

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085243.D
 Acq On : 5 Mar 2016 10:02
 Operator : SJ/IZ
 Sample : H1686-02MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Manual Integrations
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 3/7/2016 3:31:04 PM

Quant Time: Mar 07 13:34:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140108	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	507122	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	194551	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	331185	20.00	ng	0.00
75) Chrysene-d12	14.15	240	208139	20.00	ng	0.00
86) Perylene-d12	15.61	264	196123	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1192245	142.74	ng	0.01
7) Phenol-d6	6.61	99	1476608	134.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	989136	104.37	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	266450	160.06	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1416716	110.75	ng	-0.01
78) Terphenyl-d14	13.09	244	845676	94.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	186193	43.59	ng	98
3) Pyridine	3.50	79	497727	46.56	ng	99
4) n-Nitrosodimethylamine	3.45	42	236672	51.73	ng	93
6) Aniline	6.64	93	273457	17.83	ng	96
8) 2-Chlorophenol	6.76	128	416379	41.41	ng	94
9) Benzaldehyde	6.52	77	154250	27.51	ng	100
10) Phenol	6.62	94	600675m	51.25	ng	
11) bis(2-Chloroethyl)ether	6.71	93	456645	46.91	ng	99
12) 1,3-Dichlorobenzene	6.92	146	487889	45.19	ng	98
13) 1,4-Dichlorobenzene	7.00	146	478493m	44.22	ng	
14) 1,2-Dichlorobenzene	7.14	146	453760	46.22	ng	98
15) Benzyl Alcohol	7.11	79	364982	45.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	545079	38.85	ng	97
17) 2-Methylphenol	7.22	107	374433	45.63	ng	97
18) Hexachloroethane	7.49	117	174007	43.59	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	321074	45.02	ng	# 89
20) 3+4-Methylphenols	7.37	107	429464	44.19	ng	97
22) Acetophenone	7.38	105	580380	46.89	ng	# 99
24) Nitrobenzene	7.56	77	453864	47.14	ng	99
25) Isophorone	7.80	82	862376	49.10	ng	# 97
26) 2-Nitrophenol	7.88	139	215306	45.96	ng	# 87
27) 2,4-Dimethylphenol	7.91	122	431264	50.37	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	481420	49.22	ng	98
29) 2,4-Dichlorophenol	8.12	162	358432	51.91	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	362626	48.57	ng	99
31) Naphthalene	8.29	128	1222915	49.04	ng	98
32) Benzoic acid	7.99	122	91396	16.07	ng	90
33) 4-Chloroaniline	8.32	127	152226	15.09	ng	100
34) Hexachlorobutadiene	8.40	225	213269	54.90	ng	99
35) Caprolactam	8.69	113	132739	58.86	ng	# 89
36) 4-Chloro-3-methylphenol	8.81	107	384468	49.08	ng	94
37) 2-Methylnaphthalene	8.97	142	798852	49.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	325948	58.58	ng	96
40) Hexachlorocyclopentadiene	9.13	237	112103	37.36	ng	97

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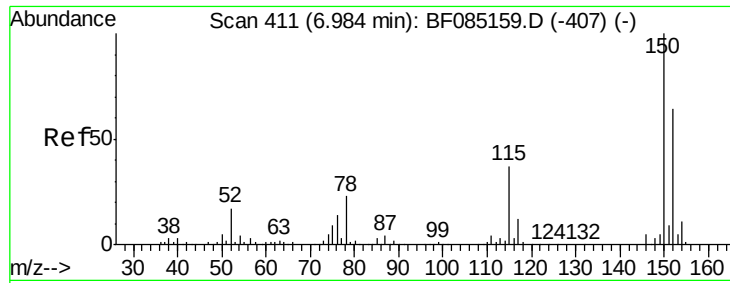
Manual Integrations
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Quant Time: Mar 07 13:34:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	212261	51.25	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	218695	55.69	nq	98
45) 1,1'-Biphenyl	9.44	154	902042	54.27	nq	95
46) 2-Chloronaphthalene	9.46	162	647616	51.11	nq	95
47) 2-Nitroaniline	9.56	65	221359	56.38	nq	85
48) Acenaphthylene	9.88	152	970210	49.20	nq	99
49) Dimethylphthalate	9.74	163	906741	60.72	nq	100
50) 2,6-Dinitrotoluene	9.80	165	151179	47.32	nq	92
51) Acenaphthene	10.05	154	562604	46.99	nq	98
52) 3-Nitroaniline	9.97	138	157273	41.15	nq	# 92
53) 2,4-Dinitrophenol	10.07	184	10605	13.91	nq	# 50
54) Dibenzofuran	10.22	168	805472	51.35	nq	96
55) 4-Nitrophenol	10.12	139	227407	75.71	nq	# 68
56) 2,4-Dinitrotoluene	10.20	165	180228	44.08	nq	# 91
57) Fluorene	10.57	166	588605	47.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141149	51.16	nq	# 94
59) Diethylphthalate	10.44	149	722400	49.85	nq	97
60) 4-Chlorophenyl-phenylether	10.56	204	311674	51.99	nq	# 88
61) 4-Nitroaniline	10.57	138	131281	36.72	nq	98
62) Azobenzene	10.72	77	718874	50.35	nq	85
64) 4,6-Dinitro-2-methylphenol	10.61	198	19729	9.95	nq	# 1
65) n-Nitrosodiphenylamine	10.68	169	590757	57.35	nq	98
66) 4-Bromophenyl-phenylether	11.05	248	192322	59.81	nq	# 87
67) Hexachlorobenzene	11.12	284	192462	56.10	nq	99
68) Atrazine	11.20	200	184495	64.40	nq	98
69) Pentachlorophenol	11.30	266	182849	96.02	nq	99
70) Phenanthrene	11.53	178	954398	54.99	nq	99
71) Anthracene	11.58	178	851913	46.24	nq	98
72) Carbazole	11.74	167	774838	47.96	nq	99
73) Di-n-butylphthalate	12.06	149	944177	46.23	nq	98
74) Fluoranthene	12.72	202	745292	42.79	nq	99
76) Benzidine	12.84	184	258985	41.81	nq	# 93
77) Pyrene	12.95	202	738931	47.17	nq	99
79) Butylbenzylphthalate	13.56	149	323335	45.49	nq	99
80) Benzo(a)anthracene	14.14	228	634975	50.96	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	74037	18.84	nq	99
82) Chrysene	14.17	228	582509	50.61	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459481	49.12	nq	# 99
84) Di-n-octyl phthalate	14.72	149	809577	56.83	nq	# 88
85) Indeno(1,2,3-cd)pyrene	17.09	276	578218	64.37	nq	97
87) Benzo(b)fluoranthene	15.18	252	689009m	52.71	nq	
88) Benzo(k)fluoranthene	15.21	252	482138m	45.73	nq	
89) Benzo(a)pyrene	15.56	252	567833	52.42	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	494812	53.51	nq	97
91) Benzo(g,h,i)perylene	17.55	276	462857	49.78	nq	95

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



#1

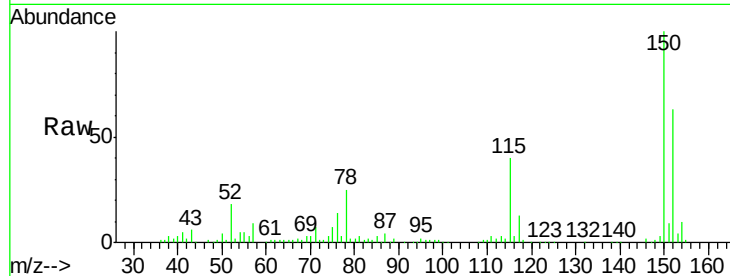
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

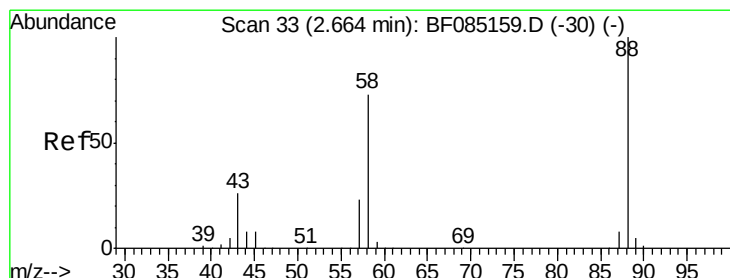
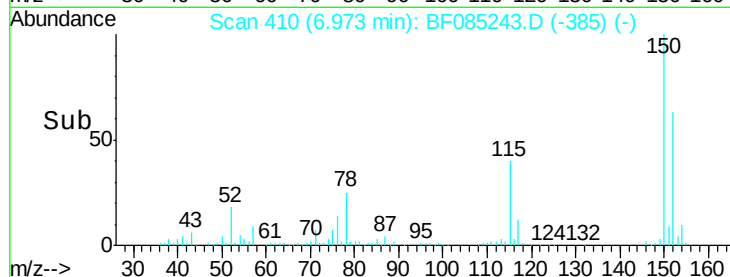
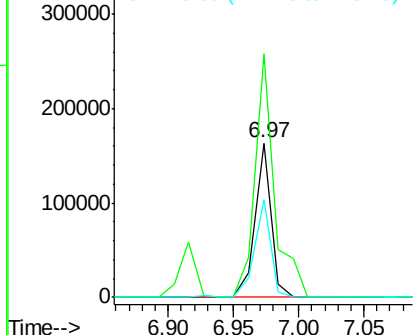
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	63.3	46.6	70.0

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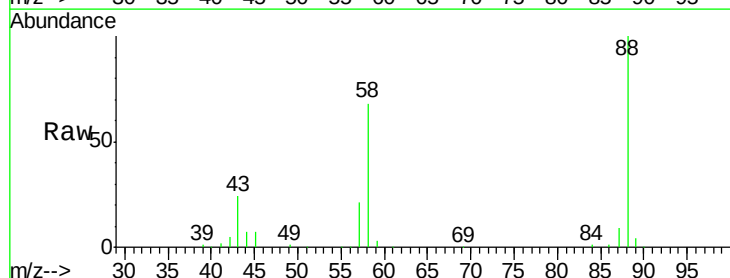
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



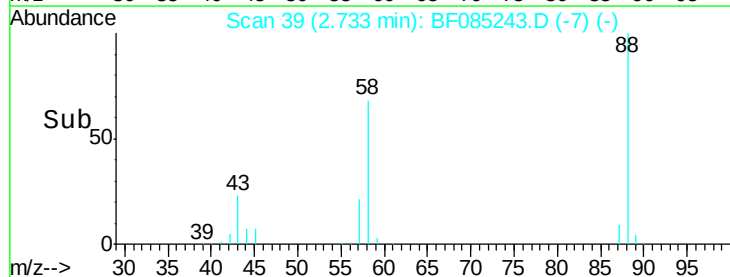
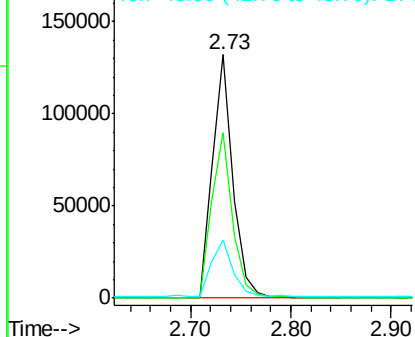
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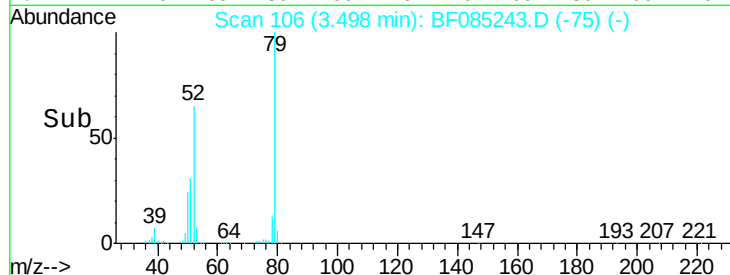
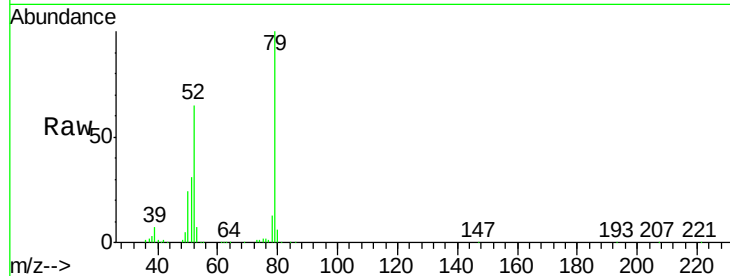
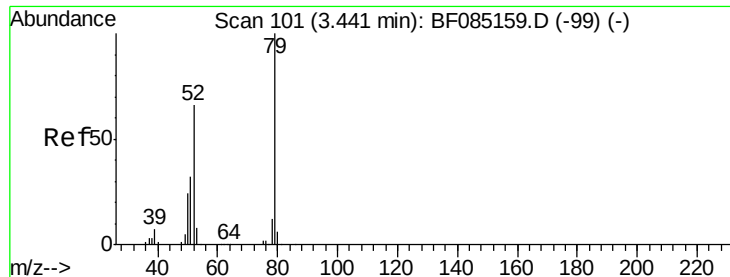
1,4-Dioxane
Concen: 43.59 ng
RT: 2.73 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	57.0	85.6
43	24.8	20.5	30.7



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





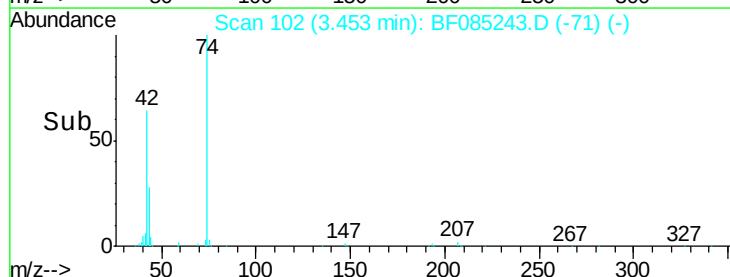
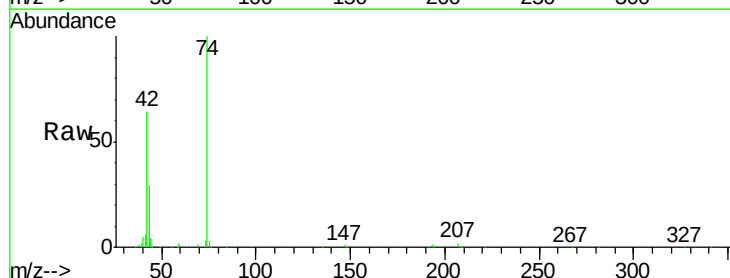
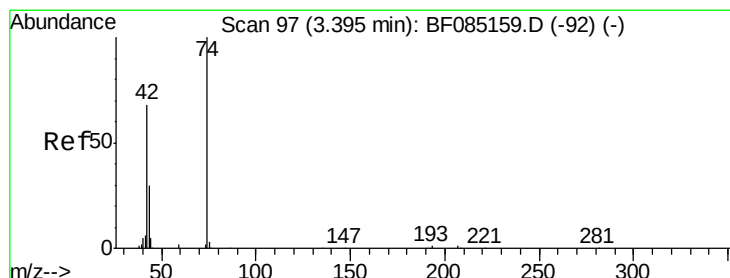
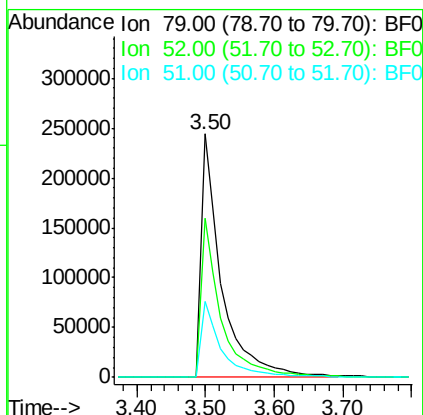
#3
 Pvridine
 Concen: 46.56 ng
 RT: 3.50 min Scan# 106
 Delta R.T. 0.06 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	497727		
52	52	65.2		52.6	79.0
51	51	31.4		25.8	38.8

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

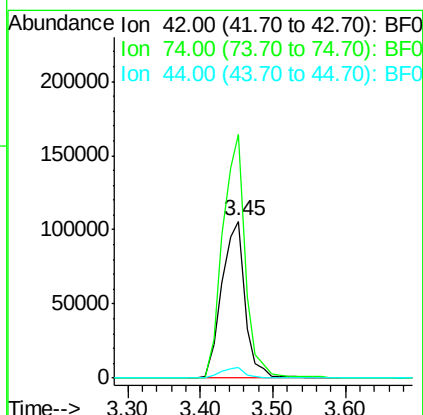
Manual Integrations
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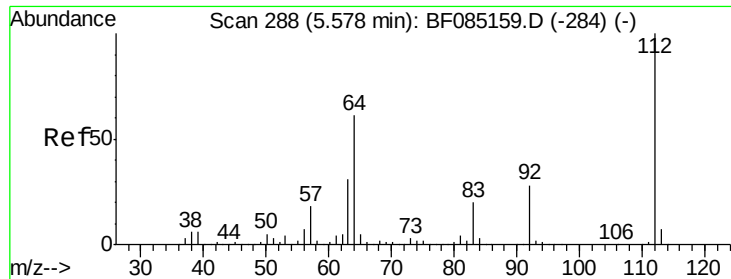
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#4
 n-Nitrosodimethylamine
 Concen: 51.73 ng
 RT: 3.45 min Scan# 102
 Delta R.T. 0.06 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	236672		
74	74	155.1		116.8	175.2
44	44	6.7		5.5	8.3





#5

2-Fluorophenol

Concen: 142.74 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

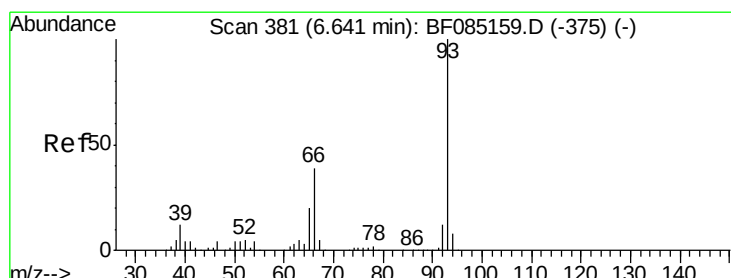
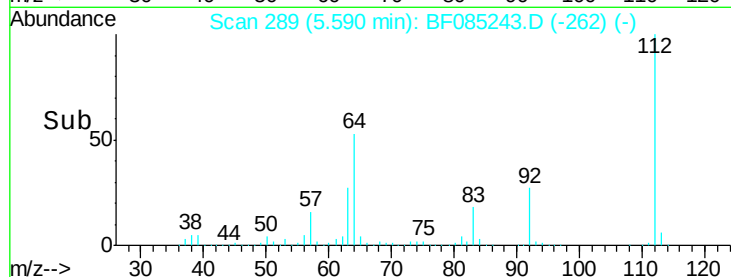
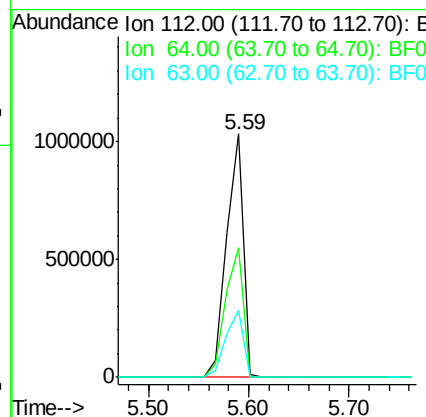
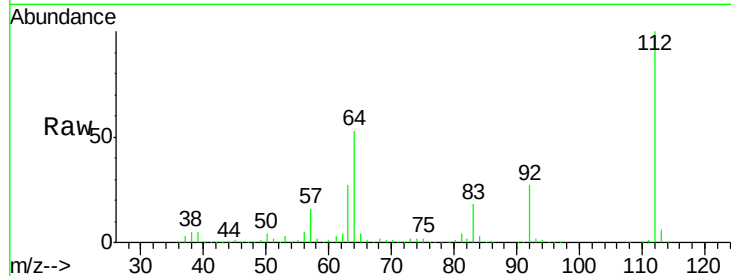
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	112	Resp:	1192245
Ion	Ratio	Lower	Upper
112	100		
64	53.3	49.0	73.4
63	27.3	24.8	37.2

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#6

Aniline

Concen: 17.83 ng

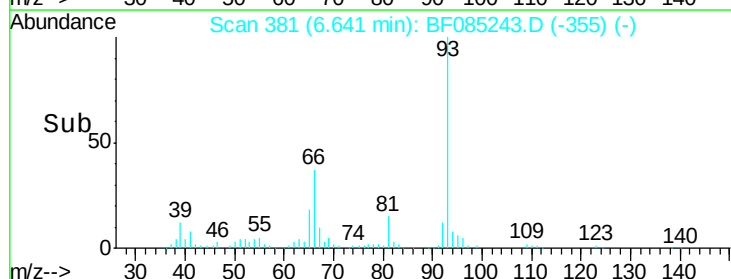
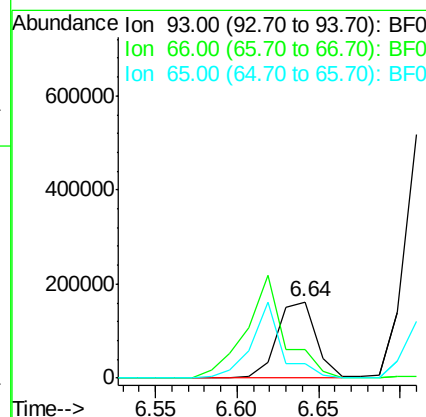
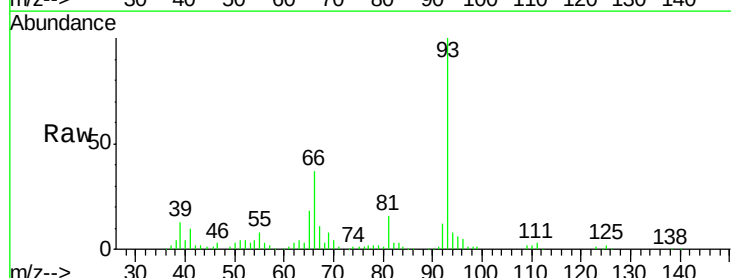
RT: 6.64 min Scan# 381

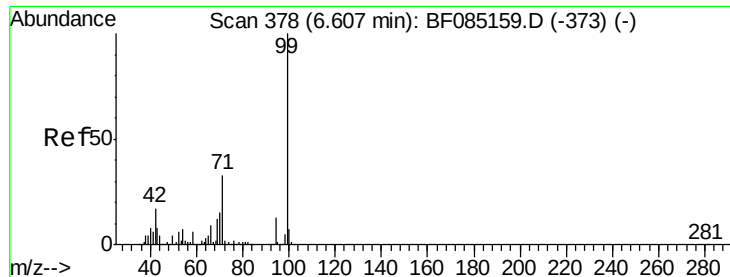
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	93	Resp:	273457
Ion	Ratio	Lower	Upper
93	100		
66	36.9	31.6	47.4
65	18.4	15.8	23.8





#7

Phenol-d6

Concen: 134.93 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SB-43(10-12)MS

Tot Ion: 99 Resp: 1476608

Ion Ratio Lower Upper

99 100

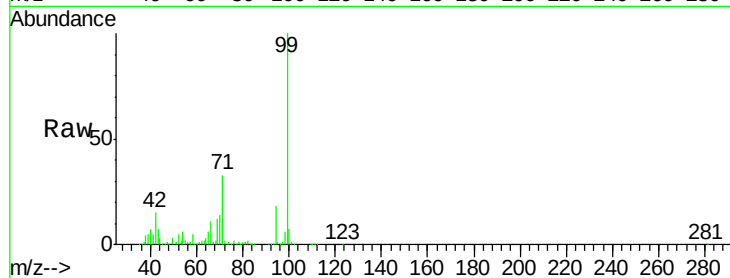
42 14.6 13.6 20.4

71 32.5 26.7 40.1

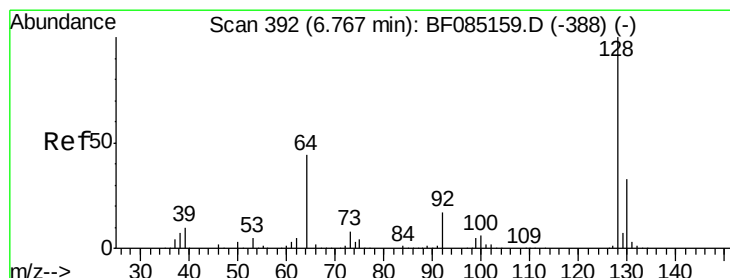
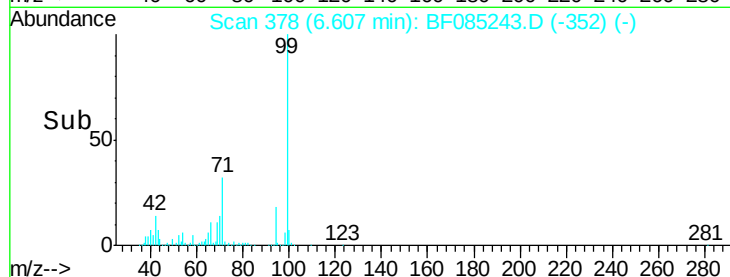
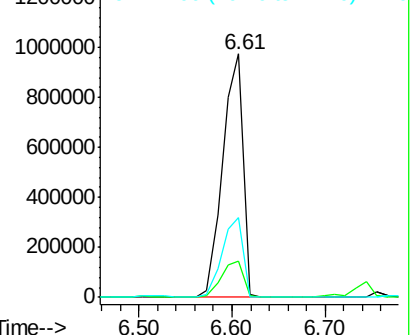
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.41 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

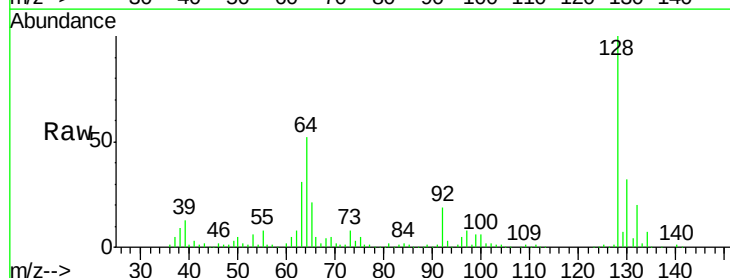
Tgt Ion:128 Resp: 416379

Ion Ratio Lower Upper

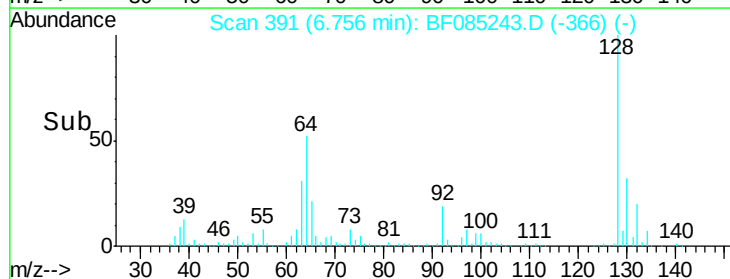
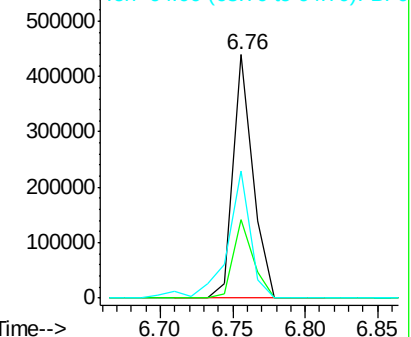
128 100

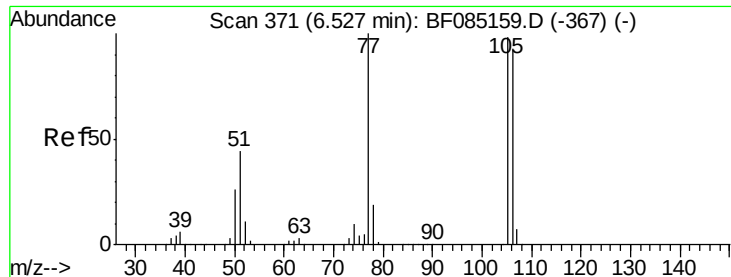
130 32.1 13.3 53.3

64 52.1 25.7 65.7



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





#9

Benzaldehyde

Concen: 27.51 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

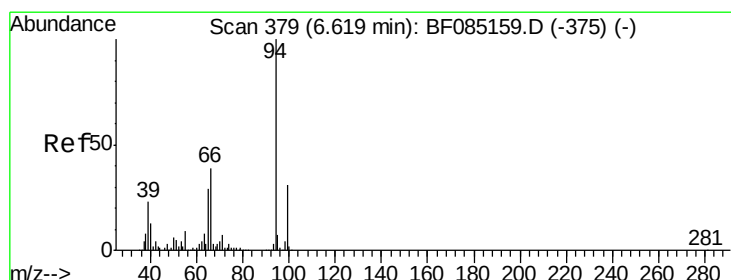
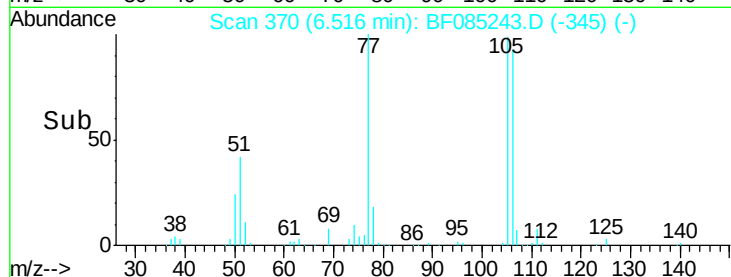
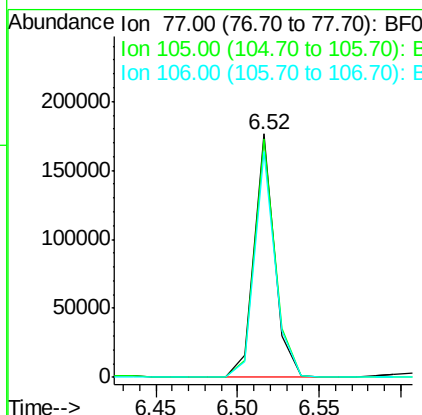
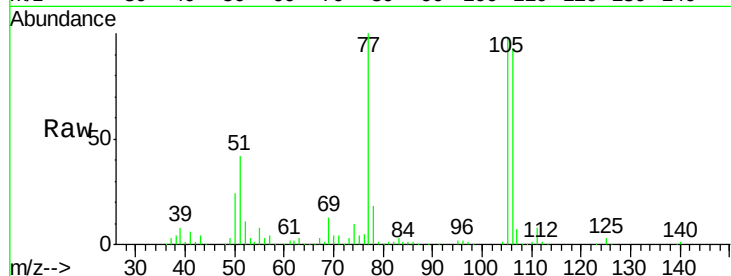
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	77	Resp:	154250
Ion Ratio	Lower	Upper	
77	100		
105	98.2	78.2	118.2
106	92.7	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 51.25 ng m

