

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085634.D
 Acq On : 21 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1841-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:33:47 PM

Quant Time: Mar 22 02:13:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121714	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	466544	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	211667	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	353578	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	252104	20.00	ng	-0.01
86) Perylene-d12	15.42	264	233348	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	930616	128.43	ng	0.00
7) Phenol-d6	6.49	99	1311904	141.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	836476	104.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	273979	132.14	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1270093	110.62	ng	-0.01
78) Terphenyl-d14	12.95	244	910493	86.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	138199	39.23	ng	97
3) Pyridine	3.22	79	416990	48.21	ng	98
4) n-Nitrosodimethylamine	3.18	42	178528	49.44	ng	96
6) Aniline	6.50	93	425952	34.12	ng	# 26
8) 2-Chlorophenol	6.63	128	400914	47.83	ng	94
9) Benzaldehyde	6.39	77	75404	14.08	ng	95
10) Phenol	6.50	94	504012	47.61	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	376287	47.15	ng	98
12) 1,3-Dichlorobenzene	6.79	146	418029	45.76	ng	99
13) 1,4-Dichlorobenzene	6.86	146	413294	44.36	ng	99
14) 1,2-Dichlorobenzene	7.02	146	415027	50.17	ng	99
15) Benzyl Alcohol	7.00	79	333224	52.35	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	483058	46.03	ng	94
17) 2-Methylphenol	7.11	107	354268	50.98	ng	98
18) Hexachloroethane	7.35	117	149227	44.35	ng	# 80
19) n-Nitroso-di-n-propylamine	7.27	70	289460	52.14	ng	98
20) 3+4-Methylphenols	7.26	107	367647	45.68	ng	97
22) Acetophenone	7.26	105	515773	46.59	ng	98
24) Nitrobenzene	7.43	77	390815	44.42	ng	99
25) Isophorone	7.67	82	791337	49.18	ng	99
26) 2-Nitrophenol	7.75	139	234160	53.85	ng	98
27) 2,4-Dimethylphenol	7.78	122	380411	49.47	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	505822	55.26	ng	100
29) 2,4-Dichlorophenol	7.99	162	313195	49.32	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	336465	47.31	ng	99
31) Naphthalene	8.15	128	1079817	45.85	ng	100
32) Benzoic acid	7.91	122	163640	25.45	ng	98
33) 4-Chloroaniline	8.21	127	262819	27.23	ng	98
34) Hexachlorobutadiene	8.28	225	182834	48.23	ng	99
35) Caprolactam	8.57	113	112419m	51.46	ng	
36) 4-Chloro-3-methylphenol	8.69	107	356581	48.08	ng	96
37) 2-Methylnaphthalene	8.85	142	774963	53.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285561	44.48	ng	99
40) Hexachlorocyclopentadiene	9.00	237	154221	53.29	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	210973	48.00	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	221789	49.58	ng #	87
45) 1,1'-Biphenyl	9.30	154	782853	42.87	ng	98
46) 2-Chloronaphthalene	9.33	162	628972	47.16	ng #	89
47) 2-Nitroaniline	9.43	65	213805	52.99	ng	99
48) Acenaphthylene	9.75	152	1074110	49.76	ng	100
49) Dimethylphthalate	9.61	163	947858	59.34	ng	99
50) 2,6-Dinitrotoluene	9.67	165	163602	48.52	ng	99
51) Acenaphthene	9.92	154	670373	49.49	ng	99
52) 3-Nitroaniline	9.84	138	147754	34.99	ng	95
53) 2,4-Dinitrophenol	9.94	184	79994	38.72	ng	97
54) Dibenzofuran	10.09	168	911093	55.23	ng	99
55) 4-Nitrophenol	10.01	139	280251	85.86	ng	96
56) 2,4-Dinitrotoluene	10.08	165	243284	55.11	ng	90
57) Fluorene	10.44	166	674869	49.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159280	49.46	ng	97
59) Diethylphthalate	10.31	149	792617	49.91	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	321337	47.87	ng	94
61) 4-Nitroaniline	10.46	138	183396	44.05	ng	95
62) Azobenzene	10.58	77	793149	52.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	67889	30.01	ng	100
65) n-Nitrosodiphenylamine	10.55	169	601471	54.61	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	201458	57.04	ng	92
67) Hexachlorobenzene	10.98	284	201725	53.76	ng #	93
68) Atrazine	11.08	200	206335	61.53	ng	99
69) Pentachlorophenol	11.18	266	202389	88.83	ng	100
70) Phenanthrene	11.40	178	942564	50.56	ng	99
71) Anthracene	11.44	178	866236	44.31	ng	99
72) Carbazole	11.60	167	852074	50.52	ng	99
73) Di-n-butylphthalate	11.93	149	1120145	53.04	ng	99
74) Fluoranthene	12.57	202	767325	39.31	ng	97
76) Benzidine	12.70	184	367958	43.40	ng	99
77) Pyrene	12.80	202	770080	42.54	ng	100
79) Butylbenzylphthalate	13.42	149	360144	41.74	ng #	72
80) Benzo(a)anthracene	13.99	228	673541	46.02	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	194598	36.28	ng #	97
82) Chrysene	14.03	228	536286	38.09	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	480296	44.80	ng #	98
84) Di-n-octyl phthalate	14.60	149	852253	48.79	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	654274	55.61	ng	99
87) Benzo(b)fluoranthene	15.02	252	668601m	43.91	ng	
88) Benzo(k)fluoranthene	15.04	252	579308m	46.18	ng	
89) Benzo(a)pyrene	15.36	252	619282	47.98	ng	97
90) Dibenzo(a,h)anthracene	16.84	278	556659	51.70	ng	99
91) Benzo(g,h,i)perylene	17.24	276	519225	49.83	ng	99

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

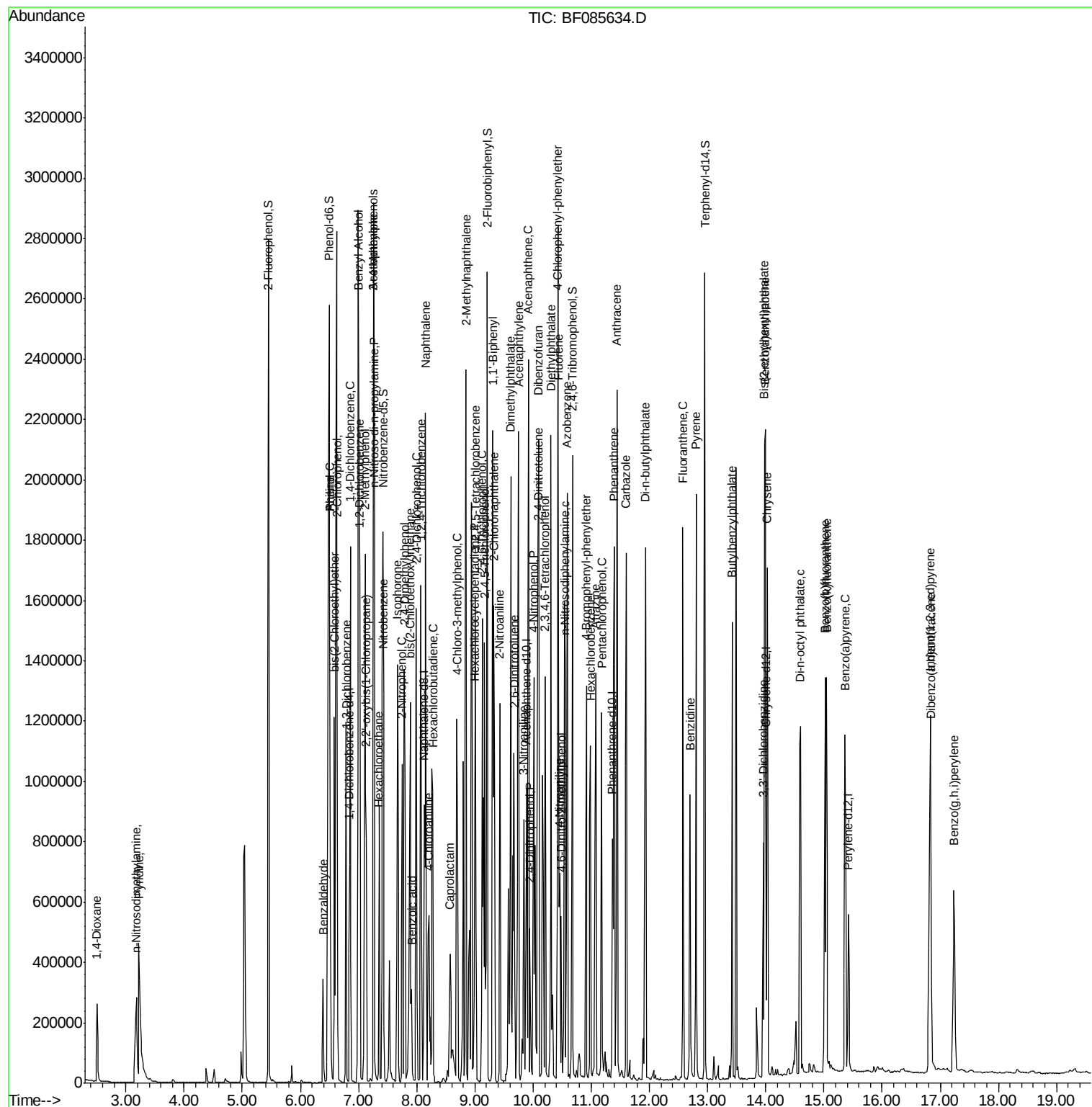
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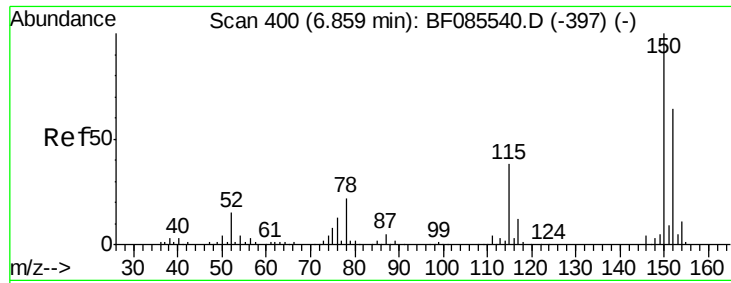
Instrument :
BNA_F
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SOUTH-WALL(3-5)MSD

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#1

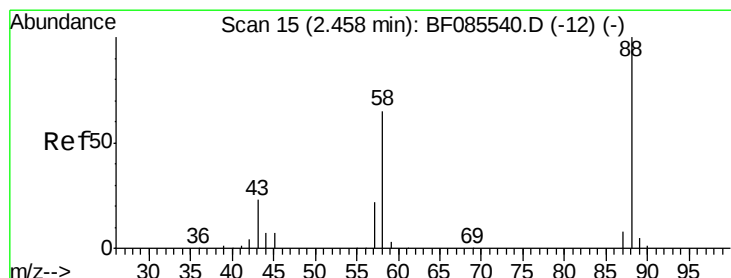
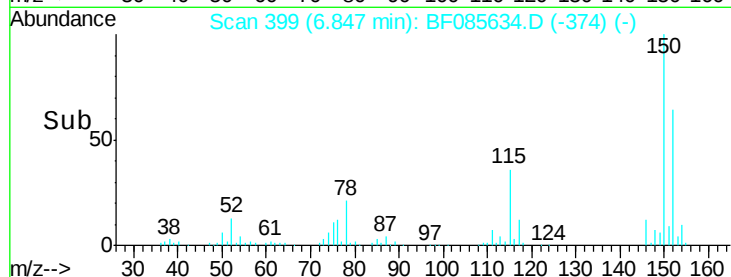
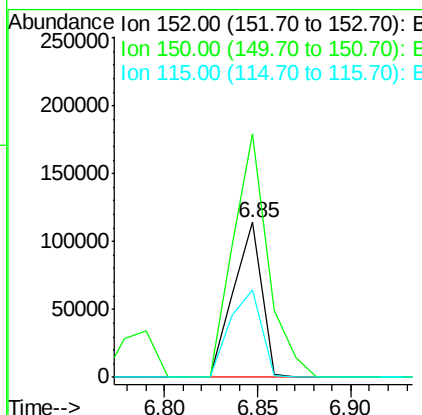
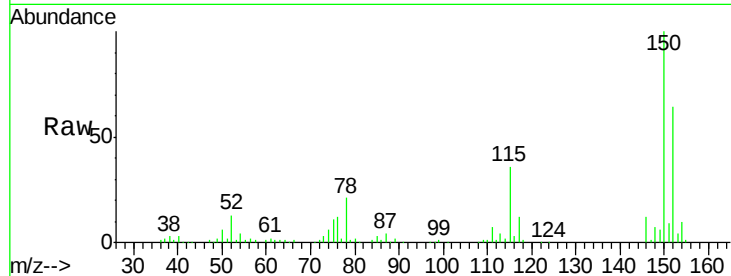
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	56.5	47.0	70.6

