

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085275.D
 Acq On : 9 Mar 2016 00:28
 Operator : UM/SJ
 Sample : H1684-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Manual Integrations
 APPROVED

UMANGI
 3/9/2016 3:26:49 PM

Quant Time: Mar 09 13:19:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	145947	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	607565	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	273053	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	517134	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	332614	20.00	ng	-0.02
86) Perylene-d12	15.59	264	223415	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1079172	124.03	ng	0.00
7) Phenol-d6	6.60	99	1452301	127.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1087639	95.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	397613	170.18	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1711820	95.34	ng	-0.02
78) Terphenyl-d14	13.08	244	1580313	110.29	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	180546	40.58	ng	# 85
3) Pyridine	3.53	79	309519	27.79	ng	97
4) n-Nitrosodimethylamine	3.46	42	219677	46.09	ng	97
6) Aniline	6.63	93	172545	10.80	ng	95
8) 2-Chlorophenol	6.74	128	486865	46.48	ng	91
9) Benzaldehyde	6.50	77	56689	7.32	ng	97
10) Phenol	6.61	94	601879m	49.30	ng	
11) bis(2-Chloroethyl)ether	6.70	93	487847	48.11	ng	96
12) 1,3-Dichlorobenzene	6.90	146	515186m	45.81	ng	
13) 1,4-Dichlorobenzene	6.98	146	514994m	45.69	ng	
14) 1,2-Dichlorobenzene	7.13	146	490657	47.98	ng	99
15) Benzyl Alcohol	7.10	79	408754	48.85	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	635926	43.51	ng	99
17) 2-Methylphenol	7.21	107	428060	50.08	ng	98
18) Hexachloroethane	7.48	117	190264	45.76	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	345547	46.51	ng	# 90
20) 3+4-Methylphenols	7.36	107	492867	48.68	ng	96
22) Acetophenone	7.37	105	655554	44.21	ng	# 99
24) Nitrobenzene	7.54	77	533352	46.24	ng	99
25) Isophorone	7.78	82	991865	47.14	ng	98
26) 2-Nitrophenol	7.86	139	303557	54.08	ng	# 91
27) 2,4-Dimethylphenol	7.90	122	525466	51.23	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	608401	51.92	ng	100
29) 2,4-Dichlorophenol	8.10	162	458603	55.44	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	435322	48.67	ng	100
31) Naphthalene	8.28	128	2201524	73.69	ng	99
32) Benzoic acid	8.01	122	314659	46.18	ng	98
33) 4-Chloroaniline	8.32	127	32605	2.70	ng	94
34) Hexachlorobutadiene	8.39	225	235226	50.54	ng	99
35) Caprolactam	8.69	113	115006m	42.57	ng	
36) 4-Chloro-3-methylphenol	8.79	107	467340	49.80	ng	97
37) 2-Methylnaphthalene	8.96	142	1046021	54.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393818	50.43	ng	98
40) Hexachlorocyclopentadiene	9.12	237	454558	107.93	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	297063	51.10	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	290866	52.77	ng	99
45) 1,1'-Biphenyl	9.43	154	1184552	50.78	ng	94
46) 2-Chloronaphthalene	9.45	162	908018	51.06	ng	95
47) 2-Nitroaniline	9.54	65	279993	50.81	ng	# 85
48) Acenaphthylene	9.86	152	1307905	47.26	ng	99
49) Dimethylphthalate	9.73	163	1013301	48.35	ng	99
50) 2,6-Dinitrotoluene	9.78	165	210416	46.93	ng	# 86
51) Acenaphthene	10.04	154	949827	56.52	ng	99
52) 3-Nitroaniline	9.96	138	36895	6.88	ng	92
53) 2,4-Dinitrophenol	10.06	184	238264	102.24	ng	# 55
54) Dibenzofuran	10.21	168	1171150	53.20	ng	98
55) 4-Nitrophenol	10.12	139	392232	93.04	ng	89
56) 2,4-Dinitrotoluene	10.20	165	326351	56.88	ng	# 68
57) Fluorene	10.55	166	887422	51.32	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	222640	57.50	ng	96
59) Diethylphthalate	10.42	149	994889	48.92	ng	96
60) 4-Chlorophenyl-phenylether	10.54	204	426948	50.74	ng	90
61) 4-Nitroaniline	10.57	138	205154	40.89	ng	84
62) Azobenzene	10.70	77	1089563	54.38	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	163961	52.95	ng	# 72
65) n-Nitrosodiphenylamine	10.66	169	800797	49.79	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	261386	52.05	ng	# 89
67) Hexachlorobenzene	11.10	284	271487	50.68	ng	# 83
68) Atrazine	11.19	200	165321	36.96	ng	91
69) Pentachlorophenol	11.29	266	344754	115.94	ng	99
70) Phenanthrene	11.51	178	1405643	51.87	ng	99
71) Anthracene	11.57	178	1452399	50.48	ng	99
72) Carbazole	11.72	167	1011885	40.11	ng	99
73) Di-n-butylphthalate	12.05	149	1502216	47.11	ng	99
74) Fluoranthene	12.70	202	1207141	44.38	ng	97
76) Benzidine	12.83	184	61828	6.25	ng	98
77) Pyrene	12.93	202	1216720	48.60	ng	99
79) Butylbenzylphthalate	13.55	149	621746	54.73	ng	# 80
80) Benzo(a)anthracene	14.12	228	981330	49.28	ng	98
81) 3,3'-Dichlorobenzidine	14.07	252	39169	6.24	ng	98
82) Chrysene	14.15	228	906226	49.27	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	793326	53.07	ng	# 96
84) Di-n-octyl phthalate	14.71	149	1220023	53.59	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	851766	59.34	ng	98
87) Benzo(b)fluoranthene	15.16	252	940213	63.14	ng	99
88) Benzo(k)fluoranthene	15.19	252	596660m	49.67	ng	
89) Benzo(a)pyrene	15.52	252	717711	58.16	ng	# 93
90) Dibenzo(a,h)anthracene	17.08	278	727578	69.07	ng	96
91) Benzo(g,h,i)perylene	17.50	276	705016	66.56	ng	99

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

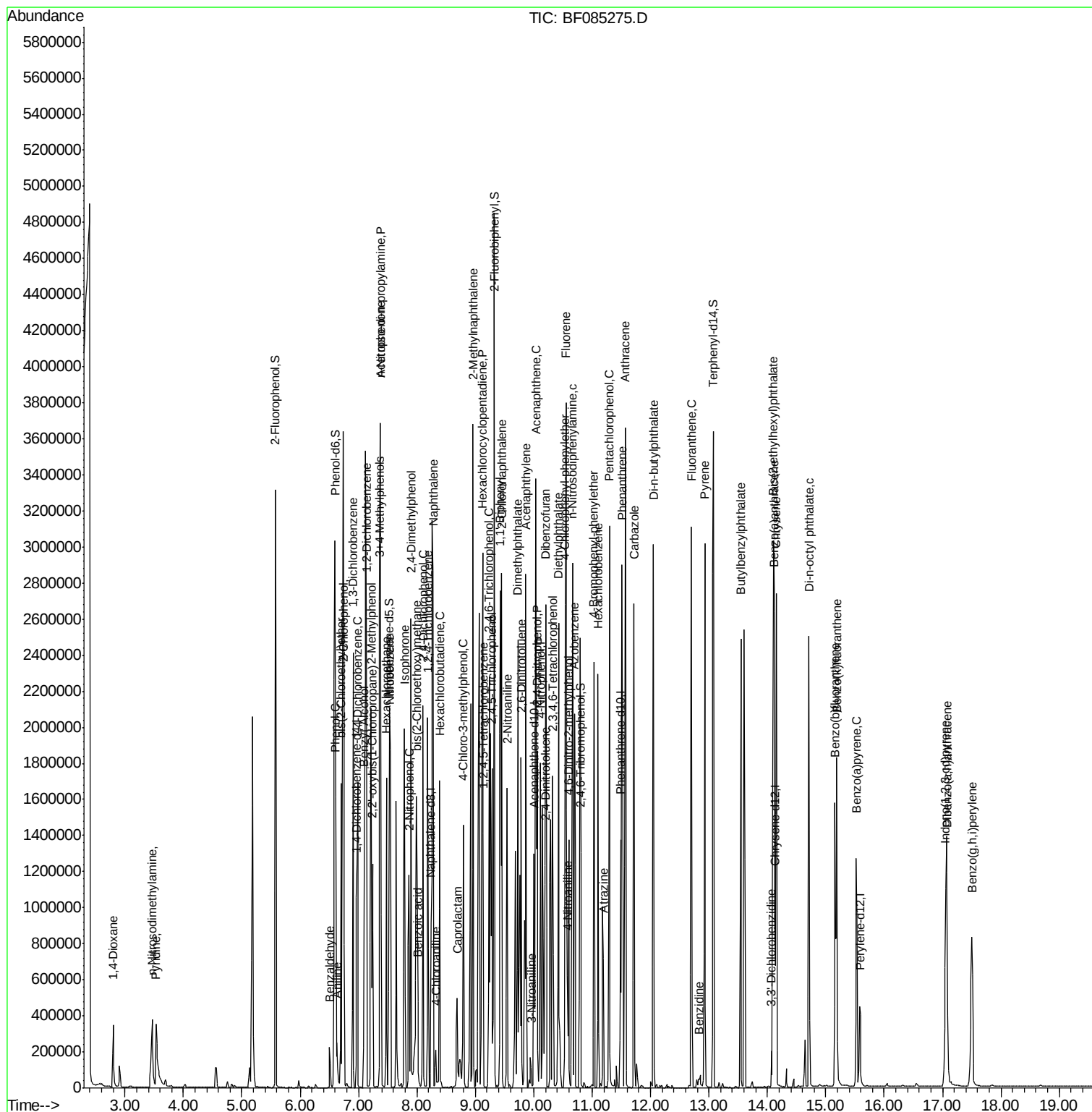
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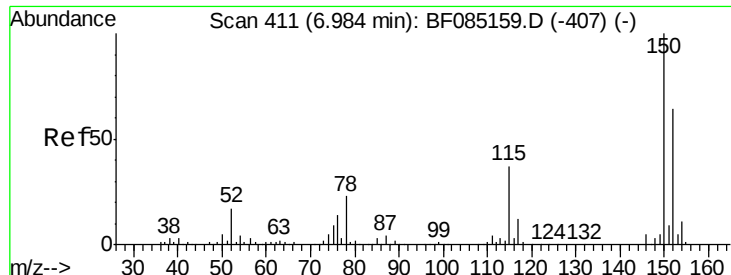
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

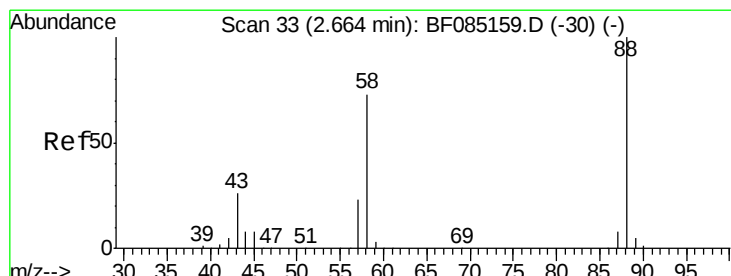
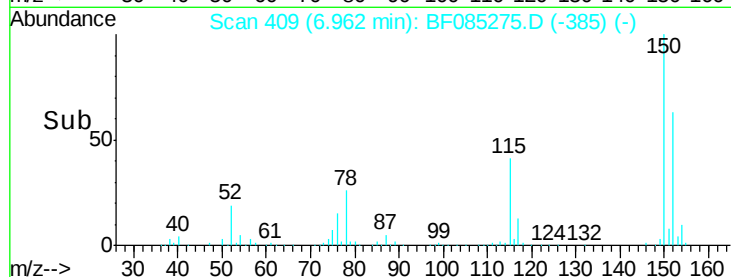
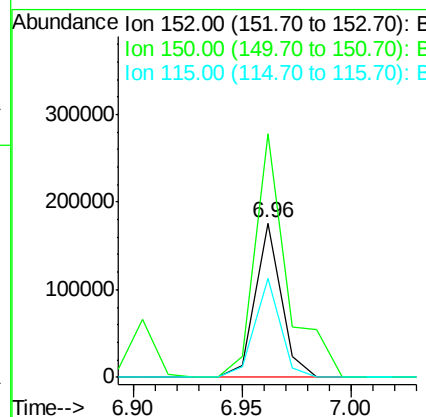
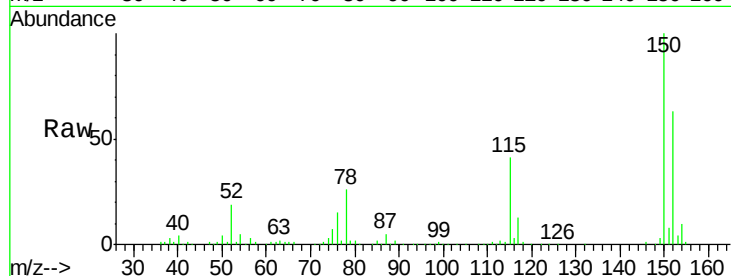
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	152	Resp:	145947
Ion Ratio	Lower	Upper	
152	100		
150	158.1	124.6	186.8
115	64.0	46.6	70.0

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#2

1,4-Dioxane

Concen: 40.58 ng

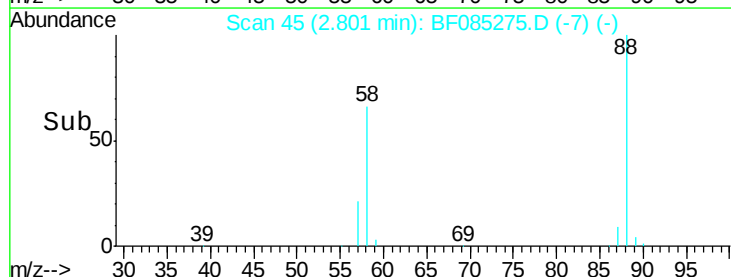
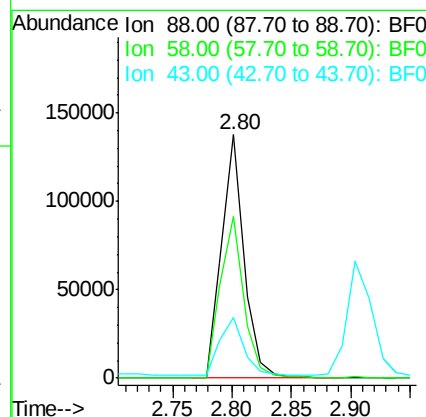
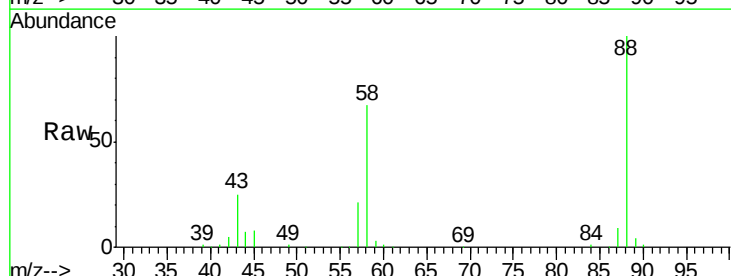
RT: 2.80 min Scan# 45

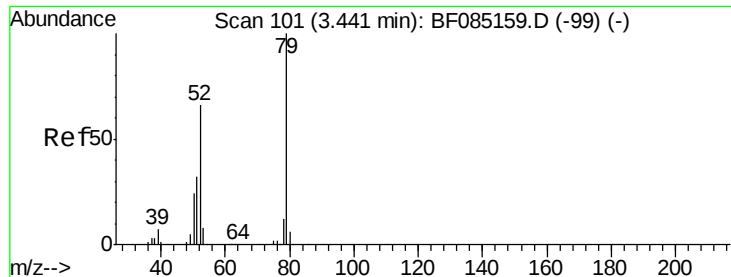
Delta R.T. 0.14 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	88	Resp:	180546
Ion Ratio	Lower	Upper	
88	100		
58	69.7	57.0	85.6
43	0.0	20.5	30.7#





#3

Pyridine

Concen: 27.79 ng

RT: 3.53 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

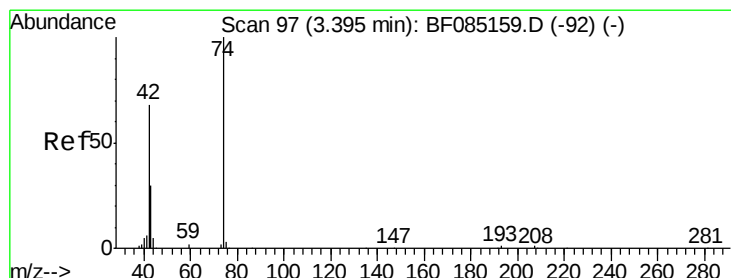
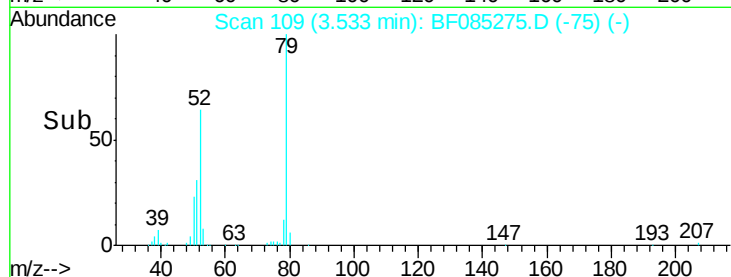
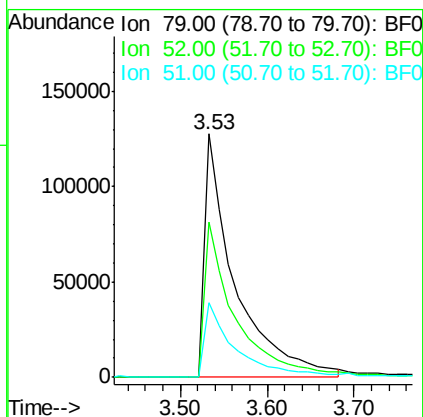
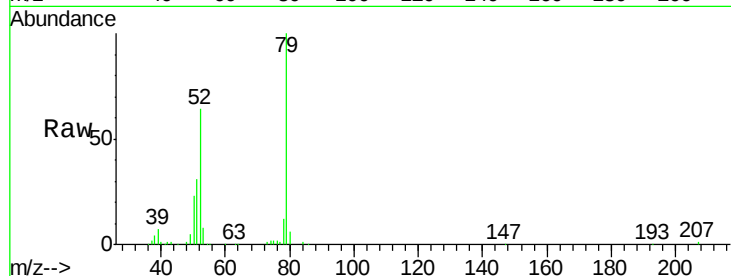
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	79	Resp:	309519
Ion	Ratio	Lower	Upper
79	100		
52	63.9	52.6	79.0
51	30.6	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 46.09 ng

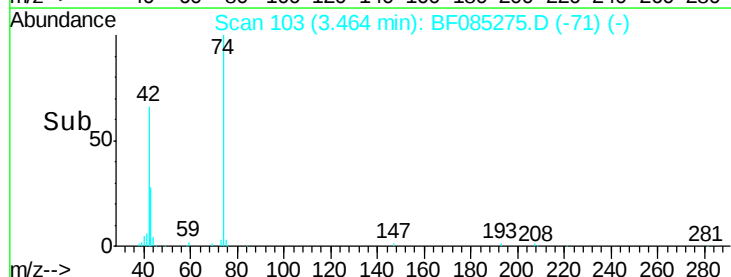
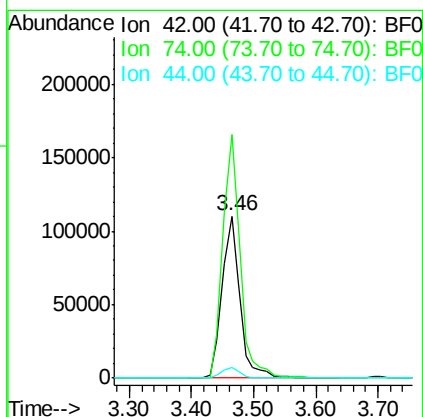
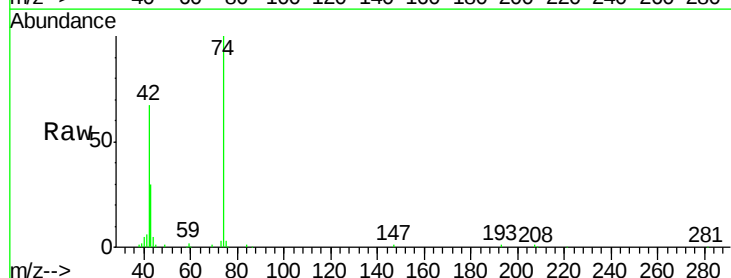
RT: 3.46 min Scan# 103

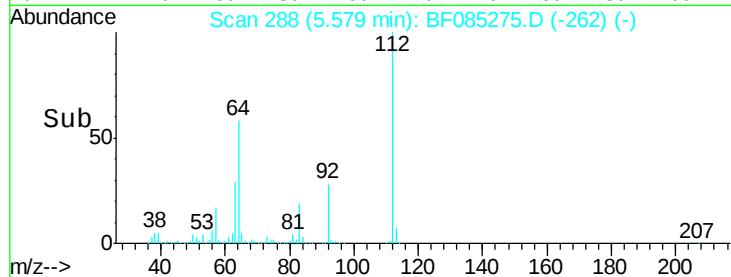
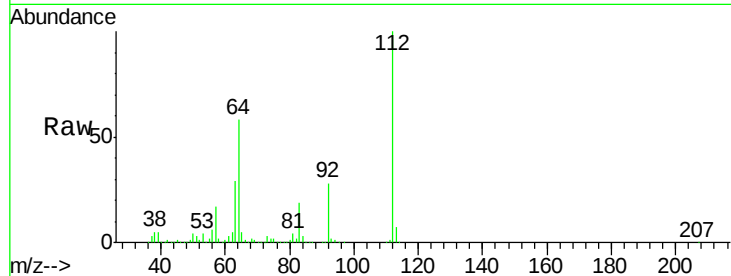
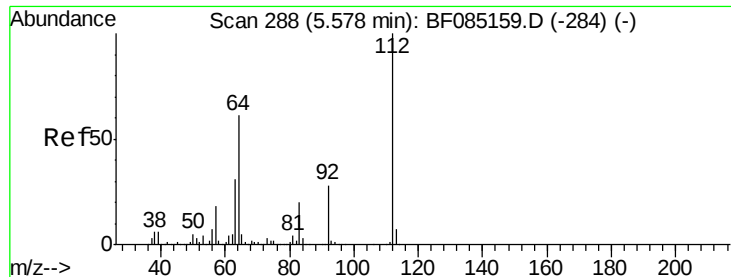
Delta R.T. 0.07 min

Lab File: BF085275.D

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Tgt Ion:	42	Resp:	219677
Ion	Ratio	Lower	Upper
42	100		
74	150.2	116.8	175.2
44	6.9	5.5	8.3





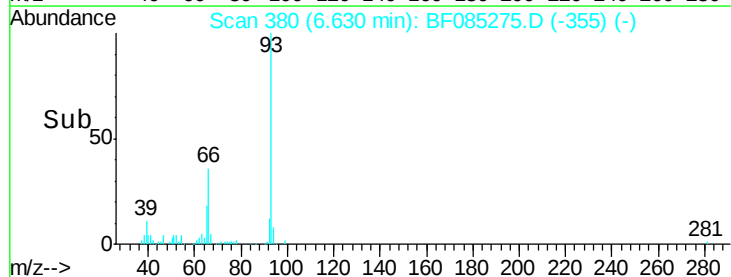
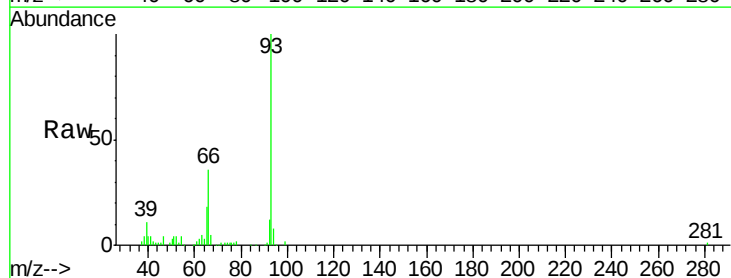
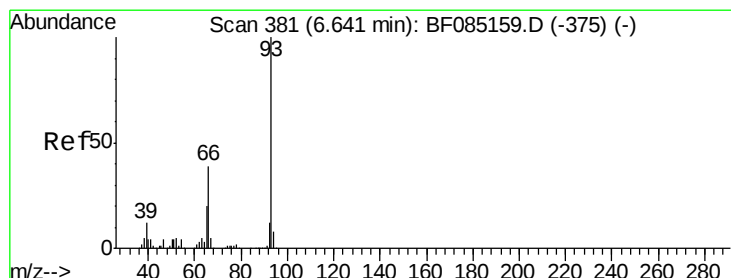
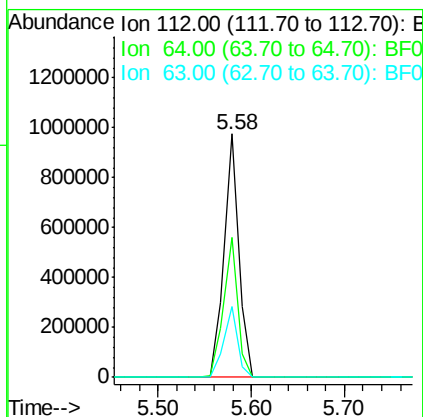
#5
2-Fluorophenol
Concen: 124.03 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion: 112 Resp: 1079172
Ion Ratio Lower Upper
112 100
64 57.7 49.0 73.4
63 29.2 24.8 37.2

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48-BRIDGE-GRID-1MSD

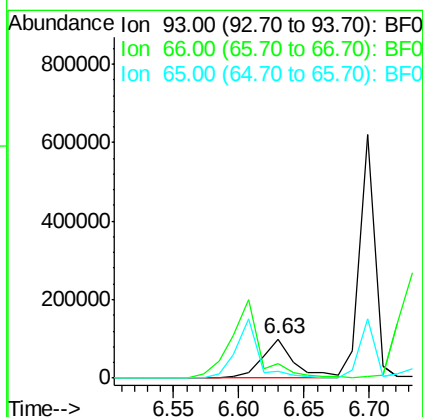
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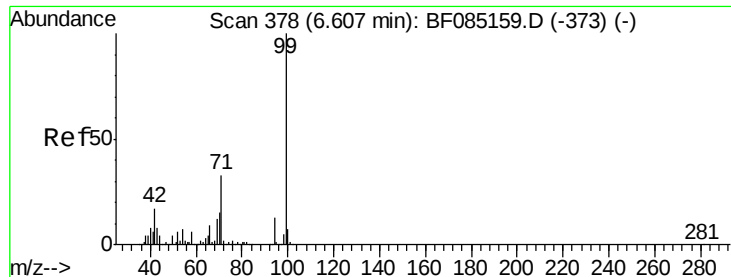
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#6
Aniline
Concen: 10.80 ng
RT: 6.63 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion: 93 Resp: 172545
Ion Ratio Lower Upper
93 100
66 36.2 31.6 47.4
65 18.3 15.8 23.8





#7

Phenol-d6

Concen: 127.40 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion: 99 Resp: 1452301

Ion Ratio Lower Upper

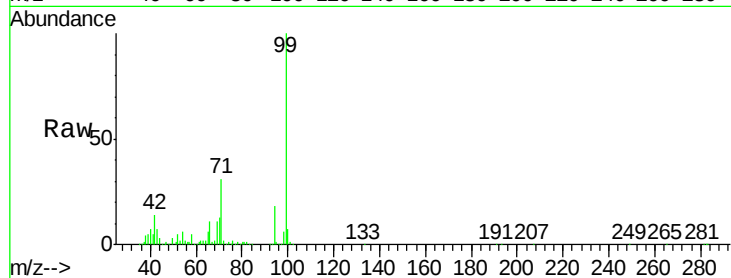
99 100

42 13.8 13.6 20.4

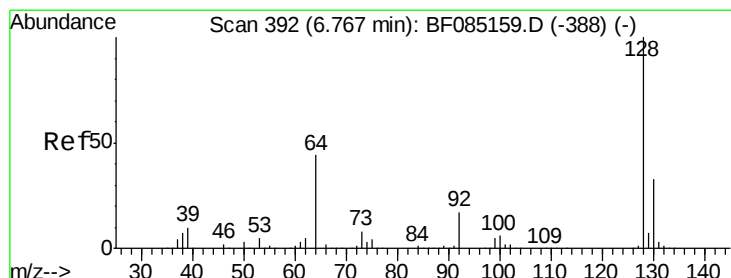
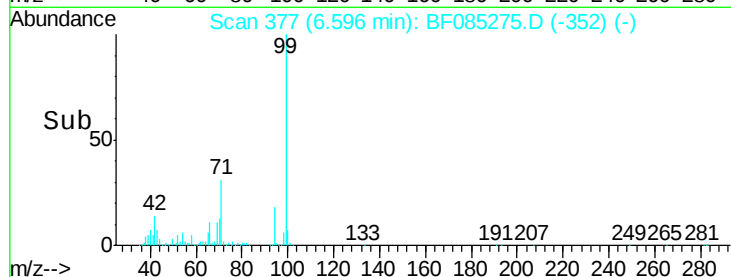
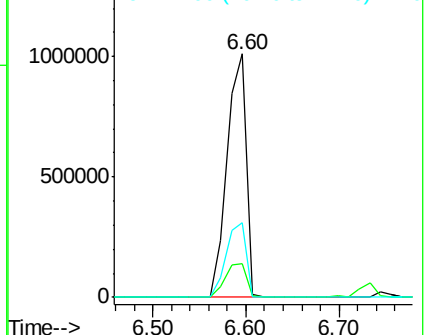
71 30.5 26.7 40.1

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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: 46.48 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

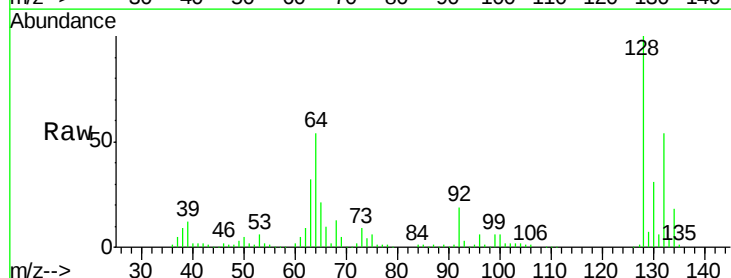
Tgt Ion: 128 Resp: 486865

Ion Ratio Lower Upper

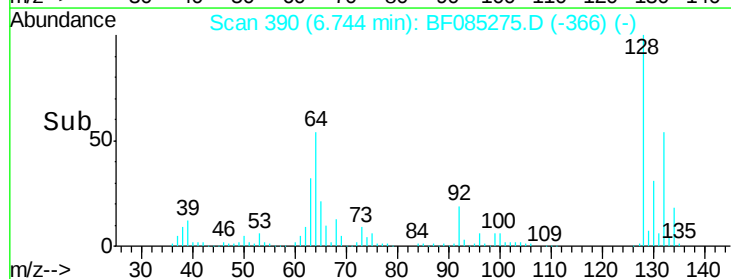
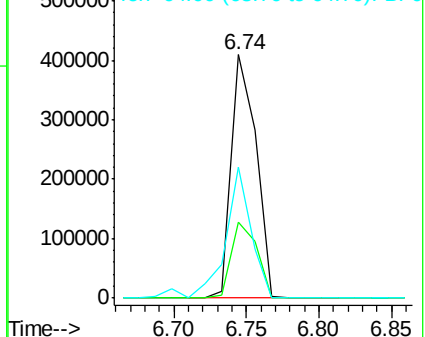
128 100