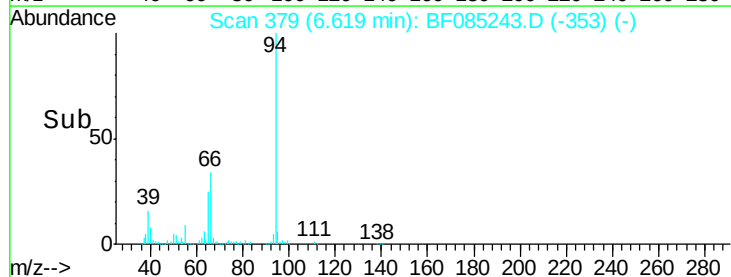
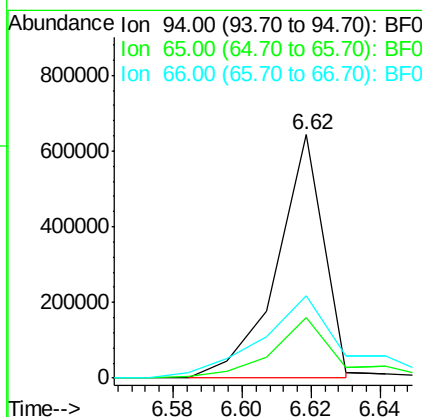
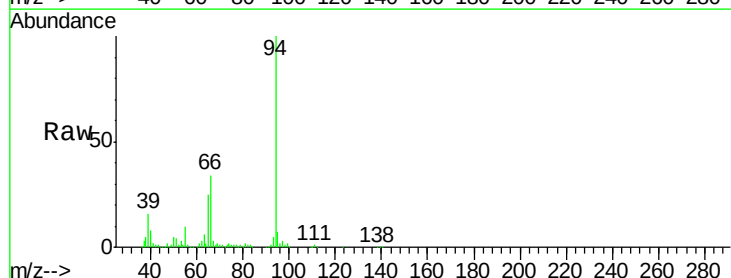
RT: 6.62 min Scan# 379

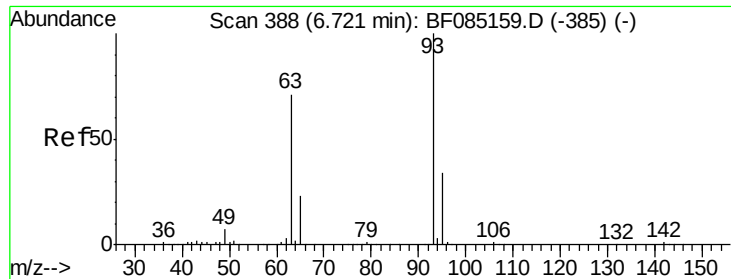
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	94	Resp:	600675
Ion Ratio	Lower	Upper	
94	100		
65	25.0	9.1	49.1
66	33.8	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 46.91 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

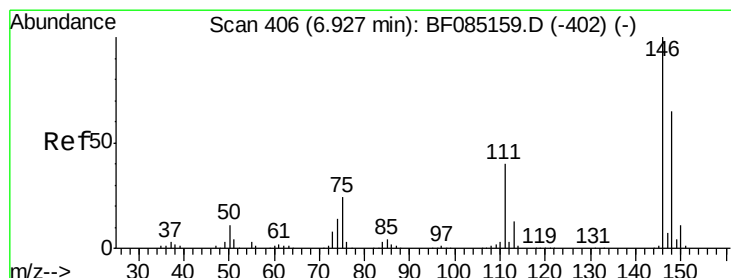
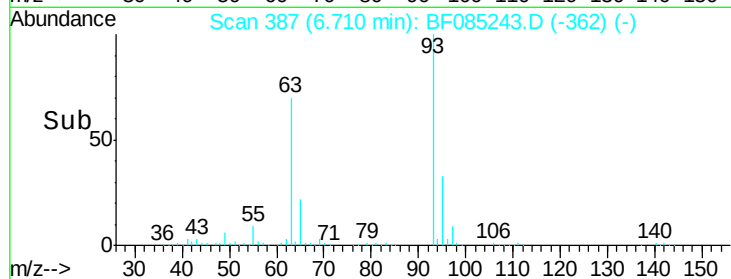
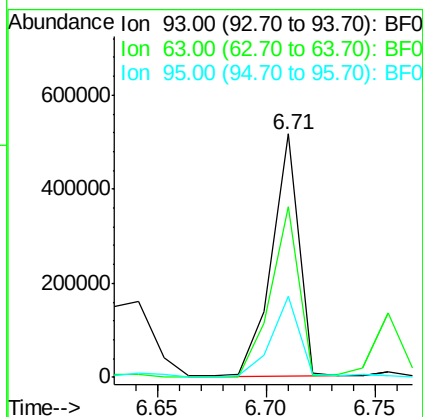
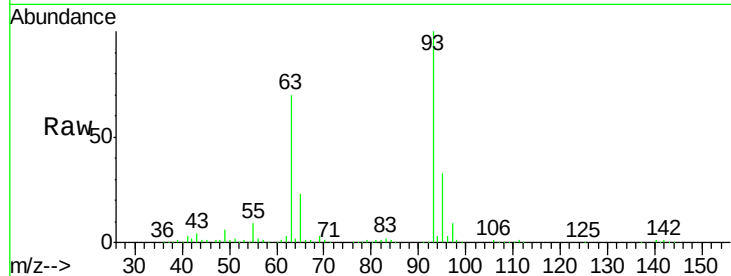
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	93	Resp:	456645
Ion Ratio	Lower	Upper	
93	100		
63	70.0	50.9	90.9
95	33.3	13.7	53.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 45.19 ng

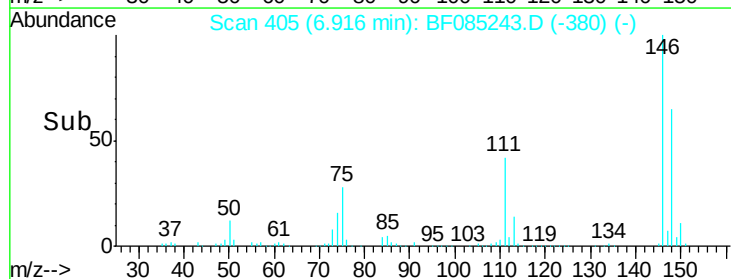
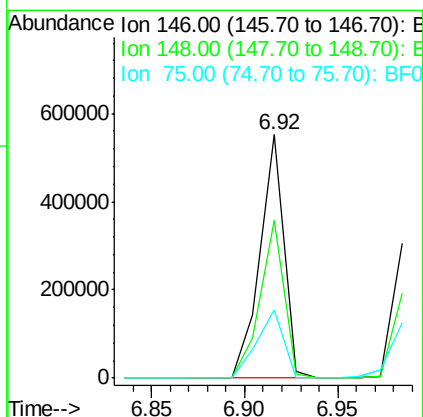
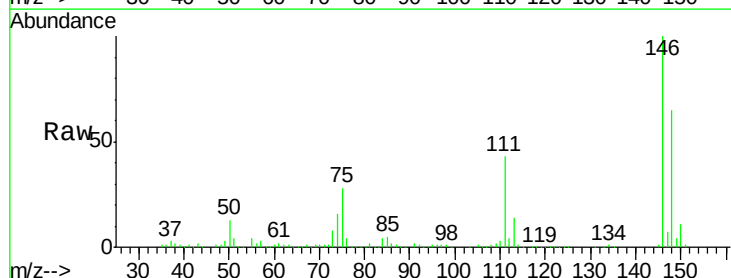
RT: 6.92 min Scan# 405

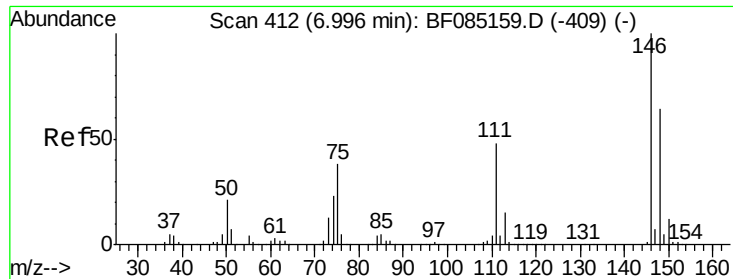
Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	146	Resp:	487889
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
75	28.1	19.5	29.3





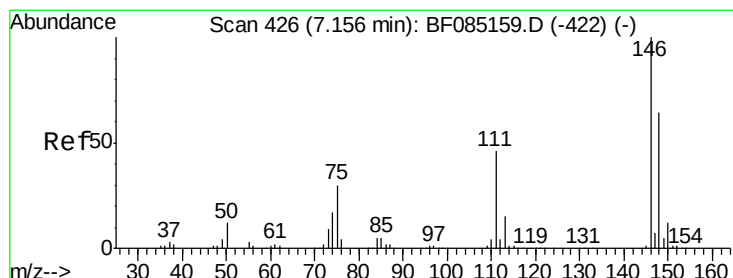
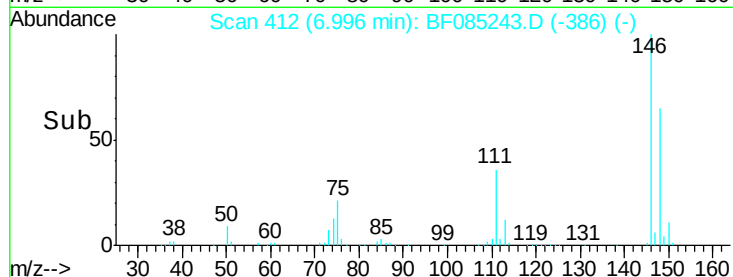
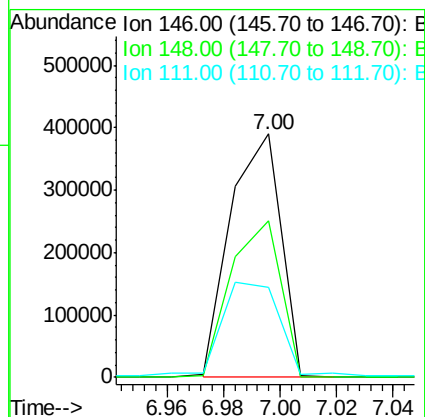
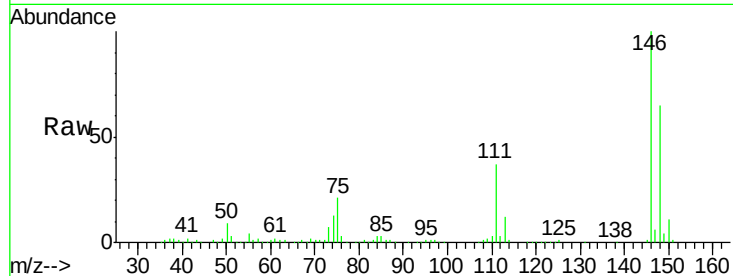
#13
 1,4-Dichlorobenzene
 Concen: 44.22 ng/ml
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	37.2	38.4	57.6

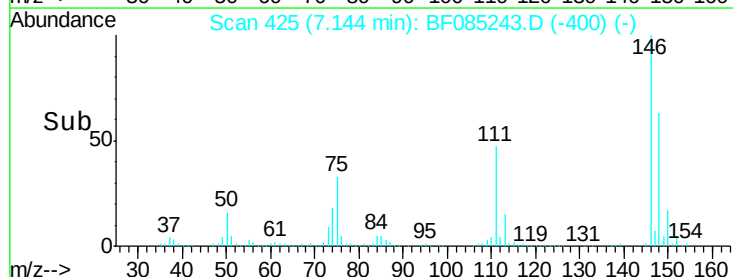
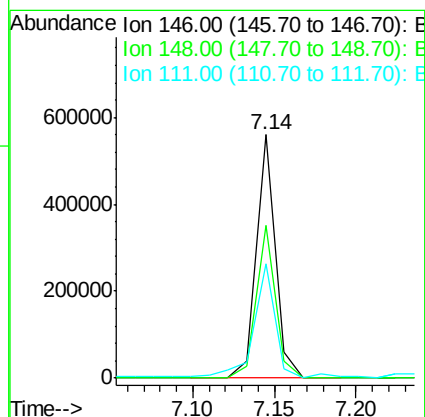
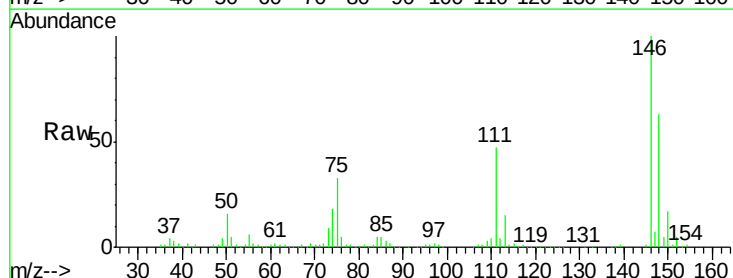
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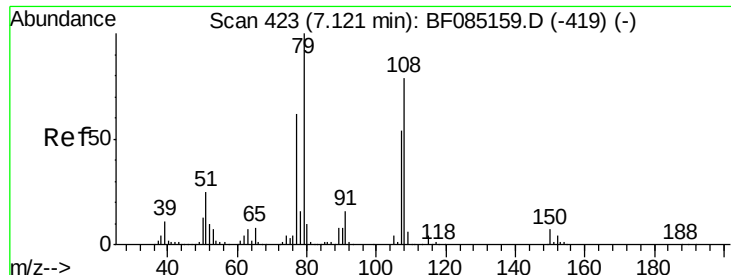
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#14
 1,2-Dichlorobenzene
 Concen: 46.22 ng/ml
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
111	47.2	36.7	55.1





#15

Benzyl Alcohol

Concen: 45.43 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

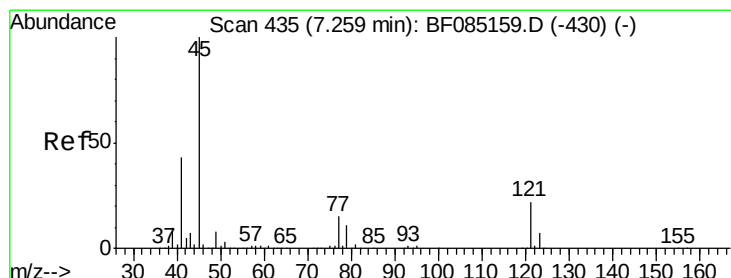
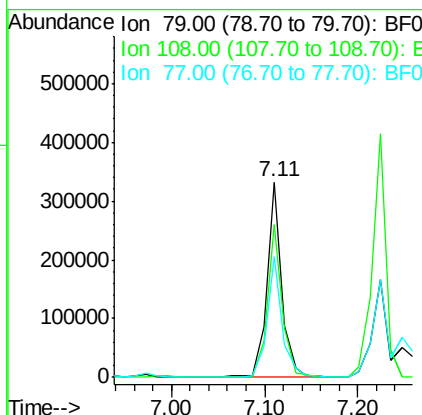
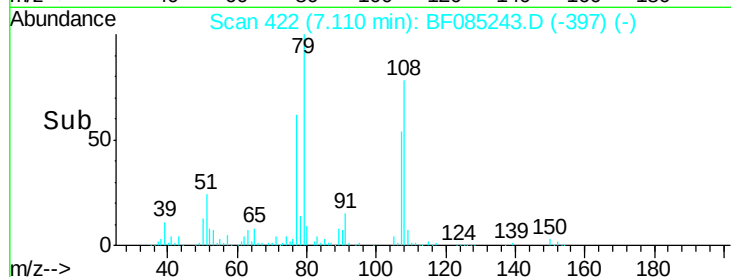
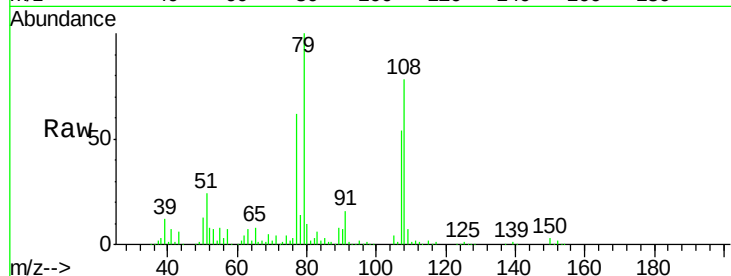
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	79	Resp:	364982
Ion Ratio	Lower	Upper	
79	100		
108	78.0	62.9	94.3
77	61.6	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.85 ng

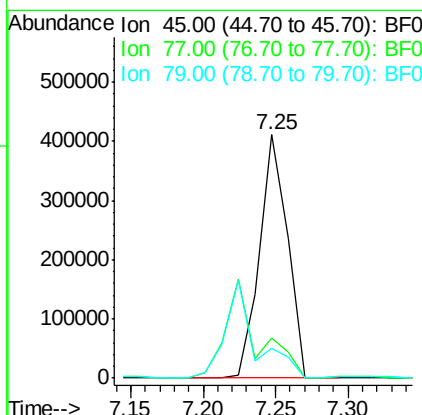
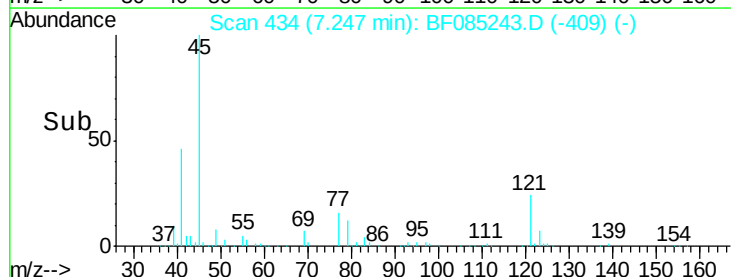
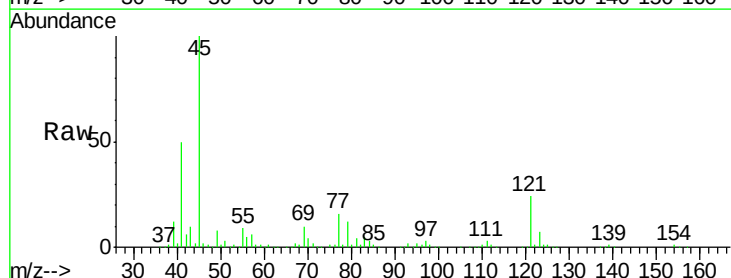
RT: 7.25 min Scan# 434

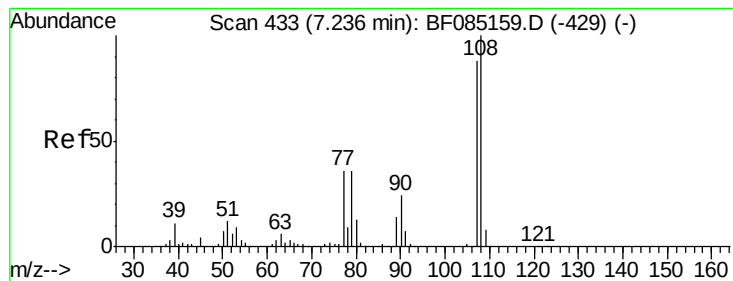
Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	45	Resp:	545079
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.1
79	12.3	0.0	31.3





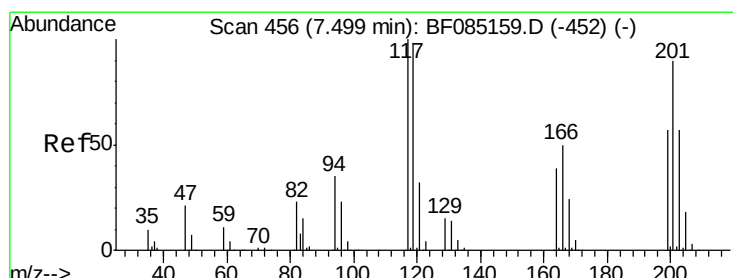
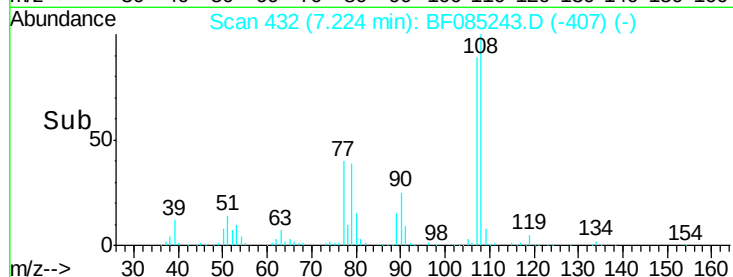
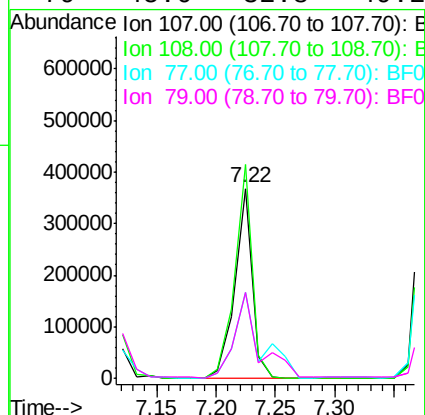
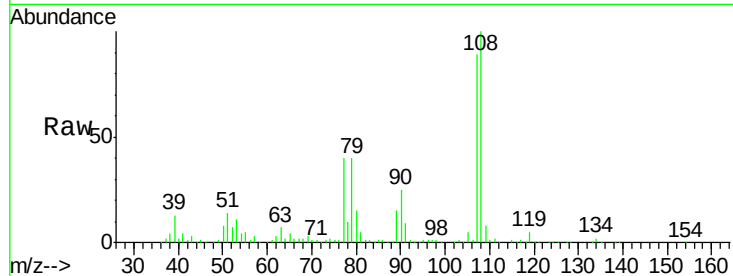
#17
2-Methylphenol
Concen: 45.63 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	112.6		90.9	136.3	
77	45.2		32.6	48.8	
79	45.0		32.8	49.2	

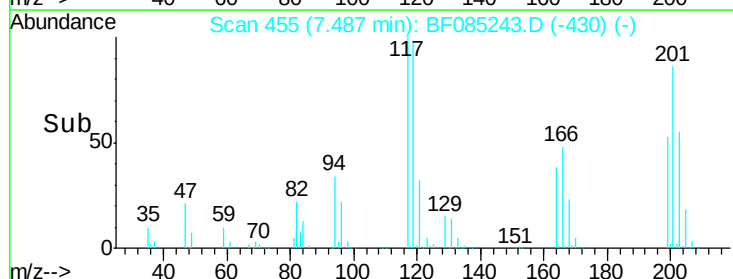
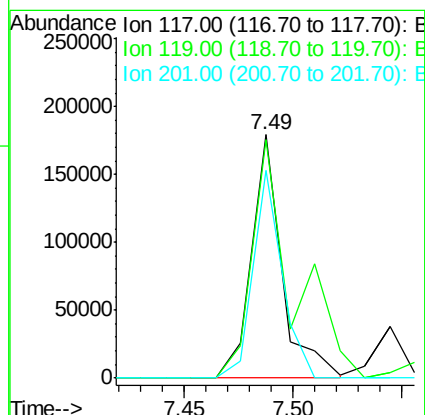
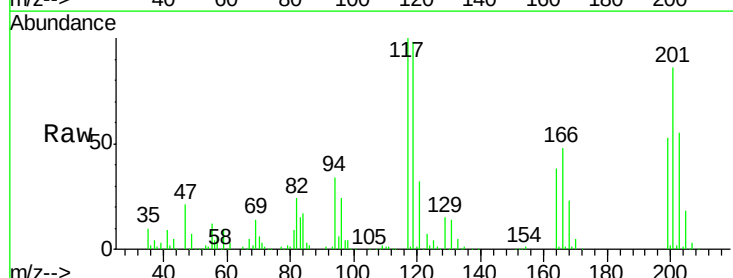
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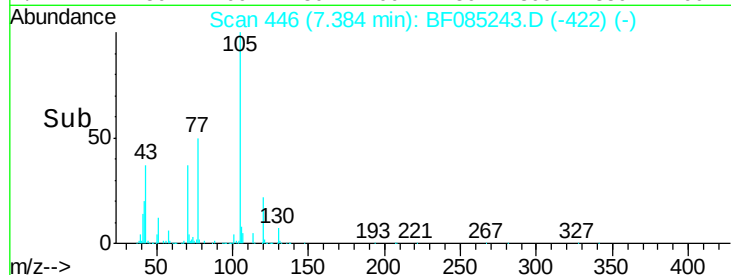
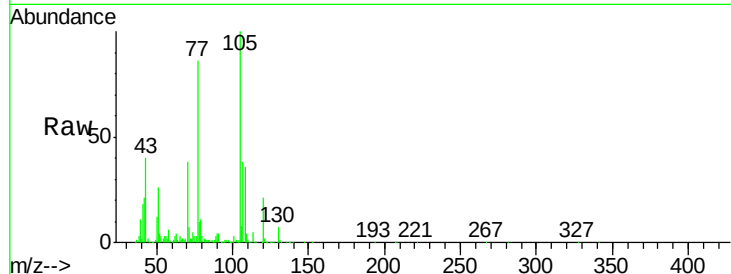
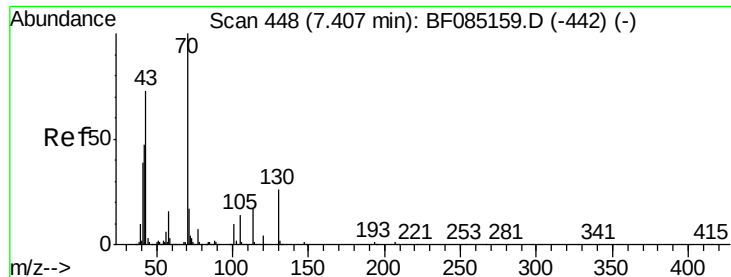
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#18
Hexachloroethane
Concen: 43.59 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	98.2		78.2	117.4	
201	85.5		72.0	108.0	





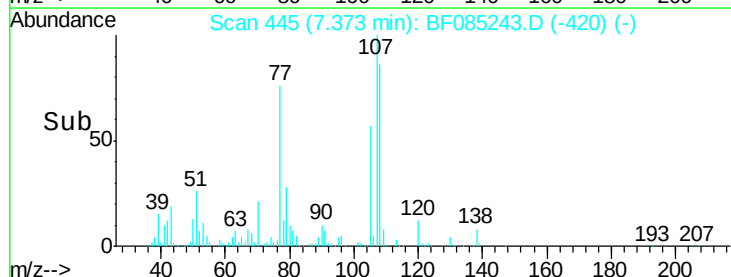
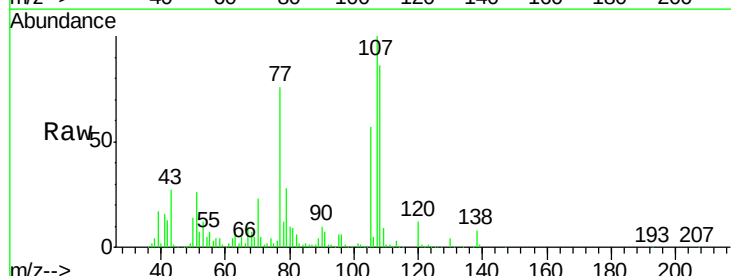
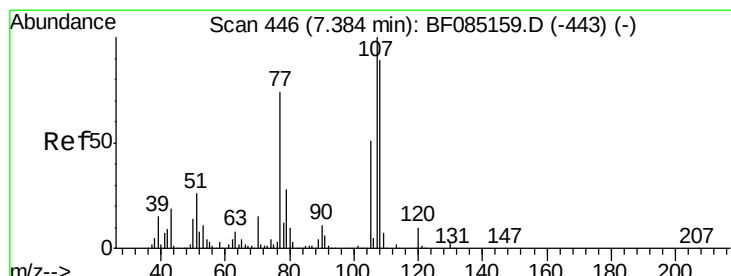
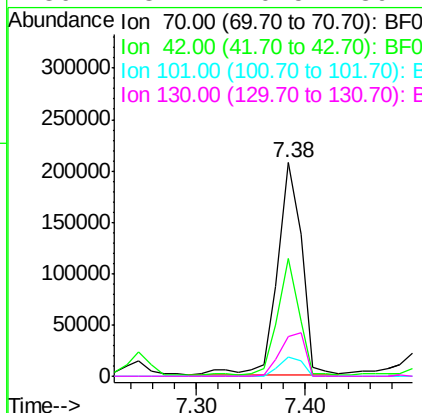
#19
n-Nitroso-di-n-propylamine
Concen: 45.02 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	37.7	56.5	
101	9.2	8.2	12.4	
130	18.7	20.5	30.7#	

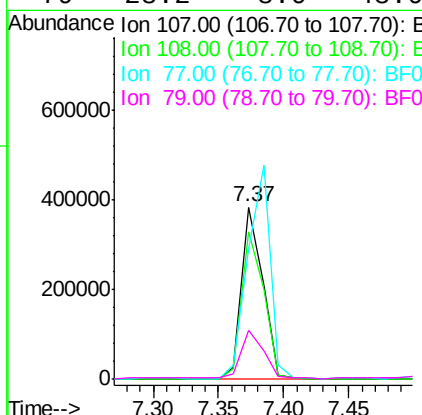
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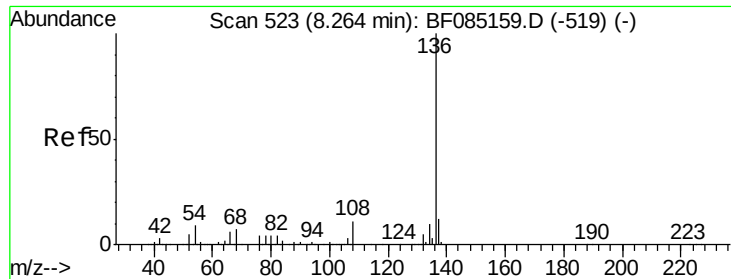
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#20
3+4-Methylphenols
Concen: 44.19 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	68.8	108.8	
77	76.0	53.6	93.6	
79	28.2	8.0	48.0	





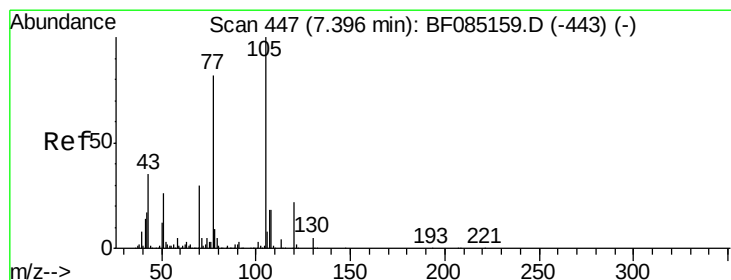
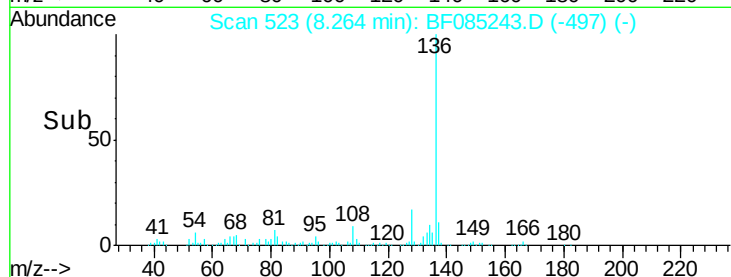
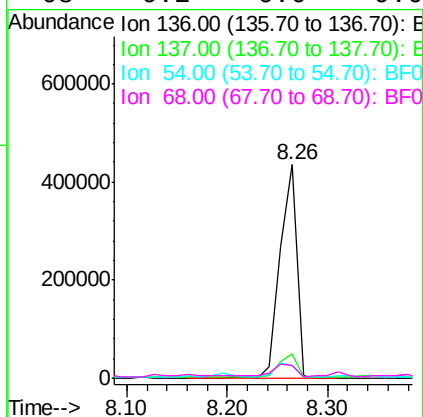
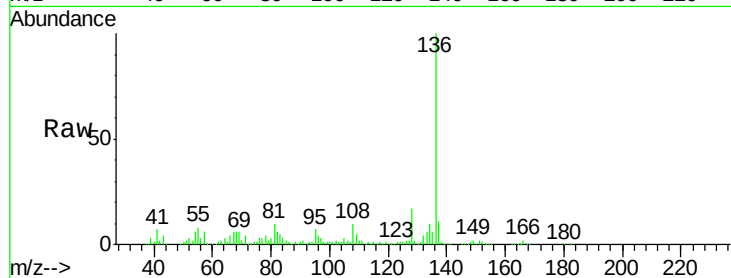
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	507122		
137	11.1	9.3	13.9	
54	6.3	7.4	11.2	
68	6.2	6.0	9.0	