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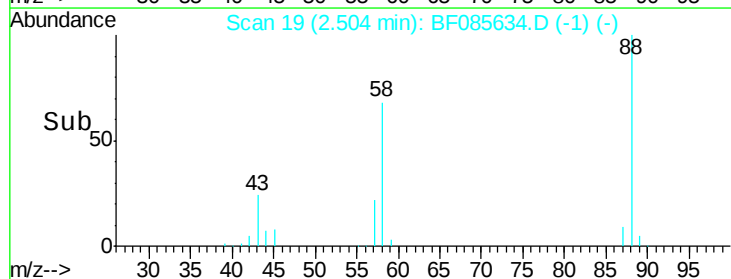
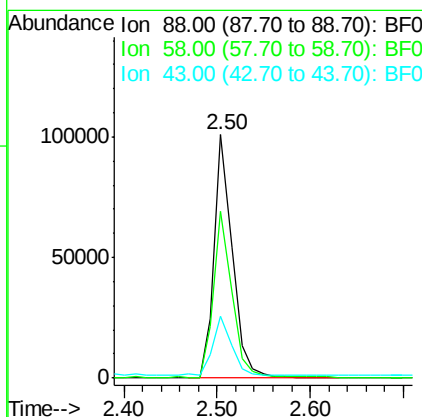
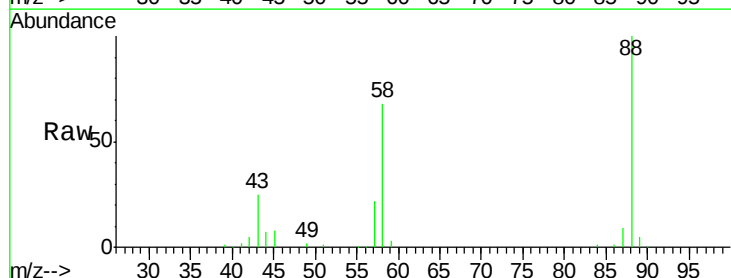
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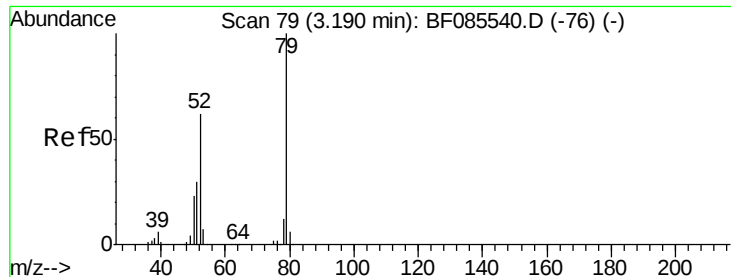


#2

1,4-Dioxane
Concen: 39.23 ng
RT: 2.50 min Scan# 19
Delta R.T. 0.05 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	54.2	81.2
43	25.3	19.3	28.9





#3

Pyridine

Concen: 48.21 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

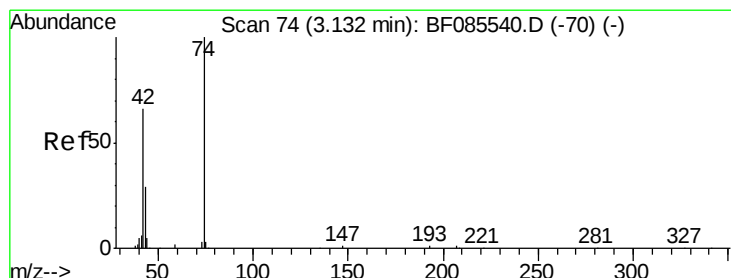
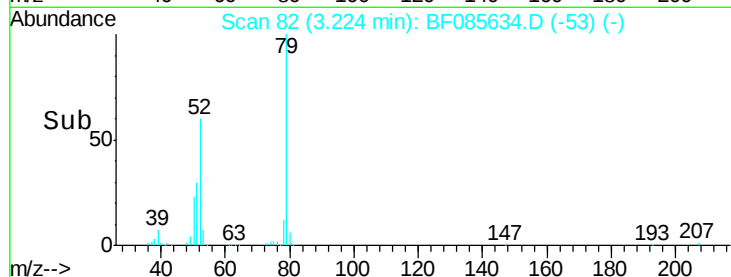
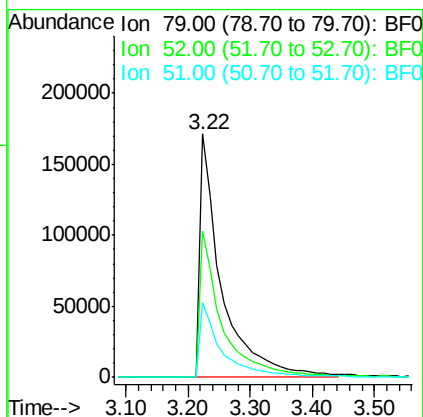
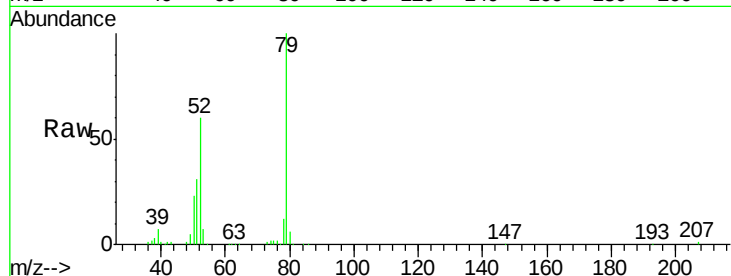
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	79	Resp:	416990
Ion Ratio		Lower	Upper
79	100		
52	60.0	49.8	74.6
51	30.5	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 49.44 ng

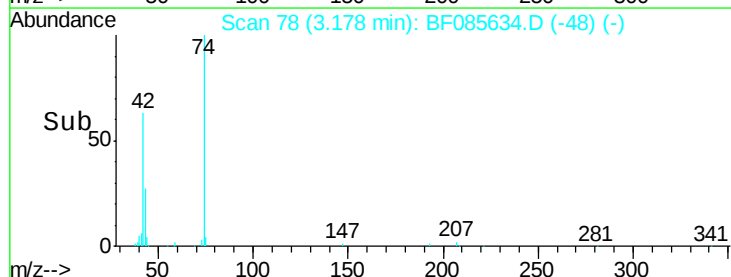
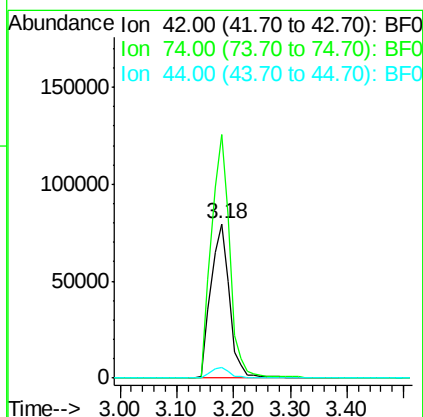
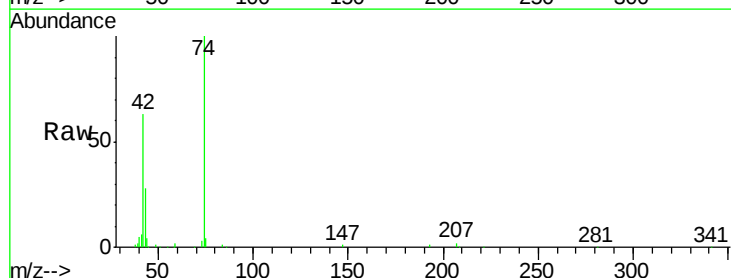
RT: 3.18 min Scan# 78

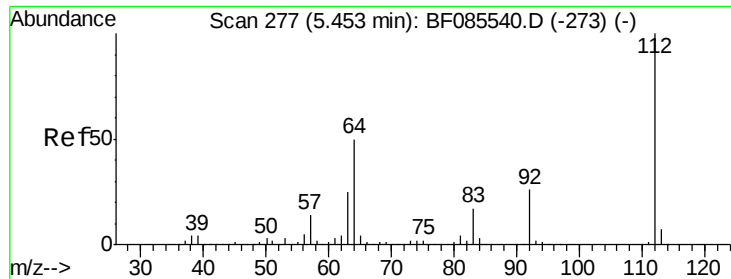
Delta R.T. 0.05 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	42	Resp:	178528
Ion Ratio		Lower	Upper
42	100		
74	157.5	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 128.43 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085634.D

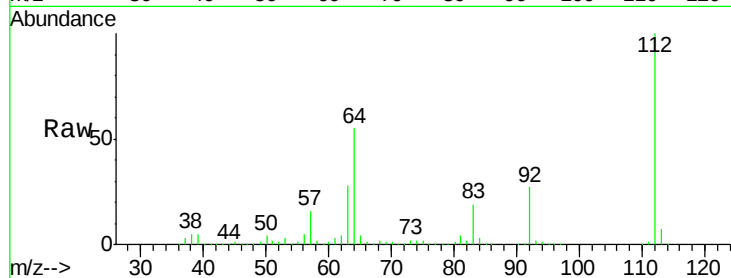
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

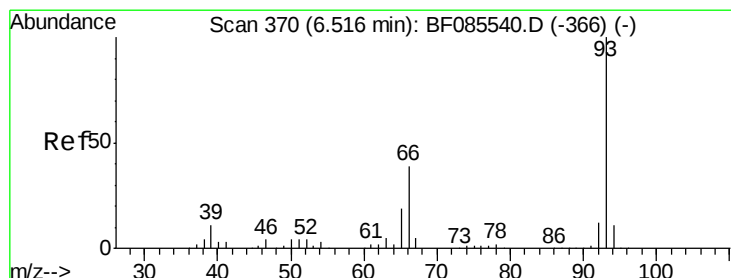
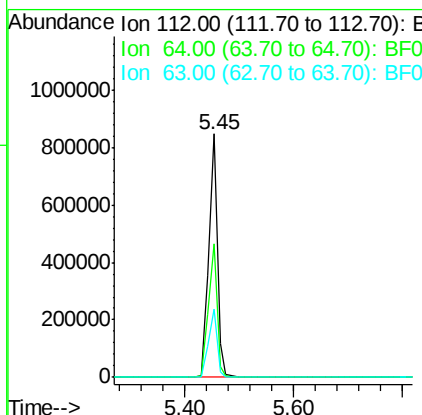
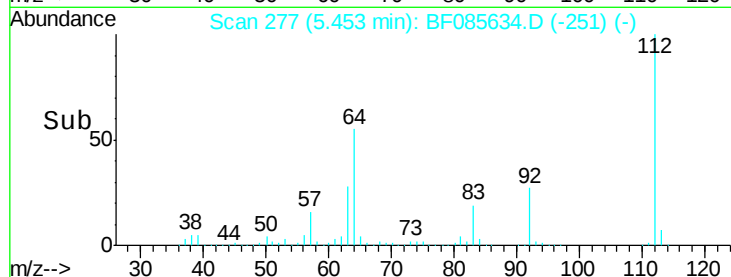
SOUTH-WALL(3-5)MSD



Tgt Ion:	112	Resp:	930616
Ion Ratio	Lower	Upper	
112	100		
64	54.6	39.9	59.9
63	27.9	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 34.12 ng

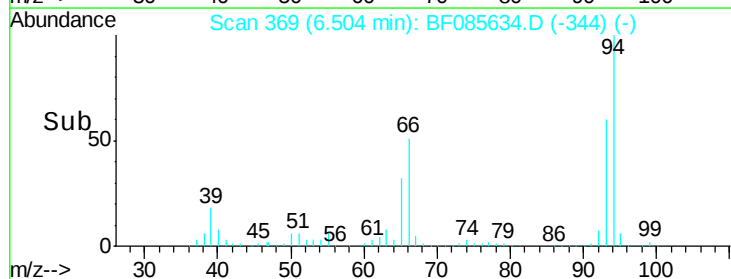
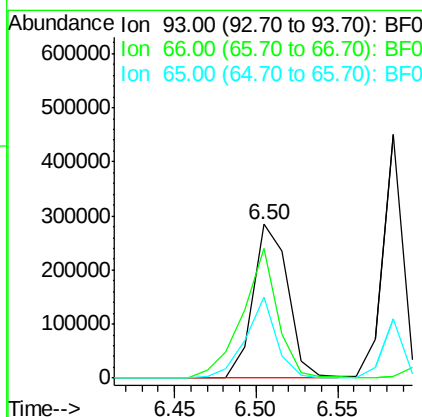
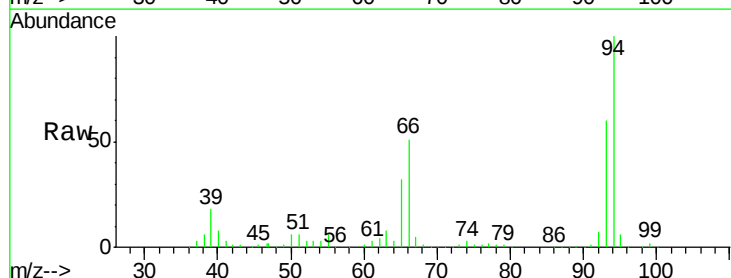
RT: 6.50 min Scan# 369

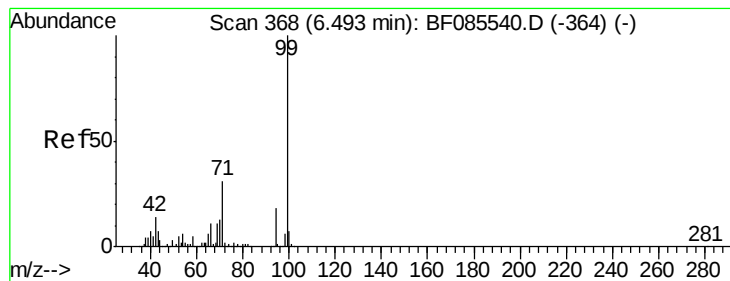
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	93	Resp:	425952
Ion Ratio	Lower	Upper	
93	100		
66	84.5	31.4	47.2#
65	53.1	15.7	23.5#





#7

Phenol-d6

Concen: 141.16 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion: 99 Resp: 1311904

Ion Ratio Lower Upper

99 100

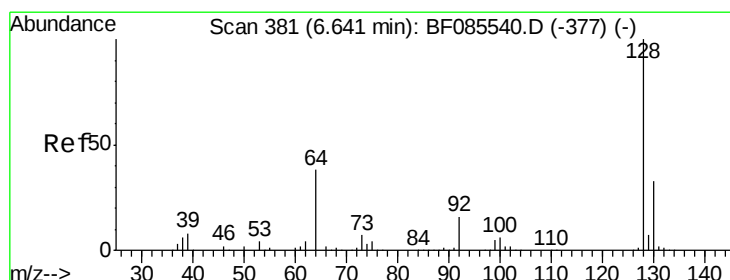
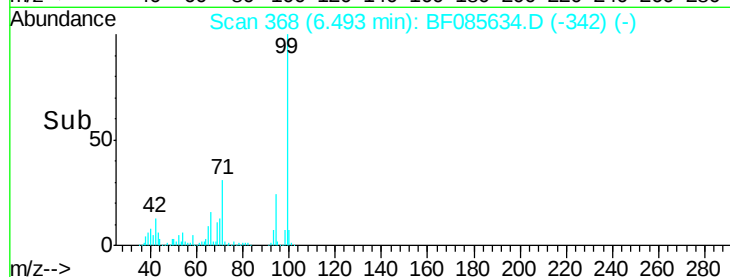
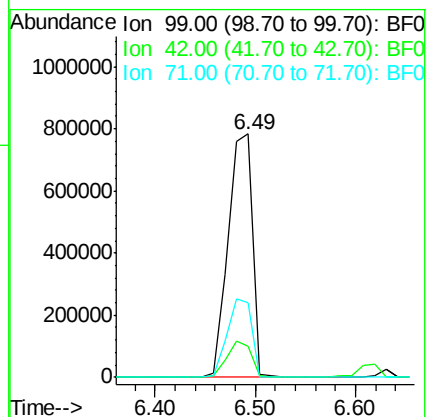
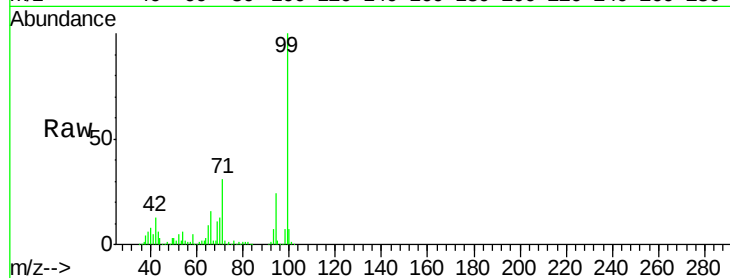
42 12.9 11.1 16.7