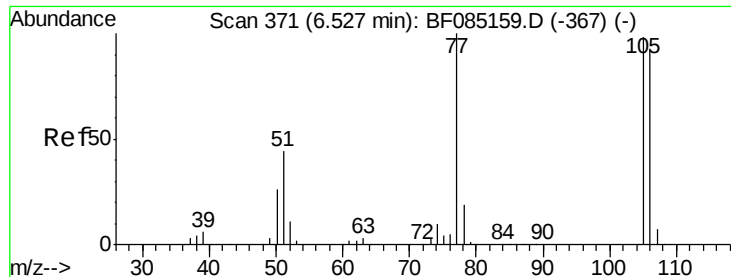
130 31.4 13.3 53.3

64 53.9 25.7 65.7



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: 7.32 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

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Acq: 9 Mar 2016 00:28

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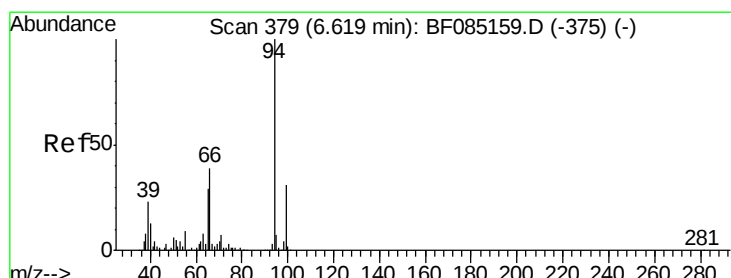
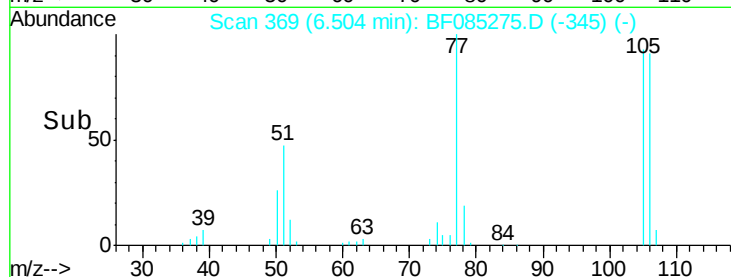
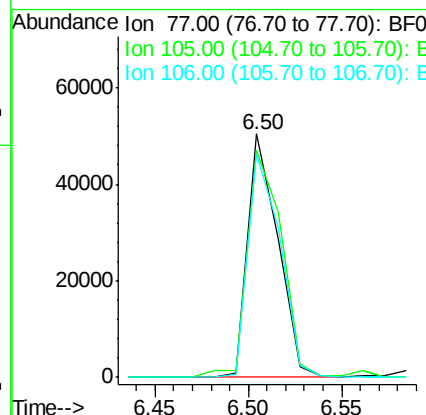
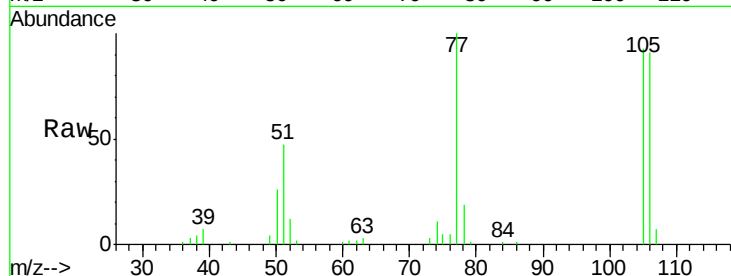
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	77	Resp:	56689
Ion	Ratio	Lower	Upper
77	100		
105	93.3	78.2	118.2
106	91.5	72.9	112.9

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#10

Phenol

Concen: 49.30 ng m

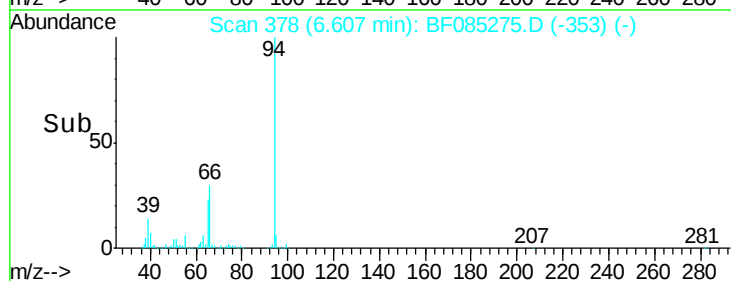
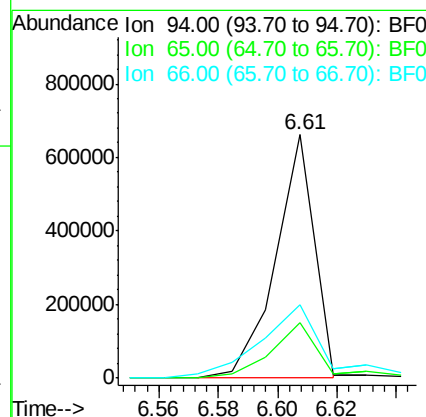
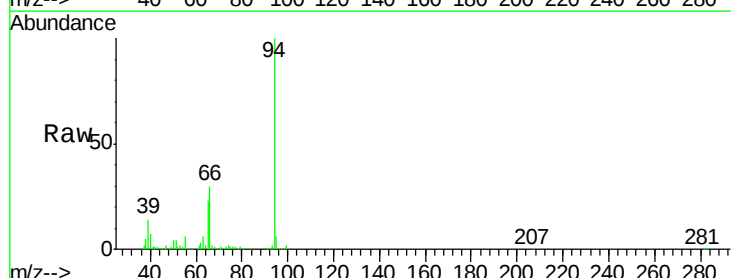
RT: 6.61 min Scan# 378

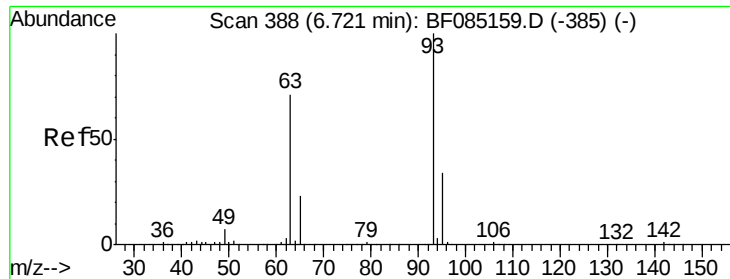
Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	94	Resp:	601879
Ion	Ratio	Lower	Upper
94	100		
65	22.8	9.1	49.1
66	30.3	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 48.11 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

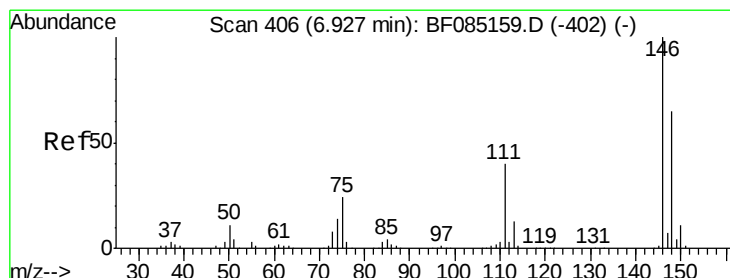
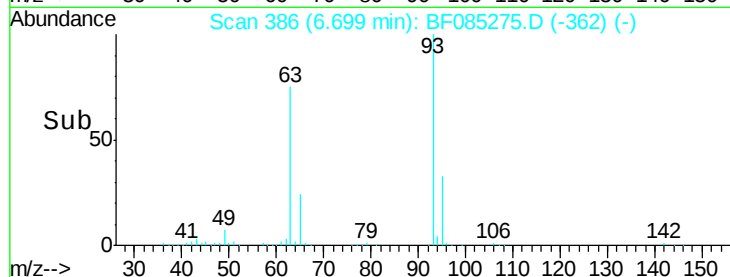
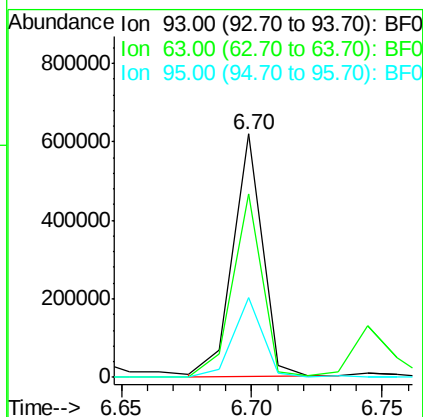
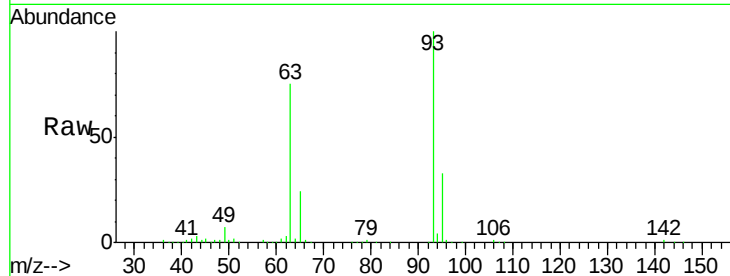
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	93	Resp:	487847
Ion Ratio	Lower	Upper	
93	100		
63	75.2	50.9	90.9
95	32.8	13.7	53.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 45.81 ng m

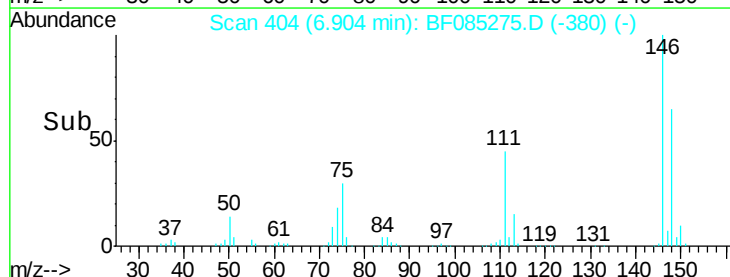
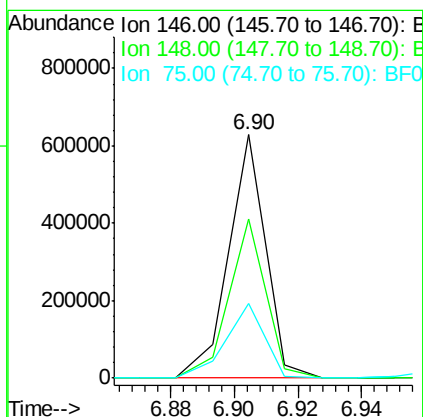
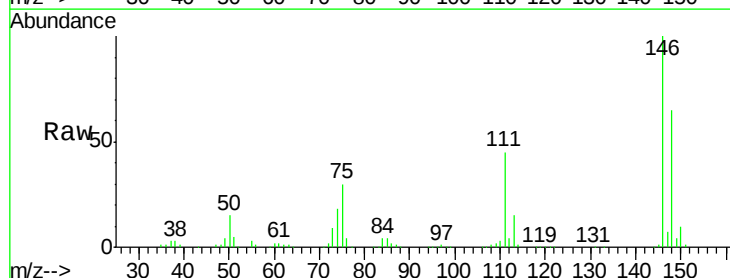
RT: 6.90 min Scan# 404

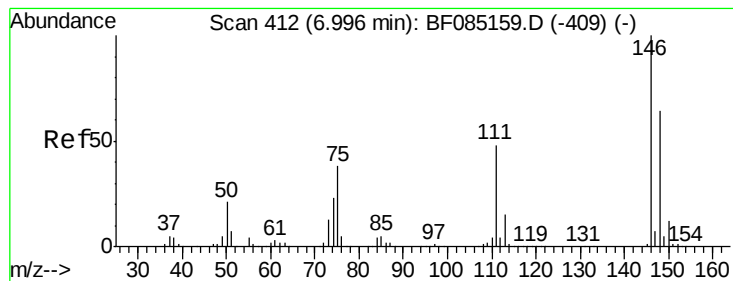
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	146	Resp:	515186
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.1	78.1
75	30.5	19.5	29.3#





#13

1,4-Dichlorobenzene

Concen: 45.69 ng m

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

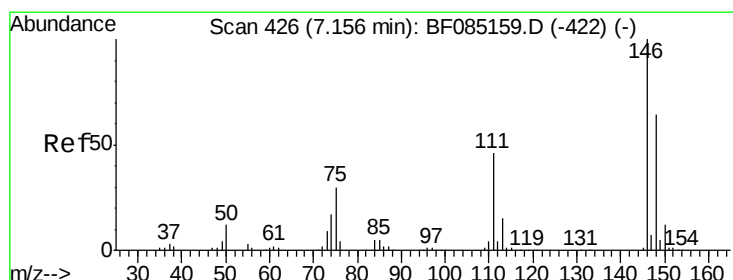
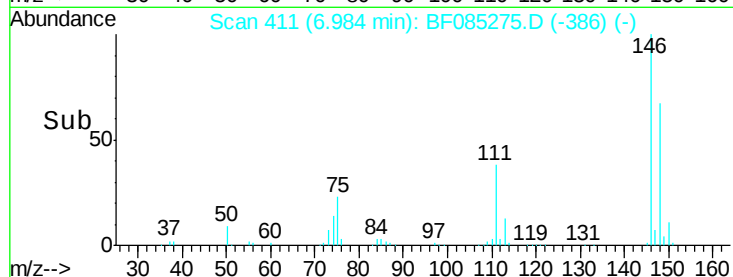
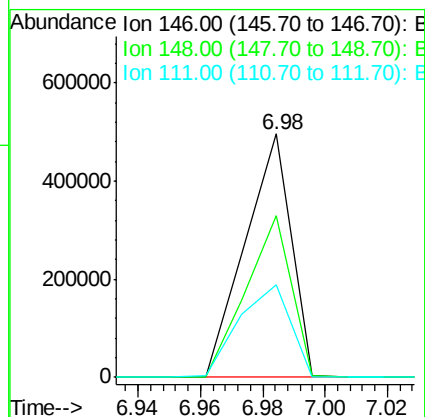
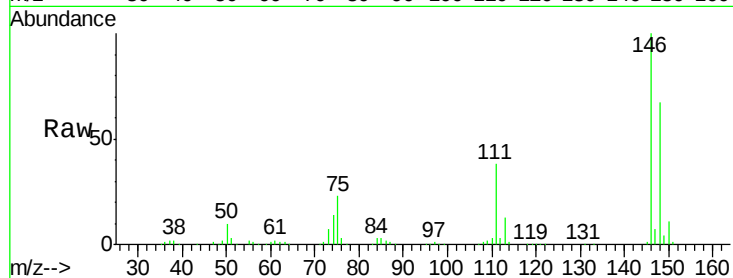
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	146	Resp:	514994
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.3	76.9
111	37.9	38.4	57.6#

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#14

1,2-Dichlorobenzene

Concen: 47.98 ng

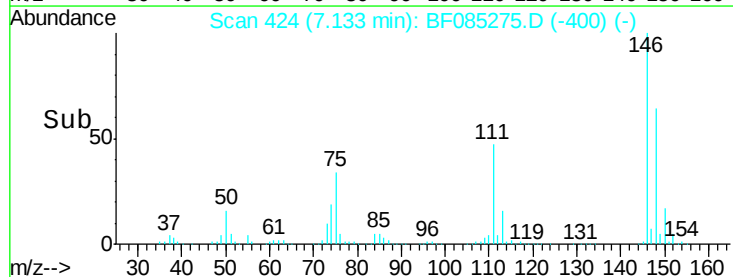
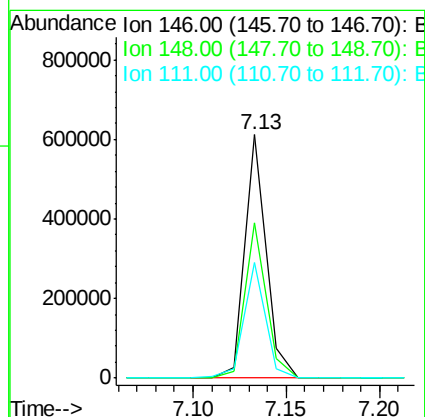
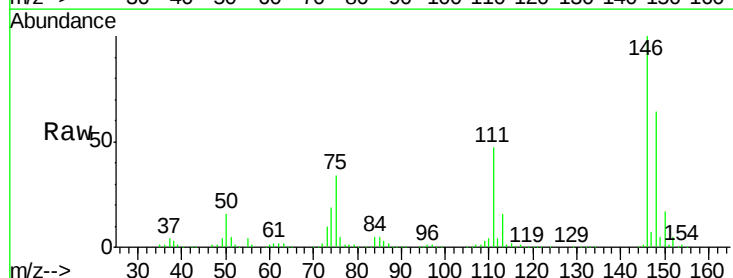
RT: 7.13 min Scan# 424

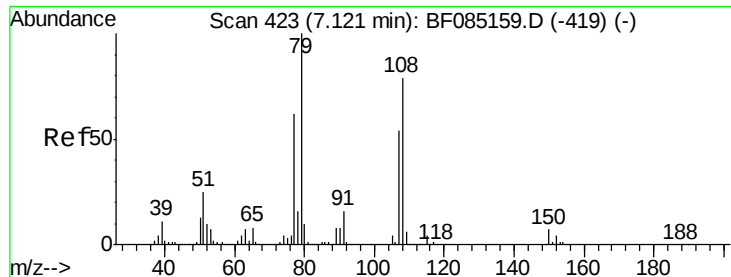
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	146	Resp:	490657
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	47.5	36.7	55.1





#15

Benzyl Alcohol

Concen: 48.85 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

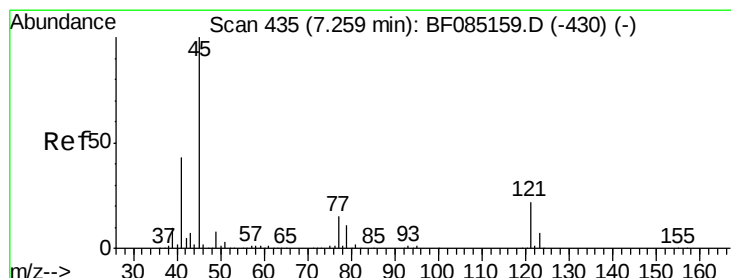
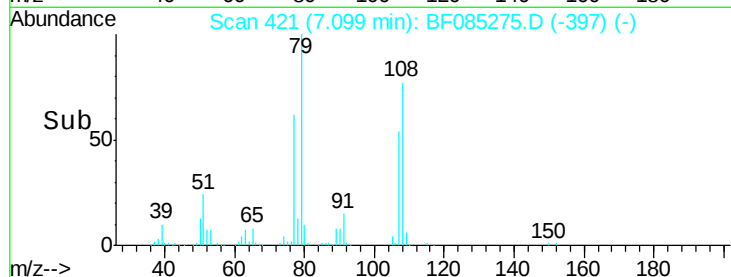
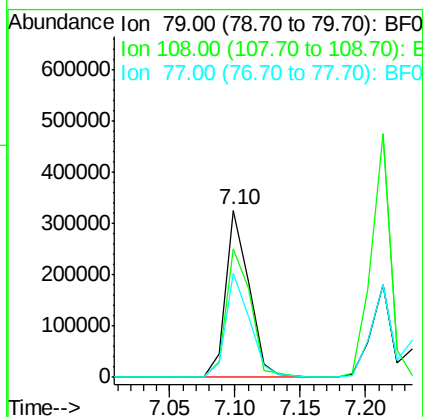
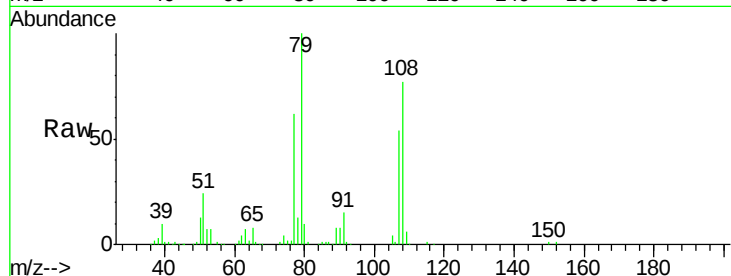
48-BRIDGE-GRID-1MSD

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Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.1	62.9	94.3
77	62.3	49.5	74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.51 ng

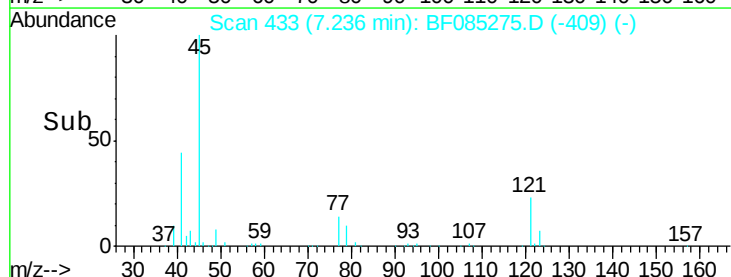
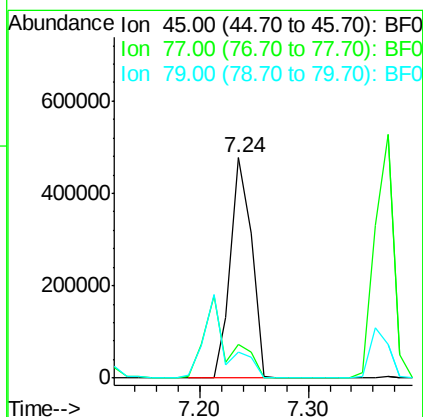
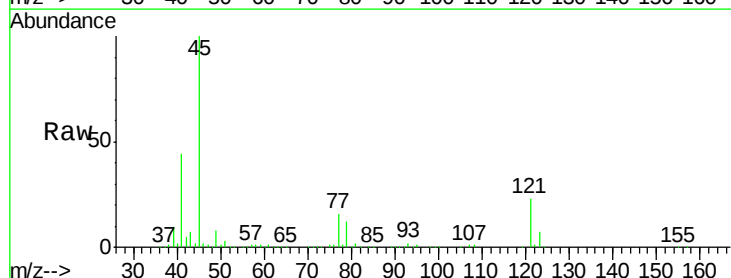
RT: 7.24 min Scan# 433

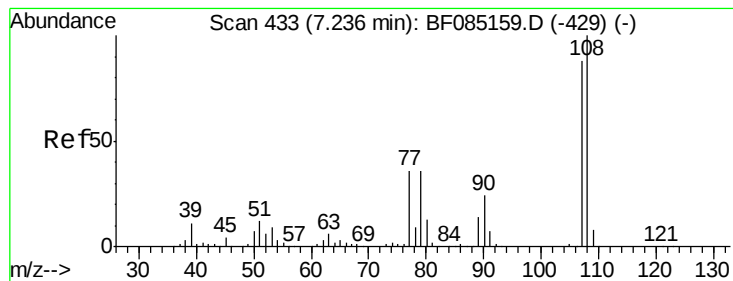
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.1
79	11.6	0.0	31.3





#17

2-Methylphenol

Concen: 50.08 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

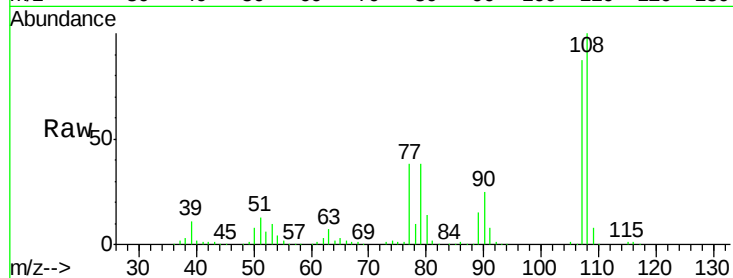
ClientSampleId :

48-BRIDGE-GRID-1MSD

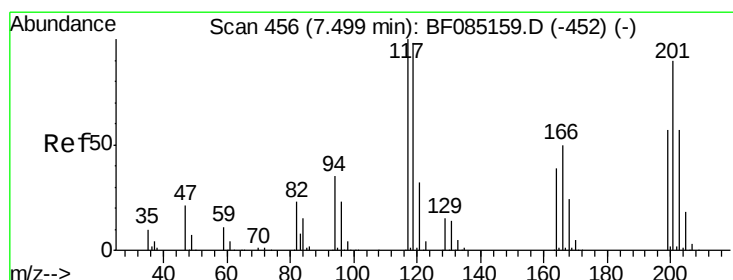
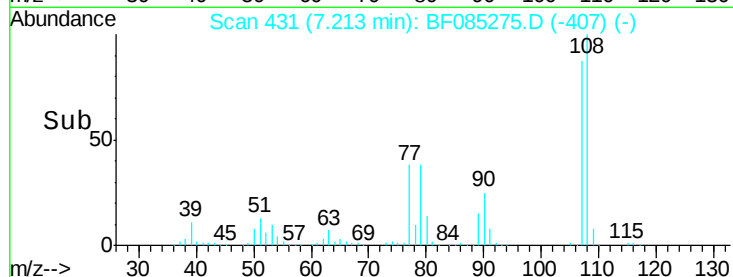
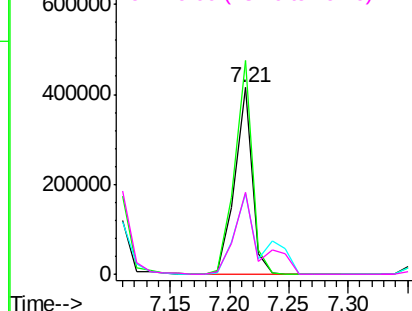
Tgt Ion:	107	Resp:	428060
Ion Ratio	Lower	Upper	
107	100		
108	114.3	90.9	136.3
77	43.2	32.6	48.8
79	43.6	32.8	49.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.76 ng

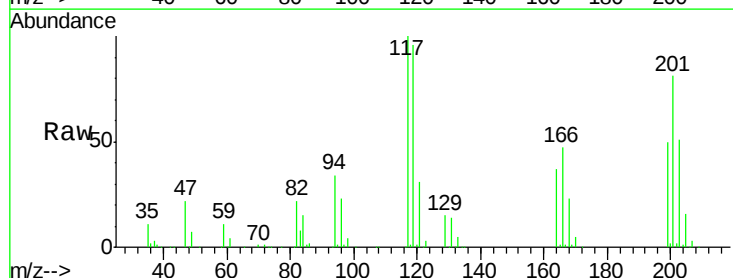
RT: 7.48 min Scan# 454

Delta R.T. -0.02 min

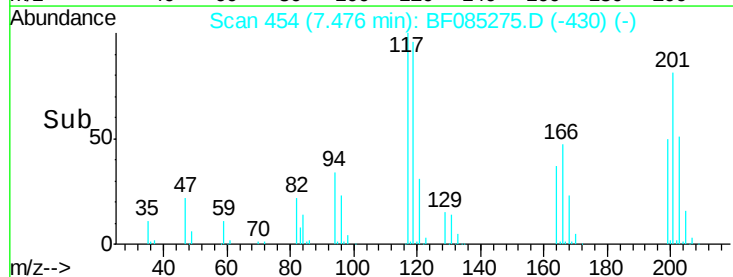
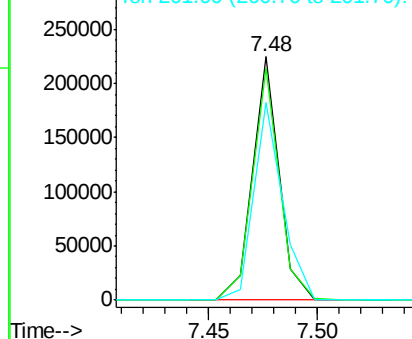
Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	117	Resp:	190264
Ion Ratio	Lower	Upper	
117	100		
119	95.6	78.2	117.4
201	81.2	72.0	108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





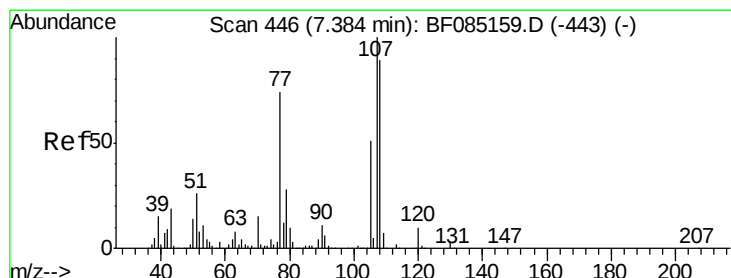
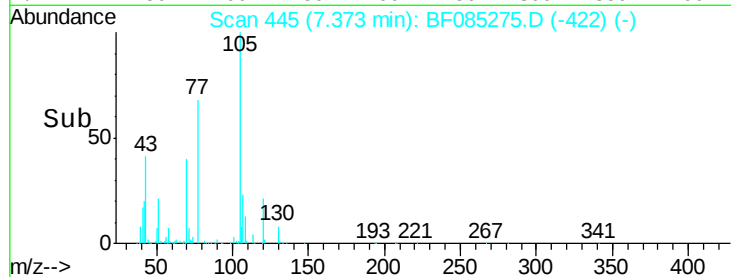
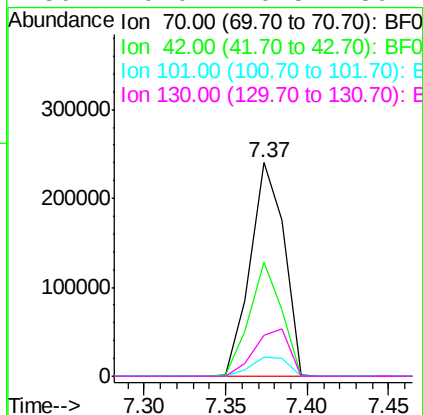
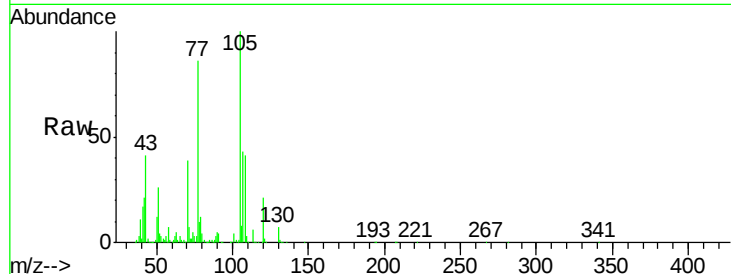
#19
n-Nitroso-di-n-propylamine
Concen: 46.51 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	37.7	56.5
101	8.9	8.2	12.4
130	19.0	20.5	30.7#