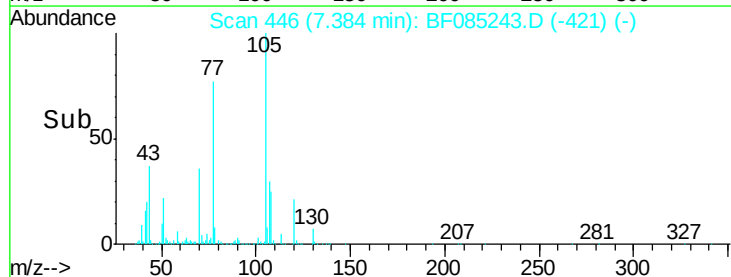
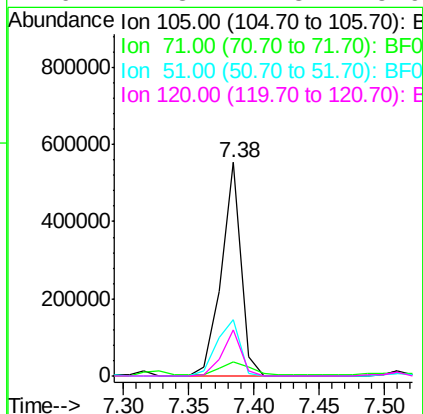
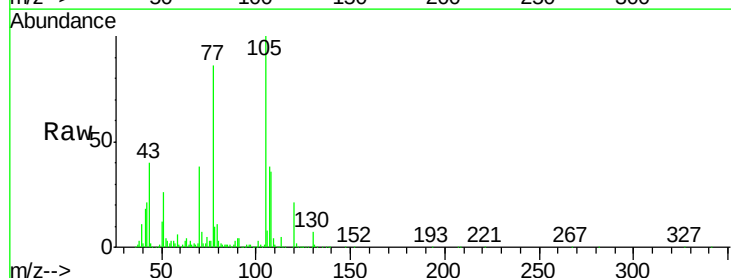
Manual Integrations
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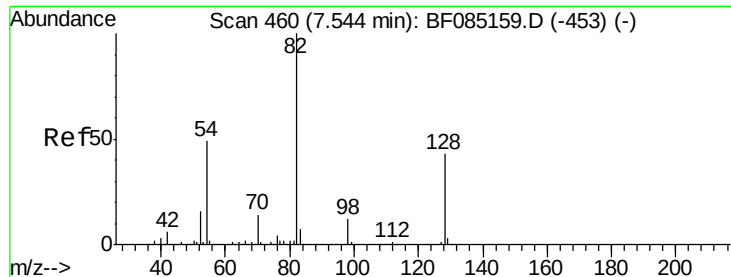
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#22
Acetophenone
Concen: 46.89 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580380		
71	6.9	4.1	6.1	
51	26.2	21.1	31.7	
120	21.3	17.3	25.9	





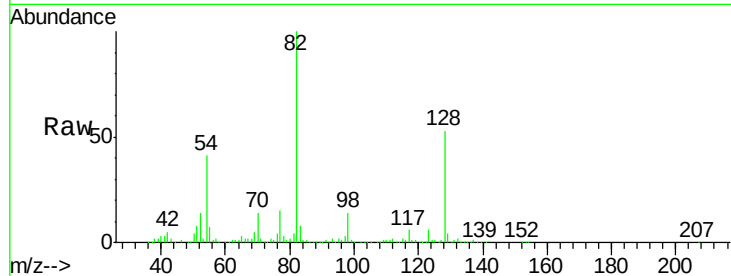
#23
 Nitrobenzene-d5
 Concen: 104.37 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

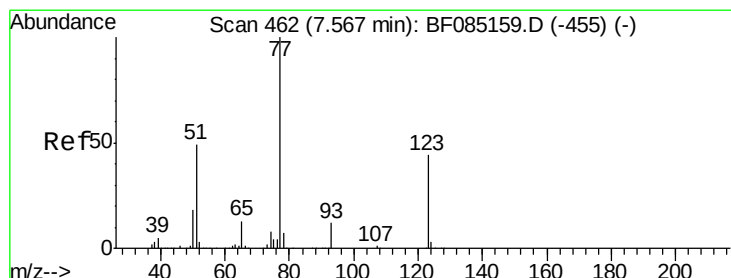
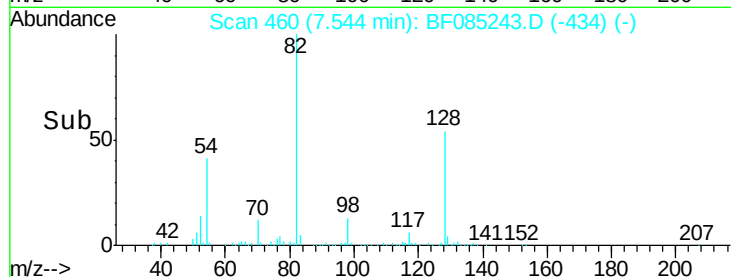
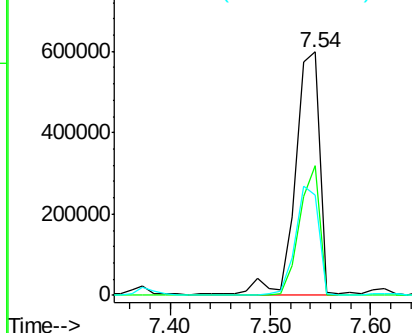
Tot Ion	Ratio	Lower	Upper
82	100		
128	53.3	34.5	51.7#
54	41.2	39.3	58.9

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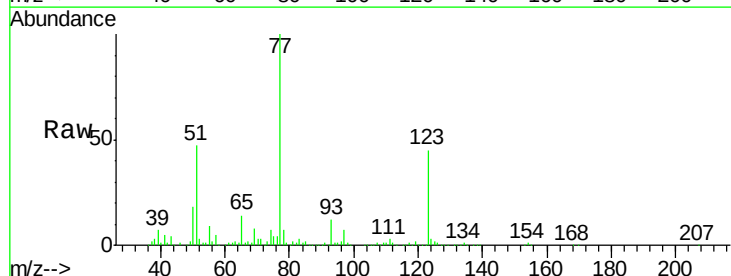


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

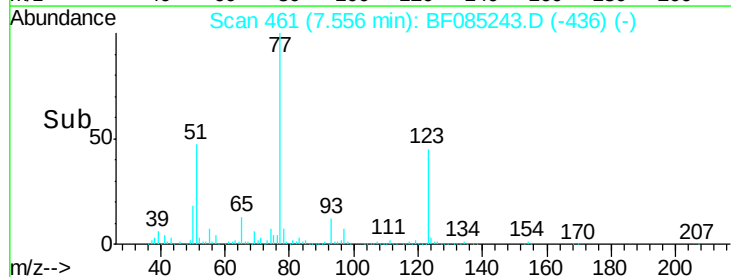
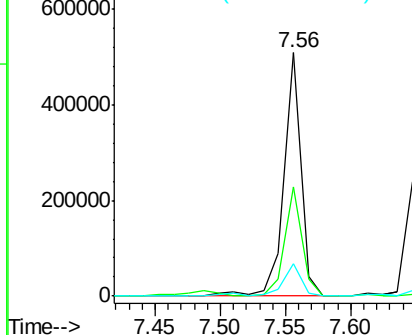


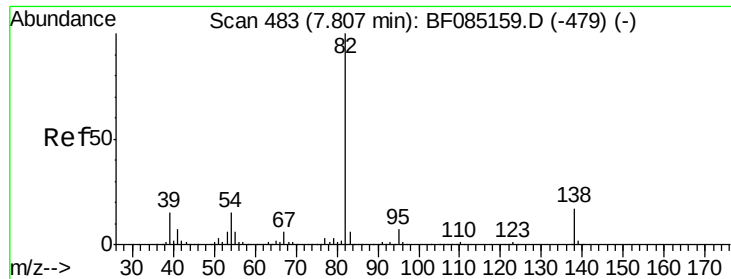
#24
 Nitrobenzene
 Concen: 47.14 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.4	53.2
65	13.5	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





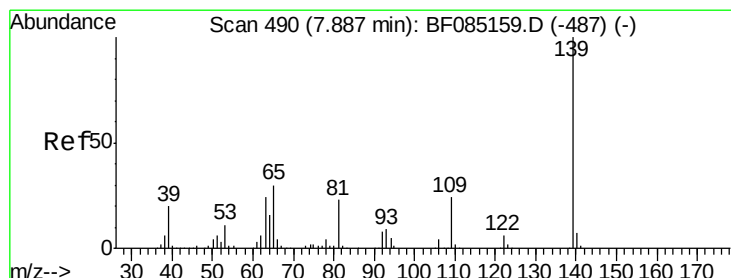
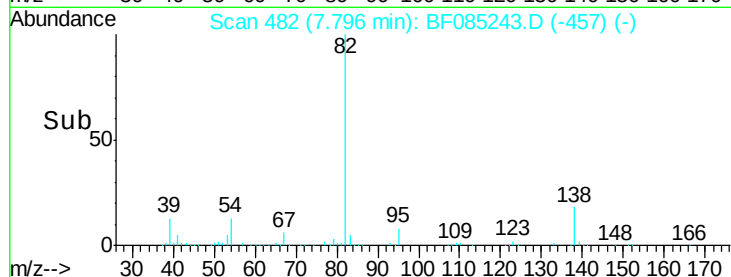
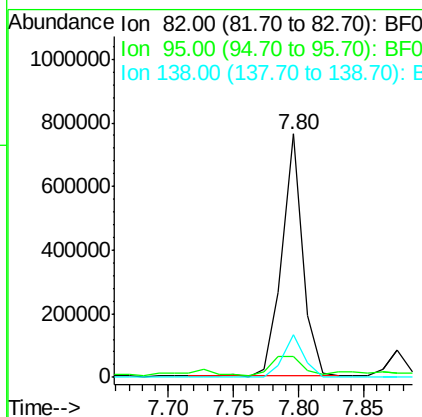
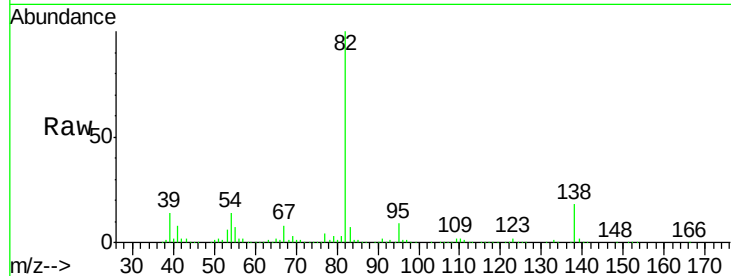
#25
Isophorone
Concen: 49.10 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	5.4	8.2#	
138	17.6	13.3	19.9	

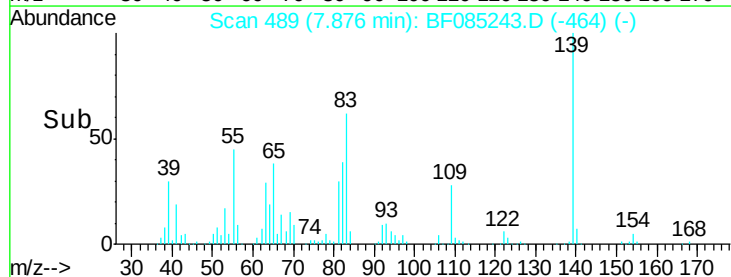
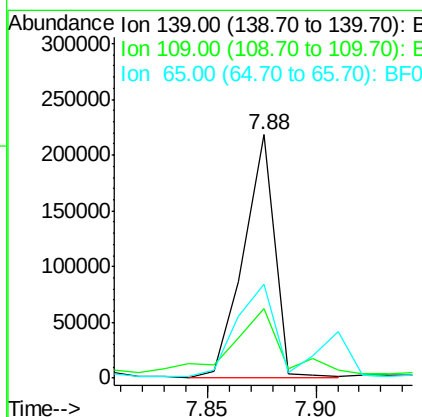
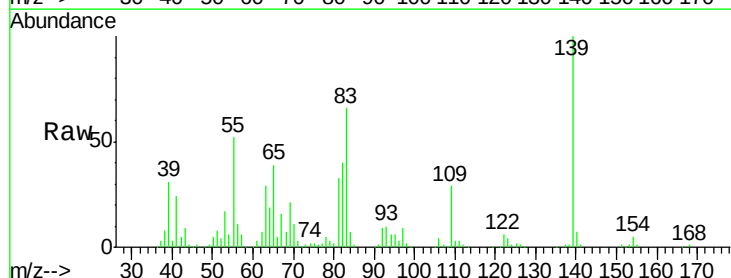
Manual Integrations
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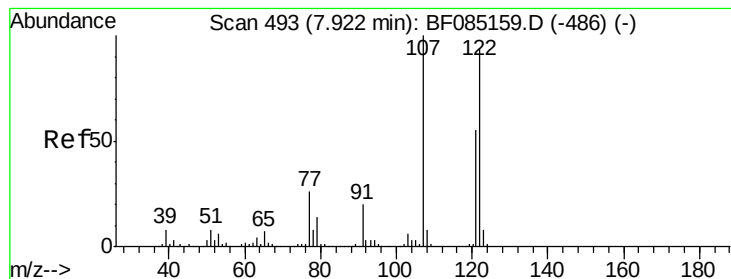
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#26
2-Nitrophenol
Concen: 45.96 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.6	19.1	28.7	
65	38.5	23.9	35.9#	





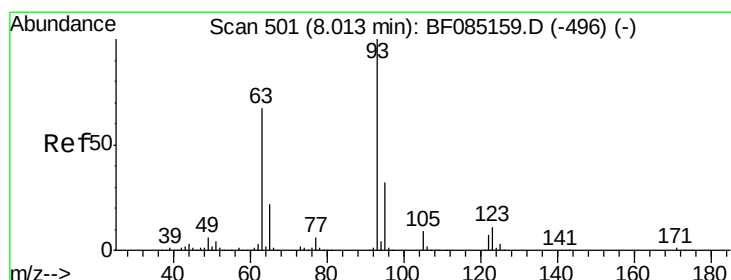
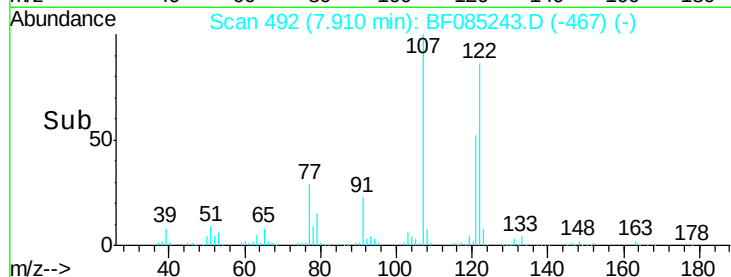
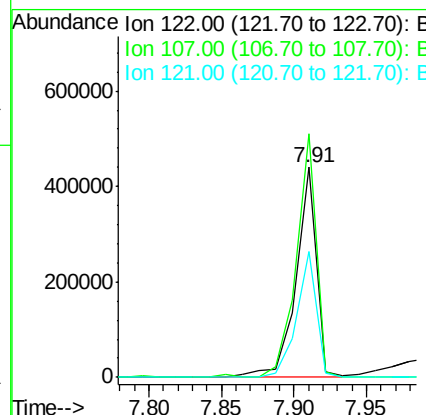
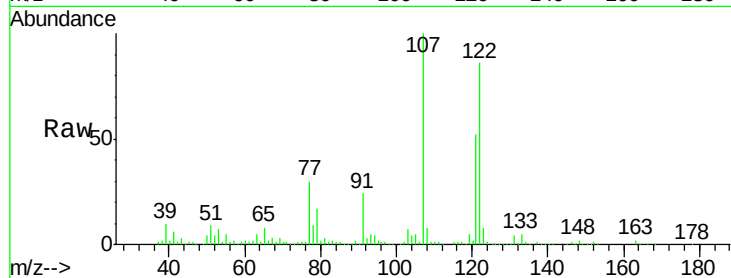
#27
2,4-Dimethylphenol
Concen: 50.37 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	84.8	127.2
121	59.8	47.0	70.6

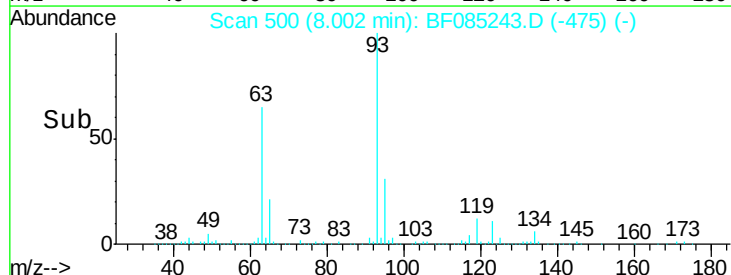
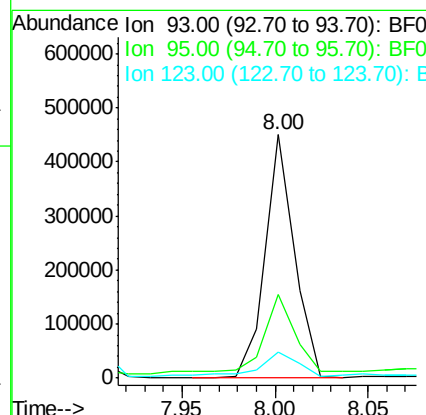
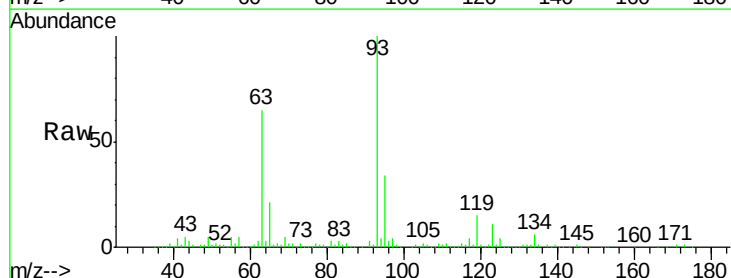
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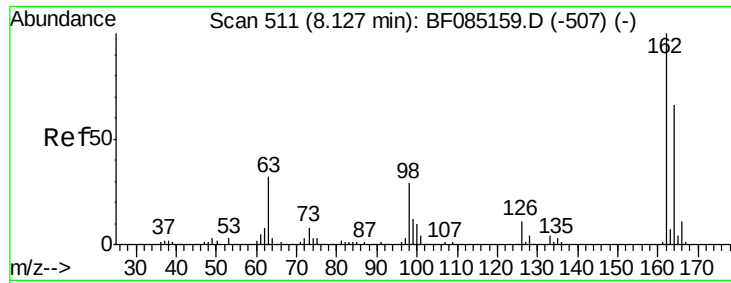
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#28
bis(2-Chloroethoxy)methane
Concen: 49.22 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.9	38.9
123	10.9	8.8	13.2





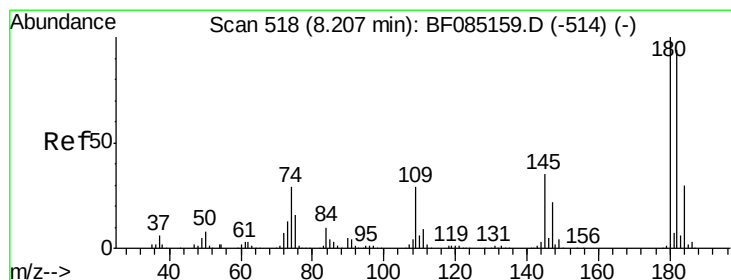
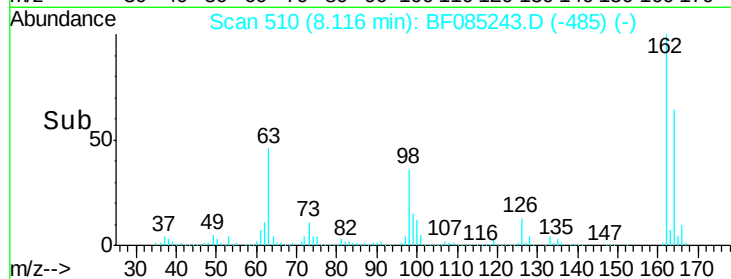
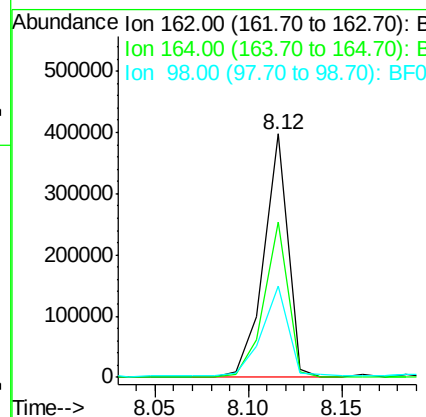
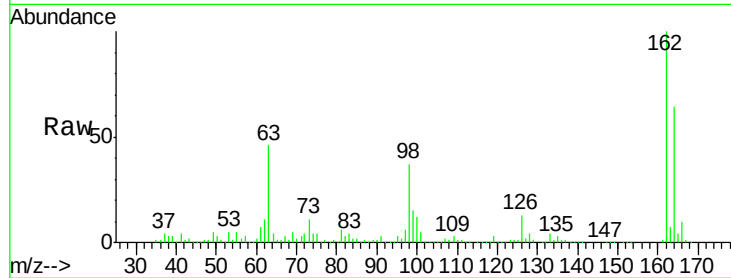
#29
 2,4-Dichlorophenol
 Concen: 51.91 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Tot Ion:	162	Resp:	358432
Ion Ratio	Lower	Upper	
162	100		
164	63.8	45.7	85.7
98	37.4	9.4	49.4

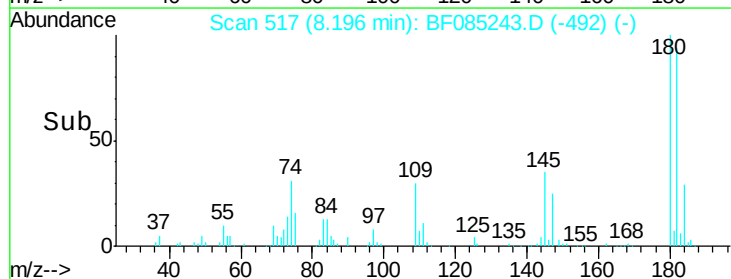
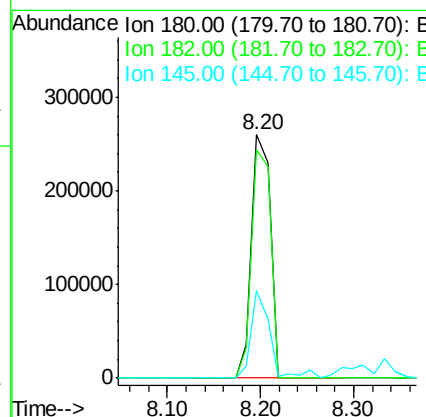
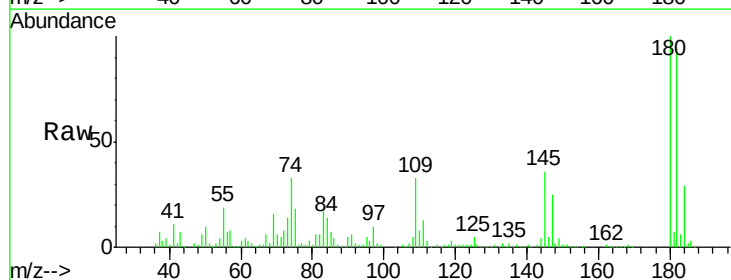
Manual Integrations
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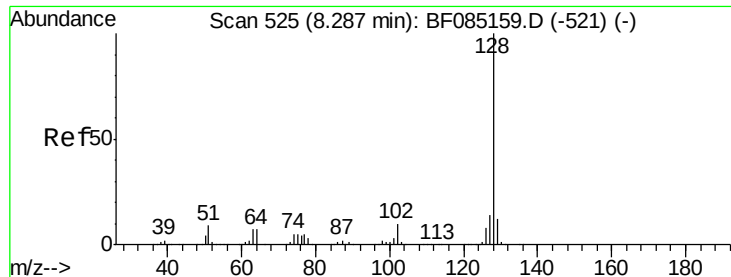
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.57 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion:	180	Resp:	362626
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.9	112.3
145	35.8	27.9	41.9





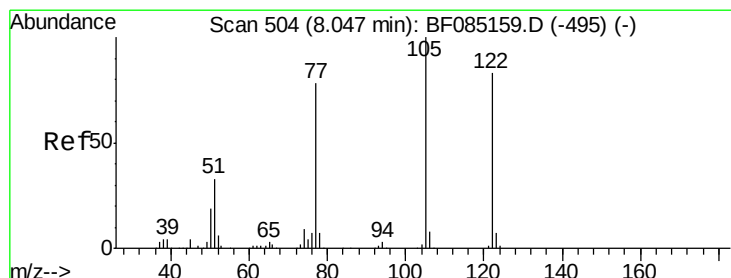
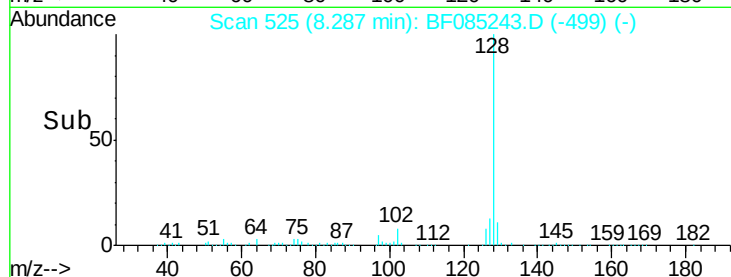
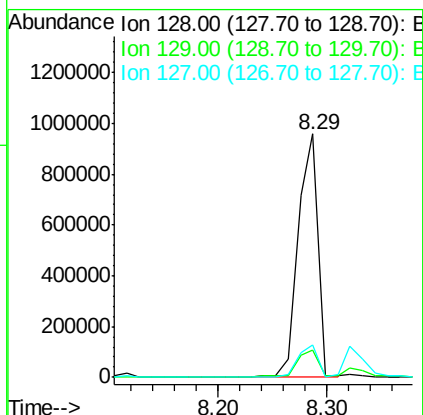
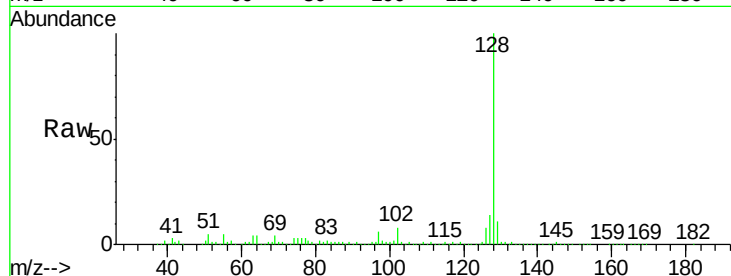
#31
Naphthalene
Concen: 49.04 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.5	11.2	16.8

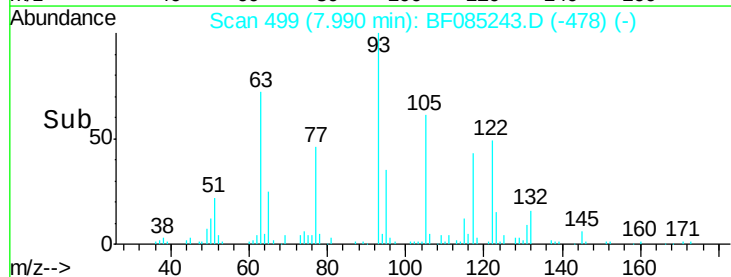
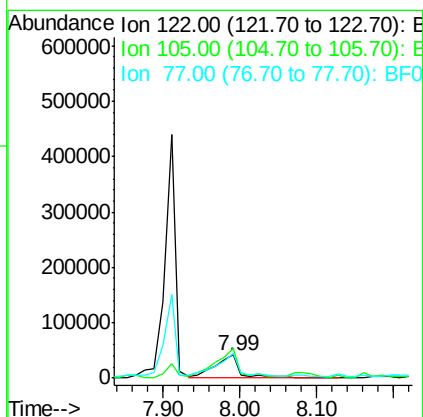
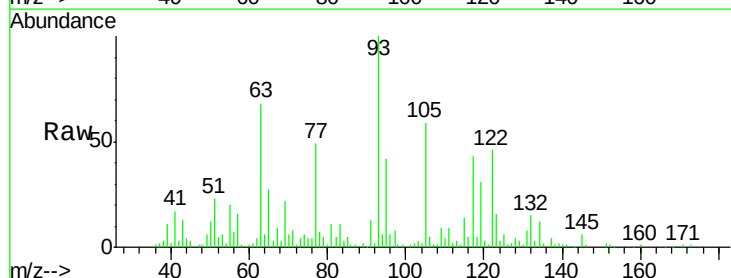
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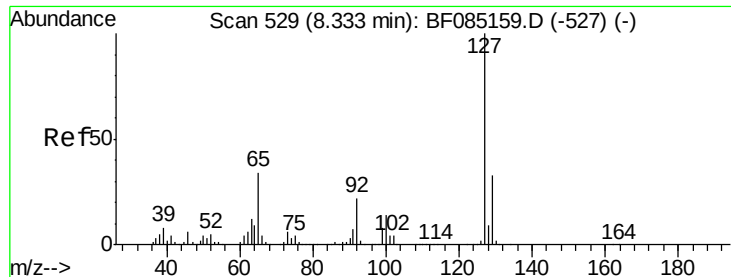
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3/7/2016 3:31:04 PM



#32
Benzoic acid
Concen: 16.07 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	101.3	141.3
77	107.0	74.7	114.7





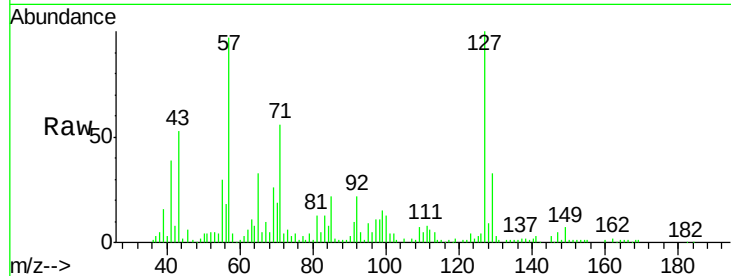
#33
4-Chloroaniline
Concen: 15.09 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

