

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085134.D
 Acq On : 2 Mar 2016 22:10
 Operator : SJ/IZ
 Sample : H1617-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS

Manual Integrations
 APPROVED

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 3/3/2016 2:05:39 PM

Quant Time: Mar 03 13:11:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	158605	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	618996	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	306084	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	534917	20.00	ng	0.00
75) Chrysene-d12	14.16	240	319218	20.00	ng	0.00
86) Perylene-d12	15.64	264	376597	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1418047	145.15	ng	0.03
7) Phenol-d6	6.62	99	1735037	135.47	ng	0.00
23) Nitrobenzene-d5	7.56	82	1172641	100.79	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	475200	154.49	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1931392	92.93	ng	0.00
78) Terphenyl-d14	13.10	244	1532358	112.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	216977	44.82	ng	# 84
3) Pyridine	3.60	79	501424	40.36	ng	97
4) n-Nitrosodimethylamine	3.54	42	272268	48.15	ng	92
6) Aniline	6.65	93	177682	9.78	ng	95
8) 2-Chlorophenol	6.78	128	565335	50.20	ng	97
10) Phenol	6.64	94	575719	40.18	ng	84
11) bis(2-Chloroethyl)ether	6.73	93	603311	53.11	ng	97
12) 1,3-Dichlorobenzene	6.94	146	612157	50.61	ng	98
13) 1,4-Dichlorobenzene	7.01	146	568560	46.12	ng	99
14) 1,2-Dichlorobenzene	7.17	146	590152	54.38	ng	97
15) Benzyl Alcohol	7.13	79	496894	53.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	790273	47.21	ng	100
17) 2-Methylphenol	7.25	107	496690	52.65	ng	96
18) Hexachloroethane	7.51	117	229555	50.38	ng	# 90
19) n-Nitroso-di-n-propylamine	7.41	70	404977	47.98	ng	95
20) 3+4-Methylphenols	7.40	107	565553	50.16	ng	# 89
22) Acetophenone	7.41	105	796620	51.16	ng	# 93
24) Nitrobenzene	7.58	77	693281	57.44	ng	91
25) Isophorone	7.82	82	1179901	53.01	ng	96
26) 2-Nitrophenol	7.89	139	283930	52.61	ng	# 72
27) 2,4-Dimethylphenol	7.92	122	537105	51.35	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	737852	60.12	ng	100
29) 2,4-Dichlorophenol	8.13	162	468278	54.41	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	510184	54.38	ng	98
31) Naphthalene	8.30	128	1767907	56.47	ng	100
32) Benzoic acid	8.05	122	353657	55.65	ng	92
33) 4-Chloroaniline	8.34	127	85008	6.87	ng	94
34) Hexachlorobutadiene	8.41	225	283748	52.14	ng	98
35) Caprolactam	8.72	113	136575m	50.56	ng	
36) 4-Chloro-3-methylphenol	8.82	107	495778	52.10	ng	100
37) 2-Methylnaphthalene	9.00	142	1150632	60.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	441597	46.85	ng	99
40) Hexachlorocyclopentadiene	9.14	237	465164	86.67	ng	97
42) 2,4,6-Trichlorophenol	9.27	196	345283m	54.41	ng	

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Quant Time: Mar 03 13:11:00 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.32	196	356700m	58.65	ng	
45) 1,1'-Biphenyl	9.45	154	1209811	44.53	ng	96
46) 2-Chloronaphthalene	9.49	162	1000832	50.50	ng	94
47) 2-Nitroaniline	9.57	65	298770	48.03	ng	# 70
48) Acenaphthylene	9.90	152	1514352	51.42	ng	99
49) Dimethylphthalate	9.75	163	1171055	51.60	ng	99
50) 2,6-Dinitrotoluene	9.82	165	284680	60.49	ng	# 76
51) Acenaphthene	10.07	154	1097515	59.36	ng	98
52) 3-Nitroaniline	9.98	138	74208	13.27	ng	93
53) 2,4-Dinitrophenol	10.09	184	218033	87.20	ng	# 1
54) Dibenzofuran	10.24	168	1400901	58.36	ng	97
55) 4-Nitrophenol	10.14	139	346575	80.79	ng	# 62
56) 2,4-Dinitrotoluene	10.22	165	345456	54.48	ng	95
57) Fluorene	10.58	166	1053509	55.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	288267	62.57	ng	97
59) Diethylphthalate	10.46	149	1196820	55.03	ng	99
60) 4-Chlorophenyl-phenylether	10.57	204	512095	52.64	ng	94
61) 4-Nitroaniline	10.60	138	214775	40.99	ng	87
62) Azobenzene	10.73	77	1246791	56.74	ng	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	158034	48.99	ng	78
65) n-Nitrosodiphenylamine	10.69	169	921199	54.64	ng	98
66) 4-Bromophenyl-phenylether	11.06	248	335089	59.66	ng	91
67) Hexachlorobenzene	11.13	284	371278	58.56	ng	94
68) Atrazine	11.21	200	233539	45.41	ng	100
69) Pentachlorophenol	11.33	266	419867	112.84	ng	98
70) Phenanthrene	11.55	178	1434818	53.92	ng	99
71) Anthracene	11.60	178	1583966	53.01	ng	98
72) Carbazole	11.75	167	1370544	52.70	ng	98
73) Di-n-butylphthalate	12.08	149	1667674	53.88	ng	99
74) Fluoranthene	12.73	202	1427851	48.90	ng	97
76) Benzidine	12.85	184	78643	8.15	ng	98
77) Pyrene	12.96	202	1374690	63.09	ng	98
79) Butylbenzylphthalate	13.58	149	554481	60.09	ng	94
80) Benzo(a)anthracene	14.15	228	1051903	56.75	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	144968	25.03	ng	# 96
82) Chrysene	14.19	228	1030255	60.87	ng	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	700224	65.72	ng	100
84) Di-n-octyl phthalate	14.75	149	1175418	74.32	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1259347	88.00	ng	99
87) Benzo(b)fluoranthene	15.20	252	1065548	46.47	ng	99
88) Benzo(k)fluoranthene	15.24	252	1028171m	51.77	ng	
89) Benzo(a)pyrene	15.57	252	1070318	55.50	ng	99
90) Dibenzo(a,h)anthracene	17.15	278	1063721	61.23	ng	98
91) Benzo(g,h,i)perylene	17.58	276	1013444	57.38	ng	98

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

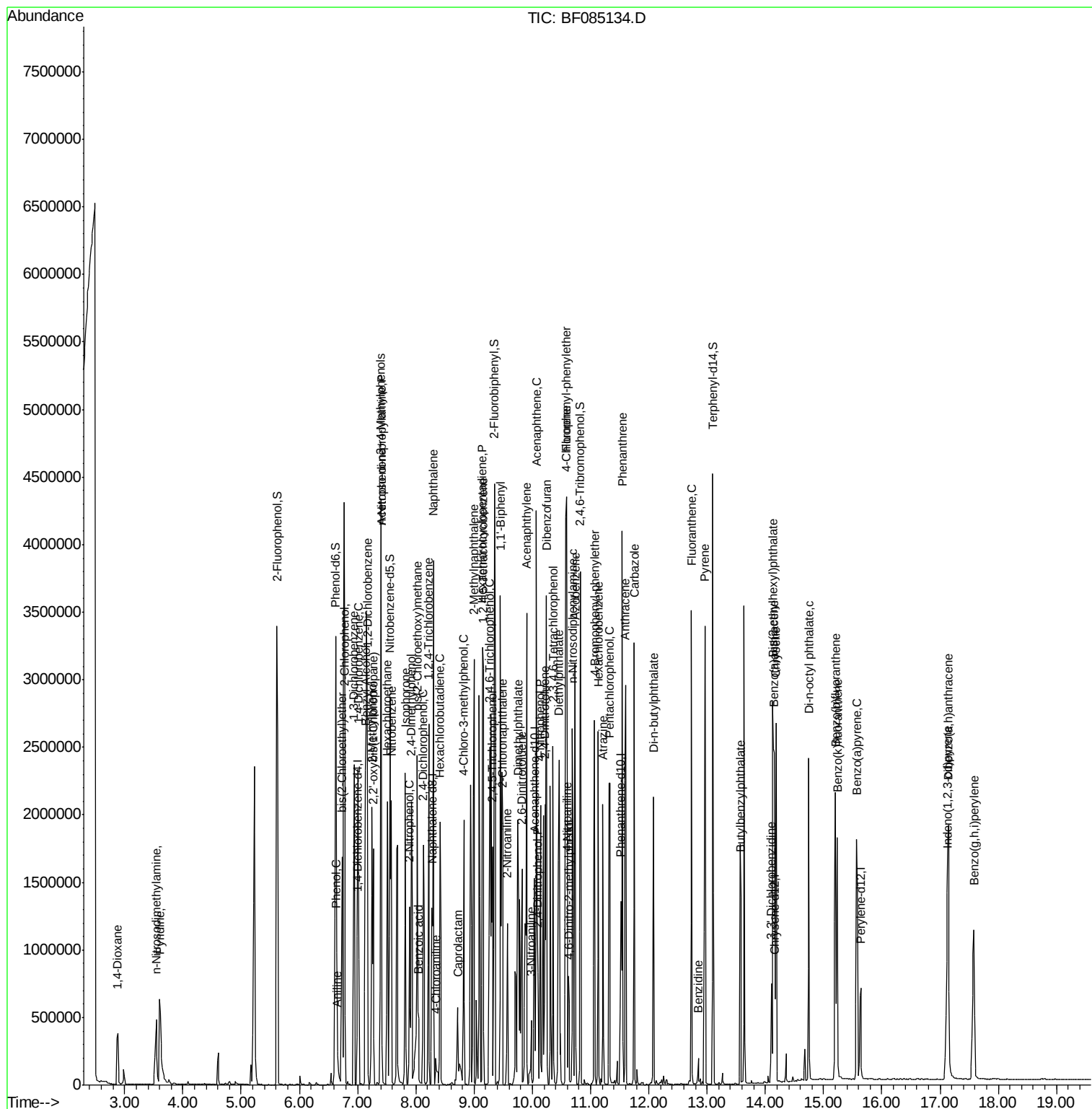
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ALS Vial  : 27 Sample Multiplier: 1
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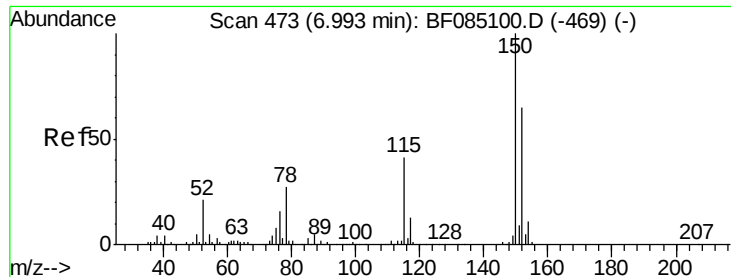
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

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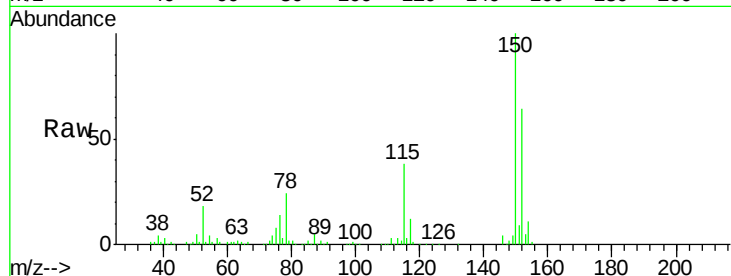




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

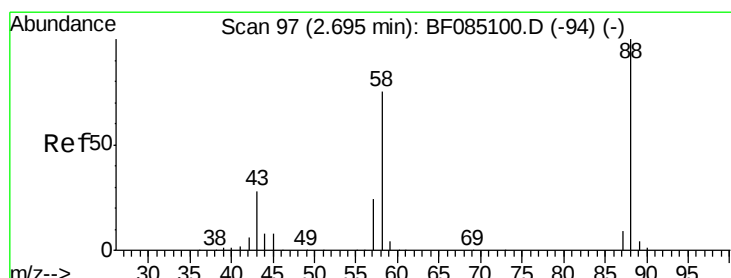
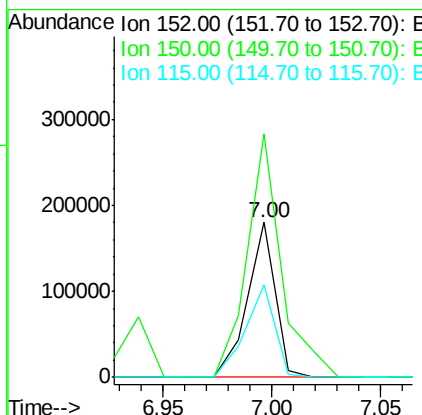
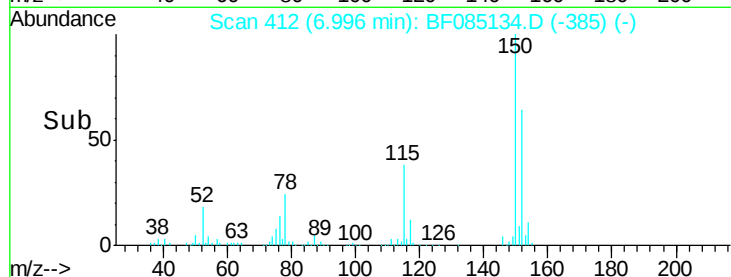
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.4	185.0
115	59.4	50.0	75.0

Manual Integrations
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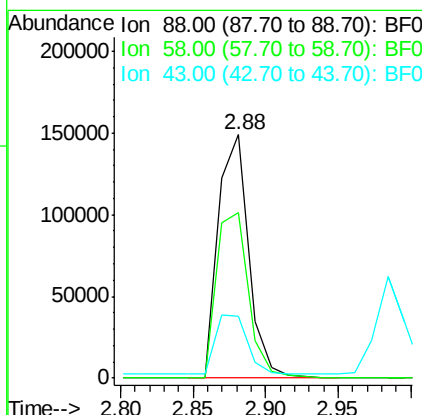
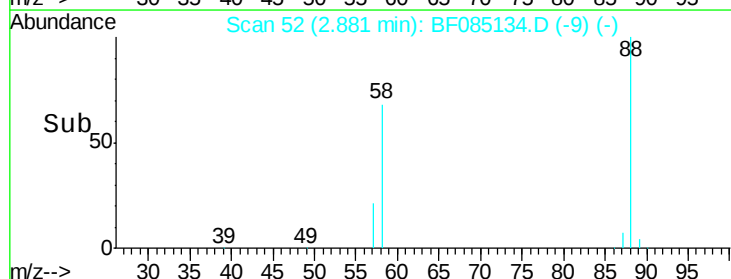
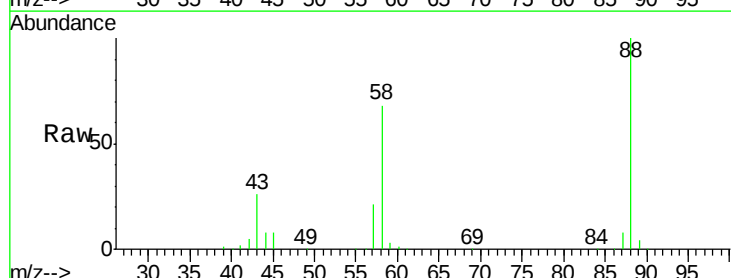
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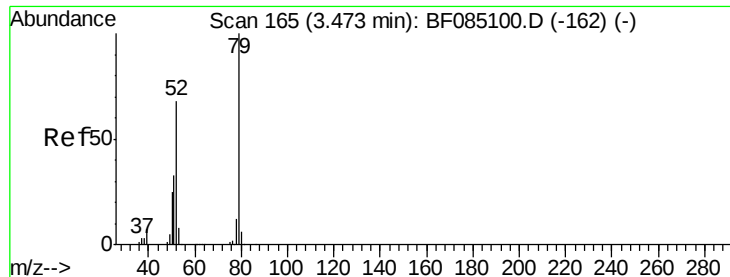


#2

1,4-Dioxane
Concen: 44.82 ng
RT: 2.88 min Scan# 52
Delta R.T. 0.19 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.4	87.6
43	0.0	22.2	33.4#





#3

Pyridine

Concen: 40.36 ng

RT: 3.60 min Scan# 115

Delta R.T. 0.13 min

Lab File: BF085134.D

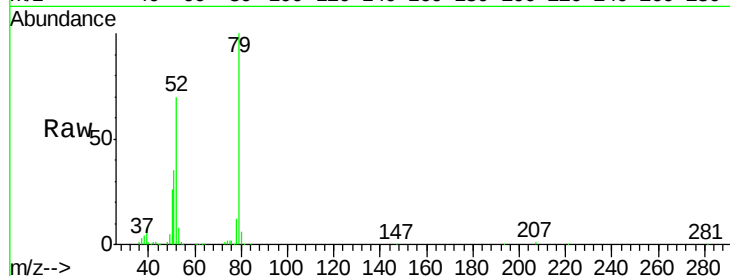
Acq: 2 Mar 2016 22:10

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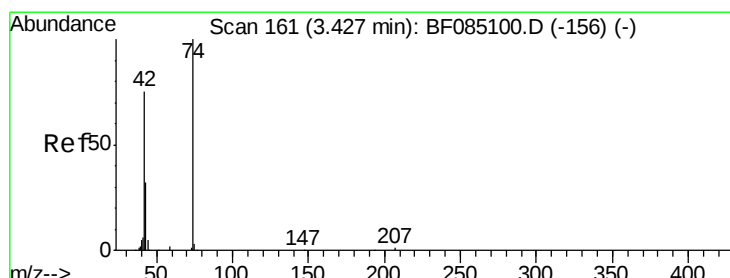
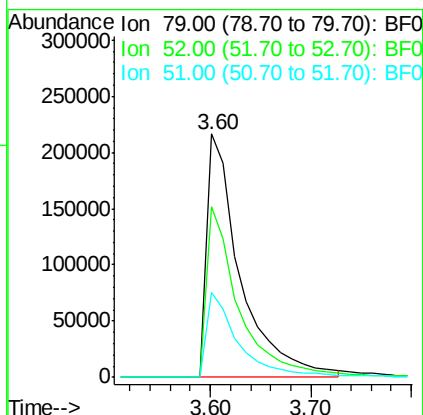
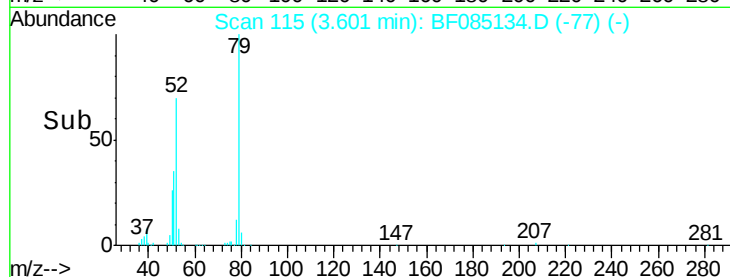
20160225-WC-CMS



Tgt Ion:	79	Resp:	501424
Ion	Ratio	Lower	Upper
79	100		
52	70.2	54.1	81.1
51	35.1	26.6	40.0

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#4

n-Nitrosodimethylamine

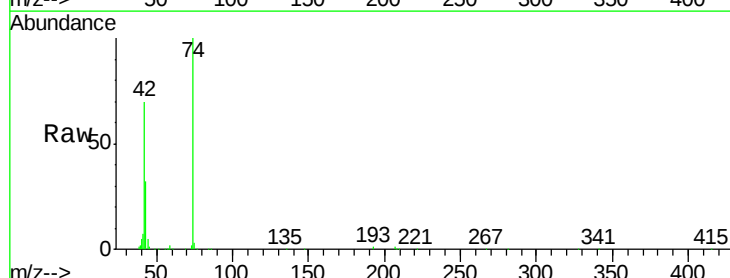
Concen: 48.15 ng

RT: 3.54 min Scan# 110

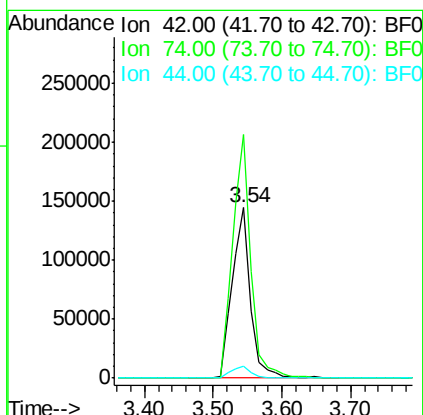
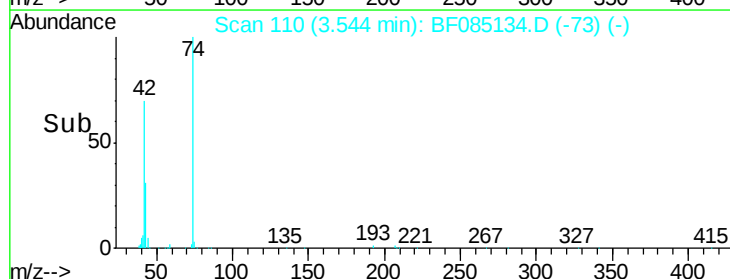
Delta R.T. 0.12 min

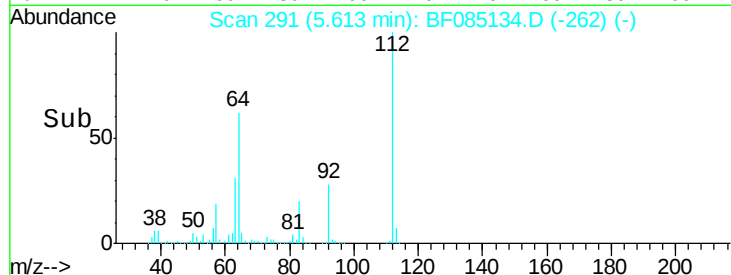
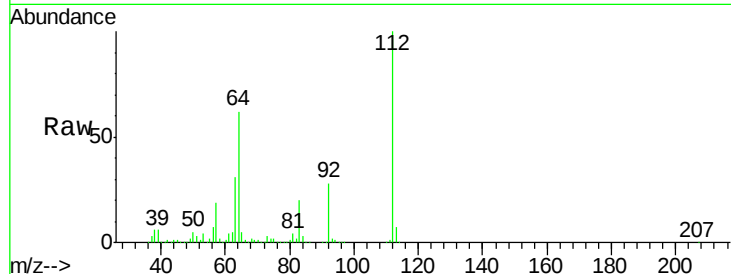
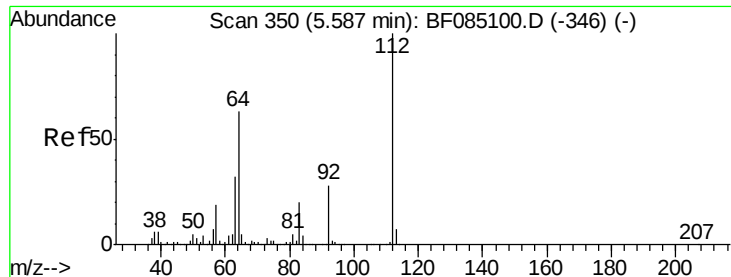
Lab File: BF085134.D

Acq: 2 Mar 2016 22:10



Tgt Ion:	42	Resp:	272268
Ion	Ratio	Lower	Upper
42	100		
74	142.7	106.6	160.0
44	7.0	5.4	8.2





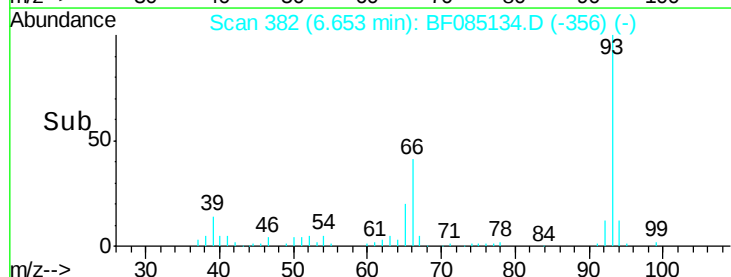
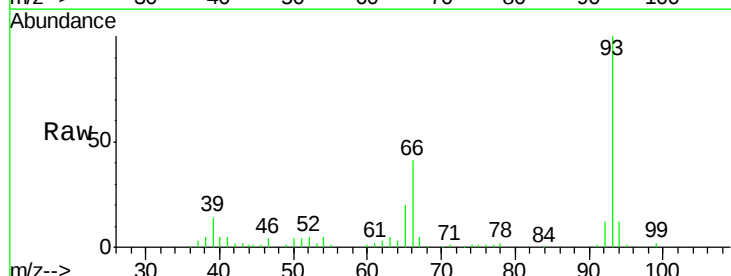
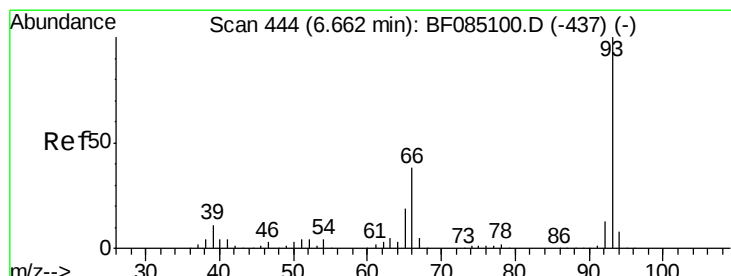
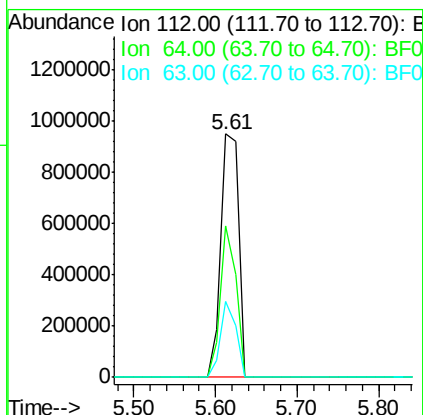
#5
2-Fluorophenol
Concen: 145.15 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion: 112 Resp: 1418047
Ion Ratio Lower Upper
112 100
64 62.2 50.6 76.0
63 31.4 25.5 38.3

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

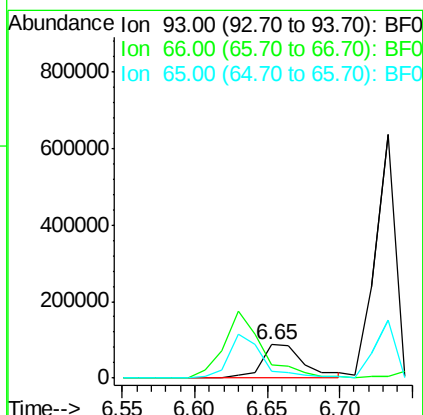
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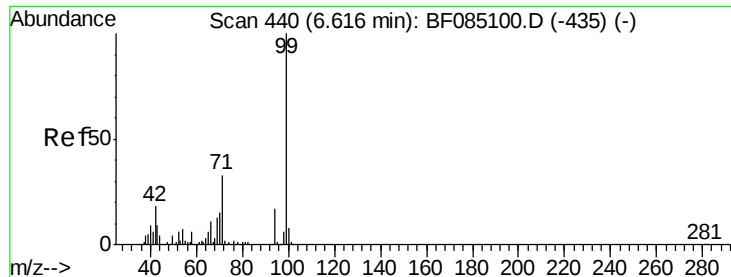
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#6
Aniline
Concen: 9.78 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion: 93 Resp: 177682
Ion Ratio Lower Upper
93 100
66 40.8 30.1 45.1
65 20.4 15.0 22.6





#7

Phenol-d6

Concen: 135.47 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085134.D

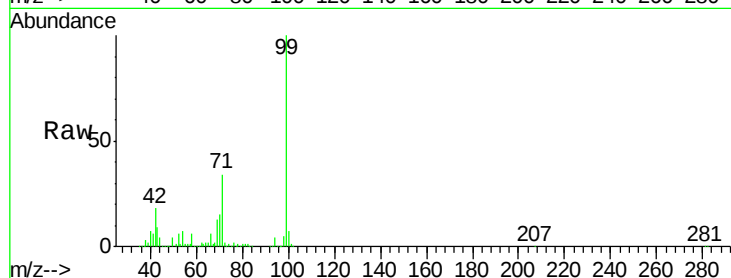
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS



Tgt Ion: 99 Resp: 1735037

Ion Ratio Lower Upper

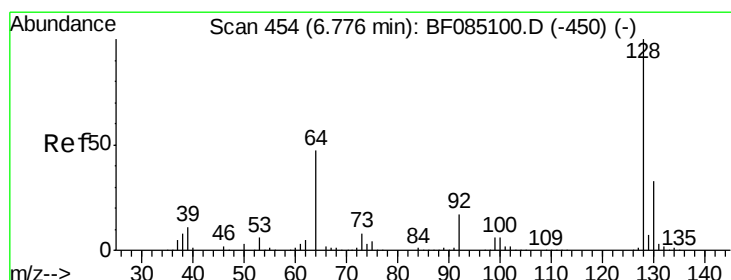
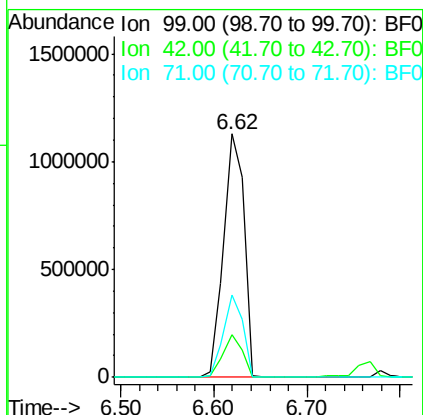
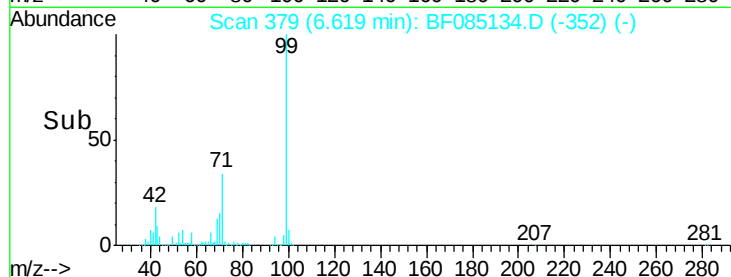
99 100

42 17.7 14.1 21.1

71 33.7 26.8 40.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.20 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

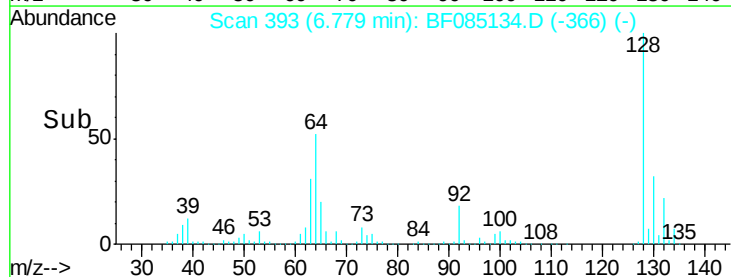
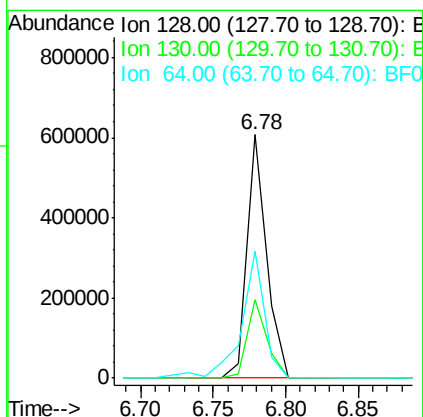
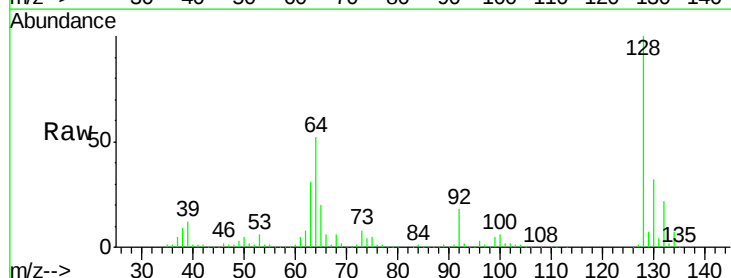
Tgt Ion: 128 Resp: 565335