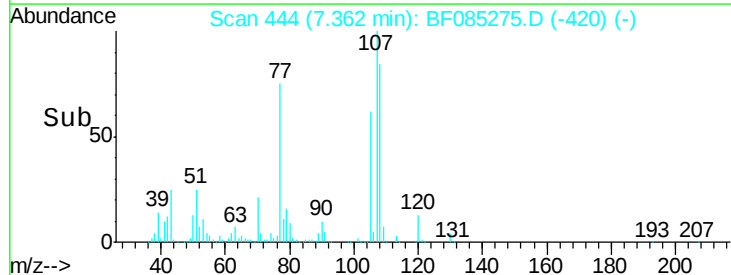
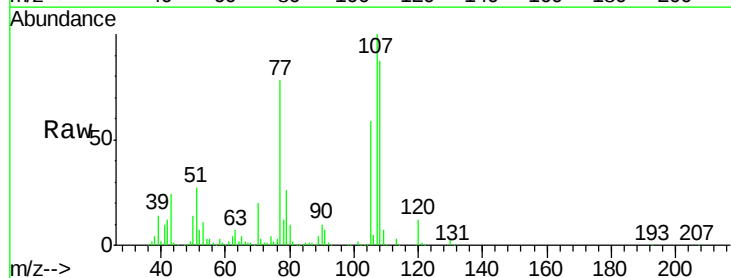
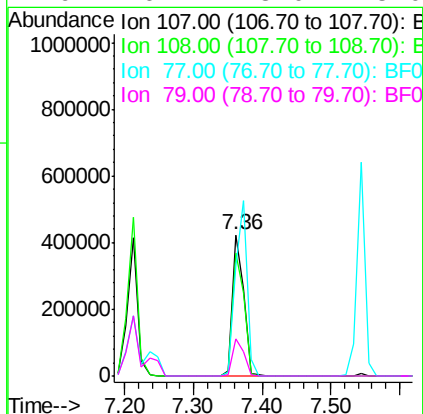
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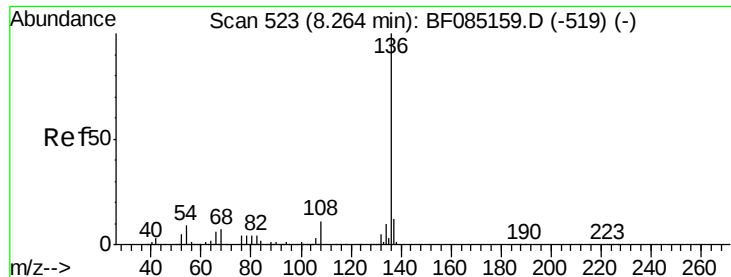
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#20
3+4-Methylphenols
Concen: 48.68 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.8	108.8
77	78.3	53.6	93.6
79	26.1	8.0	48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

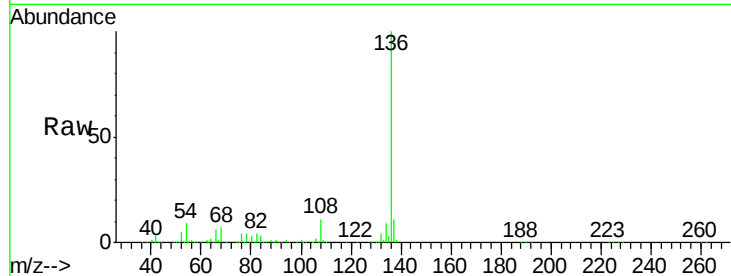
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	9.3	13.9
54	8.9	7.4	11.2
68	6.9	6.0	9.0

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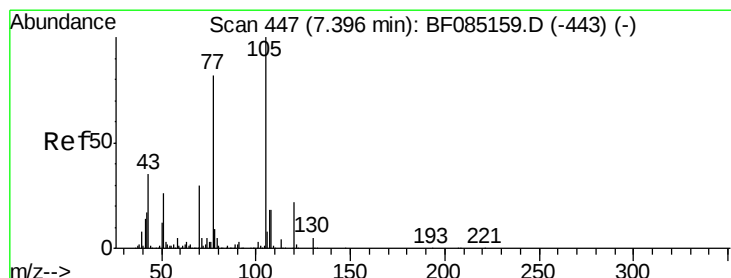
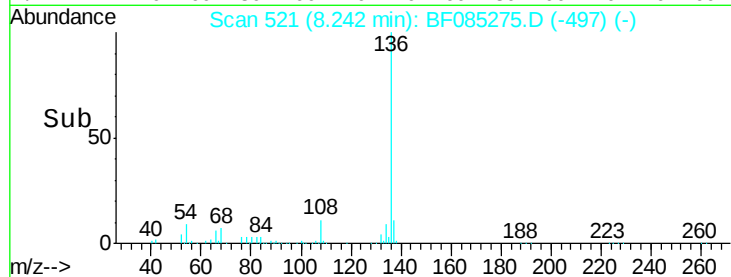
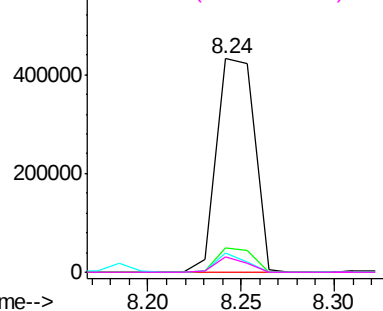


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.21 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

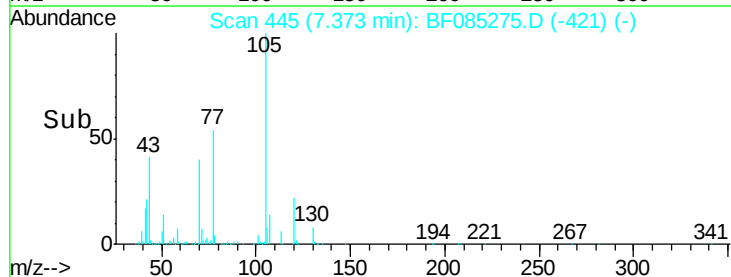
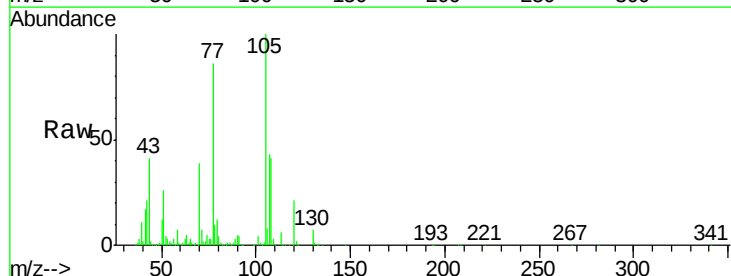
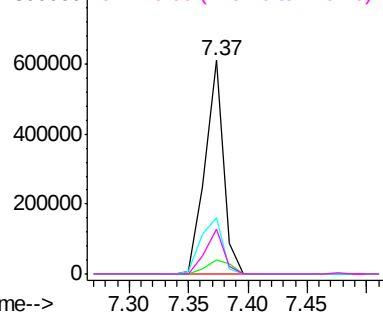
Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.8	4.1	6.1#
51	26.5	21.1	31.7
120	21.2	17.3	25.9

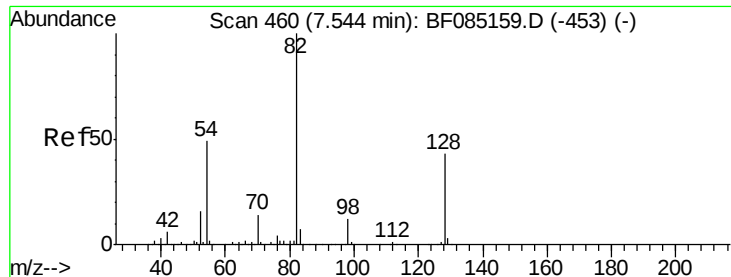
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





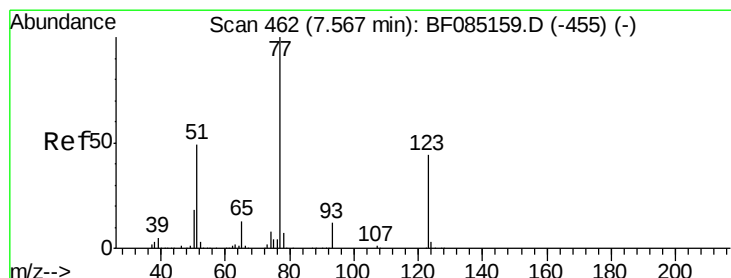
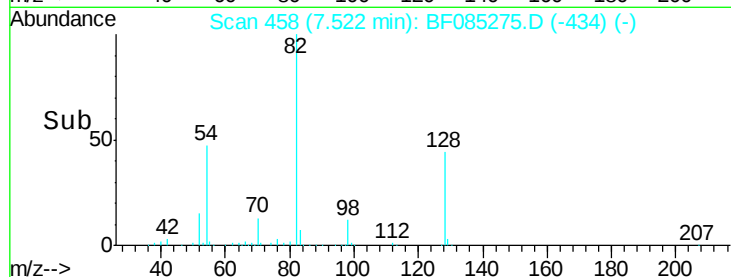
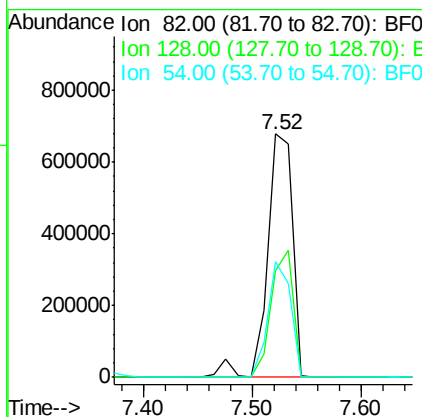
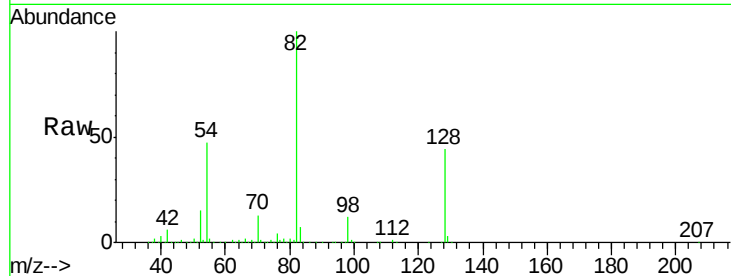
#23
 Nitrobenzene-d5
 Concen: 95.79 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion: 82 Resp: 1087639
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.5 51.7
 54 47.3 39.3 58.9

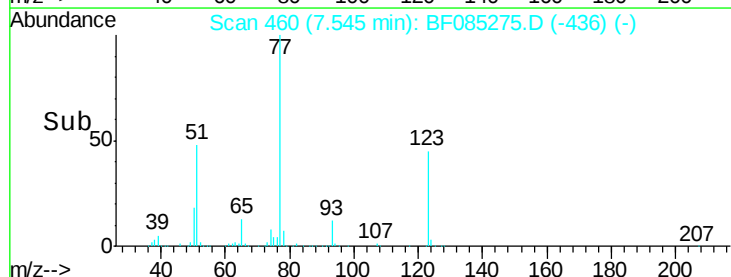
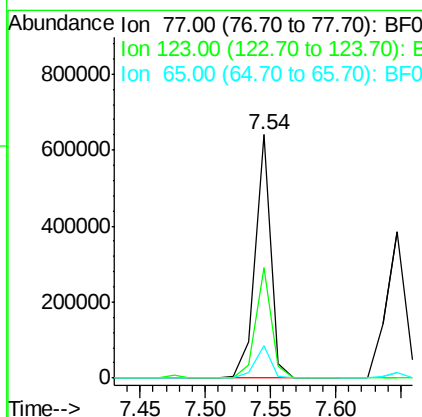
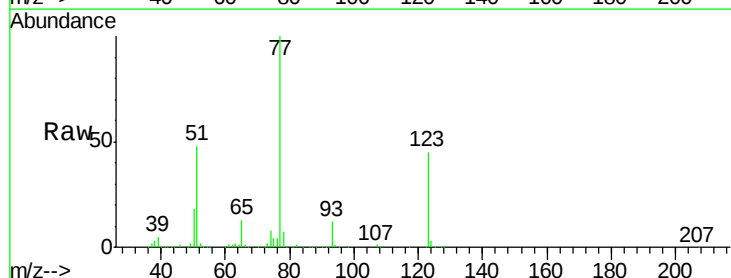
Manual Integrations
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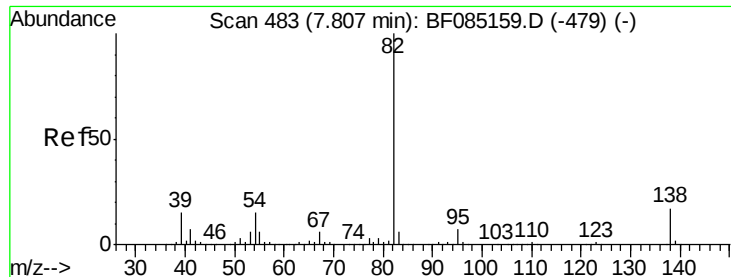
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#24
 Nitrobenzene
 Concen: 46.24 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion: 77 Resp: 533352
 Ion Ratio Lower Upper
 77 100
 123 45.4 35.4 53.2
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 47.14 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

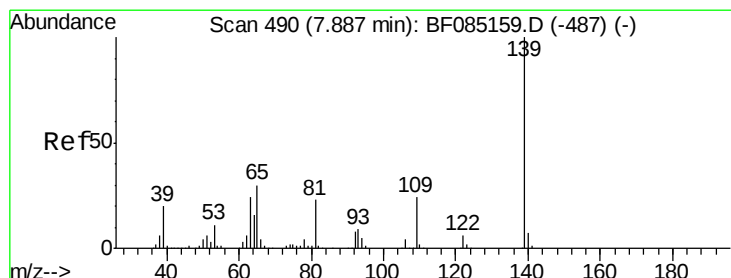
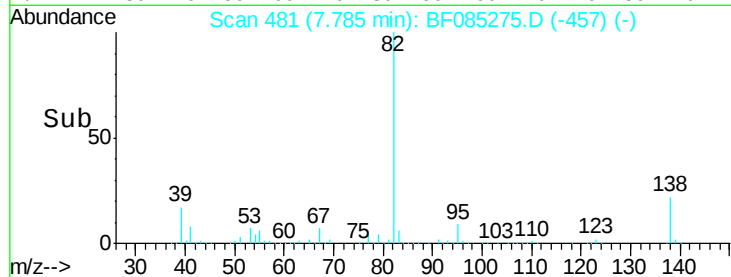
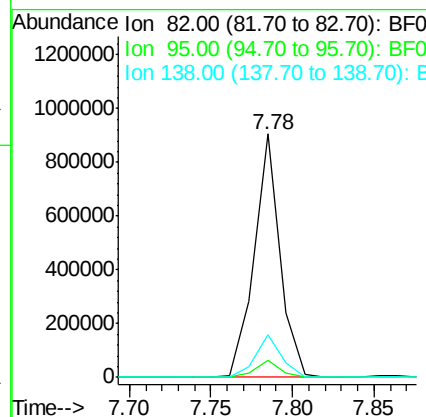
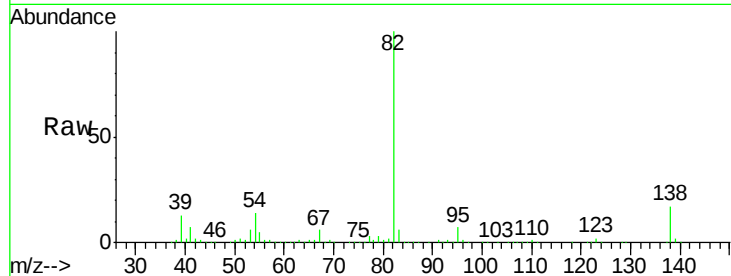
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion:	82	Resp:	991865
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	17.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.08 ng

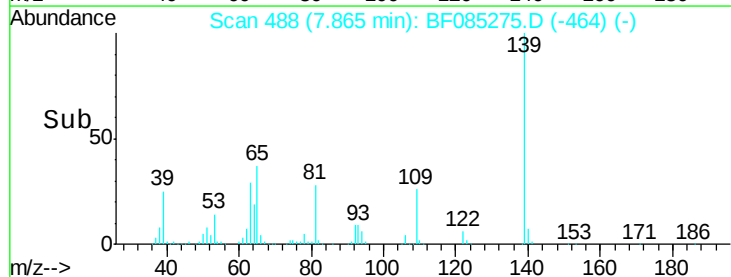
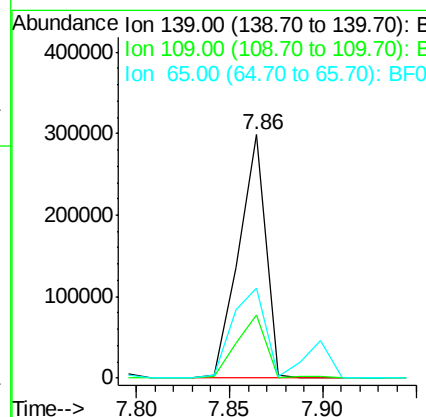
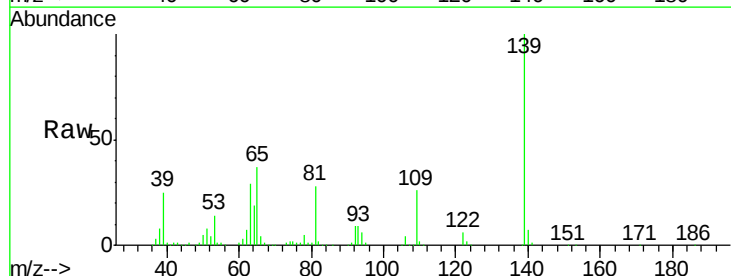
RT: 7.86 min Scan# 488

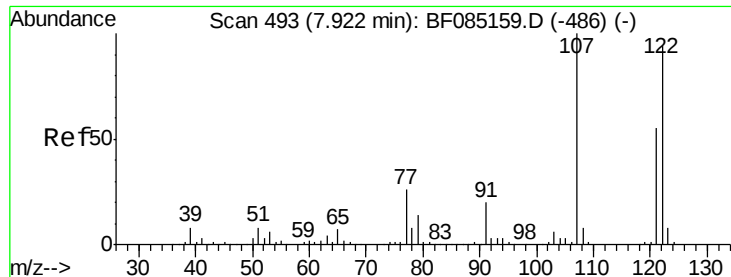
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

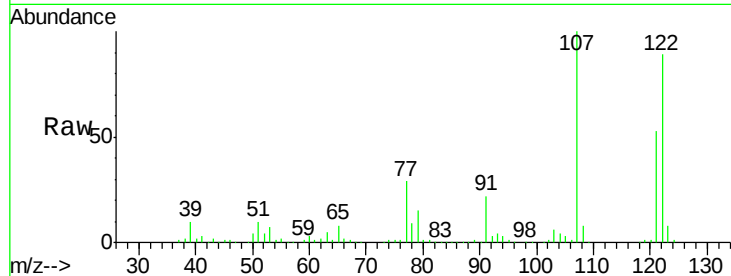
Tgt Ion:	139	Resp:	303557
Ion Ratio		Lower	Upper
139	100		
109	25.9	19.1	28.7
65	36.8	23.9	35.9





#27
 2,4-Dimethylphenol
 Concen: 51.23 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

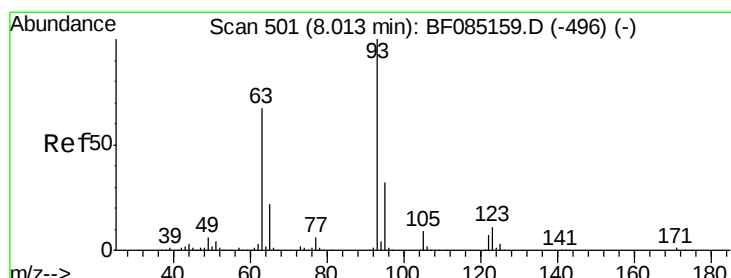
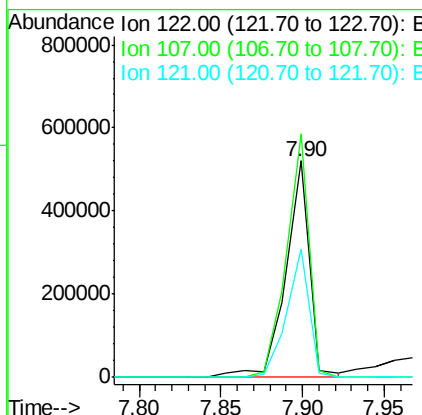
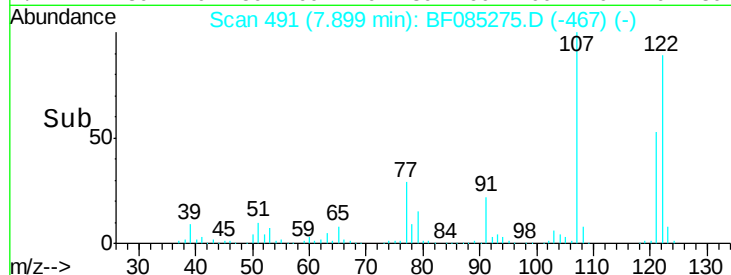
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	525466		
107	112.4	84.8	127.2	
121	59.1	47.0	70.6	

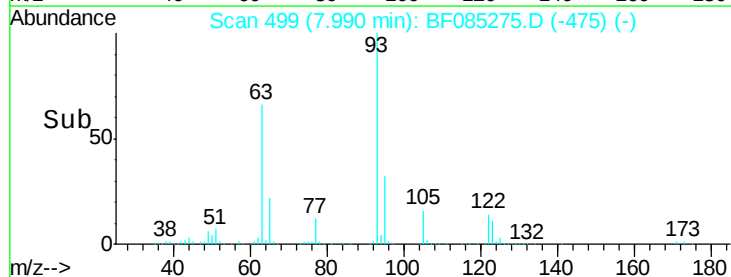
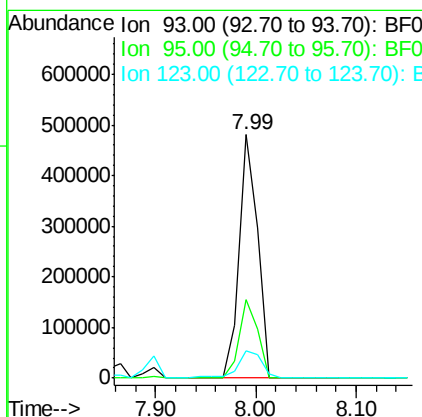
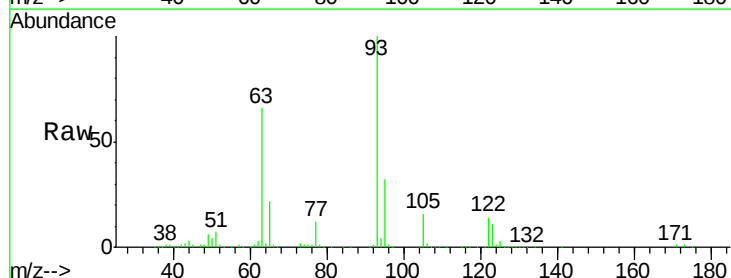
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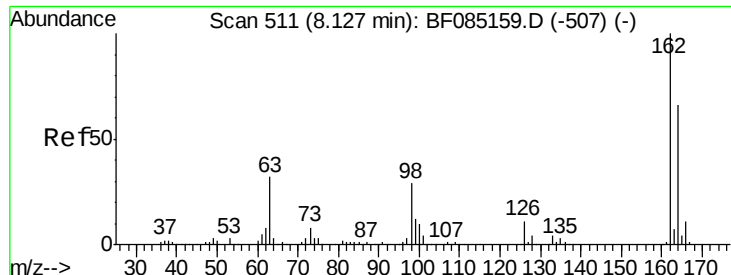
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.92 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608401		
95	32.1	25.9	38.9	
123	11.2	8.8	13.2	





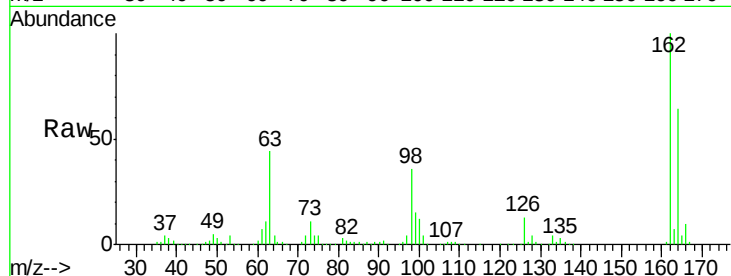
#29
2,4-Dichlorophenol
Concen: 55.44 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

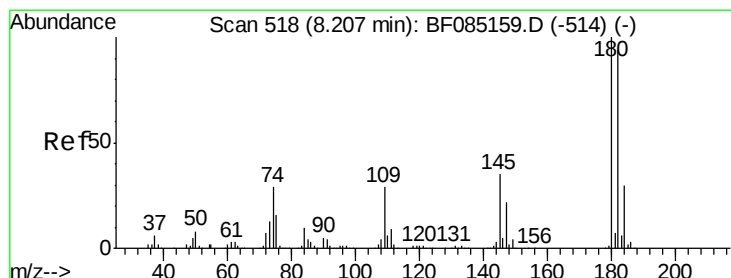
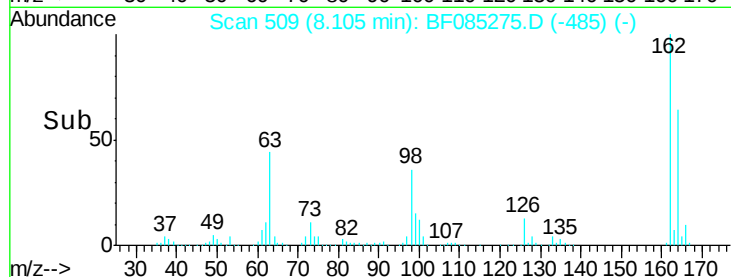
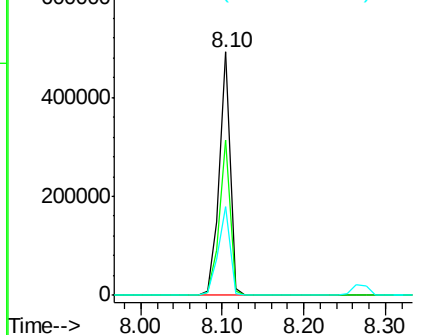
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	458603		
164	63.7	45.7	85.7	
98	36.4	9.4	49.4	

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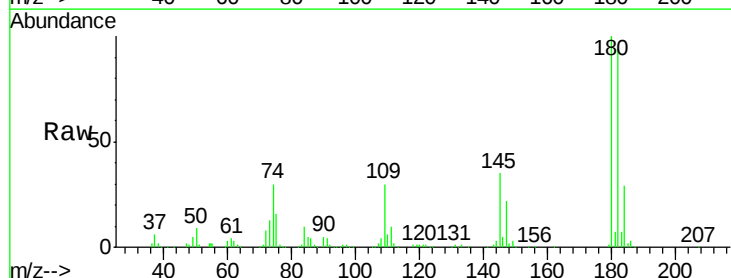


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

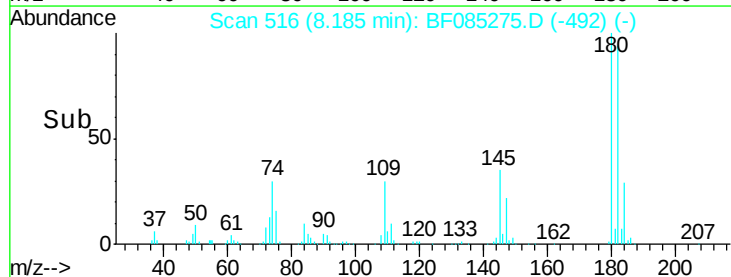
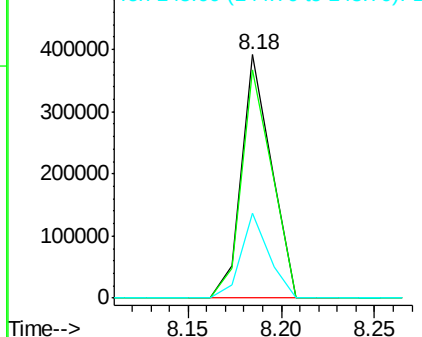


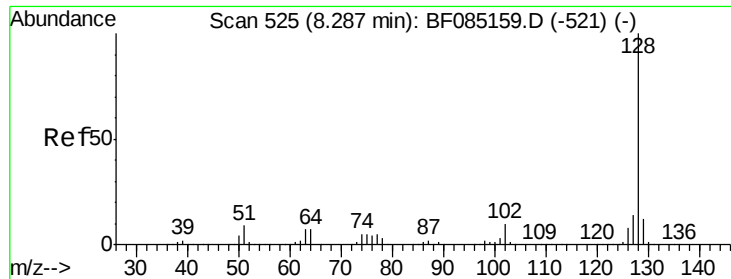
#30
1,2,4-Trichlorobenzene
Concen: 48.67 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	435322		
182	93.8	74.9	112.3	
145	34.8	27.9	41.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





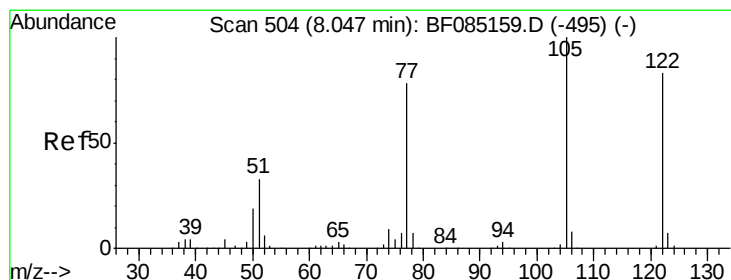
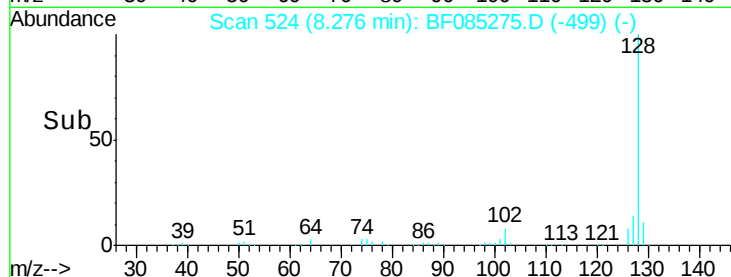
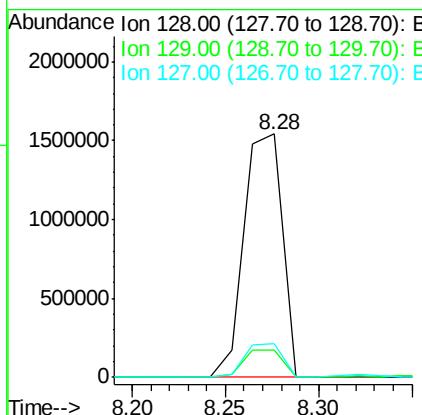
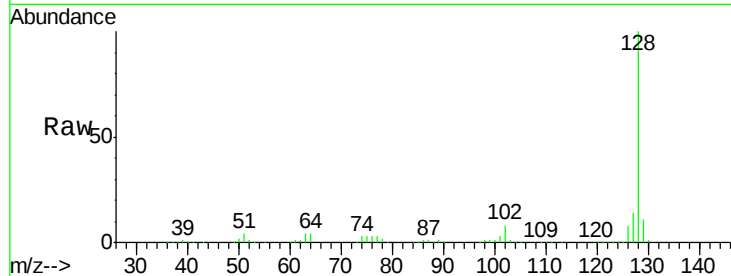
#31
Naphthalene
Concen: 73.69 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion:128 Resp: 2201524
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.9 11.2 16.8

