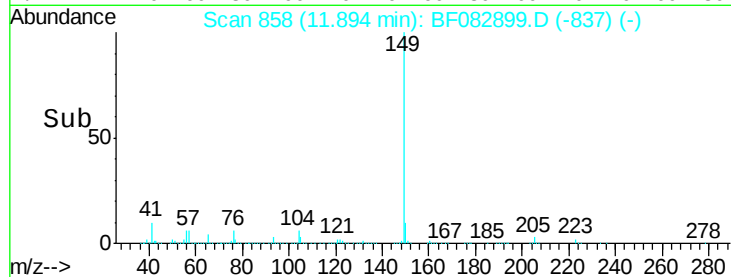
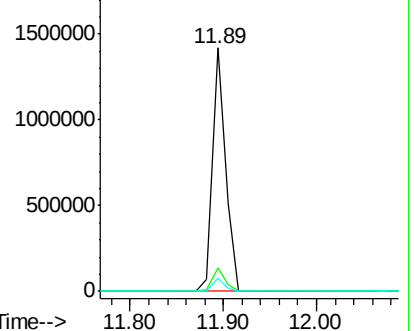
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.01 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

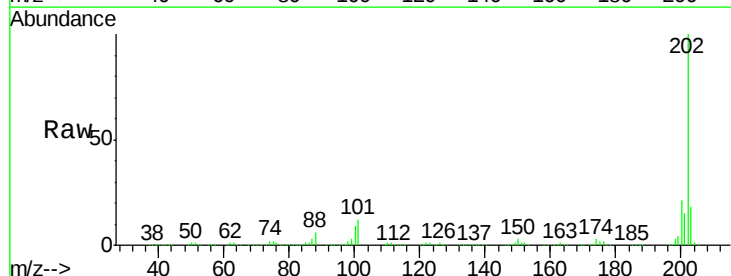
Tgt Ion:202 Resp: 1334547

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.5

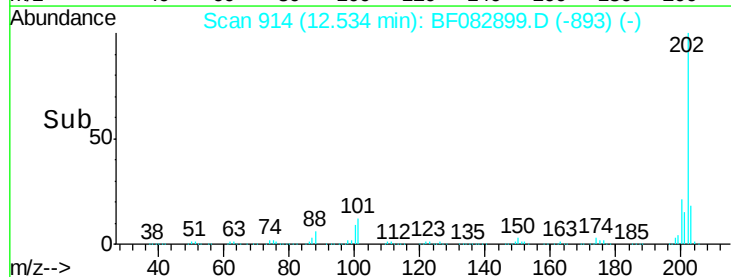
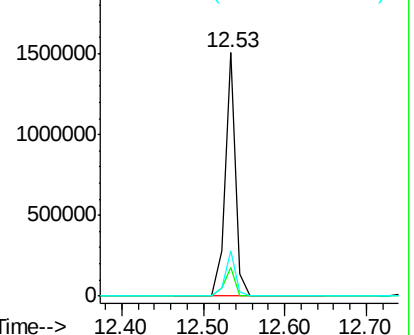
203 18.4 0.0 38.5

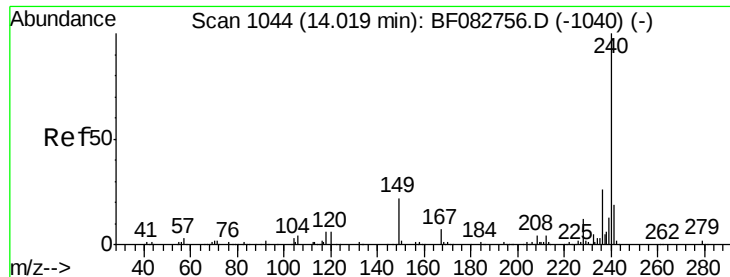


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

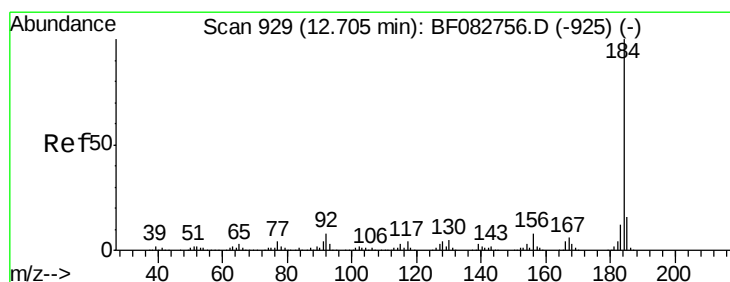
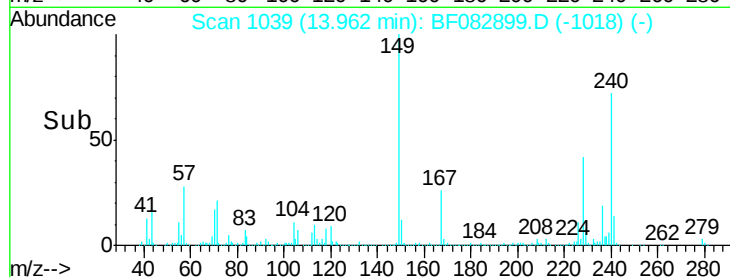
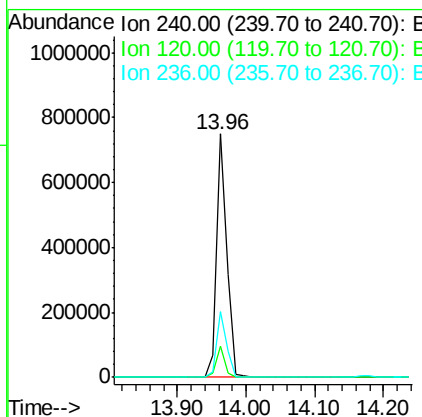
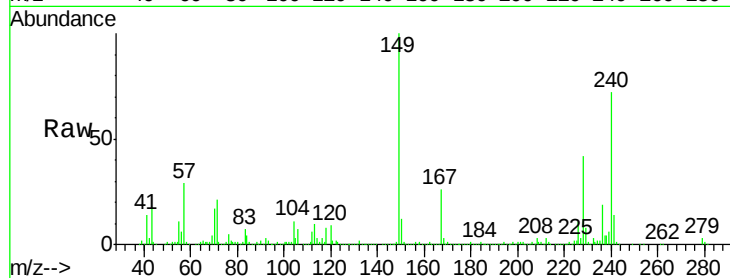
ClientSampleId :