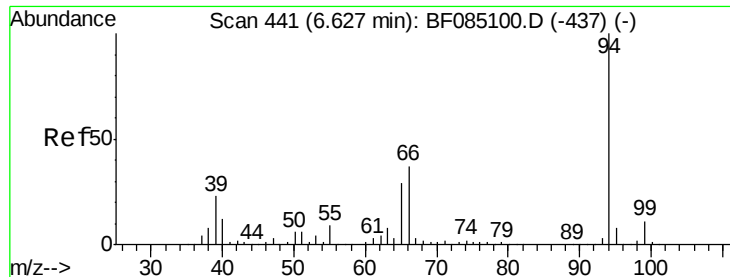
Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

64 52.2 29.6 69.6





#10

Phenol

Concen: 40.18 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS

Tgt Ion: 94 Resp: 575719

Ion Ratio Lower Upper

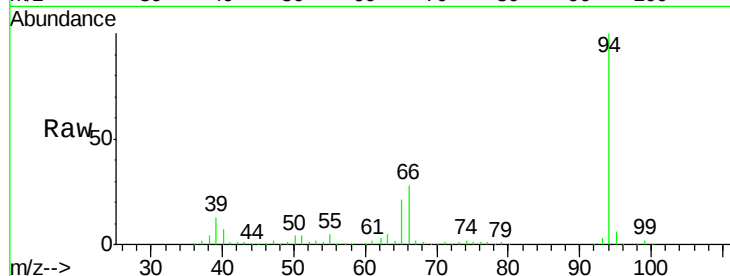
94 100

65 21.1 9.1 49.1

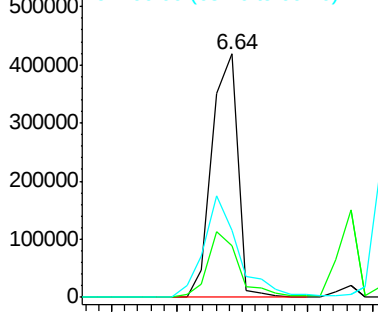
66 27.6 17.5 57.5

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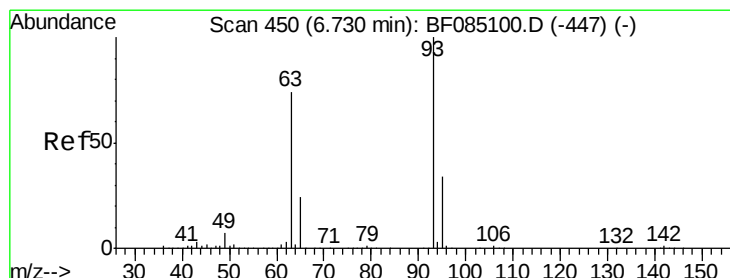
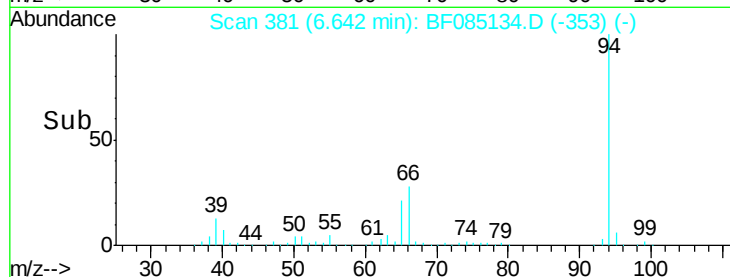
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Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 53.11 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

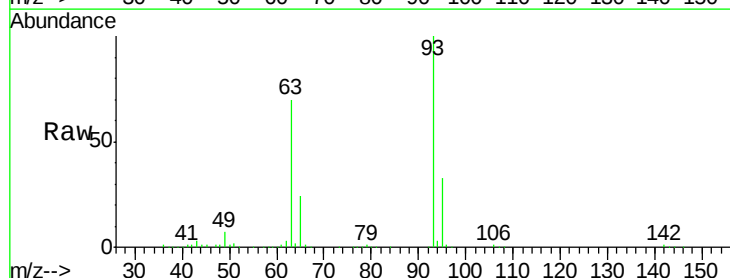
Tgt Ion: 93 Resp: 603311

Ion Ratio Lower Upper

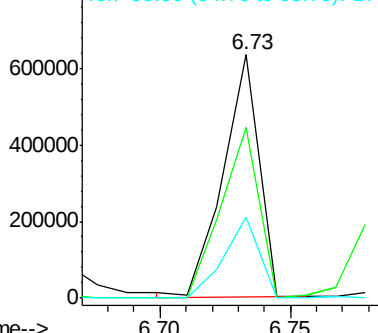
93 100

63 70.2 53.9 93.9

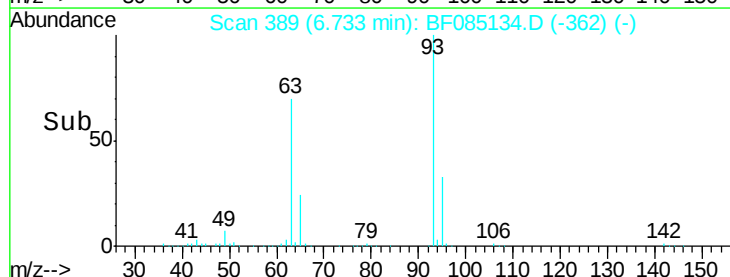
95 33.2 13.8 53.8

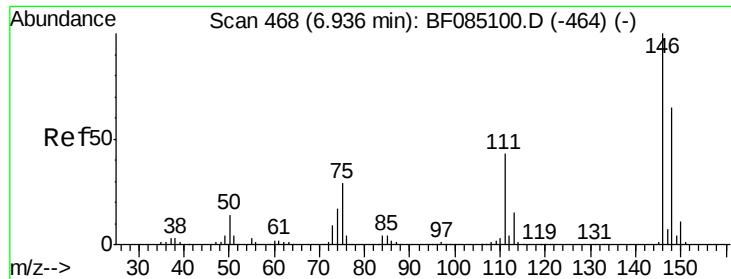


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



Time-->





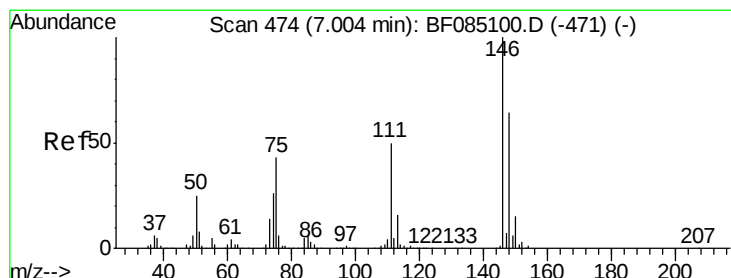
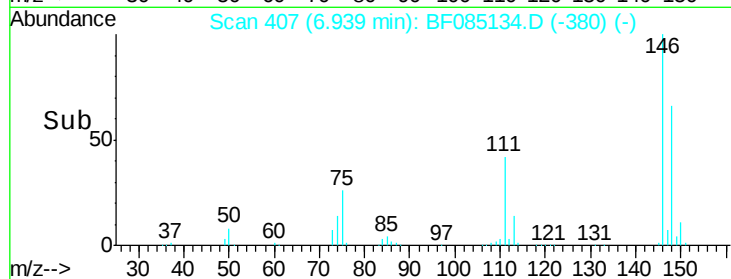
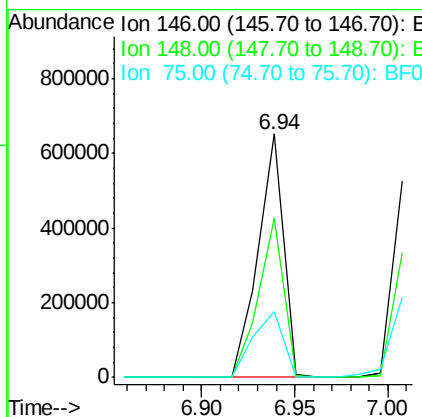
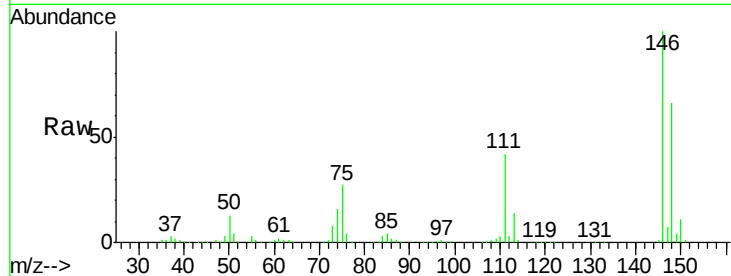
#12
 1,3-Dichlorobenzene
 Concen: 50.61 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.6	51.9	77.9
75	26.9	23.3	34.9

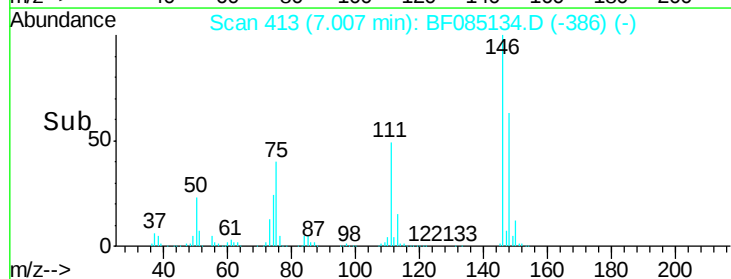
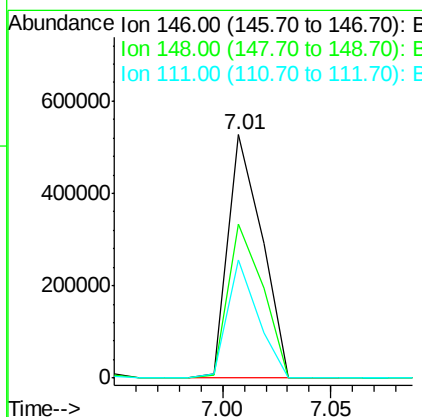
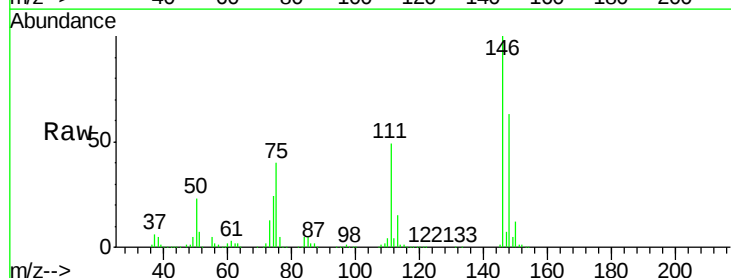
Manual Integrations
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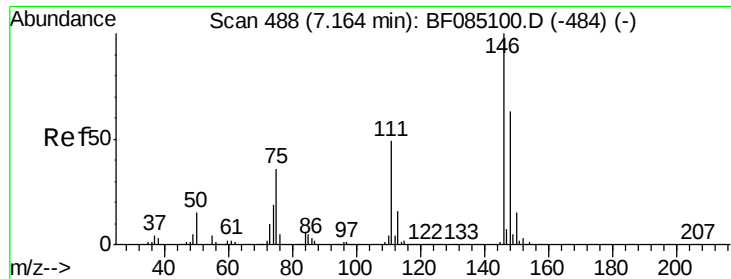
UMANGI
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#13
 1,4-Dichlorobenzene
 Concen: 46.12 ng
 RT: 7.01 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.4	51.1	76.7
111	48.7	40.0	60.0





#14

1,2-Dichlorobenzene

Concen: 54.38 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

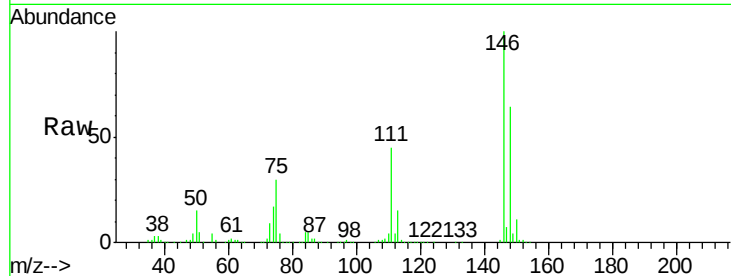
ClientSampleId :

20160225-WC-CMS

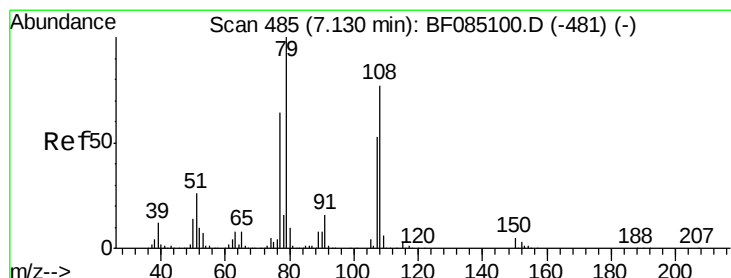
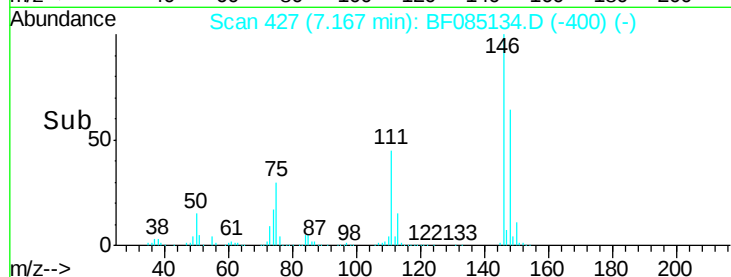
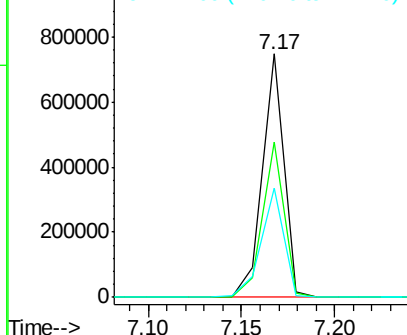
Tgt Ion:	146	Resp:	590152
Ion Ratio		Lower	Upper
146	100		
148	63.8	50.5	75.7
111	44.9	38.9	58.3

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 53.23 ng

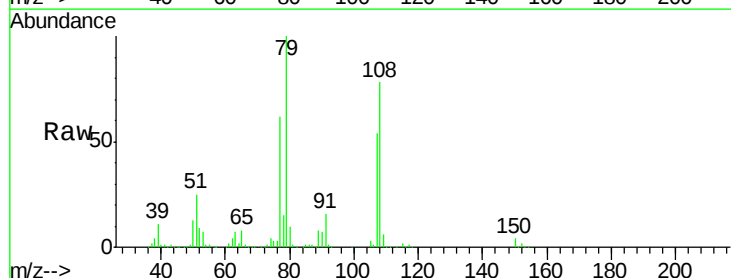
RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

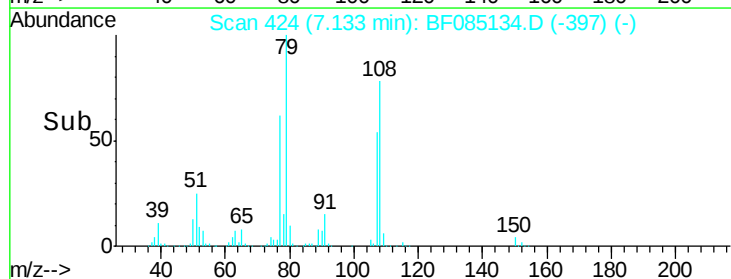
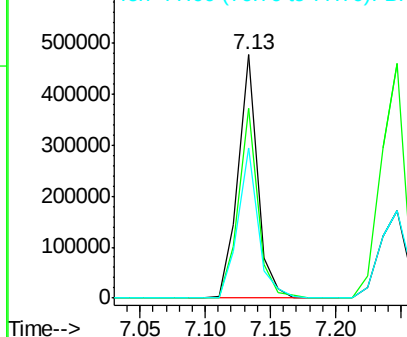
Lab File: BF085134.D

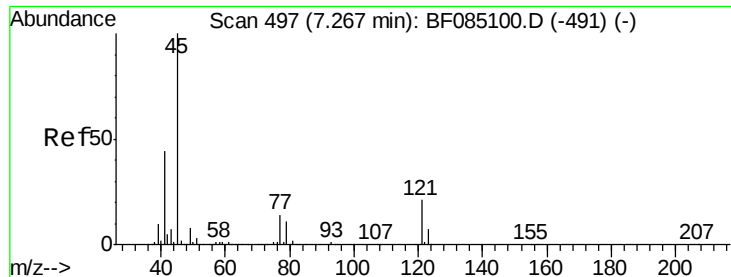
Acq: 2 Mar 2016 22:10

Tgt Ion:	79	Resp:	496894
Ion Ratio		Lower	Upper
79	100		
108	78.0	61.8	92.6
77	61.9	51.2	76.8



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





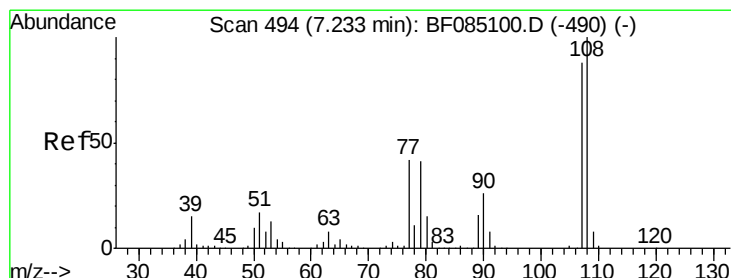
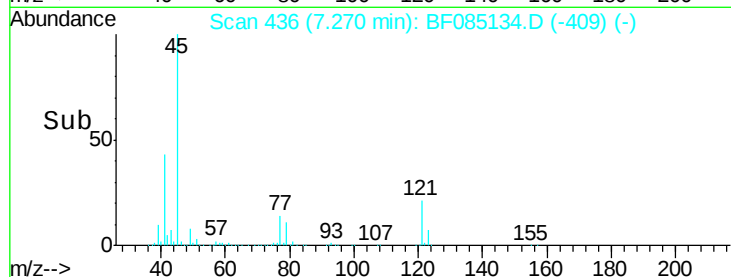
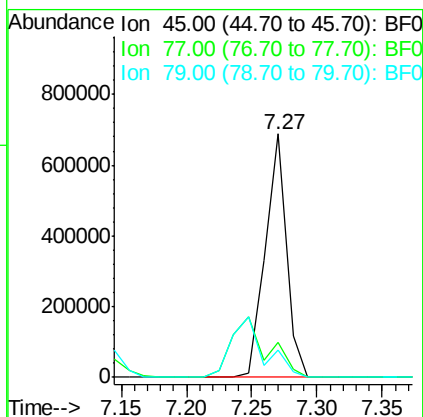
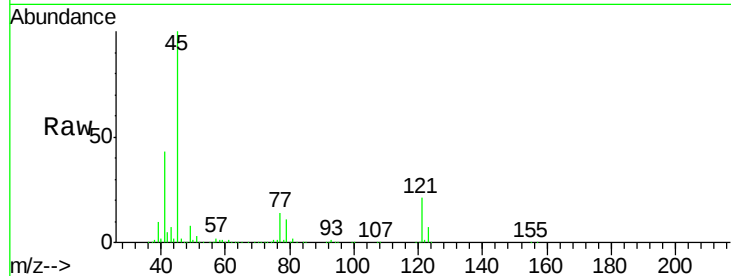
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.21 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	14.3	0.0	34.4
79	11.4	0.0	31.1

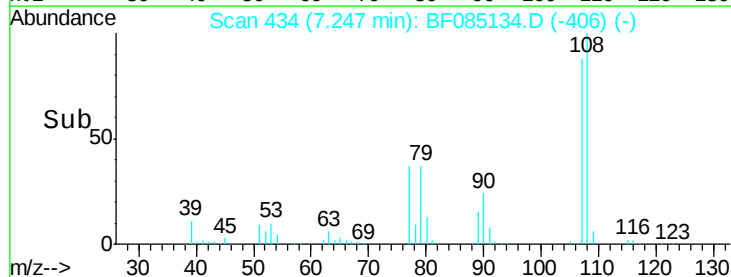
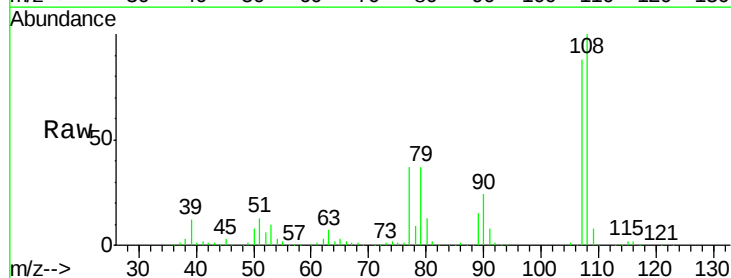
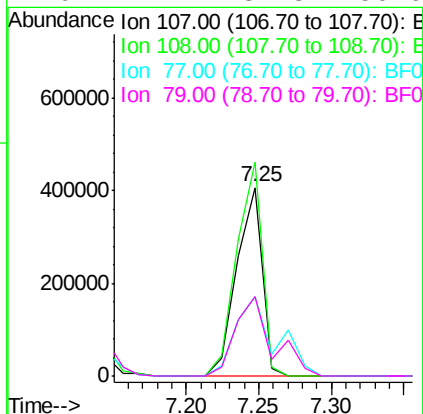
Manual Integrations
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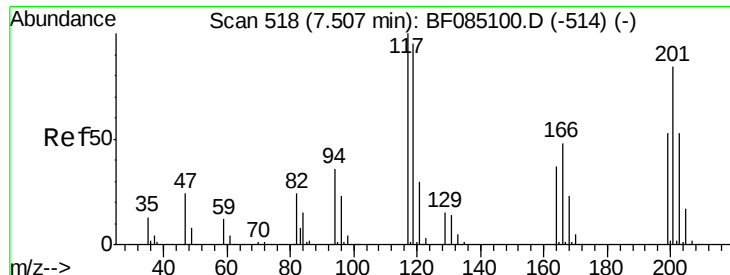
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#17
2-Methylphenol
Concen: 52.65 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	113.4	91.4	137.2
77	42.5	38.7	58.1
79	42.1	37.8	56.6





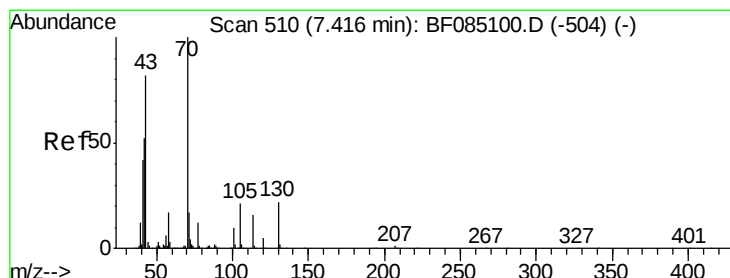
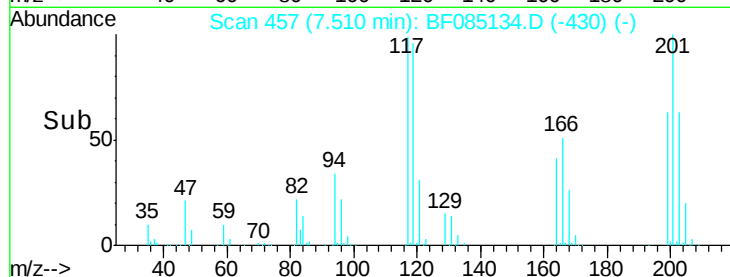
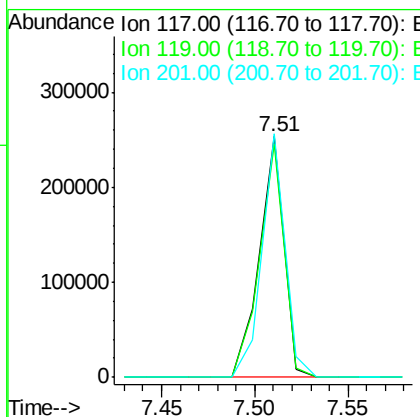
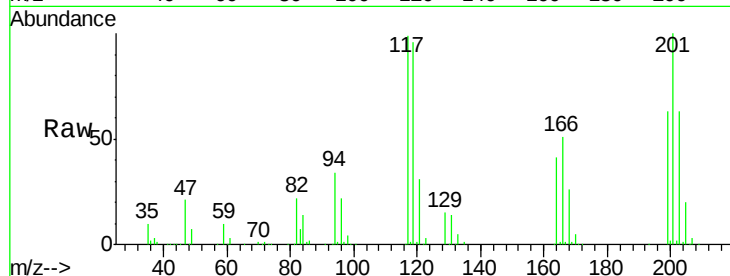
#18
Hexachloroethane
Concen: 50.38 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	229555		
119	97.0	76.2	114.4	
201	101.0	66.8	100.2#	

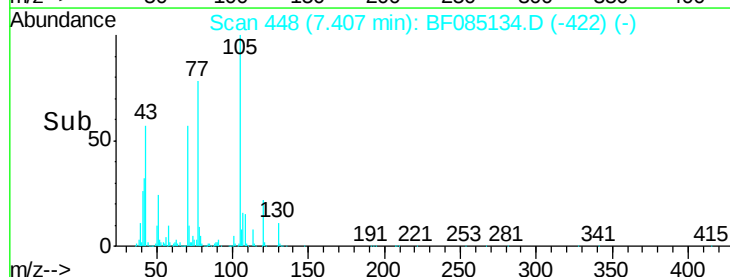
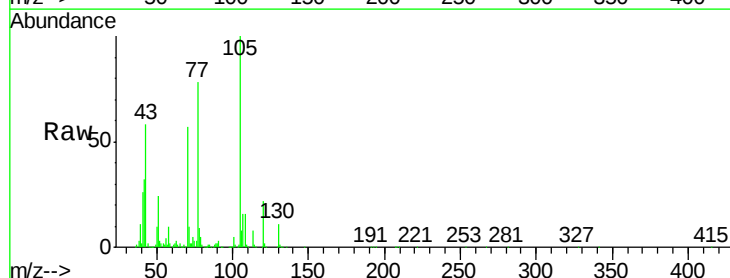
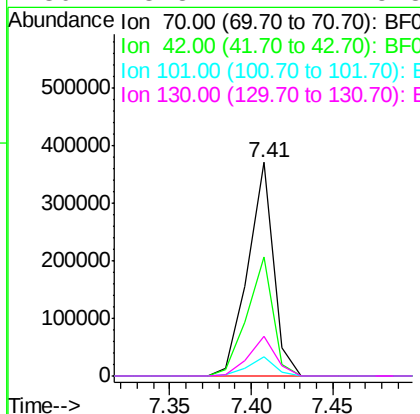
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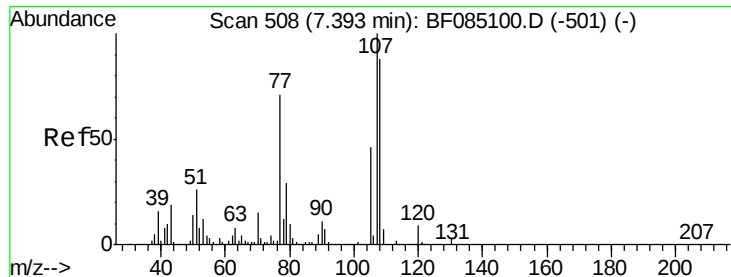
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#19
n-Nitroso-di-n-propylamine
Concen: 47.98 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

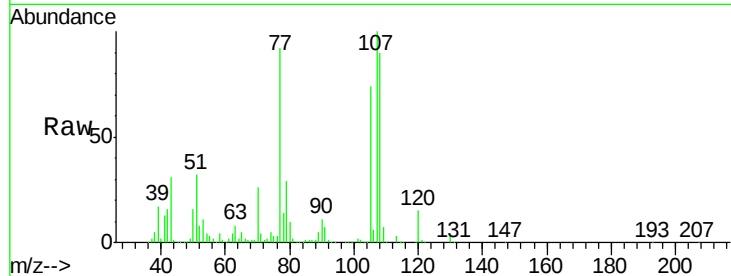
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	404977		
42	55.7	41.9	62.9	
101	9.3	7.8	11.8	
130	18.8	17.2	25.8	





#20
3+4-Methylphenols
Concen: 50.16 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

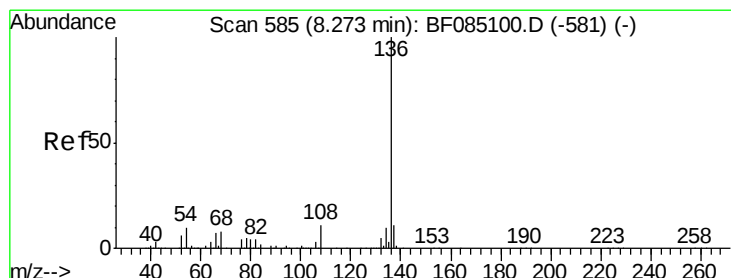
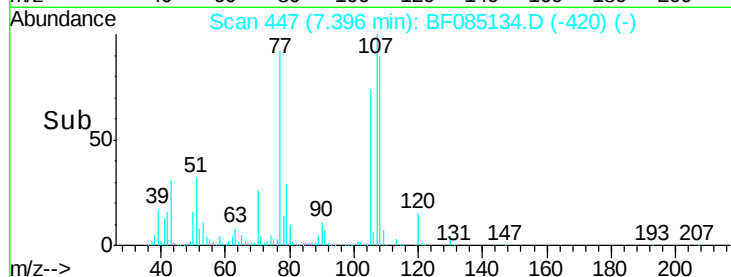
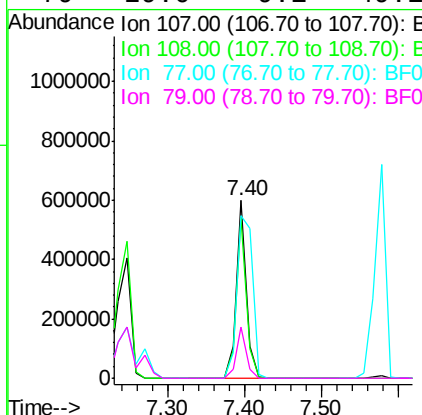
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	565553		
108	90.3	67.8	107.8	
77	91.8	50.6	90.6	
79	29.0	9.1	49.1	