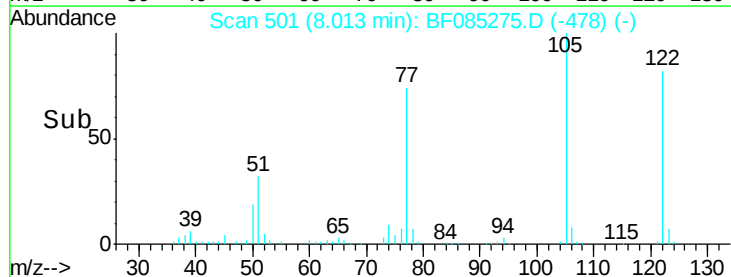
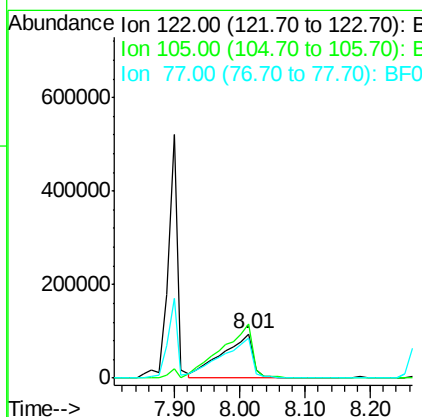
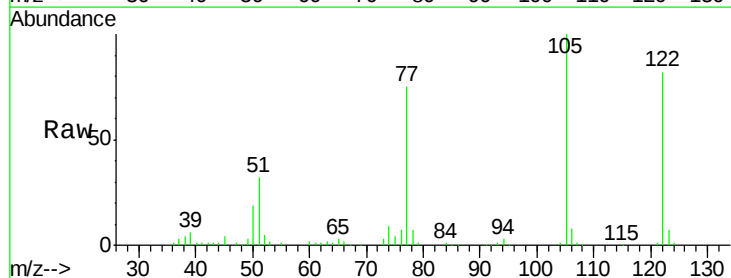
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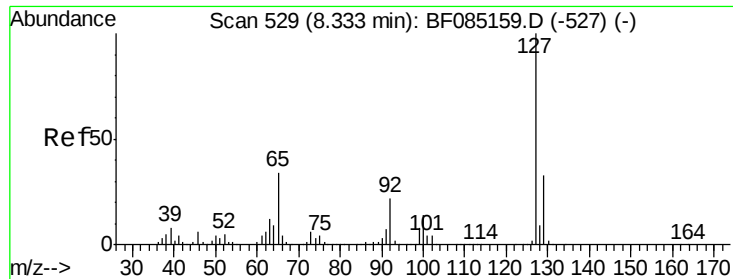
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#32
Benzoic acid
Concen: 46.18 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion:122 Resp: 314659
Ion Ratio Lower Upper
122 100
105 122.3 101.3 141.3
77 91.6 74.7 114.7





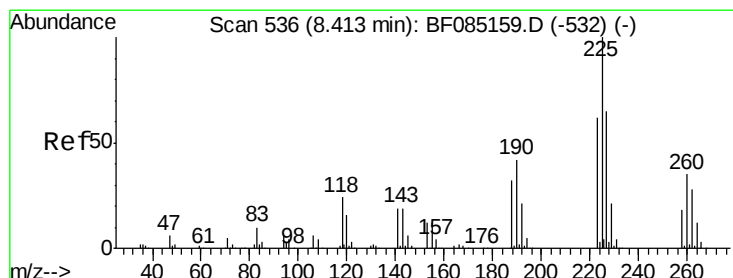
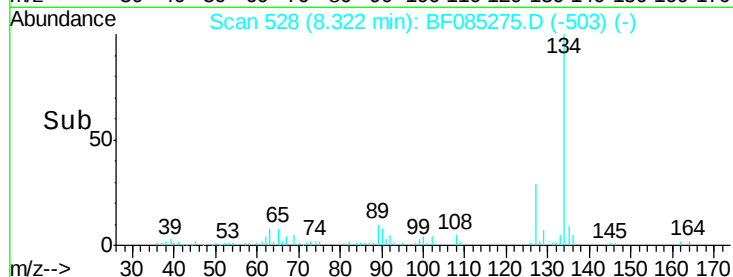
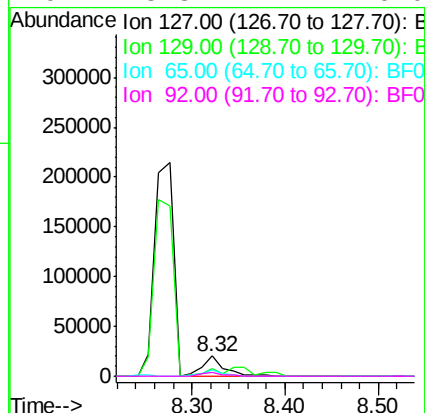
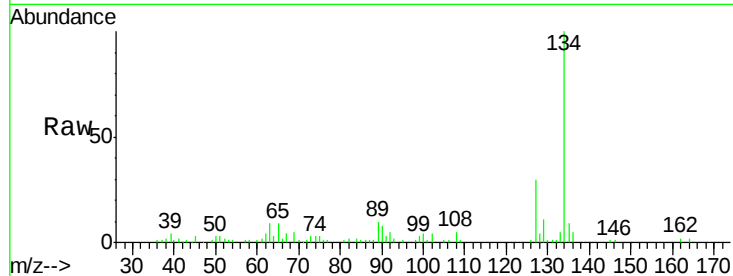
#33
4-Chloroaniline
Concen: 2.70 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	32605		
129	35.2	26.1	39.1	
65	29.5	27.0	40.6	
92	18.3	17.4	26.0	

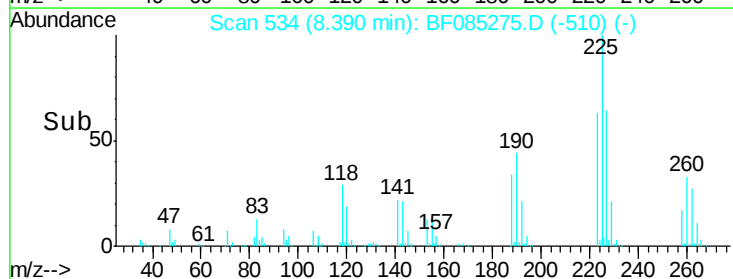
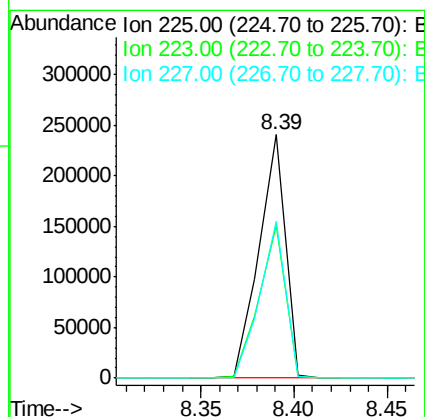
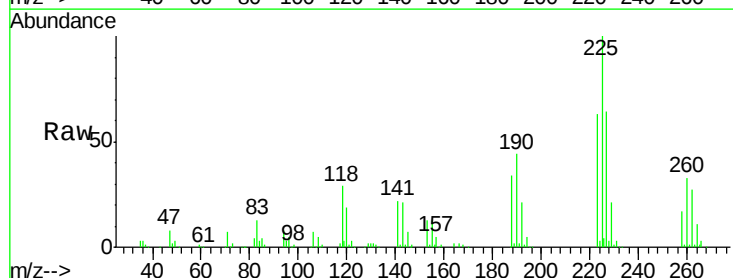
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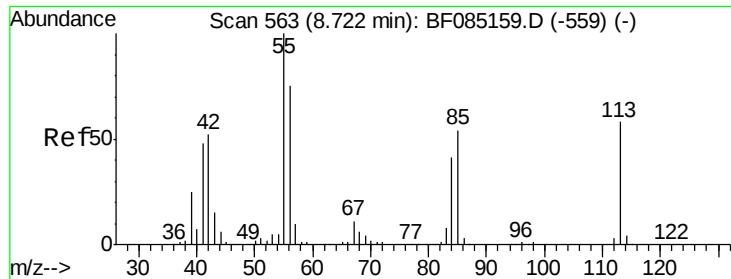
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#34
Hexachlorobutadiene
Concen: 50.54 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

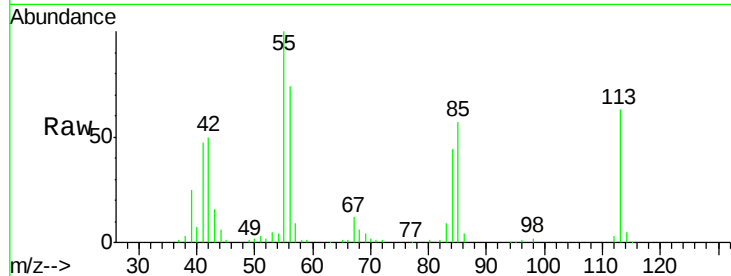
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	235226		
223	62.8	49.7	74.5	
227	64.4	52.2	78.4	





#35
 Caprolactam
 Concen: 42.57 ng m
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

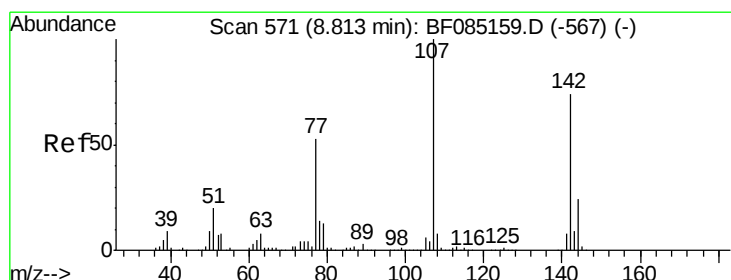
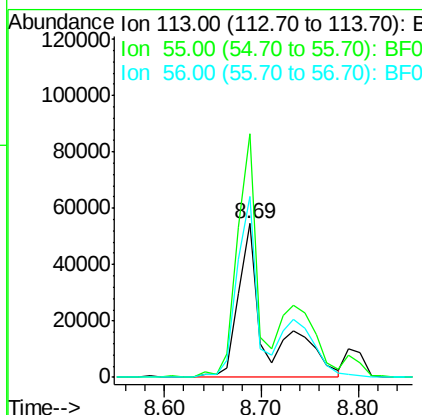
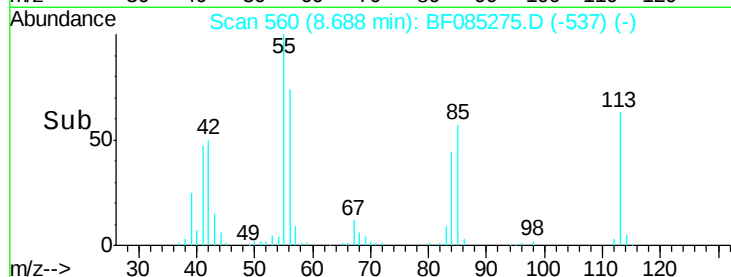
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD



Tgt Ion:113 Resp: 115006
 Ion Ratio Lower Upper
 113 100
 55 158.6 152.7 192.7
 56 117.9 109.0 149.0

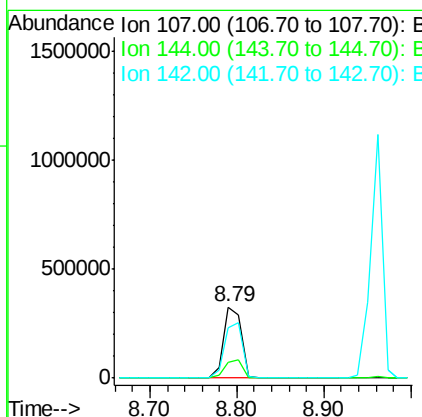
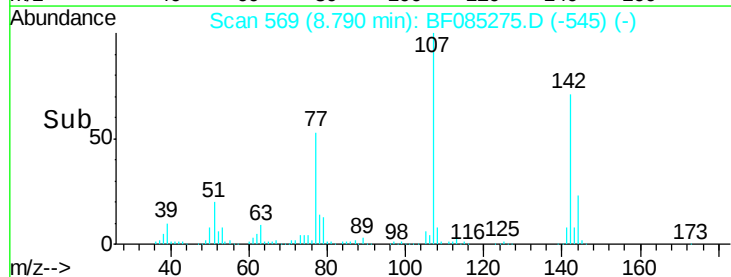
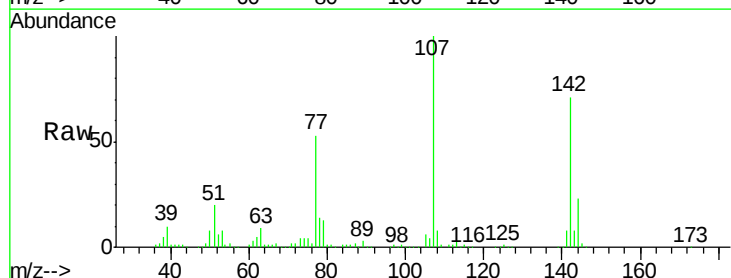
Manual Integrations
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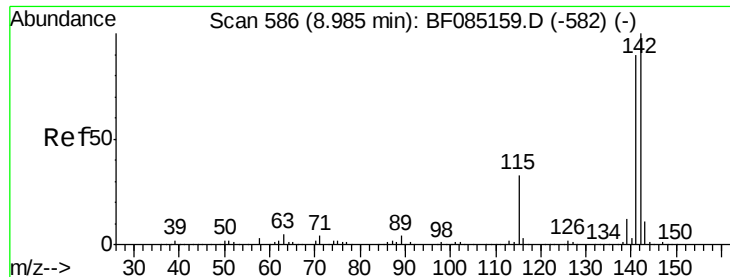
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#36
 4-Chloro-3-methylphenol
 Concen: 49.80 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion:107 Resp: 467340
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.4 29.2
 142 71.3 59.4 89.2





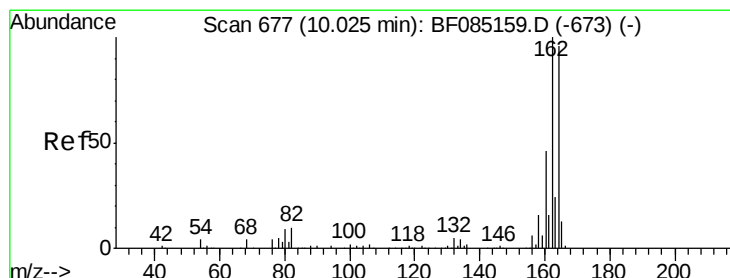
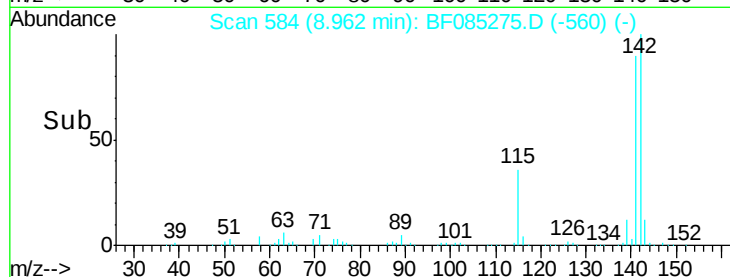
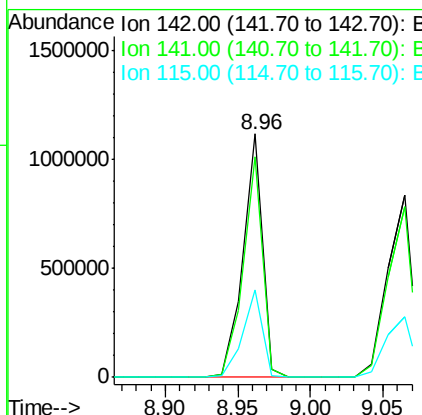
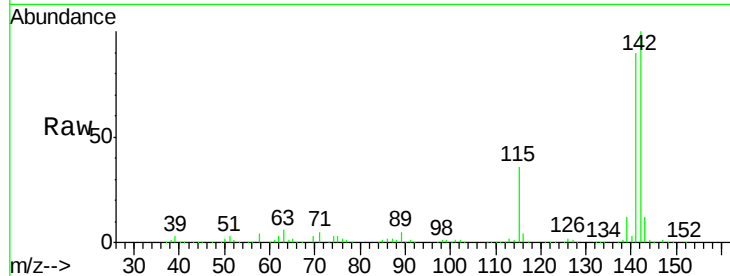
#37
2-Methylnaphthalene
Concen: 54.56 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion:142 Resp: 1046021
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 36.1 26.2 39.4

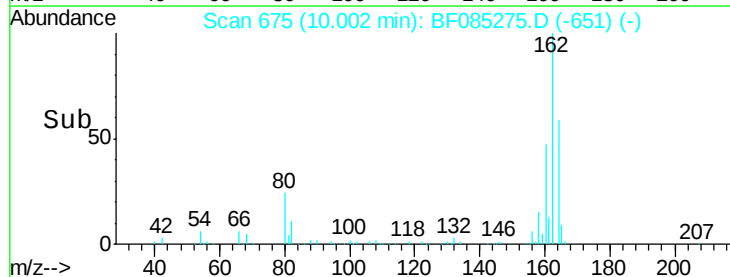
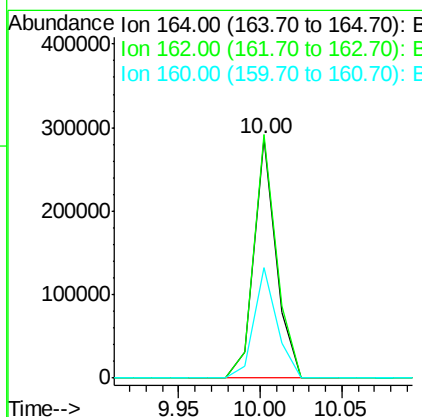
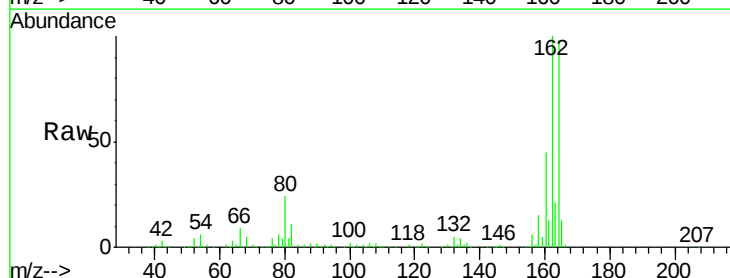
Manual Integrations
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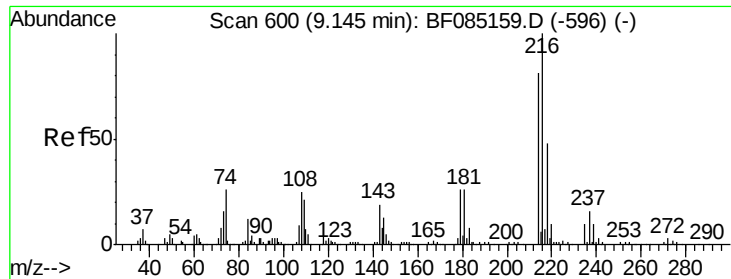
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion:164 Resp: 273053
Ion Ratio Lower Upper
164 100
162 101.7 83.3 124.9
160 46.0 37.9 56.9





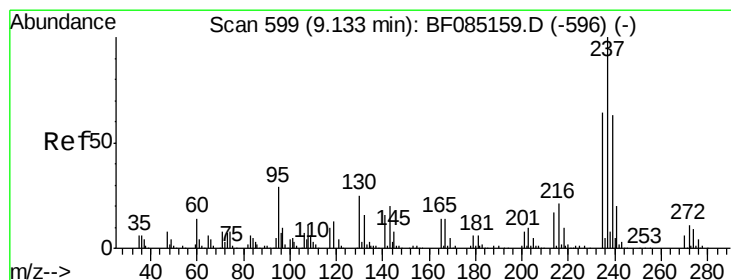
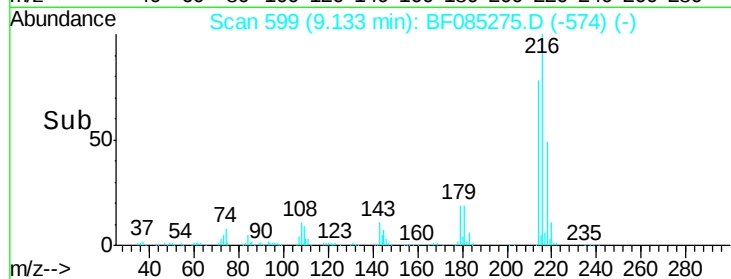
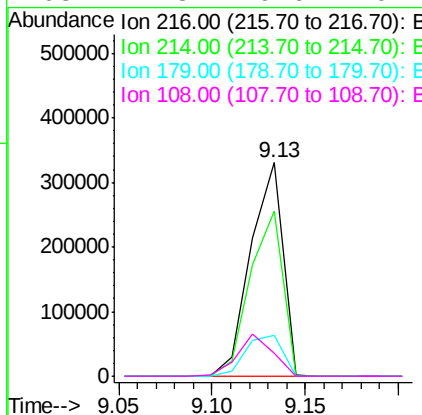
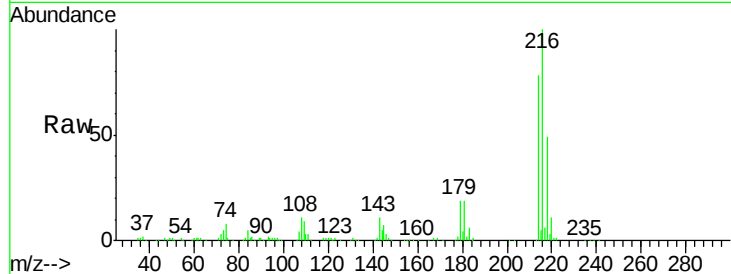
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.43 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Manual Integrations
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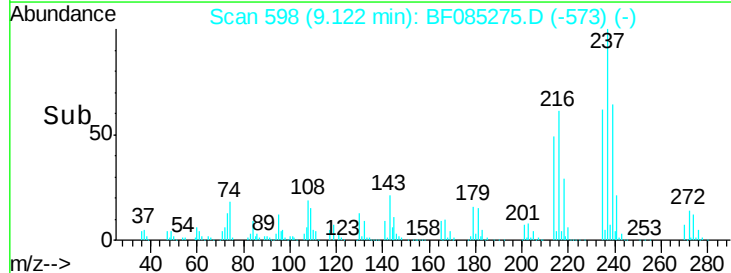
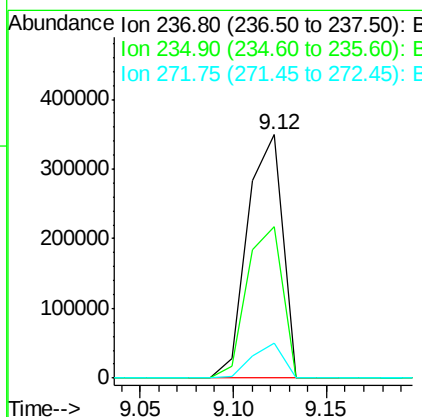
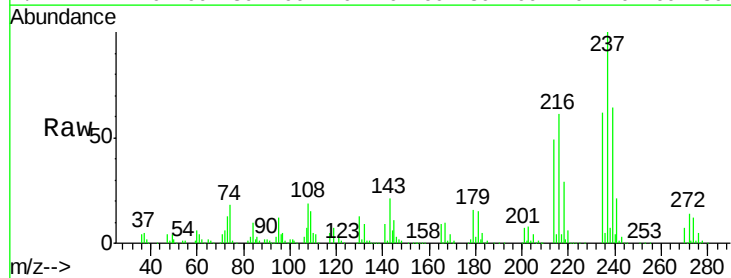
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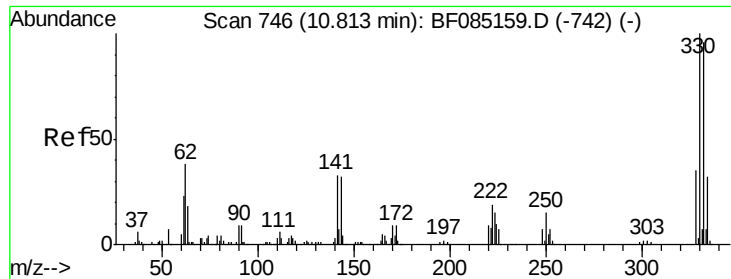
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	393818		
214	78.9	63.8	95.6	
179	22.2	19.6	29.4	
108	22.3	19.6	29.4	



#40
 Hexachlorocyclopentadiene
 Concen: 107.93 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	454558		
235	62.2	43.7	83.7	
272	14.3	0.0	31.5	





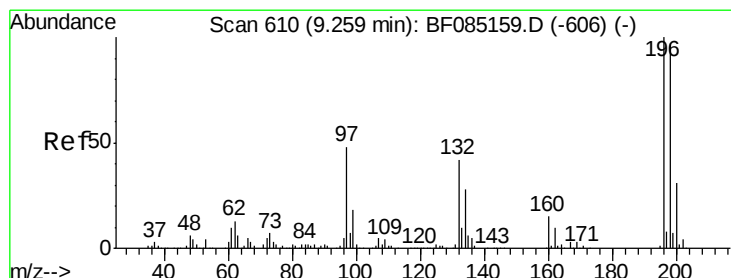
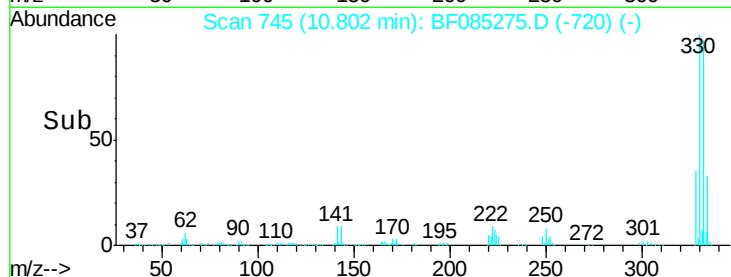
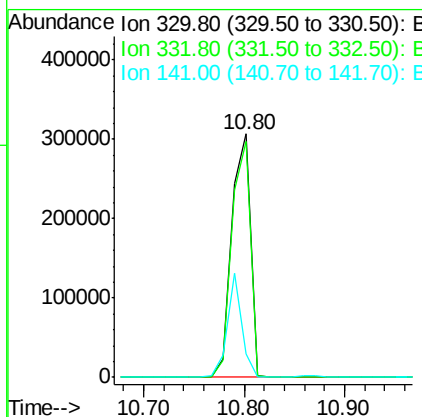
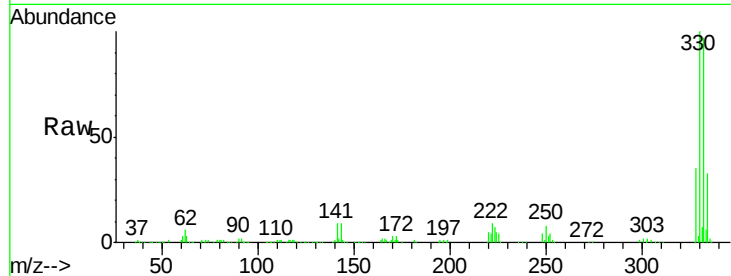
#41
 2,4,6-Tribromophenol
 Concen: 170.18 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	397613		
332	96.9	77.1	115.7	
141	33.2	35.0	52.6#	

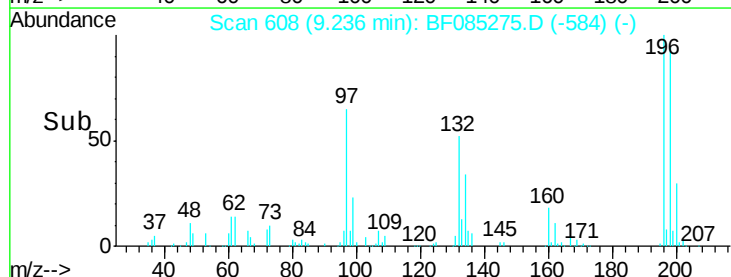
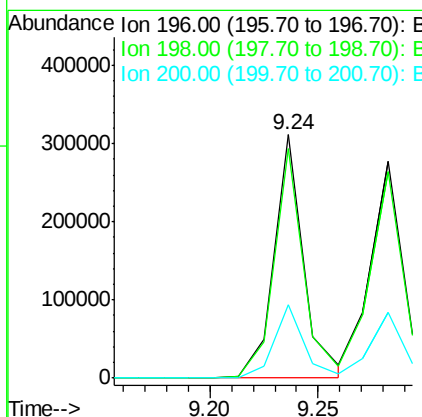
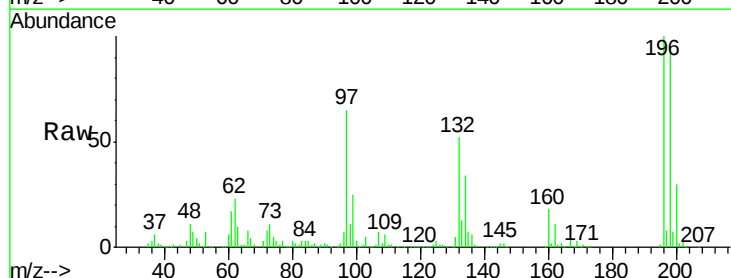
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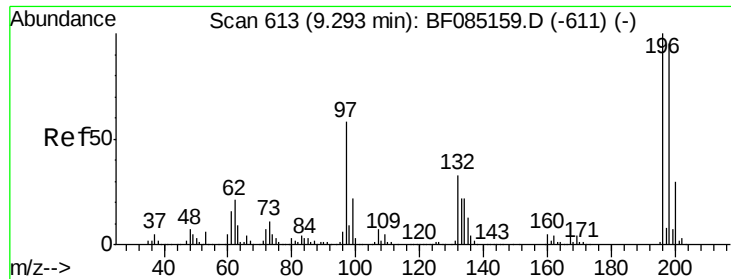
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#42
 2,4,6-Trichlorophenol
 Concen: 51.10 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

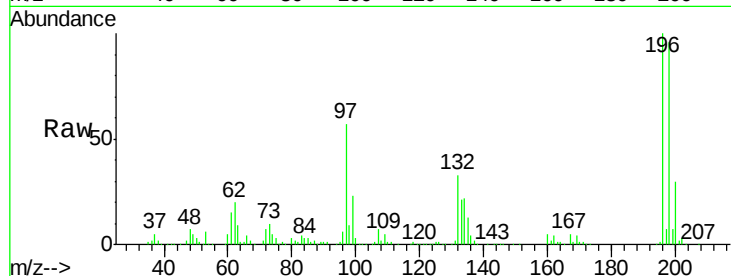
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297063		
198	94.3	77.8	116.6	
200	30.4	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 52.77 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

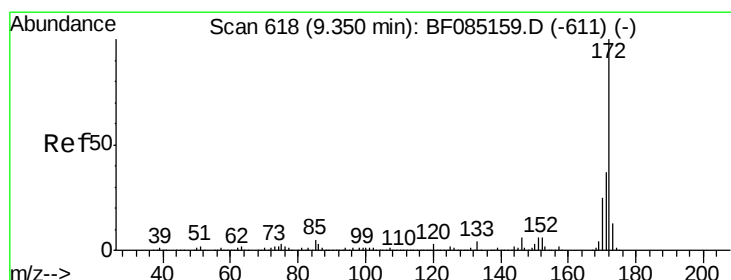
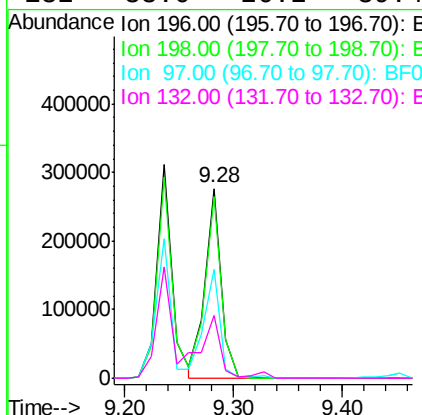
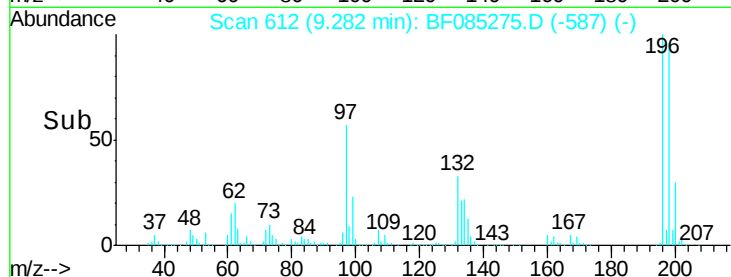
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD



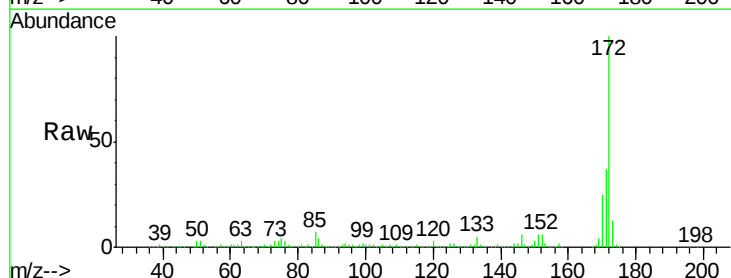
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290866		
198	95.6	75.7	113.5	
97	57.4	46.4	69.6	
132	33.0	26.2	39.4	

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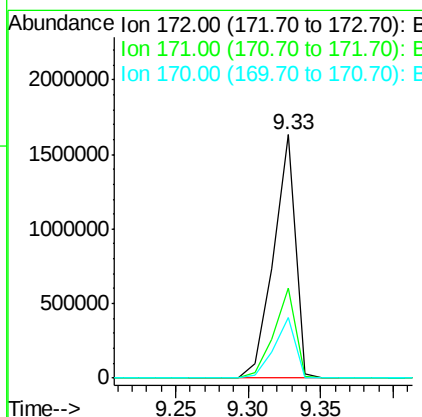
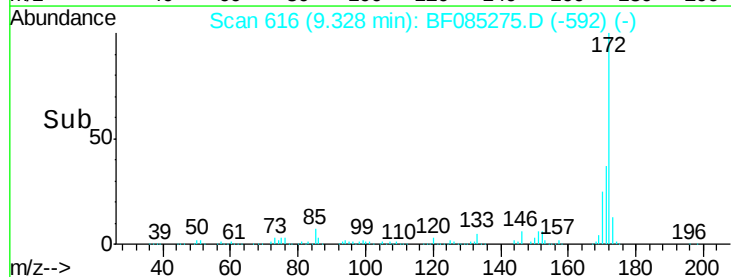
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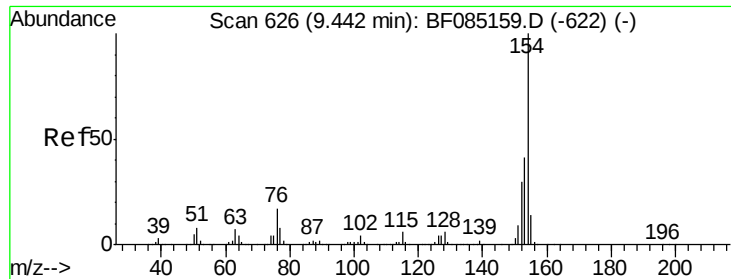


#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1711820		
171	37.1	29.3	43.9	
170	25.1	20.0	30.0	





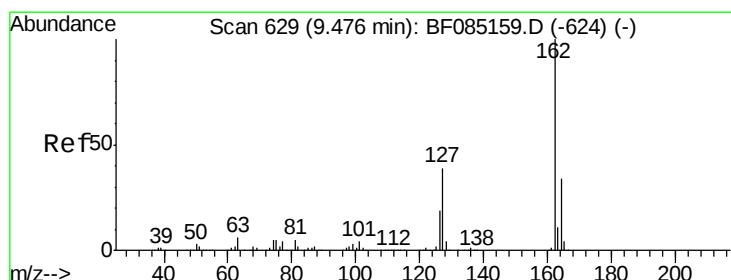
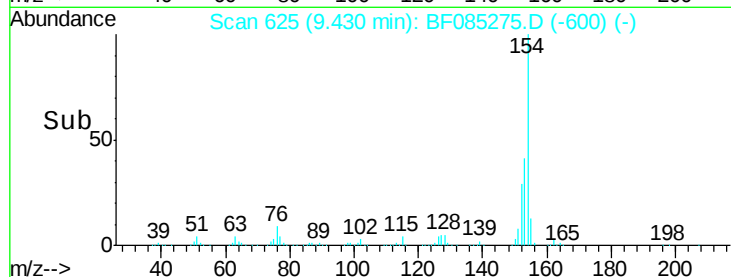
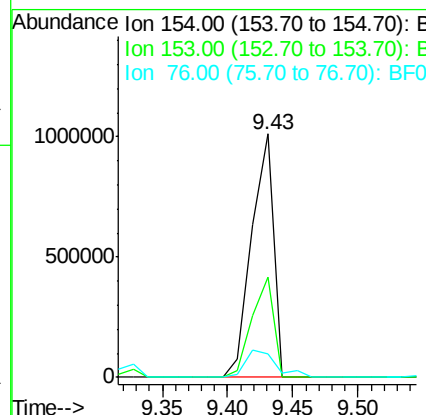
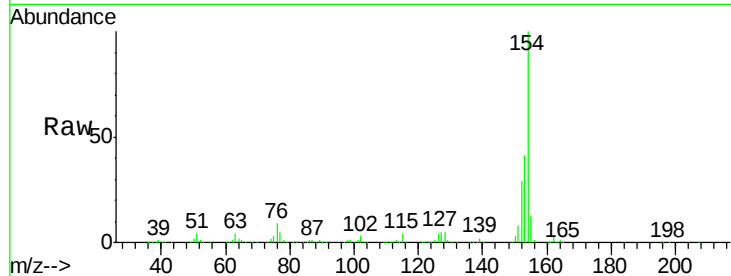
#45
 1,1'-Biphenyl
 Concen: 50.78 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	9.4	0.0	37.5

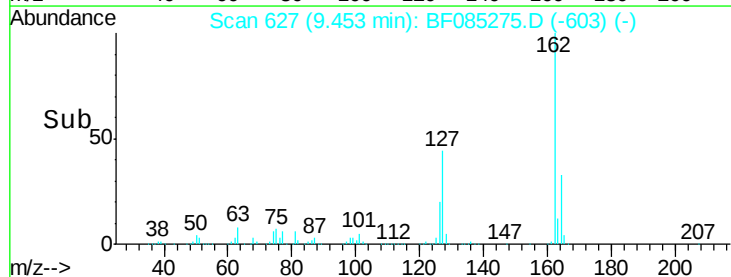
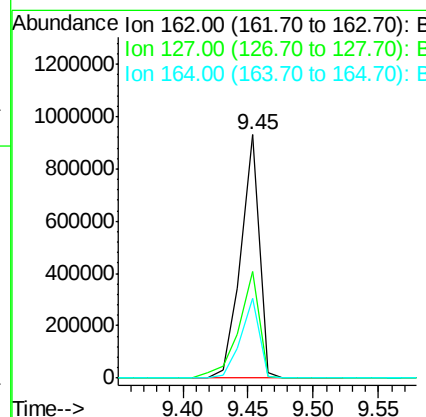
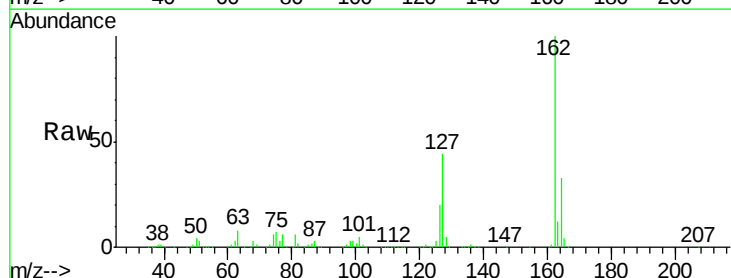
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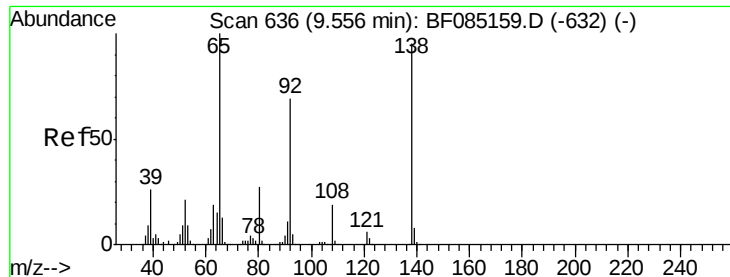
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#46
 2-Chloronaphthalene
 Concen: 51.06 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	31.6	47.4
164	33.0	27.1	40.7





#47

2-Nitroaniline

Concen: 50.81 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion: 65 Resp: 279993
Ion Ratio Lower Upper

65 100

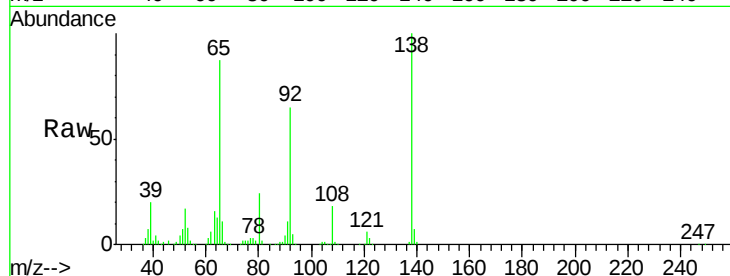
92 75.0 55.4 83.2

138 114.6 75.7 113.5#

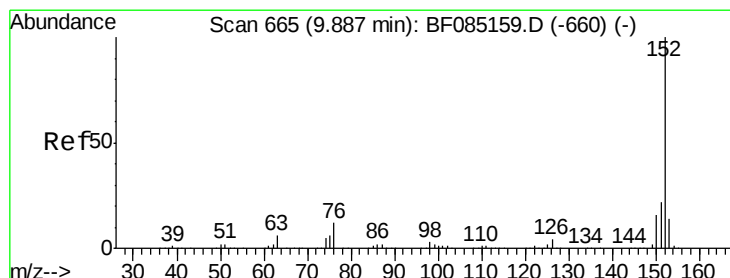
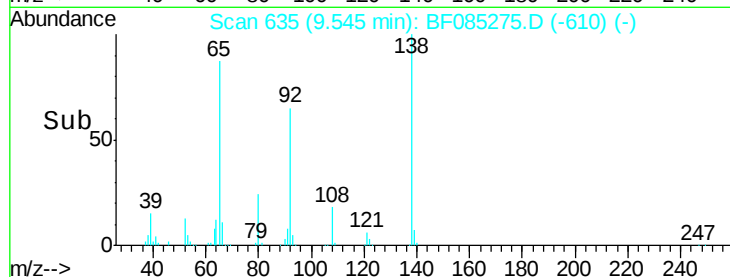
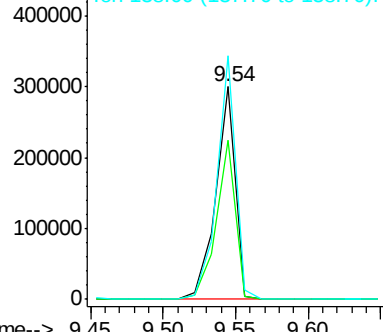
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 47.26 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF085275.D

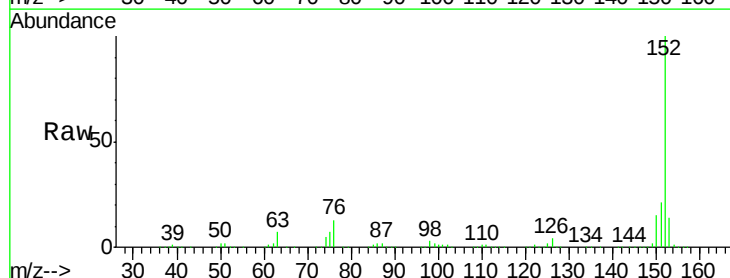
Acq: 9 Mar 2016 00:28

Tgt Ion: 152 Resp: 1307905
Ion Ratio Lower Upper

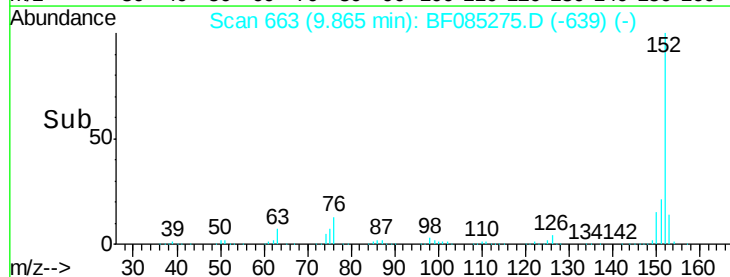
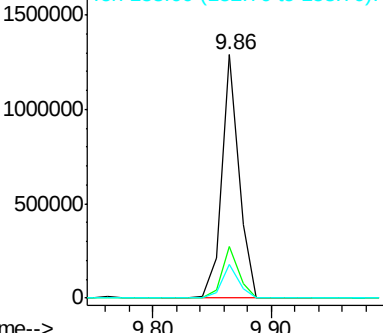
152 100

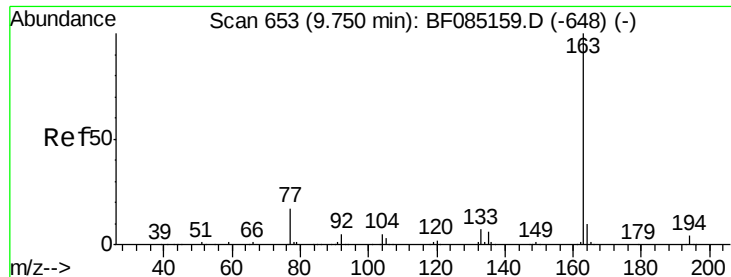
151 21.2 17.5 26.3

153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





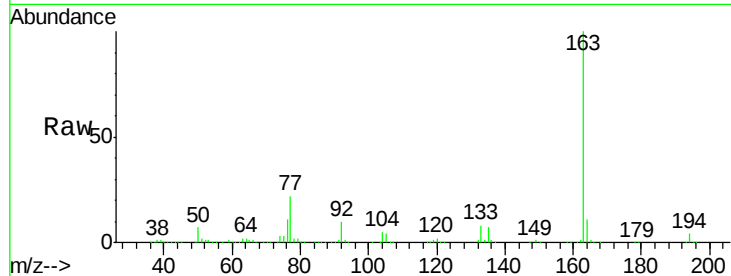
#49
Dimethylphthalate
Concen: 48.35 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

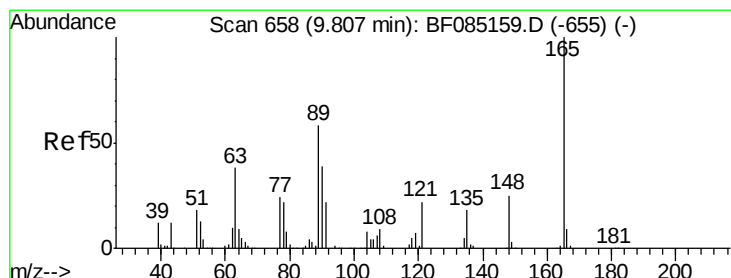
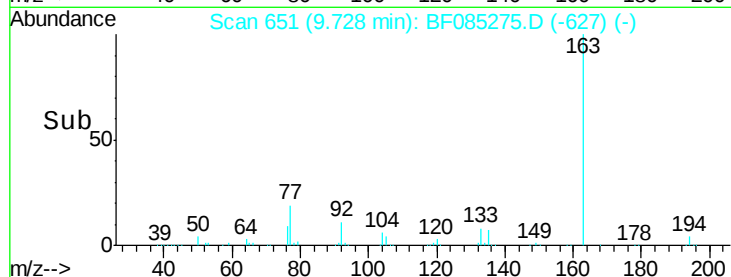
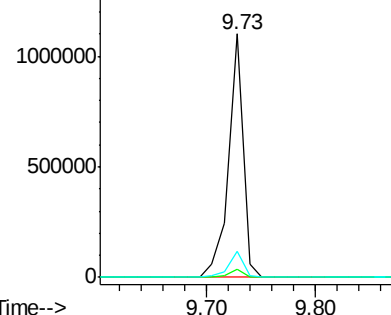
Tgt Ion:163 Resp: 1013301
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.7 8.2 12.4

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3/9/2016 3:26:49 PM

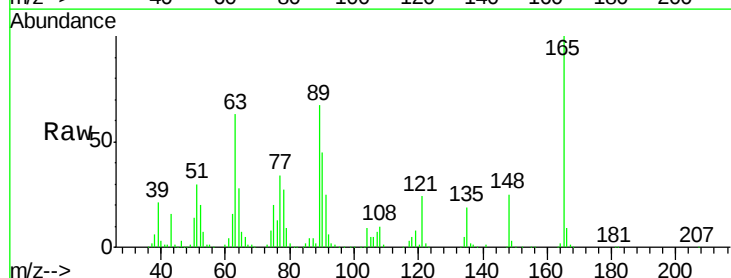


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

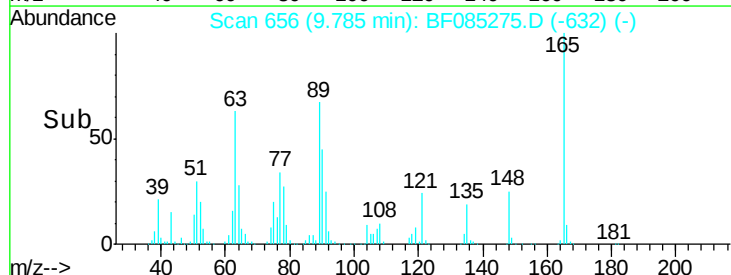
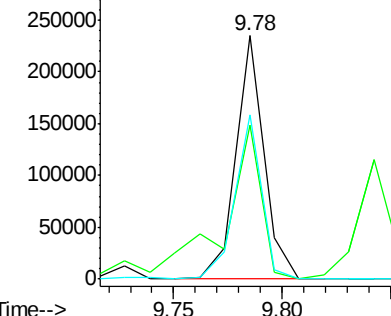


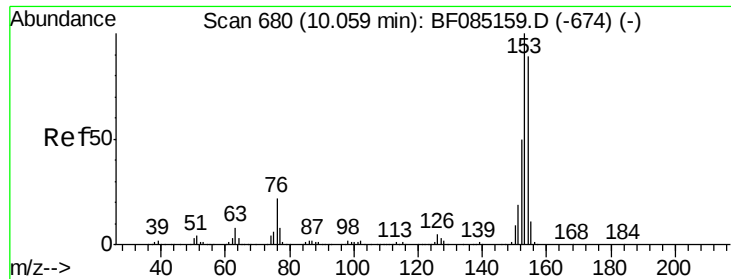
#50
2,6-Dinitrotoluene
Concen: 46.93 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion:165 Resp: 210416
Ion Ratio Lower Upper
165 100
63 63.1 41.8 62.8#
89 67.3 46.7 70.1



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 56.52 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085275.D

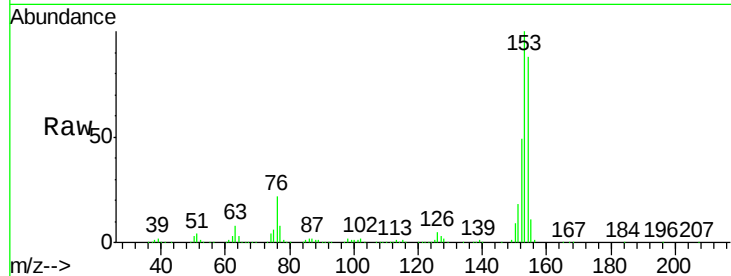
Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

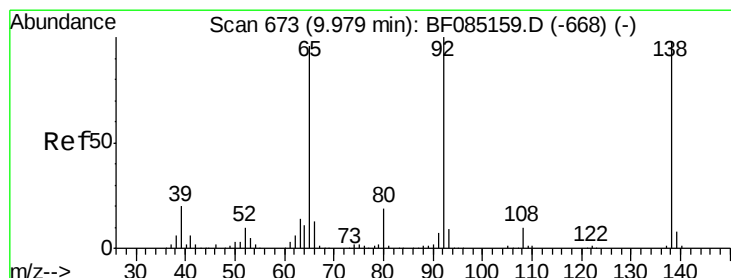
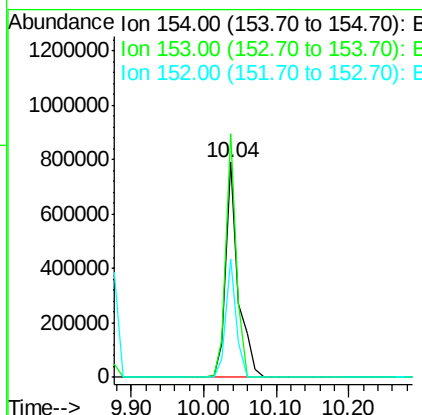
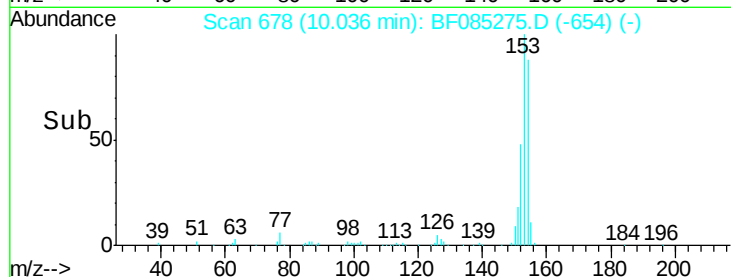
48-BRIDGE-GRID-1MSD



Tgt Ion:	154	Resp:	949827
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.8
152	55.2	44.6	66.8

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3/9/2016 3:26:49 PM



#52

3-Nitroaniline

Concen: 6.88 ng

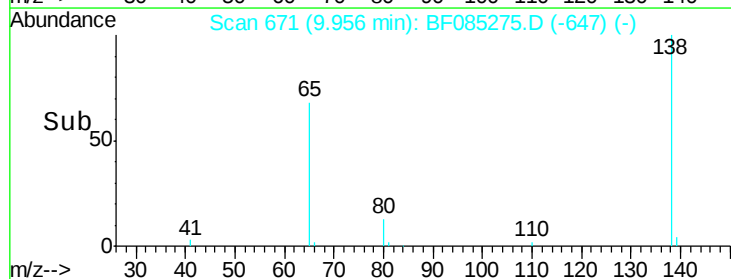
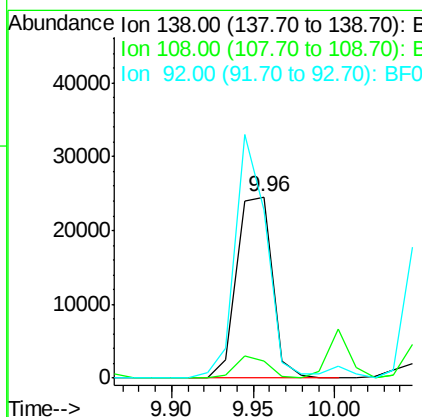
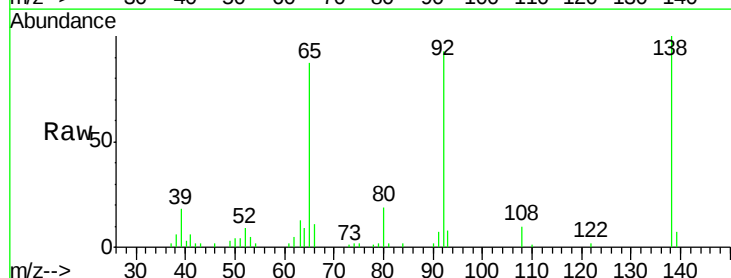
RT: 9.96 min Scan# 671

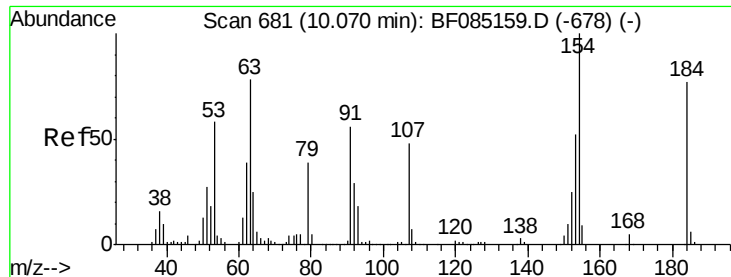
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	138	Resp:	36895
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	92.8	81.3	121.9





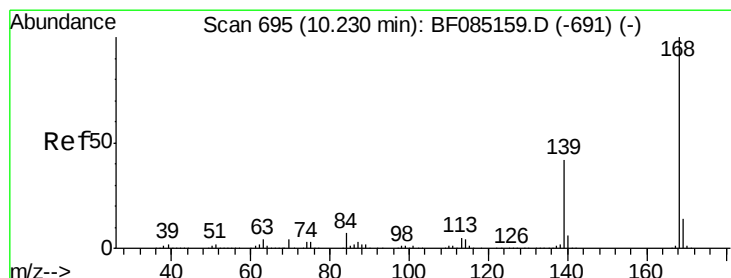
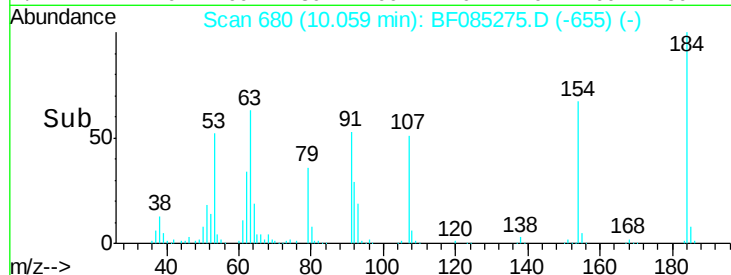
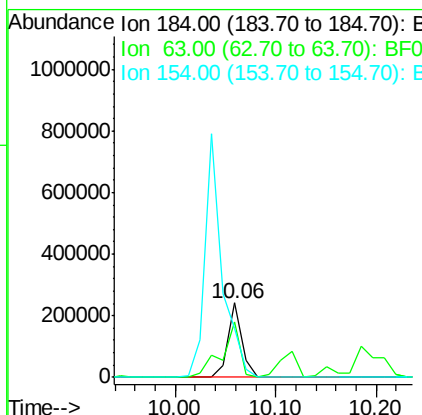
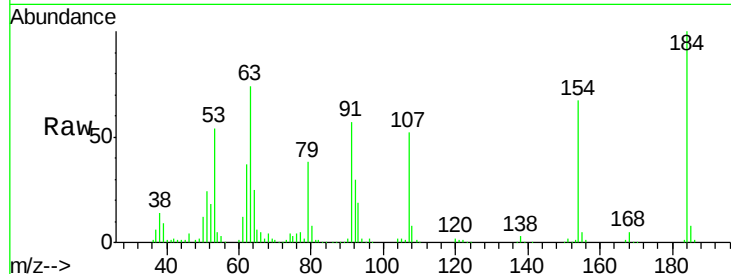
#53
 2,4-Dinitrophenol
 Concen: 102.24 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion:184 Resp: 238264
 Ion Ratio Lower Upper
 184 100
 63 74.5 82.2 123.4#
 154 66.6 108.9 163.3#

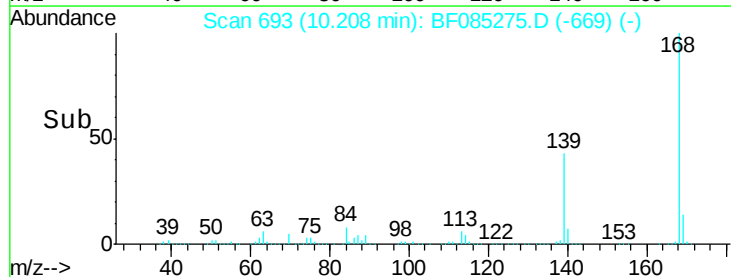
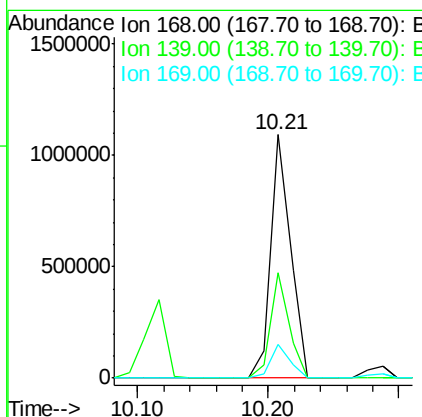
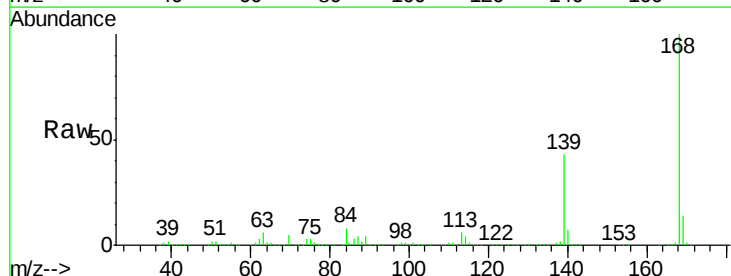
Manual Integrations
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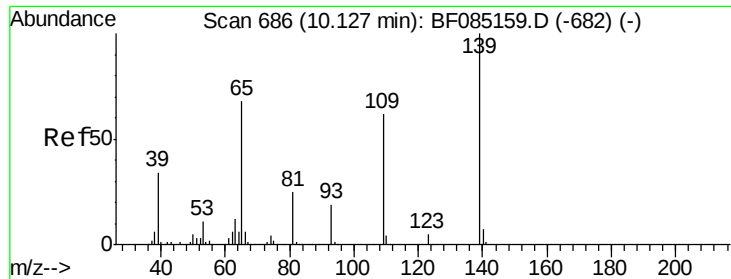
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#54
 Dibenzofuran
 Concen: 53.20 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

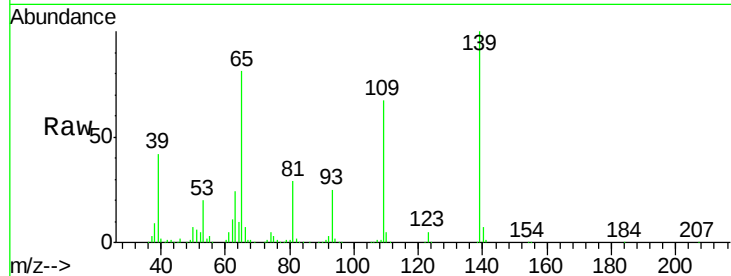
Tgt Ion:168 Resp: 1171150
 Ion Ratio Lower Upper
 168 100
 139 43.4 33.6 50.4
 169 14.0 11.2 16.8





#55
4-Nitrophenol
Concen: 93.04 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