SB-3-4-6FTMS

Tgt Ion:	240	Resp:	795137
Ion Ratio		Lower	Upper
240	100		
120	12.9	10.9	16.3
236	26.9	21.6	32.4

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#76

Benzidine

Concen: 22.93 ng

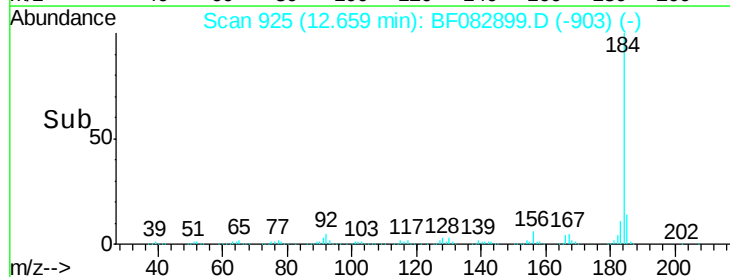
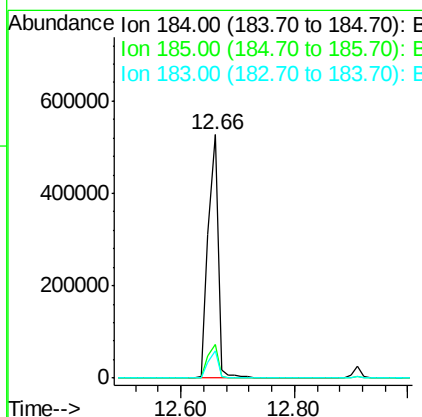
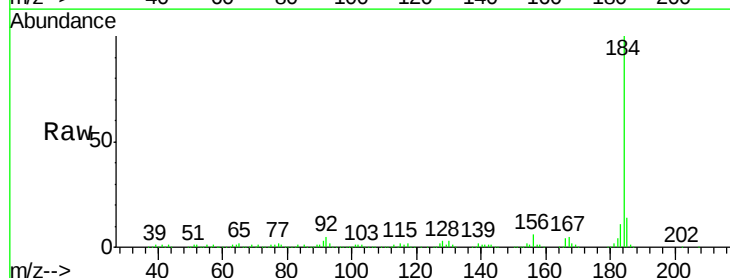
RT: 12.66 min Scan# 925

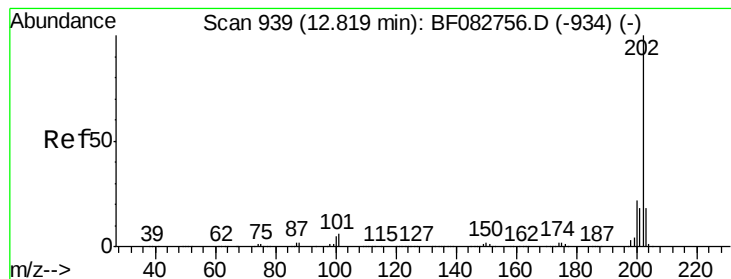
Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Tgt Ion:	184	Resp:	611066
Ion Ratio		Lower	Upper
184	100		
185	13.8	12.0	18.0
183	11.4	9.6	14.4





#77

Pyrene

Concen: 25.56 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS

Tgt Ion: 202 Resp: 1395764

Ion Ratio Lower Upper

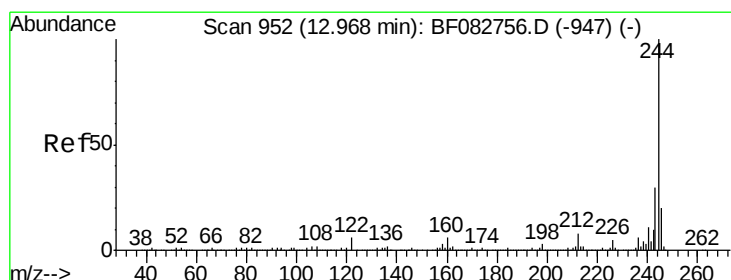
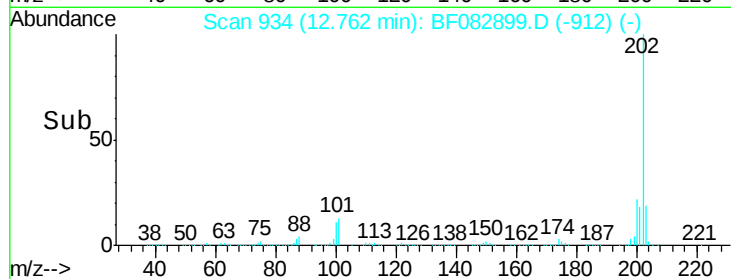
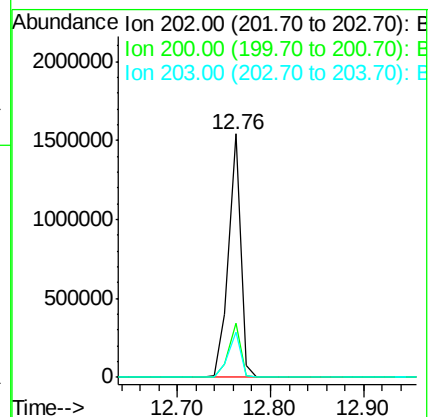
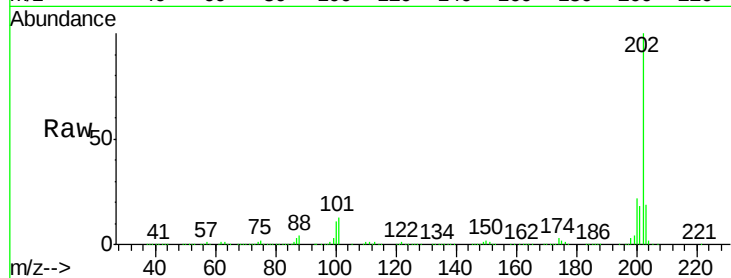
202 100