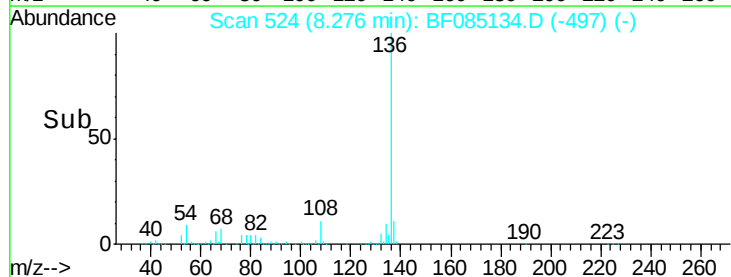
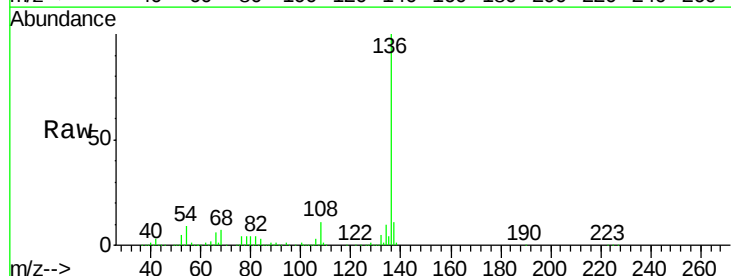
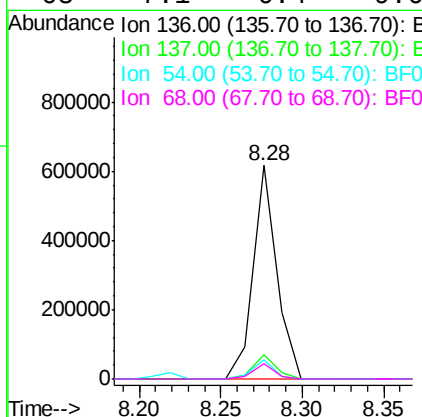
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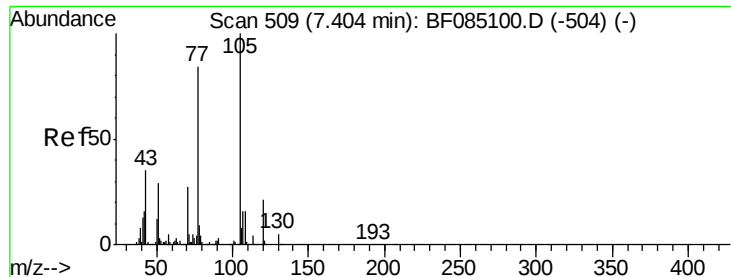
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	618996		
137	11.3	9.1	13.7	
54	9.0	8.5	12.7	
68	7.1	6.4	9.6	





#22

Acetophenone

Concen: 51.16 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF085134.D

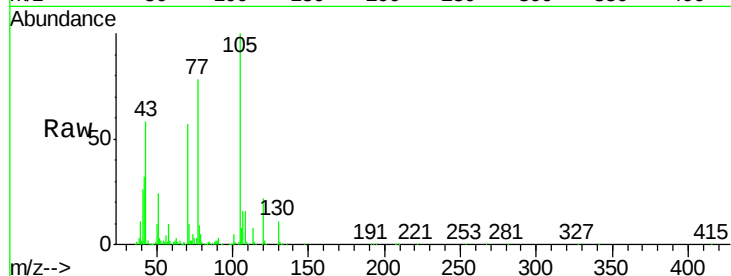
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

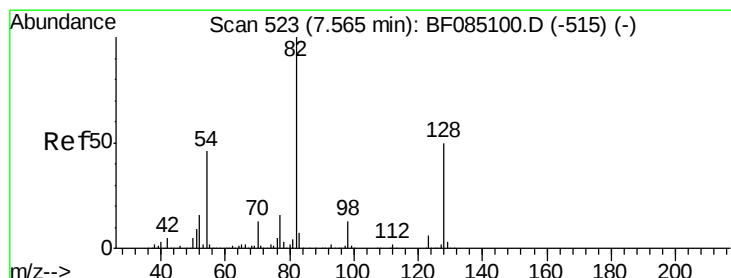
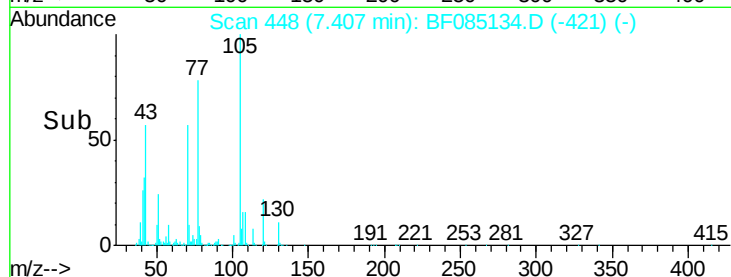
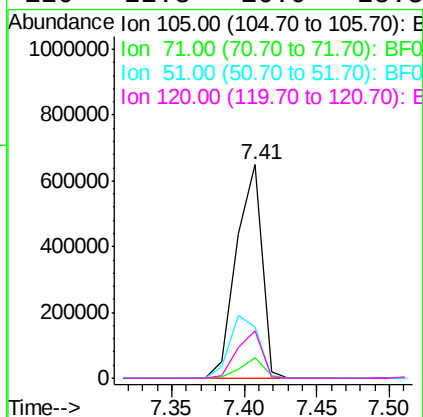
20160225-WC-CMS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		796620		
71	9.7	3.8	5.6#		
51	24.0	22.9	34.3		
120	22.3	16.9	25.3		

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#23

Nitrobenzene-d5

Concen: 100.79 ng

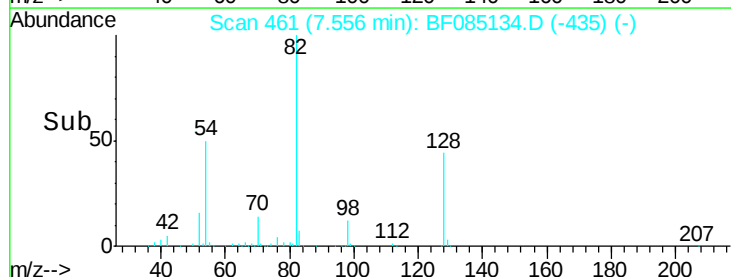
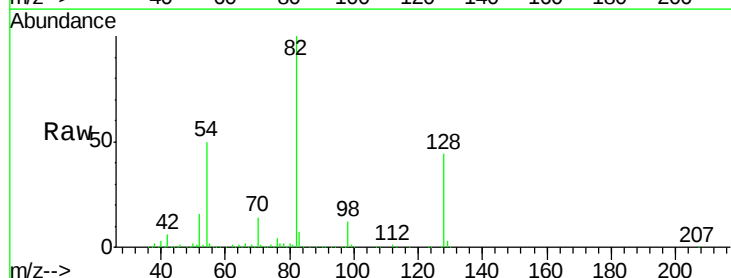
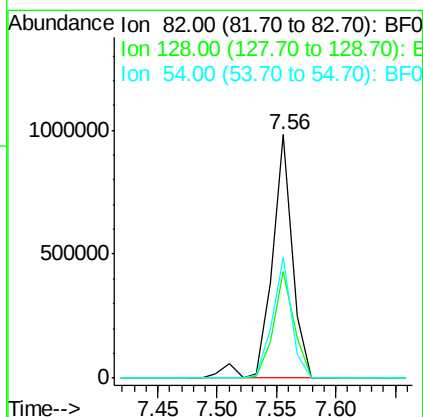
RT: 7.56 min Scan# 461

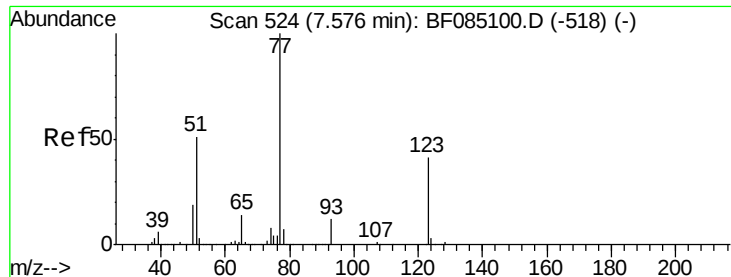
Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1172641		
128	43.6	39.8	59.6		
54	49.7	36.6	54.8		





#24

Nitrobenzene

Concen: 57.44 ng

RT: 7.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

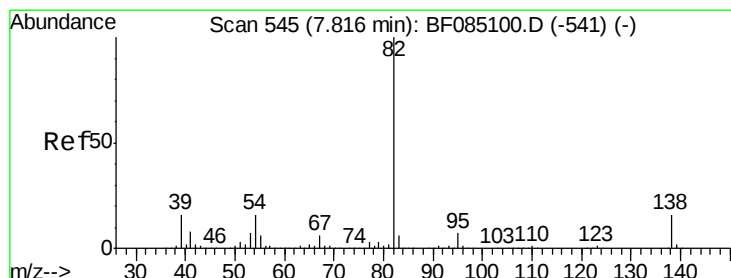
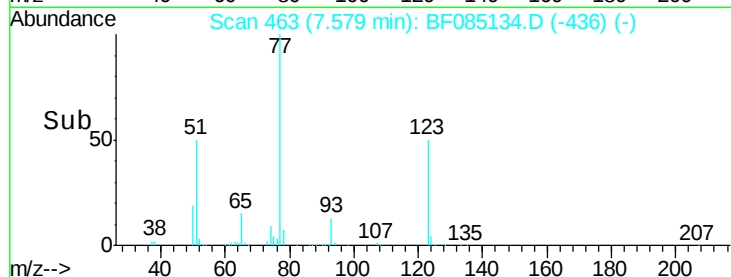
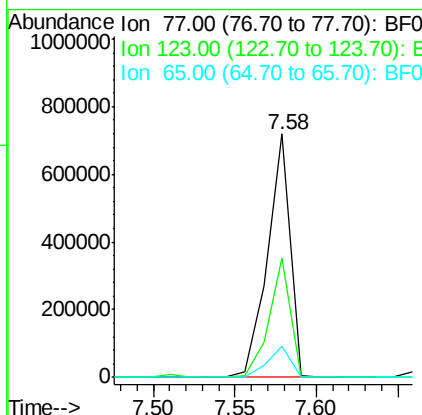
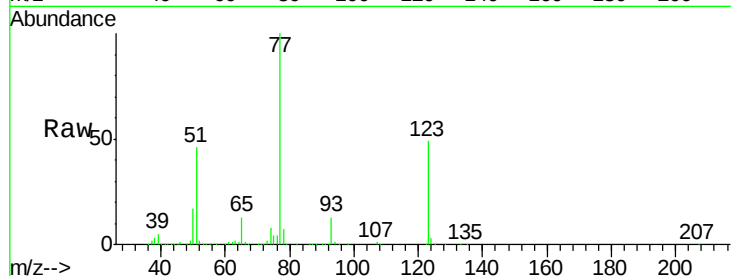
ClientSampleId :

20160225-WC-CMS

Tgt Ion:	77	Resp:	693281
Ion Ratio	Lower	Upper	
77	100		
123	49.2	33.4	50.2
65	12.9	10.9	16.3

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#25

Isophorone

Concen: 53.01 ng

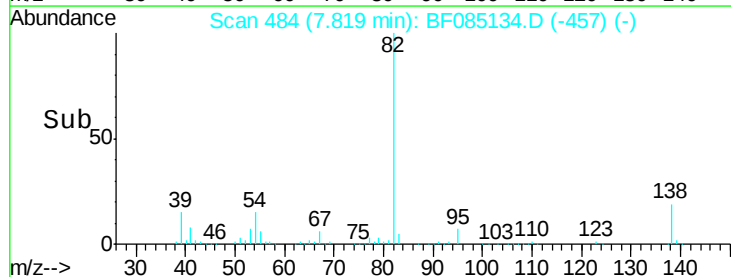
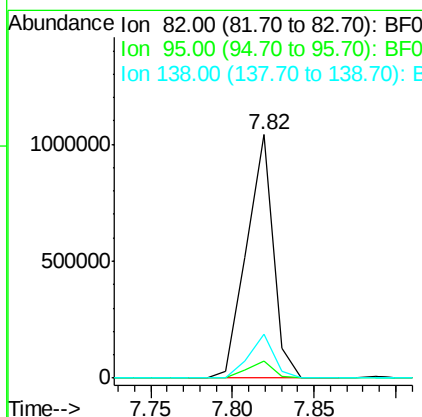
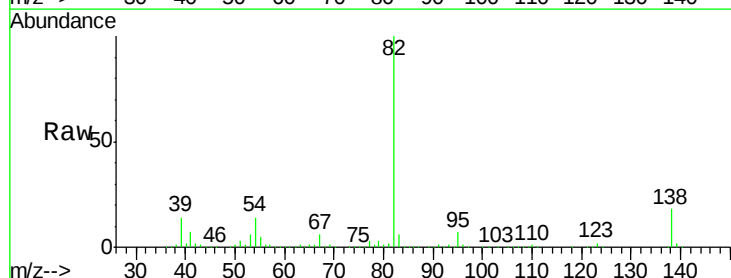
RT: 7.82 min Scan# 484

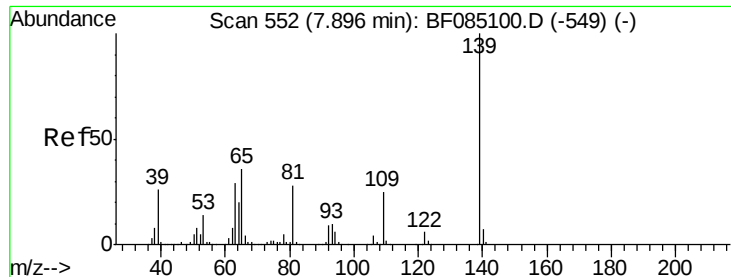
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:	82	Resp:	1179901
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	18.0	12.6	18.8





#26

2-Nitrophenol

Concen: 52.61 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS

Tgt Ion:139 Resp: 283930
Ion Ratio Lower Upper

139 100

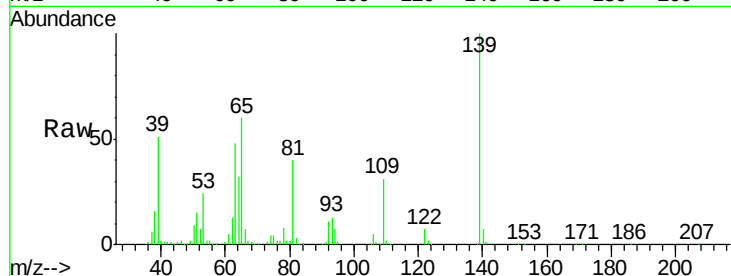
109 30.8 20.4 30.6#

65 59.9 29.2 43.8#

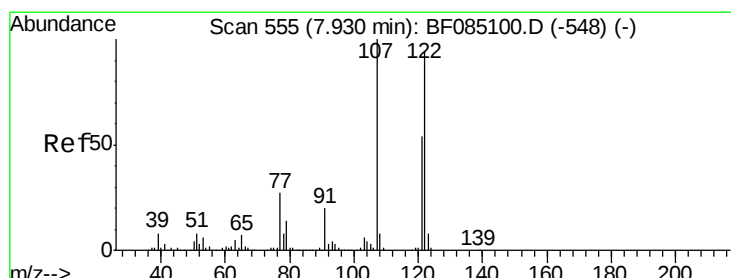
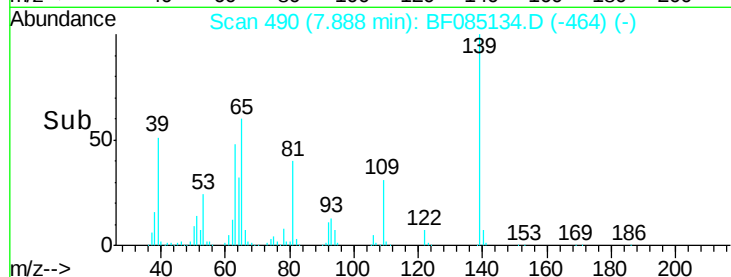
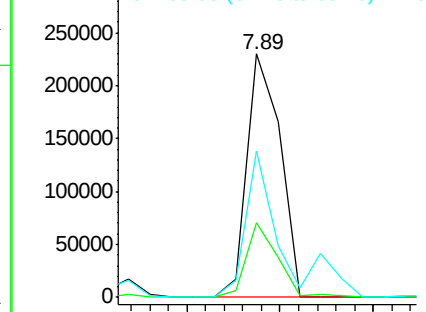
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 51.35 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085134.D

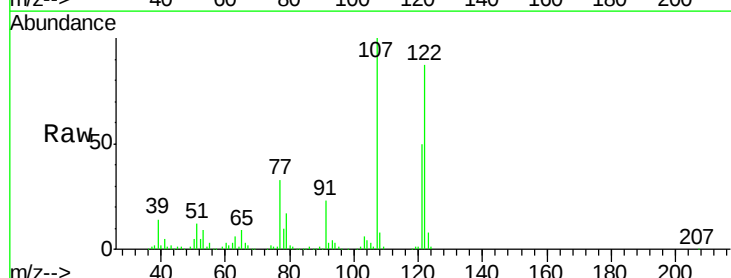
Acq: 2 Mar 2016 22:10

Tgt Ion:122 Resp: 537105
Ion Ratio Lower Upper

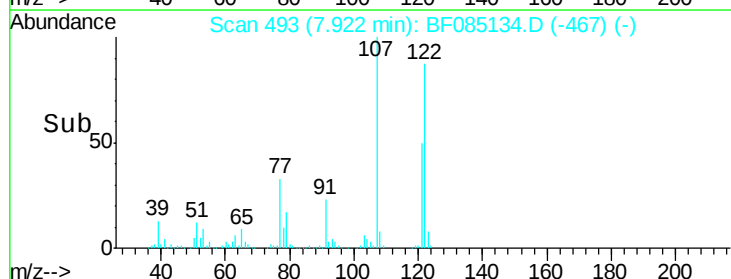
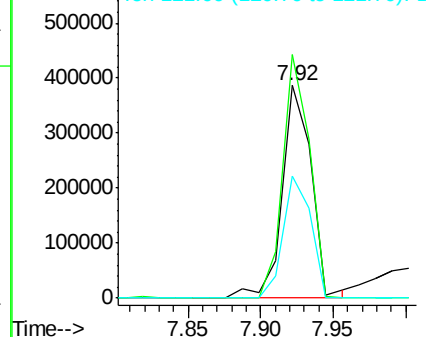
122 100

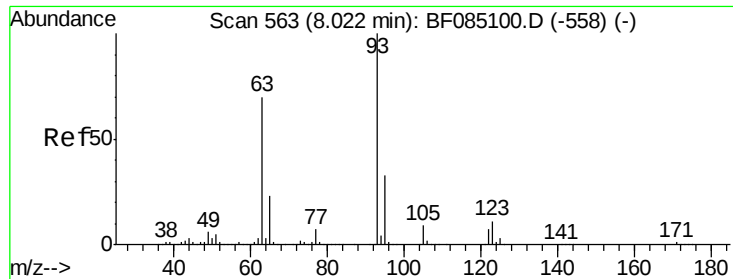
107 114.5 85.0 127.4

121 57.4 45.8 68.8



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





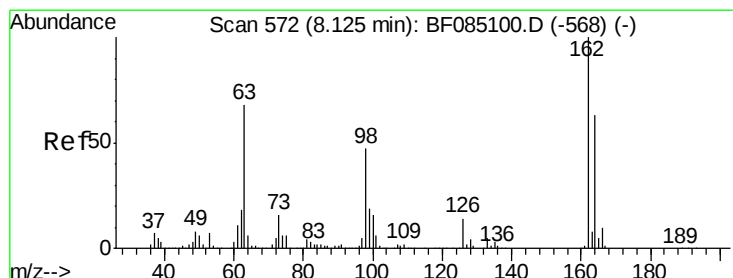
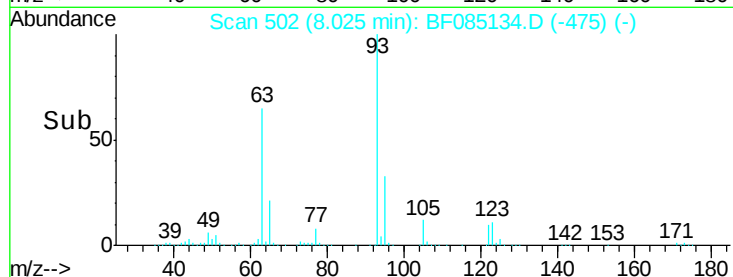
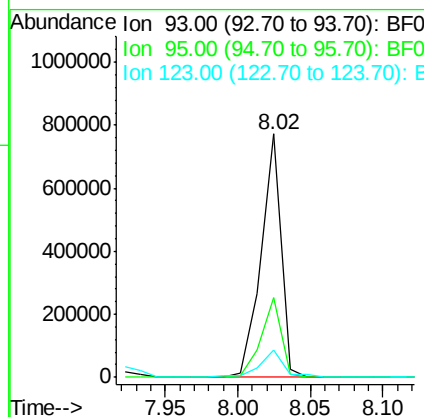
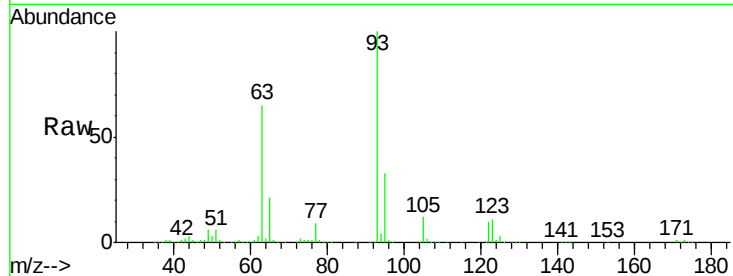
#28
bis(2-Chloroethoxy)methane
Concen: 60.12 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	737852		
95	32.6	26.2	39.4	
123	11.4	8.8	13.2	

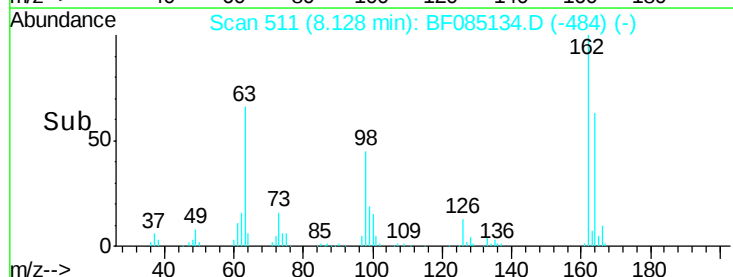
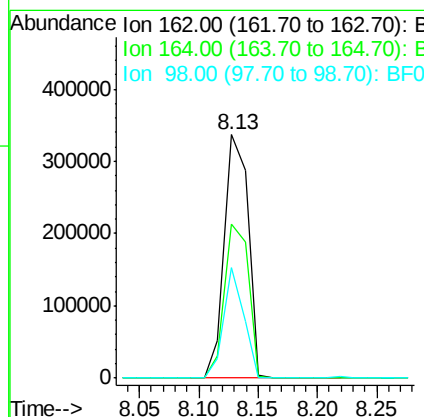
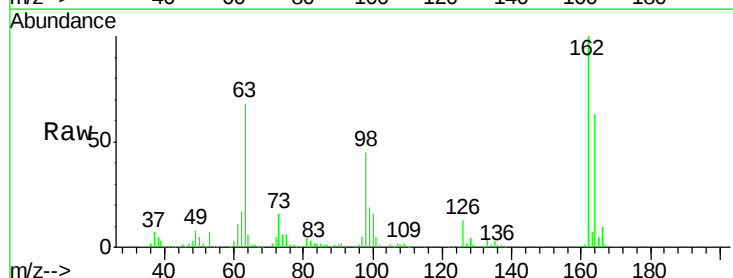
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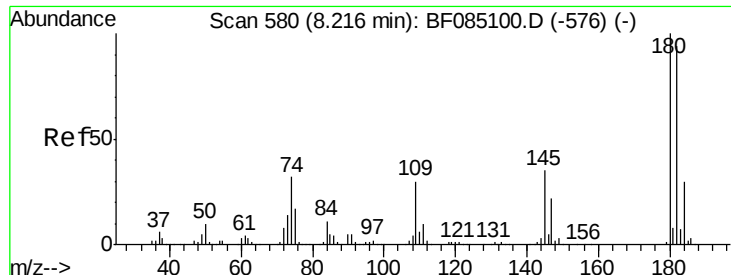
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#29
2,4-Dichlorophenol
Concen: 54.41 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	468278		
164	63.2	42.9	82.9	
98	45.3	26.9	66.9	





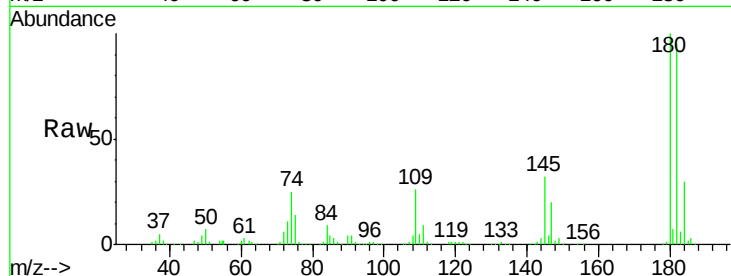
#30
1,2,4-Trichlorobenzene
Concen: 54.38 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	510184		
182	94.6	75.4	113.0	
145	31.9	27.8	41.8	

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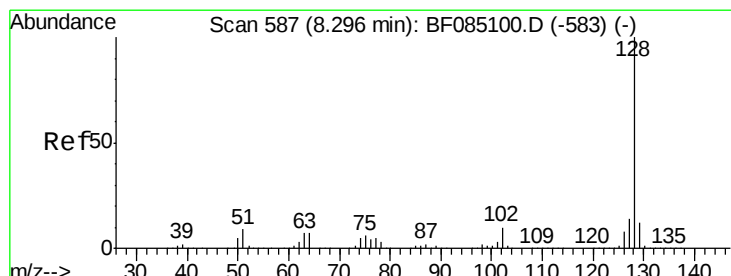
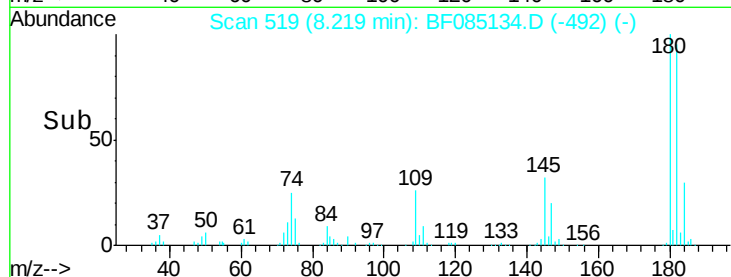
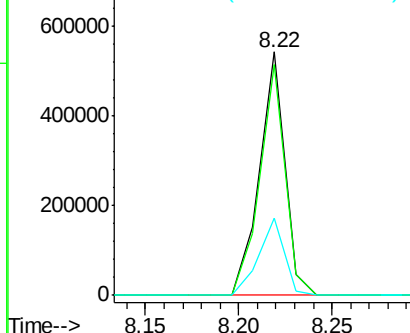


Abundance

Ion 180.00 (179.70 to 180.70): E

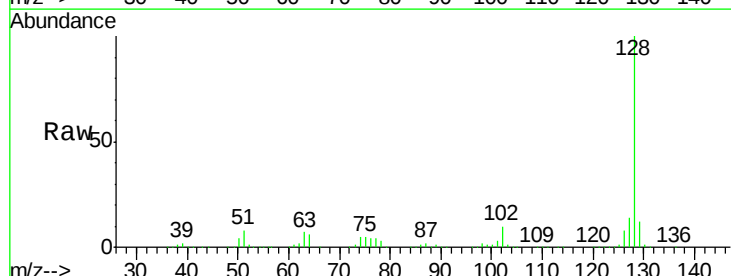
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
Naphthalene
Concen: 56.47 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1767907		
129	12.0	9.7	14.5	
127	14.1	11.1	16.7	

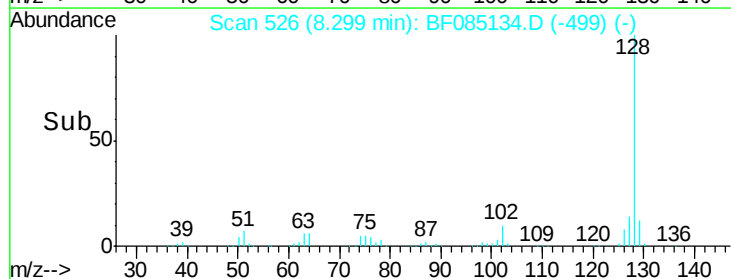
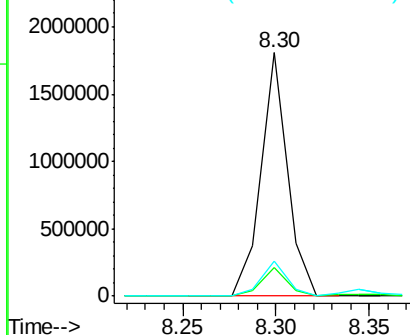


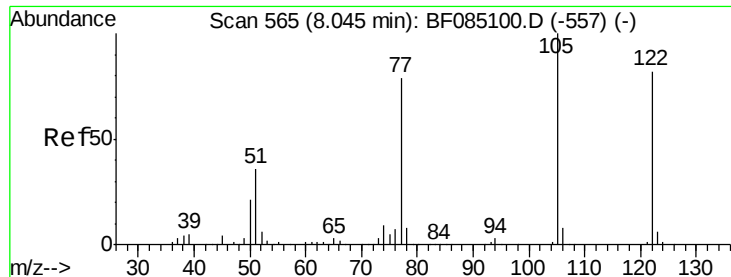
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 55.65 ng

RT: 8.05 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

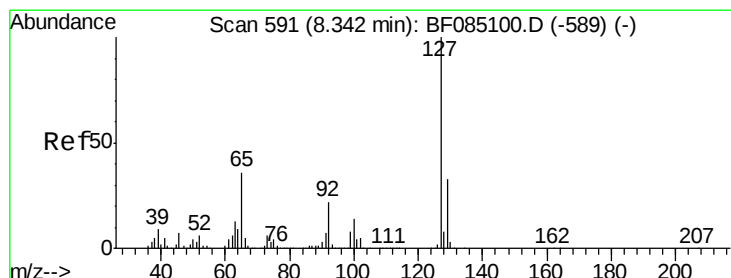
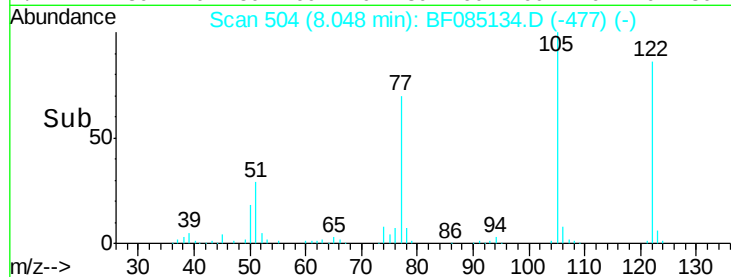
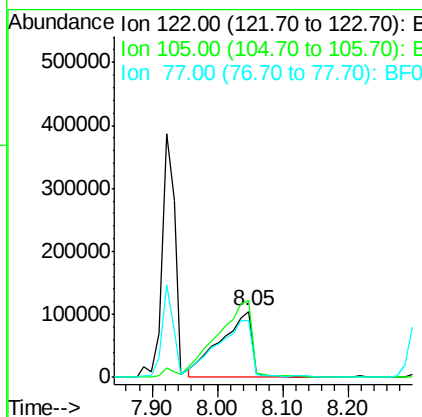
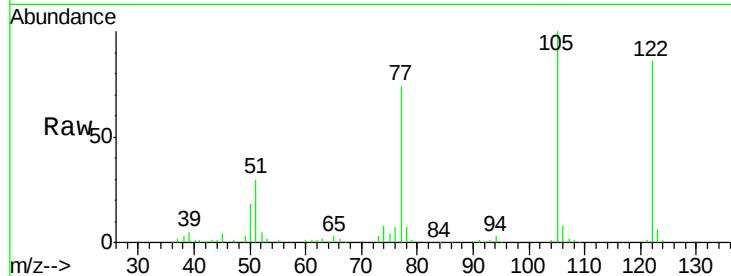
ClientSampleId :

20160225-WC-CMS

Tgt Ion:	122	Resp:	353657
Ion Ratio	Lower	Upper	
122	100		
105	116.3	102.0	142.0
77	85.8	76.8	116.8