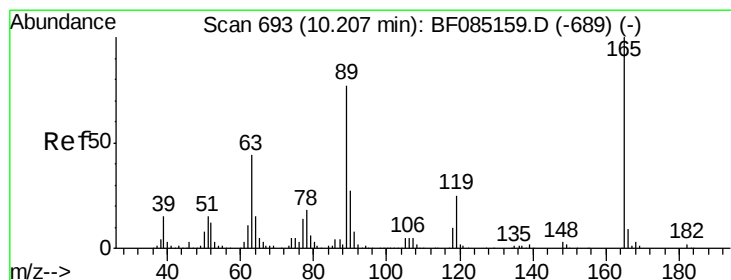
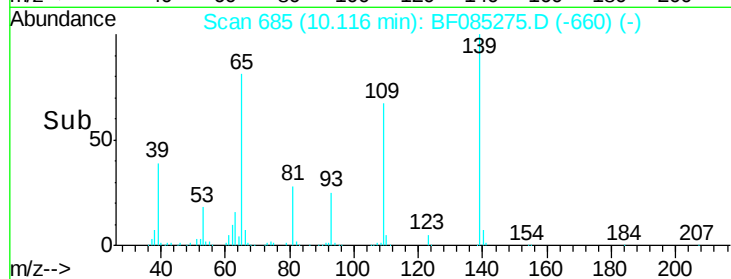
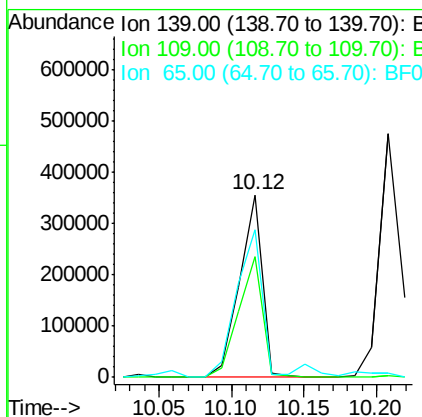
Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
139	100	392232		
109	66.5	41.9	81.9	
65	81.2	48.3	88.3	

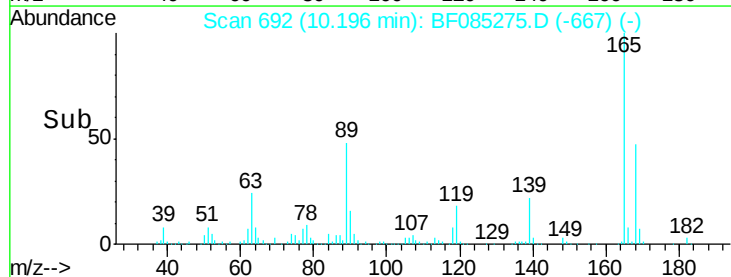
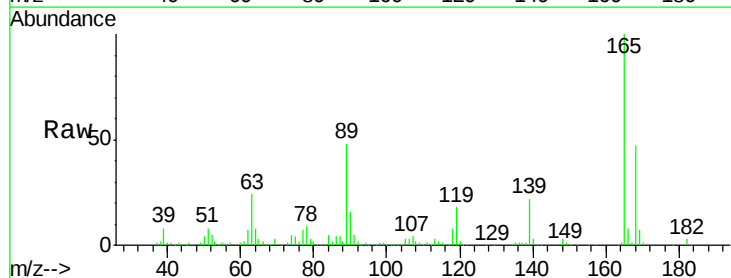
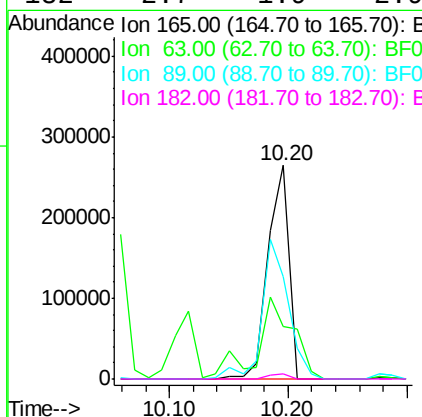
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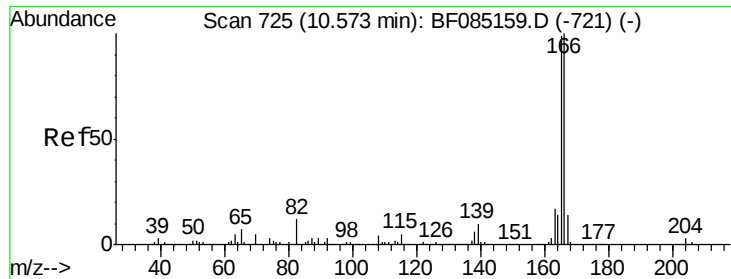
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#56
2,4-Dinitrotoluene
Concen: 56.88 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	326351		
63	24.5	35.4	53.0#	
89	47.8	61.9	92.9#	
182	2.7	1.9	2.9	





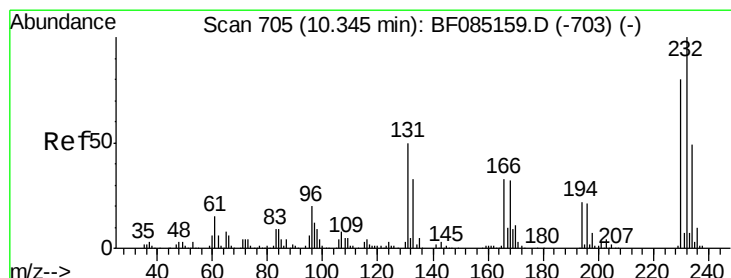
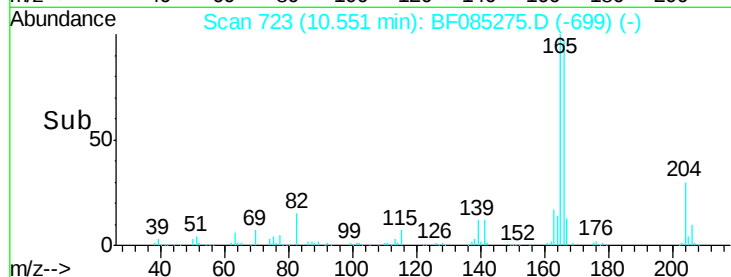
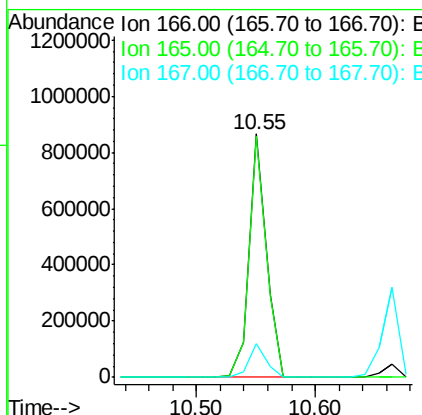
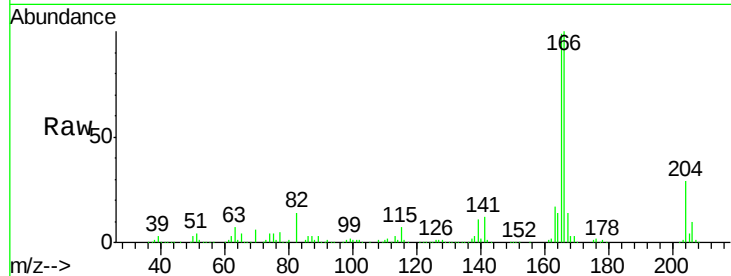
#57
Fluorene
Concen: 51.32 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	887422		
165	98.8	79.4	119.0	
167	14.0	11.0	16.6	

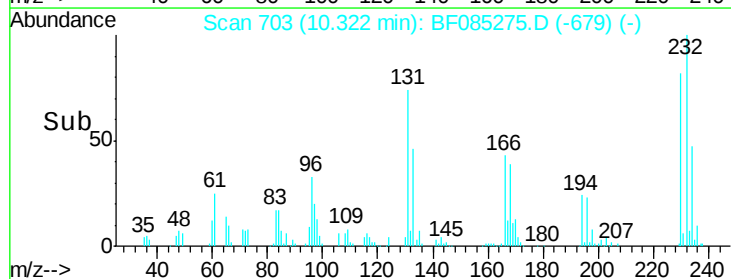
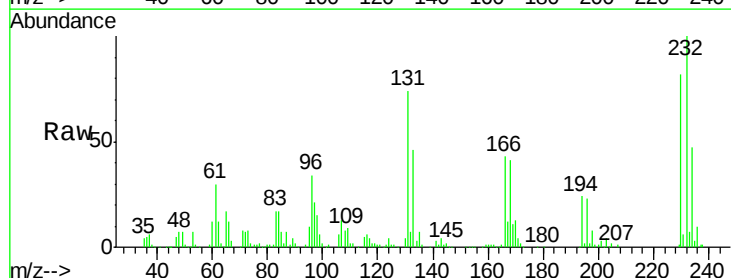
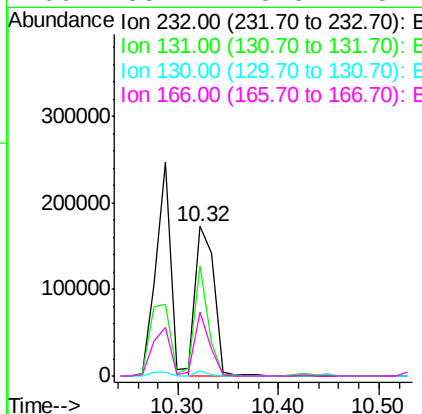
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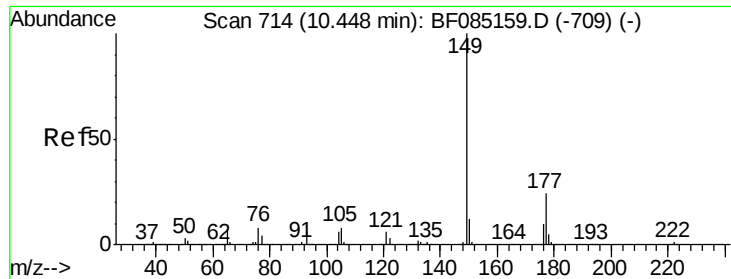
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3/9/2016 3:26:49 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 57.50 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	222640		
131	54.9	46.0	69.0	
130	2.8	2.2	3.4	
166	33.7	28.8	43.2	





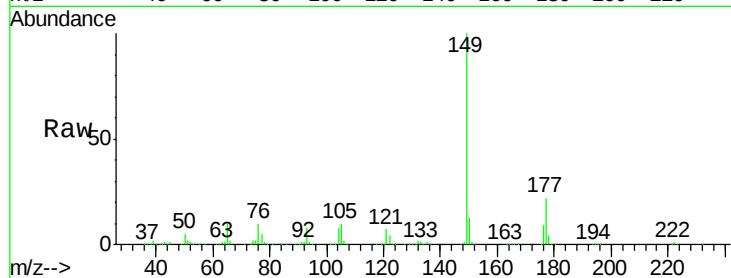
#59
Diethylphthalate
Concen: 48.92 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

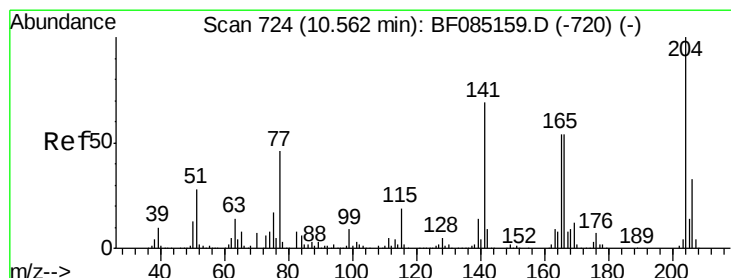
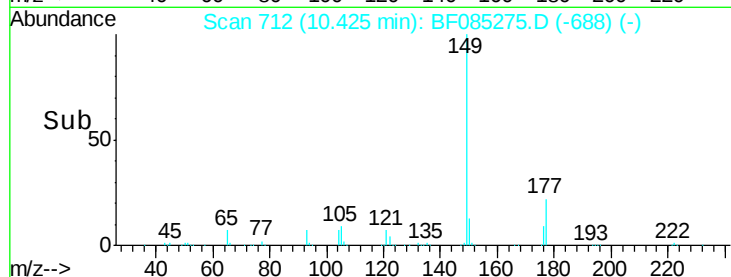
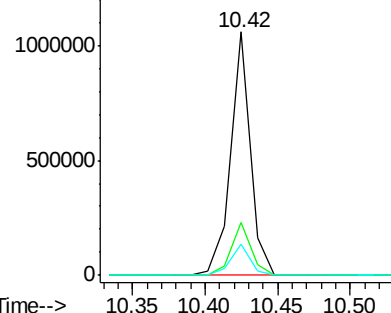
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	994889		
177	21.7	19.2	28.8	
150	13.0	9.9	14.9	

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3/9/2016 3:26:49 PM



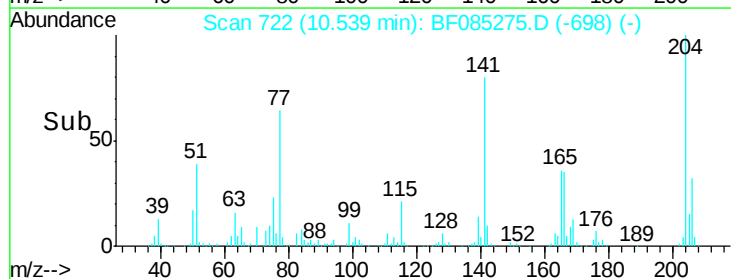
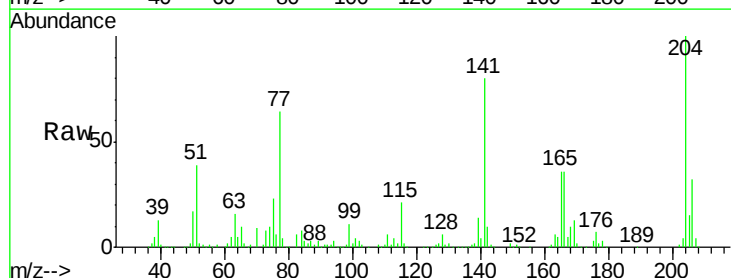
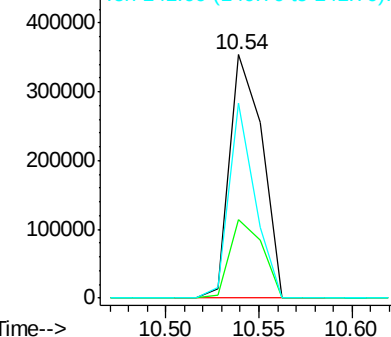
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

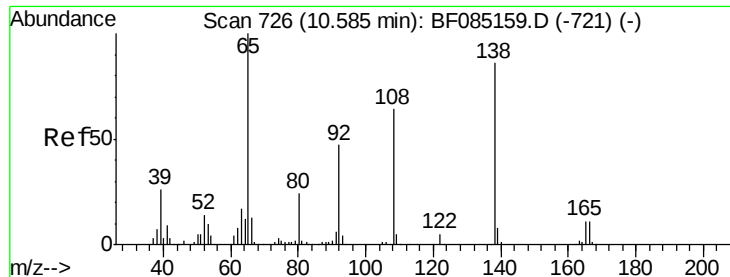


#60
4-Chlorophenyl-phenylether
Concen: 50.74 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	426948		
206	32.0	26.5	39.7	
141	80.2	55.4	83.2	

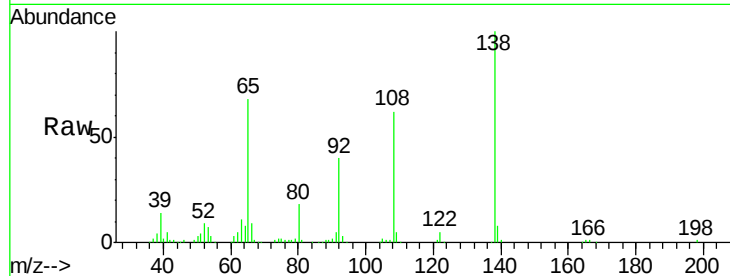
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 40.89 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

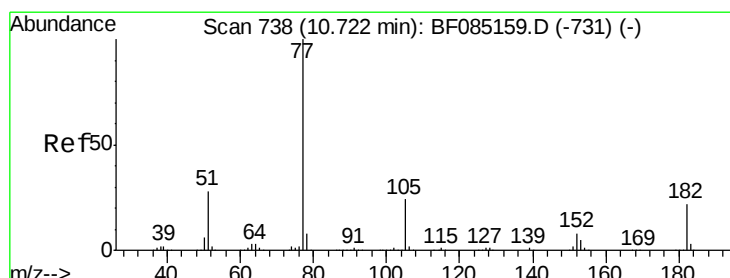
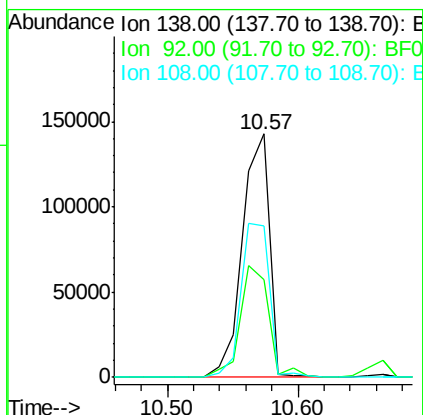
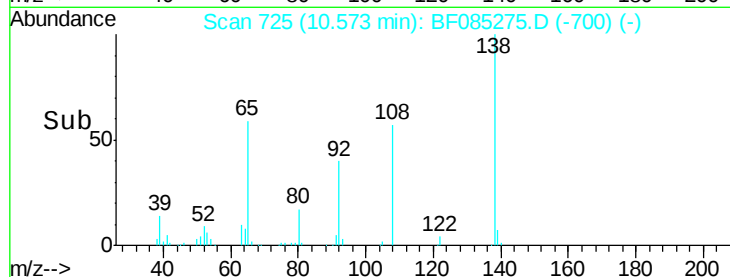
Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205154		
92	39.9	34.2	74.2	
108	62.3	53.9	93.9	

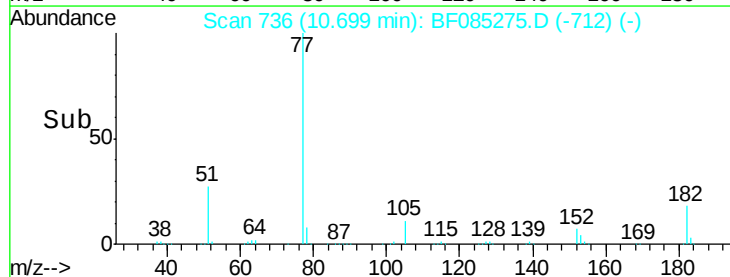
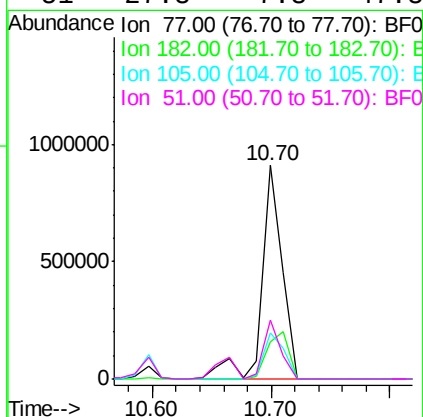
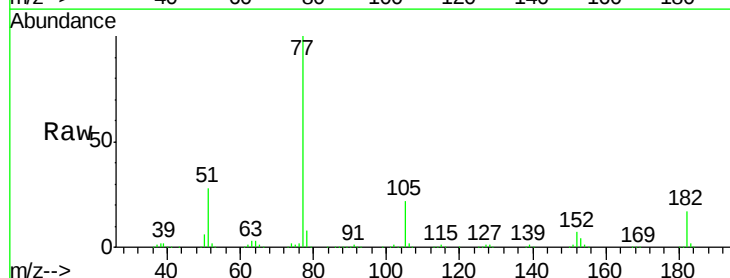
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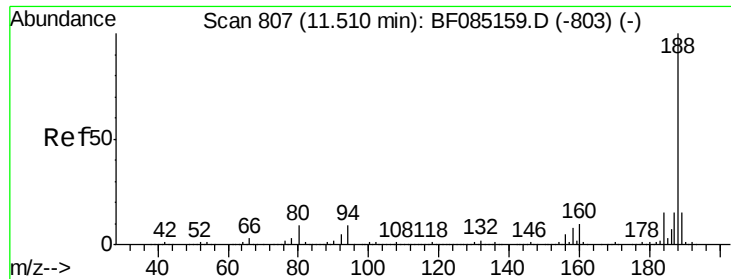
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3/9/2016 3:26:49 PM



#62
Azobenzene
Concen: 54.38 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1089563		
182	17.4	2.1	42.1	
105	21.9	3.8	43.8	
51	27.8	7.8	47.8	





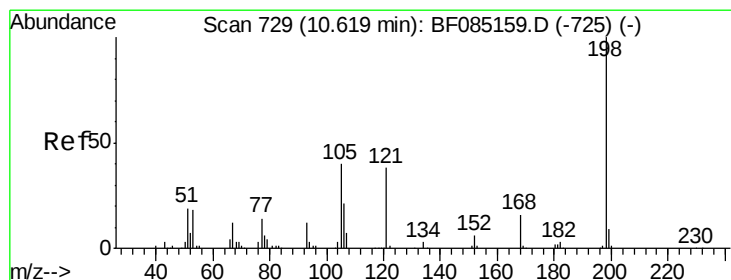
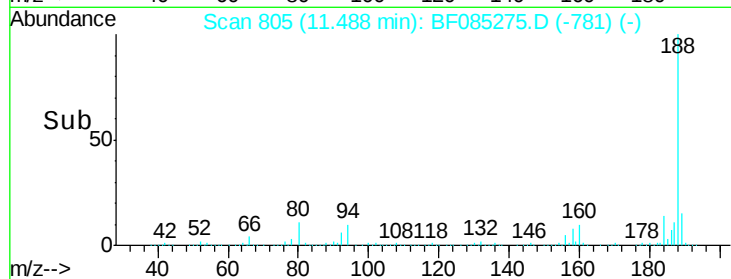
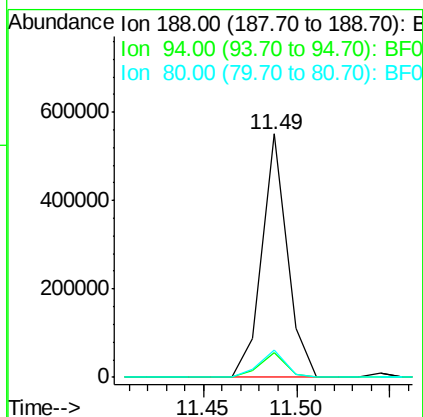
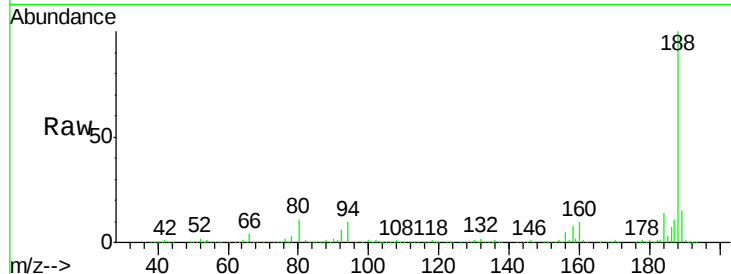
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	517134		
94	10.4	7.0	10.6	
80	11.0	7.4	11.0	

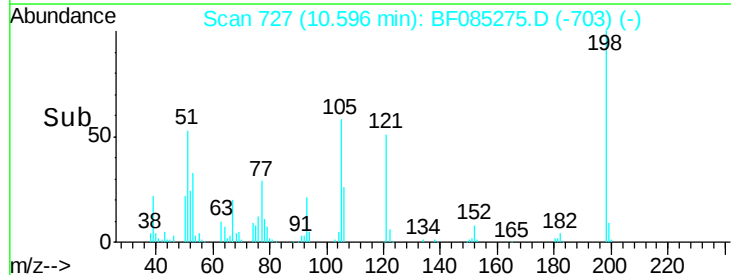
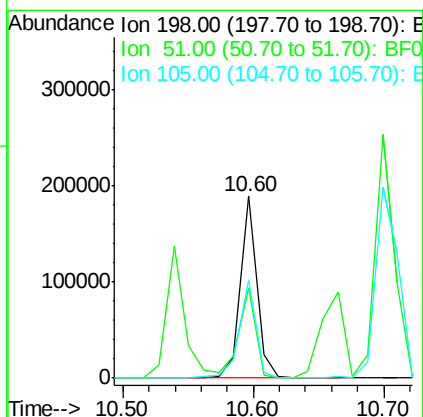
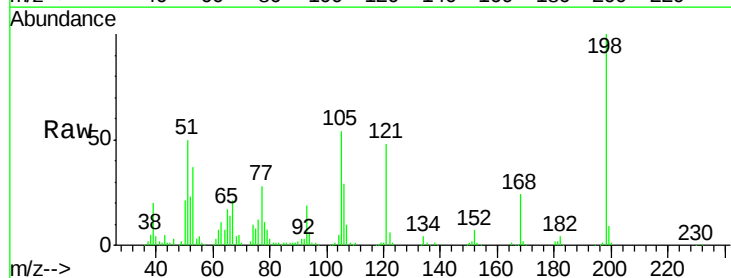
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3/9/2016 3:26:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 52.95 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163961		
51	49.7	9.5	49.5#	
105	53.9	20.5	60.5	





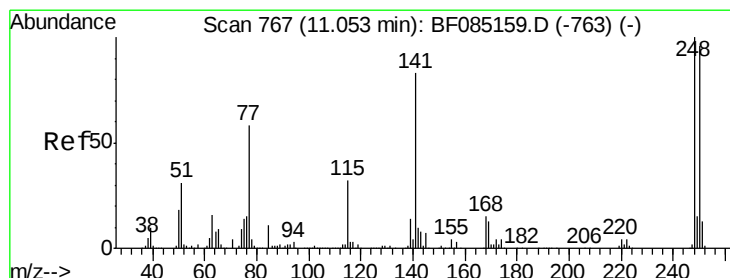
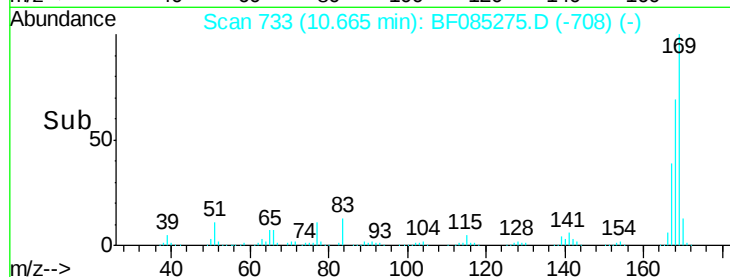
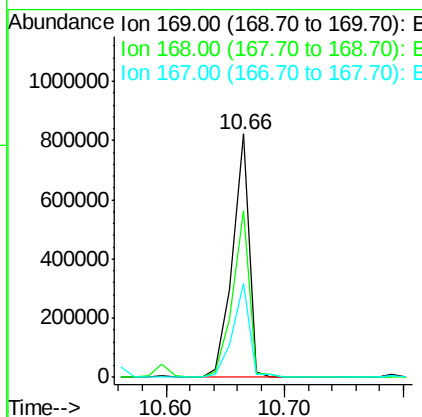
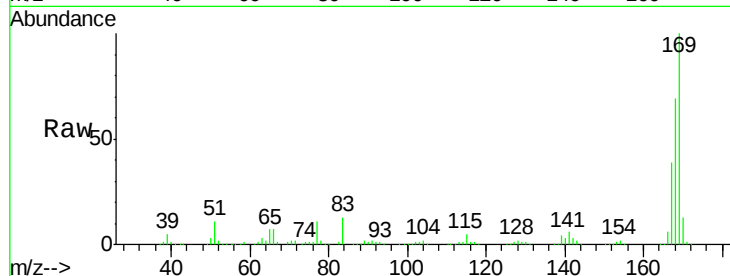
#65
 n-Nitrosodiphenylamine
 Concen: 49.79 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	800797		
168	68.7	54.8	82.2	
167	38.7	30.3	45.5	

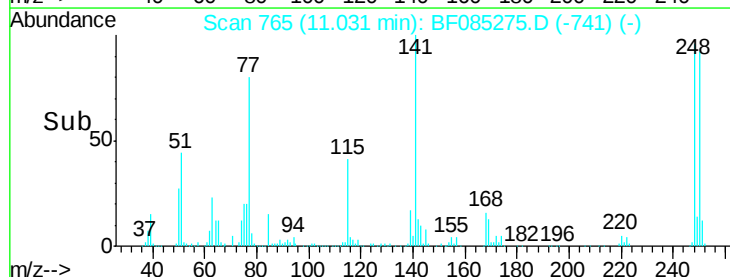
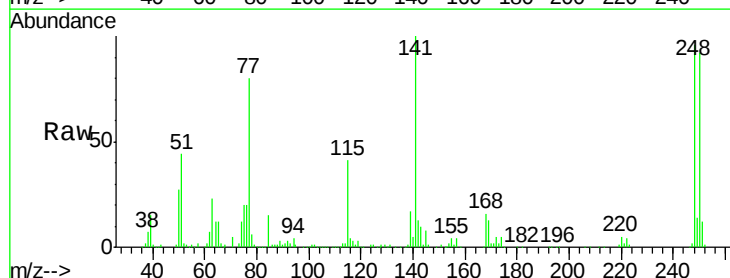
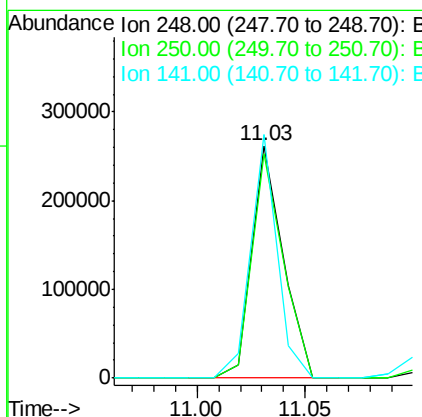
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 3/9/2016 3:26:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 52.05 ng
 RT: 11.03 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261386		
250	96.2	77.1	115.7	
141	104.7	66.2	99.2#	





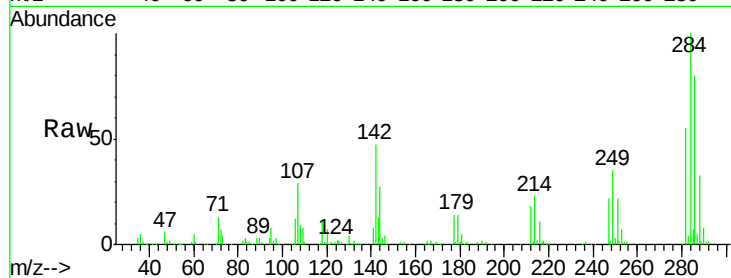
#67
Hexachlorobenzene
Concen: 50.68 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