200 22.2 18.7 28.1

203 18.7 14.8 22.2

Manual Integrations
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#78

Terphenyl-d14

Concen: 45.86 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

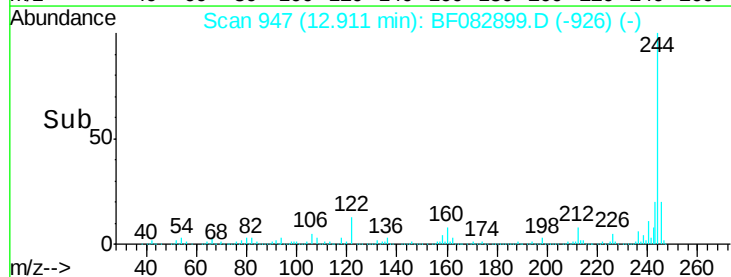
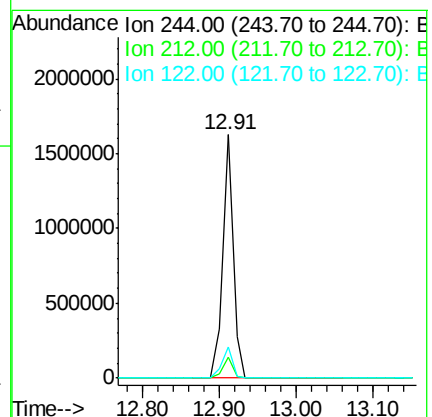
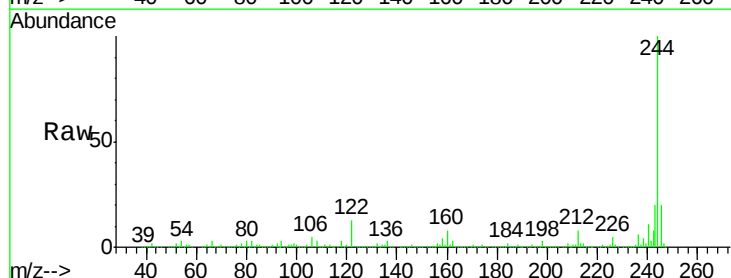
Tgt Ion: 244 Resp: 1537432

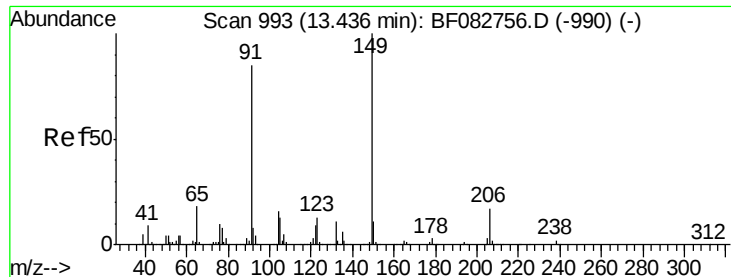
Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

122 12.7 11.3 16.9





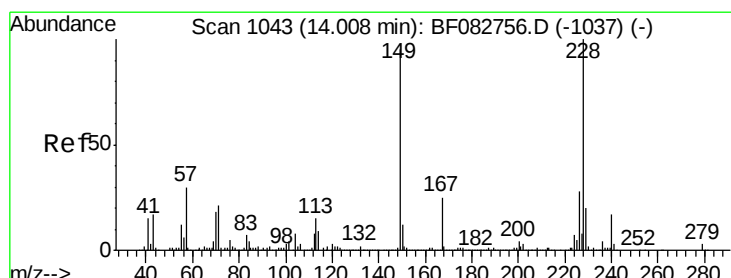
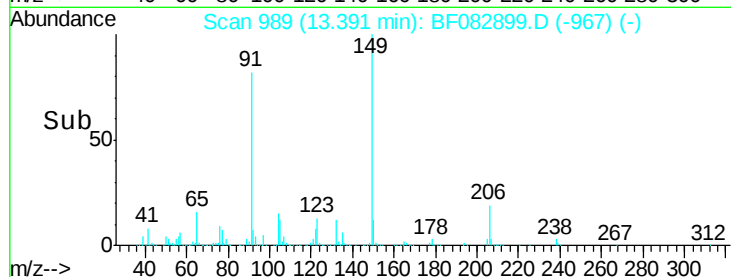
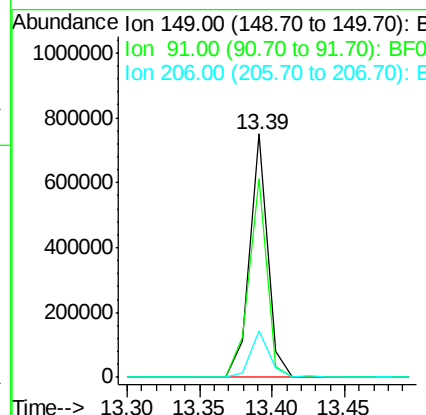
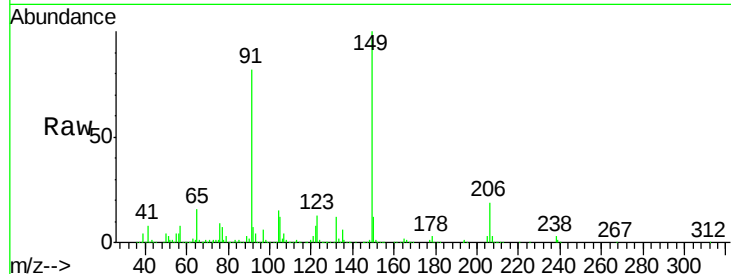
#79
Butylbenzylphthalate
Concen: 26.98 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	650773		
91	81.8	67.7	101.5	
206	19.0	14.6	22.0	