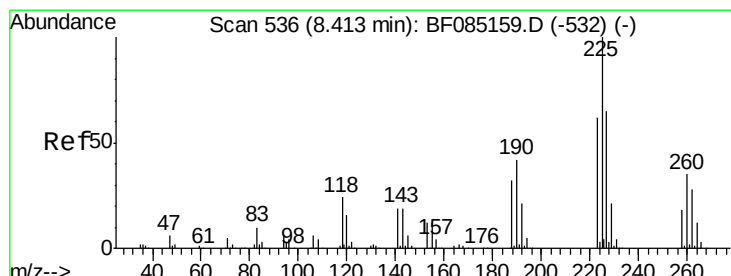
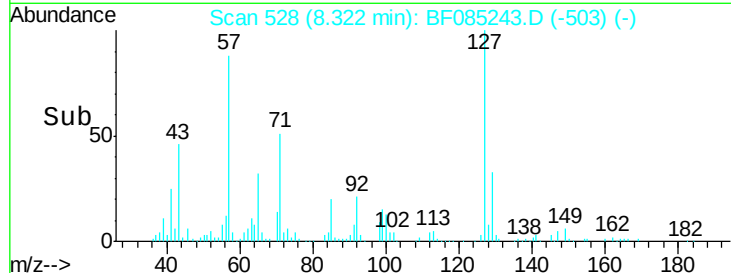
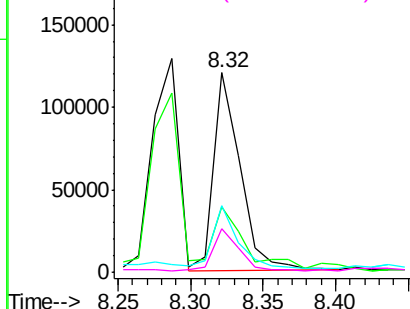
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	33.3	27.0	40.6		
92	21.7	17.4	26.0		

Manual Integrations
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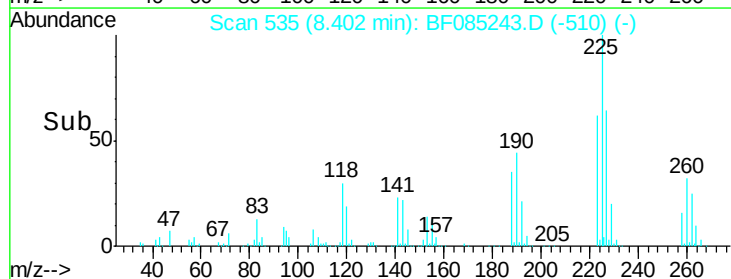
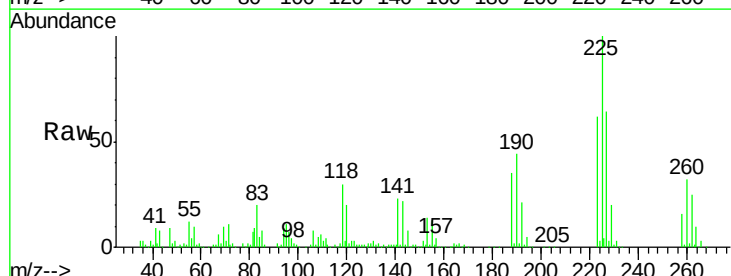
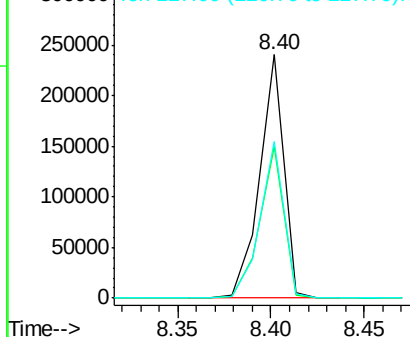
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

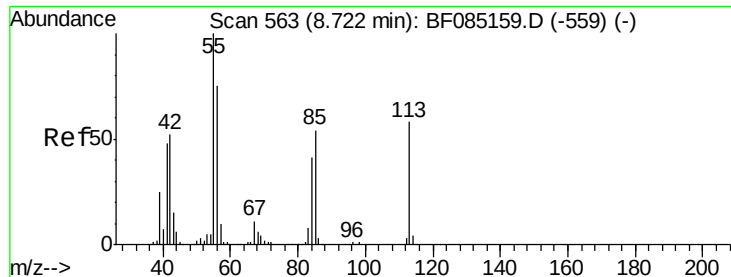


#34
Hexachlorobutadiene
Concen: 54.90 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.7	74.5		
227	64.1	52.2	78.4		

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: 58.86 ng

RT: 8.69 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

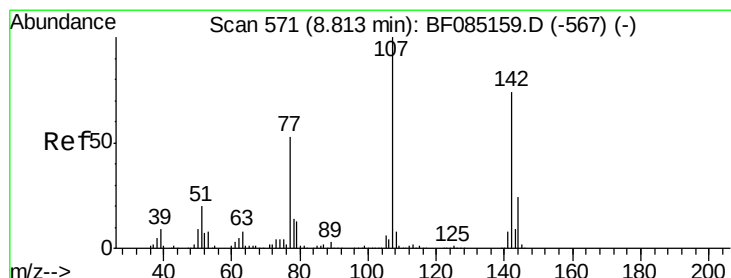
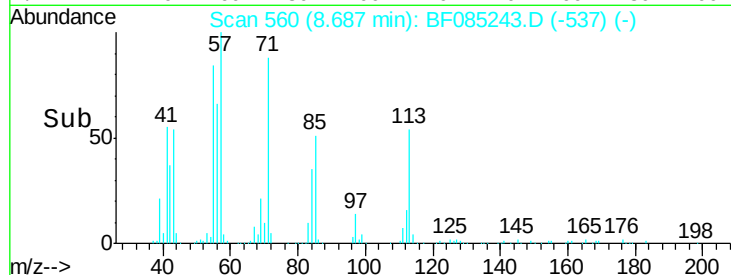
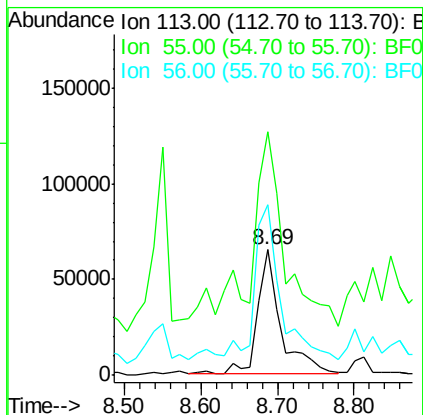
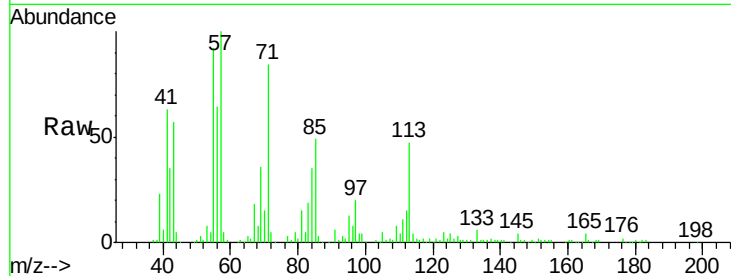
ClientSampleId :

SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.9	152.7	192.7#
56	136.2	109.0	149.0

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3/7/2016 3:31:04 PM



#36

4-Chloro-3-methylphenol

Concen: 49.08 ng

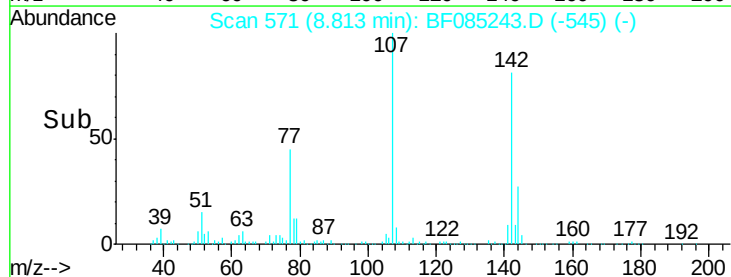
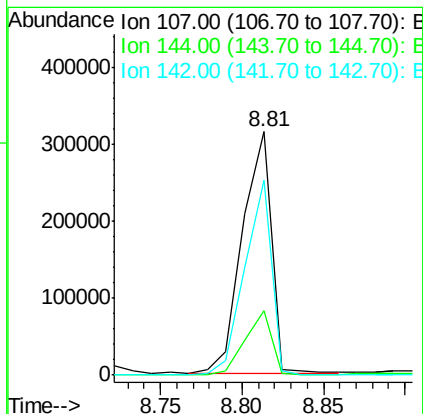
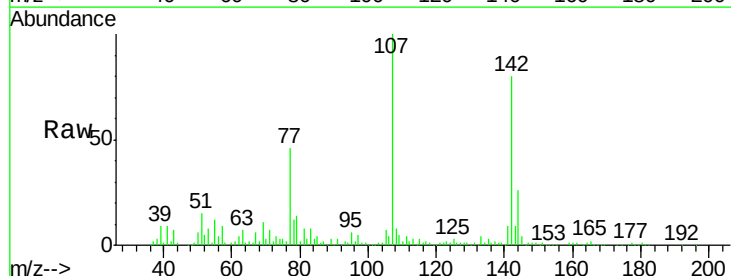
RT: 8.81 min Scan# 571

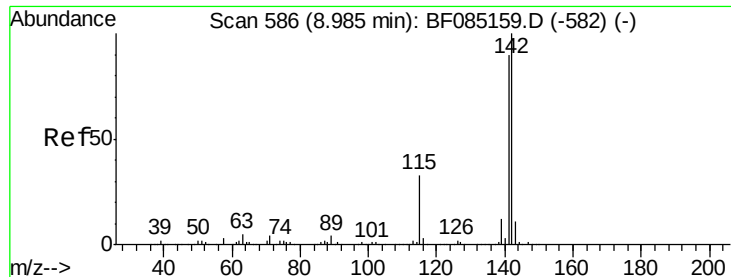
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.4	29.2
142	80.1	59.4	89.2





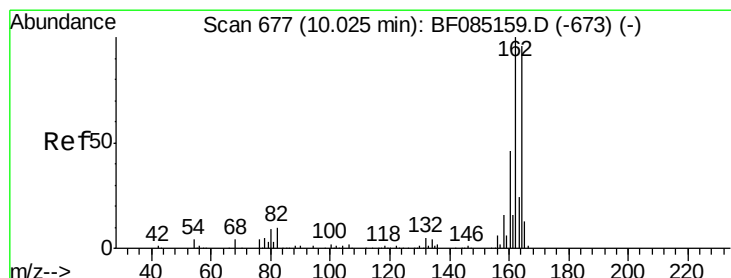
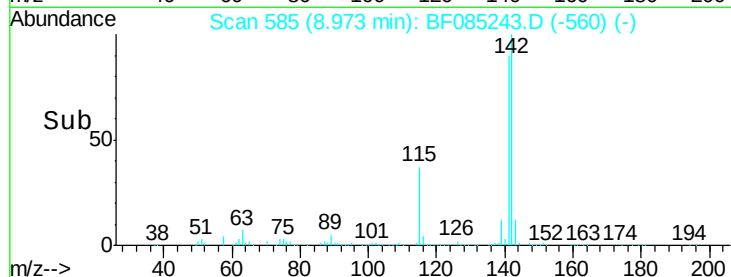
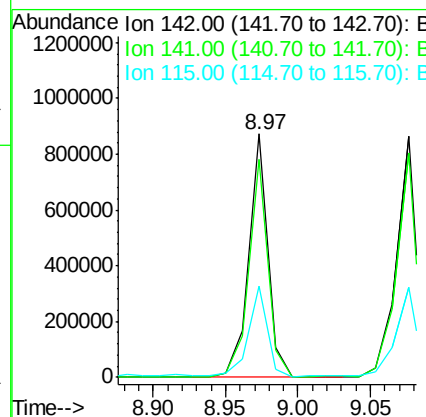
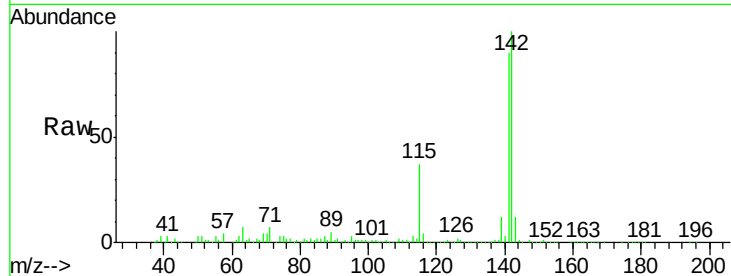
#37
2-Methylnaphthalene
Concen: 49.92 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	37.4	26.2	39.4

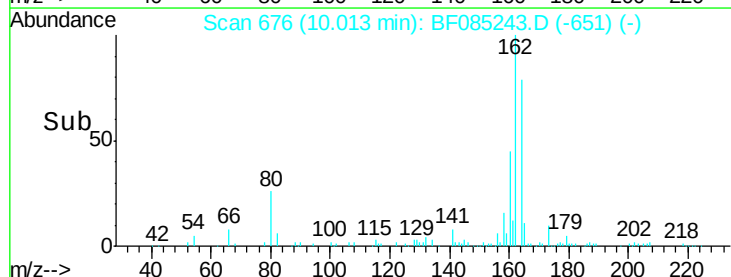
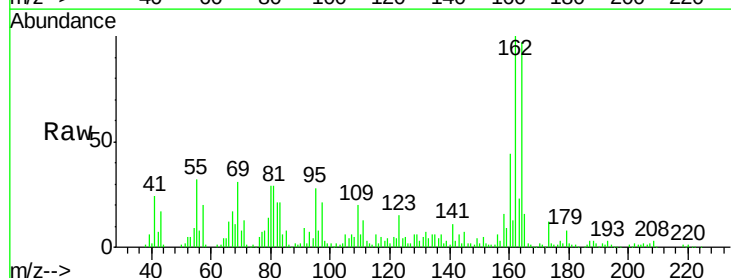
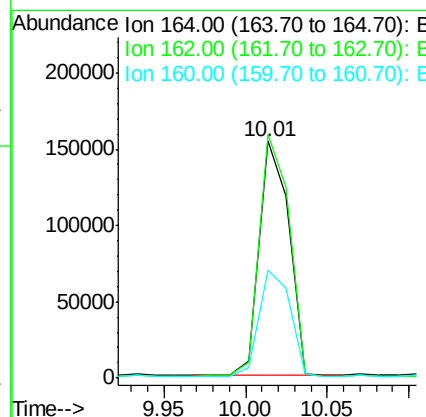
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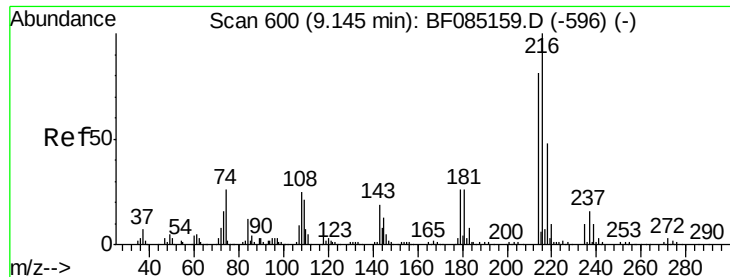
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3/7/2016 3:31:04 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.3	124.9
160	45.6	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.58 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

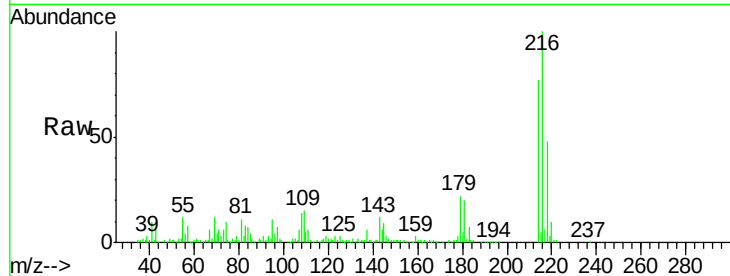
ClientSampleId :

SB-43(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		325948		
214	78.3		63.8	95.6	
179	27.1		19.6	29.4	
108	19.9		19.6	29.4	

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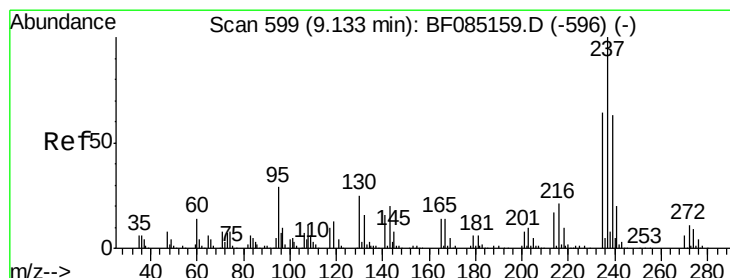
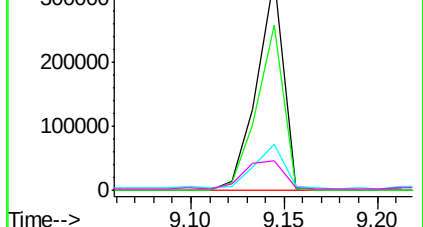
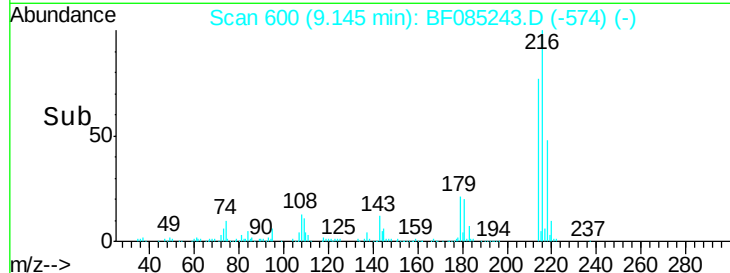


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.36 ng

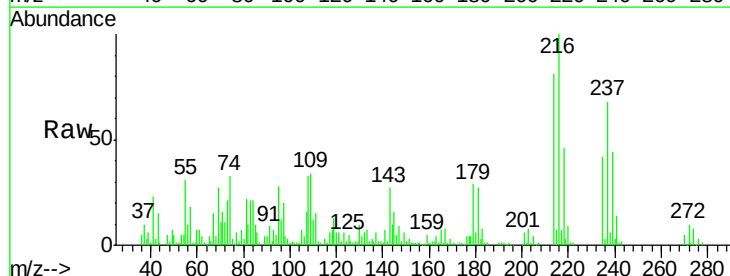
RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

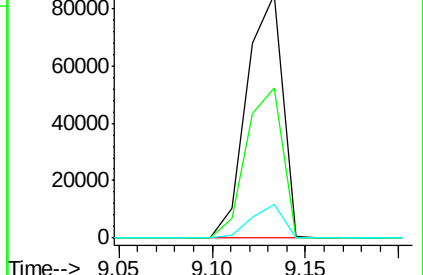
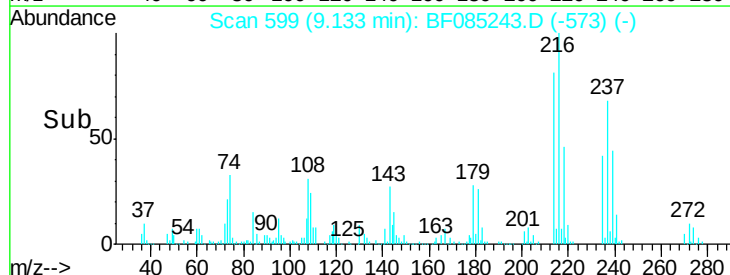
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		112103		
235	61.8		43.7	83.7	
272	14.1		0.0	31.5	

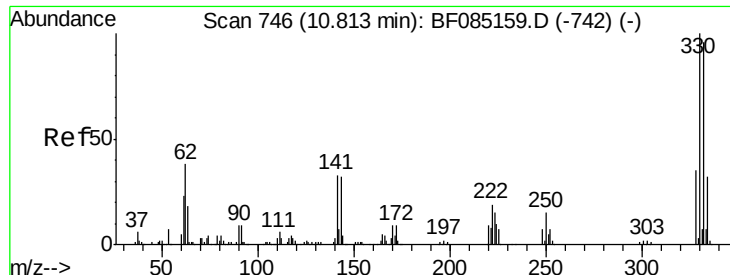


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





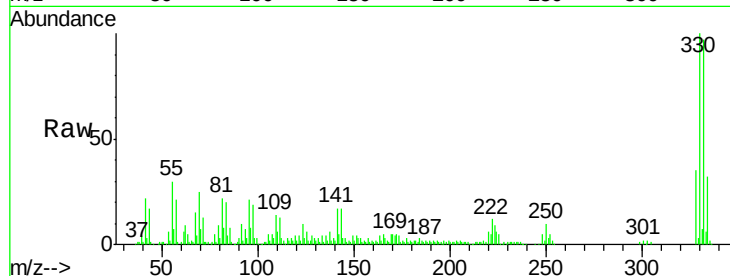
#41
 2,4,6-Tribromophenol
 Concen: 160.06 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

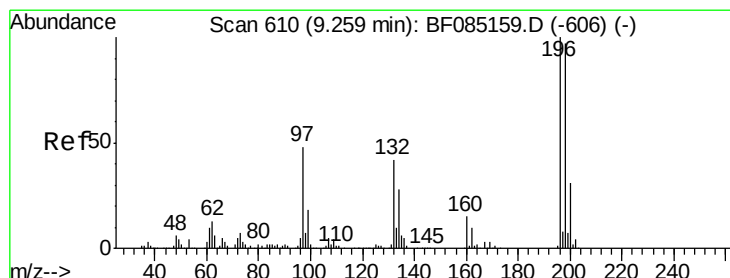
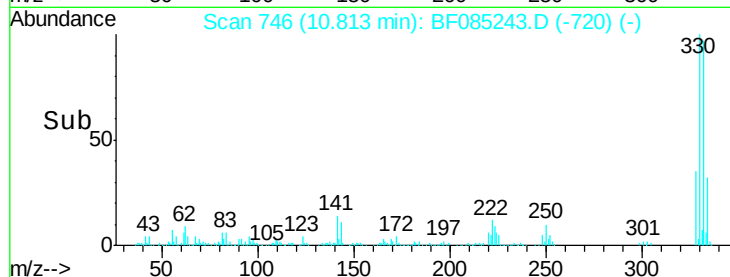
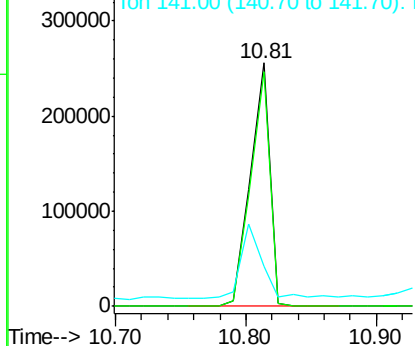
Tot Ion	Ratio	Resp	Lower	Upper
330	100	266450		
332	95.8	77.1	115.7	
141	34.8	35.0	52.6	

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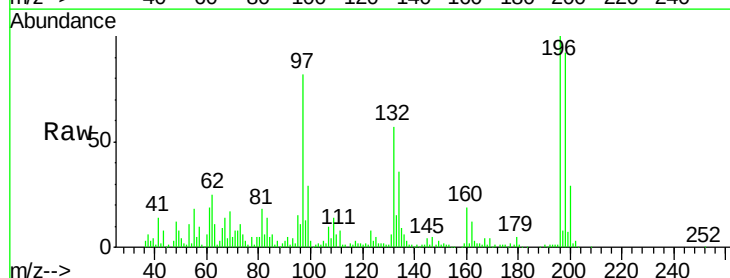


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

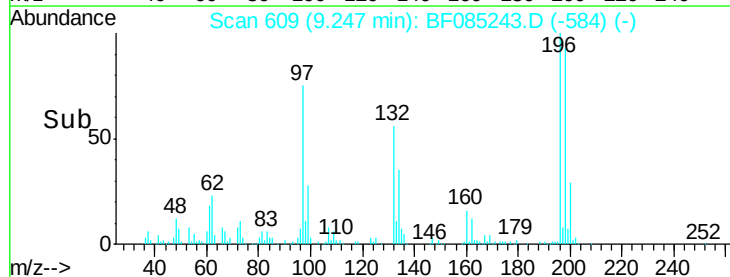
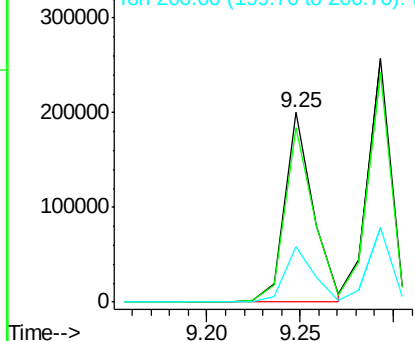


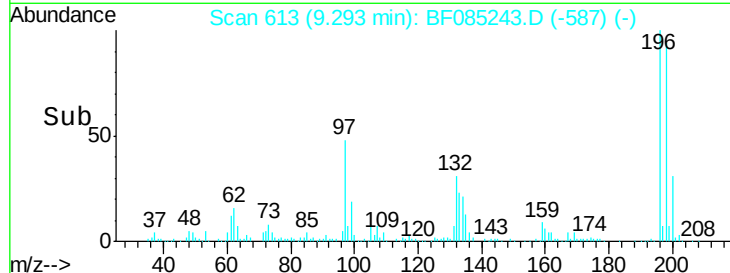
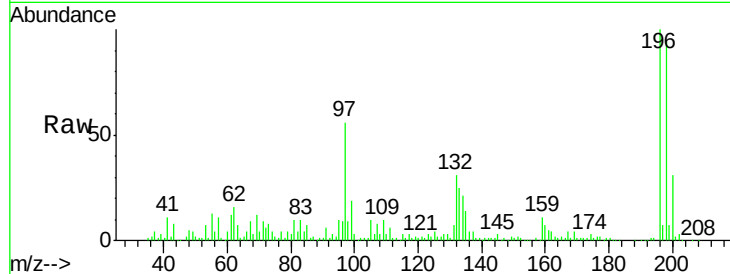
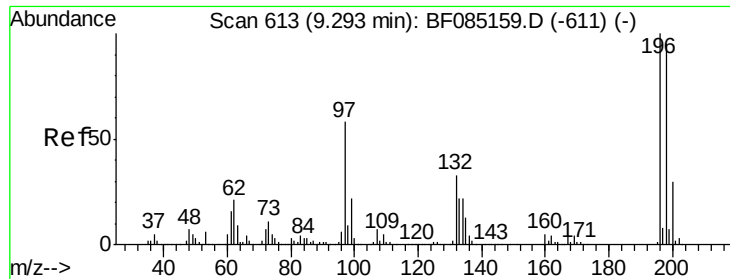
#42
 2,4,6-Trichlorophenol
 Concen: 51.25 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212261		
198	92.4	77.8	116.6	
200	29.3	25.0	37.6	



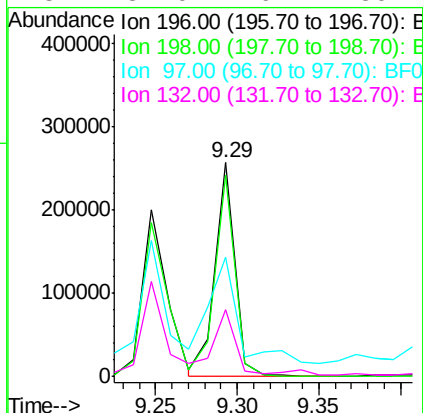
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 55.69 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

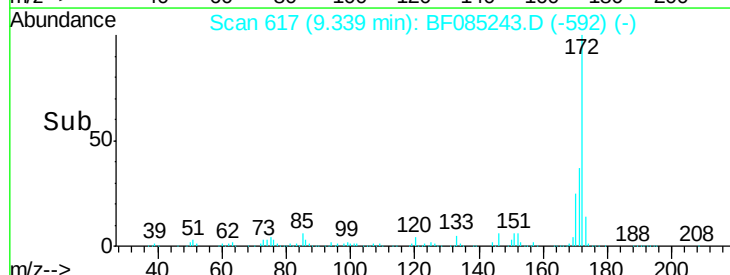
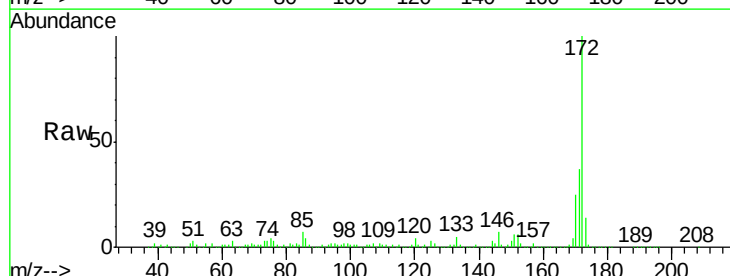
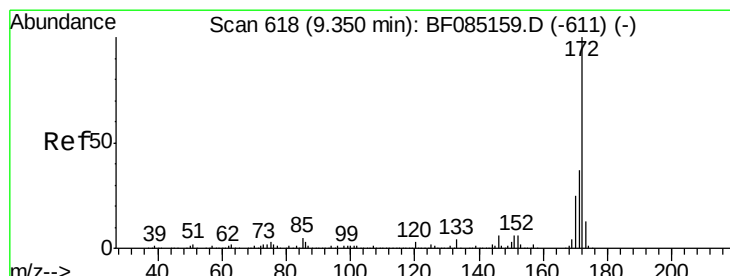
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		218695		
198	94.0	75.7	113.5		
97	55.7	46.4	69.6		
132	31.0	26.2	39.4		



Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

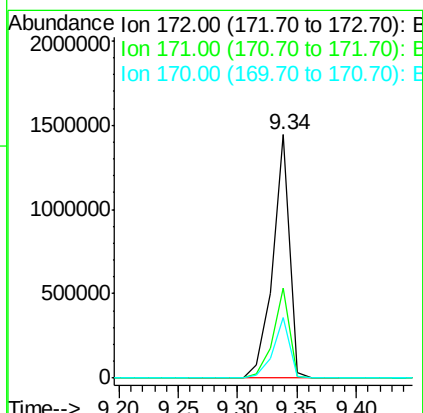
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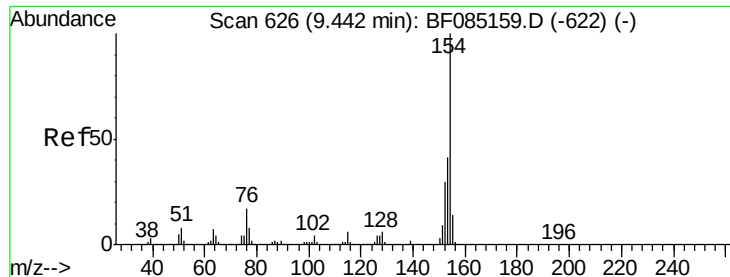
UMANGI
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#44
2-Fluorobiphenyl
Concen: 110.75 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1416716		
171	36.9	29.3	43.9		
170	24.7	20.0	30.0		





#45

1,1'-Biphenyl

Concen: 54.27 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

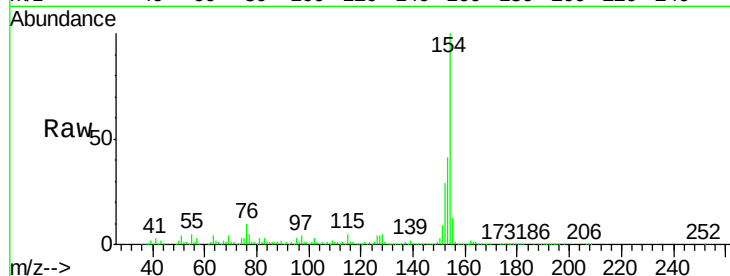
ClientSampleId :