71 30.8 24.9 37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.83 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

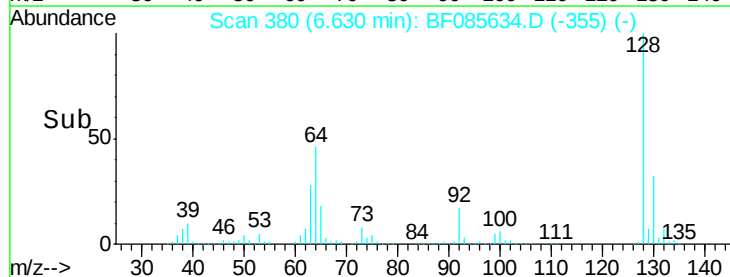
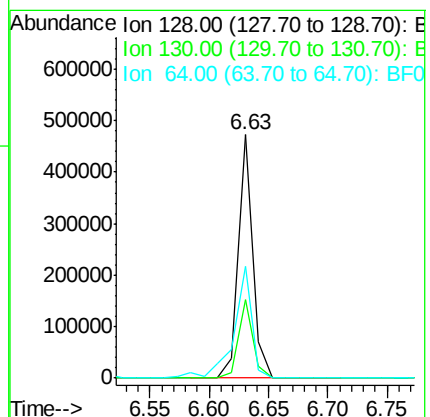
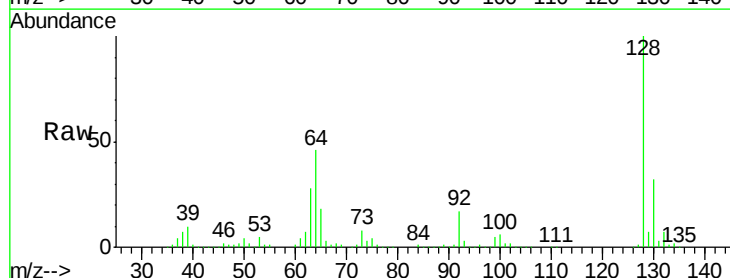
Tgt Ion: 128 Resp: 400914

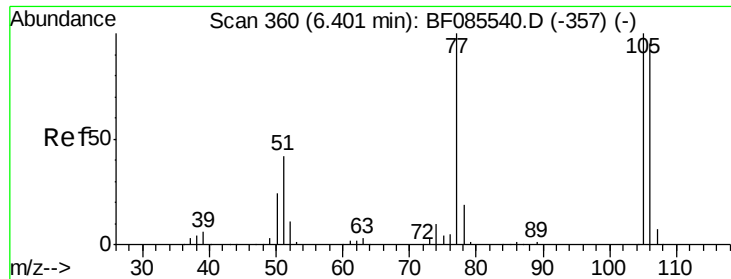
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 45.7 20.2 60.2





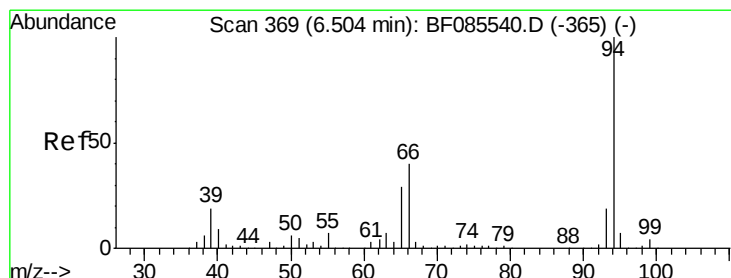
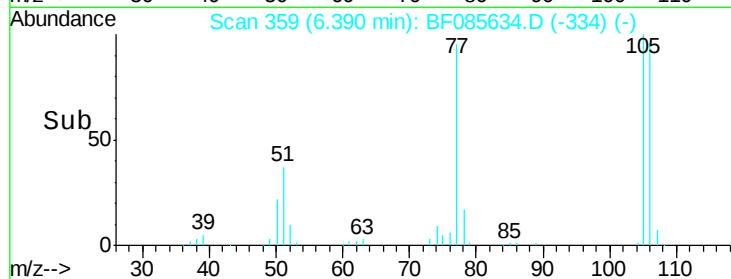
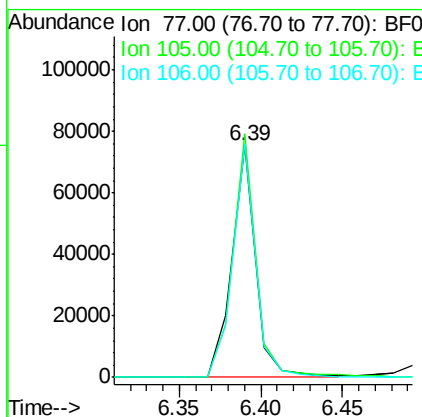
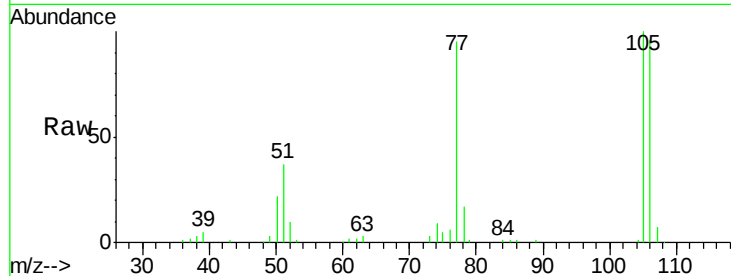
#9
Benzaldehyde
Concen: 14.08 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.01 min
Lab File: BF085634.D
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SOUTH-WALL(3-5)MSD

Tgt Ion: 77 Resp: 75404
Ion Ratio Lower Upper
77 100
105 105.0 80.1 120.1
106 100.4 75.0 115.0

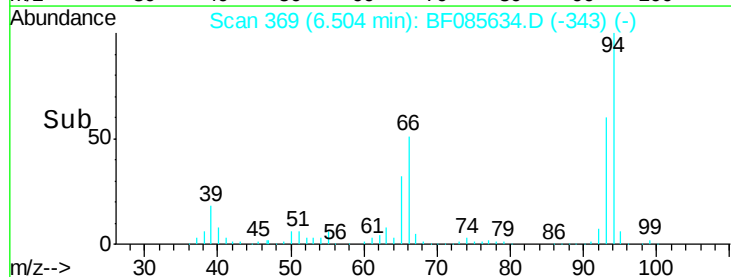
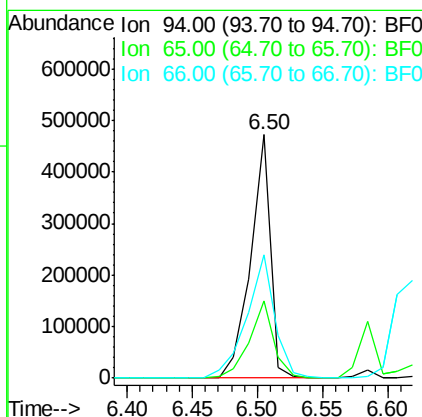
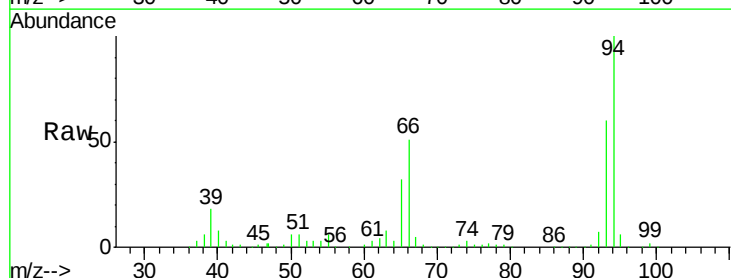
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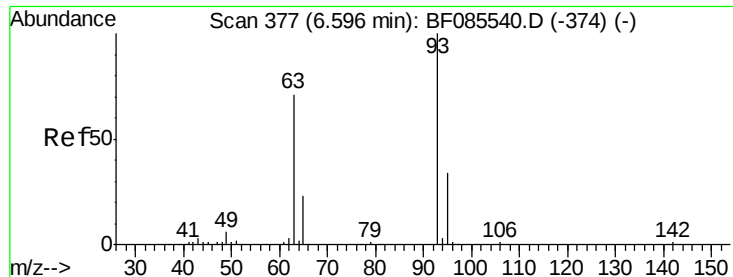
Sohil
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#10
Phenol
Concen: 47.61 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion: 94 Resp: 504012
Ion Ratio Lower Upper
94 100
65 31.9 8.6 48.6
66 50.8 20.0 60.0





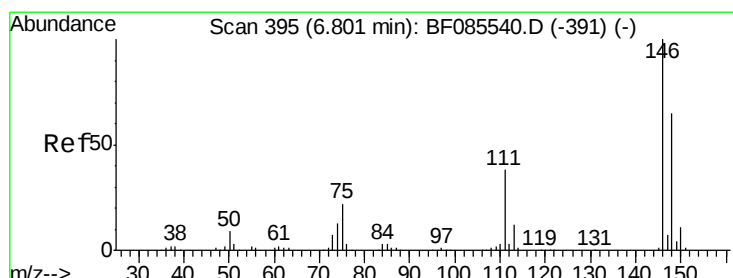
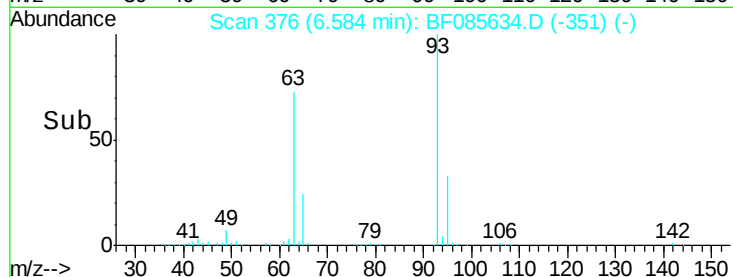
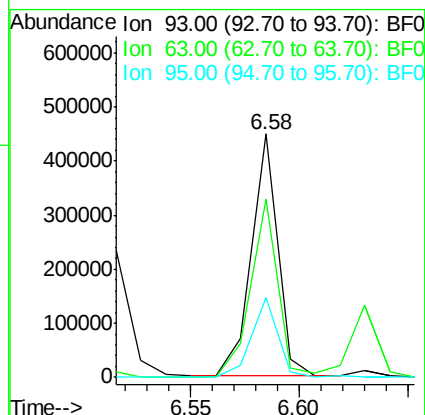
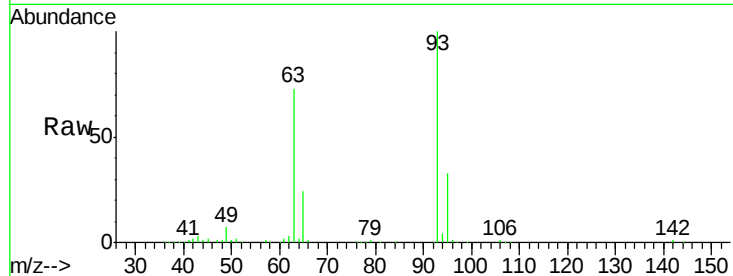
#11
bis(2-Chloroethyl)ether
Concen: 47.15 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:	93	Resp:	376287
Ion Ratio	Lower	Upper	
93	100		
63	73.1	50.9	90.9
95	32.9	13.3	53.3

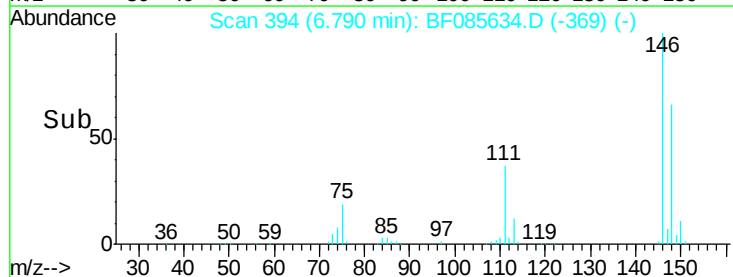
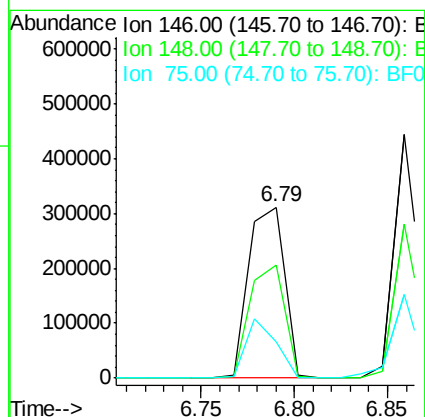
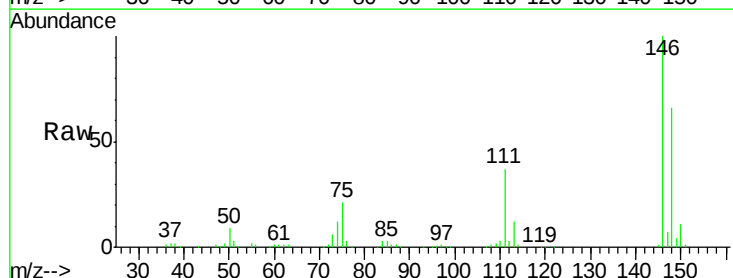
Manual Integrations
APPROVED