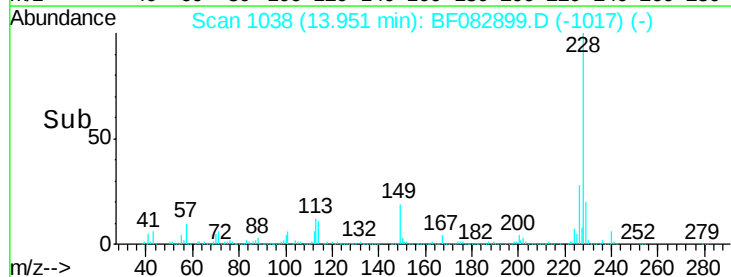
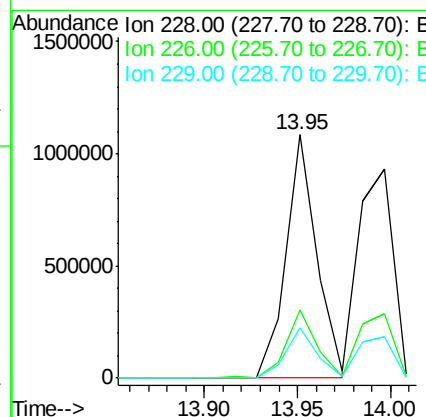
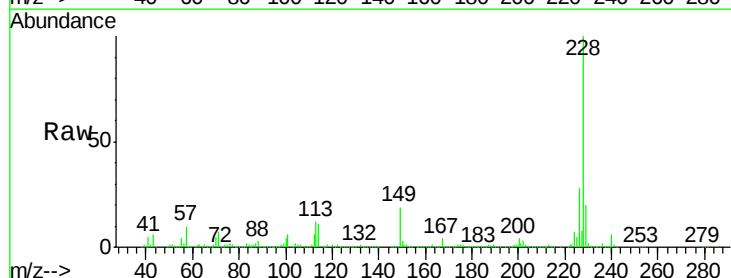
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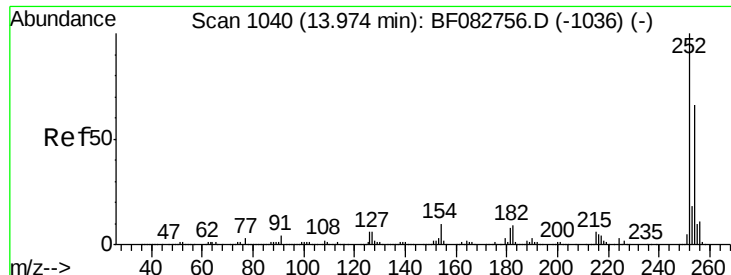
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 25.16 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1250918		
226	27.9	23.4	35.2	
229	20.4	16.3	24.5	





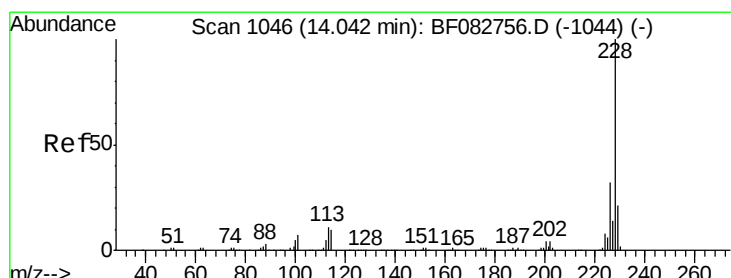
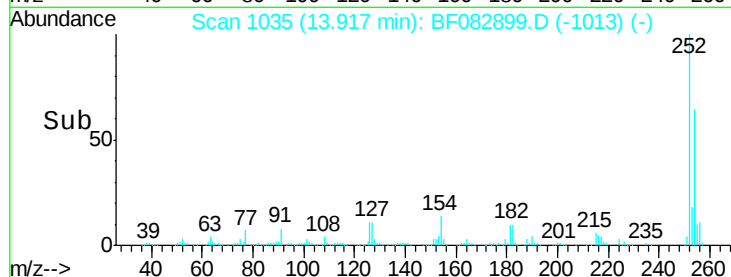
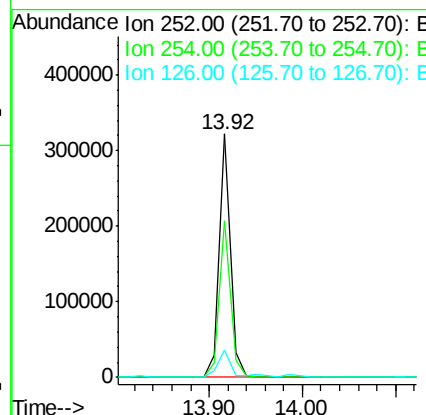
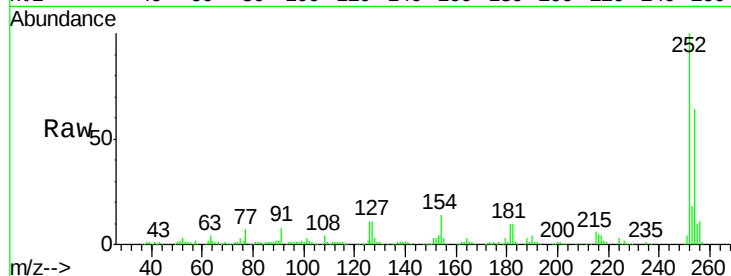
#81
 3,3'-Dichlorobenzidine
 Concen: 15.22 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	51.4	77.0
126	11.2	10.7	16.1