SB-43(10-12)MS

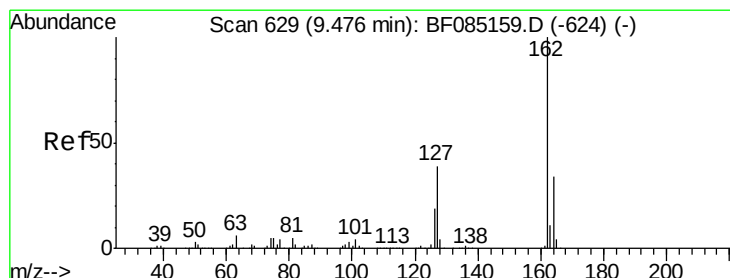
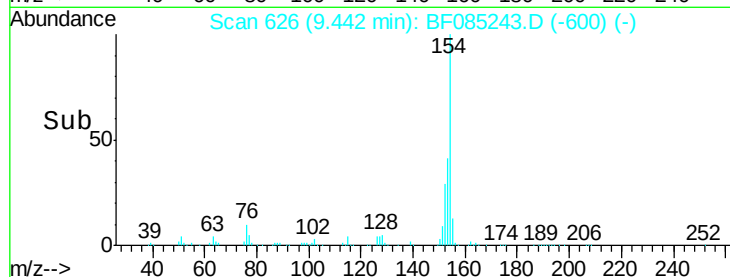
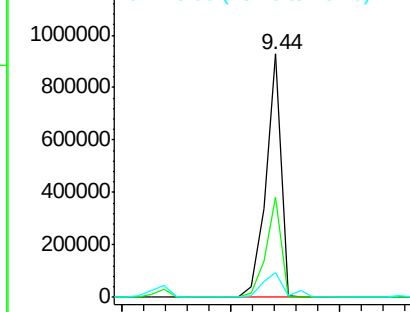
Tot Ion:	154	Resp:	902042
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.4	61.4
76	10.3	0.0	37.5

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



#46

2-Chloronaphthalene

Concen: 51.11 ng

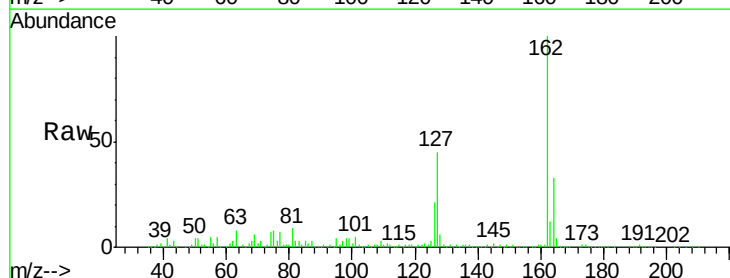
RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

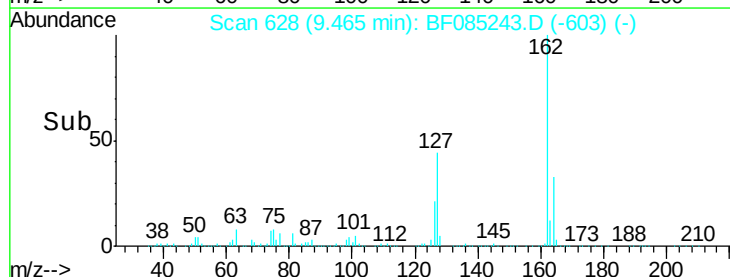
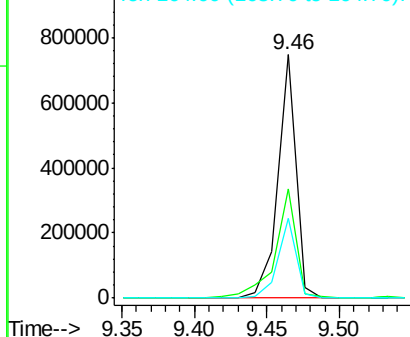
Lab File: BF085243.D

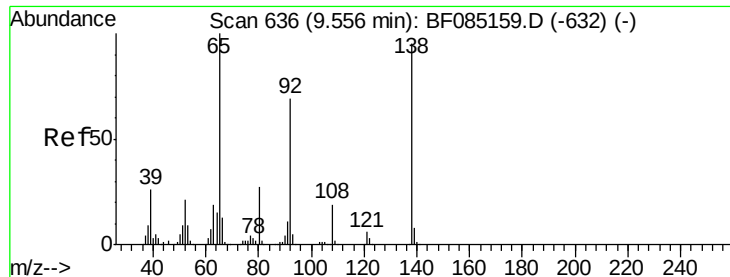
Acq: 5 Mar 2016 10:02

Tgt Ion:	162	Resp:	647616
Ion Ratio	Lower	Upper	
162	100		
127	44.9	31.6	47.4
164	33.0	27.1	40.7



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





#47

2-Nitroaniline

Concen: 56.38 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

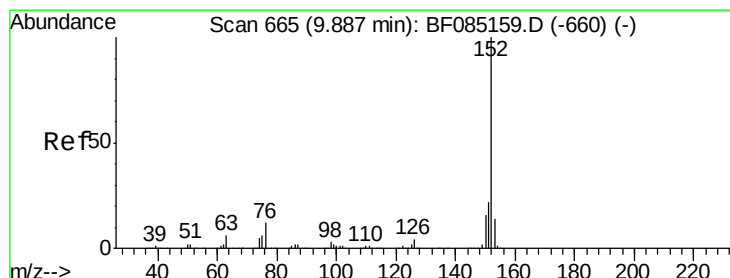
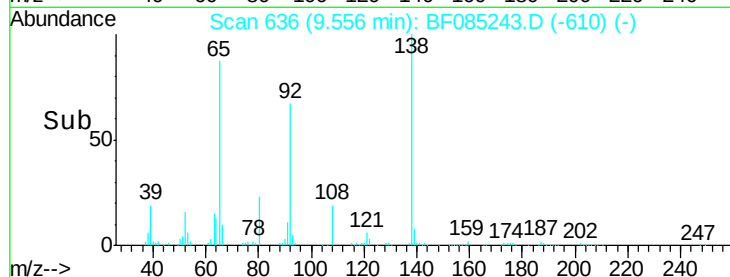
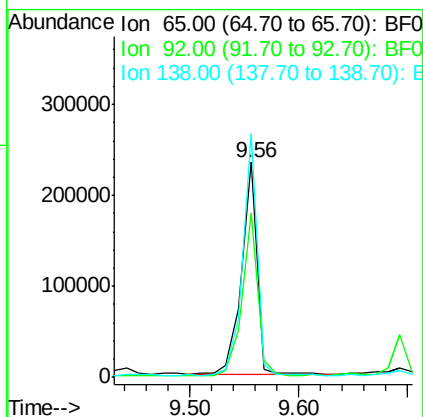
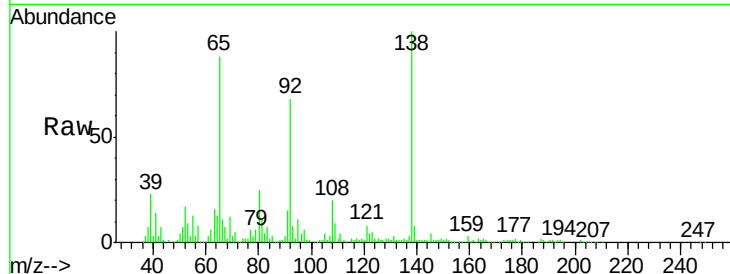
ClientSampleId :

SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.6	55.4	83.2
138	113.3	75.7	113.5

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#48

Acenaphthylene

Concen: 49.20 ng

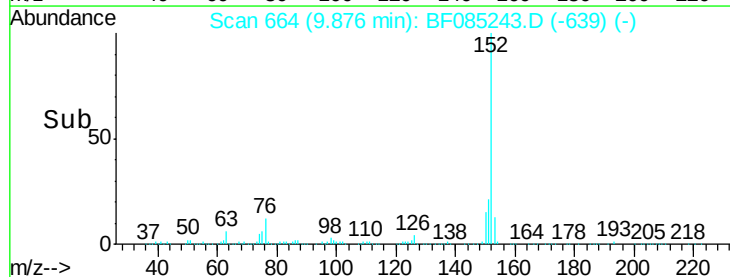
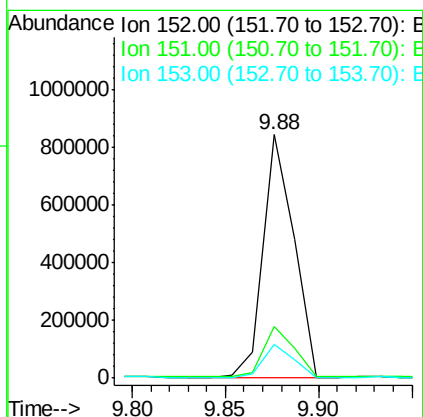
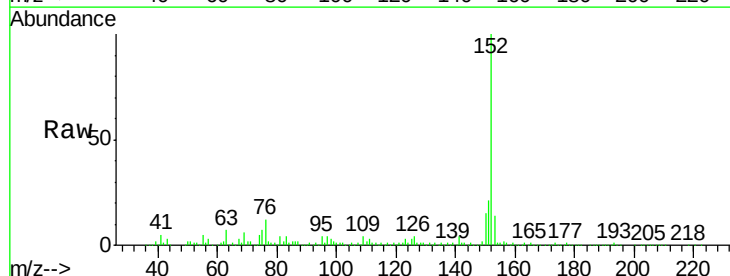
RT: 9.88 min Scan# 664

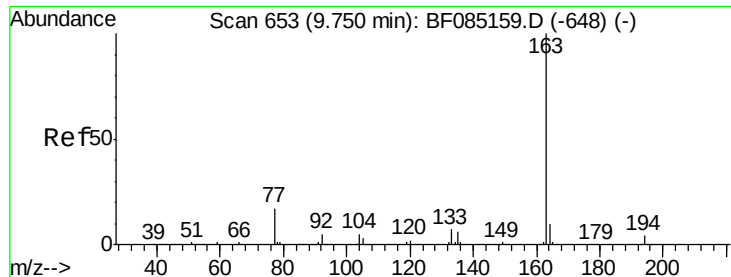
Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	14.0	11.3	16.9





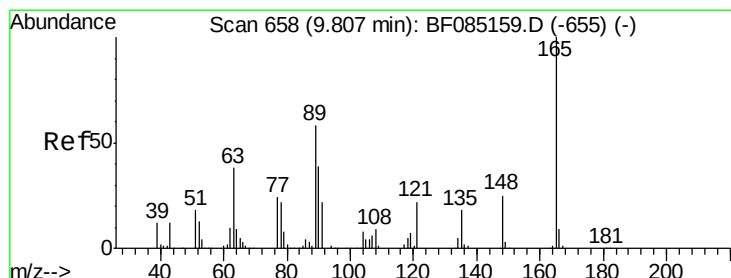
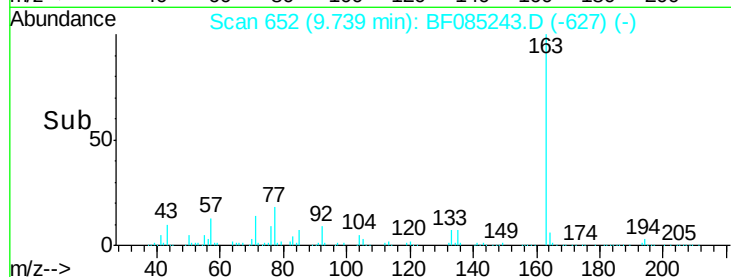
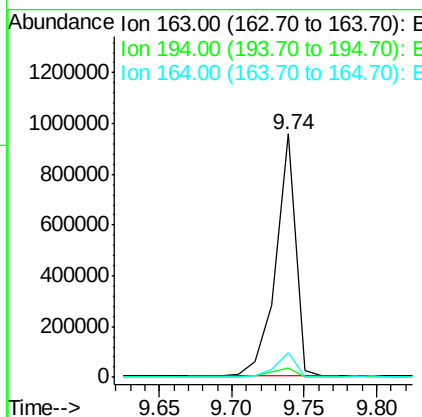
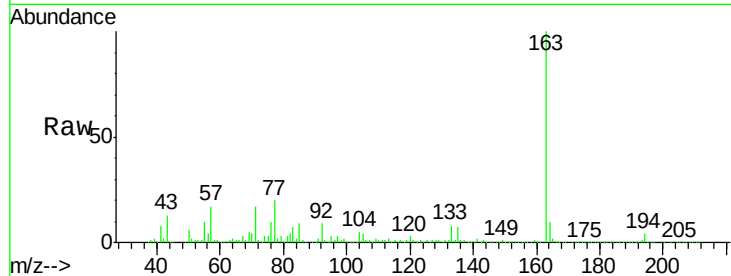
#49
Dimethylphthalate
Concen: 60.72 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	906741		
194	3.9		3.1	4.7
164	10.4		8.2	12.4

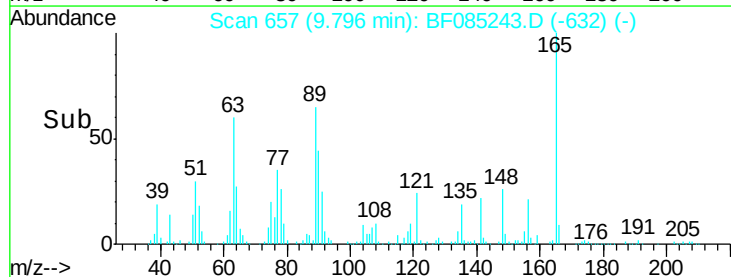
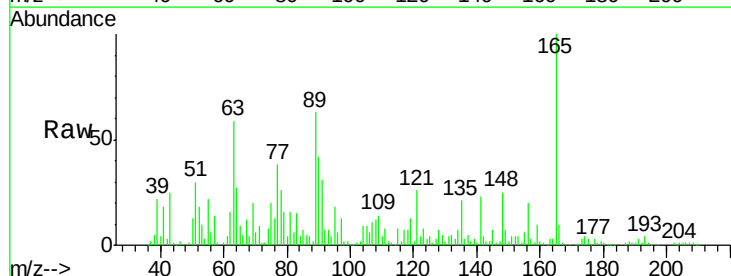
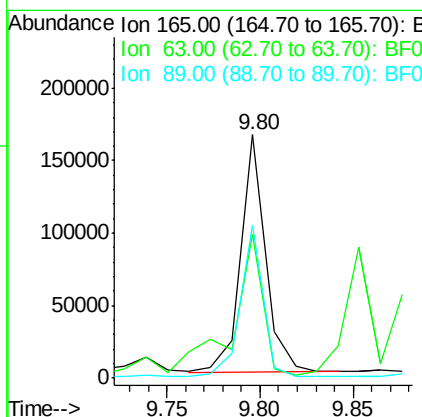
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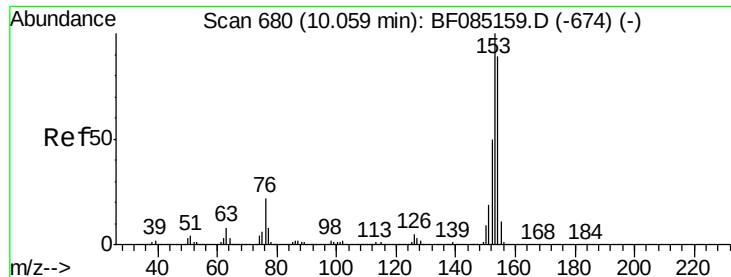
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#50
2,6-Dinitrotoluene
Concen: 47.32 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151179		
63	59.1		41.8	62.8
89	62.8		46.7	70.1





#51

Acenaphthene

Concen: 46.99 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

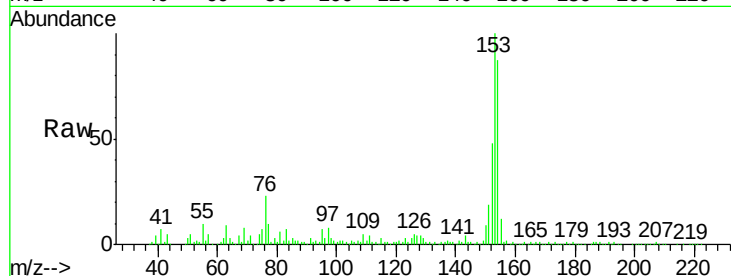
ClientSampleId :

SB-43(10-12)MS

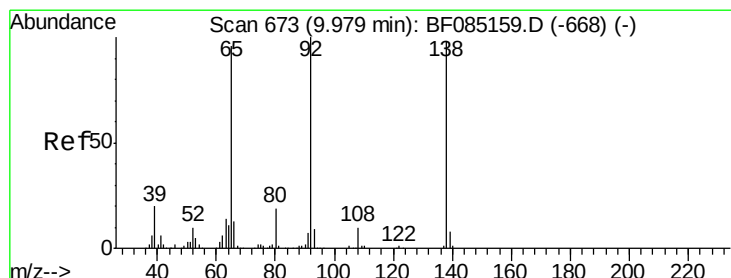
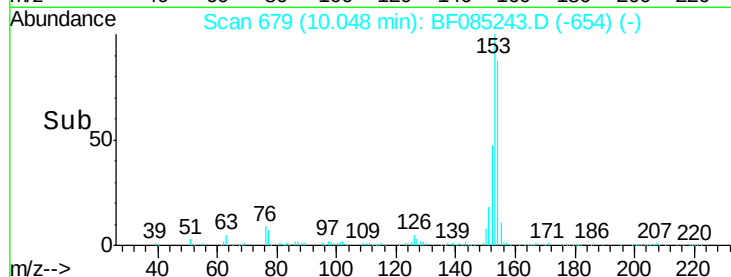
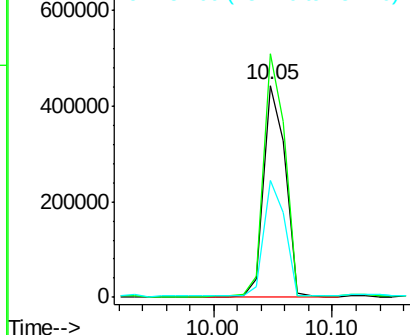
Tot Ion:	154	Resp:	562604
Ion Ratio	Lower	Upper	
154	100		
153	114.7	89.8	134.8
152	55.2	44.6	66.8

Manual Integrations
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3/7/2016 3:31:04 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.15 ng

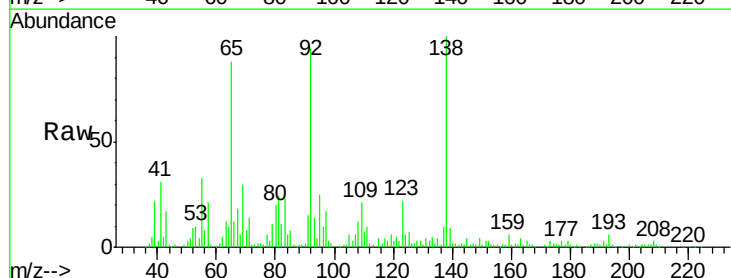
RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

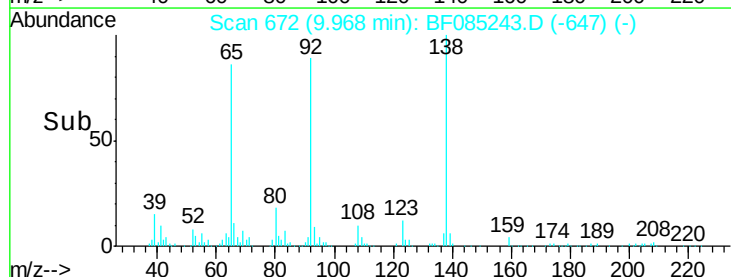
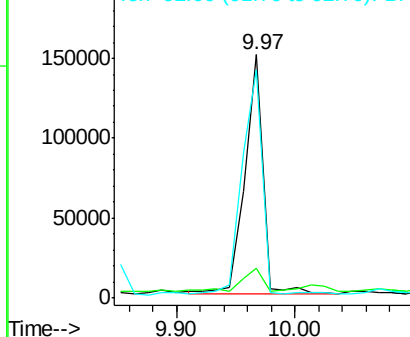
Lab File: BF085243.D

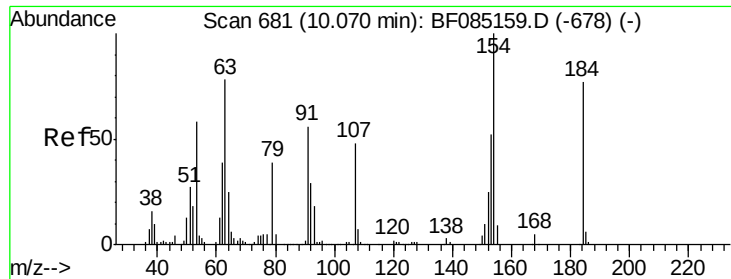
Acq: 5 Mar 2016 10:02

Tgt Ion:	138	Resp:	157273
Ion Ratio	Lower	Upper	
138	100		
108	12.5	7.8	11.6#
92	93.7	81.3	121.9



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





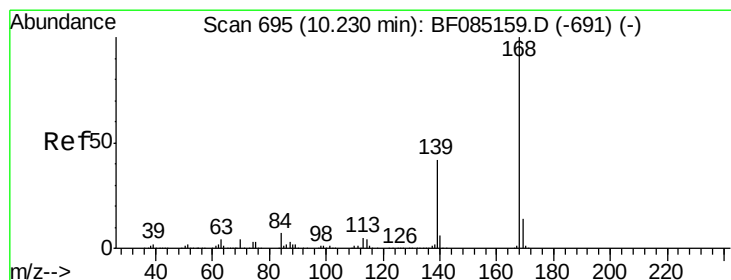
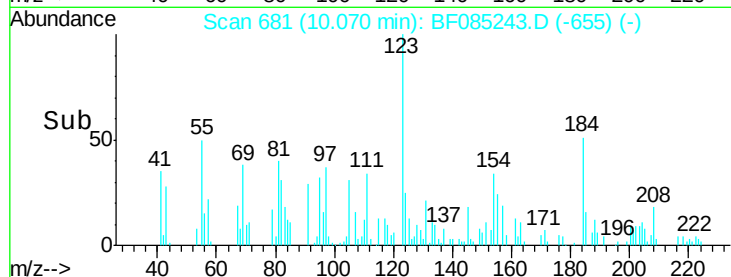
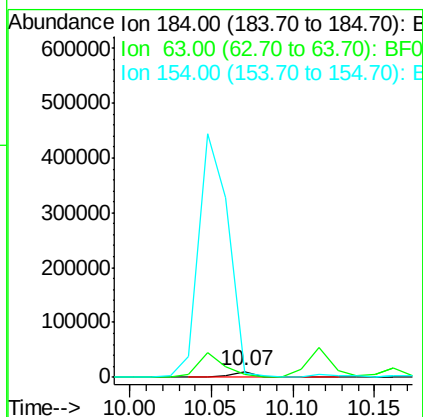
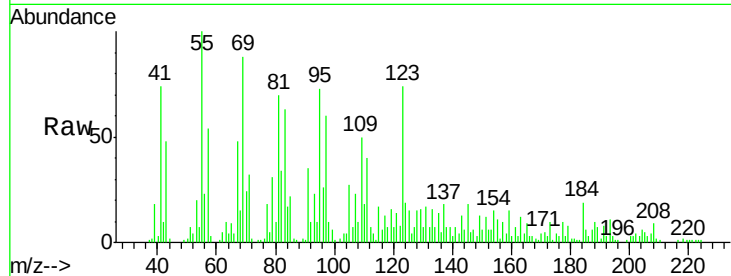
#53
2,4-Dinitrophenol
Concen: 13.91 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.7	82.2	123.4#
154	76.5	108.9	163.3#

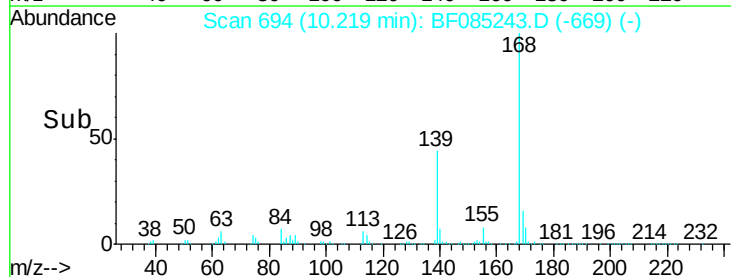
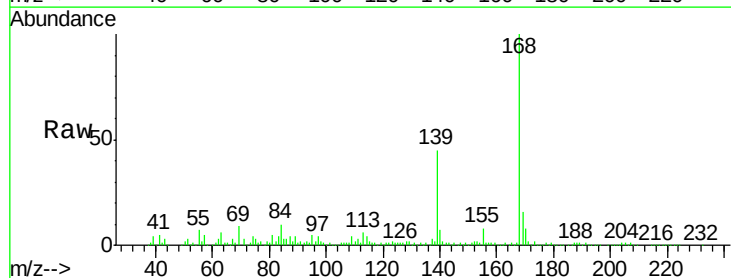
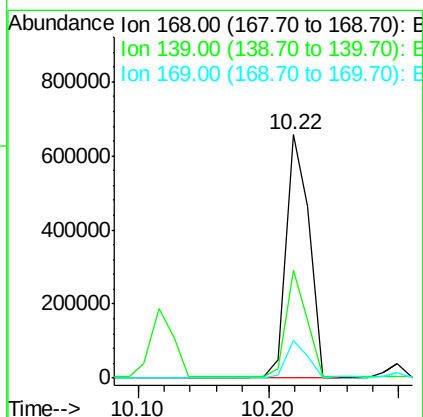
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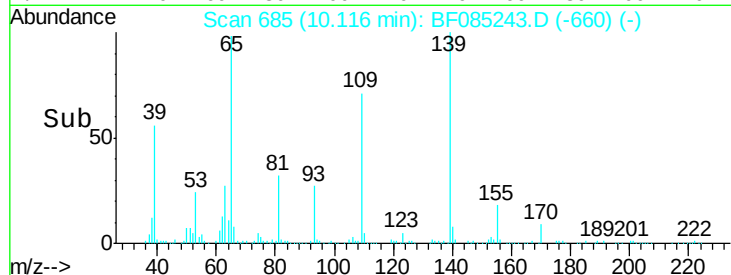
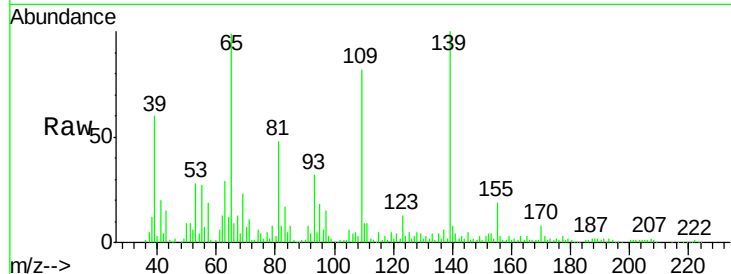
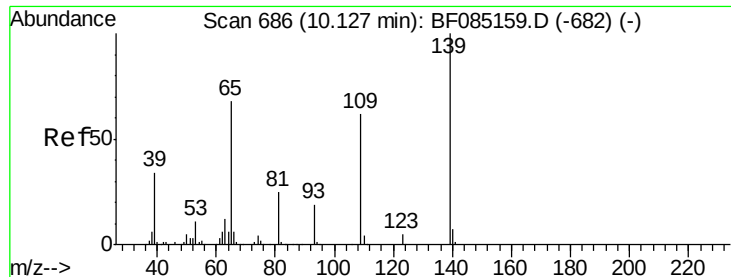
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#54
Dibenzofuran
Concen: 51.35 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.5	33.6	50.4
169	15.7	11.2	16.8





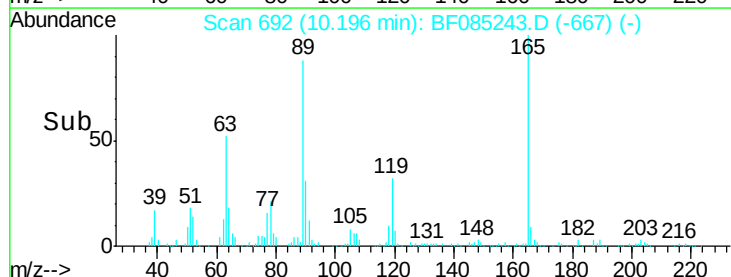
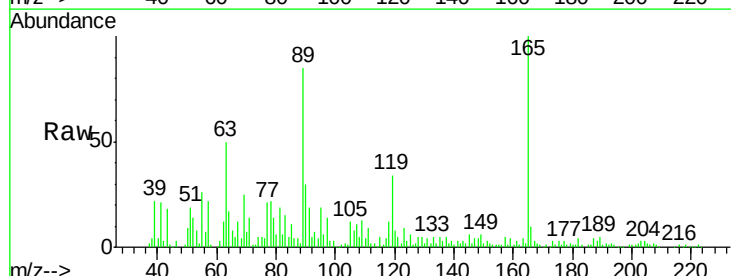
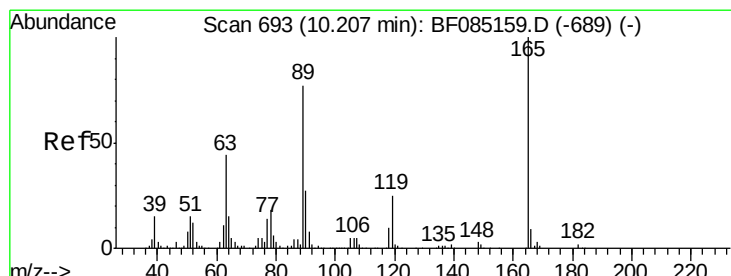
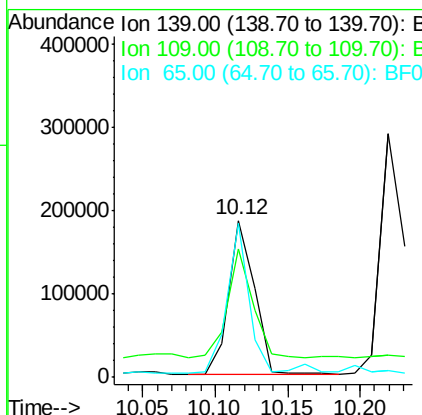
#55
4-Nitrophenol
Concen: 75.71 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	227407		
109	82.2	41.9	81.9#	
65	98.7	48.3	88.3#	