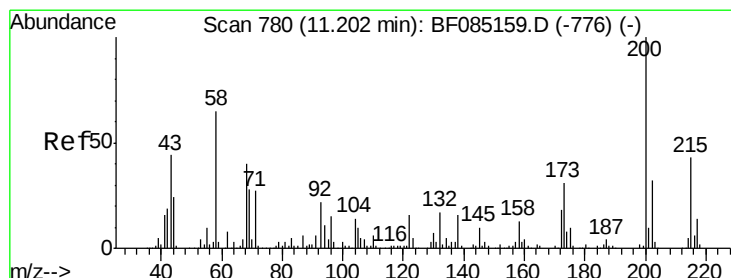
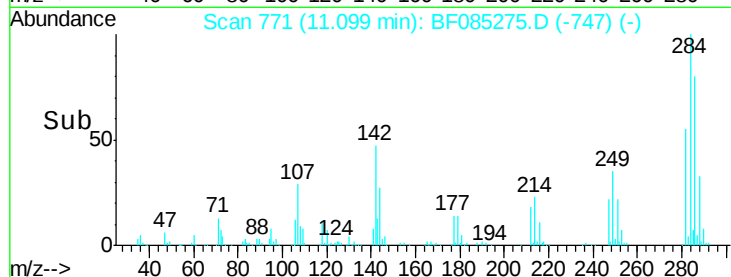
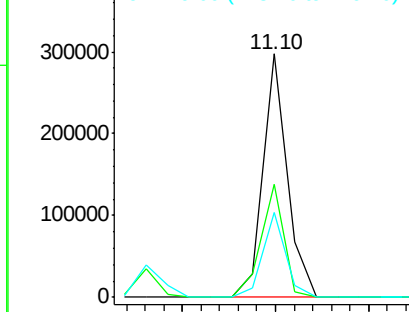
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	46.5	24.9	37.3#
249	34.7	25.0	37.4

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3/9/2016 3:26:49 PM

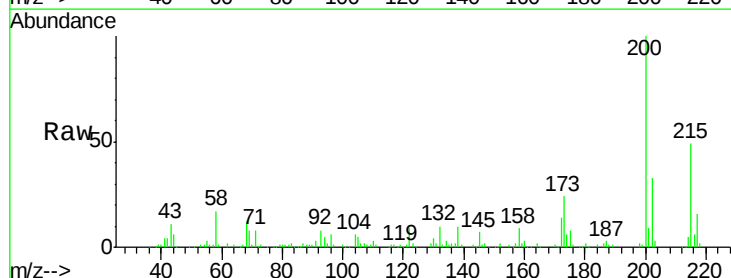


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

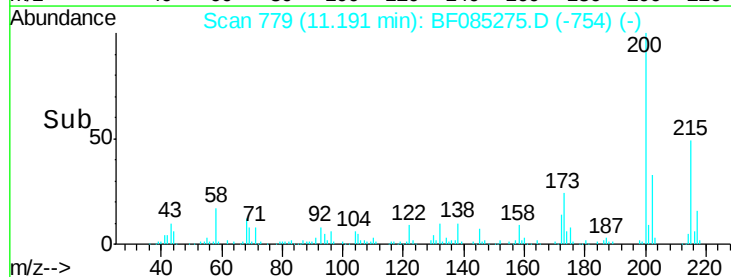
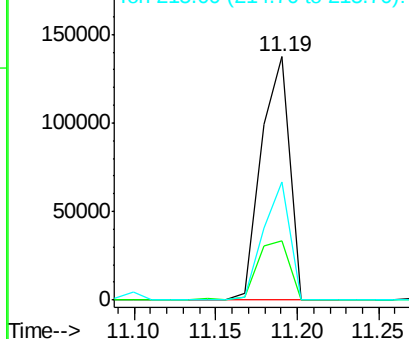


#68
Atrazine
Concen: 36.96 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	10.5	50.5
215	48.7	23.4	63.4



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





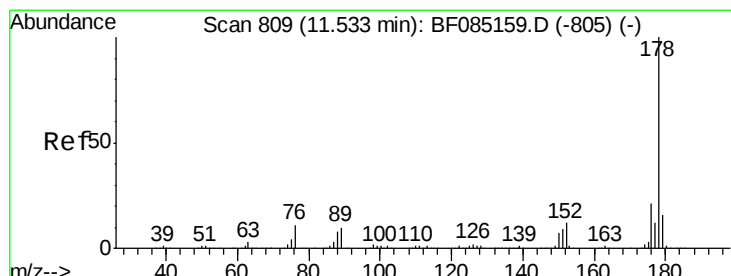
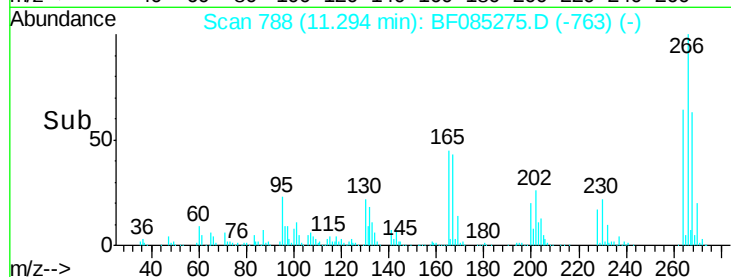
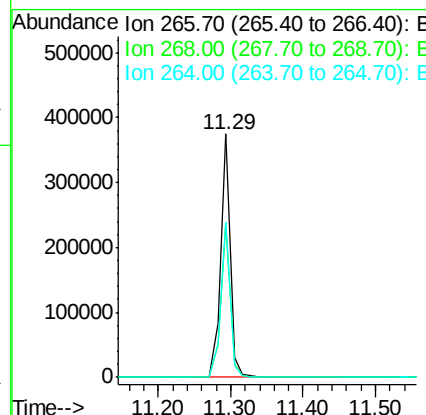
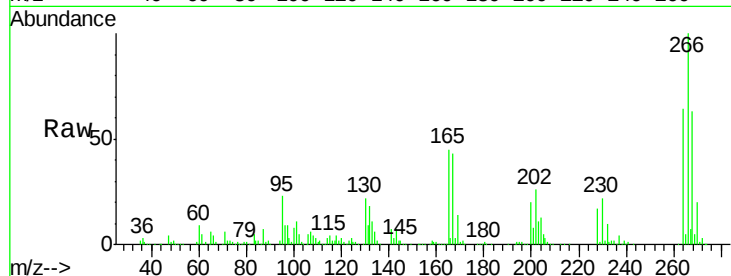
#69
 Pentachlorophenol
 Concen: 115.94 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.0	75.0
264	63.9	51.4	77.2

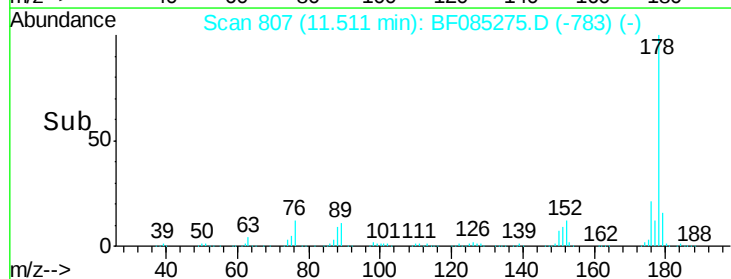
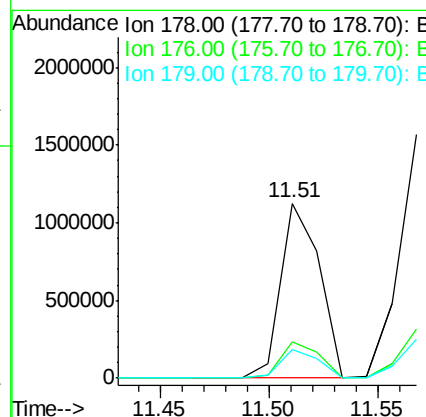
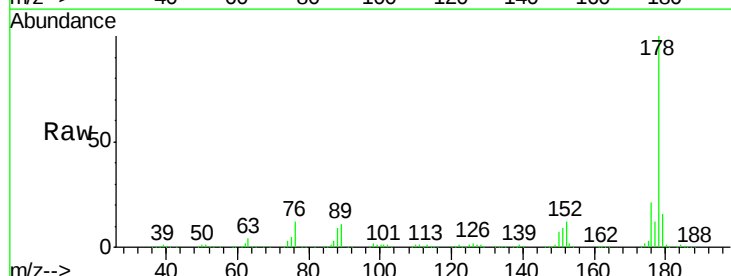
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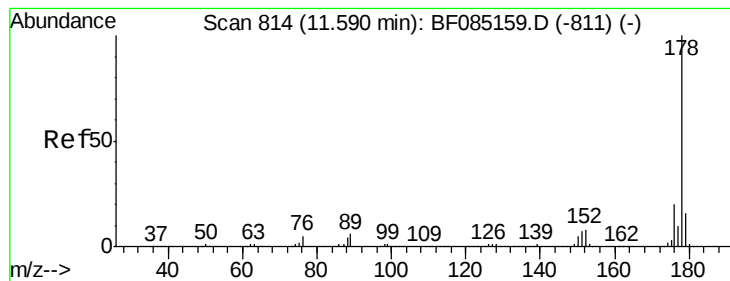
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 3/9/2016 3:26:49 PM



#70
 Phenanthrene
 Concen: 51.87 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	16.4	13.1	19.7





#71

Anthracene

Concen: 50.48 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

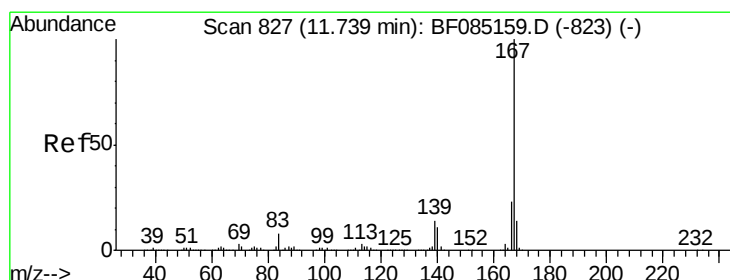
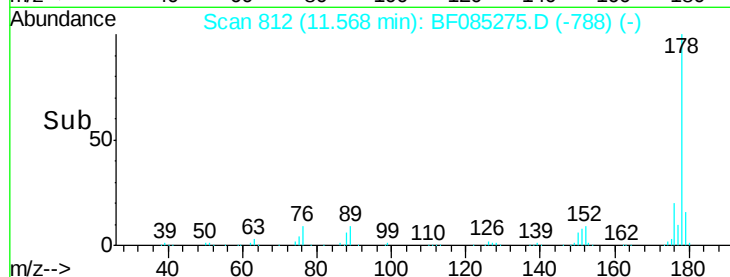
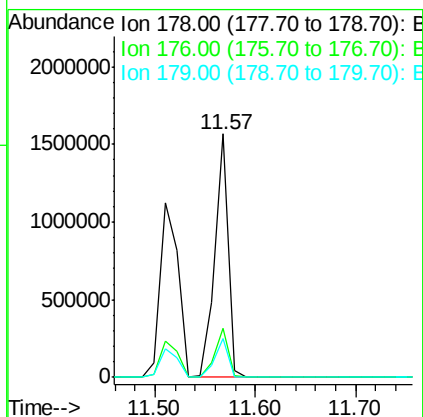
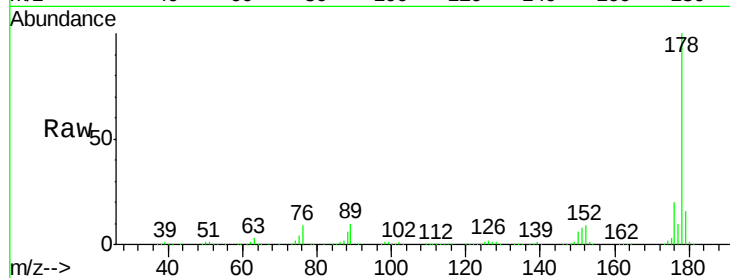
48-BRIDGE-GRID-1MSD

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3/9/2016 3:26:49 PM

Tgt Ion:	178	Resp:	1452399
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.1	12.5	18.7



#72

Carbazole

Concen: 40.11 ng

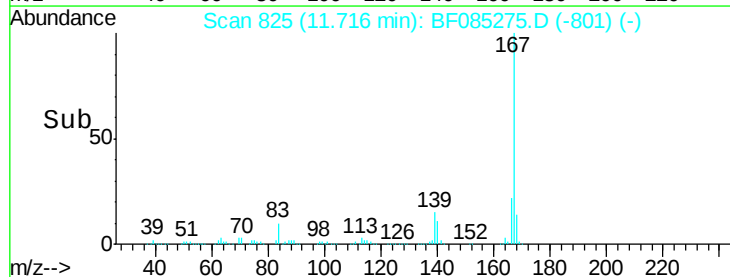
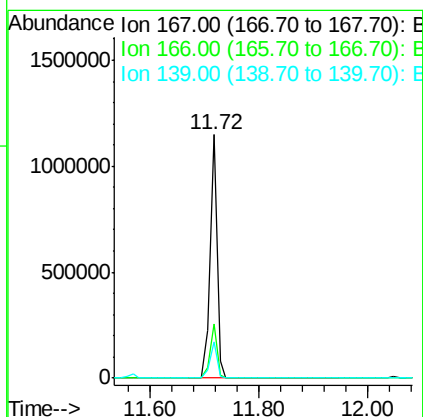
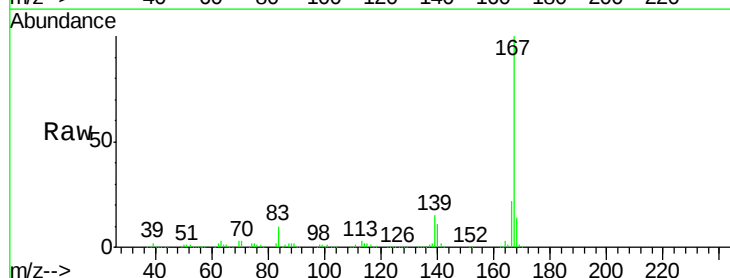
RT: 11.72 min Scan# 825

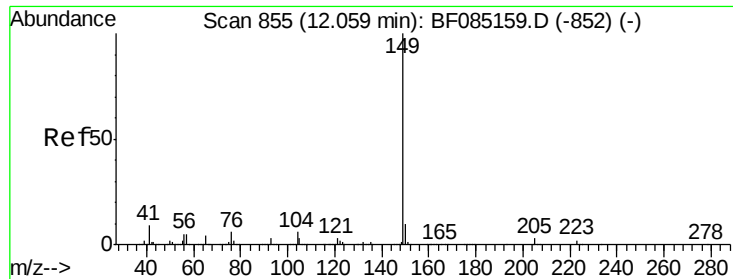
Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	167	Resp:	1011885
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	14.9	11.4	17.0





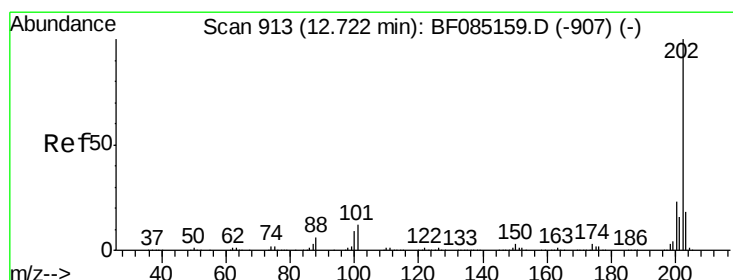
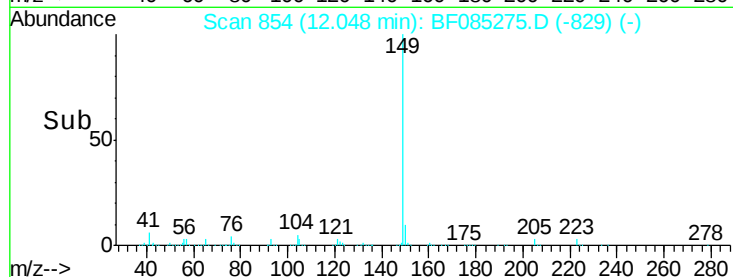
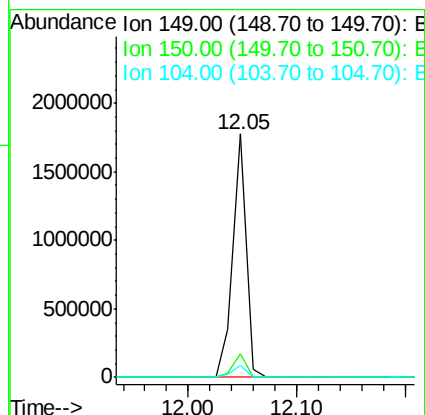
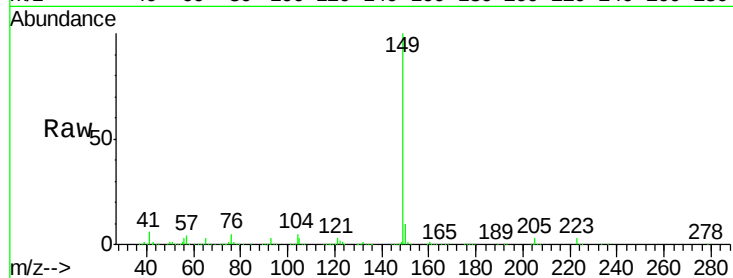
#73
Di-n-butylphthalate
Concen: 47.11 ng
RT: 12.05 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	4.7	7.1

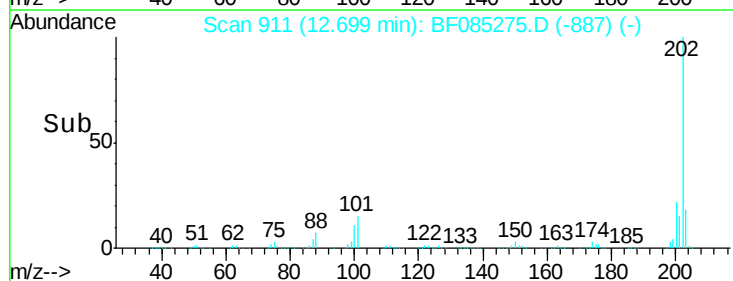
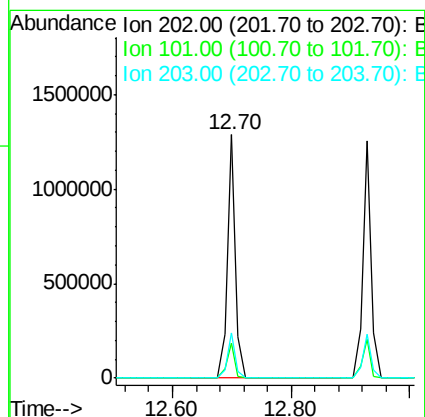
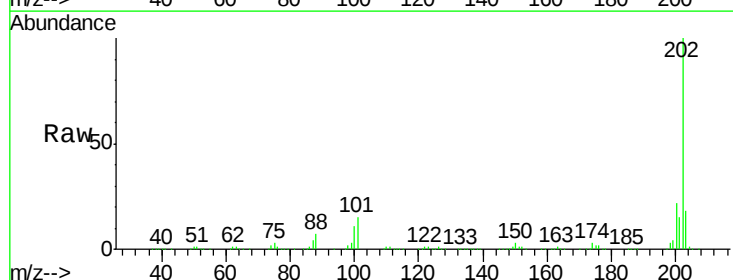
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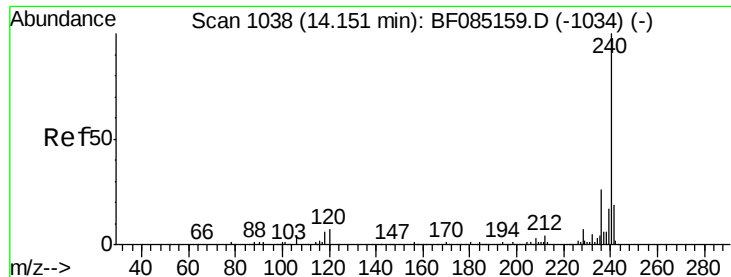
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3/9/2016 3:26:49 PM



#74
Fluoranthene
Concen: 44.38 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	31.8
203	18.4	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

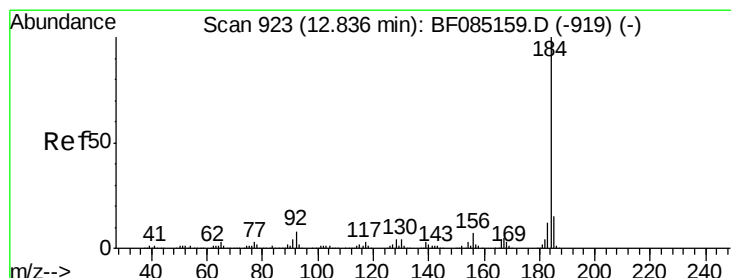
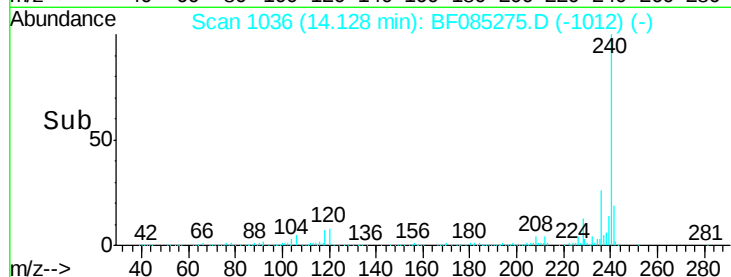
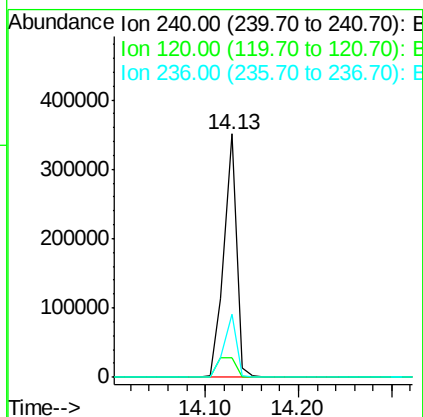
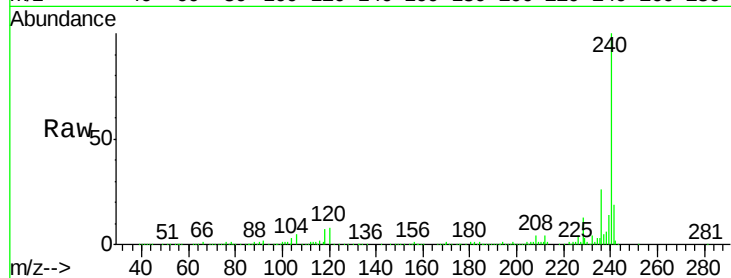
ClientSampleId :

48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.3	7.9#
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 6.25 ng

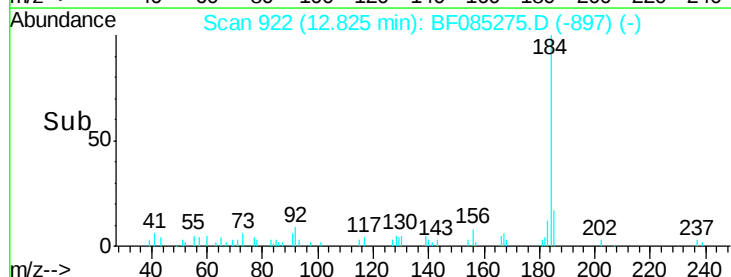
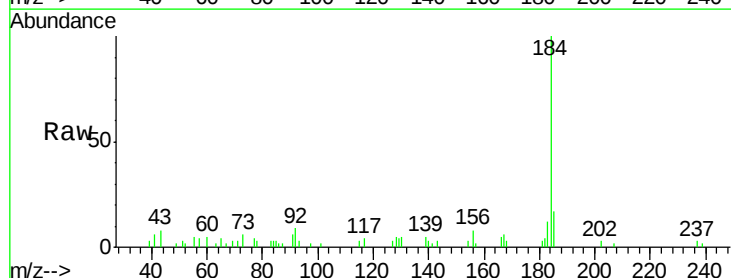
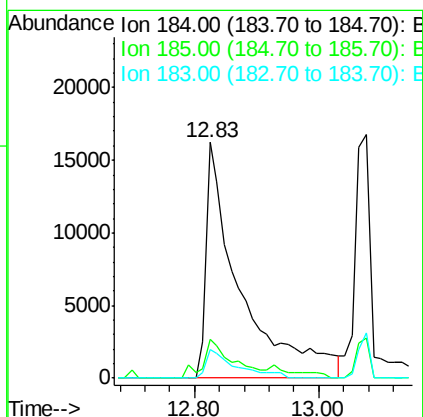
RT: 12.83 min Scan# 922

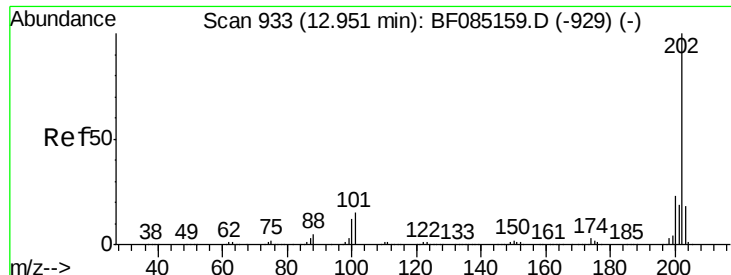
Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.4	18.6
183	12.1	9.4	14.2





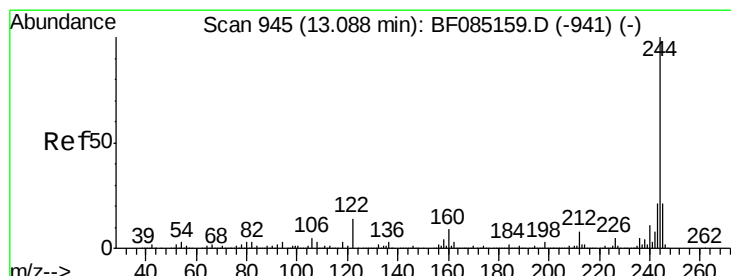
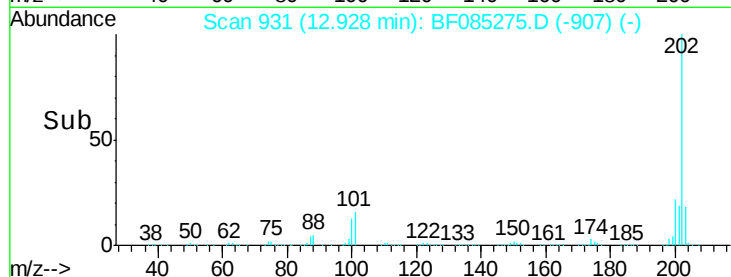
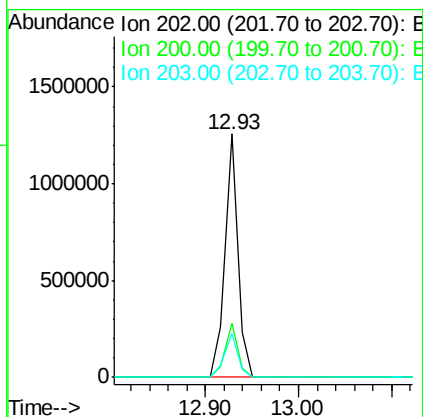
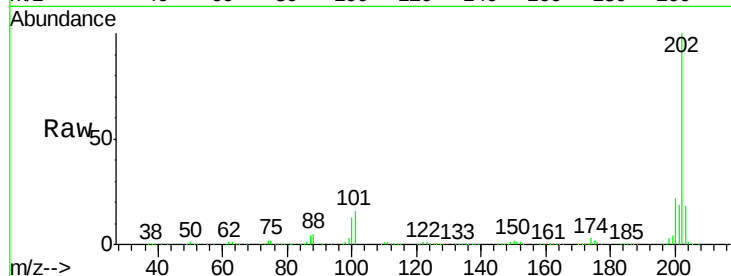
#77
 Pyrene
 Concen: 48.60 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

Tgt Ion: 202 Resp: 1216720
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 18.3 14.7 22.1

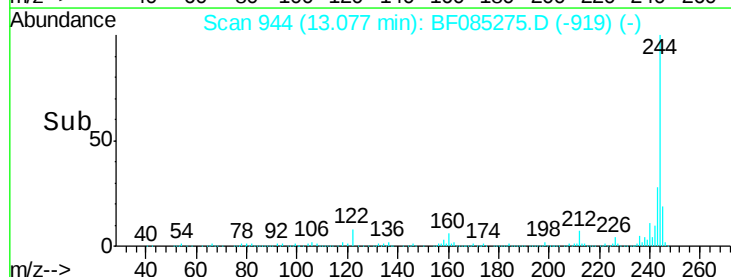
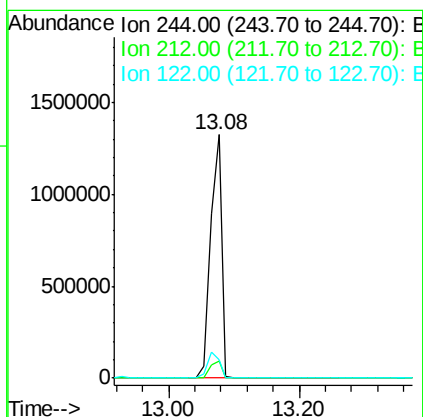
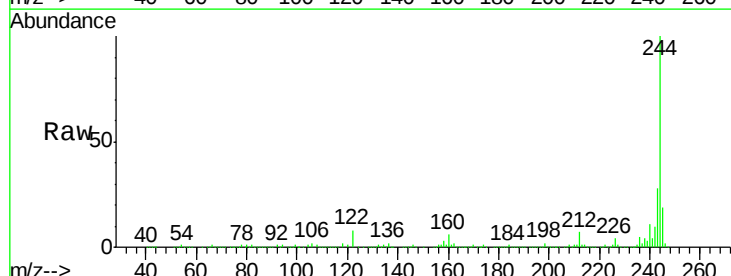
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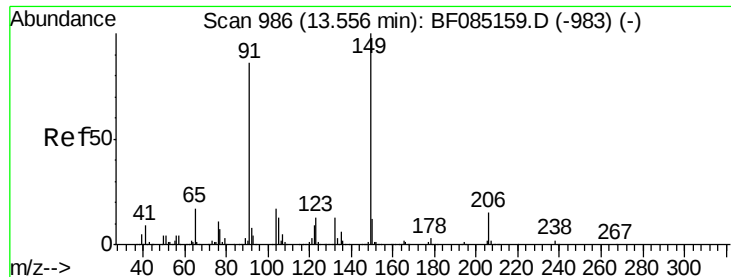
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#78
 Terphenyl-d14
 Concen: 110.29 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion: 244 Resp: 1580313
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 7.7 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 54.73 ng

RT: 13.55 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085275.D

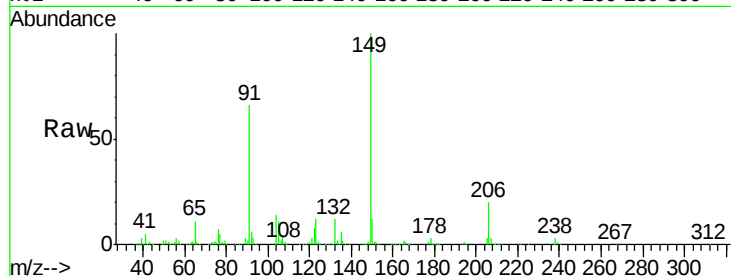
Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MSD