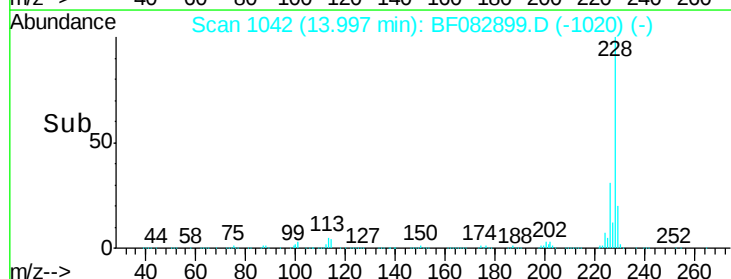
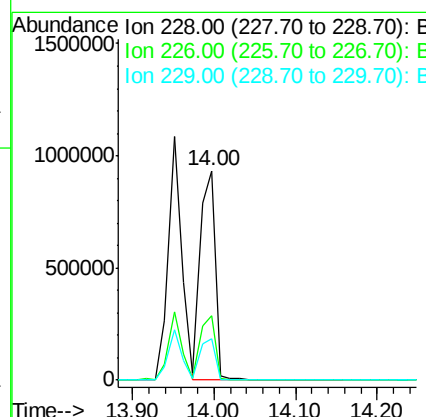
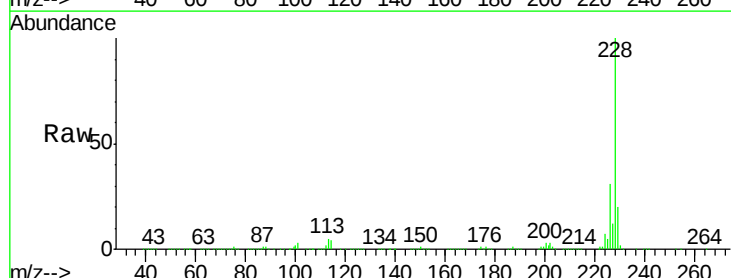
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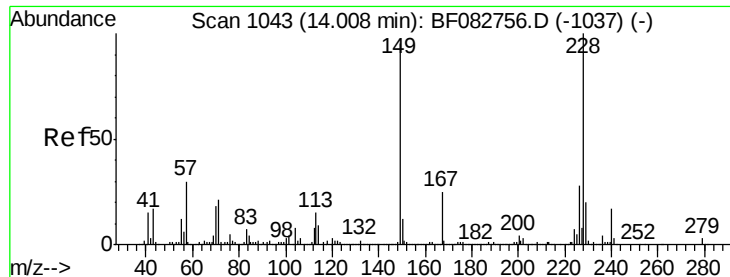
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#82
 Chrysene
 Concen: 26.54 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.5	38.3
229	20.0	16.3	24.5





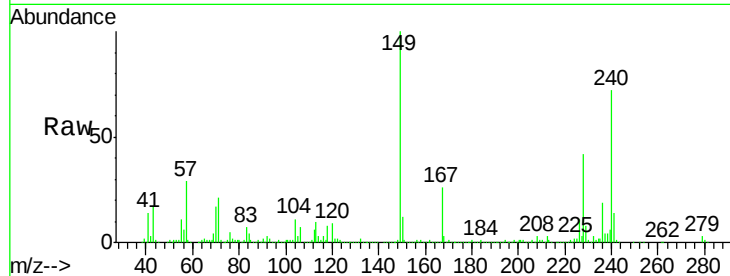
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.76 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

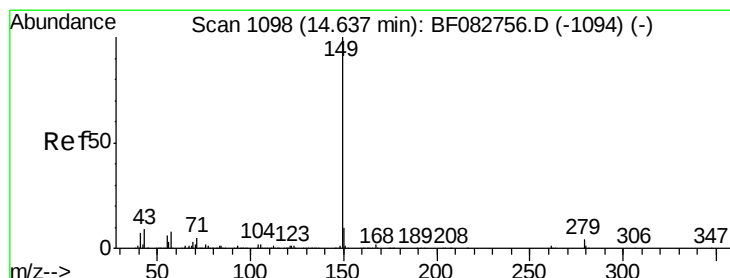
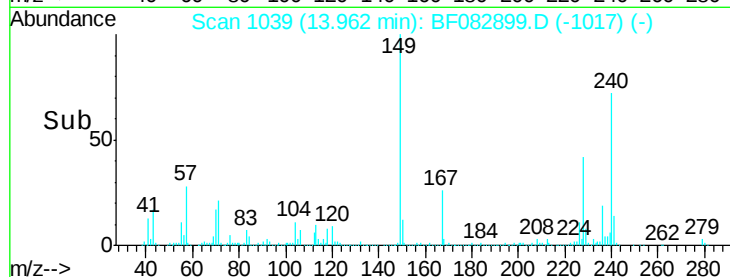
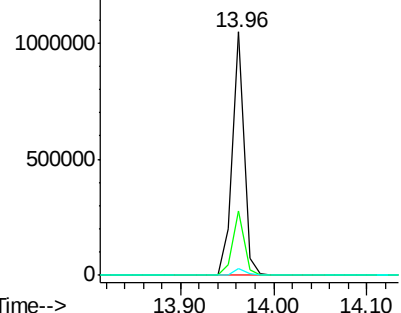
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	916466		
167	26.3	21.2	31.8	
279	3.0	2.2	3.2	

Manual Integrations
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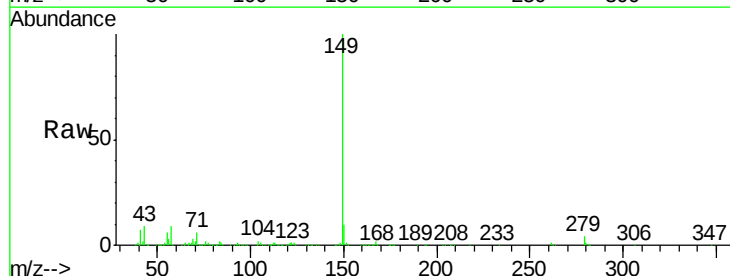


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

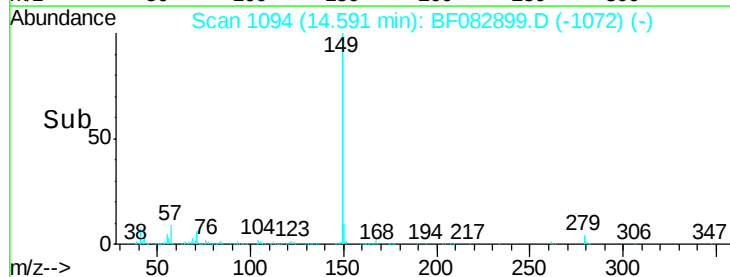
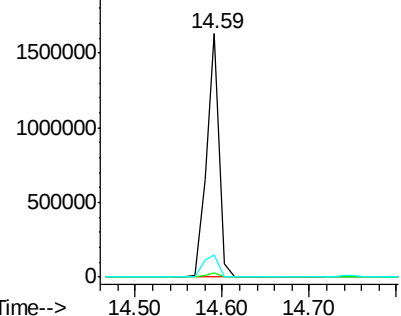