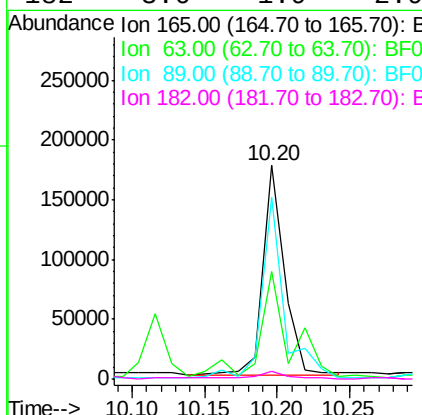
Manual Integrations
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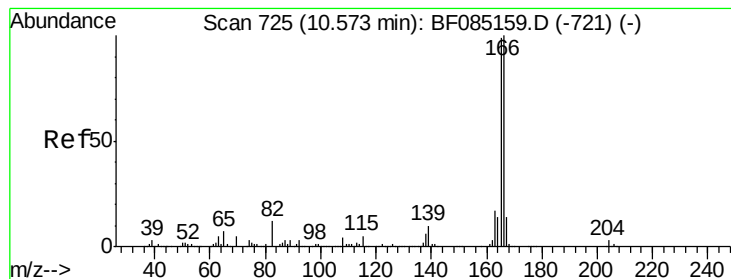
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#56
2,4-Dinitrotoluene
Concen: 44.08 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180228		
63	50.5	35.4	53.0	
89	85.4	61.9	92.9	
182	3.6	1.9	2.9#	





#57

Fluorene

Concen: 47.77 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

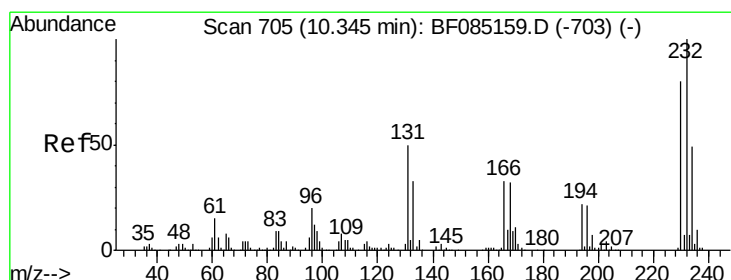
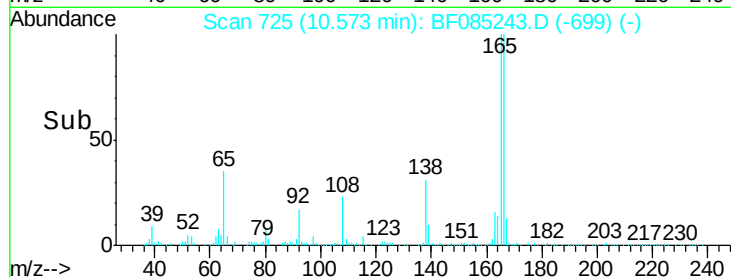
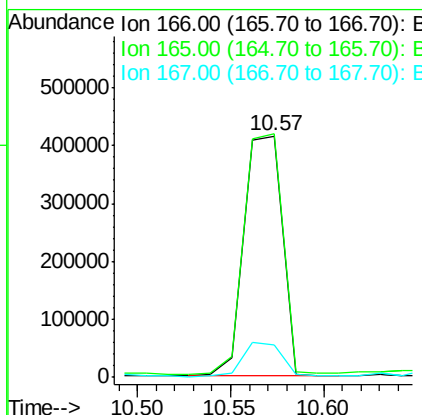
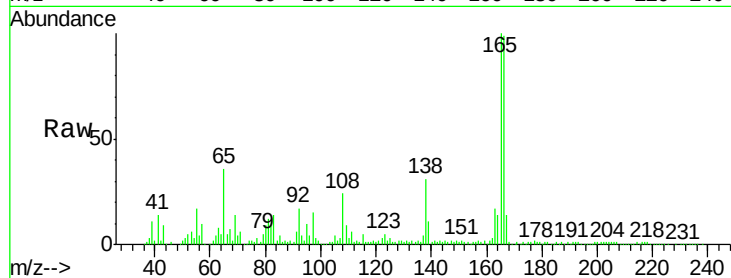
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	166	Resp:	588605
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.4	119.0
167	13.7	11.0	16.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.16 ng

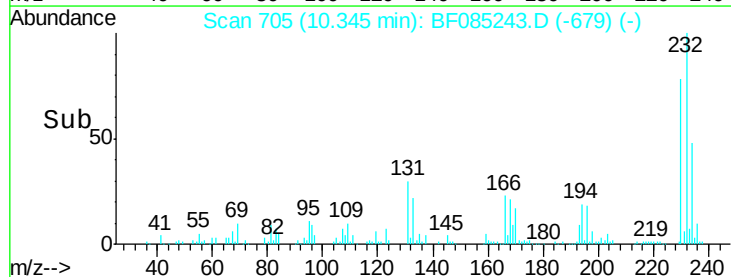
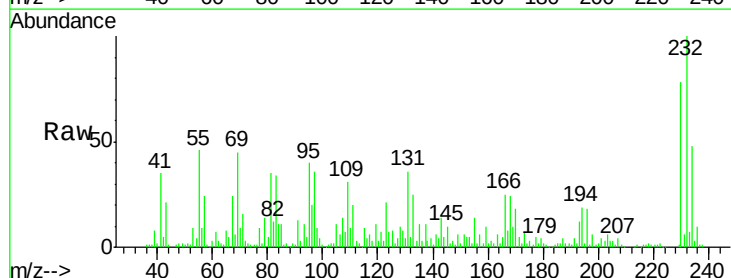
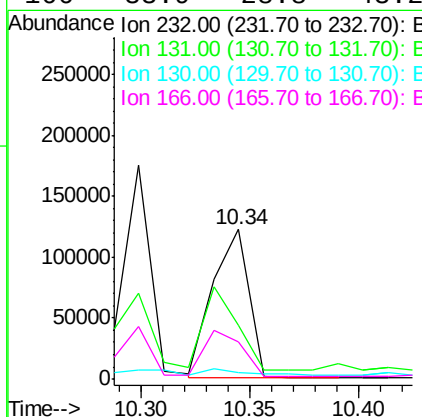
RT: 10.34 min Scan# 705

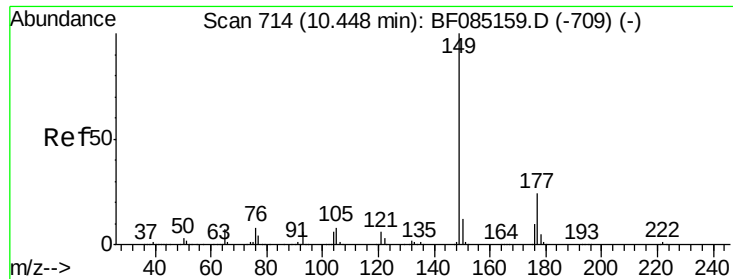
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	232	Resp:	141149
Ion Ratio	Lower	Upper	
232	100		
131	51.5	46.0	69.0
130	5.7	2.2	3.4#
166	33.9	28.8	43.2





#59

Diethylphthalate

Concen: 49.85 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

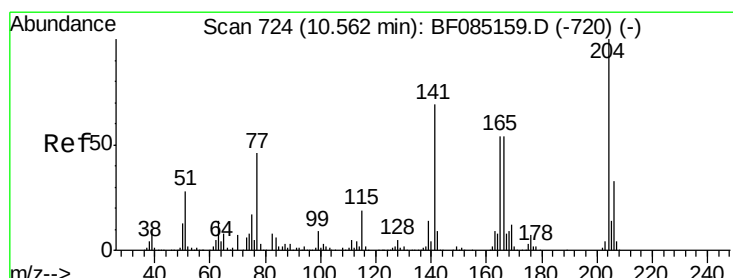
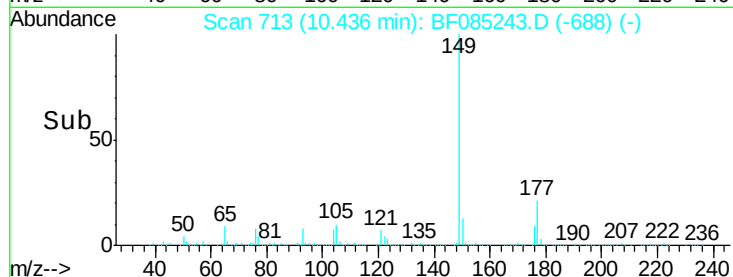
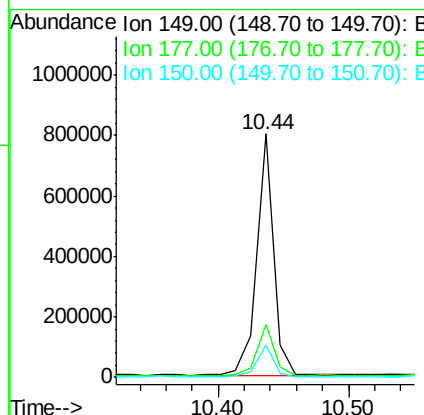
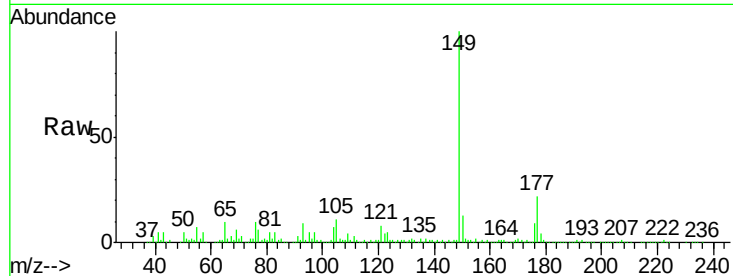
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	149	Resp:	722400
Ion Ratio	Lower	Upper	
149	100		
177	21.9	19.2	28.8
150	13.1	9.9	14.9

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#60

4-Chlorophenyl-phenylether

Concen: 51.99 ng

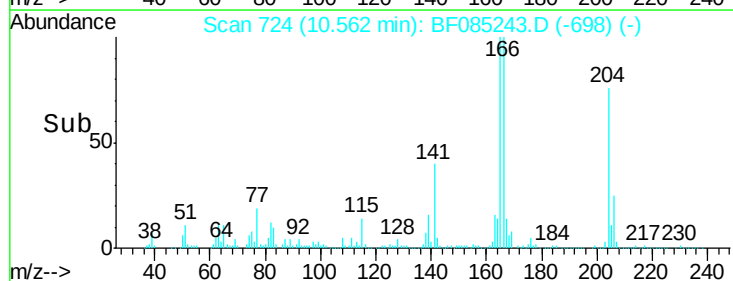
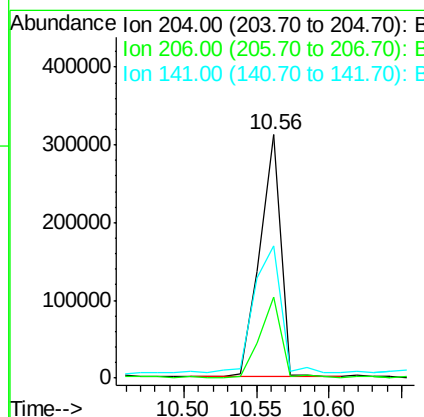
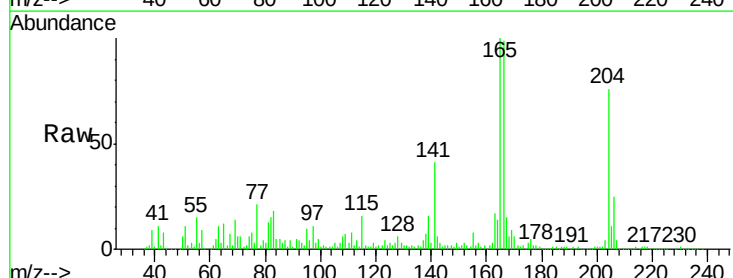
RT: 10.56 min Scan# 724

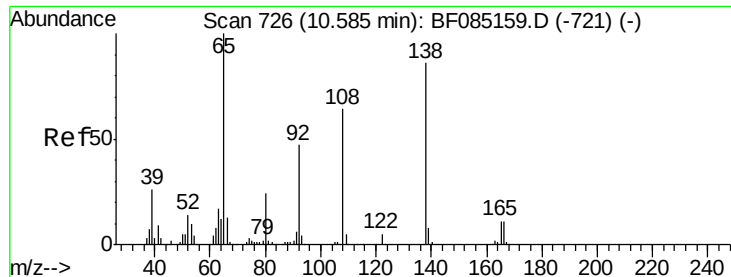
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	204	Resp:	311674
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	54.5	55.4	83.2#





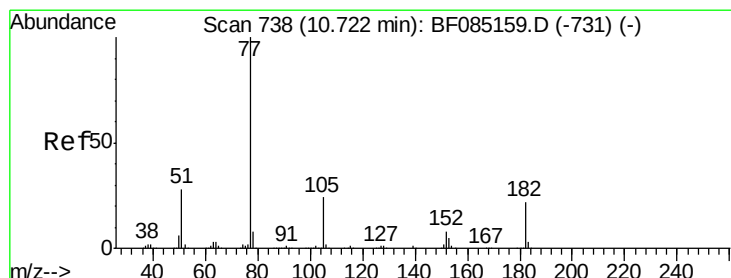
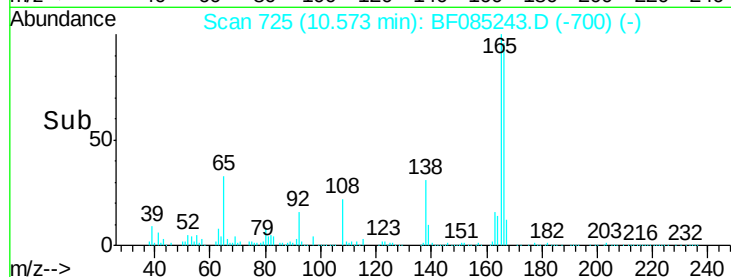
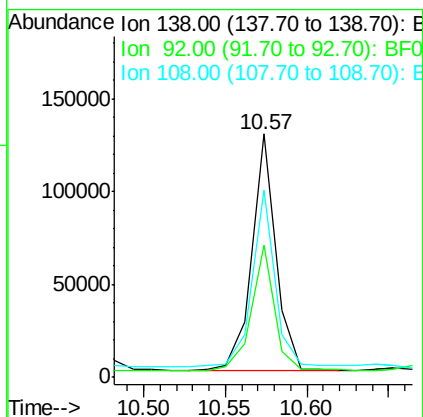
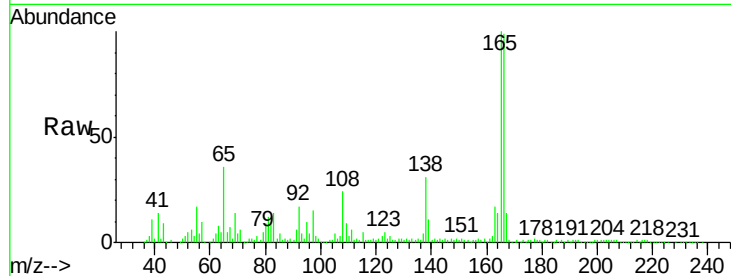
#61
4-Nitroaniline
Concen: 36.72 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.3	34.2	74.2	
108	76.8	53.9	93.9	

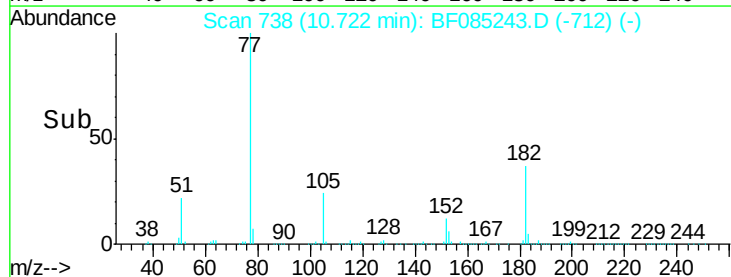
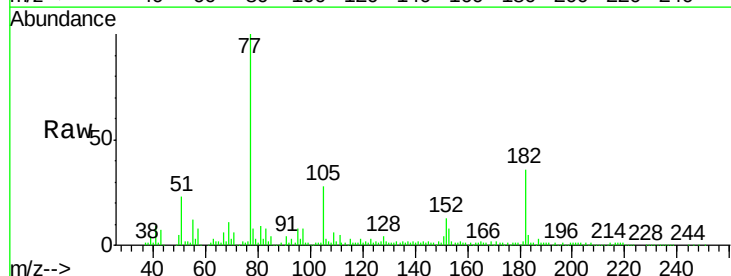
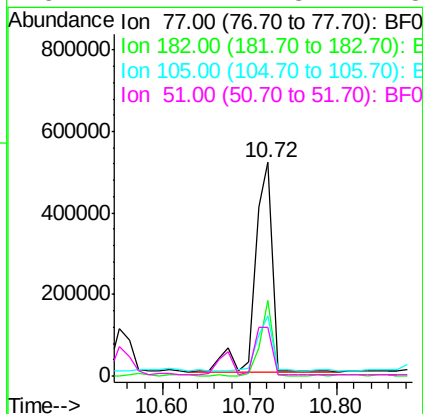
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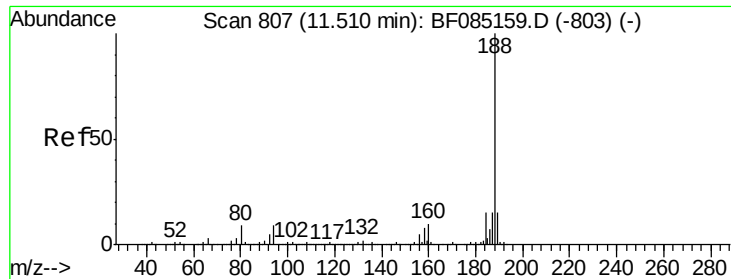
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3/7/2016 3:31:04 PM



#62
Azobenzene
Concen: 50.35 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	35.6	2.1	42.1	
105	28.3	3.8	43.8	
51	22.7	7.8	47.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

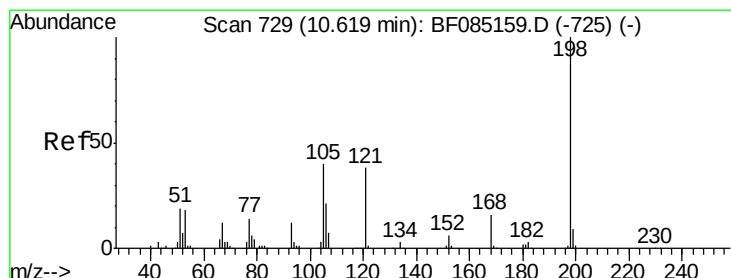
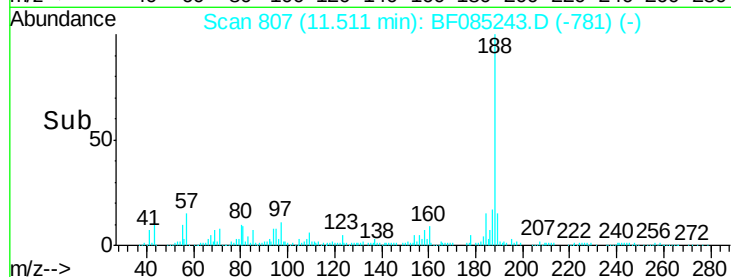
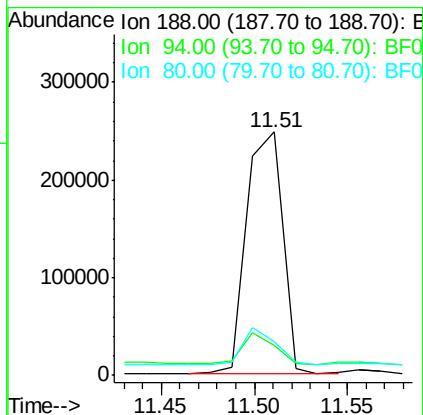
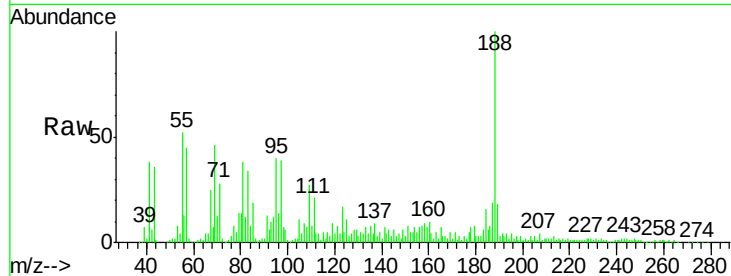
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	188	Resp:	331185
Ion Ratio	Lower	Upper	
188	100		
94	12.1	7.0	10.6#
80	14.0	7.4	11.0#

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#64

4,6-Dinitro-2-methylphenol

Concen: 9.95 ng

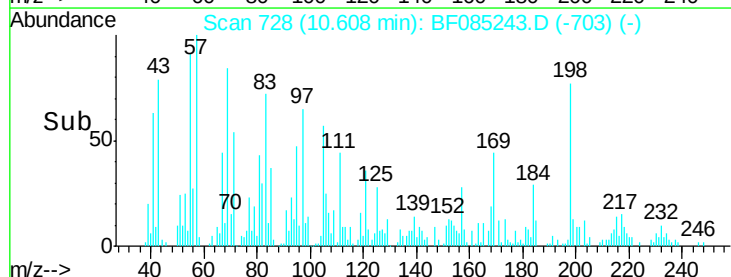
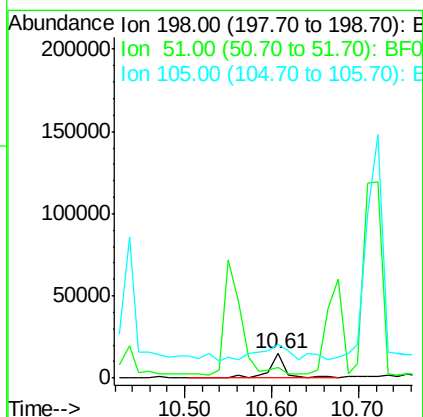
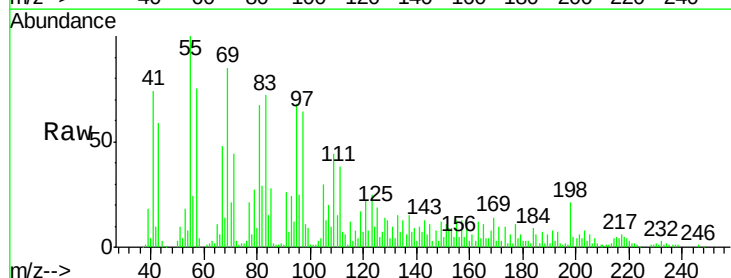
RT: 10.61 min Scan# 728

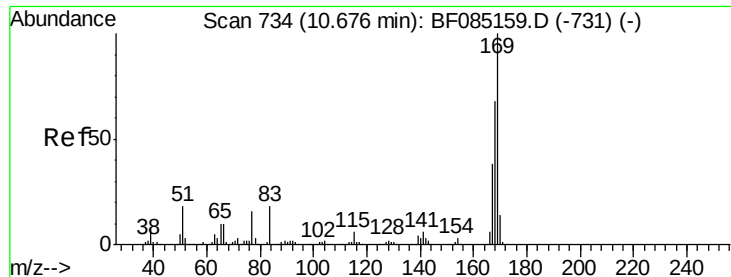
Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	198	Resp:	19729
Ion Ratio	Lower	Upper	
198	100		
51	45.5	9.5	49.5
105	138.4	20.5	60.5#





#65

n-Nitrosodiphenylamine

Concen: 57.35 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

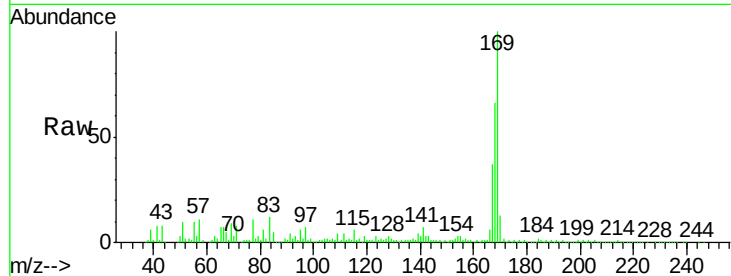
ClientSampleId :

SB-43(10-12)MS

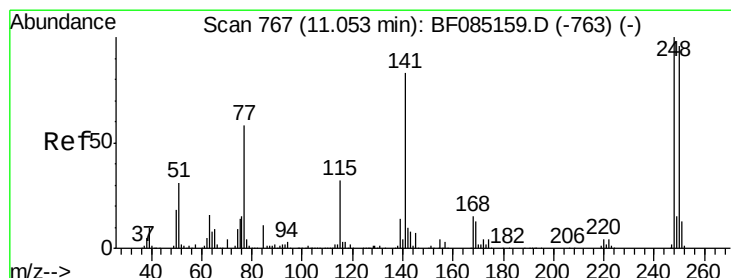
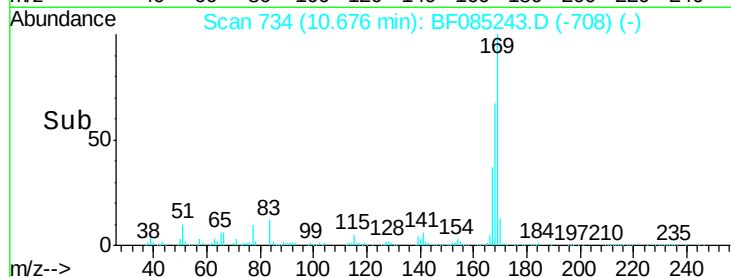
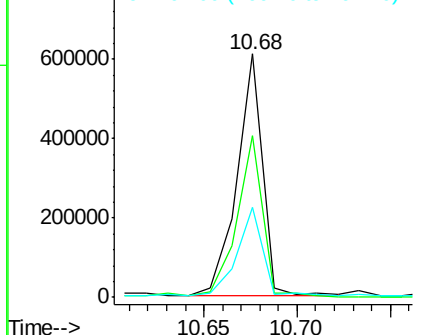
Tot Ion:	169	Resp:	590757
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.8	82.2
167	37.0	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 59.81 ng

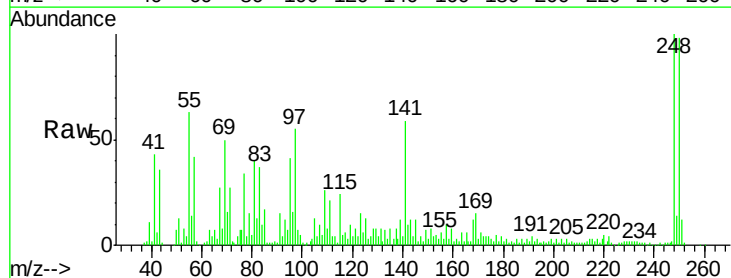
RT: 11.05 min Scan# 767

Delta R.T. 0.00 min

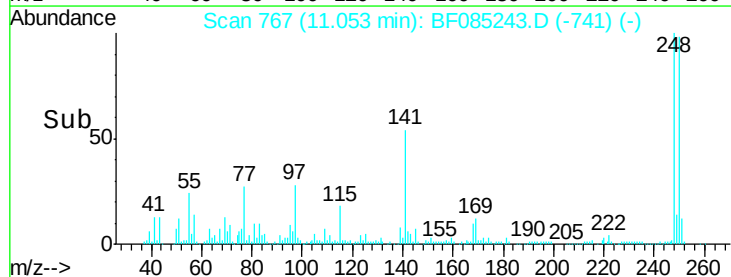
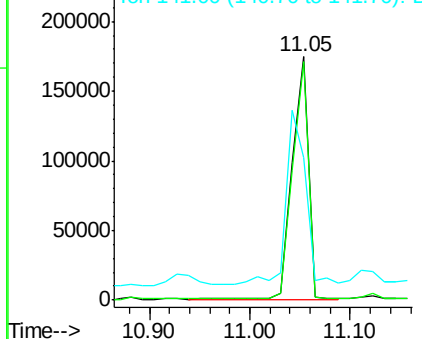
Lab File: BF085243.D

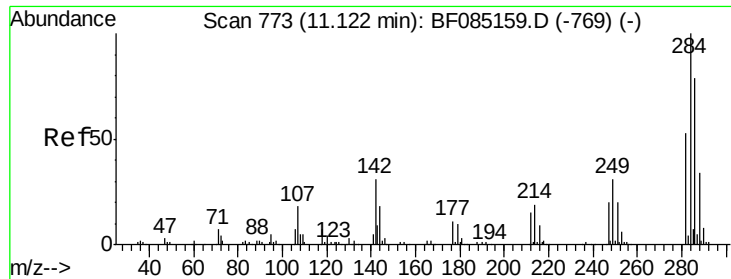
Acq: 5 Mar 2016 10:02

Tgt Ion:	248	Resp:	192322
Ion Ratio	Lower	Upper	
248	100		
250	97.7	77.1	115.7
141	58.6	66.2	99.2#



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





#67

Hexachlorobenzene

Concen: 56.10 ng

RT: 11.12 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

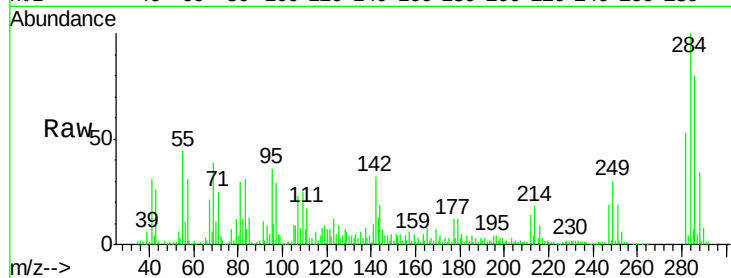
ClientSampleId :

SB-43(10-12)MS

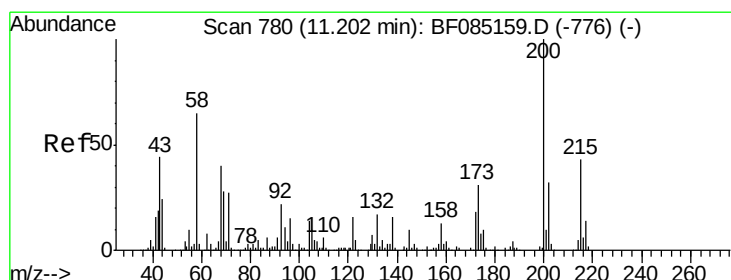
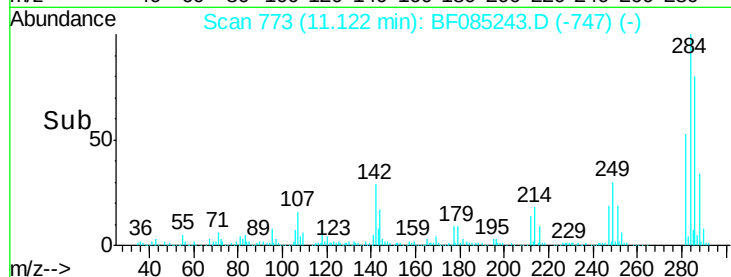
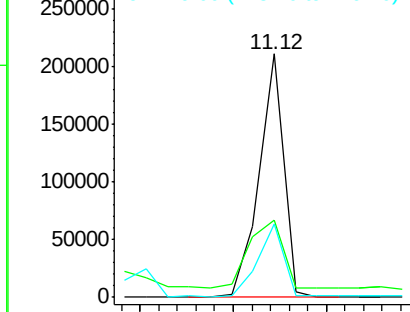
Tot Ion:	284	Resp:	192462
Ion Ratio	Lower	Upper	
284	100		
142	31.6	24.9	37.3
249	30.2	25.0	37.4