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#33

4-Chloroaniline

Concen: 6.87 ng

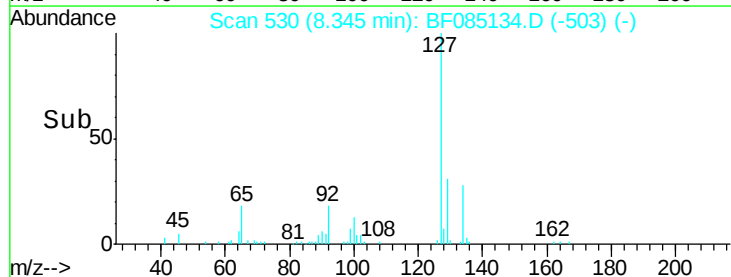
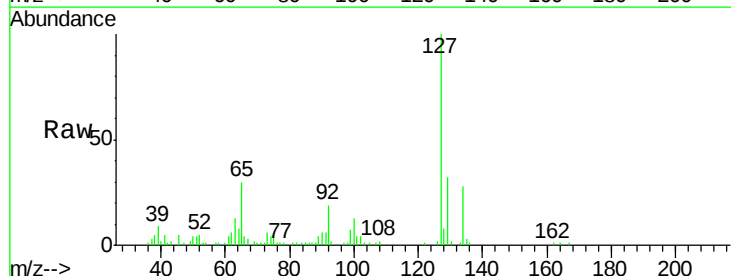
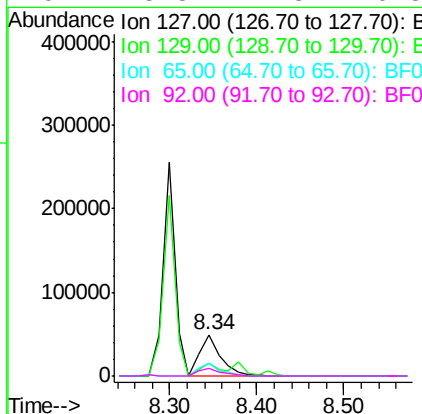
RT: 8.34 min Scan# 530

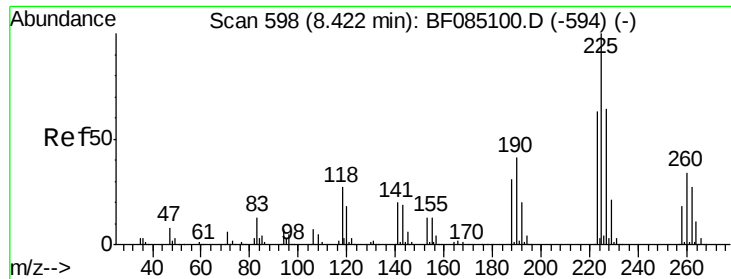
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:	127	Resp:	85008
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.3	39.5
65	30.4	28.6	43.0
92	18.8	17.8	26.8





#34

Hexachlorobutadiene

Concen: 52.14 ng

RT: 8.41 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

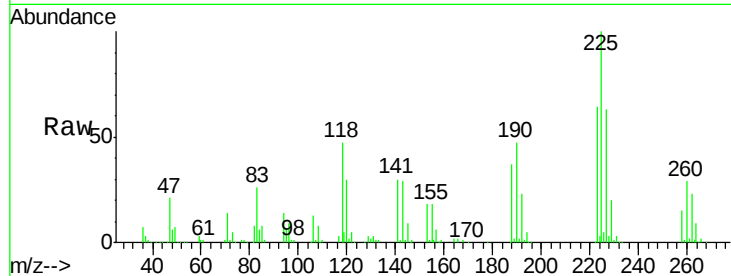
ClientSampleId :

20160225-WC-CMS

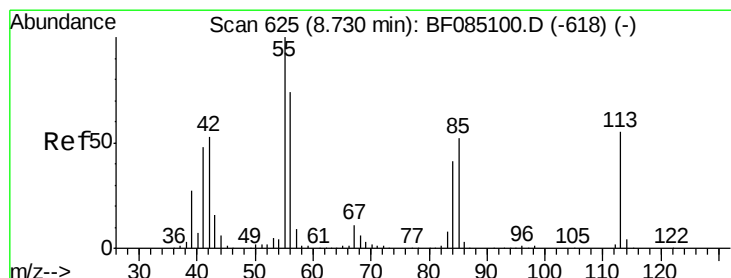
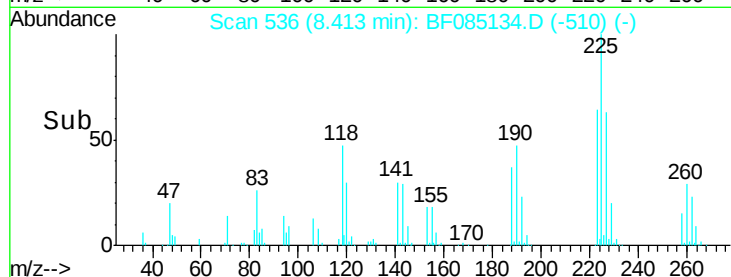
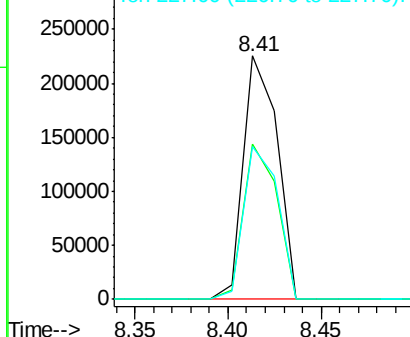
Tgt Ion:	225	Resp:	283748
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.4	75.6
227	62.8	51.6	77.4

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 50.56 ng m

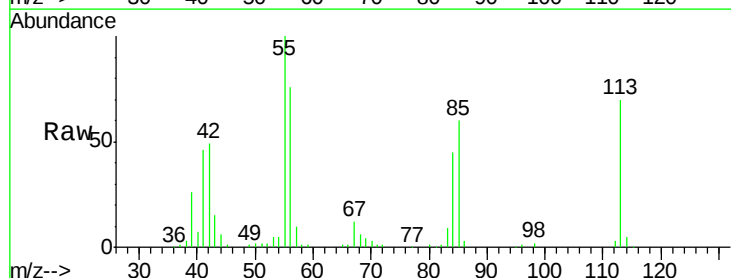
RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

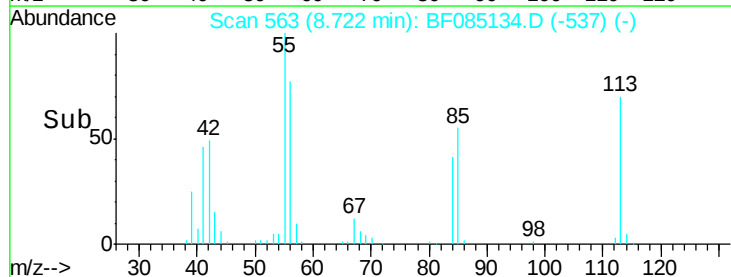
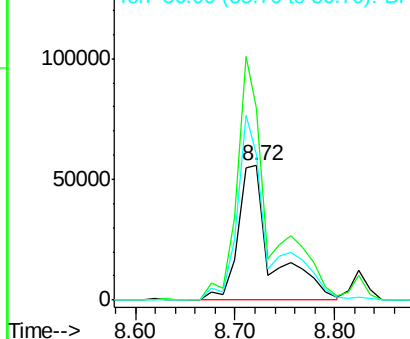
Lab File: BF085134.D

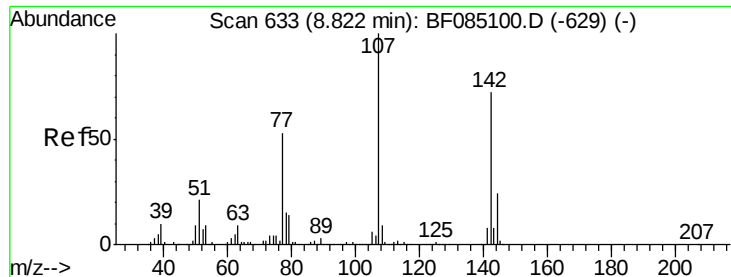
Acq: 2 Mar 2016 22:10

Tgt Ion:	113	Resp:	136575
Ion Ratio	Lower	Upper	
113	100		
55	143.1	162.9	202.9#
56	109.0	114.5	154.5#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





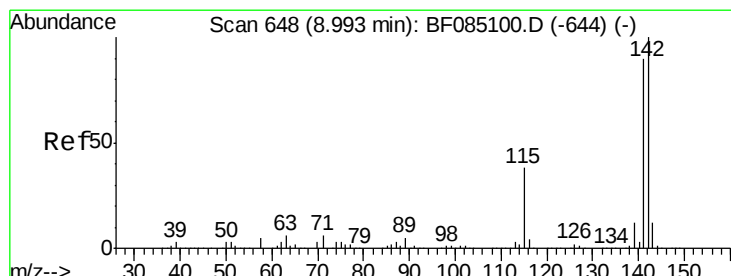
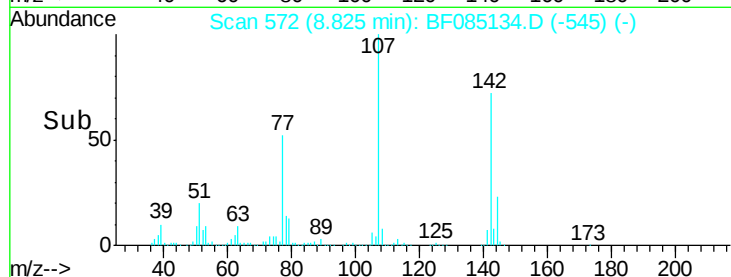
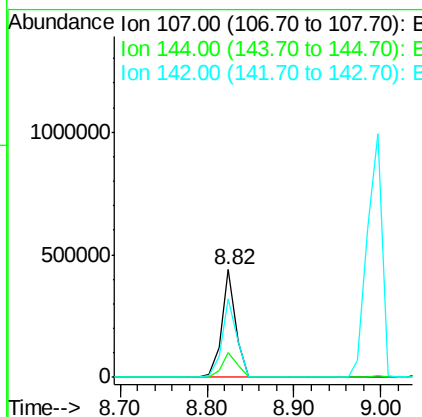
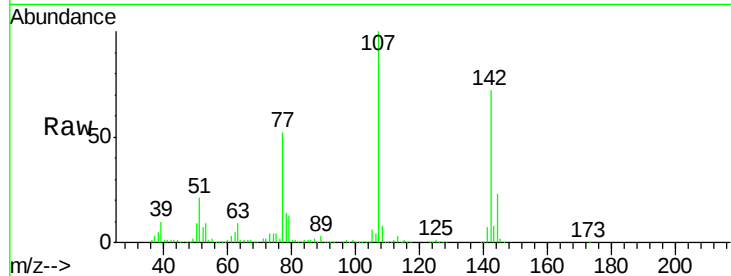
#36
 4-Chloro-3-methylphenol
 Concen: 52.10 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.9	28.3
142	72.4	57.9	86.9

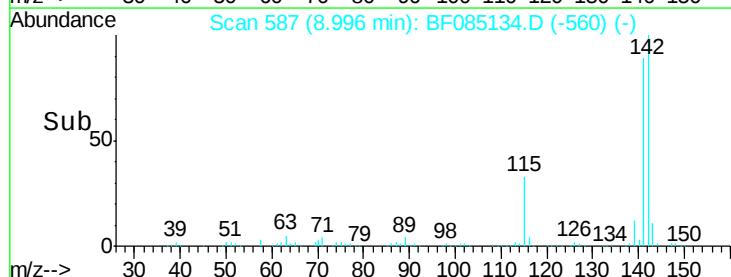
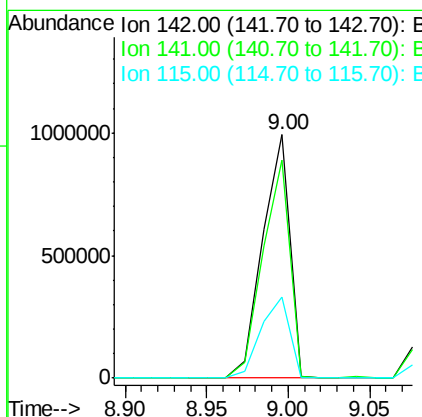
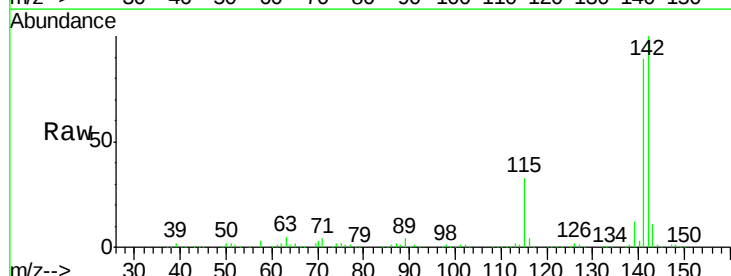
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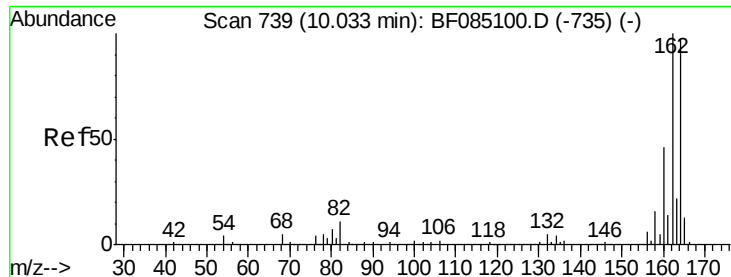
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#37
 2-Methylnaphthalene
 Concen: 60.13 ng
 RT: 9.00 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5
115	33.0	30.1	45.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF085134.D

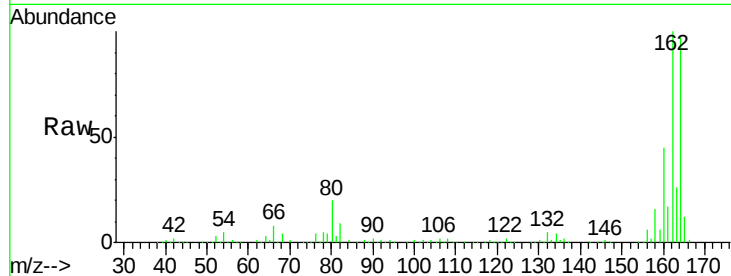
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

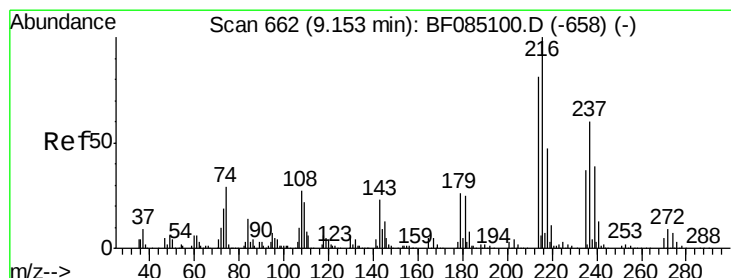
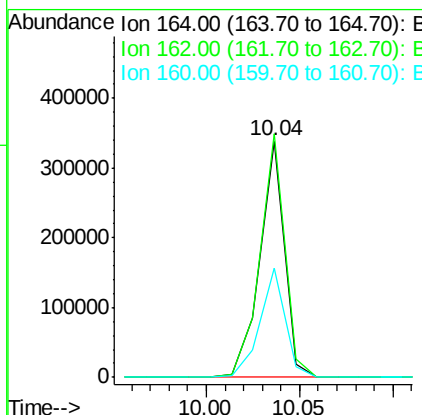
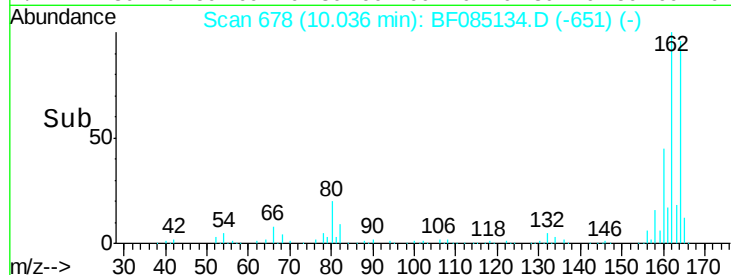
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.2	38.2	57.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.85 ng

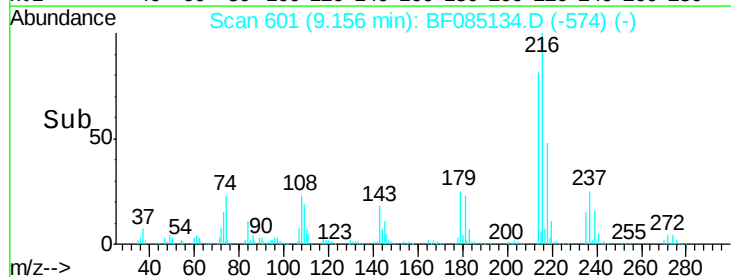
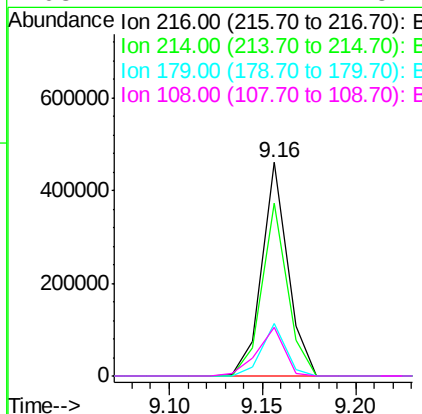
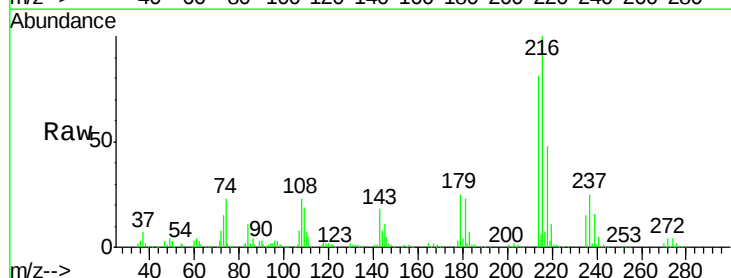
RT: 9.16 min Scan# 601

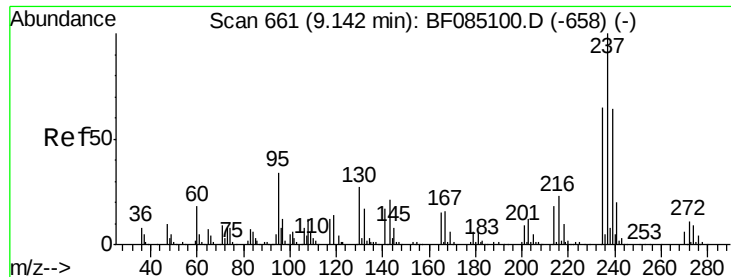
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.7	95.5
179	23.1	18.1	27.1
108	24.1	17.1	25.7





#40

Hexachlorocyclopentadiene

Concen: 86.67 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

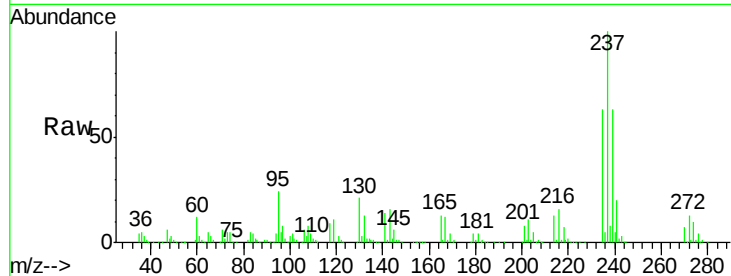
ClientSampleId :

20160225-WC-CMS

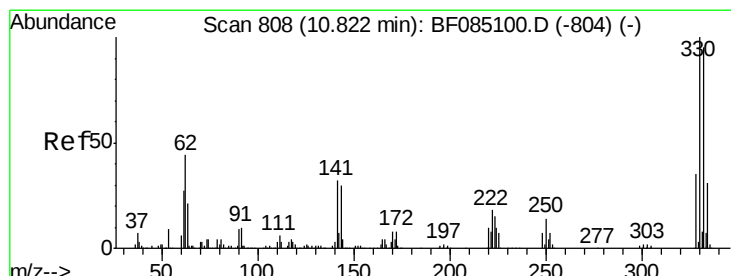
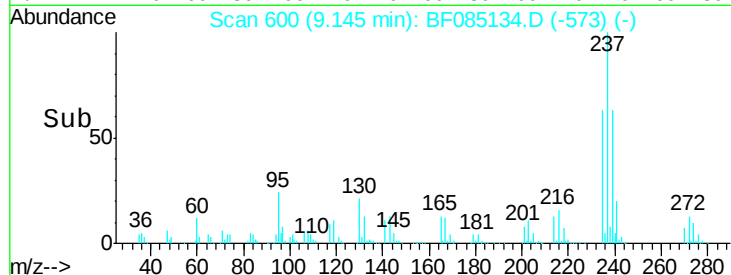
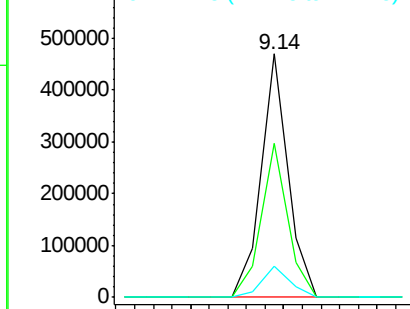
Tgt Ion:	237	Resp:	465164
Ion Ratio	Lower	Upper	
237	100		
235	63.3	45.3	85.3
272	12.8	0.0	31.2

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



#41

2,4,6-Tribromophenol

Concen: 154.49 ng

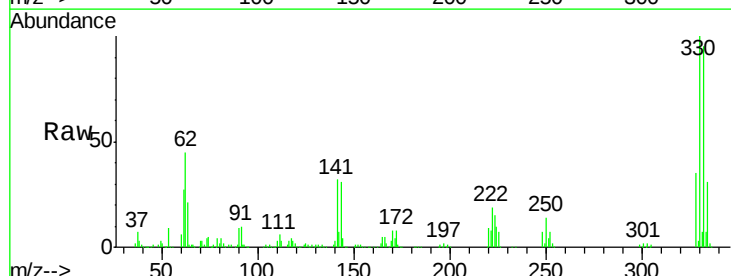
RT: 10.82 min Scan# 747

Delta R.T. 0.00 min

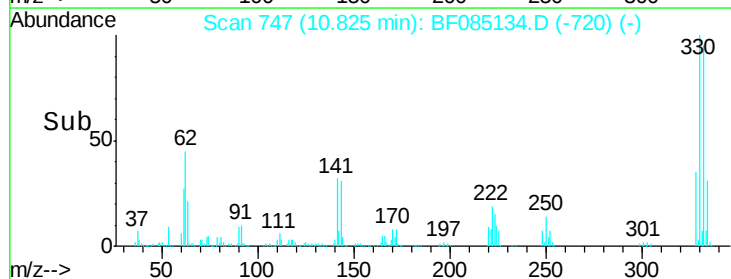
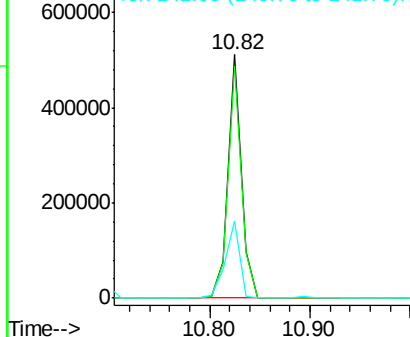
Lab File: BF085134.D

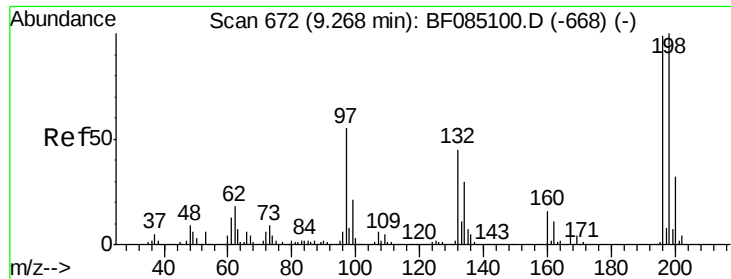
Acq: 2 Mar 2016 22:10

Tgt Ion:	330	Resp:	475200
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.9	113.9
141	33.7	28.9	43.3



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





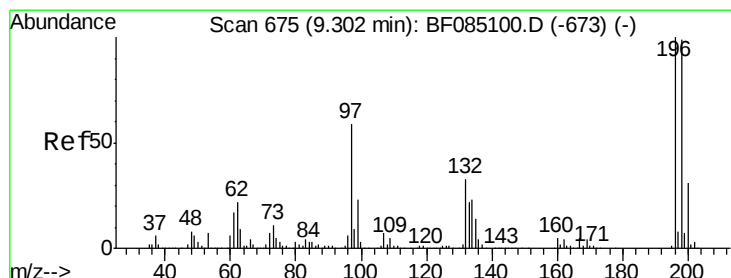
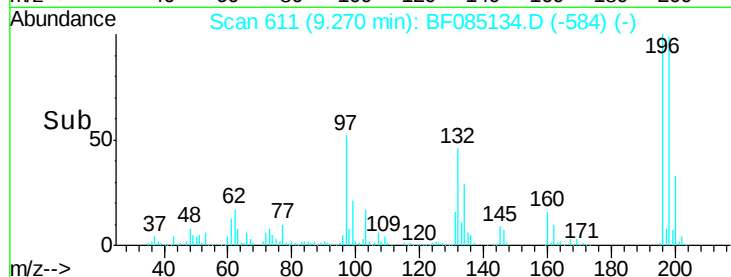
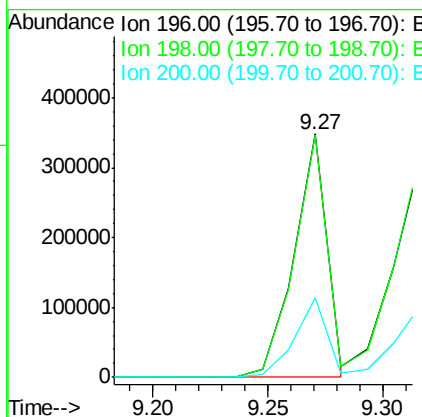
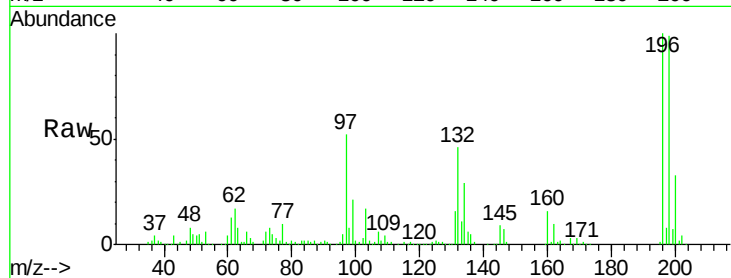
#42
 2,4,6-Trichlorophenol
 Concen: 54.41 ng m
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345283		
198	99.4	80.4	120.6	
200	32.9	25.8	38.8	

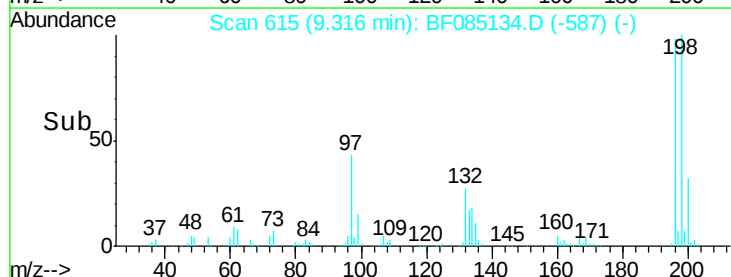
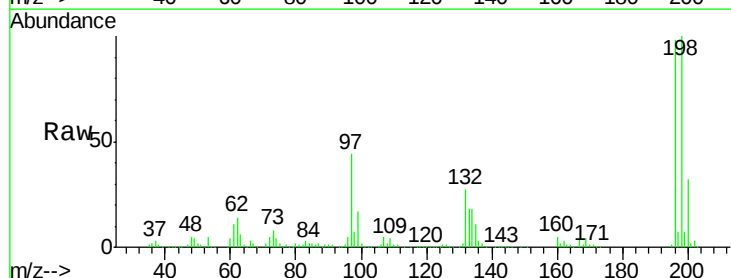
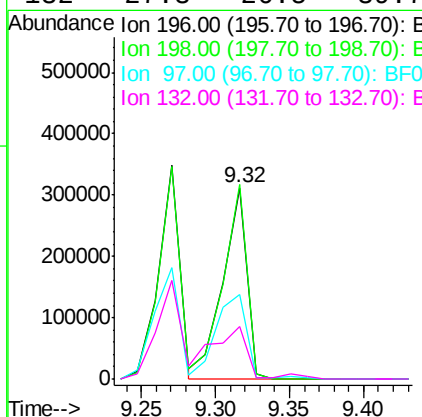
Manual Integrations
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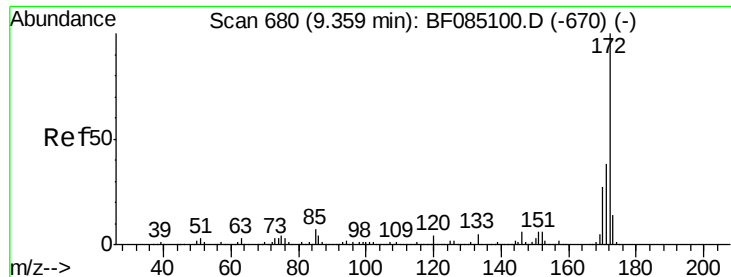
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#43
 2,4,5-Trichlorophenol
 Concen: 58.65 ng m
 RT: 9.32 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356700		
198	102.0	79.5	119.3	
97	44.4	47.3	70.9	
132	27.3	26.5	39.7	





#44

2-Fluorobiphenyl

Concen: 92.93 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF085134.D

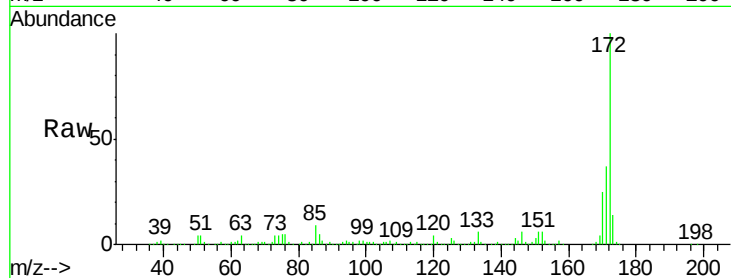
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS