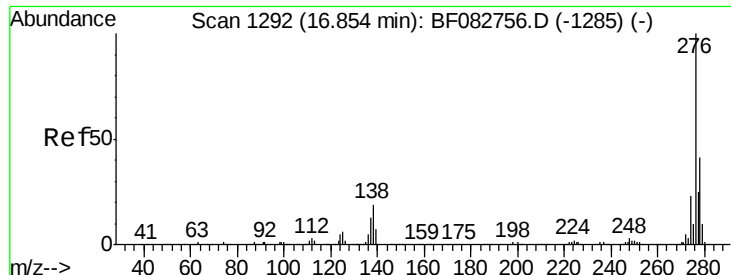
#84
 Di-n-octyl phthalate
 Concen: 29.82 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1642274		
167	1.6	1.3	1.9	
43	11.4	10.1	15.1	



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.47 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF082899.D

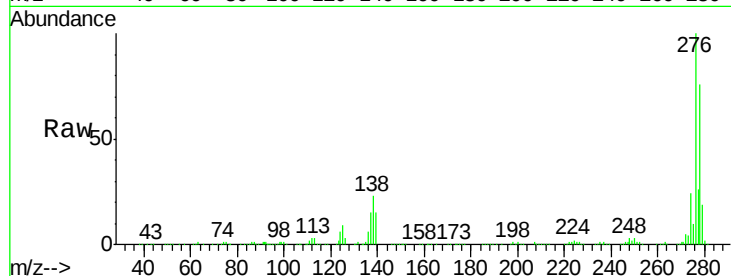
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS



Tgt Ion: 276 Resp: 1077400

Ion Ratio Lower Upper

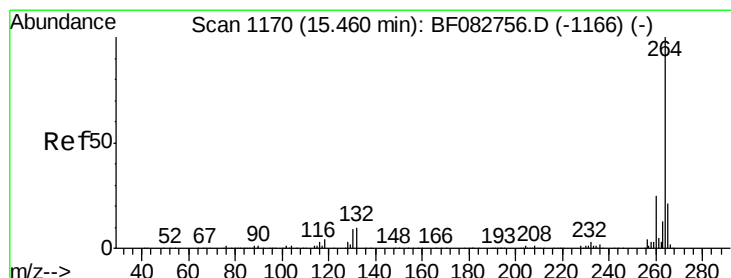
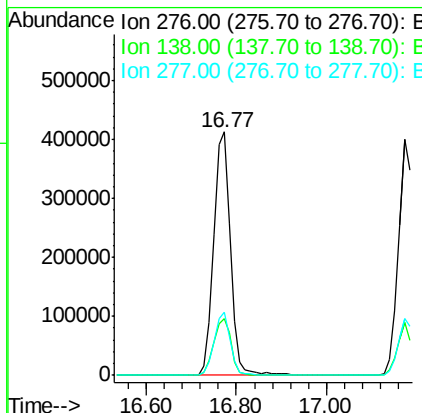
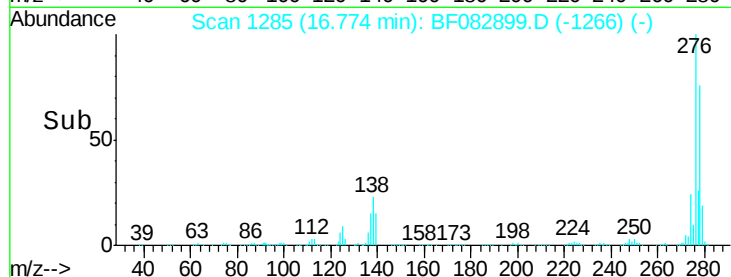
276 100

138 24.3 15.3 22.9#

277 25.1 20.2 30.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

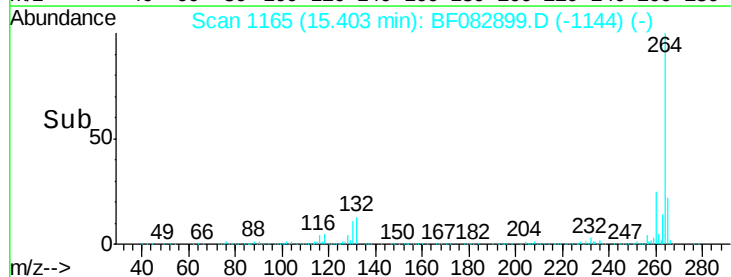
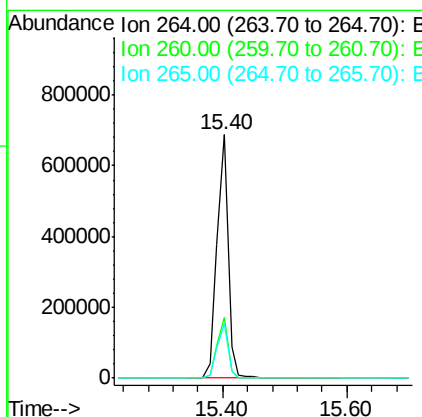
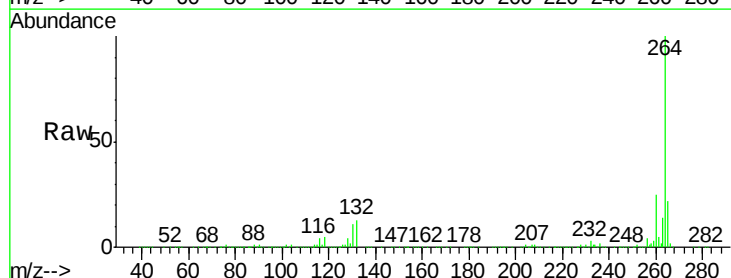
Tgt Ion: 264 Resp: 839632

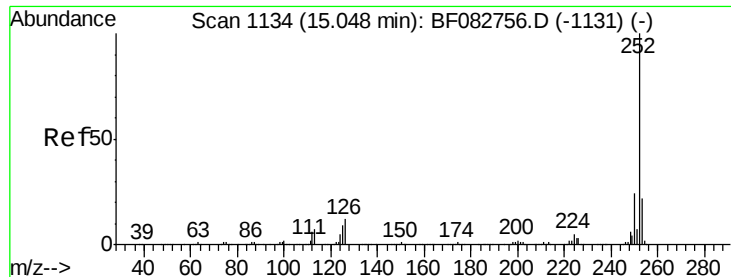
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 24.35 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF082899.D