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



#68

Atrazine

Concen: 64.40 ng

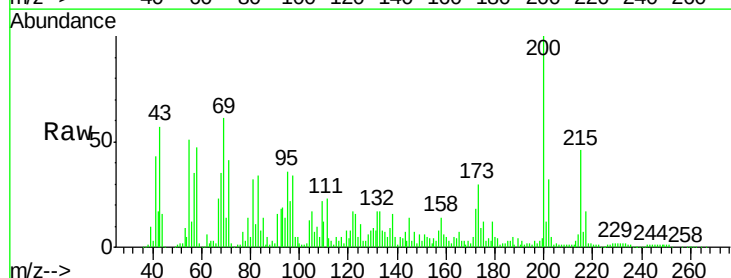
RT: 11.20 min Scan# 780

Delta R.T. 0.00 min

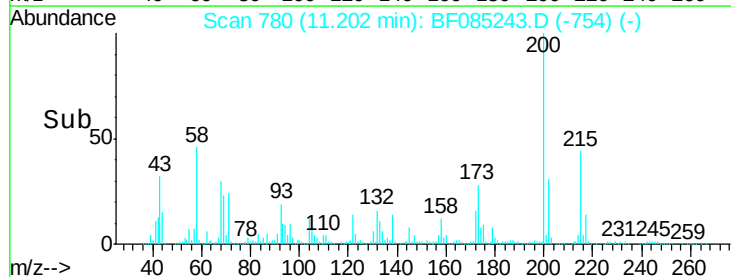
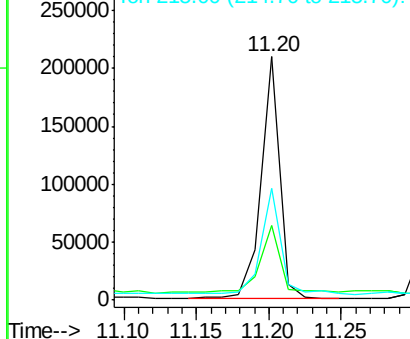
Lab File: BF085243.D

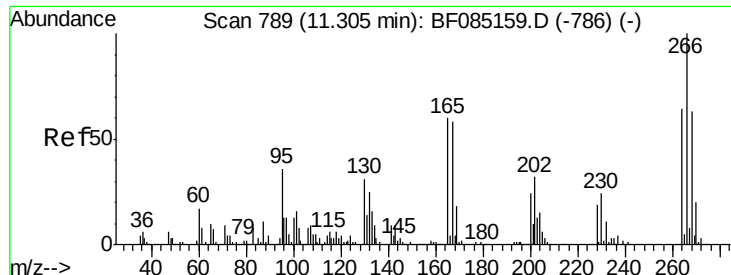
Acq: 5 Mar 2016 10:02

Tgt Ion:	200	Resp:	184495
Ion Ratio	Lower	Upper	
200	100		
173	30.5	10.5	50.5
215	45.9	23.4	63.4



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





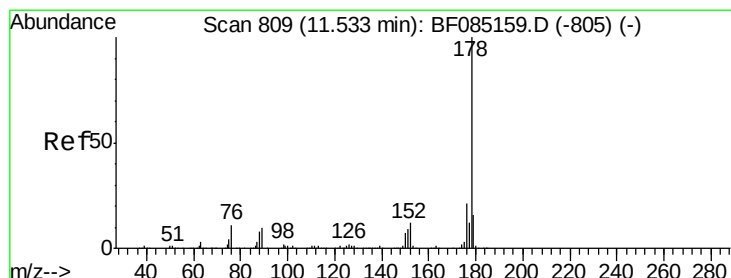
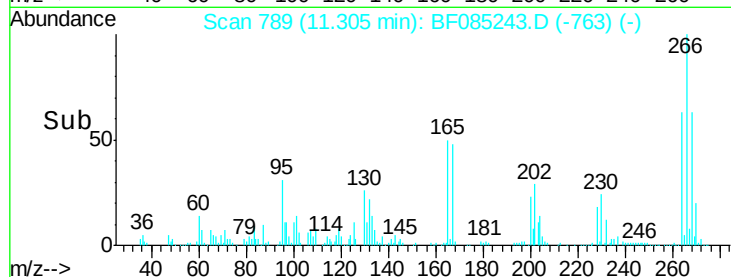
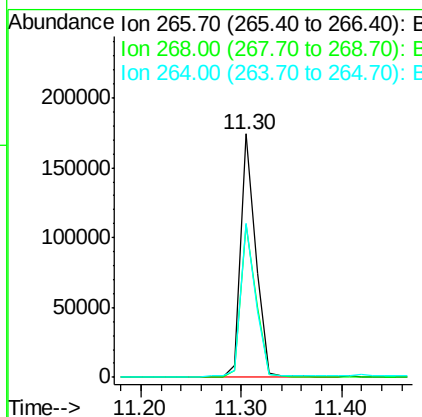
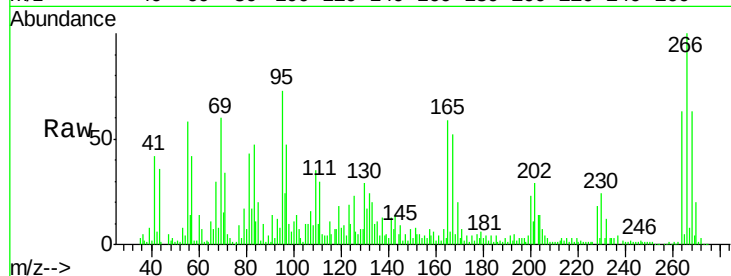
#69
 Pentachlorophenol
 Concen: 96.02 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182849		
268	62.8	50.0	75.0	
264	63.2	51.4	77.2	

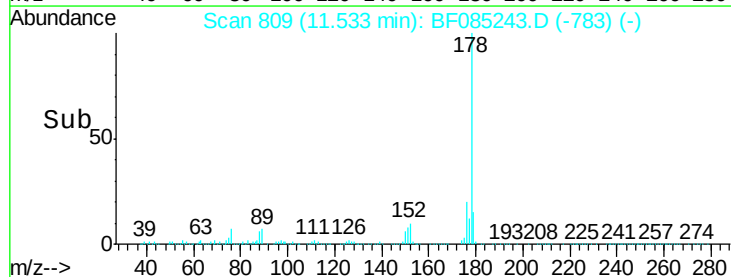
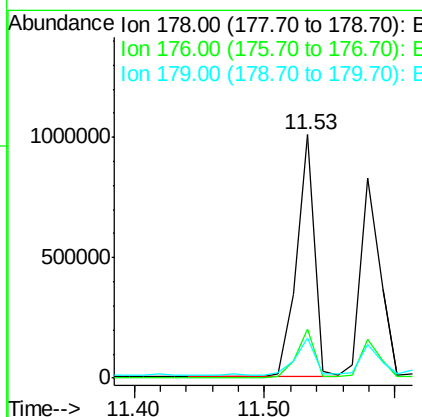
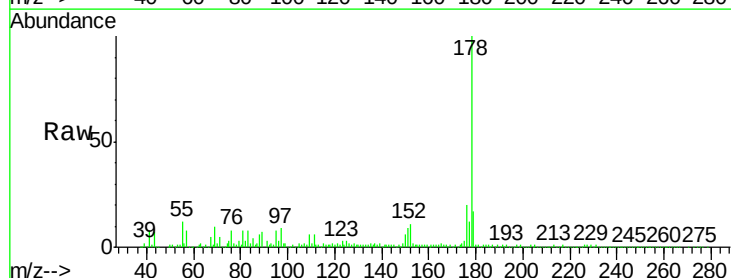
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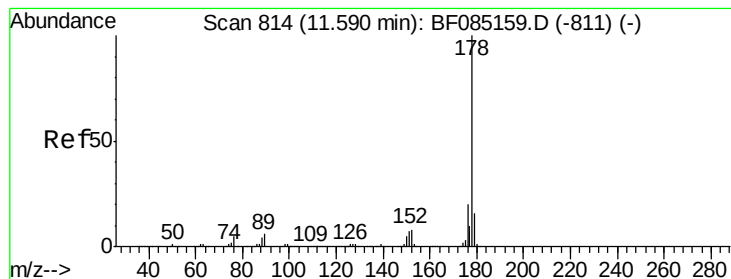
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#70
 Phenanthrene
 Concen: 54.99 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	954398		
176	20.3	16.8	25.2	
179	16.6	13.1	19.7	





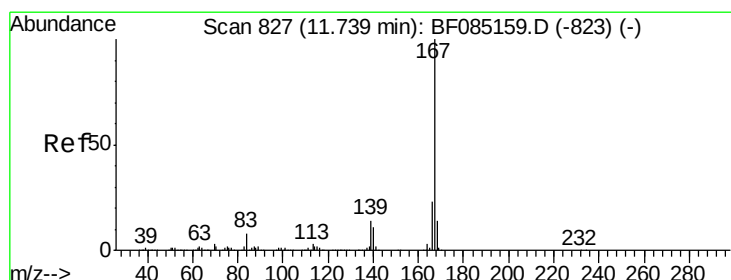
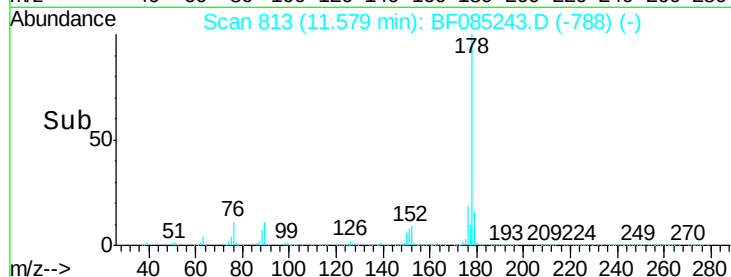
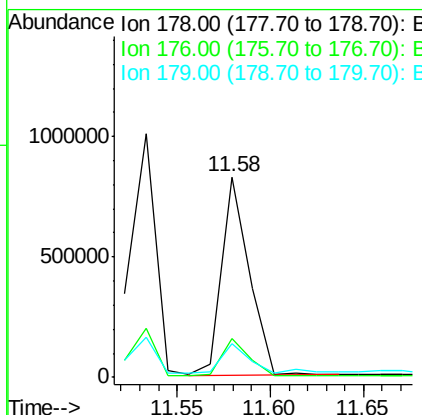
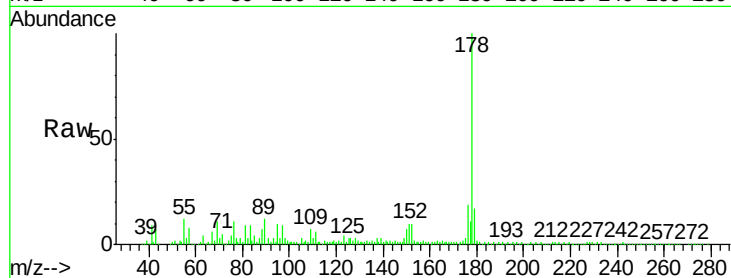
#71
 Anthracene
 Concen: 46.24 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.8	12.5	18.7

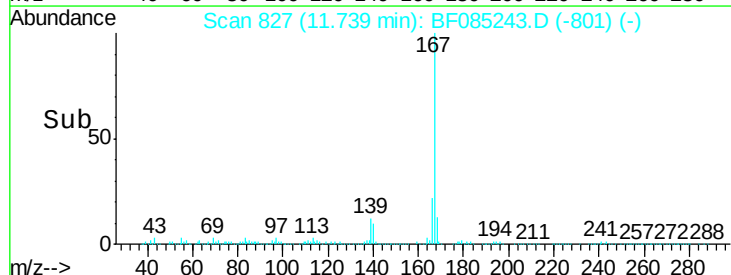
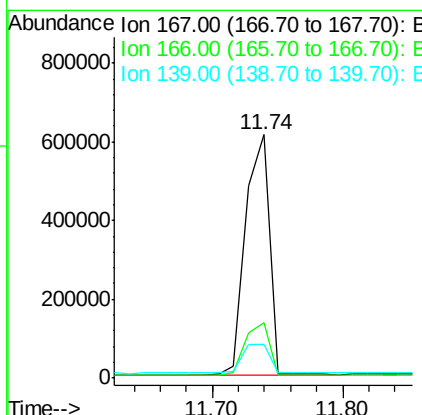
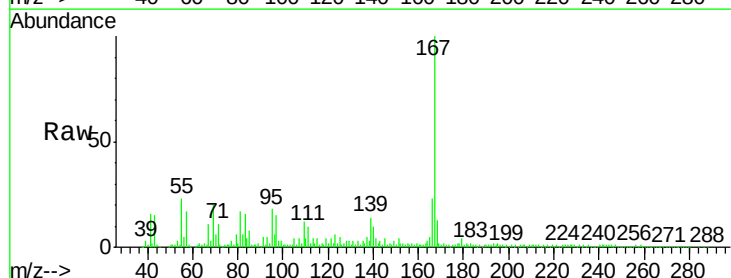
Manual Integrations
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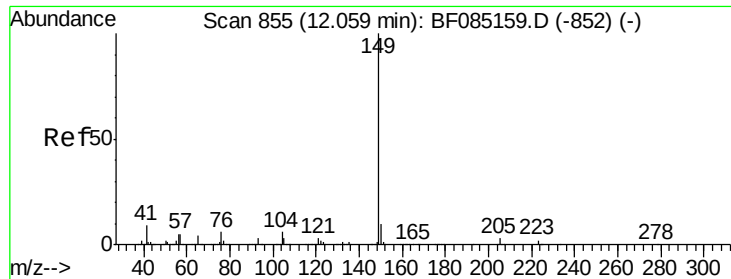
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#72
 Carbazole
 Concen: 47.96 ng
 RT: 11.74 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	14.0	11.4	17.0





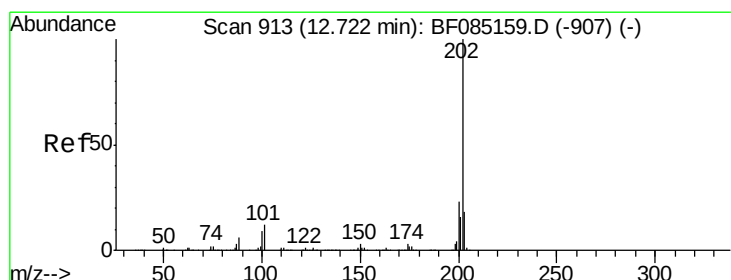
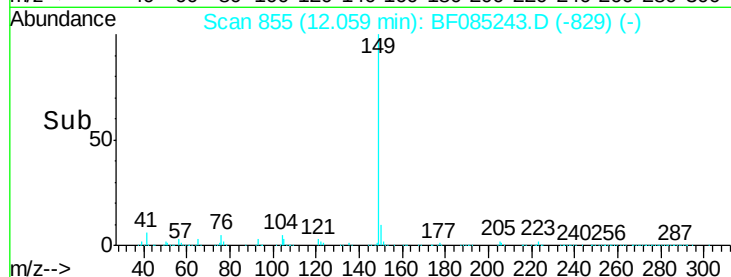
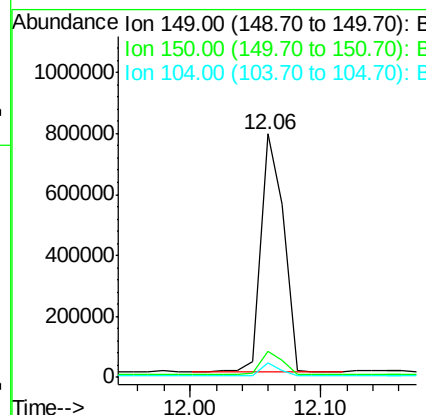
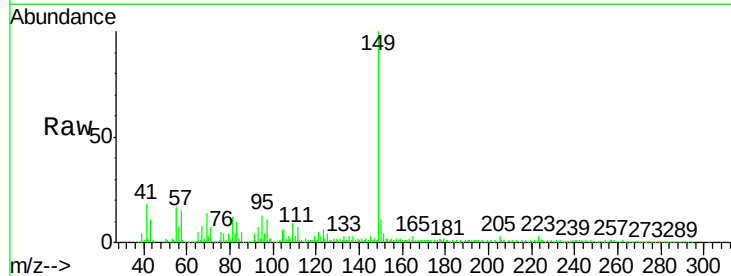
#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.6
104	5.7	4.7	7.1

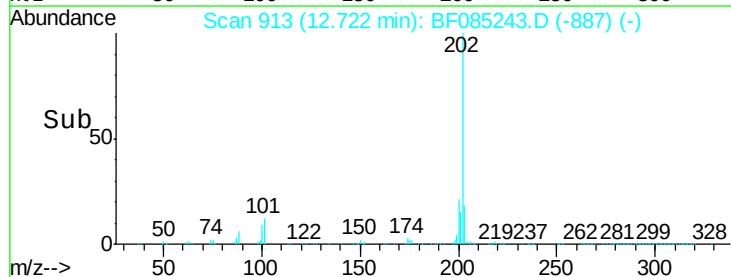
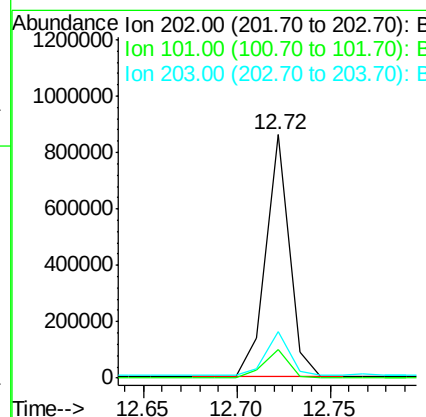
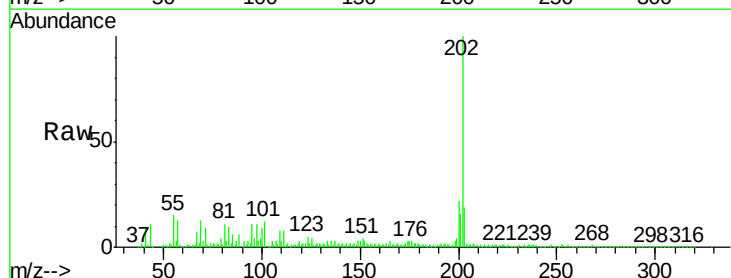
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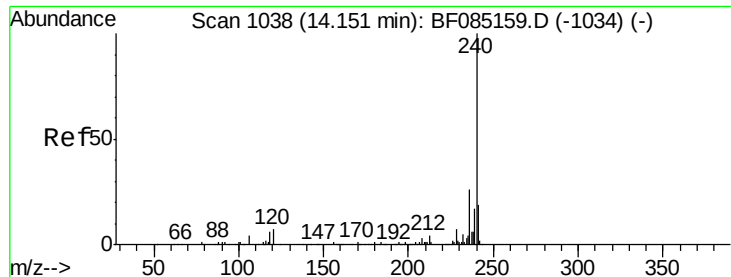
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#74
Fluoranthene
Concen: 42.79 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	18.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

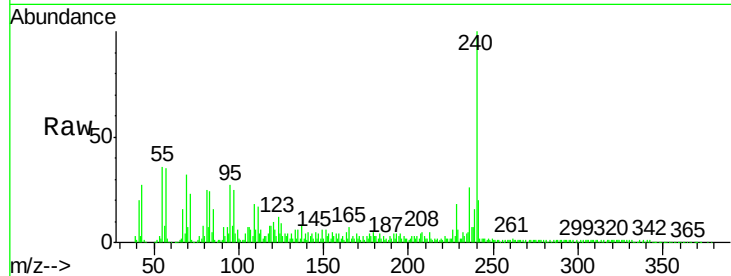
ClientSampleId :

SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.3	7.9#
236	26.5	20.7	31.1

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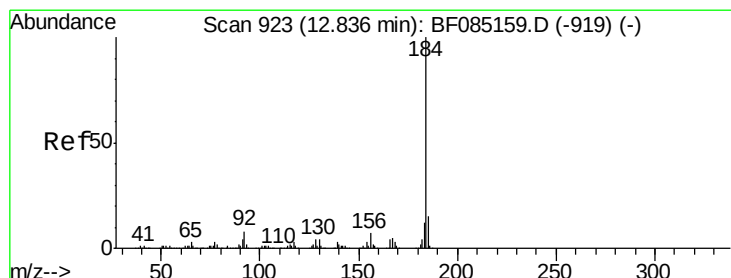
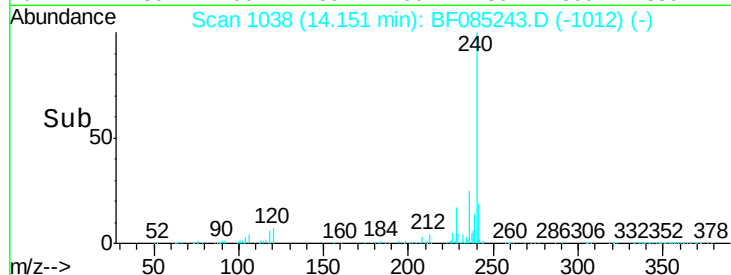
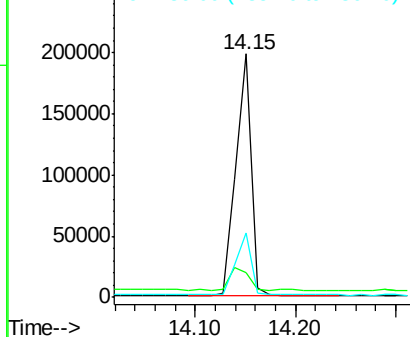


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.81 ng

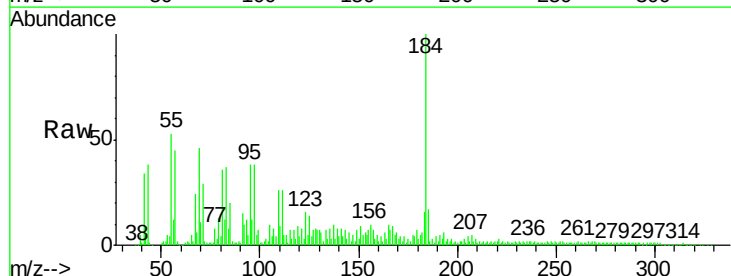
RT: 12.84 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.4	18.6
183	16.2	9.4	14.2#

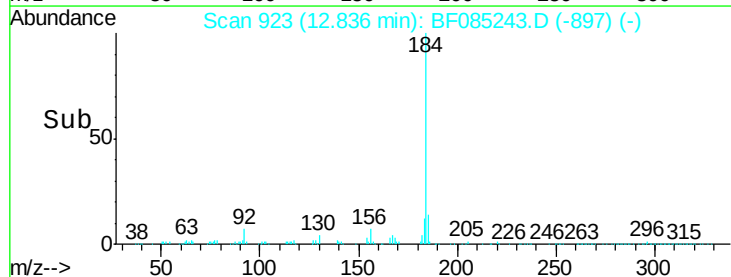
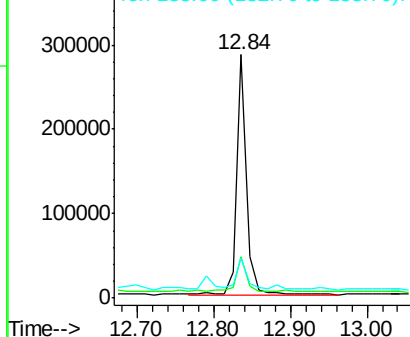


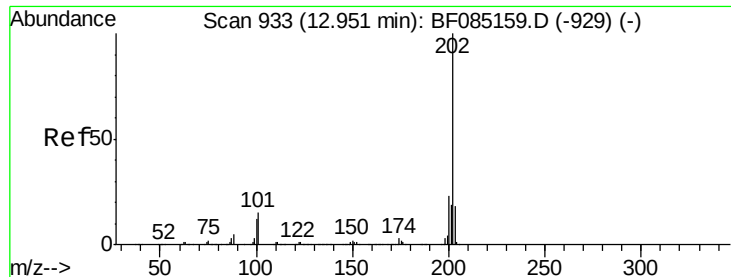
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.17 ng

RT: 12.95 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

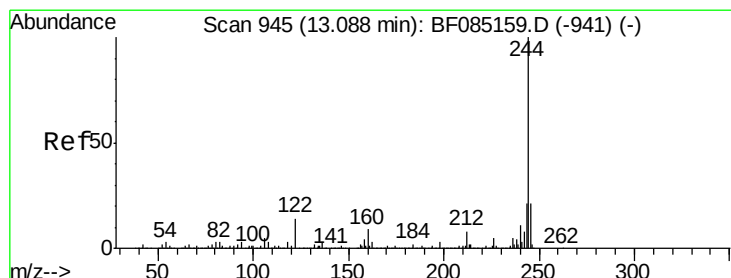
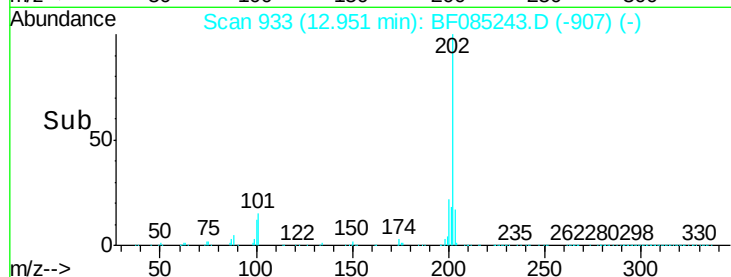
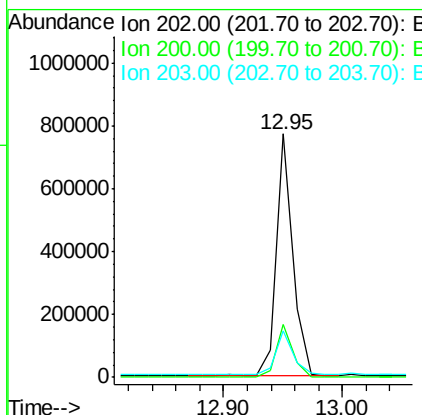
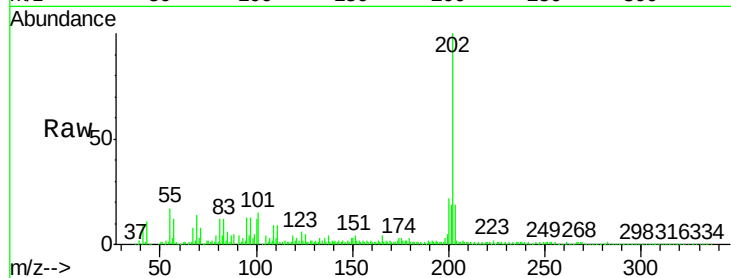
ClientSampleId :

SB-43(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		738931		
200	21.9	18.2	27.4		
203	18.9	14.7	22.1		

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3/7/2016 3:31:04 PM



#78

Terphenyl-d14

Concen: 94.32 ng

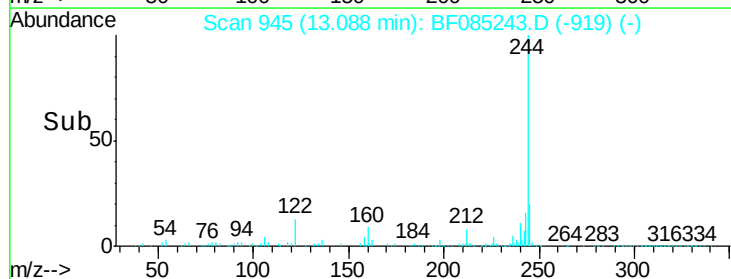
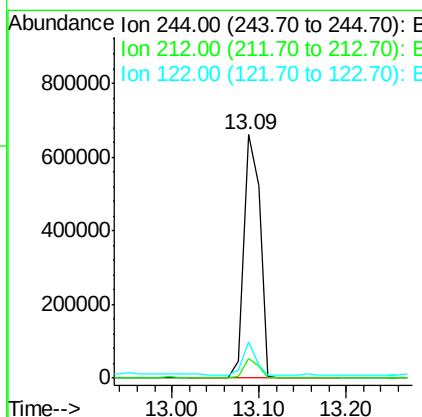
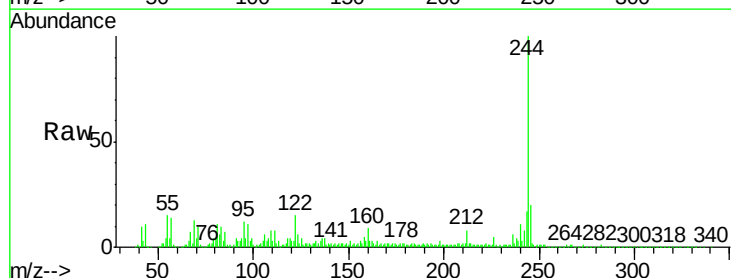
RT: 13.09 min Scan# 945

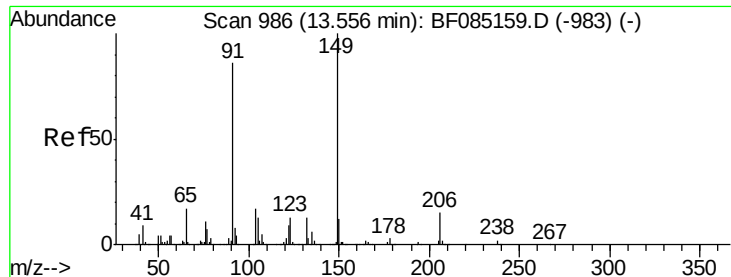
Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		845676		
212	7.9	6.4	9.6		
122	15.0	11.4	17.2		





#79

Butylbenzylphthalate

Concen: 45.49 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

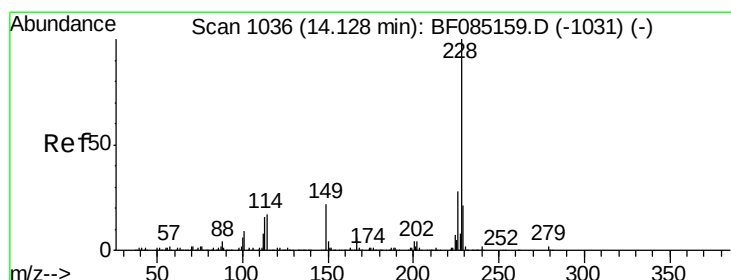
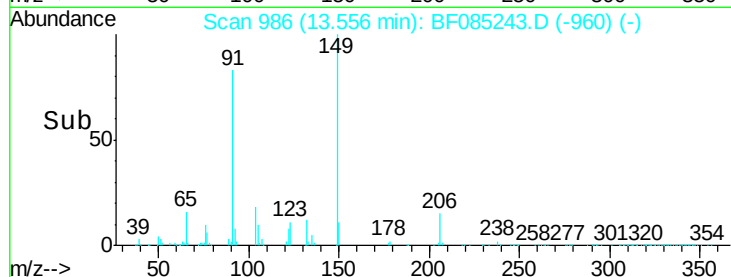
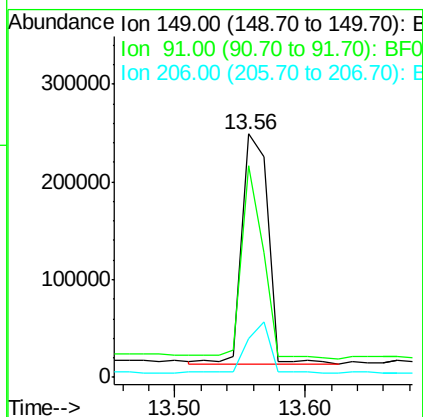
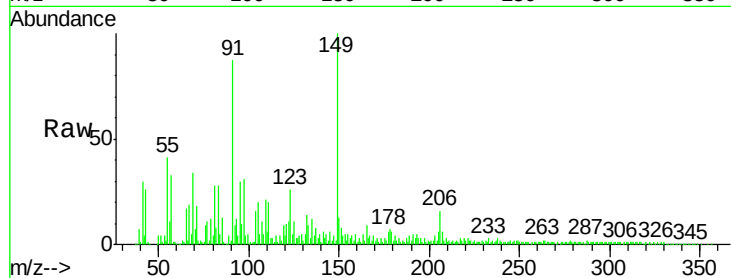
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	149	Resp:	323335
Ion Ratio	Lower	Upper	
149	100		
91	86.7	69.0	103.4
206	16.0	12.3	18.5