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3/22/2016 5:33:47 PM



#12
1,3-Dichlorobenzene
Concen: 45.76 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:	146	Resp:	418029
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.3	78.5
75	21.1	17.4	26.2





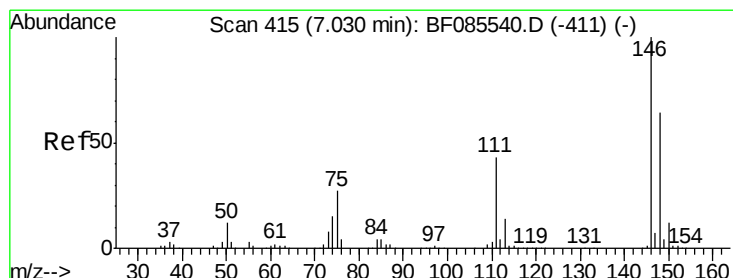
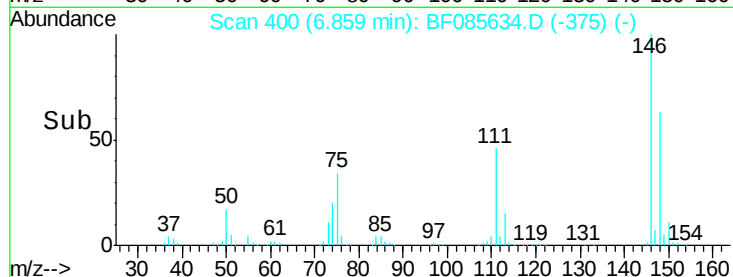
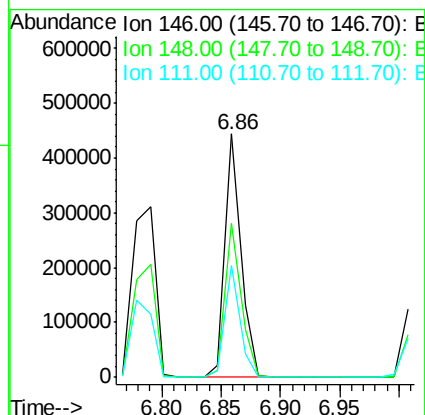
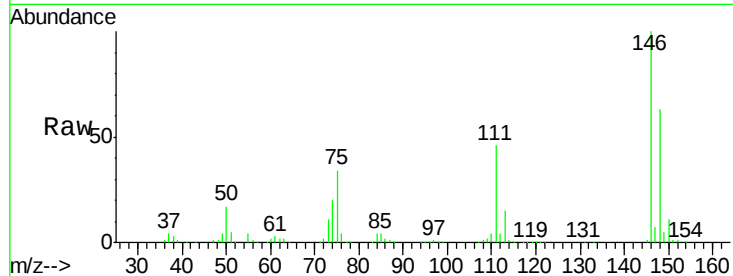
#13
1,4-Dichlorobenzene
Concen: 44.36 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	45.9	37.8	56.6

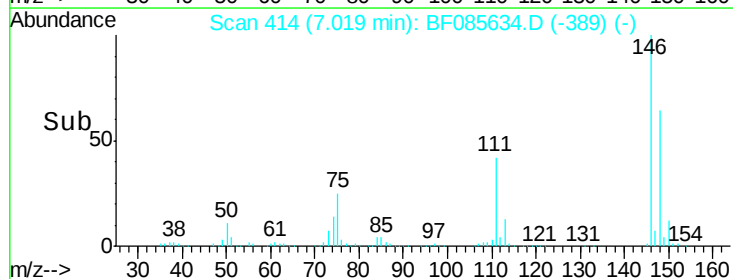
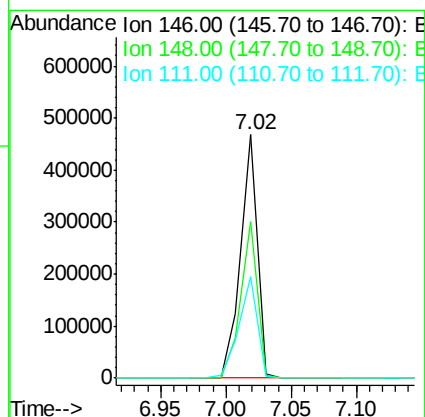
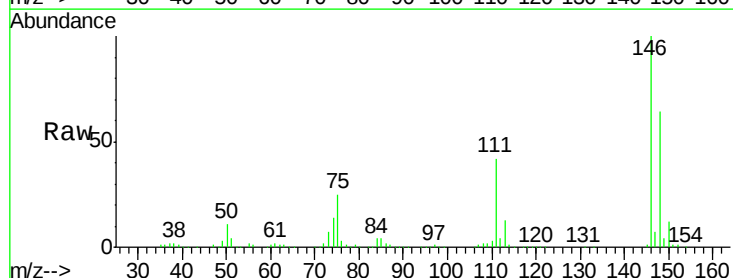
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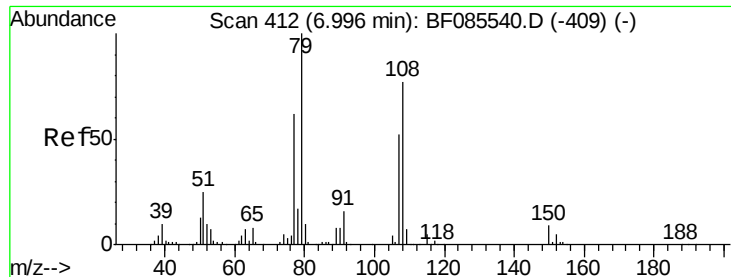
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#14
1,2-Dichlorobenzene
Concen: 50.17 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	41.7	34.6	52.0





#15

Benzyl Alcohol

Concen: 52.35 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

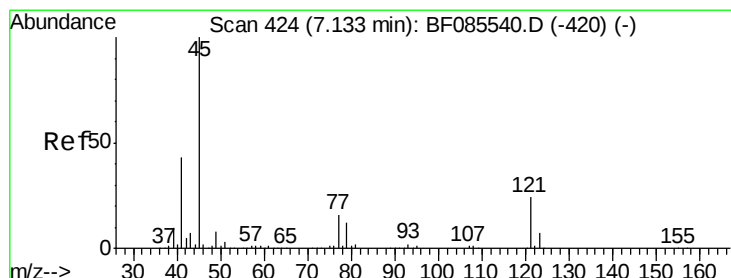
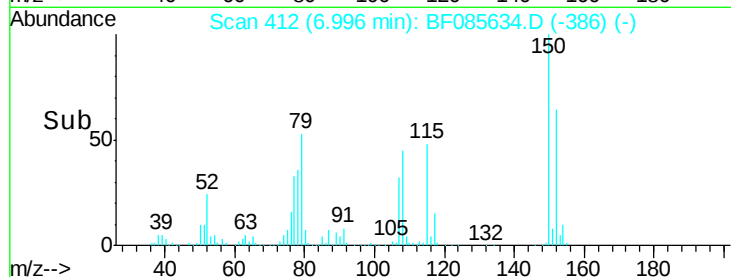
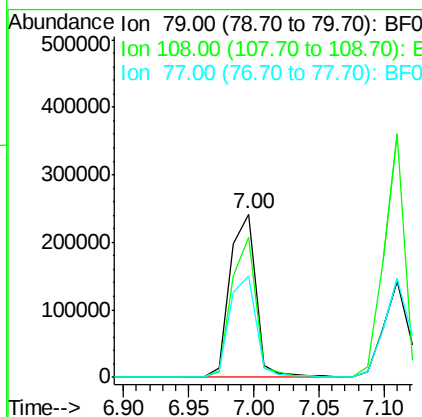
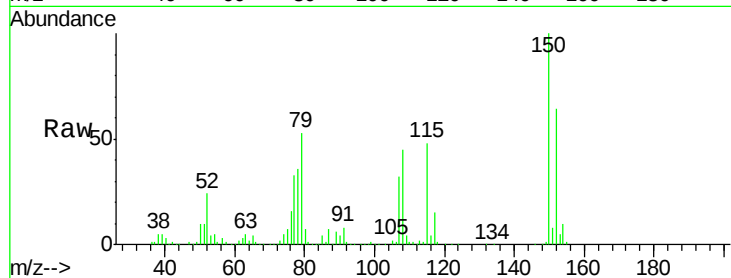
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	79	Resp:	333224
Ion Ratio	Lower	Upper	
79	100		
108	85.8	61.8	92.6
77	61.8	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.03 ng

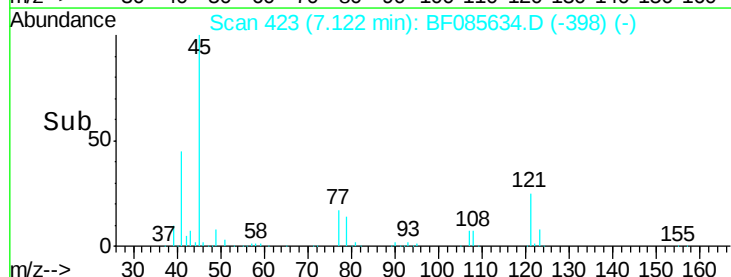
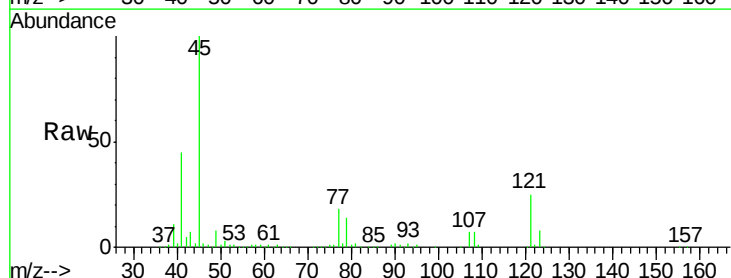
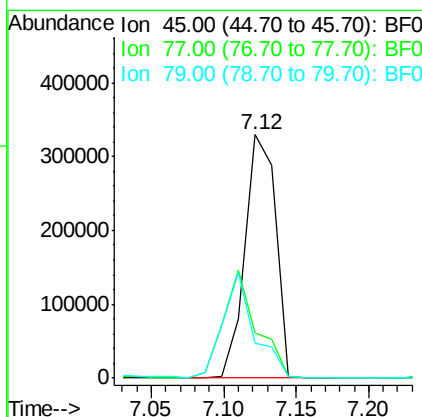
RT: 7.12 min Scan# 423

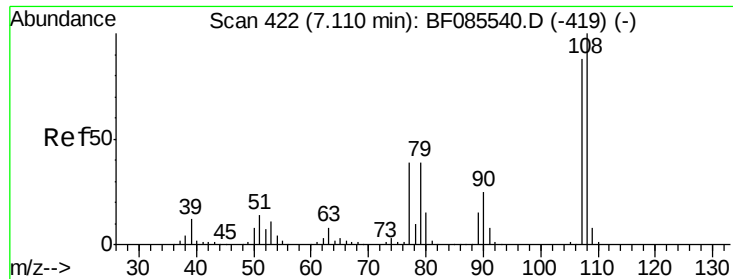
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	45	Resp:	483058
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	35.7
79	14.5	0.0	32.2





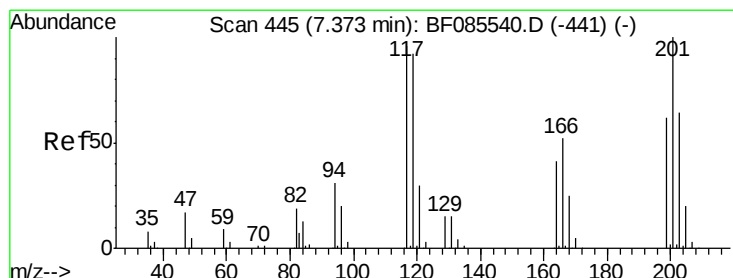
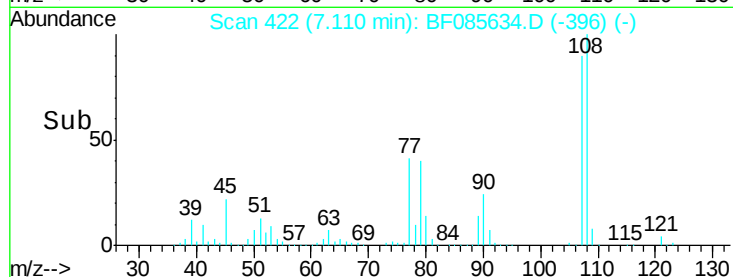
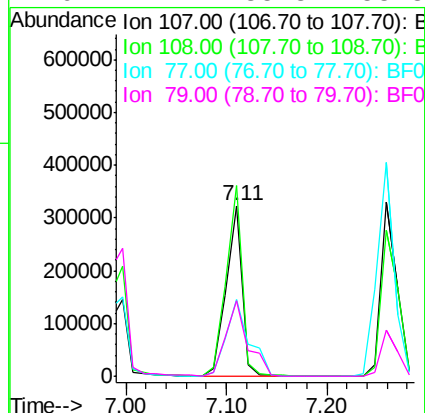
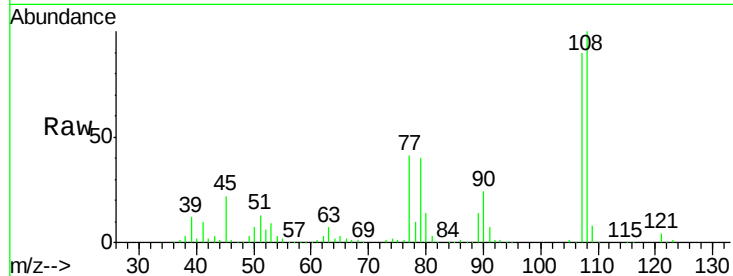
#17
2-Methylphenol
Concen: 50.98 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	111.6	91.4	137.0
77	45.3	36.2	54.2
79	44.2	35.8	53.8