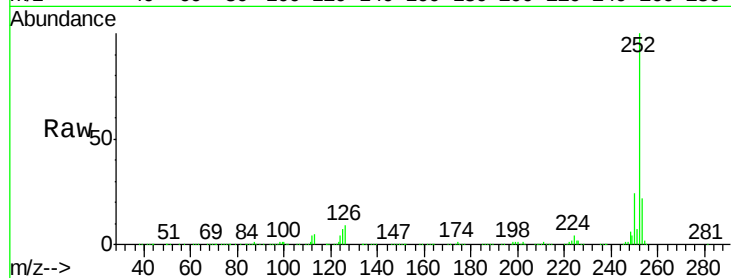
Acq: 13 Nov 2015 16:04

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMS



Tgt Ion:252 Resp: 1312355

Ion Ratio Lower Upper

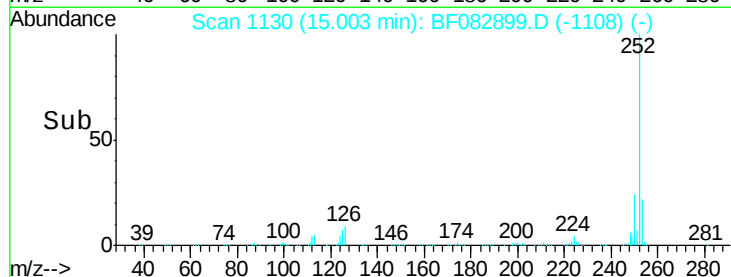
252 100

253 22.4 17.8 26.8

125 7.2 5.4 8.2

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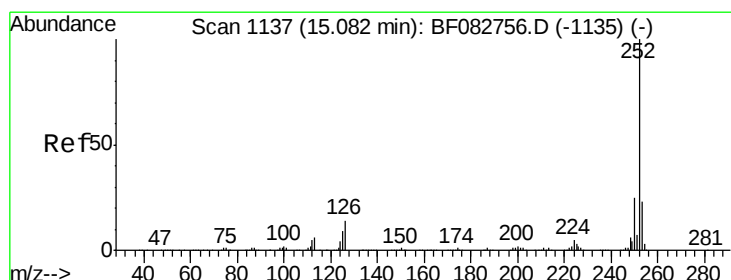
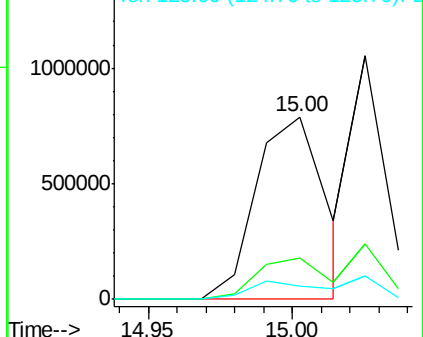
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 19.01 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082899.D

Acq: 13 Nov 2015 16:04

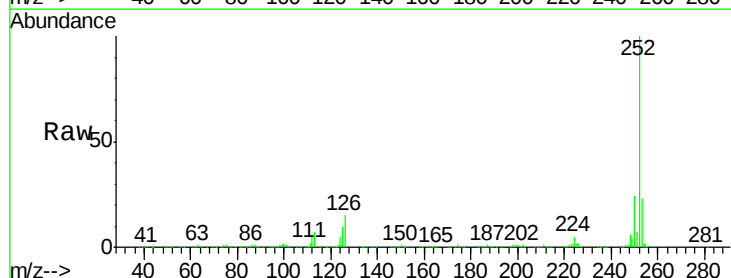
Tgt Ion:252 Resp: 909045

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

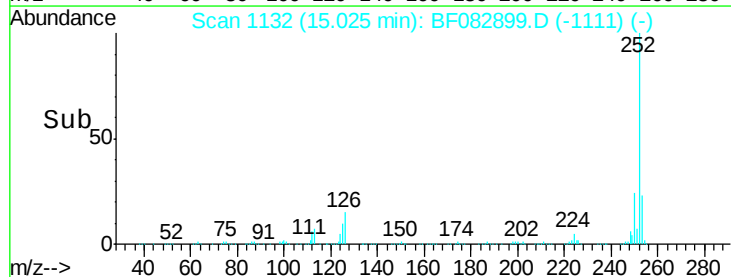
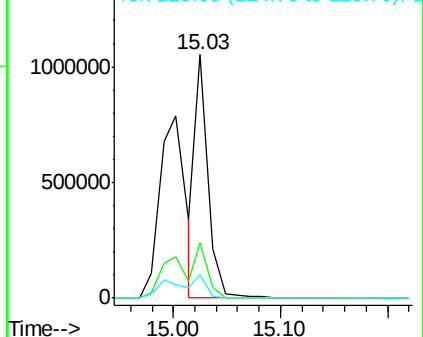
125 9.7 3.5 5.3#