Tgt Ion:172 Resp: 1931392

Ion Ratio Lower Upper

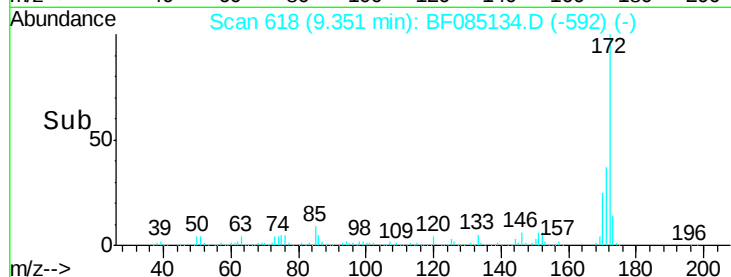
172 100

171 36.6 30.5 45.7

170 25.1 21.2 31.8

Manual Integrations
APPROVED

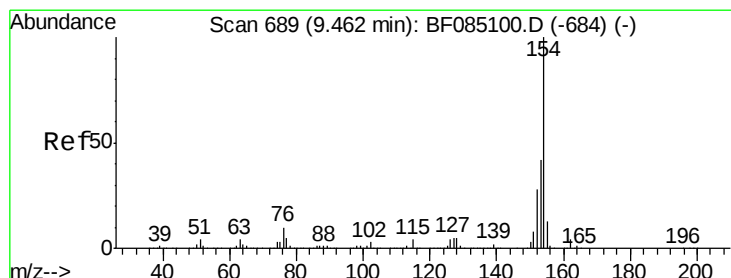
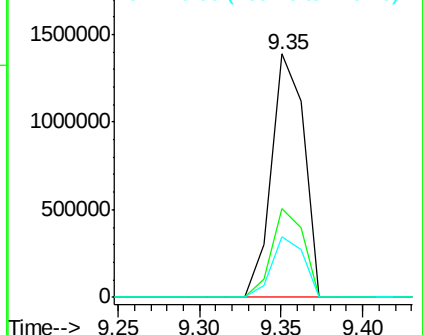
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.53 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

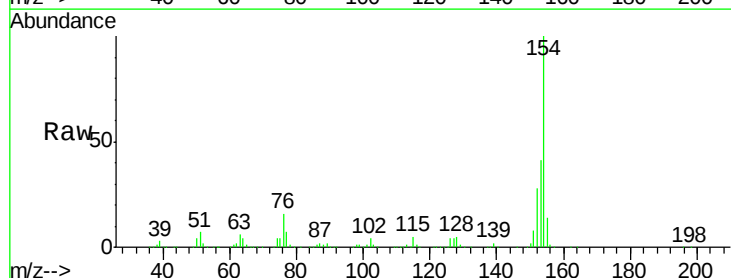
Tgt Ion:154 Resp: 1209811

Ion Ratio Lower Upper

154 100

153 40.8 21.5 61.5

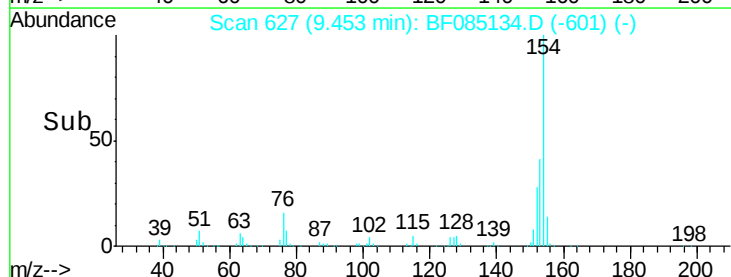
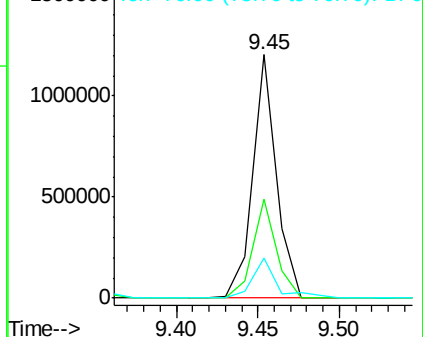
76 16.2 0.0 29.7

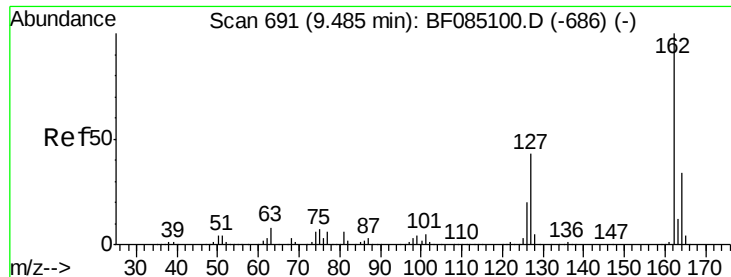


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

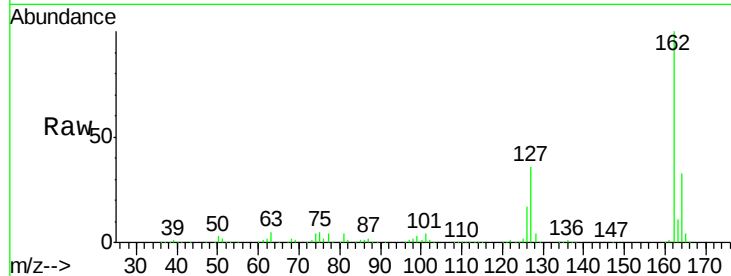
Ion 76.00 (75.70 to 76.70): BF0





#46
2-Chloronaphthalene
Concen: 50.50 ng
RT: 9.49 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

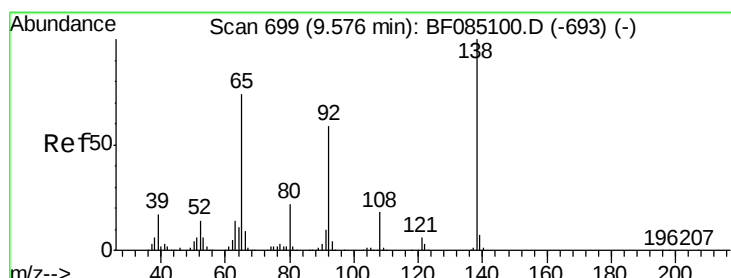
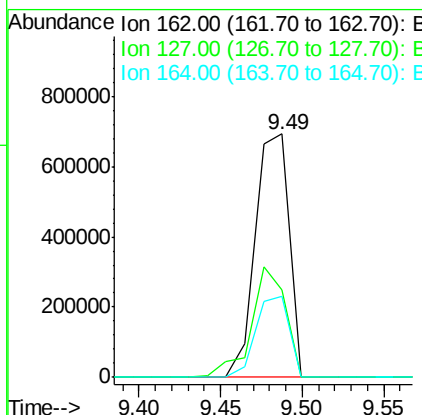
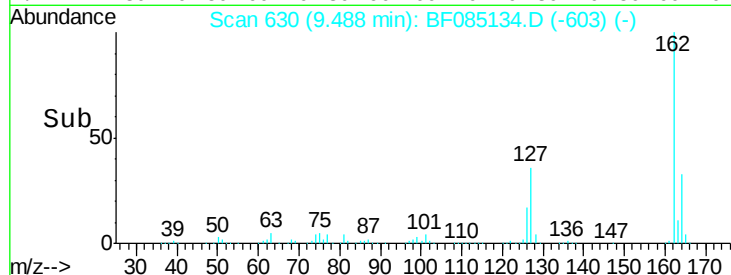
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion: 162 Resp: 1000832
Ion Ratio Lower Upper
162 100
127 36.0 34.2 51.4
164 33.5 27.2 40.8

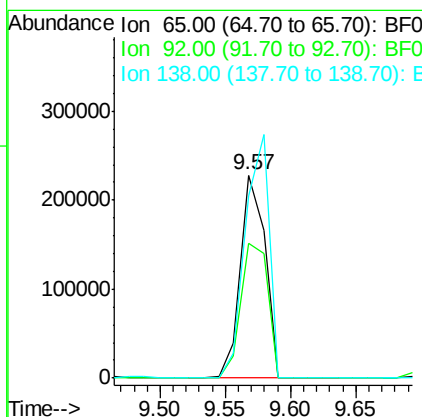
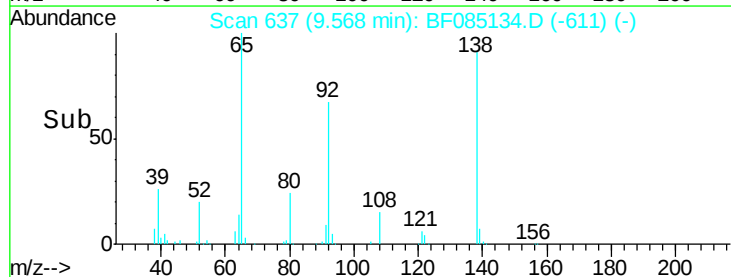
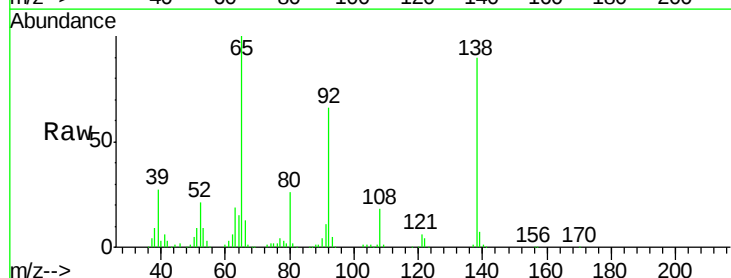
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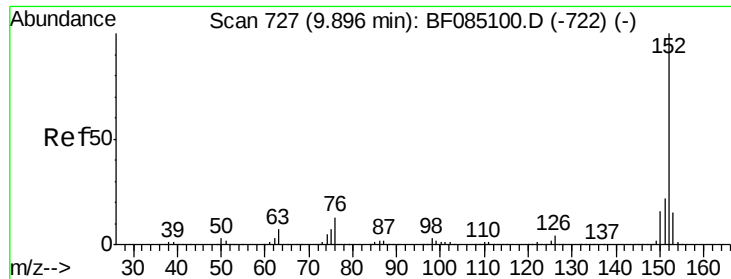
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#47
2-Nitroaniline
Concen: 48.03 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion: 65 Resp: 298770
Ion Ratio Lower Upper
65 100
92 66.5 63.8 95.6
138 89.7 108.5 162.7#





#48

Acenaphthylene

Concen: 51.42 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085134.D

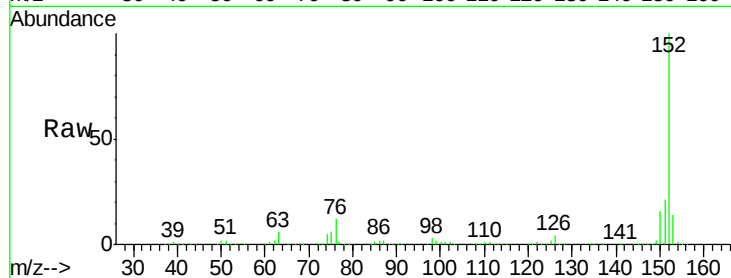
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS



Tgt Ion:152 Resp: 1514352

Ion Ratio Lower Upper

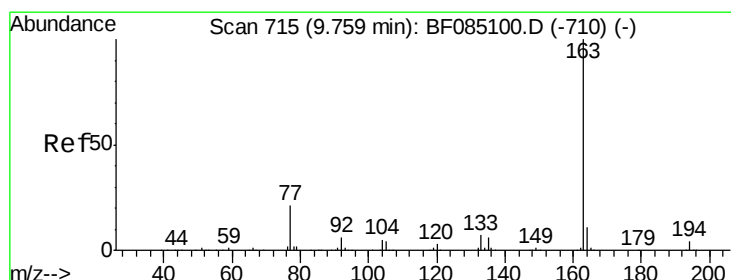
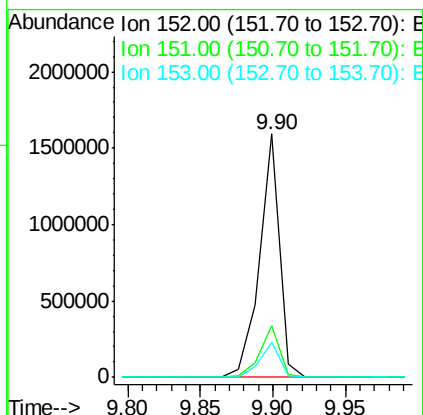
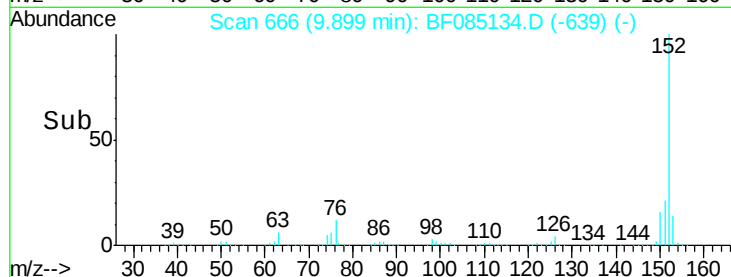
152 100

151 21.3 17.4 26.0

153 14.5 12.0 18.0

Manual Integrations
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#49

Dimethylphthalate

Concen: 51.60 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

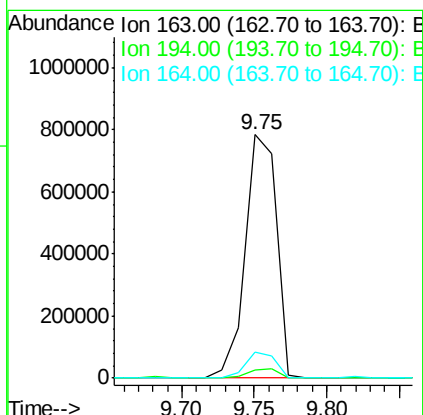
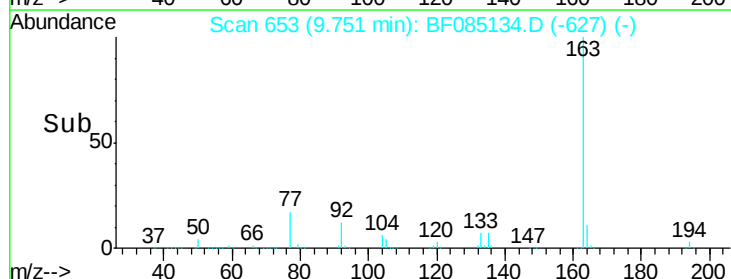
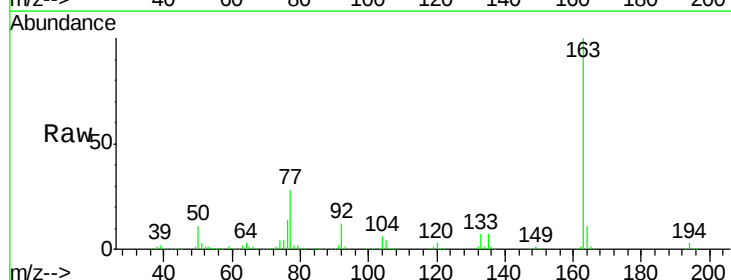
Tgt Ion:163 Resp: 1171055

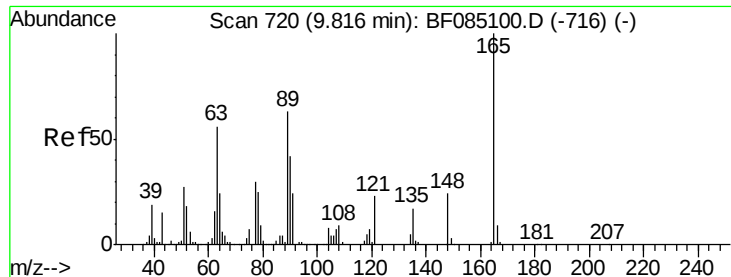
Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

164 10.9 8.6 12.8





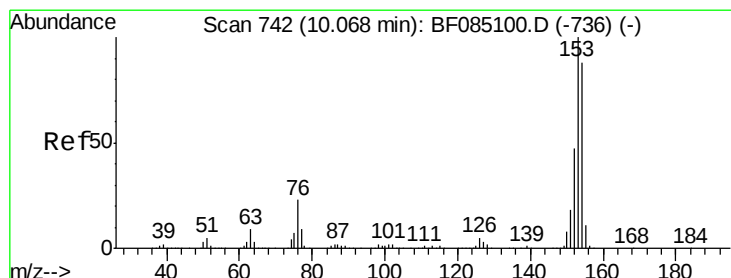
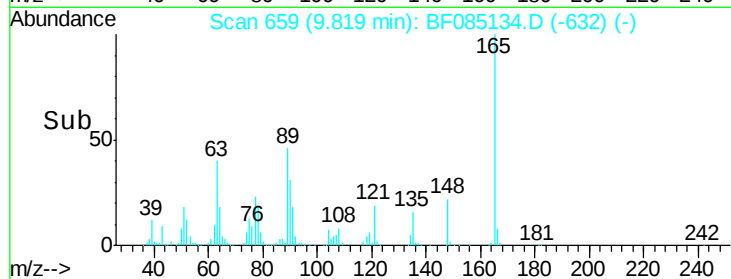
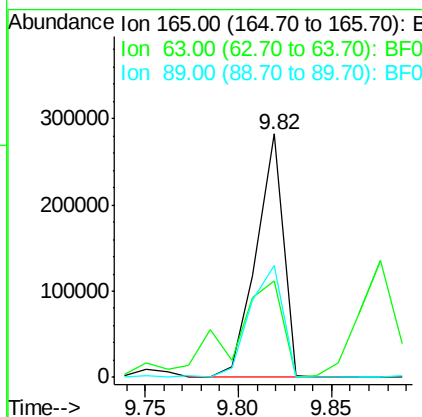
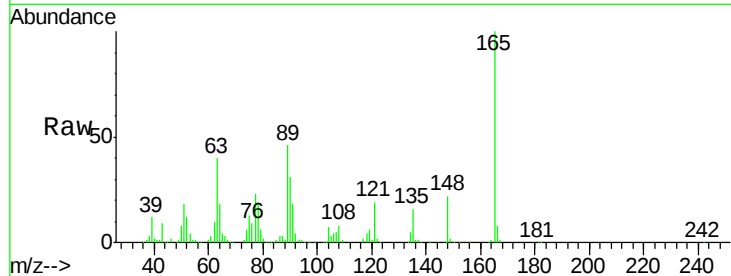
#50
2,6-Dinitrotoluene
Concen: 60.49 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	284680		
63	39.7	47.4	71.2#	
89	46.1	50.2	75.2#	

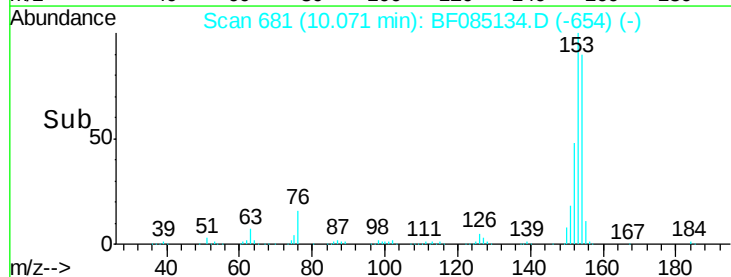
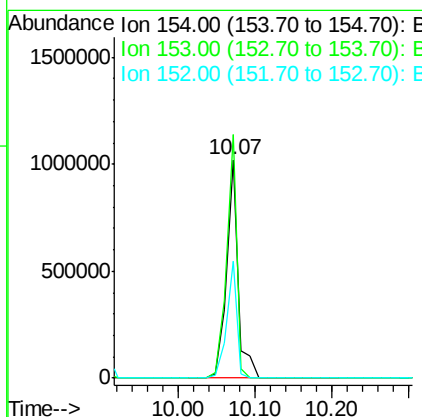
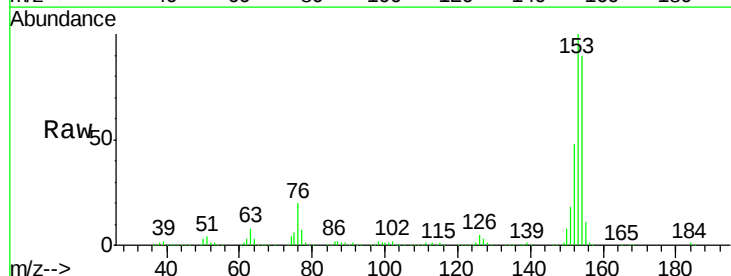
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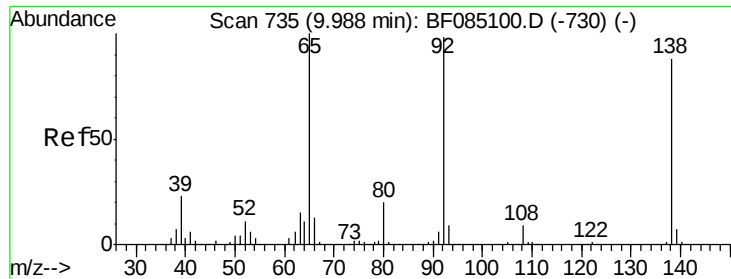
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#51
Acenaphthene
Concen: 59.36 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1097515		
153	111.5	91.0	136.6	
152	53.4	43.0	64.6	





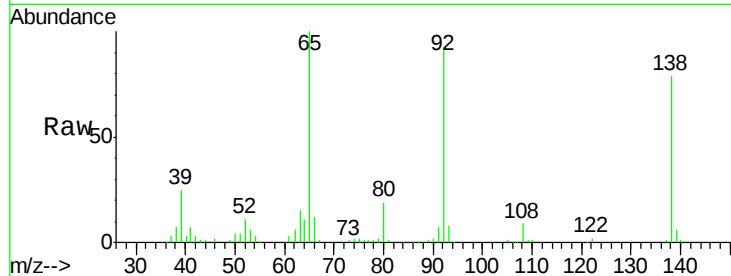
#52
3-Nitroaniline
Concen: 13.27 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

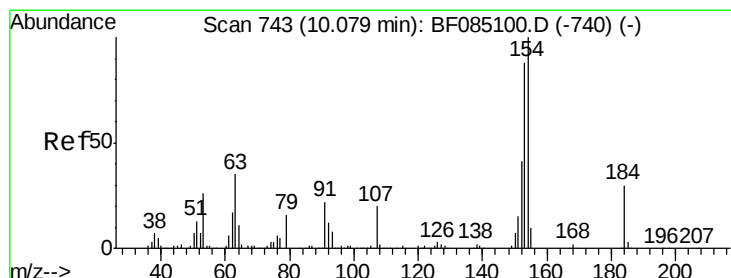
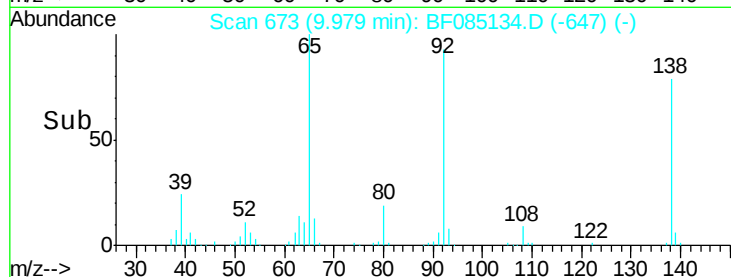
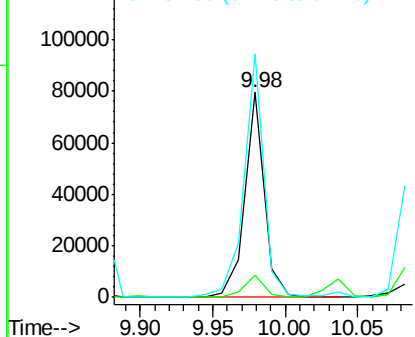
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.2
92	118.9	89.0	133.6

Manual Integrations
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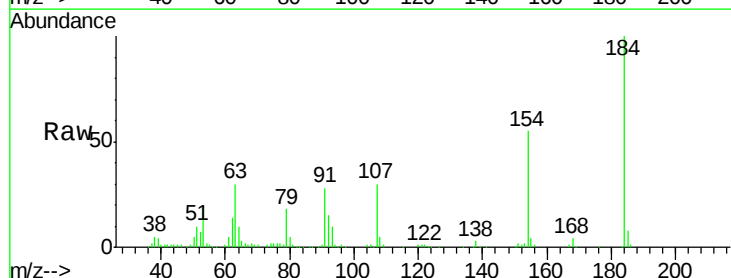


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

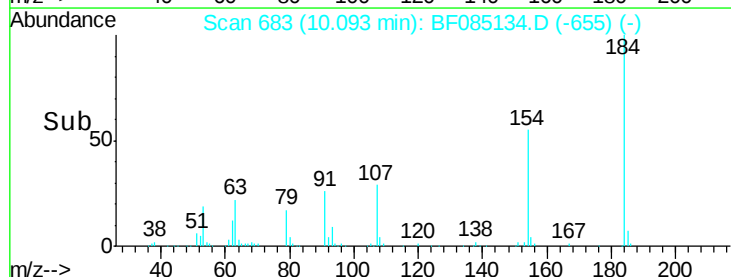
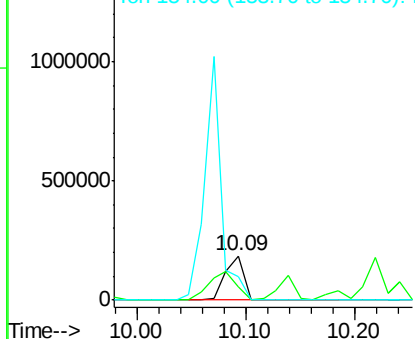


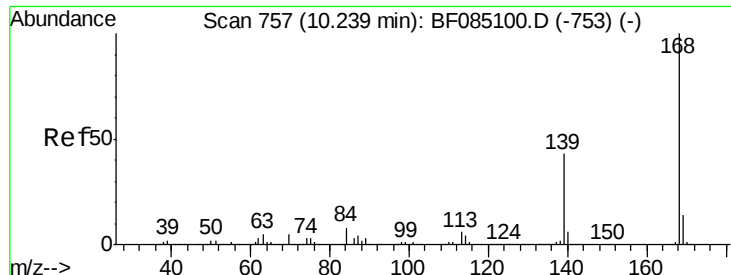
#53
2,4-Dinitrophenol
Concen: 87.20 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	30.2	94.0	141.0#
154	54.5	269.8	404.8#



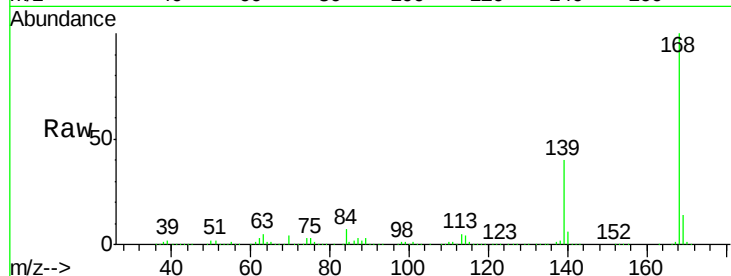
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54
Dibenzenofuran
Concen: 58.36 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

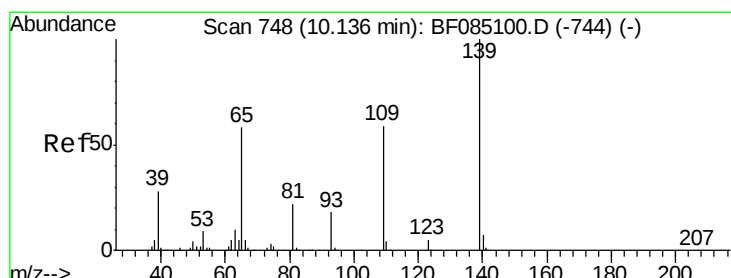
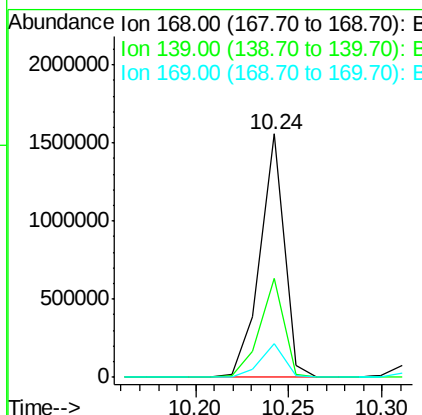
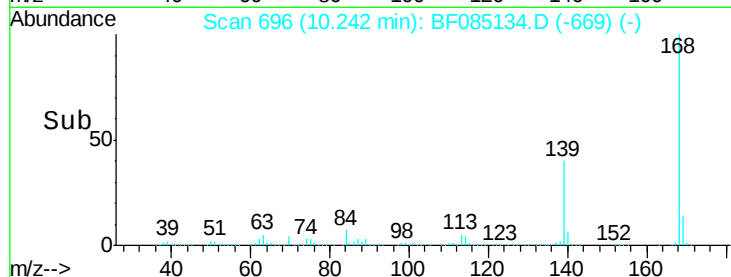
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion:168 Resp: 1400901
Ion Ratio Lower Upper
168 100
139 40.4 34.2 51.2
169 14.0 11.4 17.2

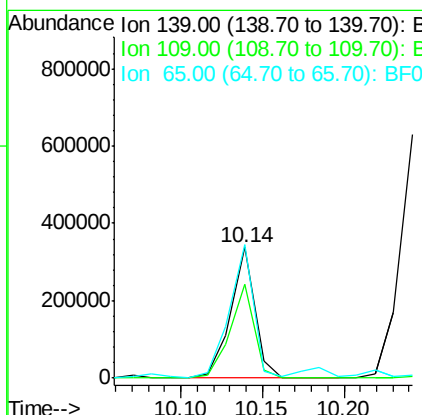
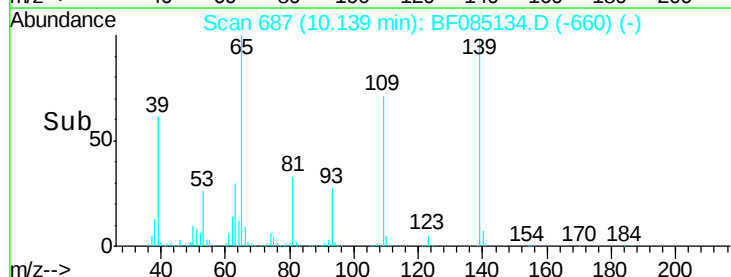
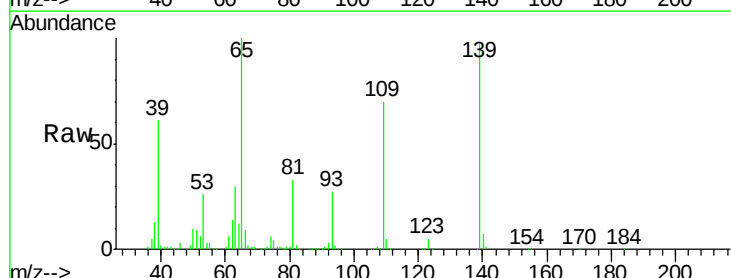
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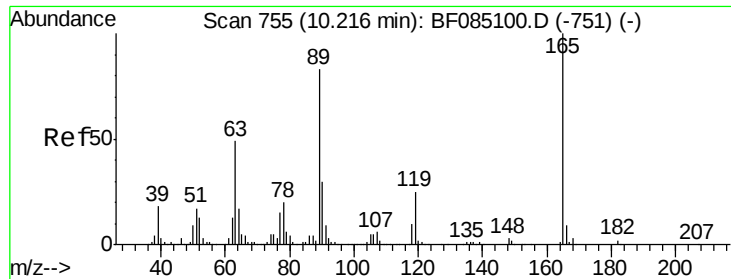
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#55
4-Nitrophenol
Concen: 80.79 ng
RT: 10.14 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

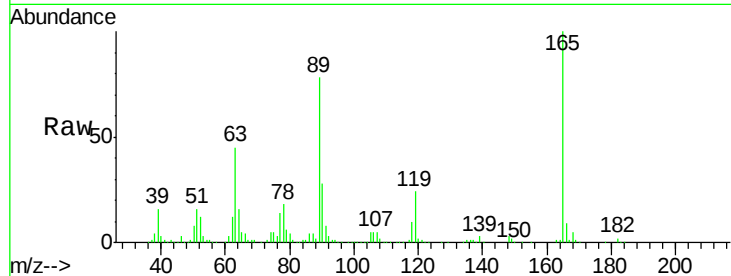
Tgt Ion:139 Resp: 346575
Ion Ratio Lower Upper
139 100
109 72.3 39.5 79.5
65 102.6 38.4 78.4#