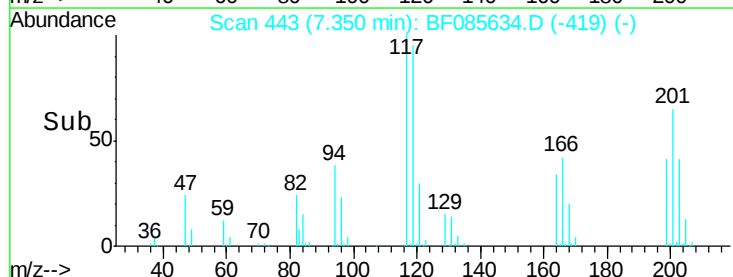
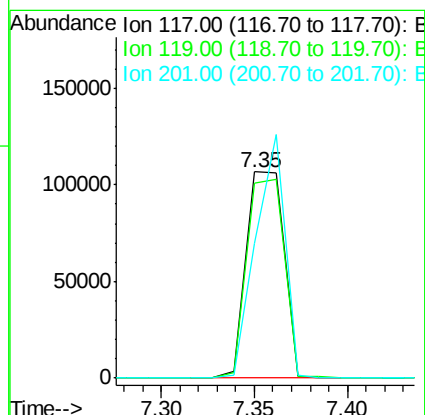
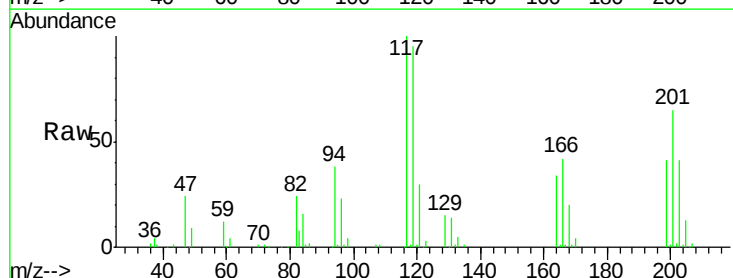
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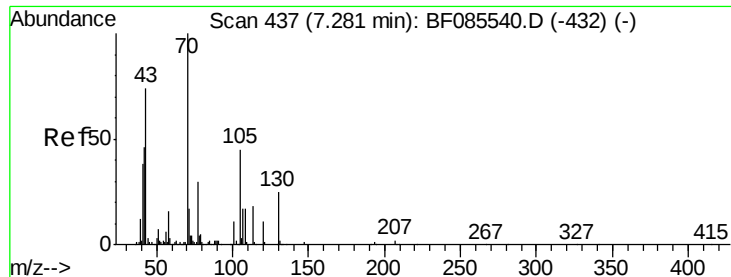
Sohil
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#18
Hexachloroethane
Concen: 44.35 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.6	76.7	115.1
201	65.3	83.3	124.9#





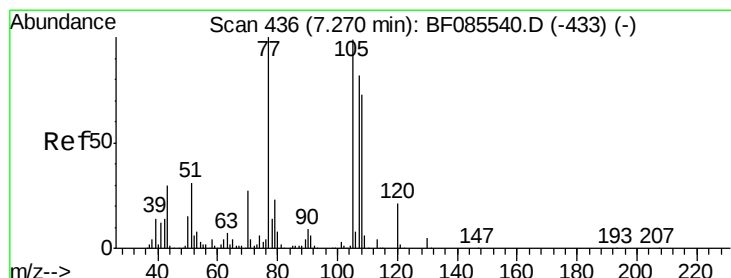
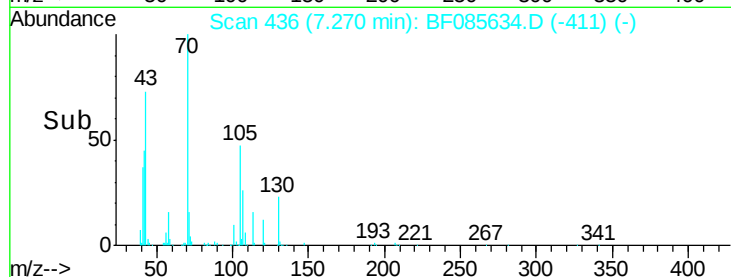
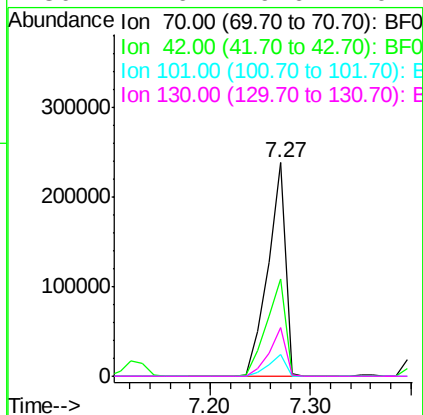
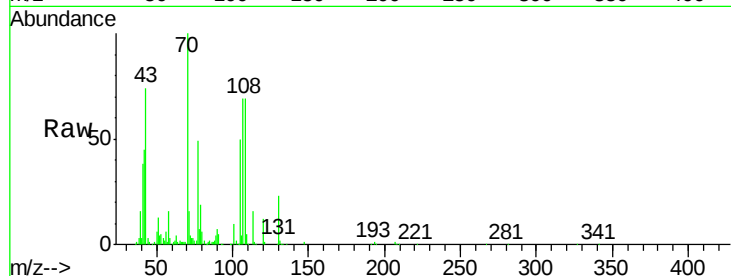
#19
n-Nitroso-di-n-propylamine
Concen: 52.14 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.5	37.1	55.7
101	9.9	8.6	12.8
130	22.6	19.6	29.4

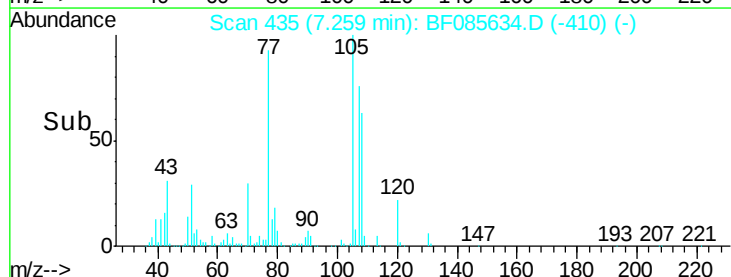
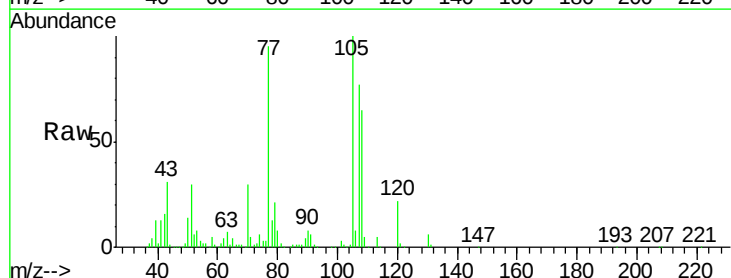
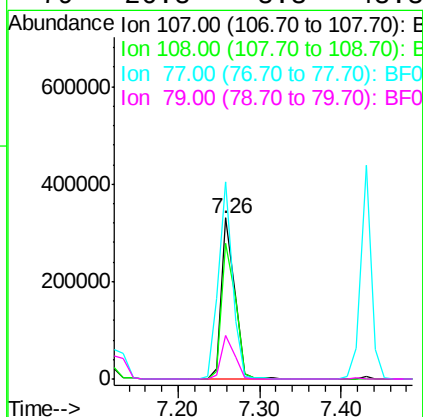
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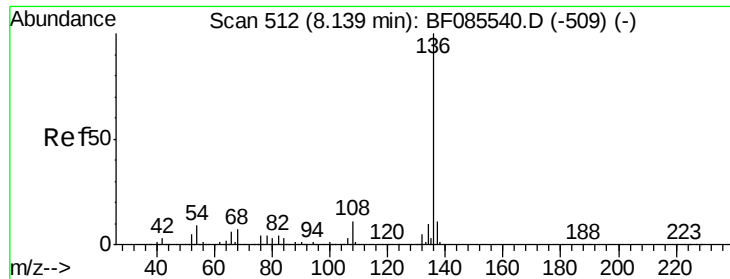
Sohil
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#20
3+4-Methylphenols
Concen: 45.68 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	69.3	109.3
77	122.4	101.7	141.7
79	26.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

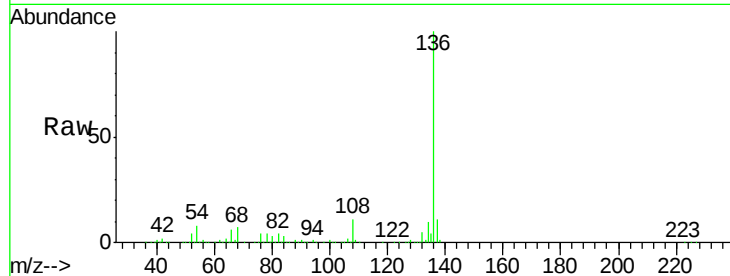
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	466544		
137	11.1	9.1	13.7	
54	8.0	7.4	11.0	
68	6.6	5.8	8.8	

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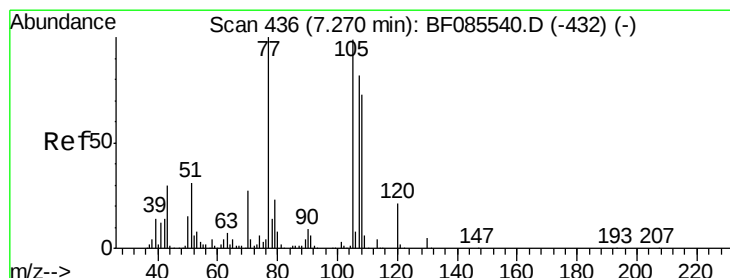
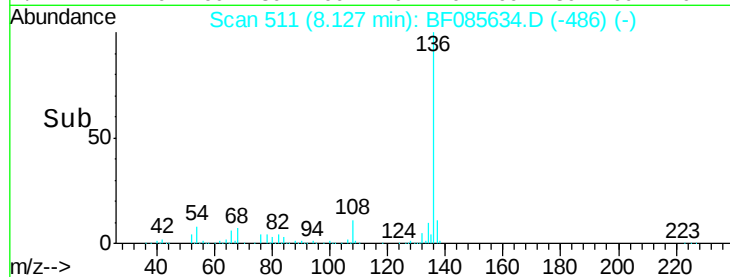
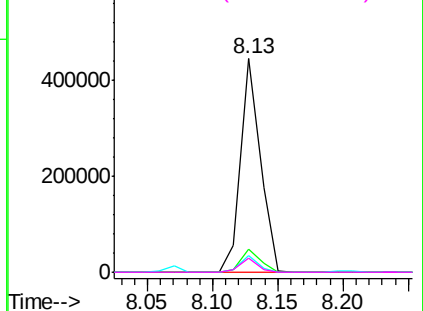


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.59 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

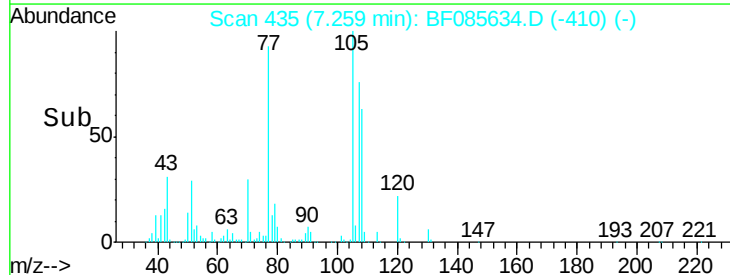
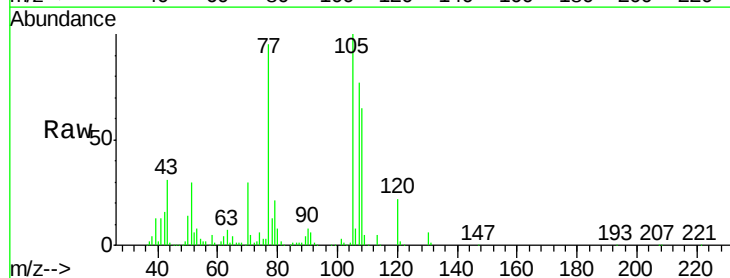
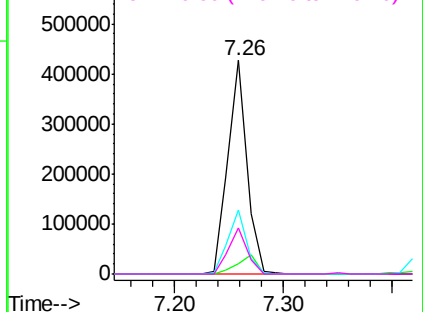
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	515773		
71	5.0	3.6	5.4	
51	29.7	25.4	38.0	
120	21.5	16.9	25.3	

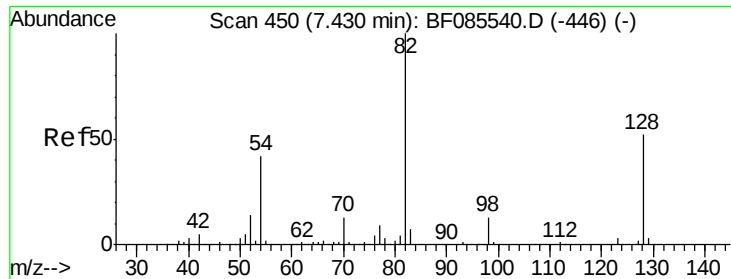
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