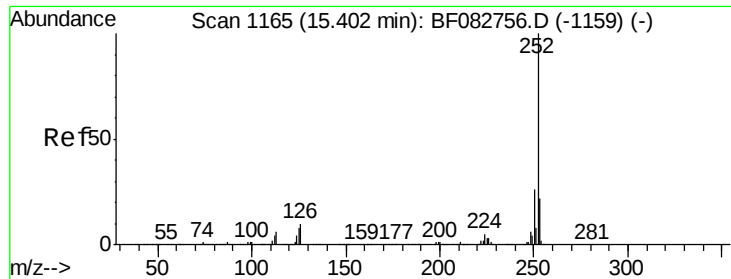


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





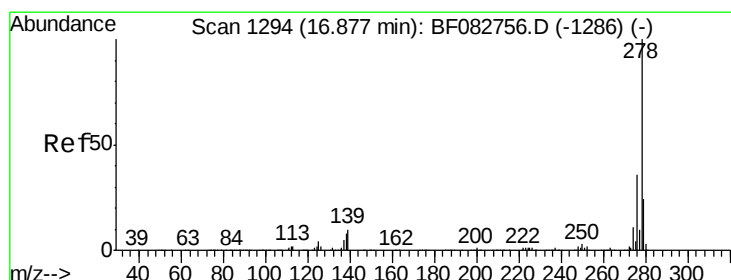
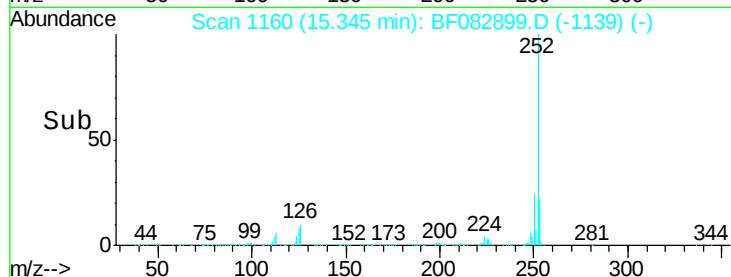
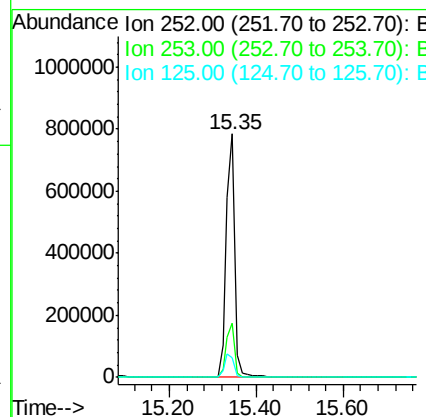
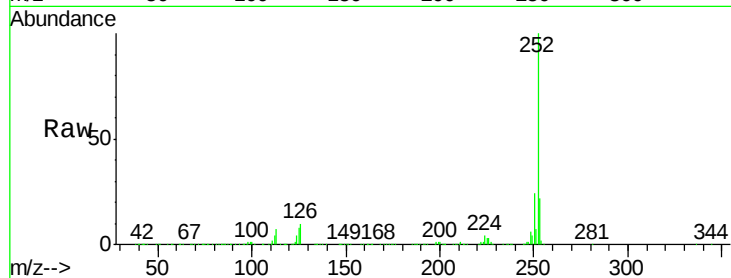
#89
Benzo(a)pyrene
Concen: 23.37 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMS

Tgt Ion: 252 Resp: 1091361
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.2 7.1 10.7

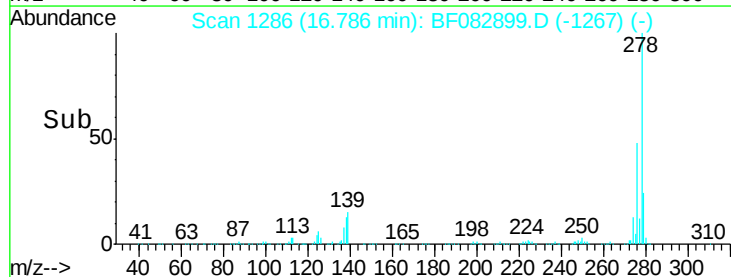
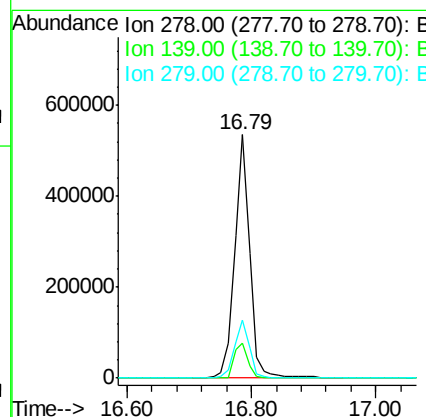
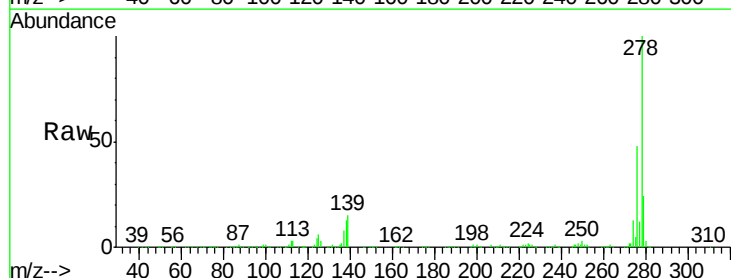
Manual Integrations
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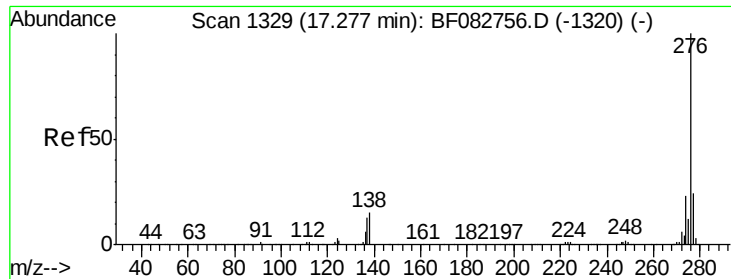
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#90
Dibenzo(a,h)anthracene
Concen: 22.88 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF082899.D
Acq: 13 Nov 2015 16:04

Tgt Ion: 278 Resp: 904540
Ion Ratio Lower Upper
278 100
139 14.5 9.9 14.9
279 24.1 19.6 29.4





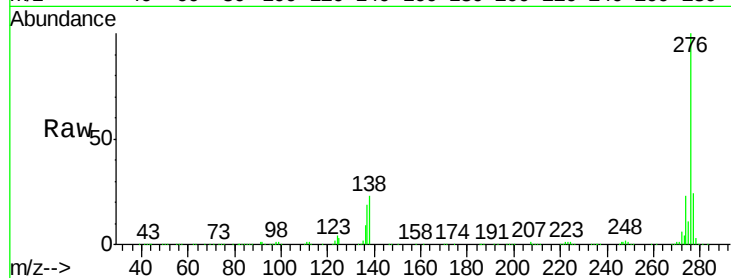
#91
 Benzo(g,h,i)perylene
 Concen: 23.14 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. -0.09 min
 Lab File: BF082899.D
 Acq: 13 Nov 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	19.2	28.8
138	22.6	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:43:59 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