#56
2,4-Dinitrotoluene
Concen: 54.48 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

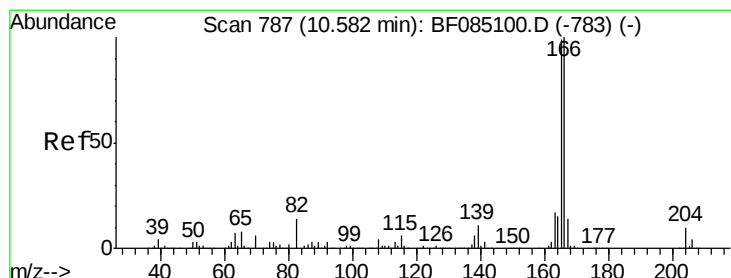
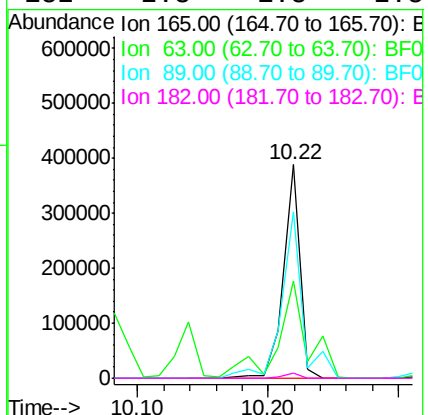
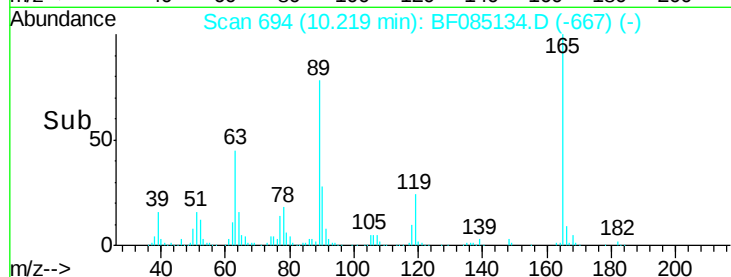
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	345456		
63	45.4	39.2	58.8	
89	78.0	66.2	99.4	
182	2.3	1.8	2.8	

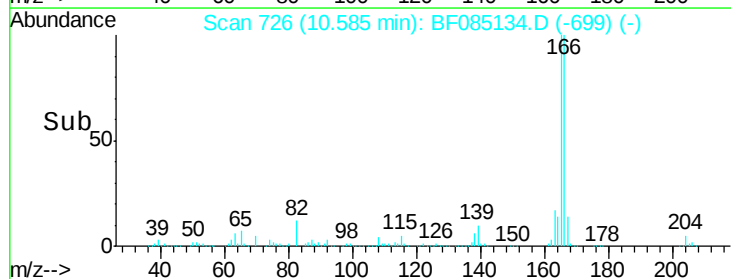
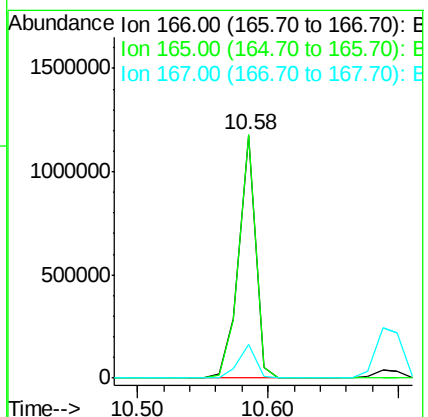
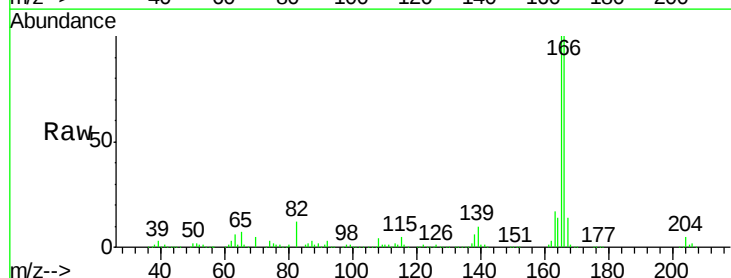
Manual Integrations
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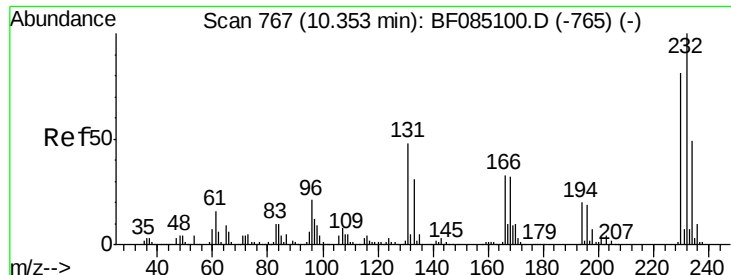
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#57
Fluorene
Concen: 55.81 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

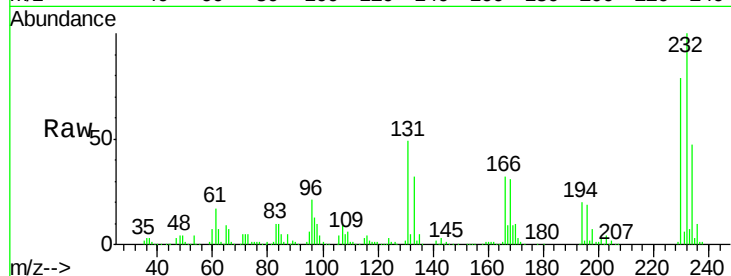
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1053509		
165	100.4	79.4	119.2	
167	13.9	11.2	16.8	





#58
2,3,4,6-Tetrachlorophenol
Concen: 62.57 ng
RT: 10.36 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

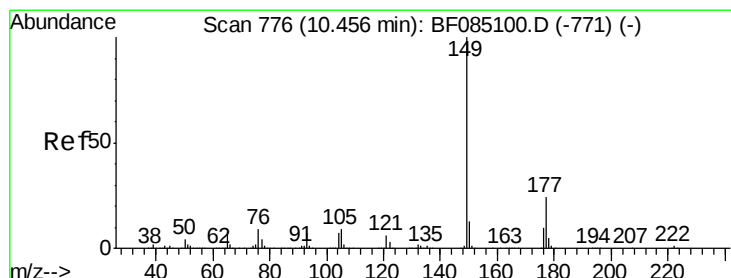
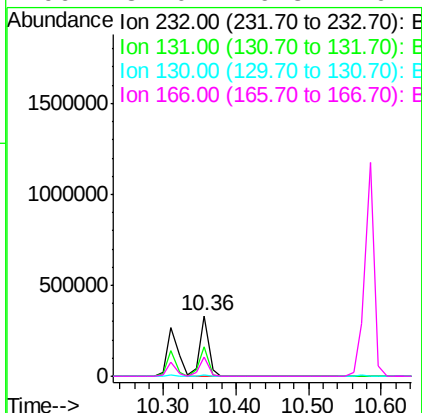
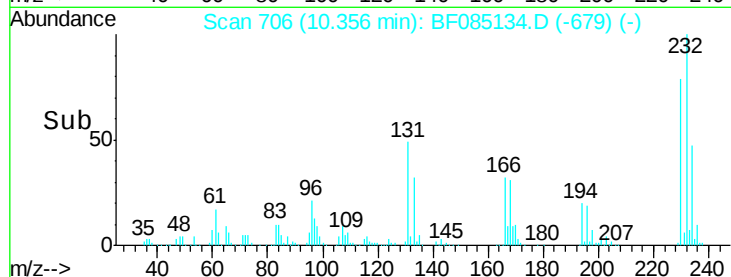
Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	288267		
131	49.8	41.6	62.4	
130	2.5	2.1	3.1	
166	32.0	26.8	40.2	

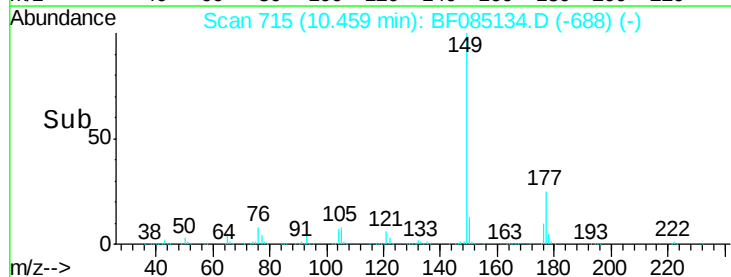
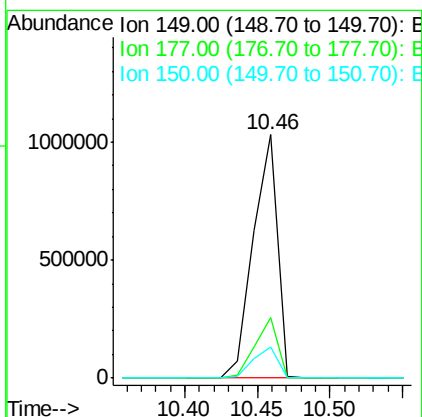
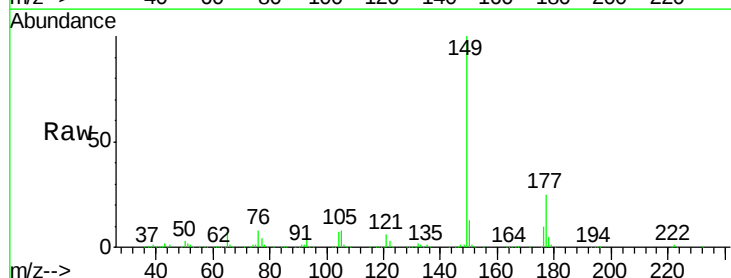
Manual Integrations
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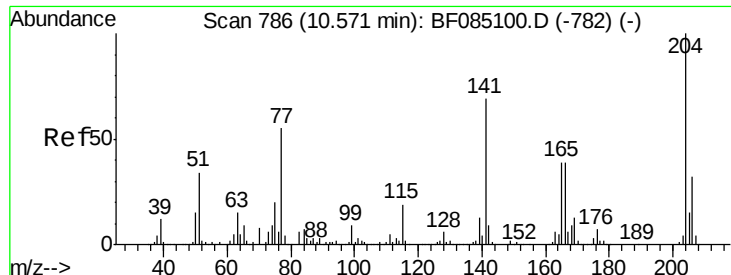
UMANGI
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#59
Diethylphthalate
Concen: 55.03 ng
RT: 10.46 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1196820		
177	24.8	19.4	29.2	
150	12.6	10.1	15.1	





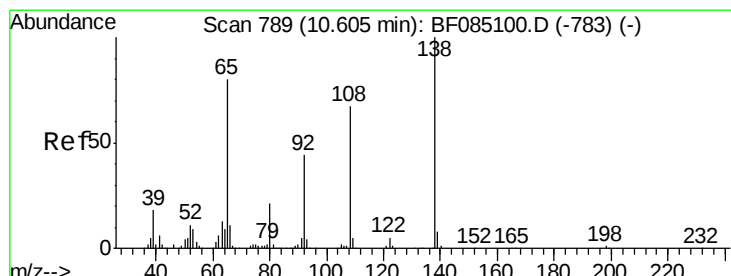
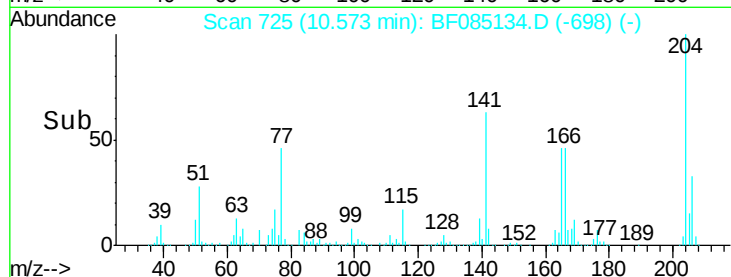
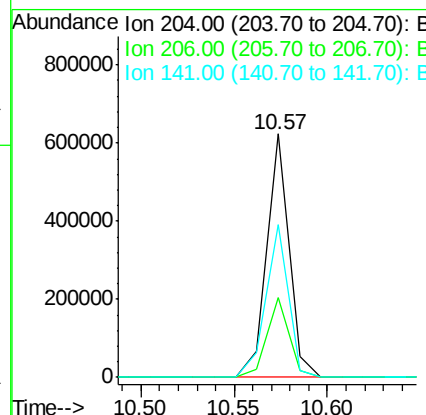
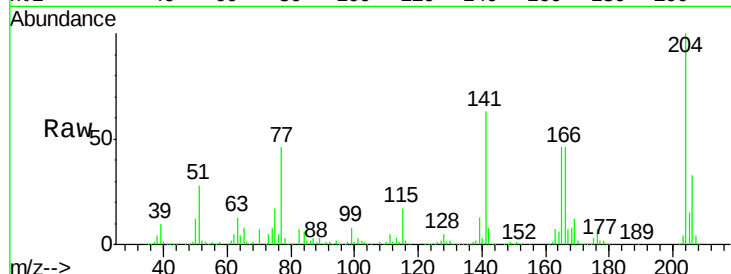
#60
4-Chlorophenyl-phenylether
Concen: 52.64 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	512095		
206	32.9	25.7	38.5	
141	63.0	55.3	82.9	

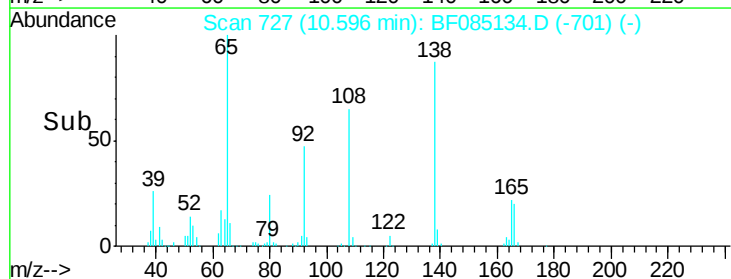
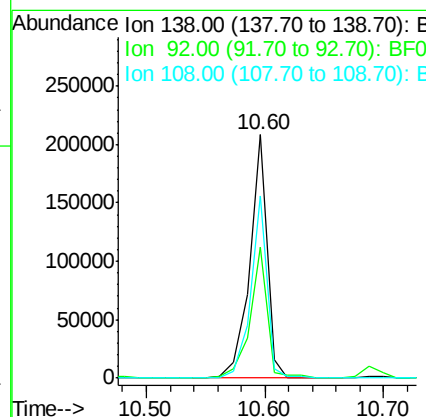
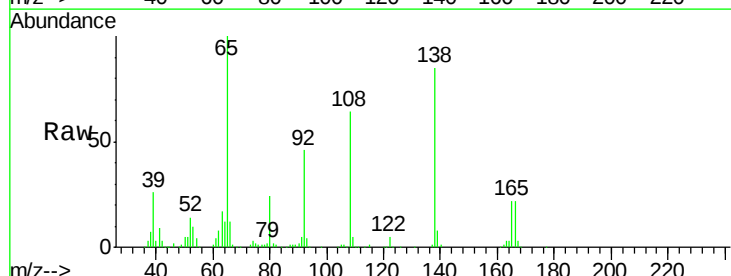
Manual Integrations
APPROVED

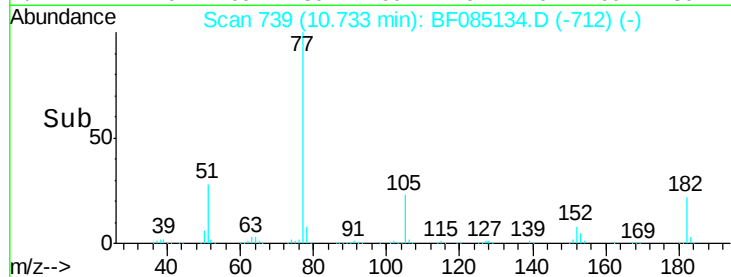
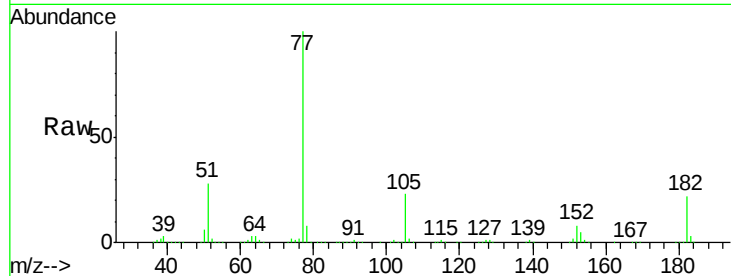
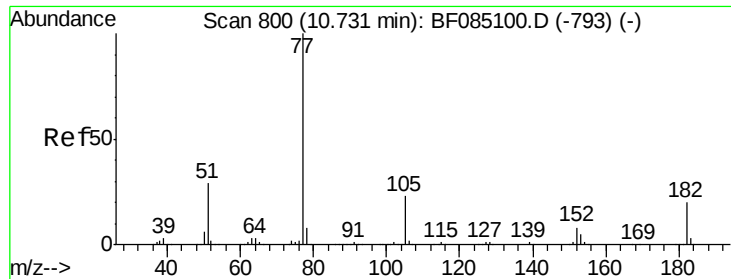
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#61
4-Nitroaniline
Concen: 40.99 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	214775		
92	53.9	23.5	63.5	
108	75.0	46.8	86.8	





#62

Azobenzene

Concen: 56.74 ng

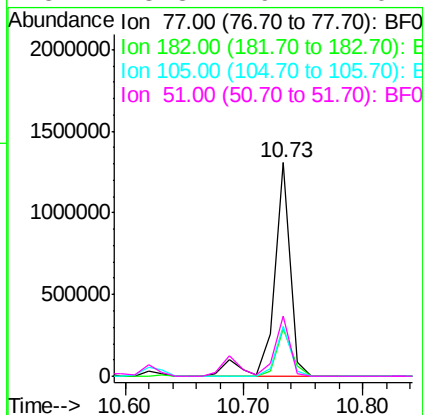
RT: 10.73 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	0.0	39.8
105	23.2	2.7	42.7
51	28.3	9.4	49.4



Instrument :

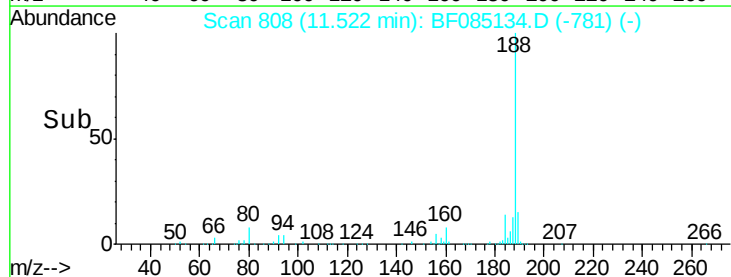
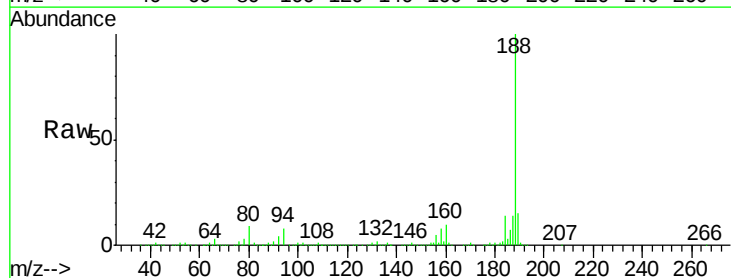
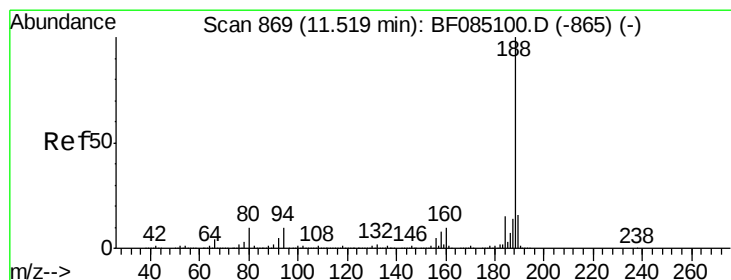
BNA_F

ClientSampleId :

20160225-WC-CMS

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#63

Phenanthrene-d10

Concen: 20.00 ng

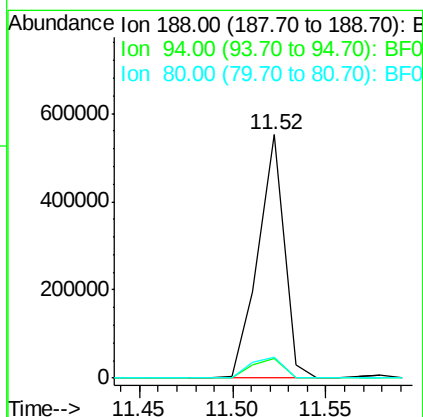
RT: 11.52 min Scan# 808

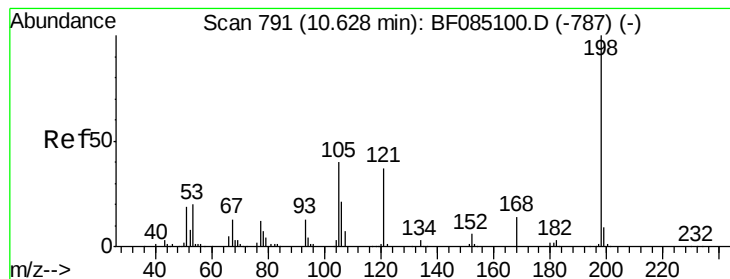
Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.8	11.6
80	8.7	8.2	12.4





#64

4,6-Dinitro-2-methylphenol

Concen: 48.99 ng

RT: 10.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF085134.D

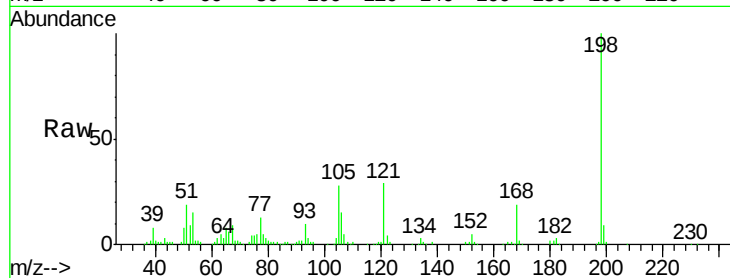
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

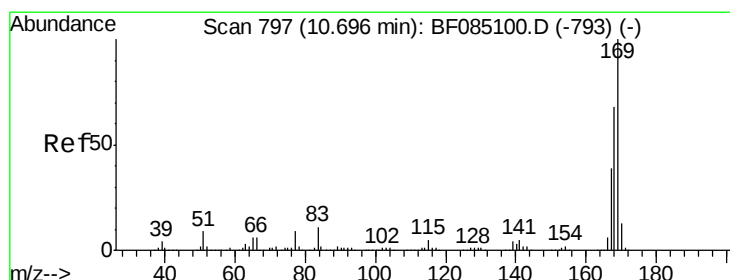
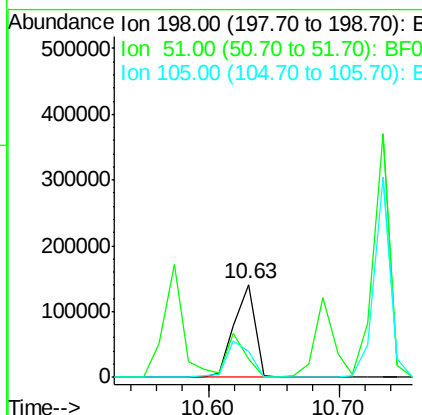
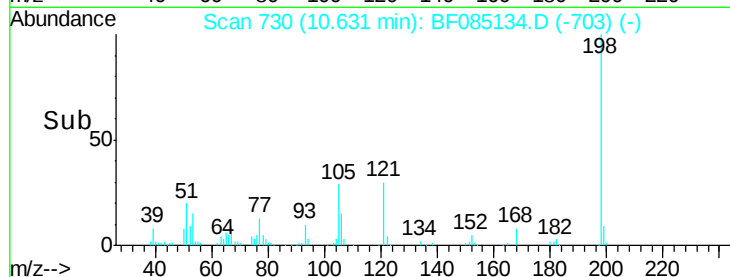
20160225-WC-CMS



Tgt Ion:	198	Resp:	158034
Ion Ratio	Lower	Upper	
198	100		
51	19.1	12.5	52.5
105	27.9	20.2	60.2

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 54.64 ng

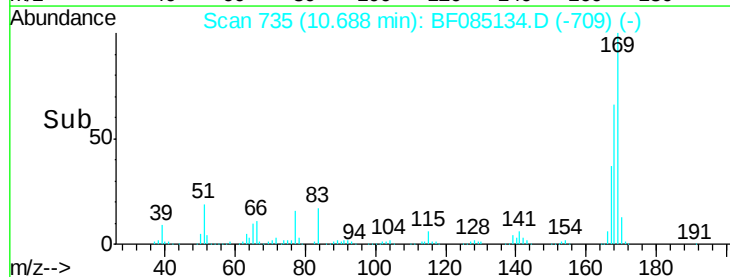
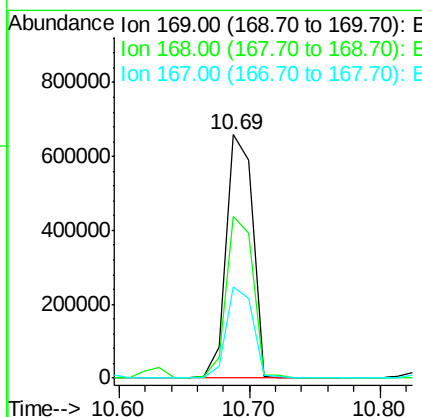
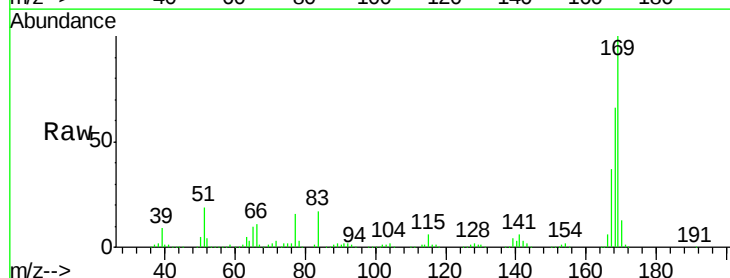
RT: 10.69 min Scan# 735

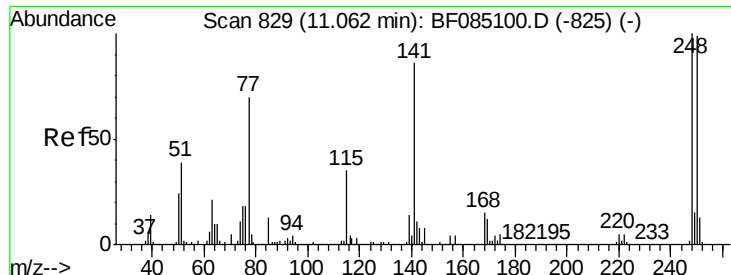
Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion:	169	Resp:	921199
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.6	81.8
167	37.3	30.8	46.2





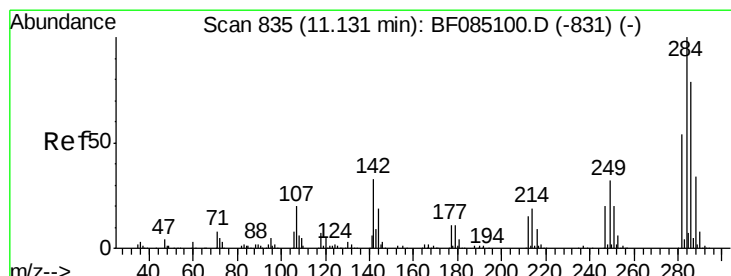
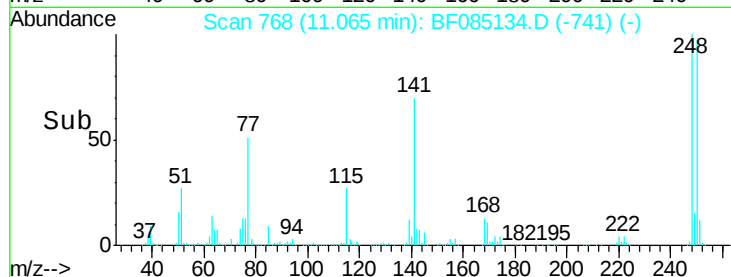
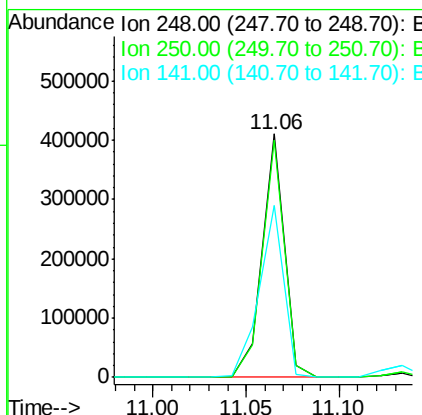
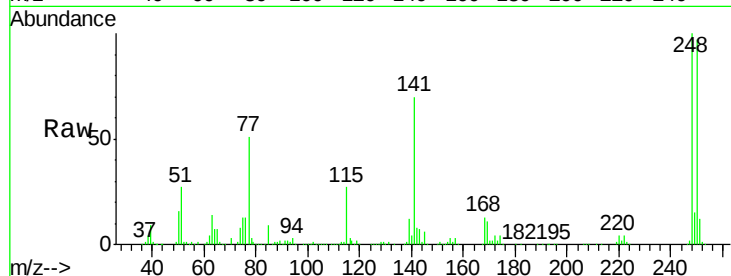
#66
 4-Bromophenyl-phenylether
 Concen: 59.66 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	335089		
250	97.2	79.0	118.4	
141	70.4	68.6	103.0	

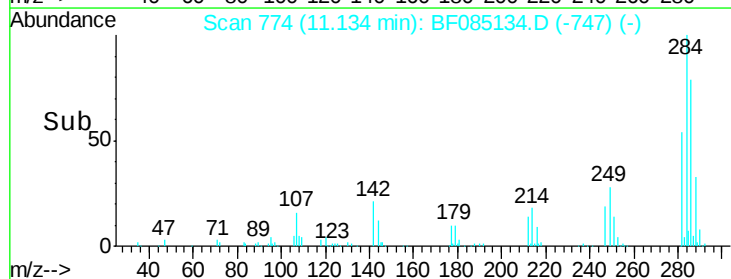
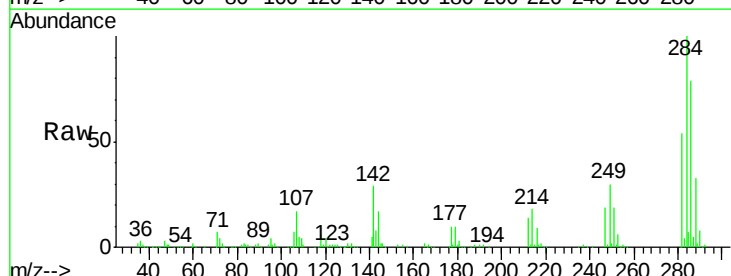
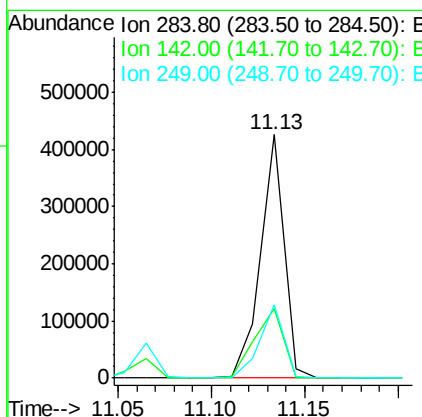
Manual Integrations
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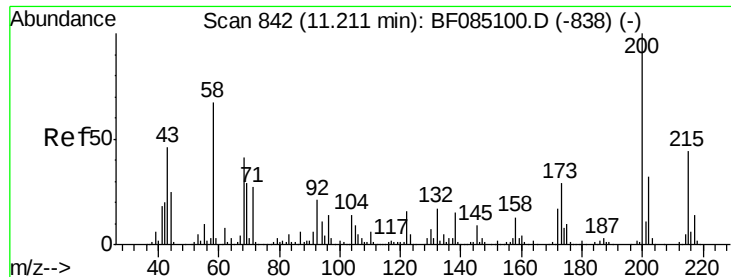
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#67
 Hexachlorobenzene
 Concen: 58.56 ng
 RT: 11.13 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	371278		
142	28.6	26.3	39.5	
249	30.3	25.8	38.6	