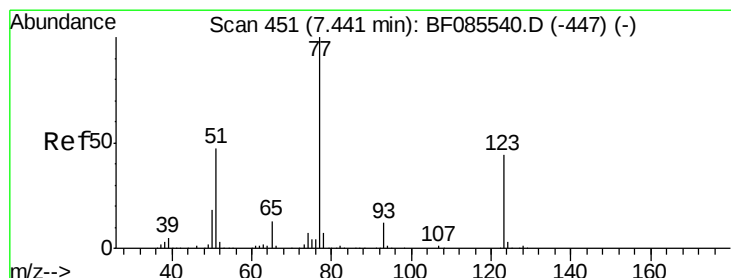
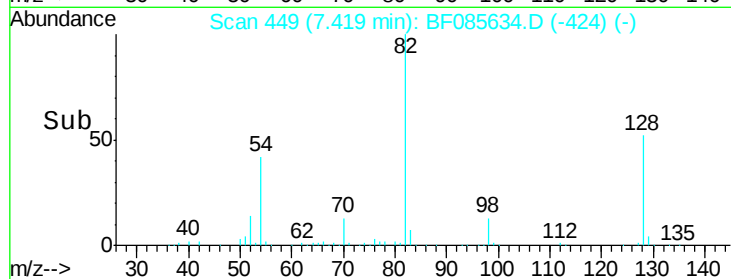
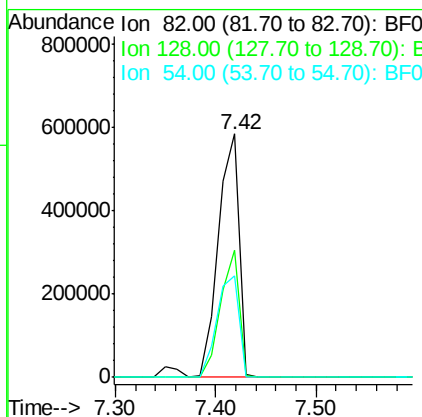
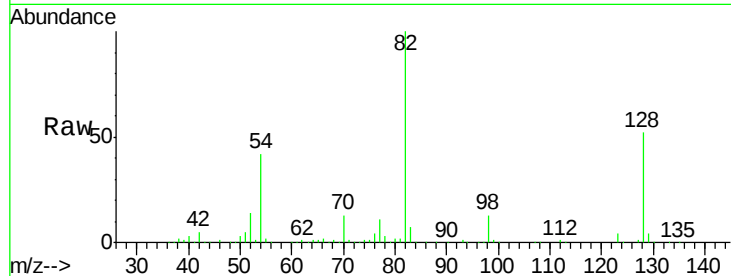
#23
Nitrobenzene-d5
Concen: 104.07 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	836476		
128	52.0	41.8	62.8	
54	41.6	33.4	50.0	

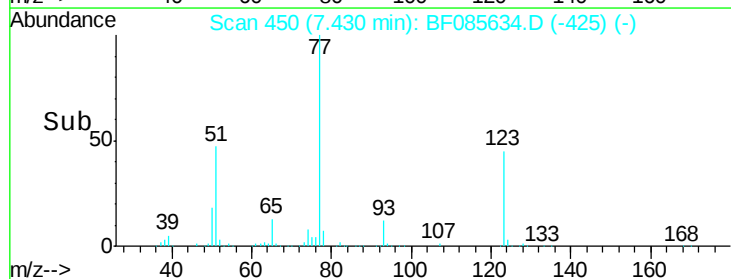
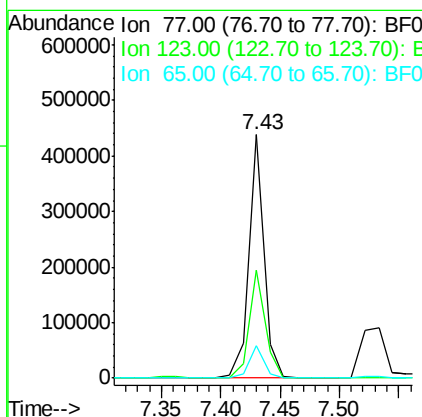
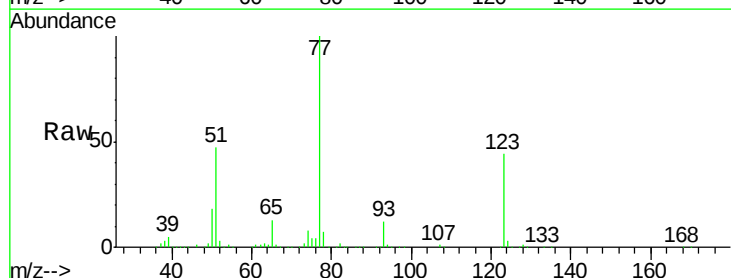
Manual Integrations
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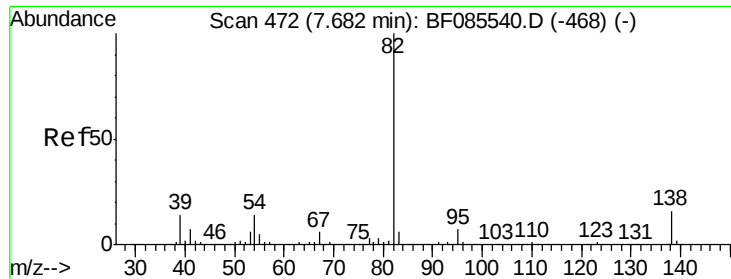
Sohil
3/22/2016 5:33:47 PM



#24
Nitrobenzene
Concen: 44.42 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	390815		
123	44.5	35.0	52.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 49.18 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

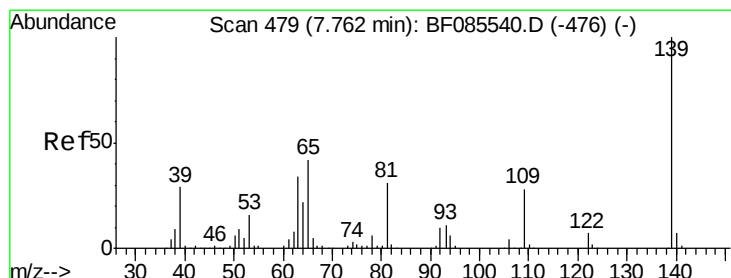
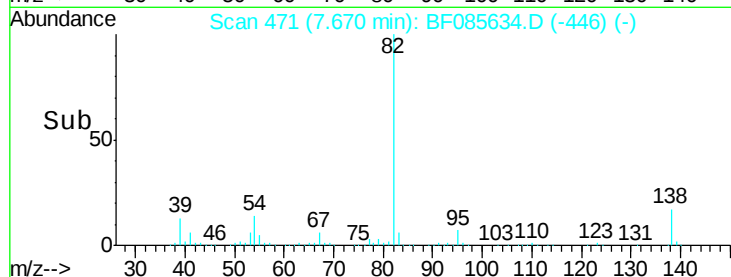
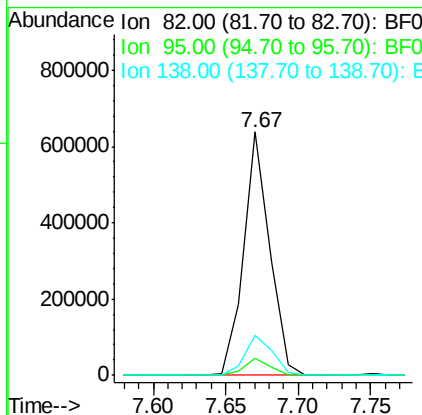
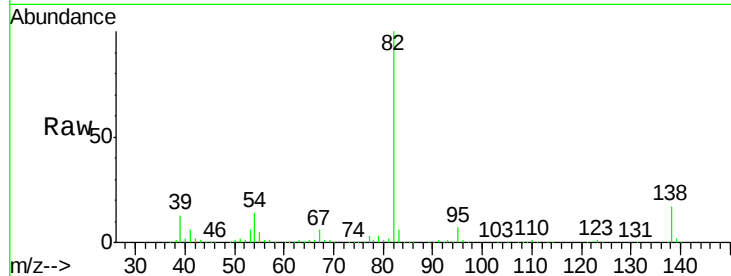
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	82	Resp:	791337
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	16.7	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.85 ng

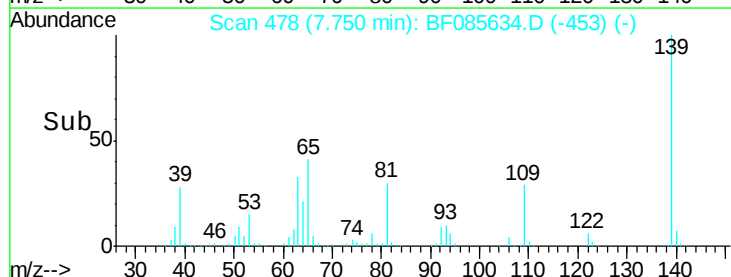
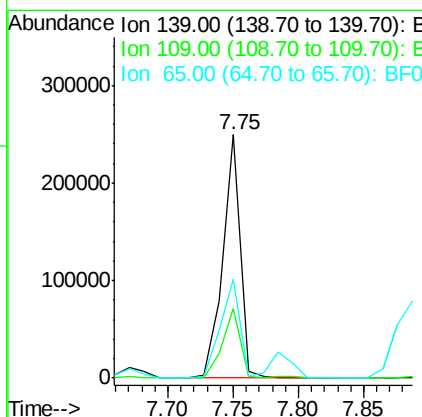
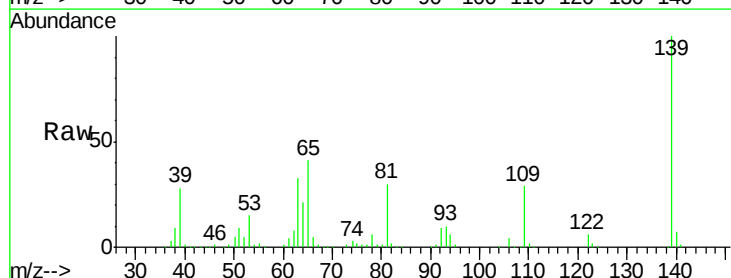
RT: 7.75 min Scan# 478

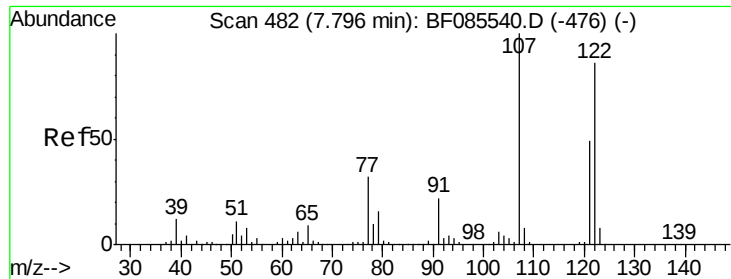
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	139	Resp:	234160
Ion Ratio		Lower	Upper
139	100		
109	28.5	22.1	33.1
65	40.8	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 49.47 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

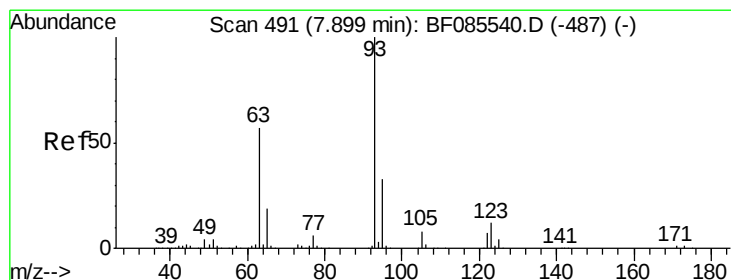
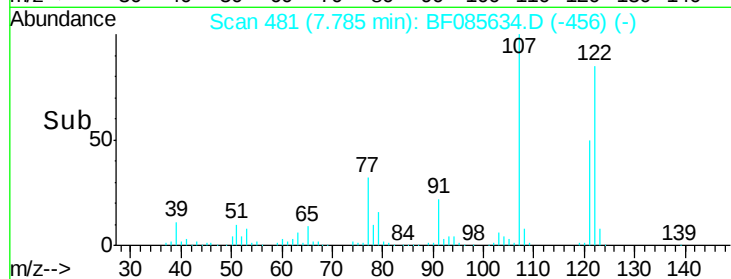
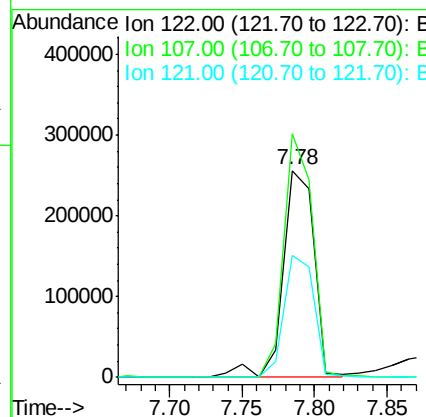
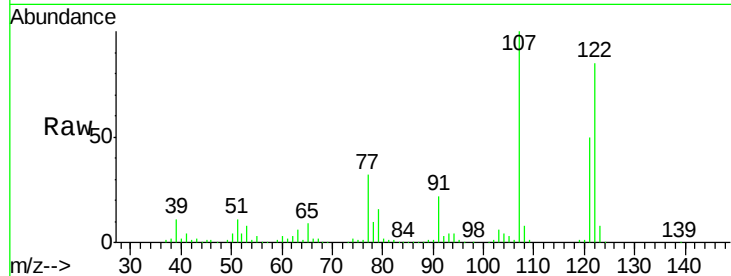
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	122	Resp:	380411
Ion Ratio	Lower	Upper	
122	100		
107	117.7	93.0	139.6
121	59.0	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 55.26 ng

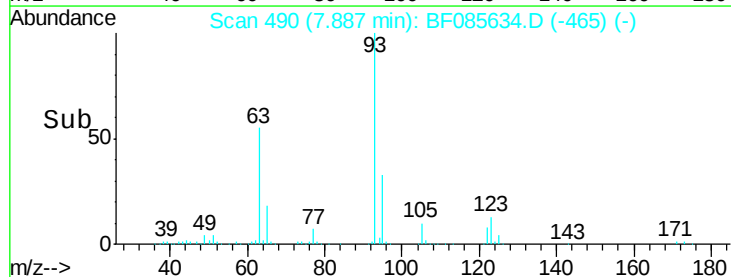
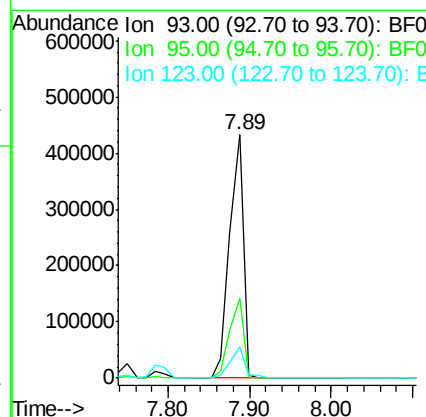
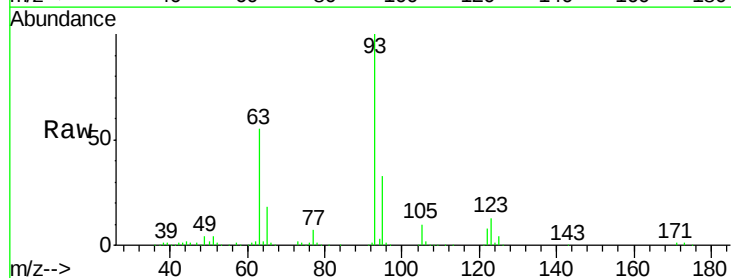
RT: 7.89 min Scan# 490