Tgt Ion:149 Resp: 621746

Ion Ratio Lower Upper

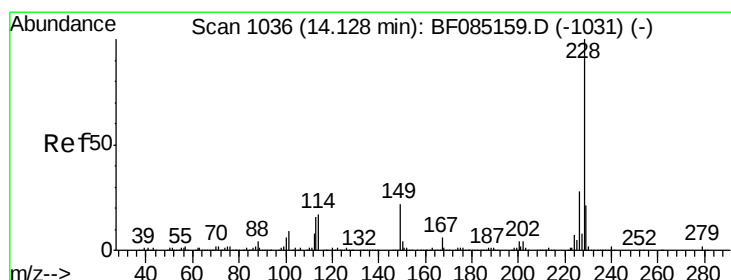
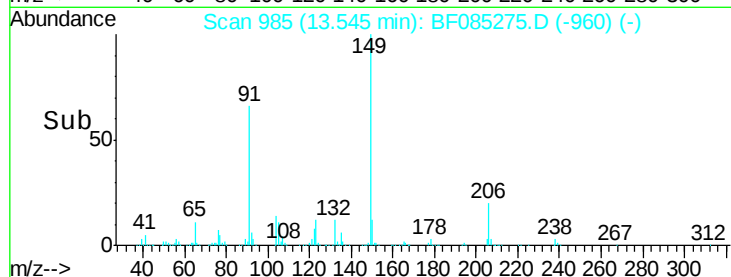
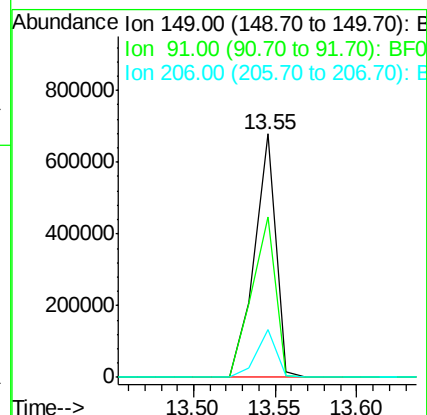
149 100

91 65.8 69.0 103.4#

206 19.7 12.3 18.5#

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#80

Benzo(a)anthracene

Concen: 49.28 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

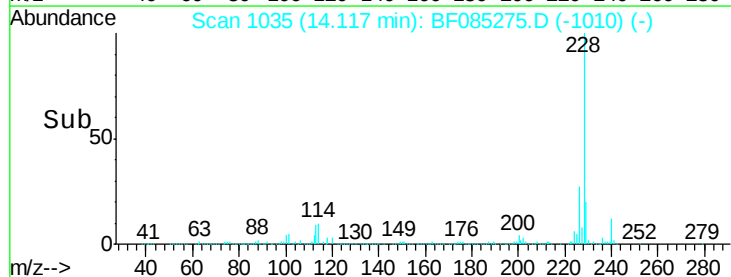
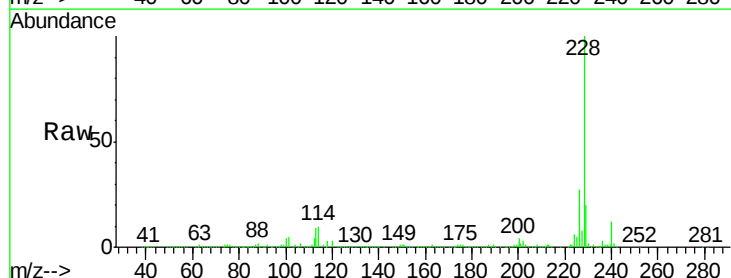
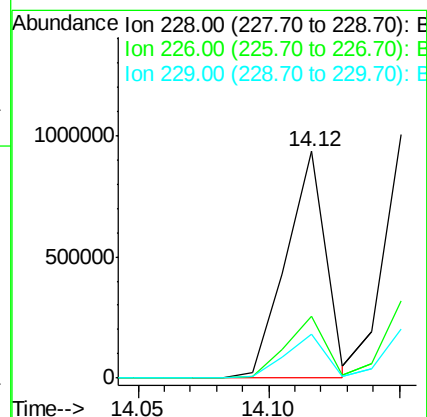
Tgt Ion:228 Resp: 981330

Ion Ratio Lower Upper

228 100

226 27.5 22.8 34.2

229 19.7 16.6 24.8





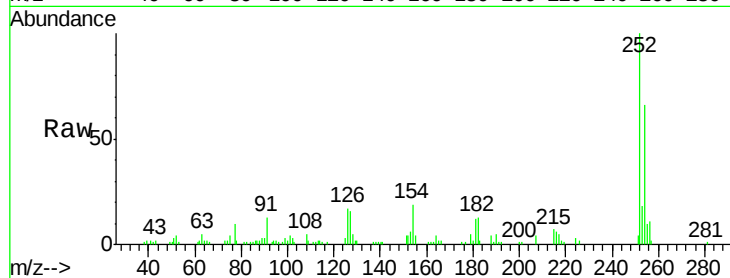
#81
 3,3'-Dichlorobenzidine
 Concen: 6.24 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD

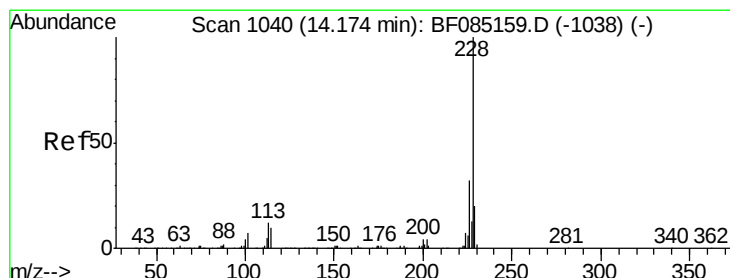
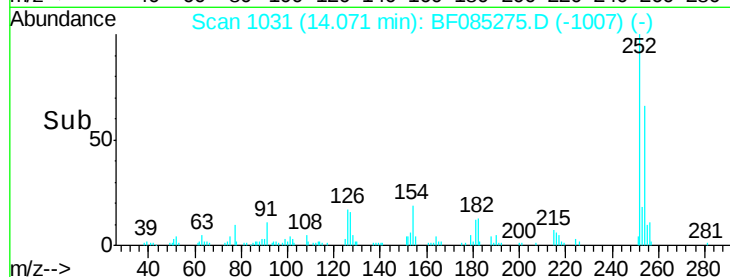
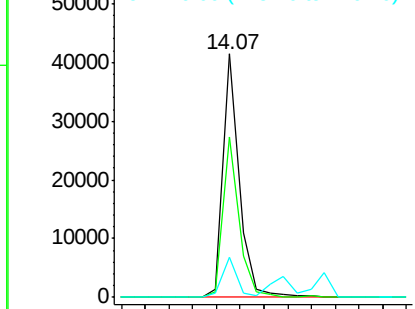
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.4	77.0
126	16.6	12.9	19.3

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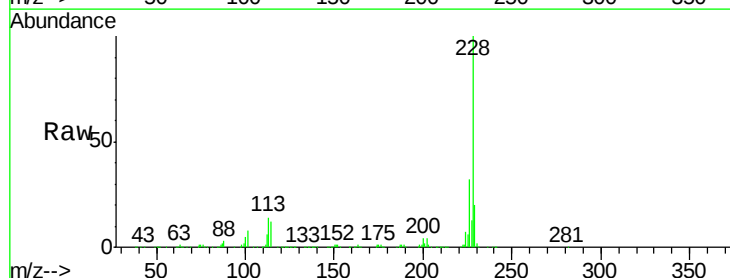


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

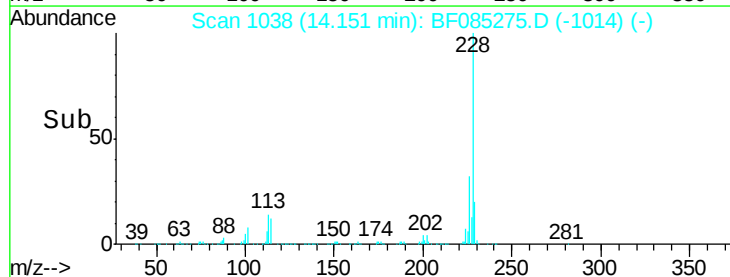
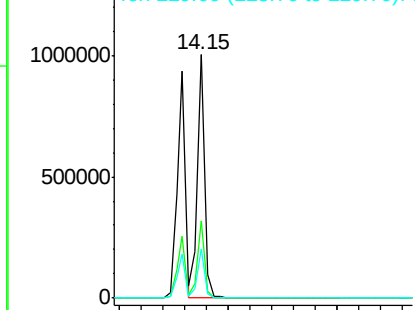


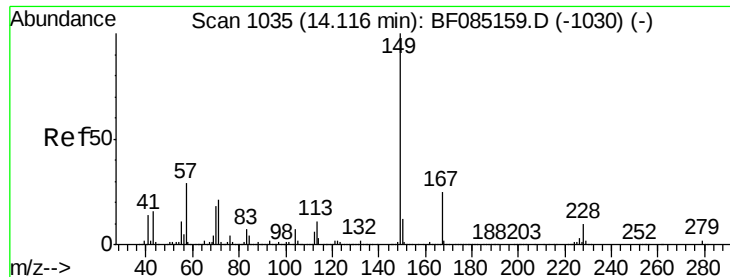
#82
 Chrysene
 Concen: 49.27 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	20.3	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.07 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085275.D

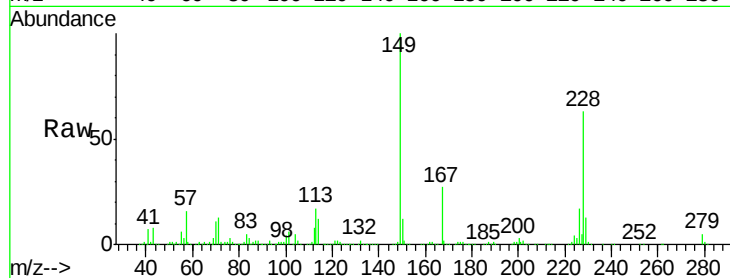
Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

ClientSampleId :

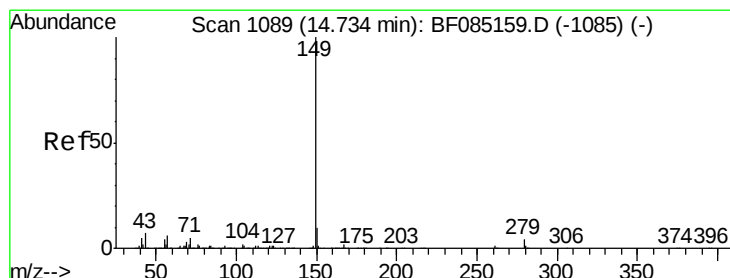
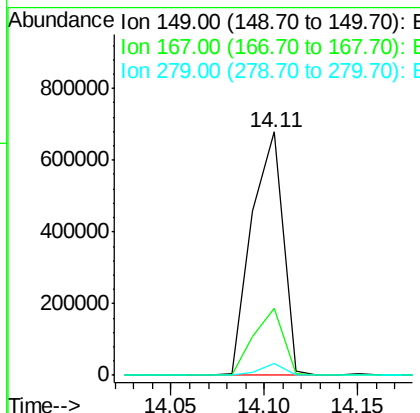
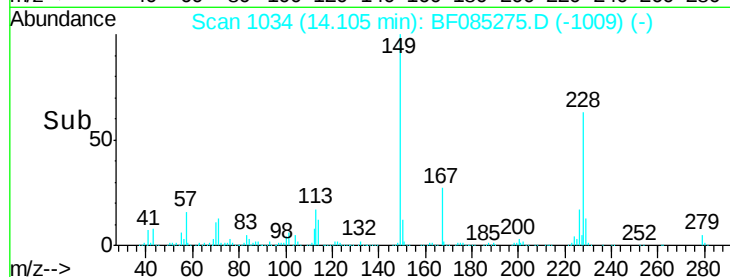
48-BRIDGE-GRID-1MSD



Tgt Ion:	149	Resp:	793326
Ion Ratio	Lower	Upper	
149	100		
167	27.5	20.3	30.5
279	4.7	1.9	2.9

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3/9/2016 3:26:49 PM



#84

Di-n-octyl phthalate

Concen: 53.59 ng

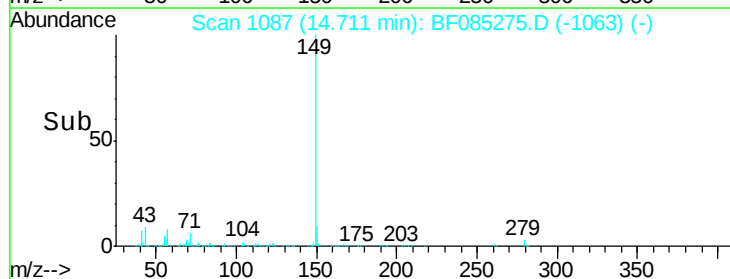
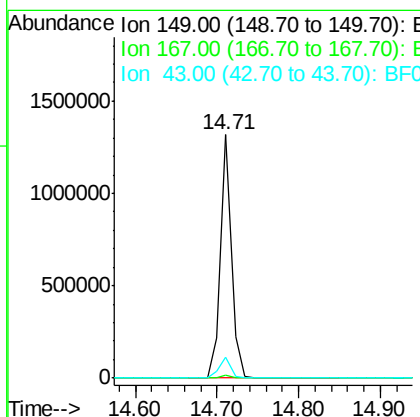
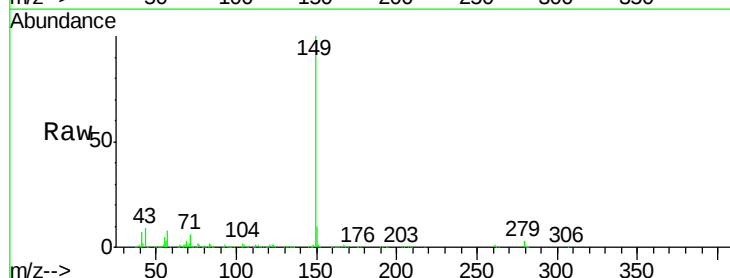
RT: 14.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

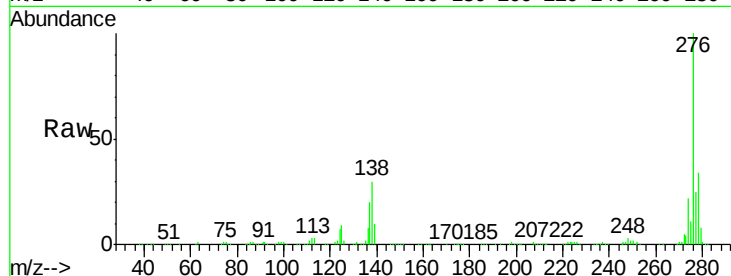
Tgt Ion:	149	Resp:	1220023
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.0	7.8	11.8





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.34 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

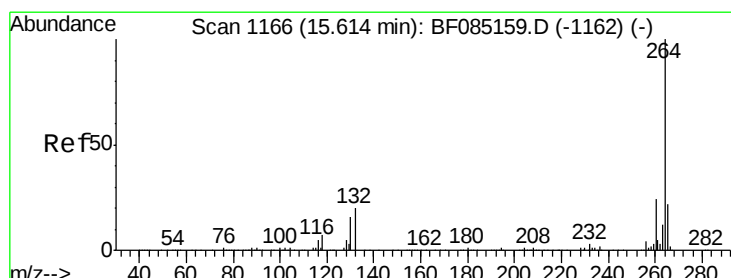
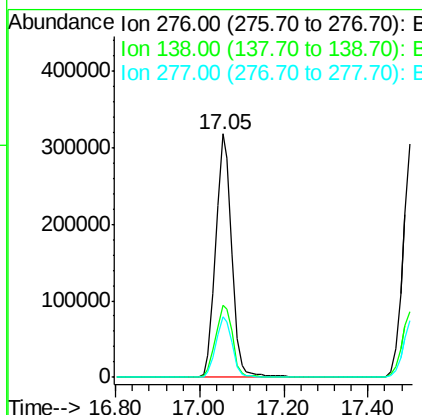
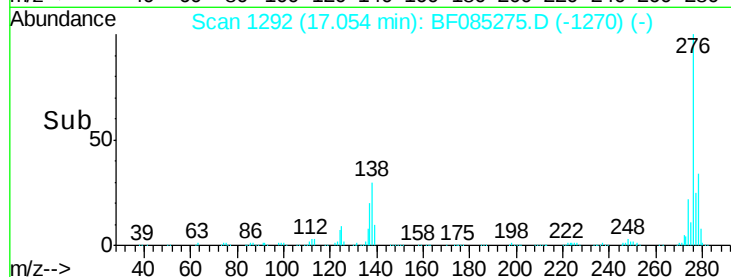
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	26.4	39.6
277	25.4	20.2	30.2

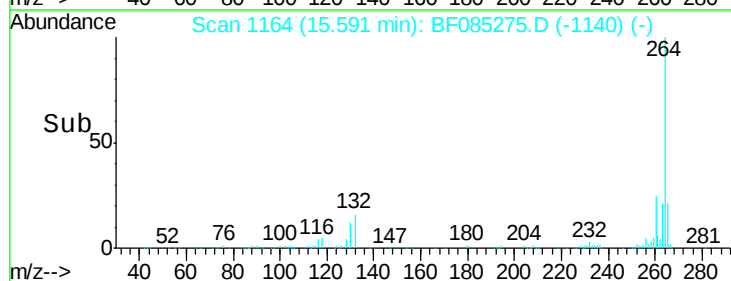
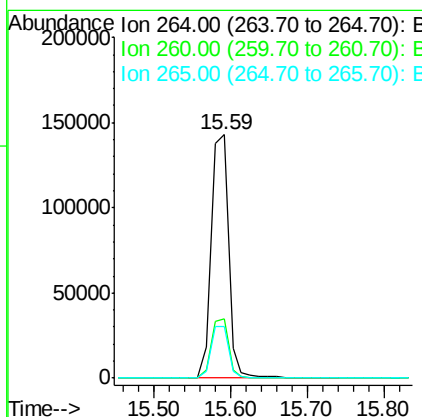
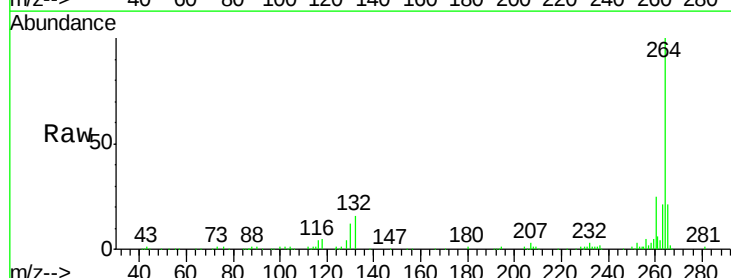
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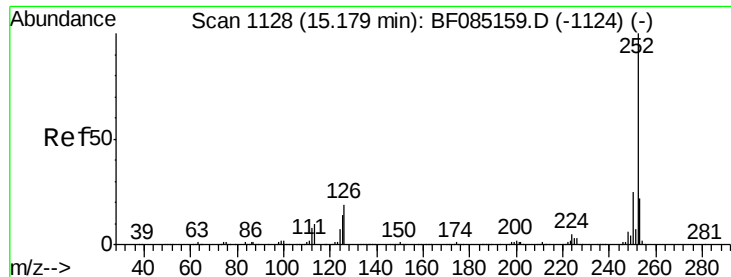
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085275.D
 Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.3	25.9





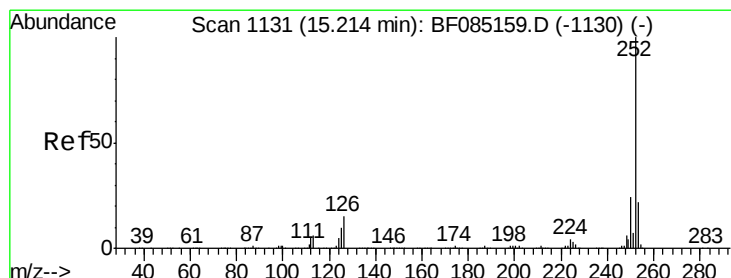
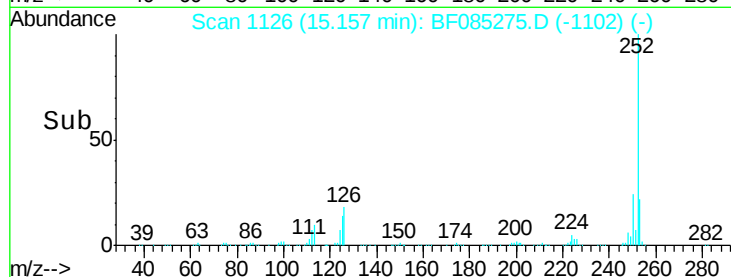
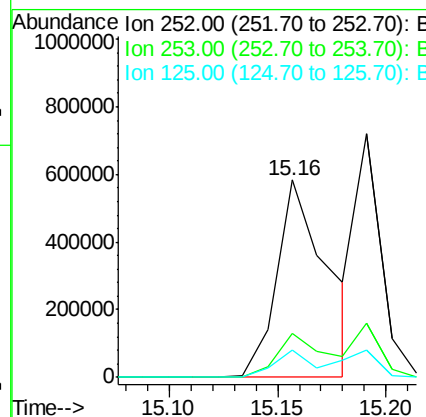
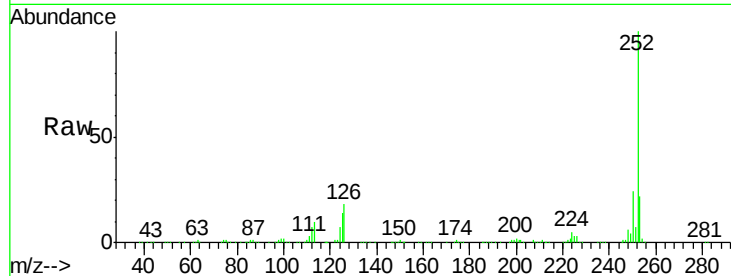
#87
Benzo(b)fluoranthene
Concen: 63.14 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.8	11.3	16.9

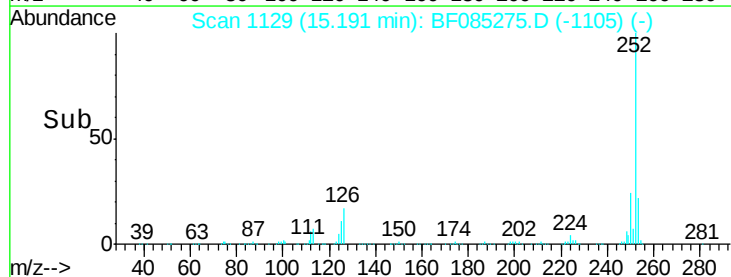
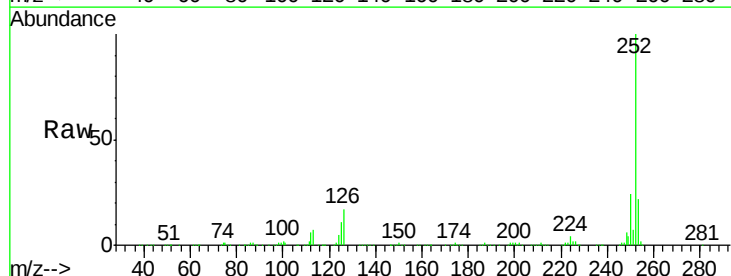
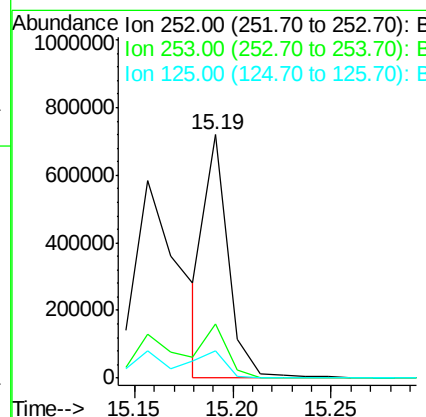
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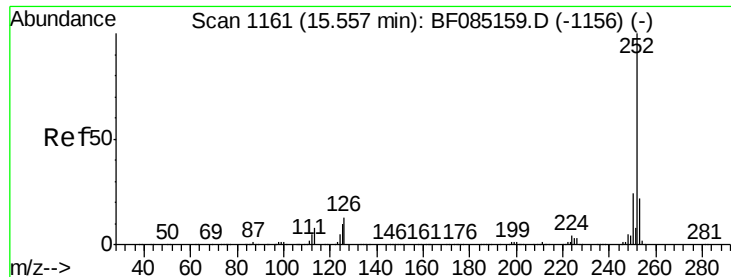
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3/9/2016 3:26:49 PM



#88
Benzo(k)fluoranthene
Concen: 49.67 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF085275.D
Acq: 9 Mar 2016 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.4	10.4	15.6





#89

Benzo(a)pyrene

Concen: 58.16 ng

RT: 15.52 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Instrument :

BNA_F

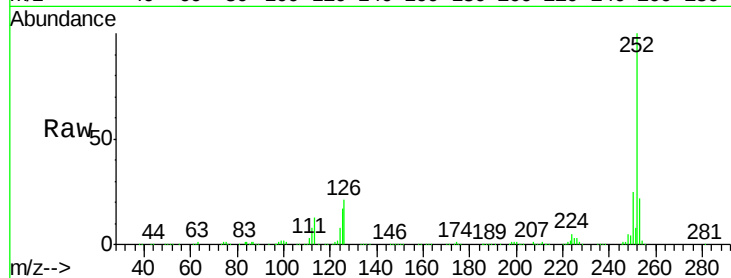
ClientSampleId :

48-BRIDGE-GRID-1MSD

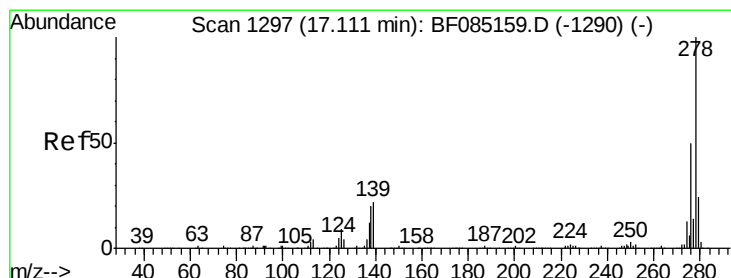
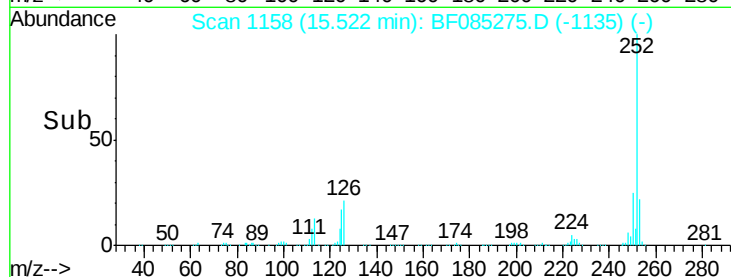
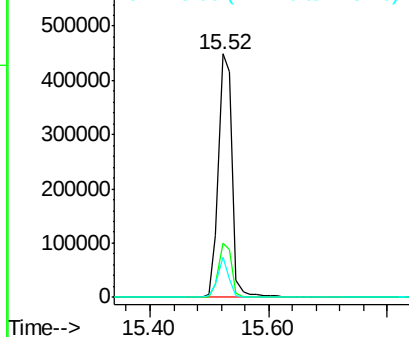
Tgt Ion:	252	Resp:	717711
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	16.6	8.2	12.4

Manual Integrations
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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



#90

Dibenzo(a,h)anthracene

Concen: 69.07 ng

RT: 17.08 min Scan# 1294

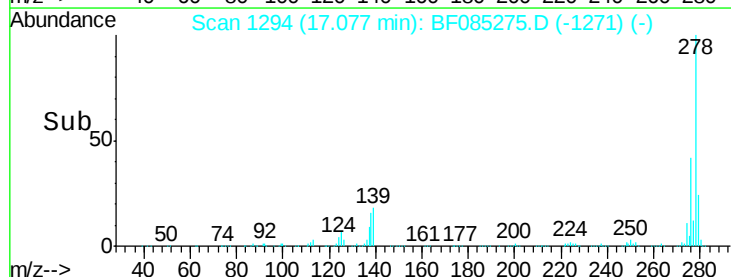
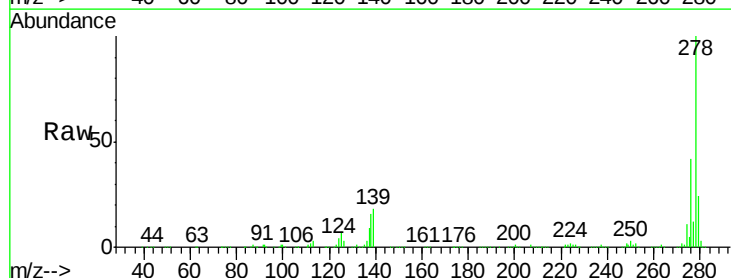
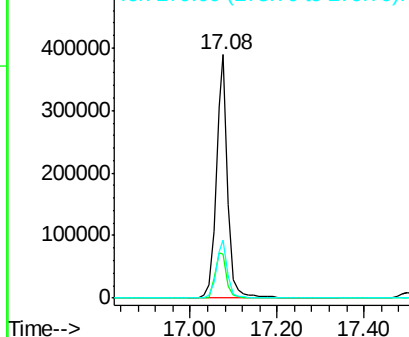
Delta R.T. -0.03 min

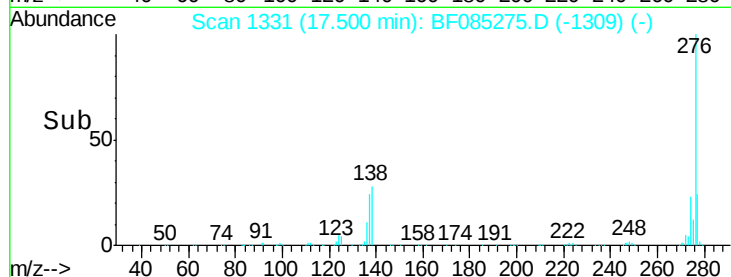
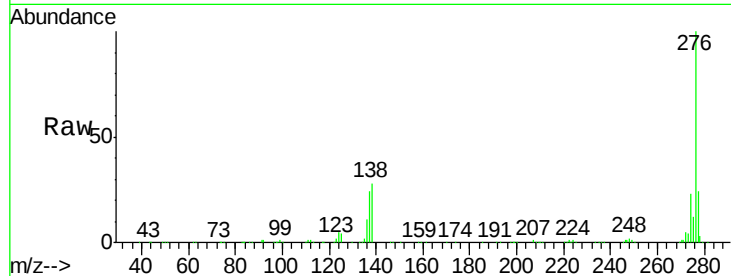
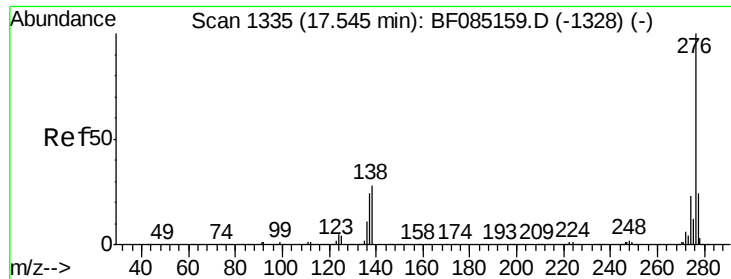
Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	278	Resp:	727578
Ion Ratio	Lower	Upper	
278	100		
139	18.0	17.3	25.9
279	23.8	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 66.56 ng

RT: 17.50 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF085275.D

Acq: 9 Mar 2016 00:28

Tgt Ion:	276	Resp:	705016
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.4
138	27.9	22.5	33.7

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MSD

Manual Integrations
APPROVED

UMANGI
3/9/2016 3:26:49 PM