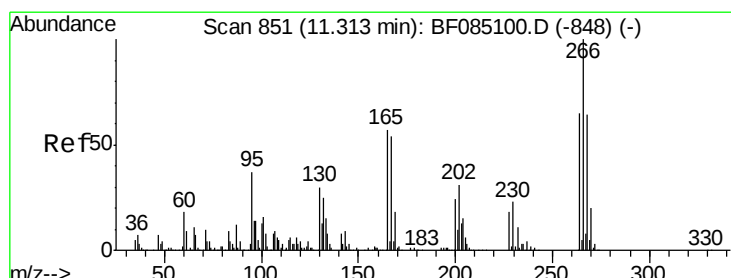
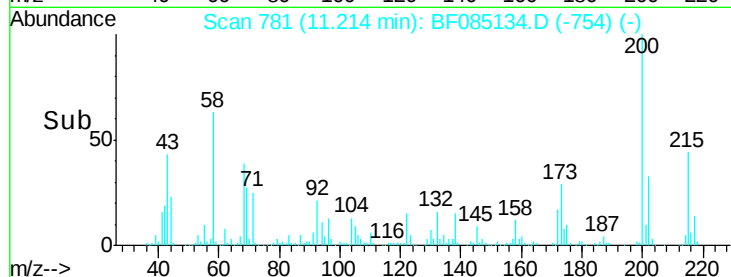
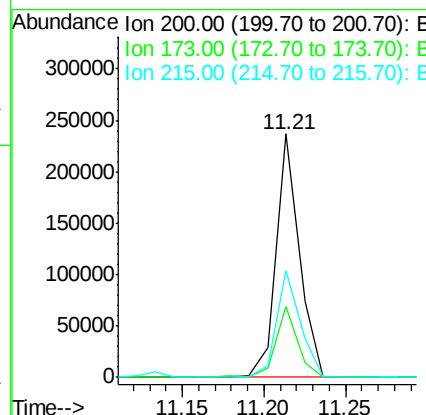
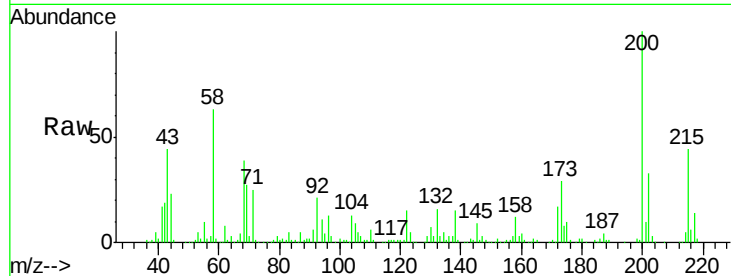
#68
Atrazine
Concen: 45.41 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	9.4	49.4
215	43.7	23.6	63.6

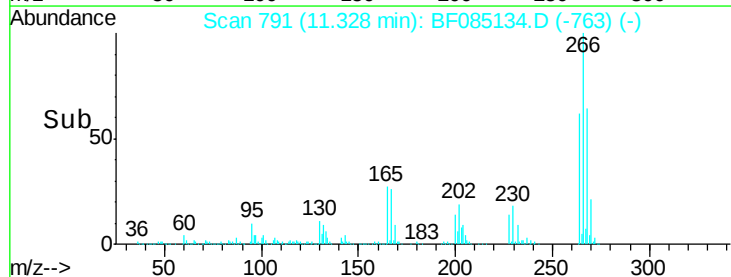
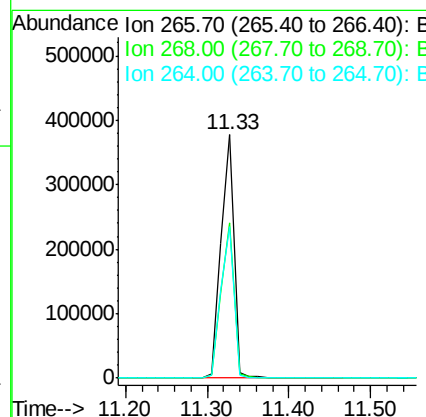
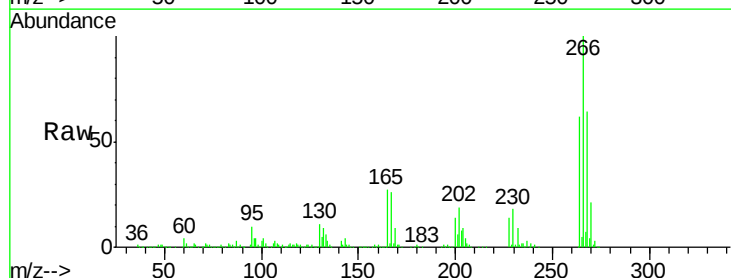
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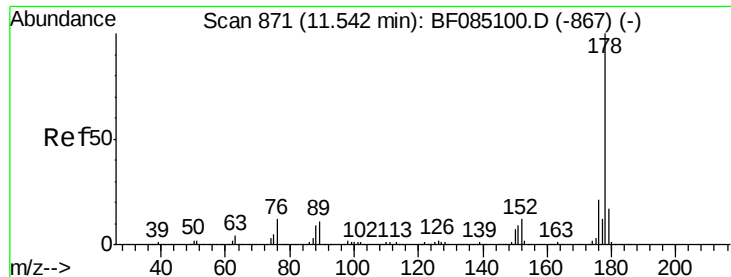
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#69
Pentachlorophenol
Concen: 112.84 ng
RT: 11.33 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	51.0	76.6
264	62.4	52.3	78.5





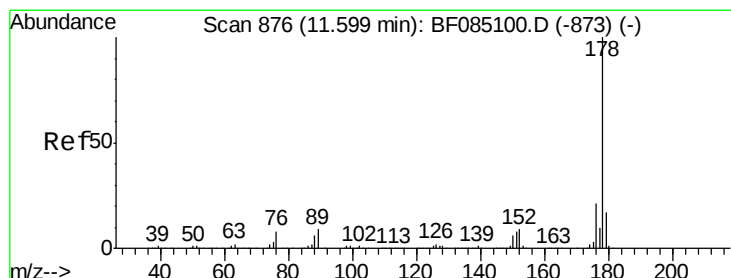
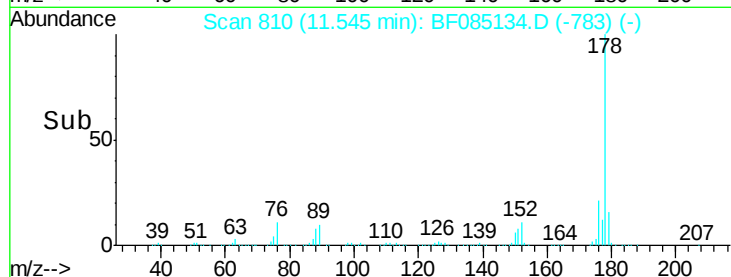
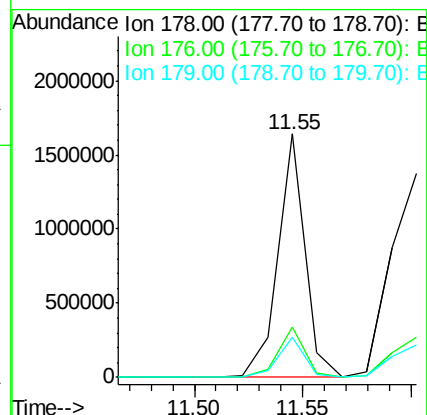
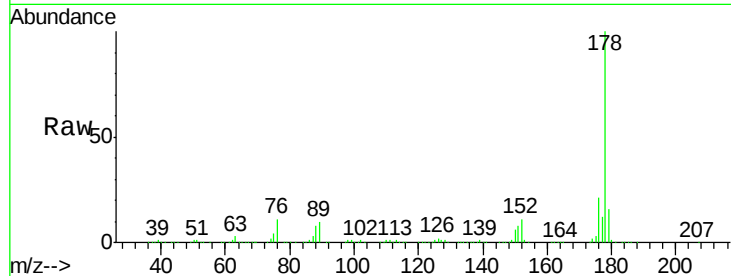
#70
Phenanthrene
Concen: 53.92 ng
RT: 11.55 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion:178 Resp: 1434818
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.6
179 16.3 13.3 19.9

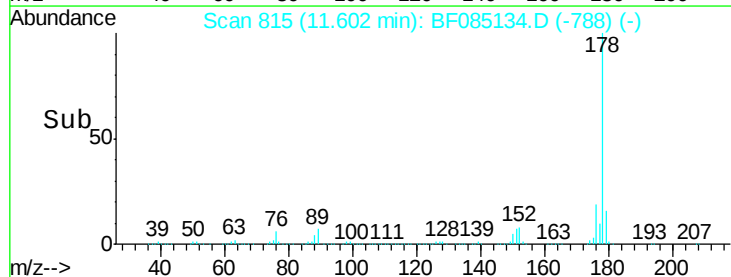
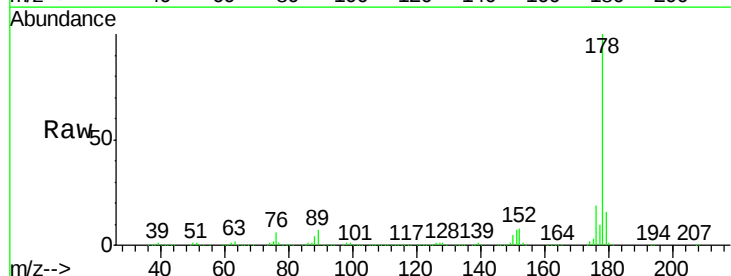
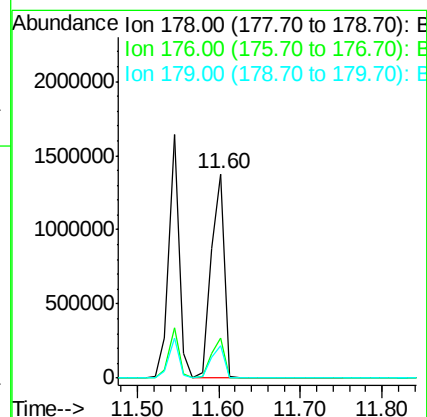
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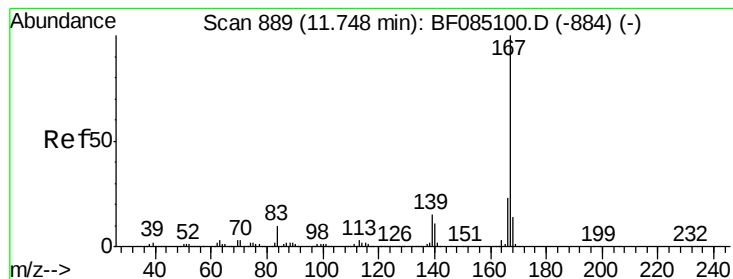
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#71
Anthracene
Concen: 53.01 ng
RT: 11.60 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:178 Resp: 1583966
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.7 13.2 19.8





#72

Carbazole

Concen: 52.70 ng

RT: 11.75 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF085134.D

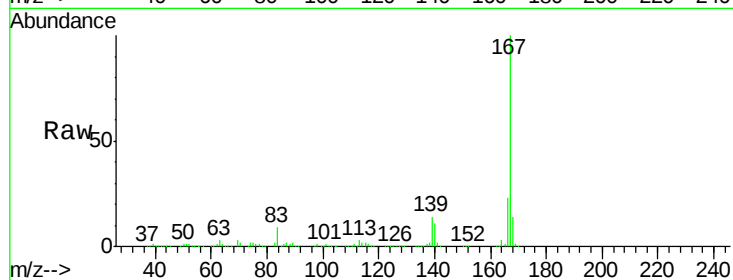
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS



Tgt Ion:167 Resp: 1370544

Ion Ratio Lower Upper

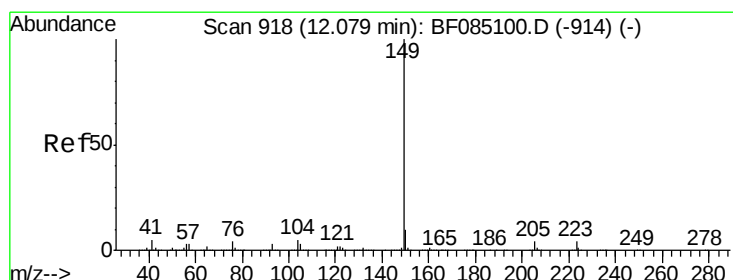
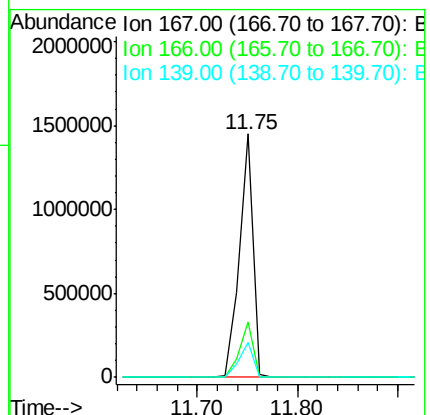
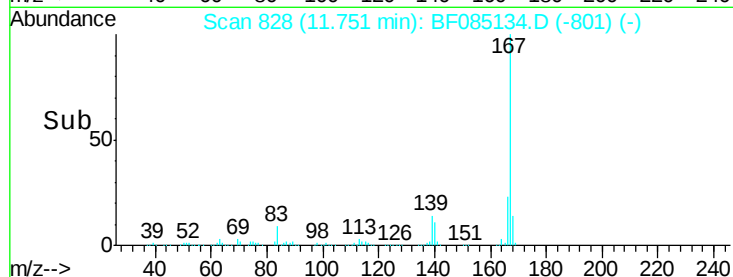
167 100

166 22.5 18.6 28.0

139 14.1 11.8 17.8

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 53.88 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

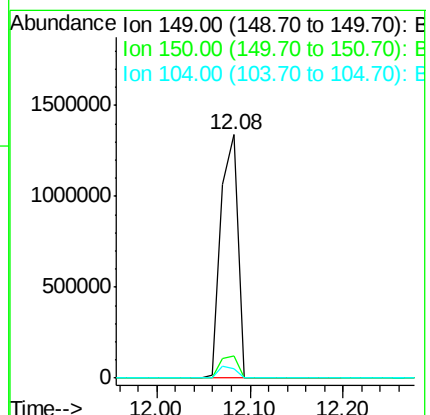
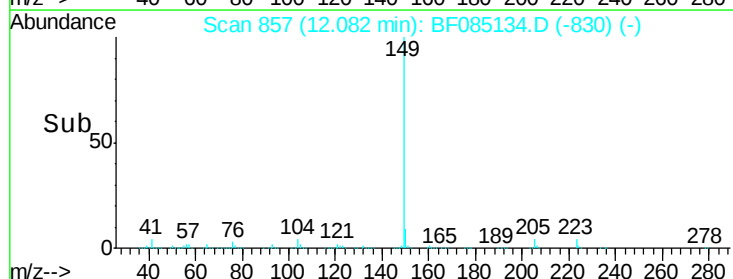
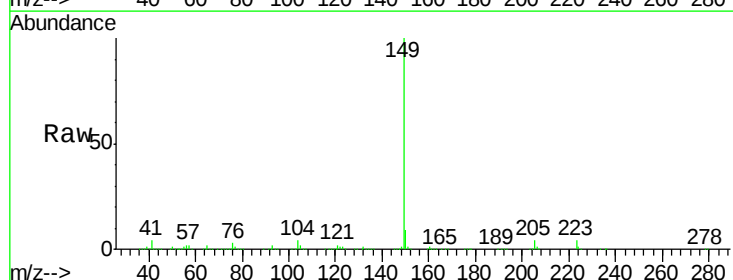
Tgt Ion:149 Resp: 1667674

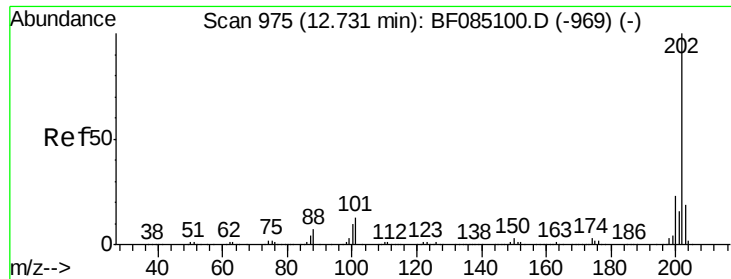
Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

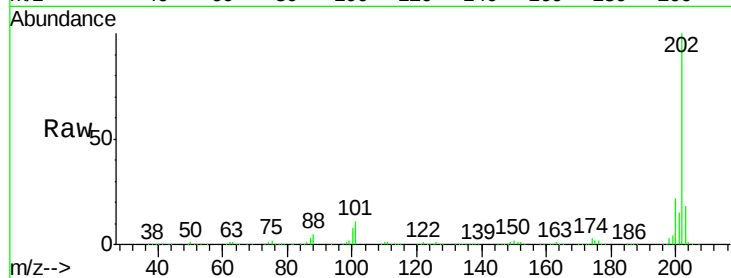
104 4.1 3.7 5.5





#74
 Fluoranthene
 Concen: 48.90 ng
 RT: 12.73 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

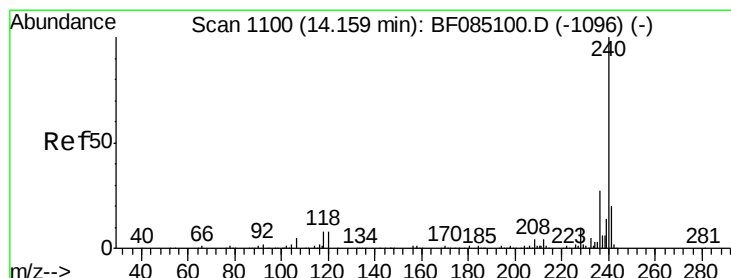
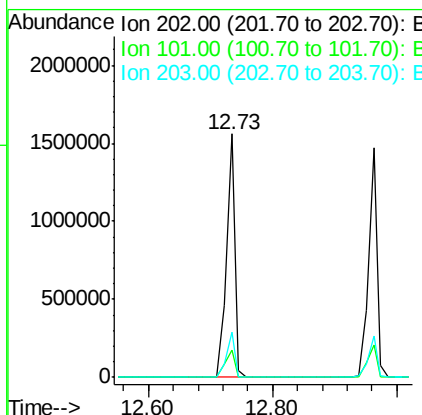
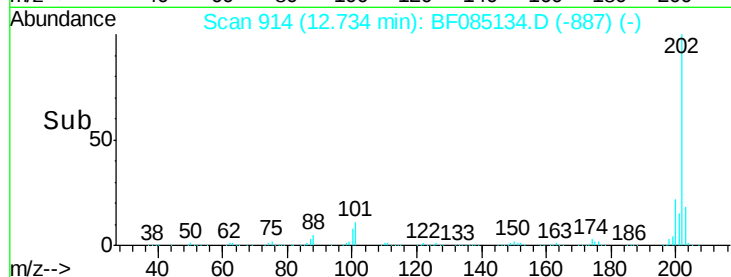
Instrument :
 BNA_F
 ClientSampleId :
 20160225-WC-CMS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1427851		
101	11.1	0.0	33.2	
203	18.3	0.0	38.6	

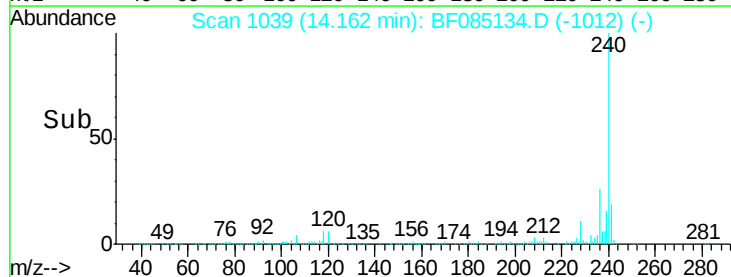
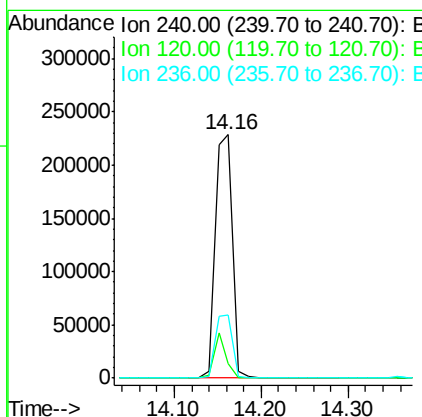
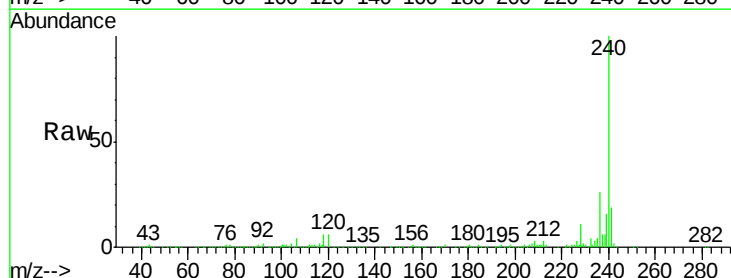
Manual Integrations
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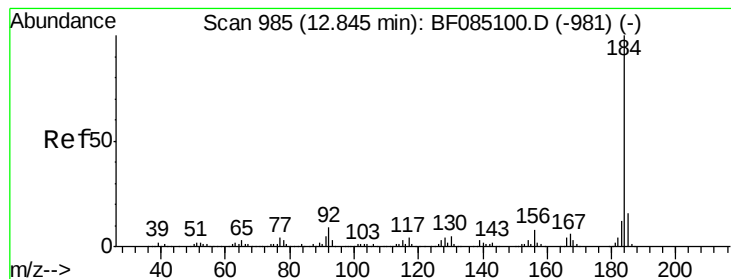
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF085134.D
 Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	319218		
120	6.0	6.7	10.1#	
236	25.7	21.6	32.4	





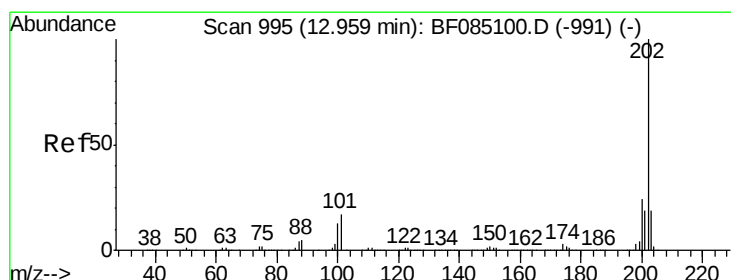
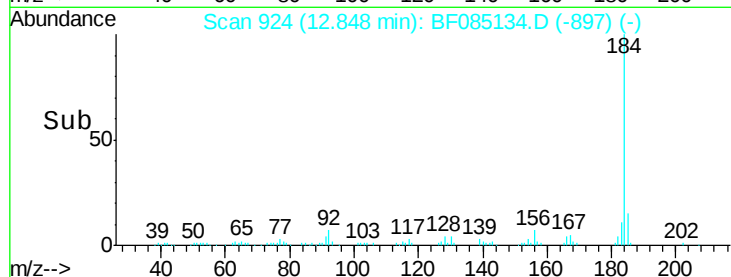
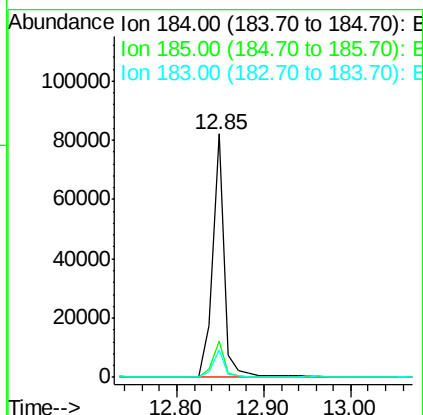
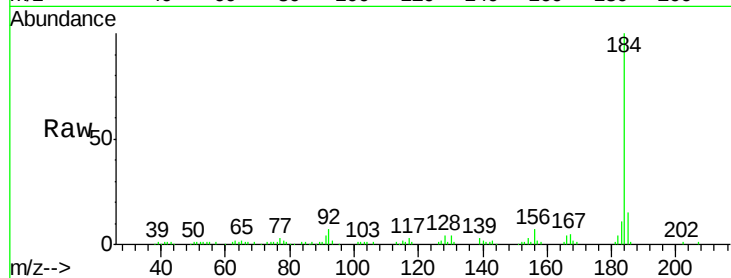
#76
Benzidine
Concen: 8.15 ng
RT: 12.85 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.2	9.5	14.3

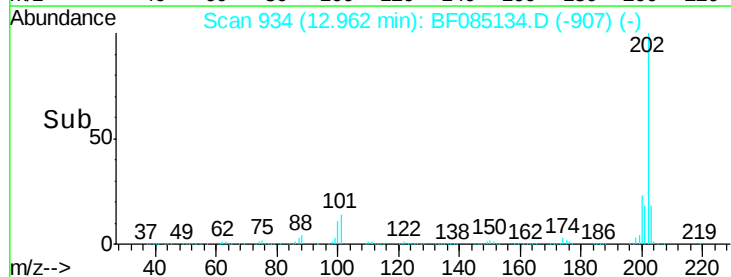
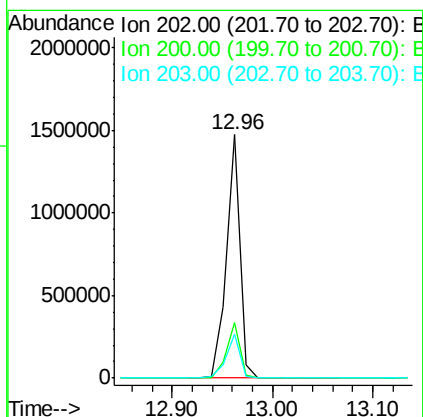
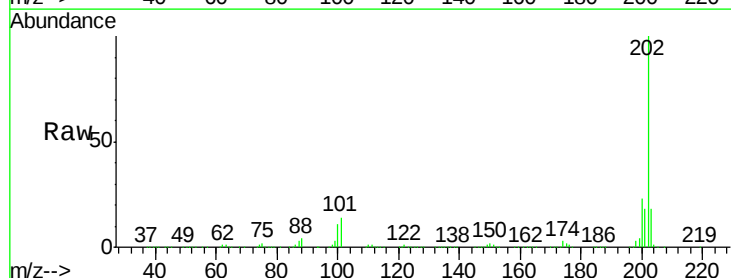
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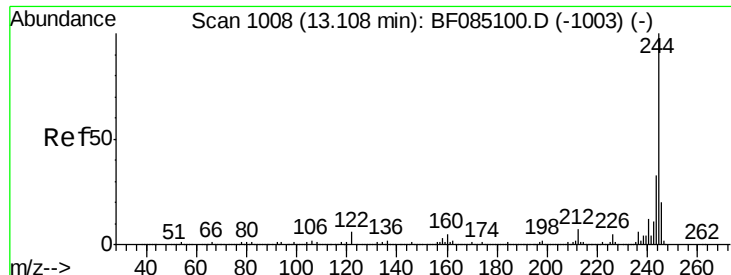
UMANGI
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#77
Pyrene
Concen: 63.09 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	19.0	28.6
203	18.1	15.0	22.6





#78

Terphenyl-d14

Concen: 112.61 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS

Tgt Ion:244 Resp: 1532358

Ion Ratio Lower Upper

244 100

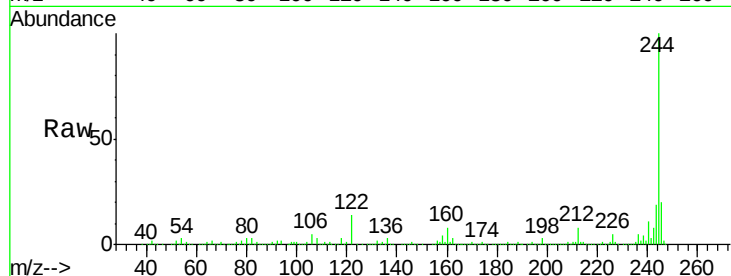
212 7.7 5.4 8.0

122 13.6 5.1 7.7#

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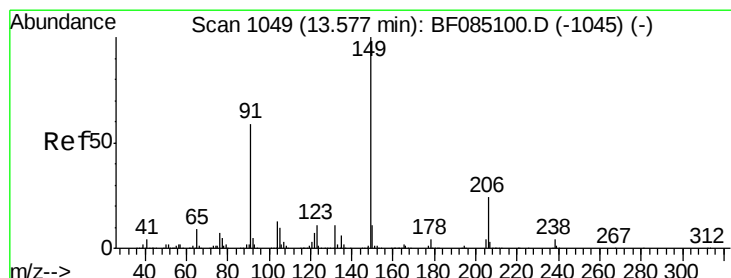
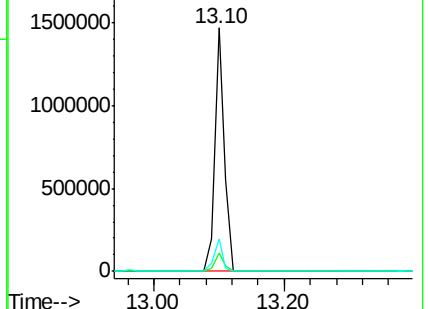
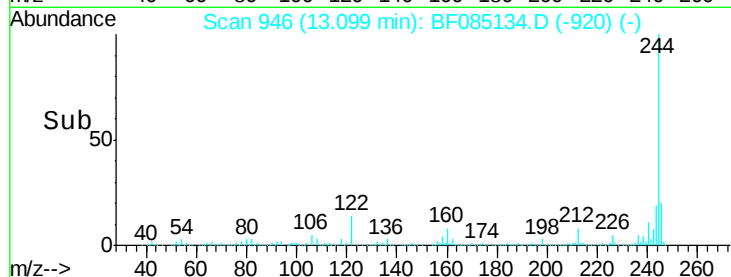
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 60.09 ng

RT: 13.58 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

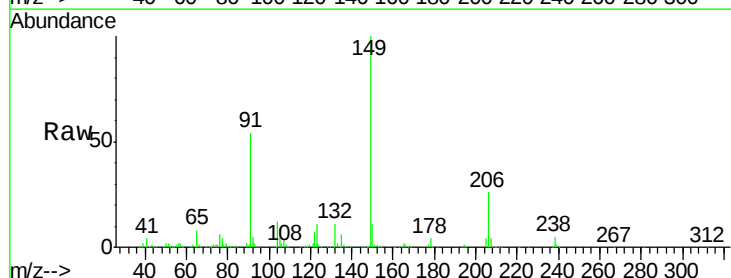
Tgt Ion:149 Resp: 554481

Ion Ratio Lower Upper

149 100

91 53.9 46.9 70.3

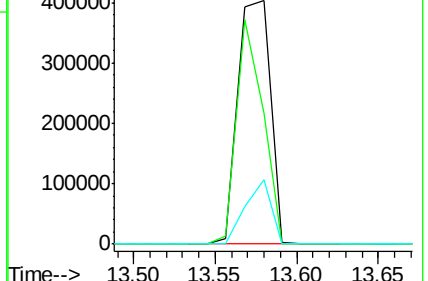
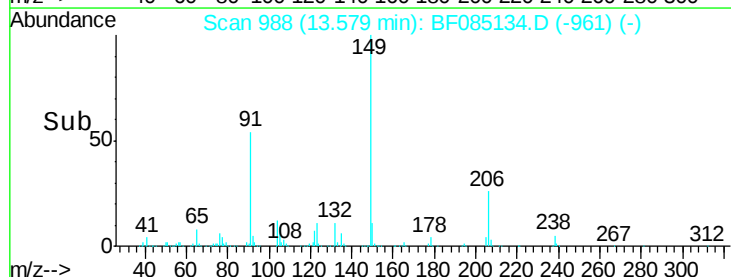
206 26.4 19.0 28.6