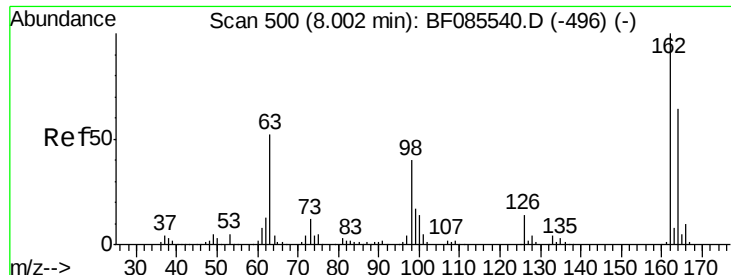
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	93	Resp:	505822
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	12.6	9.8	14.6





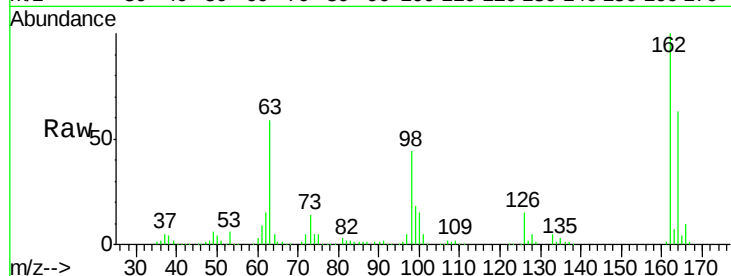
#29
 2,4-Dichlorophenol
 Concen: 49.32 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

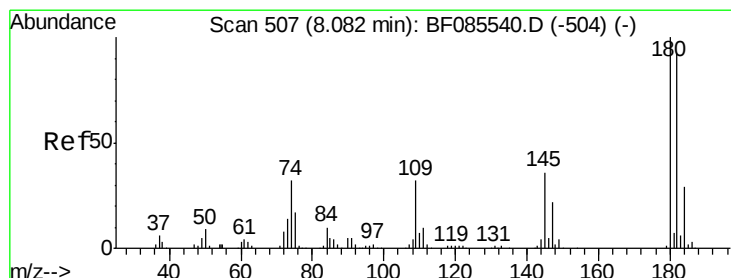
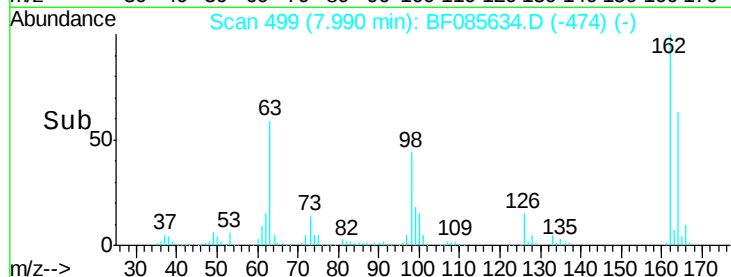
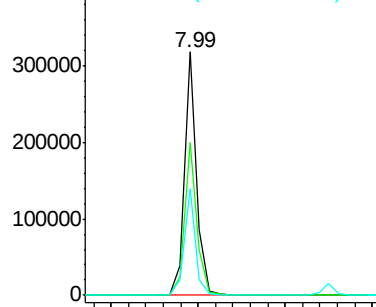
Tgt Ion:	162	Resp:	313195
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.7	83.7
98	44.0	20.4	60.4

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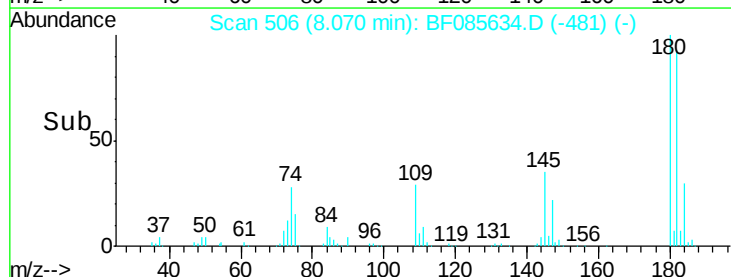
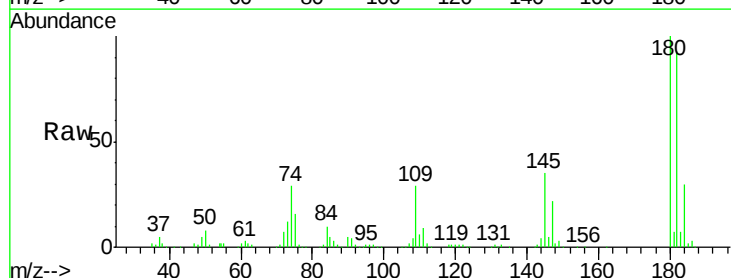
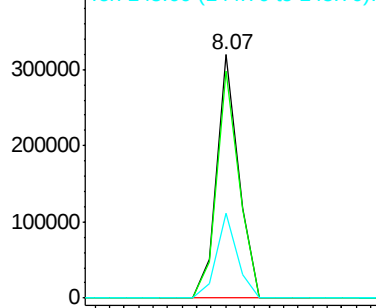
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

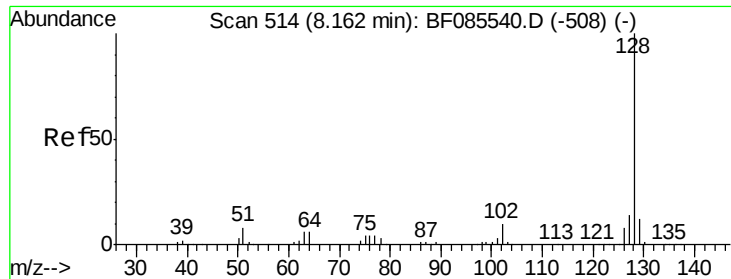


#30
 1,2,4-Trichlorobenzene
 Concen: 47.31 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:	180	Resp:	336465
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.8	110.8
145	34.8	28.4	42.6

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





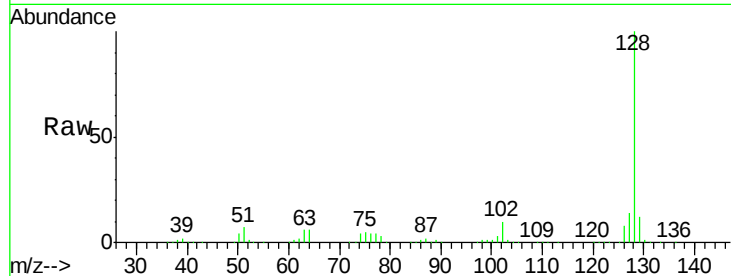
#31
Naphthalene
Concen: 45.85 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

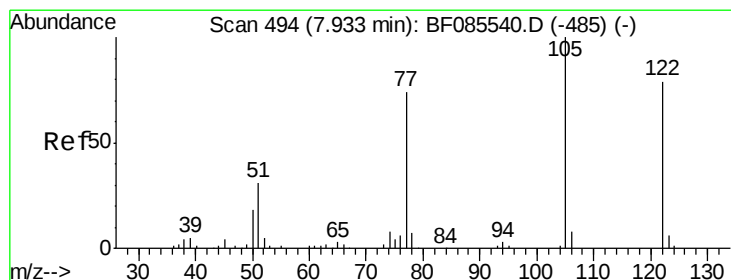
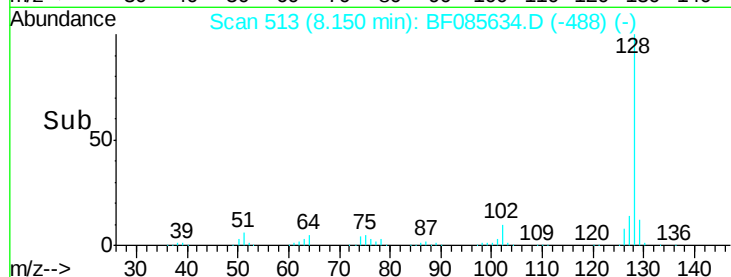
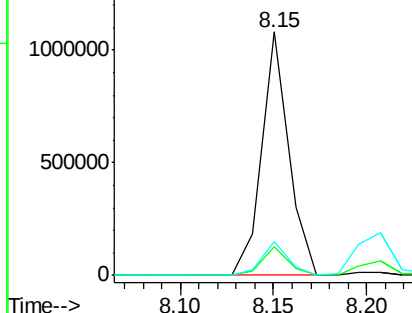
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6

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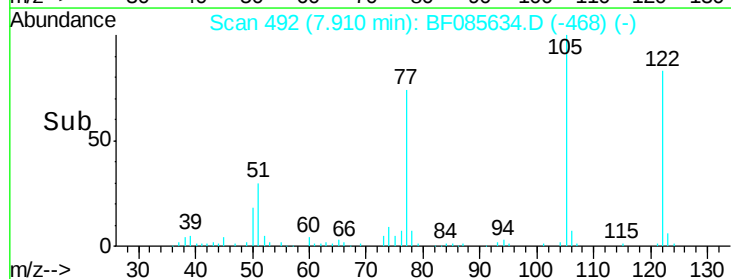
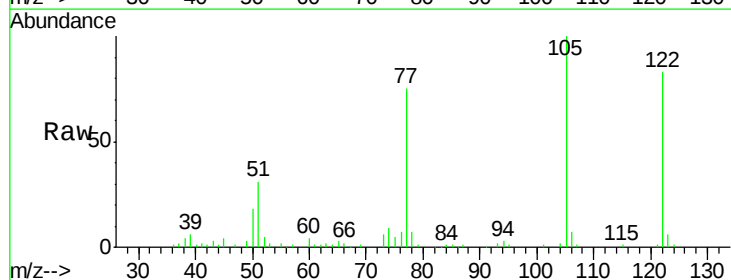
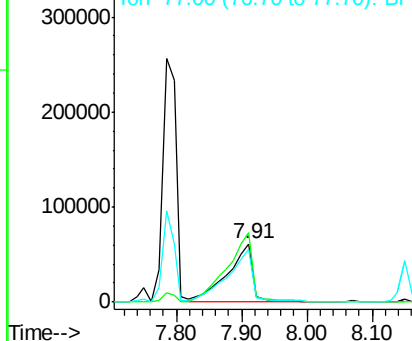
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

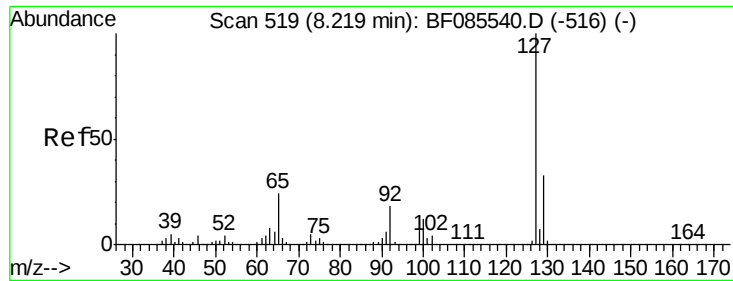


#32
Benzoic acid
Concen: 25.45 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	102.9	142.9
77	90.0	71.8	111.8

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





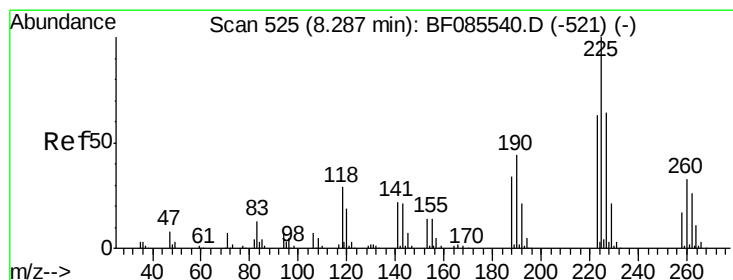
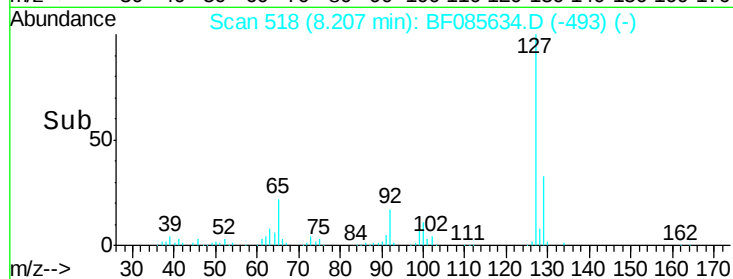
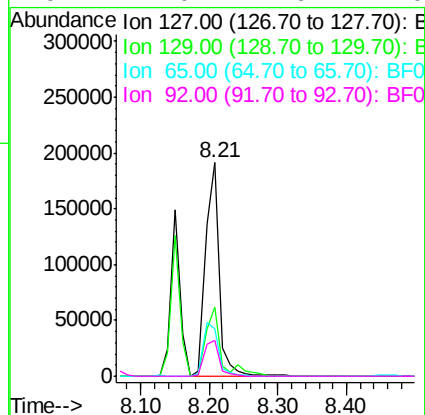
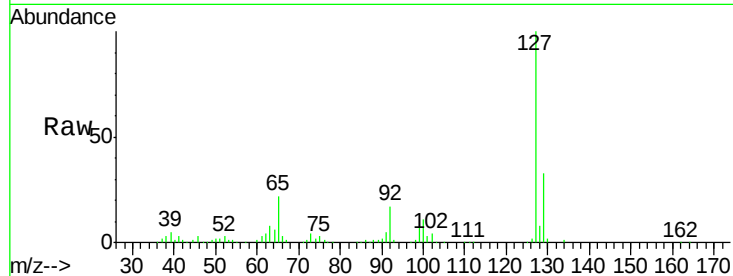
#33
4-Chloroaniline
Concen: 27.23 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	262819		
129	32.7	26.1	39.1	
65	22.4	19.5	29.3	
92	17.0	14.6	22.0	