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#80

Benzo(a)anthracene

Concen: 50.96 ng

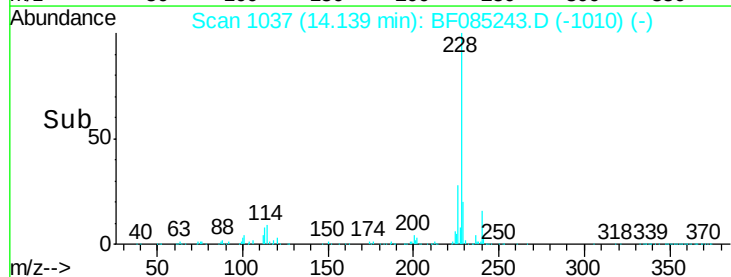
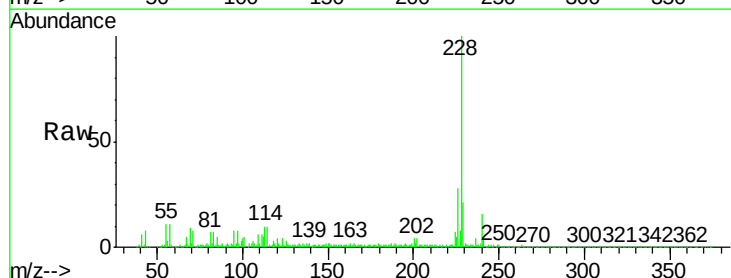
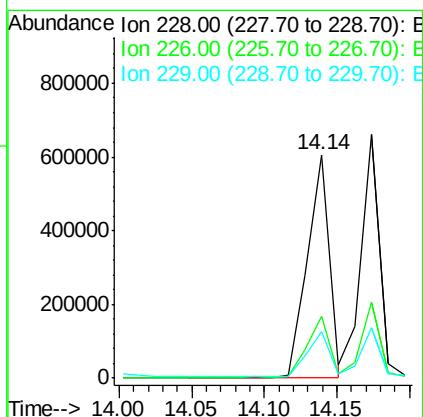
RT: 14.14 min Scan# 1037

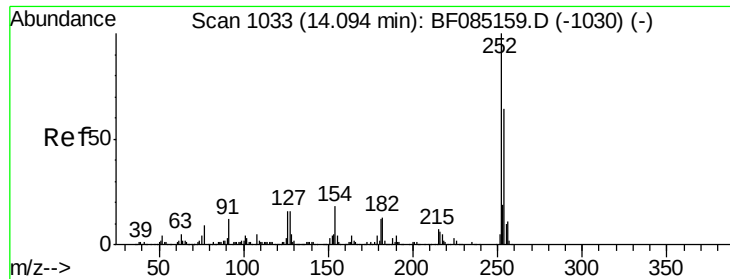
Delta R.T. 0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	228	Resp:	634975
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.8	34.2
229	20.8	16.6	24.8





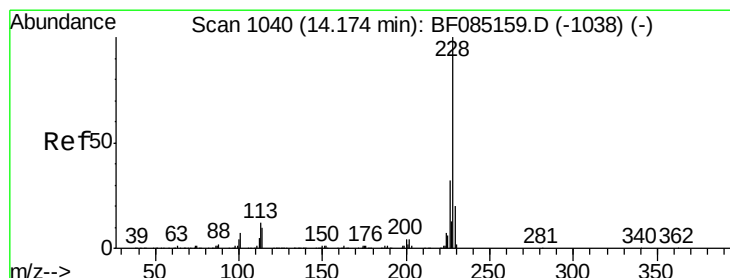
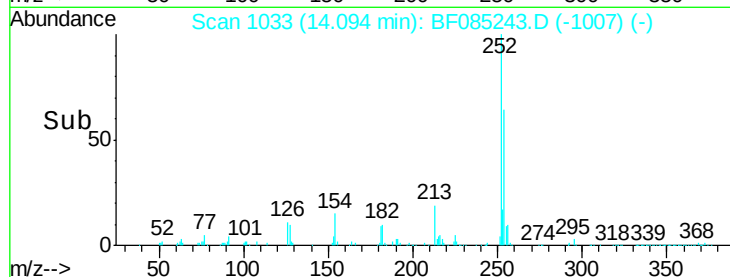
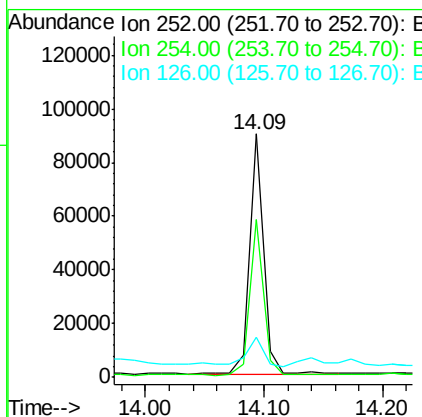
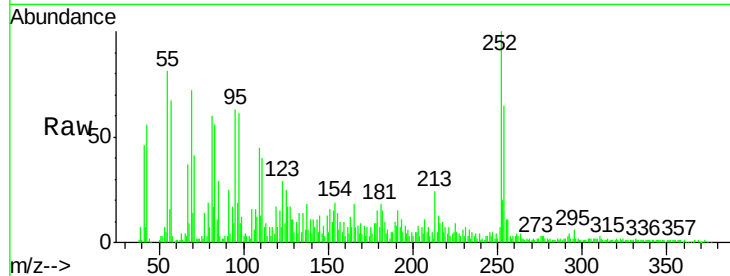
#81
 3,3'-Dichlorobenzidine
 Concen: 18.84 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.0
126	16.7	12.9	19.3

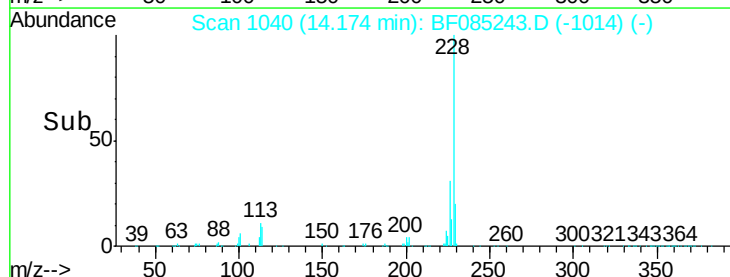
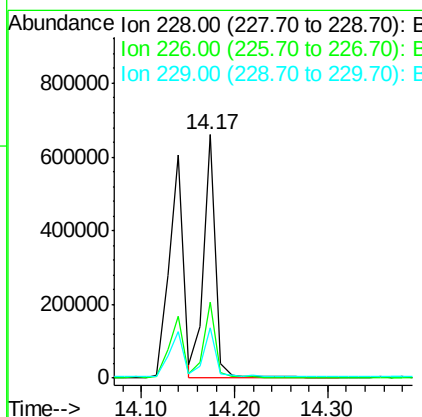
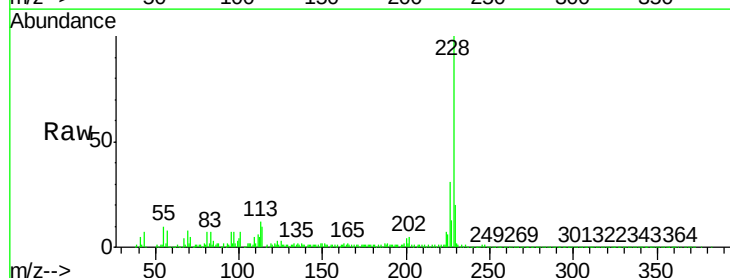
Manual Integrations
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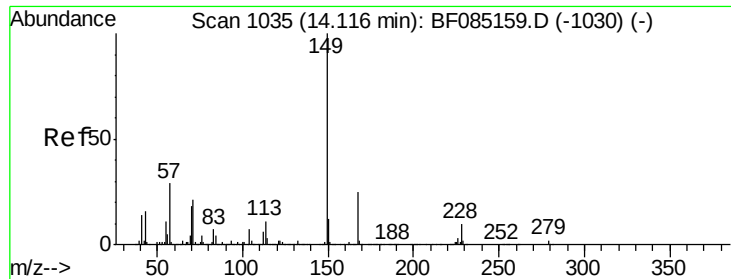
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#82
 Chrysene
 Concen: 50.61 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085243.D
 Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.2	37.8
229	20.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.12 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

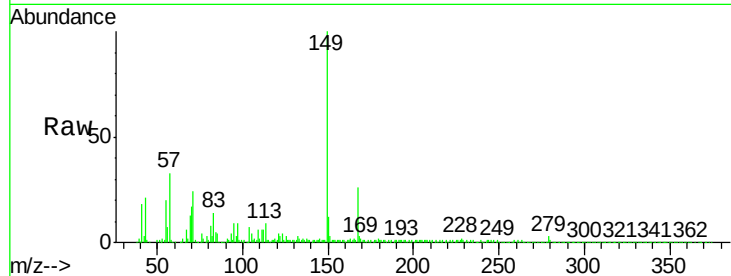
ClientSampleId :

SB-43(10-12)MS

Tot Ion:	149	Resp:	459481
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.3	30.5
279	3.0	1.9	2.9#

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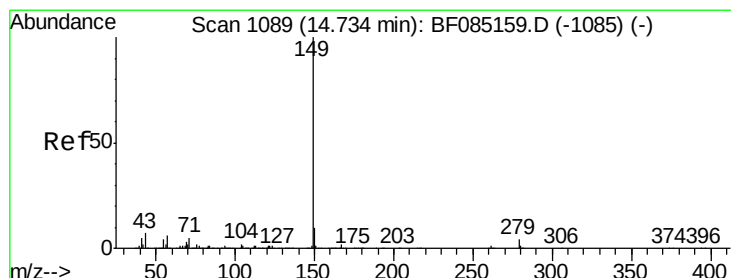
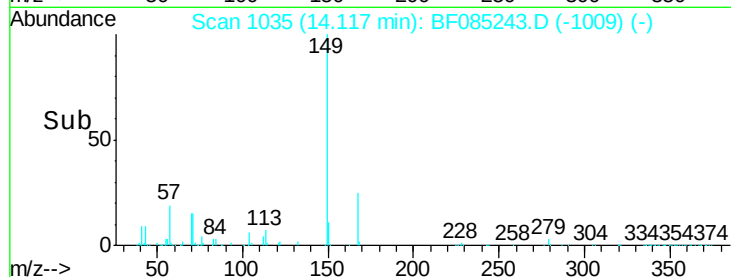
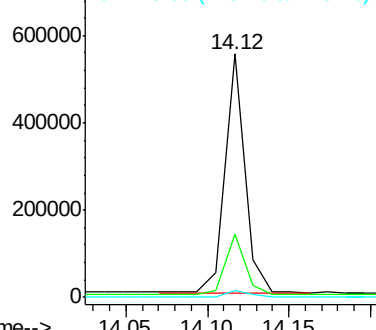
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.83 ng

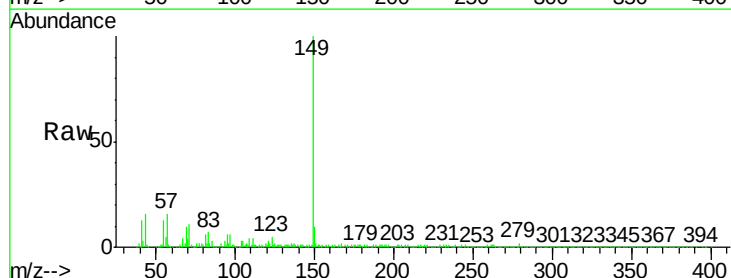
RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

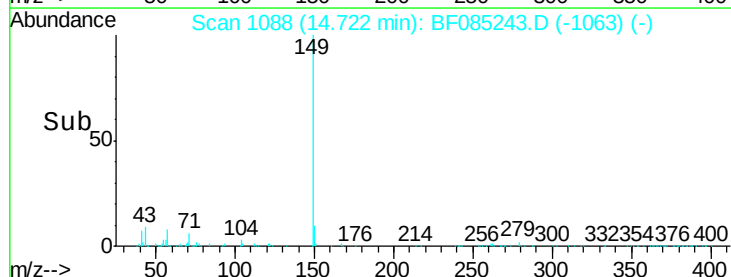
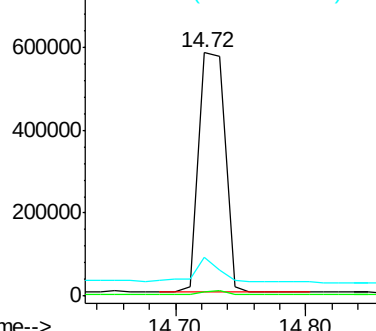
Tgt Ion:	149	Resp:	809577
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	14.9	7.8	11.8#

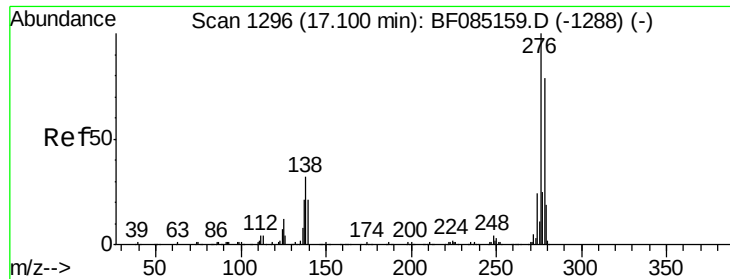


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





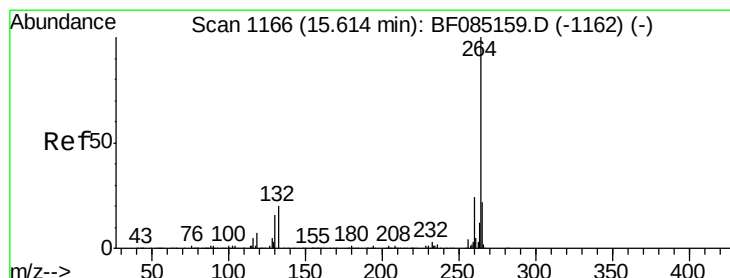
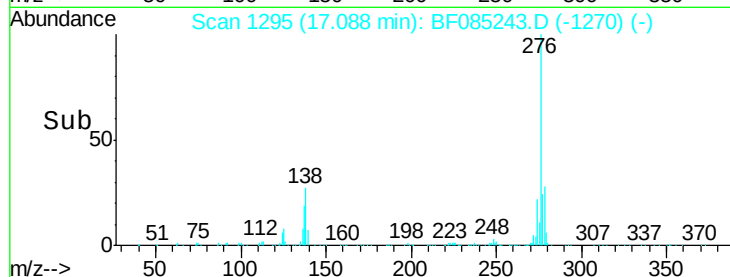
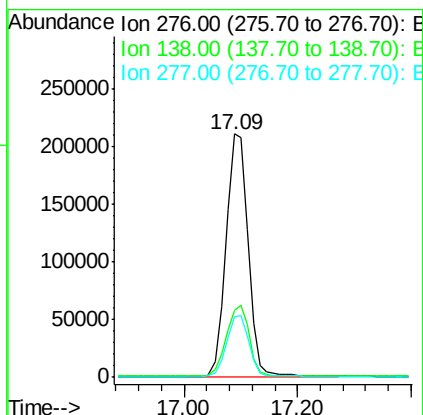
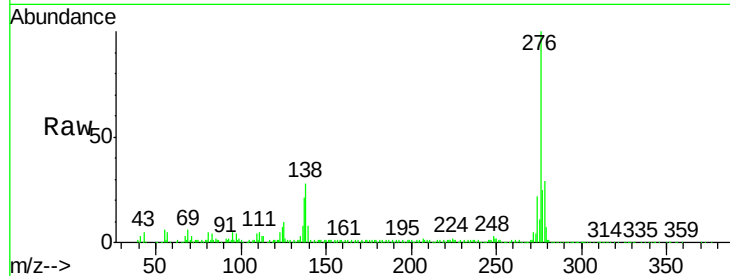
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.37 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	26.4	39.6
277	25.3	20.2	30.2

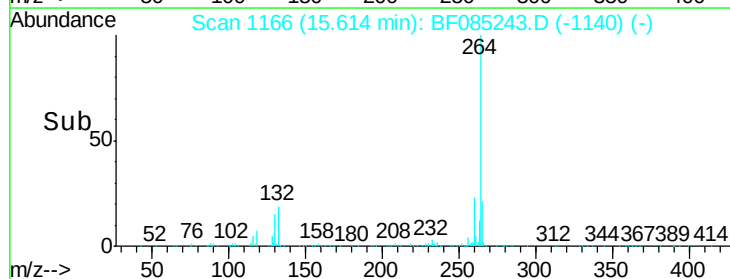
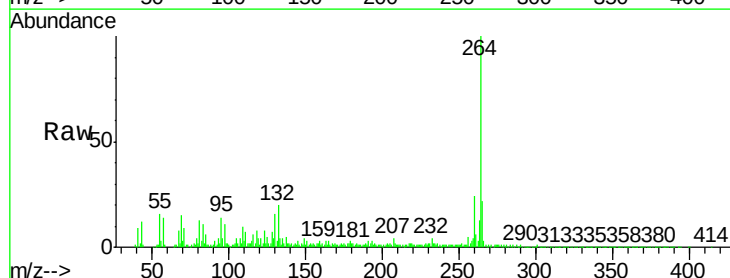
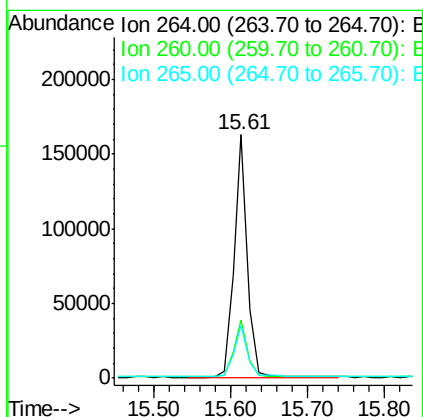
Manual Integrations
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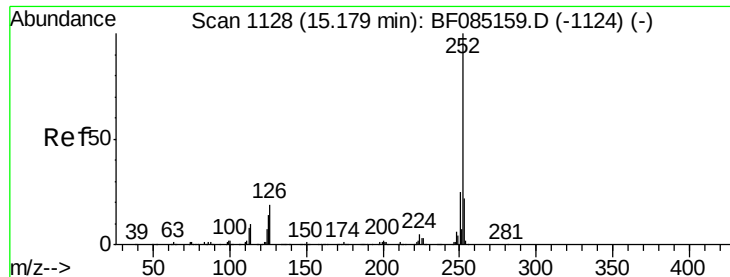
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 52.71 ng m

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

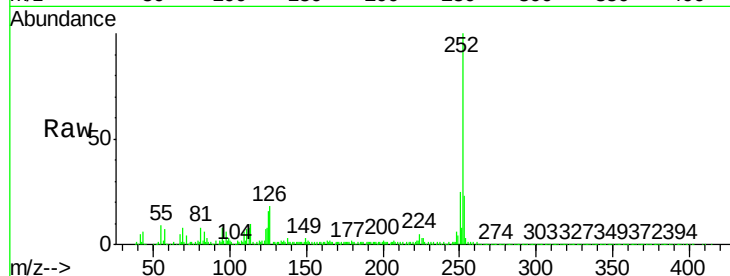
ClientSampleId :

SB-43(10-12)MS

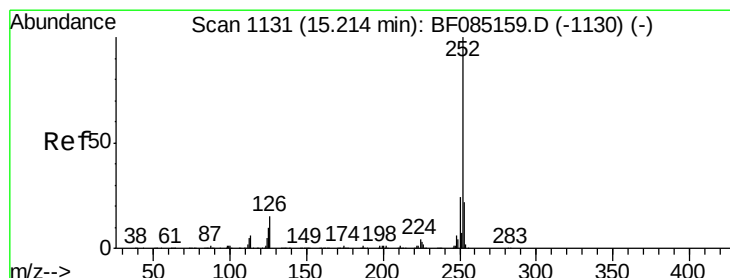
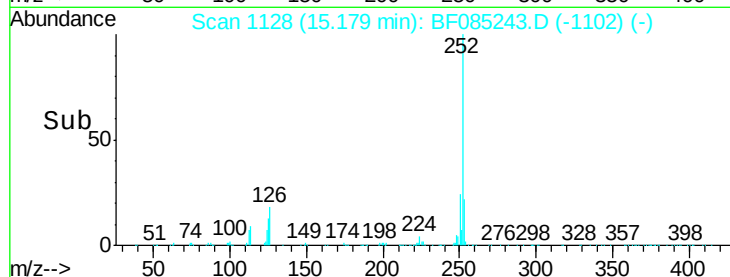
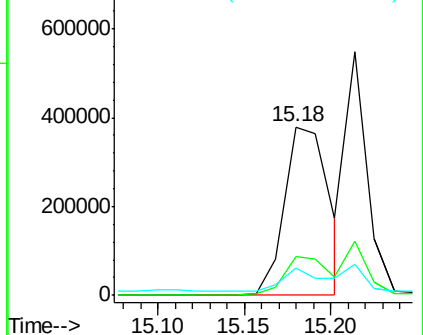
Tot Ion:	252	Resp:	689009
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	15.8	11.3	16.9

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



#88

Benzo(k)fluoranthene

Concen: 45.73 ng m

RT: 15.21 min Scan# 1131

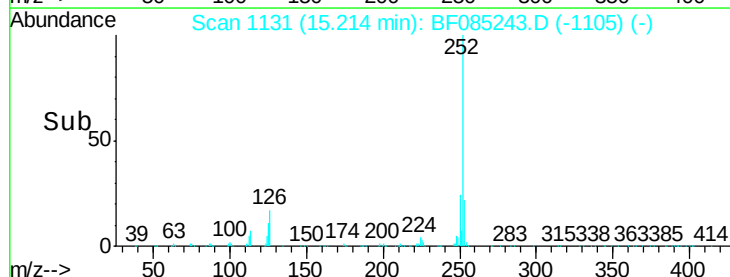
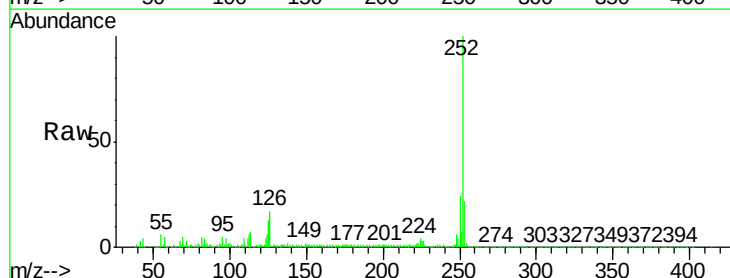
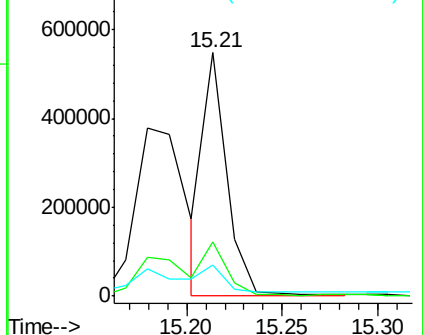
Delta R.T. 0.00 min

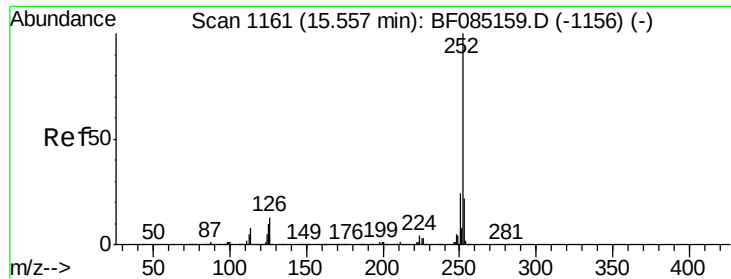
Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Tgt Ion:	252	Resp:	482138
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	12.8	10.4	15.6

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





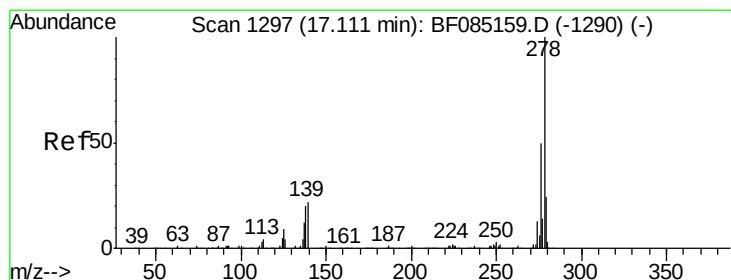
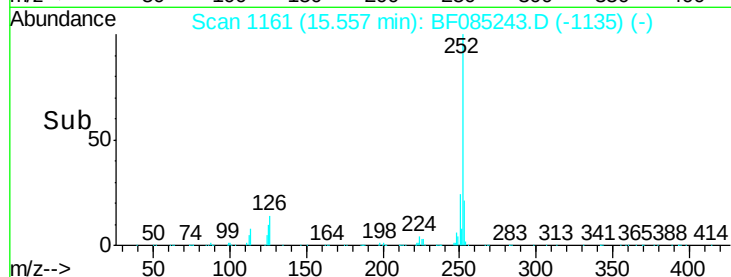
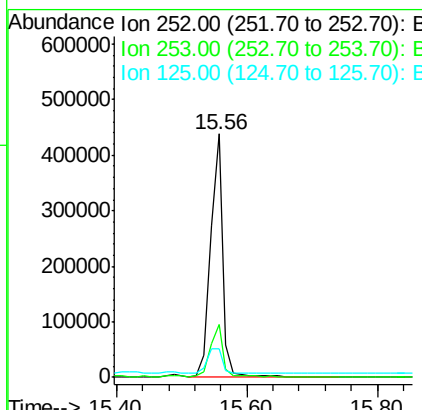
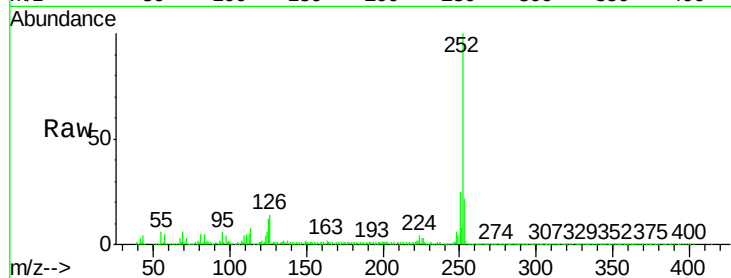
#89
Benzo(a)pyrene
Concen: 52.42 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.9	8.2	12.4

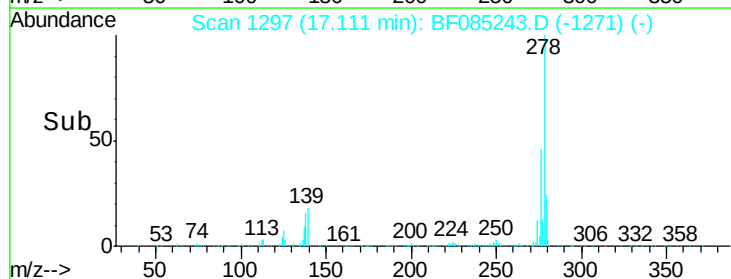
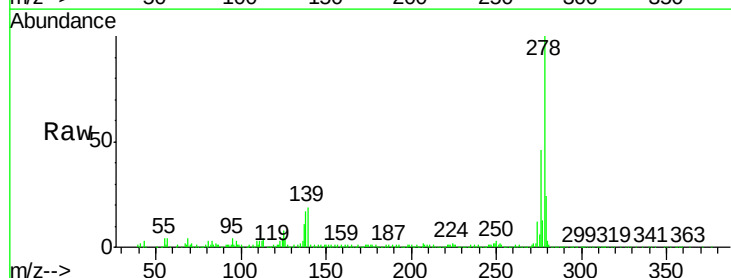
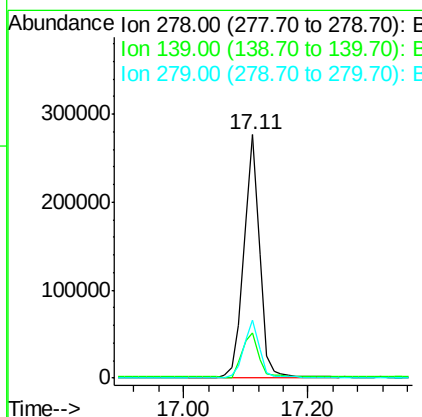
Manual Integrations
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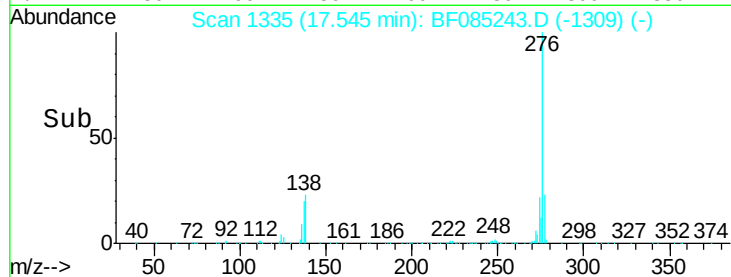
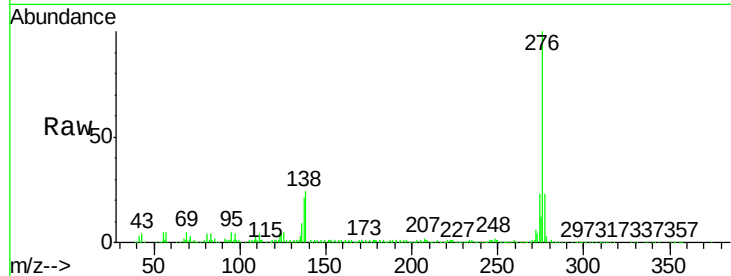
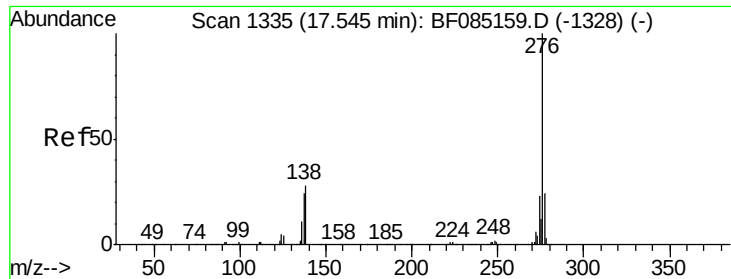
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3/7/2016 3:31:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.51 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085243.D
Acq: 5 Mar 2016 10:02

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.8	17.3	25.9
279	23.8	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 49.78 ng

RT: 17.55 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF085243.D

Acq: 5 Mar 2016 10:02

Instrument :

BNA_F

ClientSampleId :

SB-43(10-12)MS

Tot Ion:	276	Resp:	462857
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.0	28.4
138	23.9	22.5	33.7

Manual Integrations
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