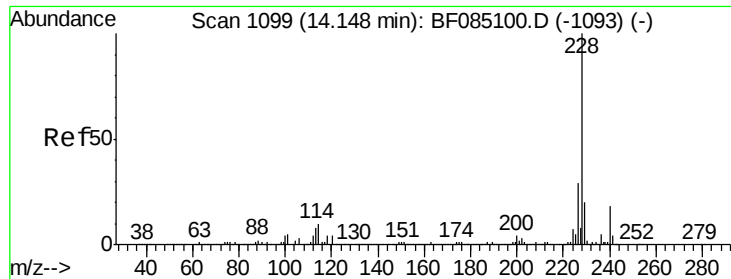


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





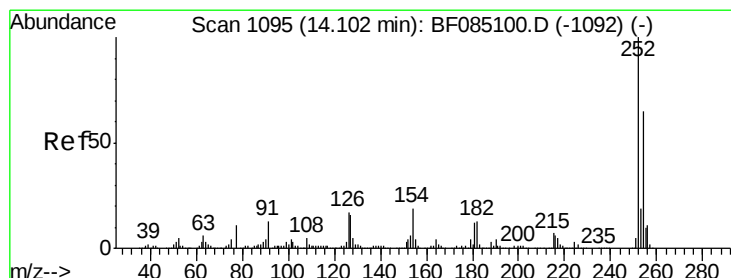
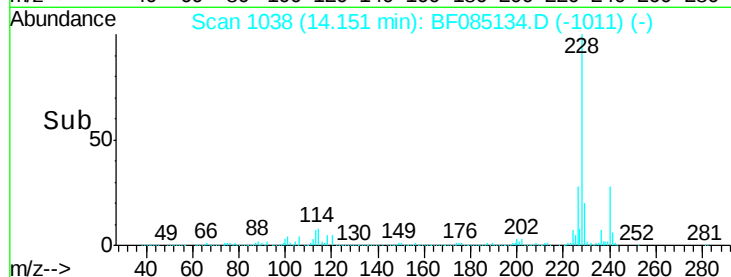
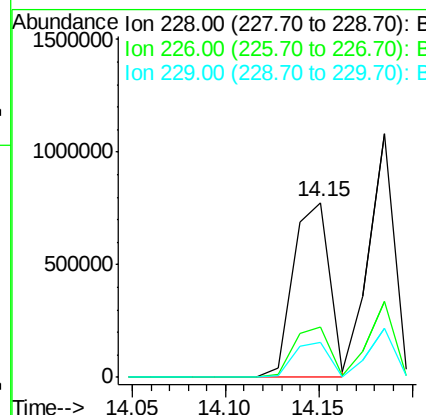
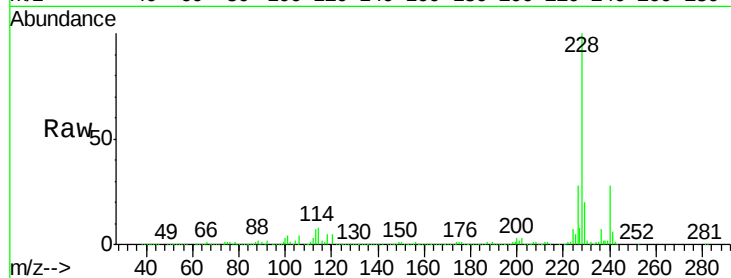
#80
Benzo(a)anthracene
Concen: 56.75 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	19.8	16.1	24.1

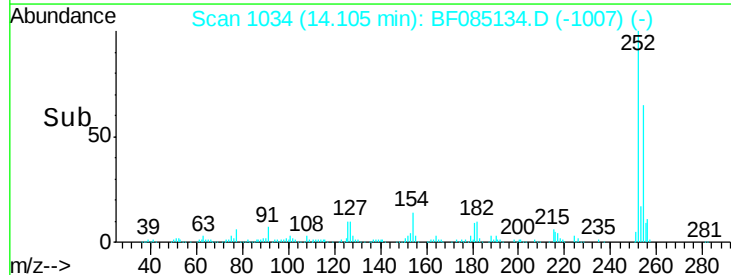
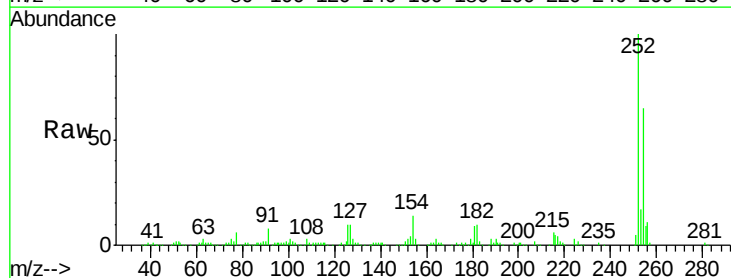
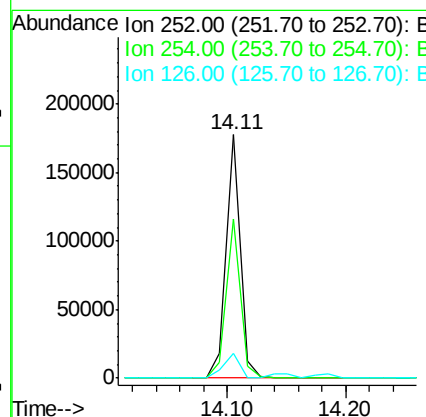
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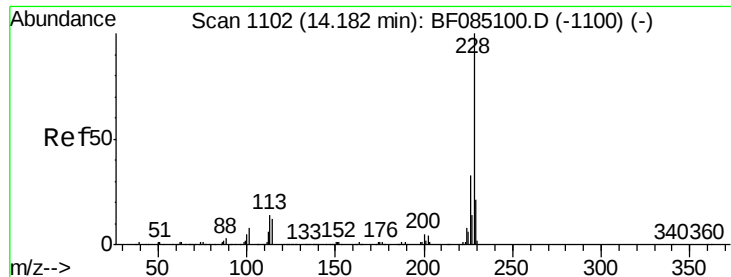
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#81
3,3'-Dichlorobenzidine
Concen: 25.03 ng
RT: 14.11 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	10.3	13.2	19.8#





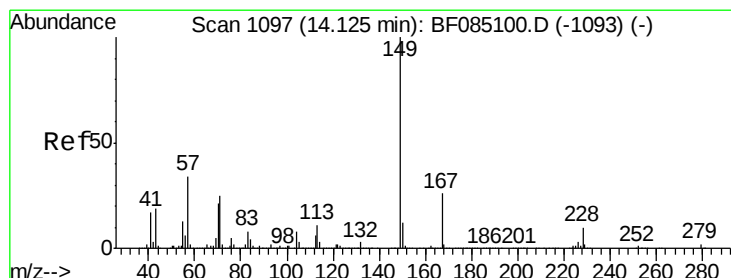
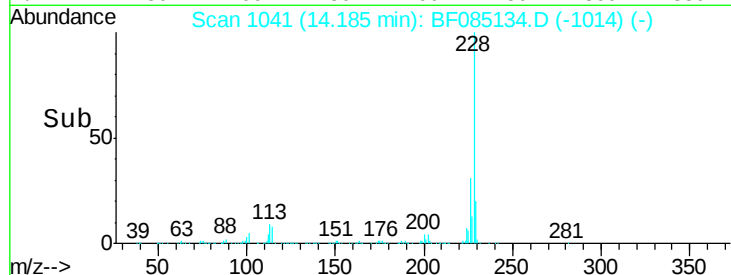
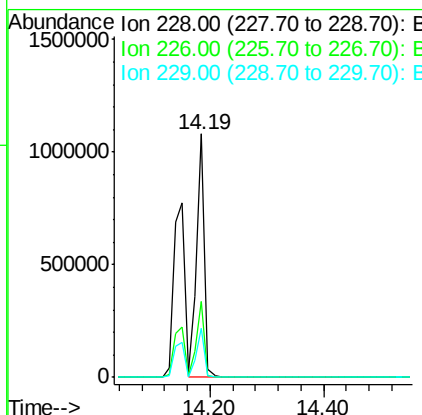
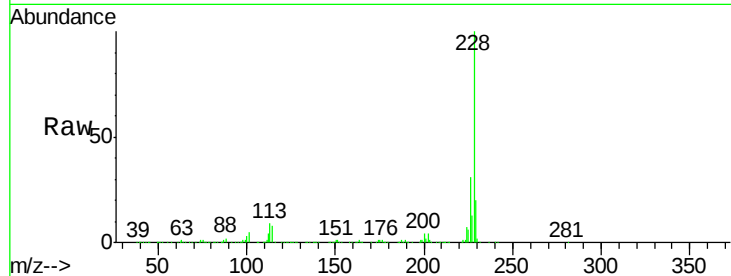
#82
Chrysene
Concen: 60.87 ng
RT: 14.19 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.2	39.4
229	19.9	16.5	24.7

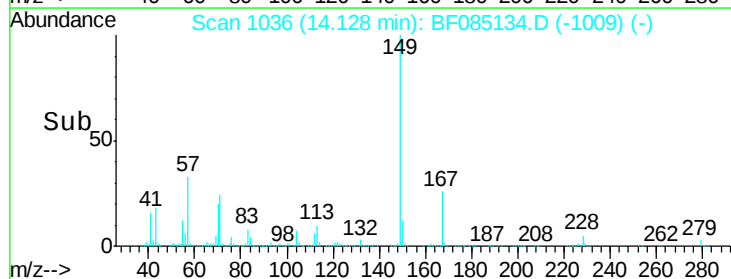
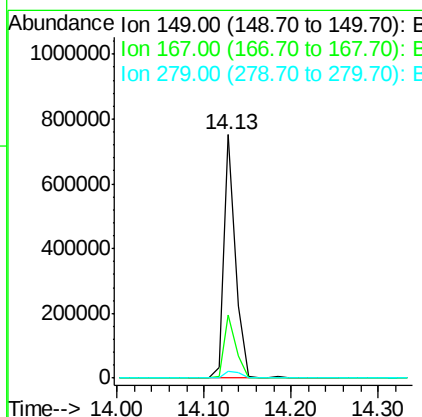
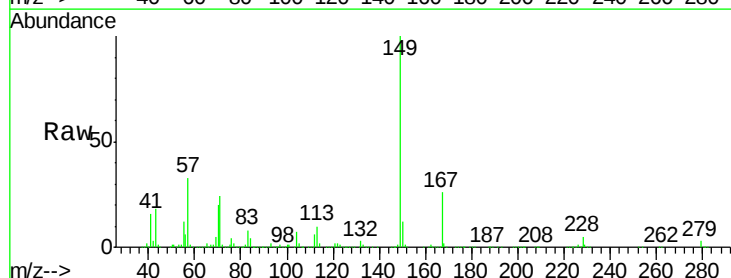
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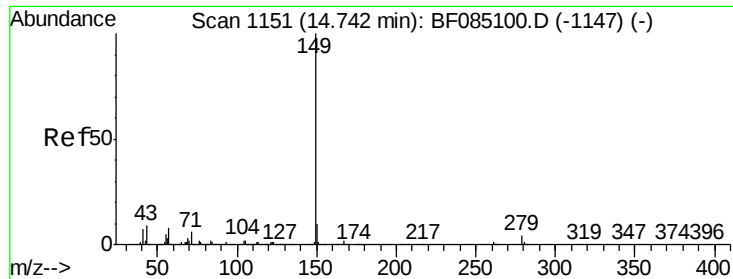
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#83
Bis(2-ethylhexyl)phthalate
Concen: 65.72 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.6	31.0
279	2.6	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 74.32 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085134.D

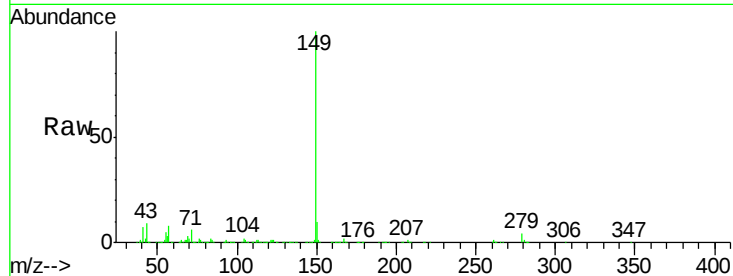
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

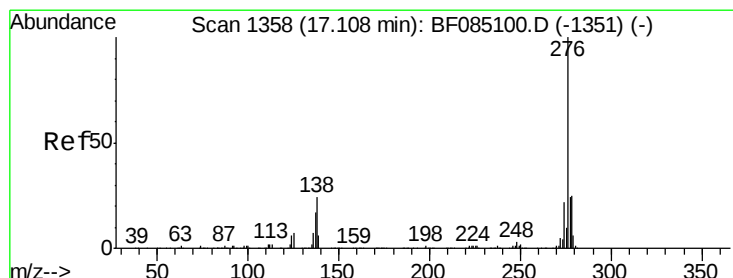
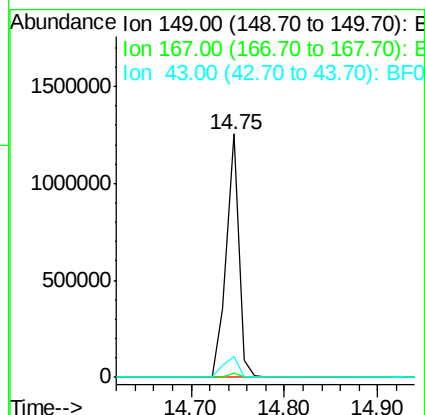
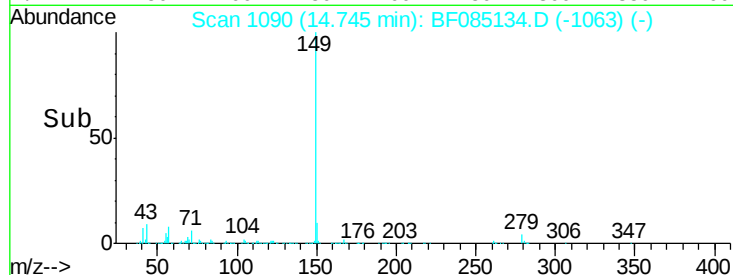
20160225-WC-CMS



Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.8	13.2

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 88.00 ng

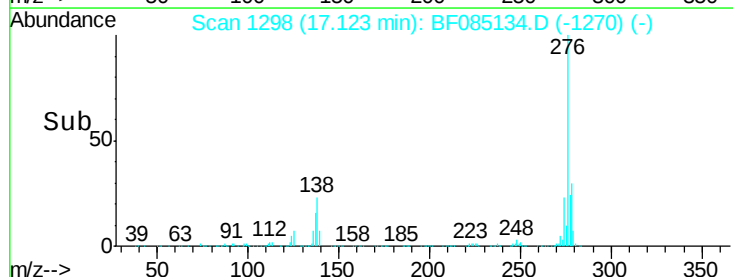
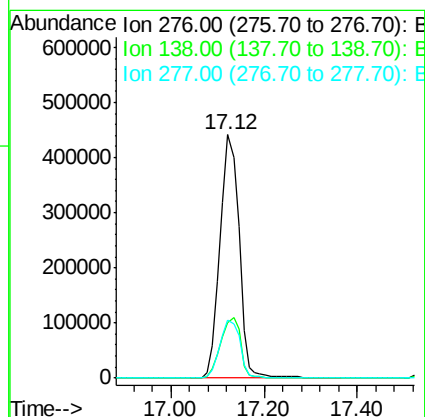
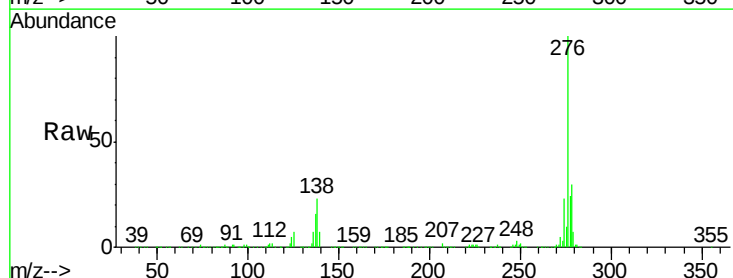
RT: 17.12 min Scan# 1298

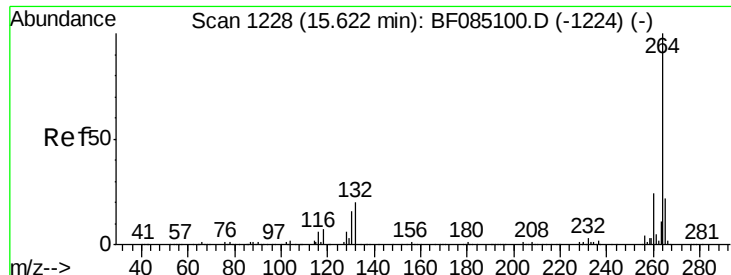
Delta R.T. 0.01 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.4	32.2
277	25.2	20.1	30.1





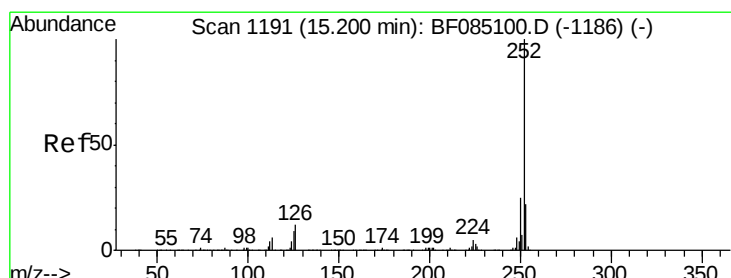
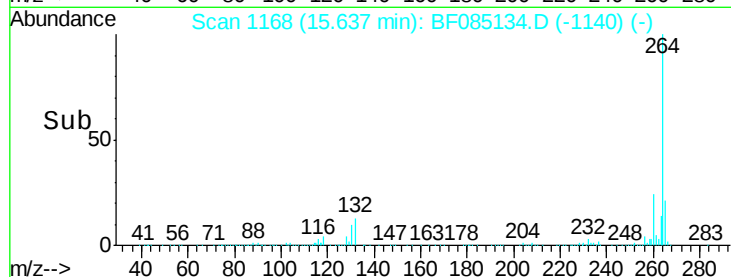
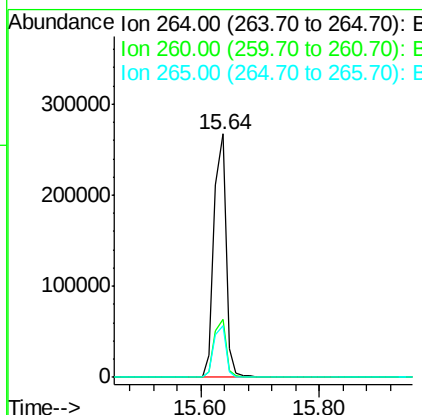
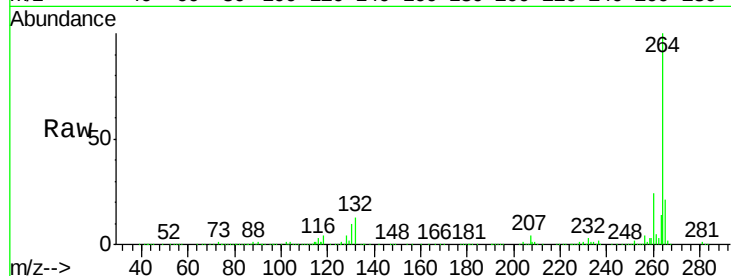
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	376597		
260	23.9	19.6	29.4	
265	21.0	17.4	26.2	

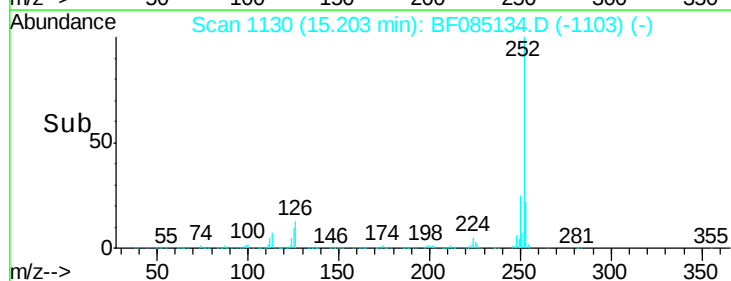
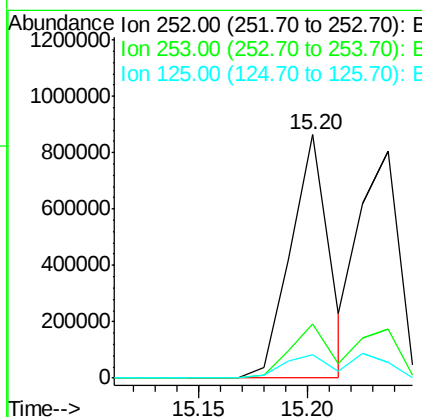
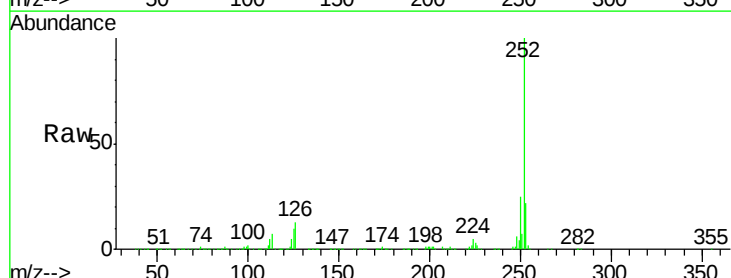
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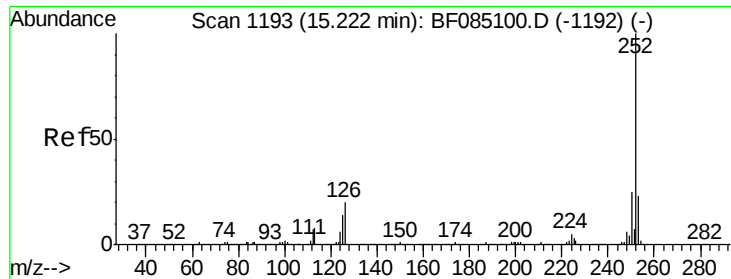
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#87
Benzo(b)fluoranthene
Concen: 46.47 ng
RT: 15.20 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1065548		
253	22.1	17.8	26.8	
125	9.9	7.0	10.4	





#88

Benzo(k)fluoranthene

Concen: 51.77 ng m

RT: 15.24 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF085134.D

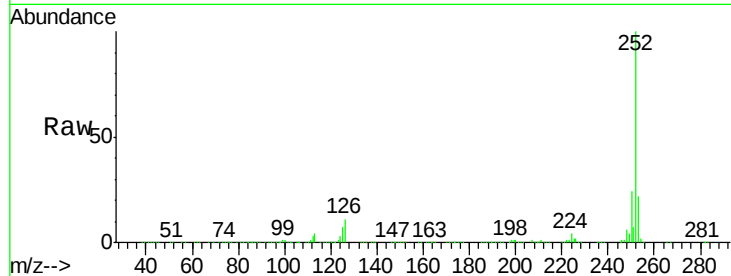
Acq: 2 Mar 2016 22:10

Instrument :

BNA_F

ClientSampleId :

20160225-WC-CMS



Tgt Ion: 252 Resp: 1028171

Ion Ratio Lower Upper

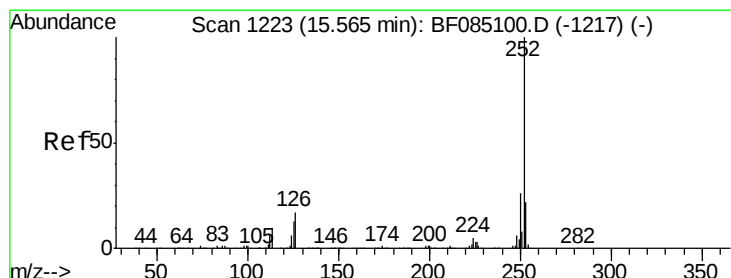
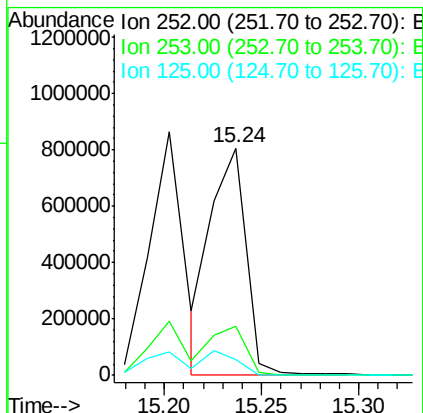
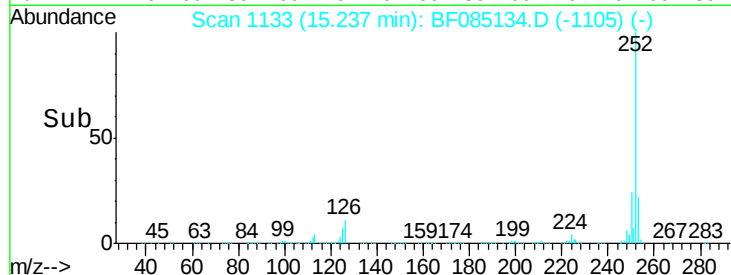
252 100

253 21.7 18.2 27.4

125 6.9 11.1 16.7

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#89

Benzo(a)pyrene

Concen: 55.50 ng

RT: 15.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF085134.D

Acq: 2 Mar 2016 22:10

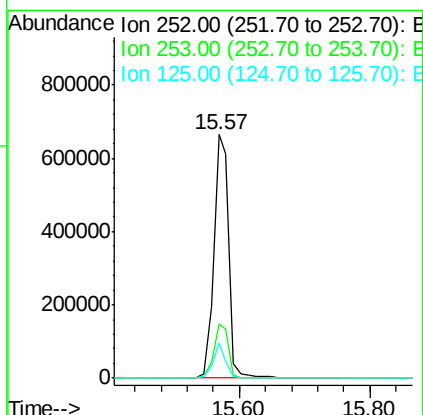
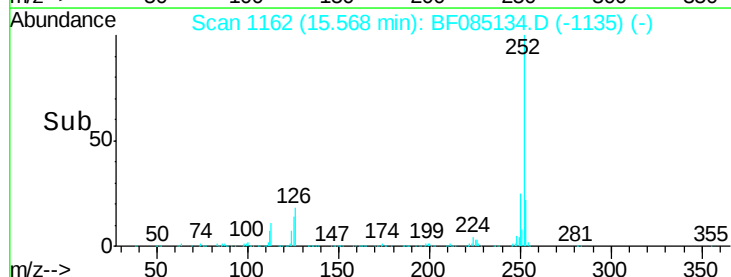
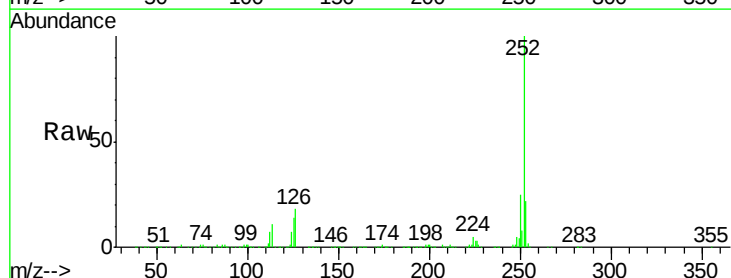
Tgt Ion: 252 Resp: 1070318

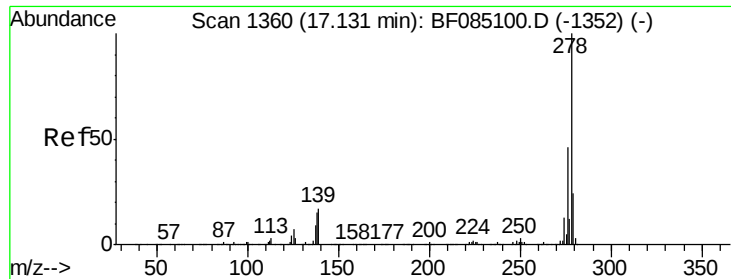
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 14.1 10.2 15.2





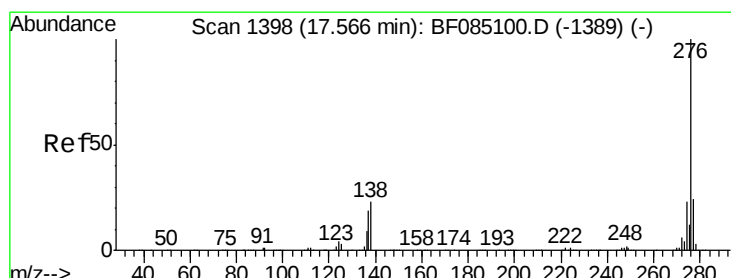
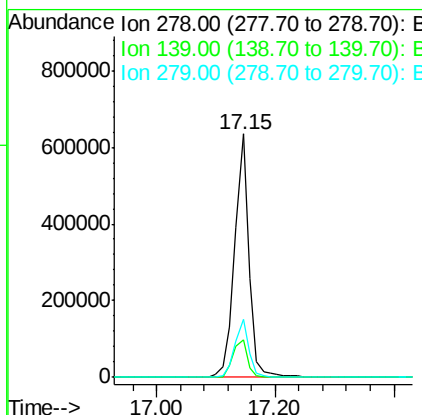
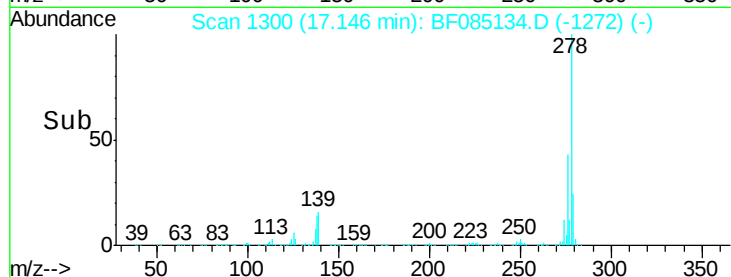
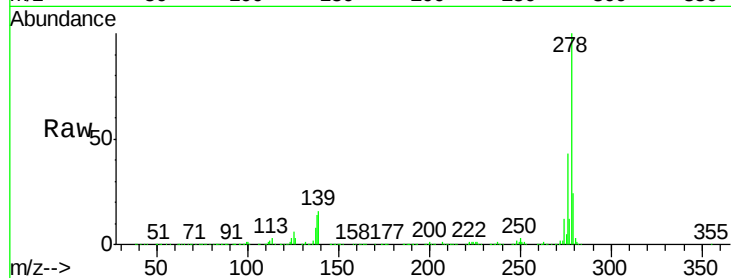
#90
Dibenzo(a,h)anthracene
Concen: 61.23 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Instrument :
BNA_F
ClientSampleId :
20160225-WC-CMS

Tgt Ion:278 Resp: 1063721
Ion Ratio Lower Upper
278 100
139 15.6 13.6 20.4
279 23.9 19.3 28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 57.38 ng
RT: 17.58 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF085134.D
Acq: 2 Mar 2016 22:10

Tgt Ion:276 Resp: 1013444
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 21.4 18.1 27.1