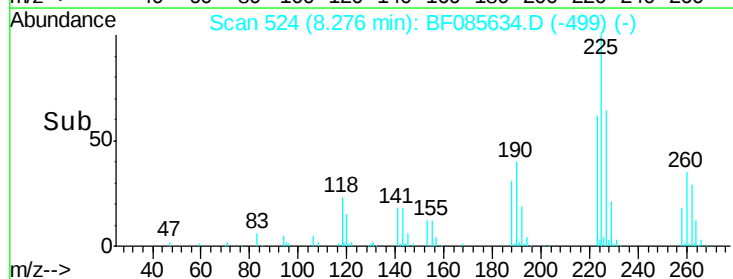
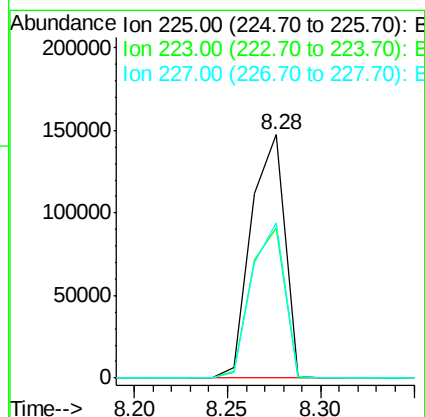
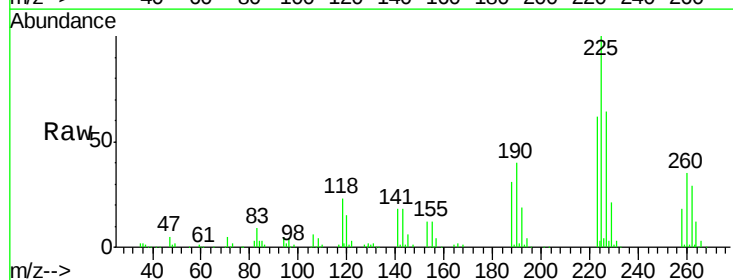
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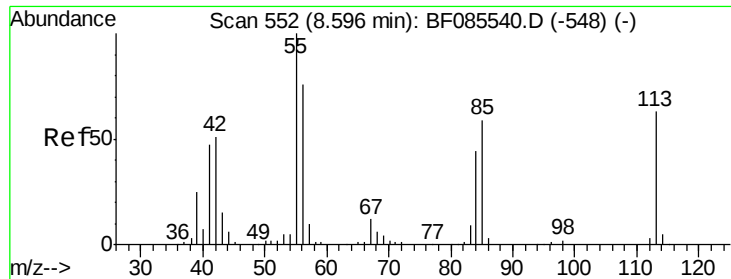
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#34
Hexachlorobutadiene
Concen: 48.23 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182834		
223	61.7	50.4	75.6	
227	63.7	51.4	77.2	





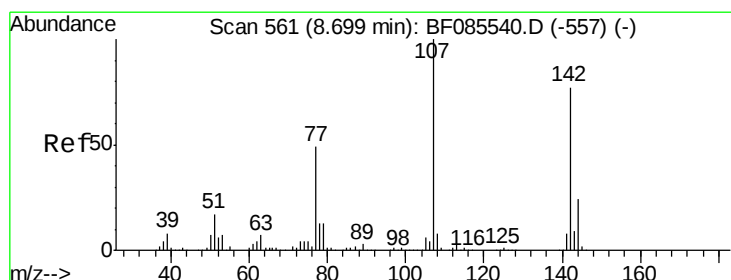
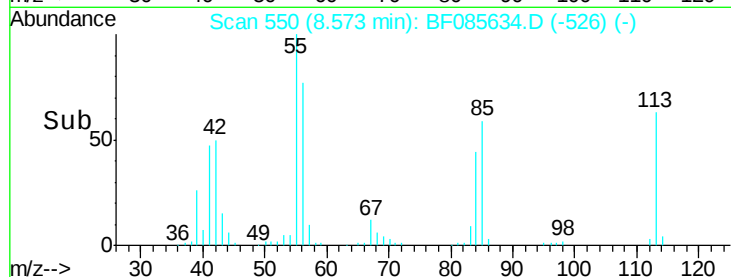
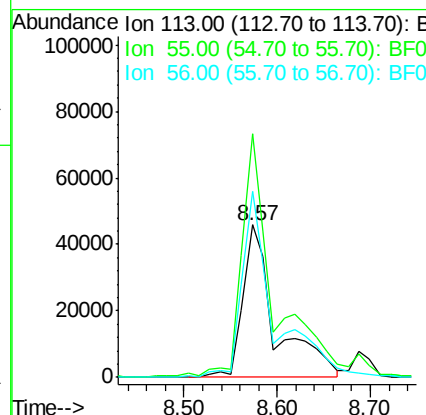
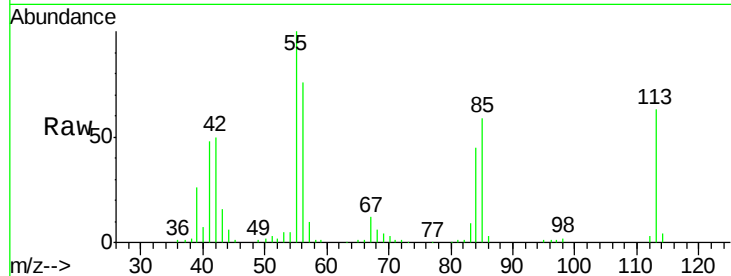
#35
 Caprolactam
 Concen: 51.46 ng m
 RT: 8.57 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112419		
55	159.7	139.4	179.4	
56	121.8	100.4	140.4	

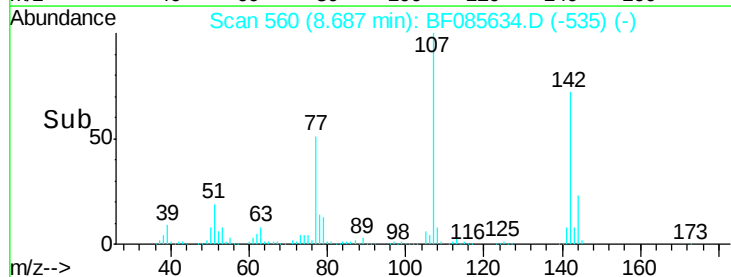
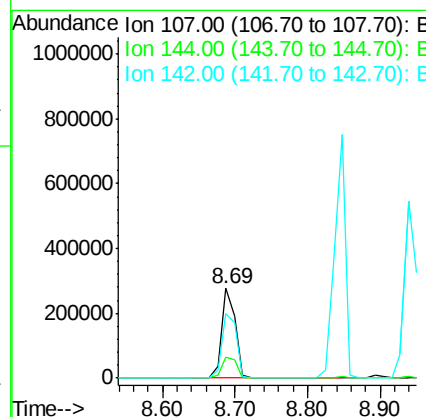
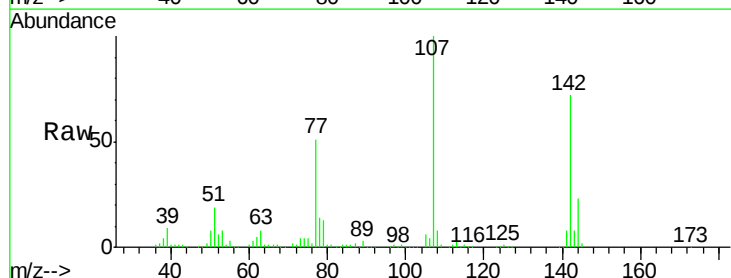
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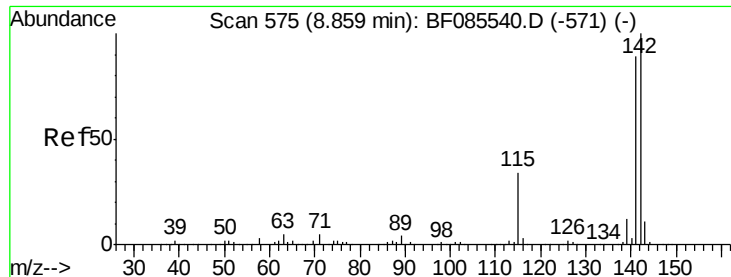
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#36
 4-Chloro-3-methylphenol
 Concen: 48.08 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	356581		
144	23.3	19.3	28.9	
142	72.3	61.4	92.0	





#37

2-Methylnaphthalene

Concen: 53.99 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF085634.D

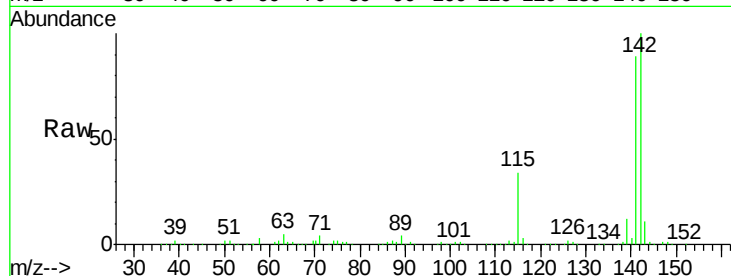
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

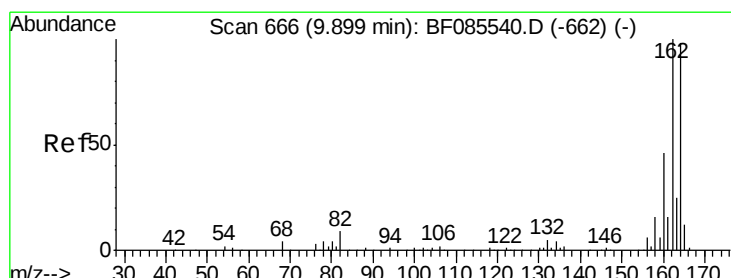
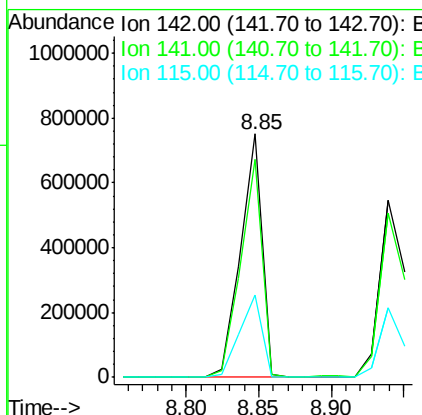
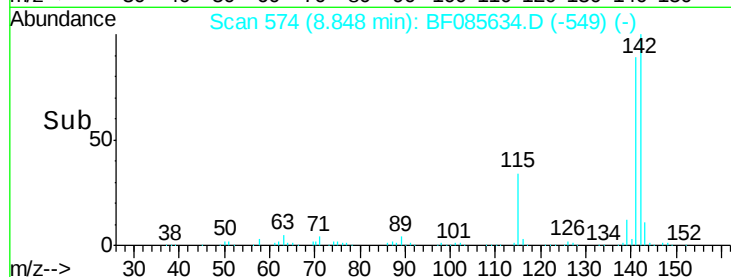
SOUTH-WALL(3-5)MSD



Tgt Ion:	142	Resp:	774963
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.6	107.4
115	33.7	26.8	40.2

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#38

Acenaphthene-d10

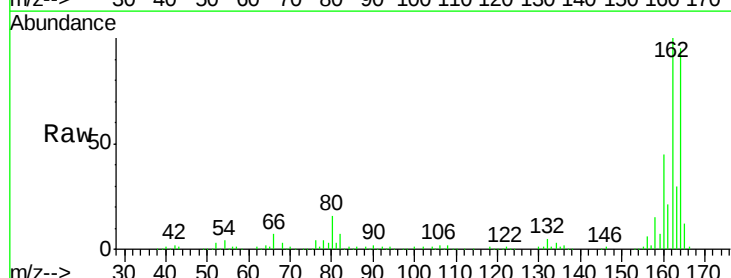
Concen: 20.00 ng

RT: 9.89 min Scan# 665

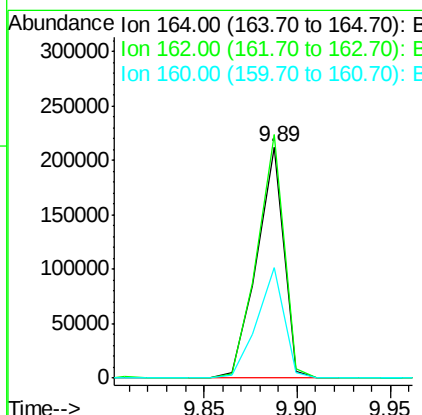
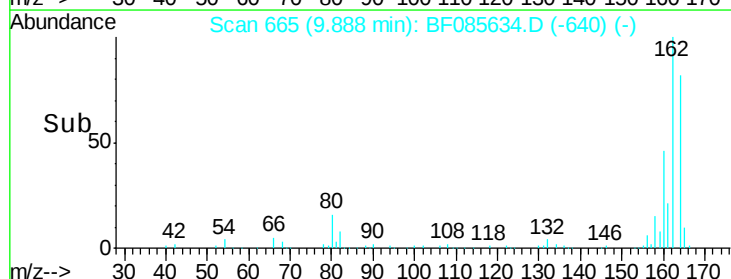
Delta R.T. -0.01 min

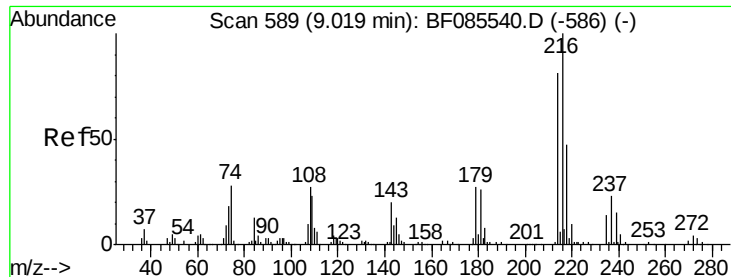
Lab File: BF085634.D

Acq: 21 Mar 2016 20:55



Tgt Ion:	164	Resp:	211667
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.1	123.1
160	47.6	37.4	56.2





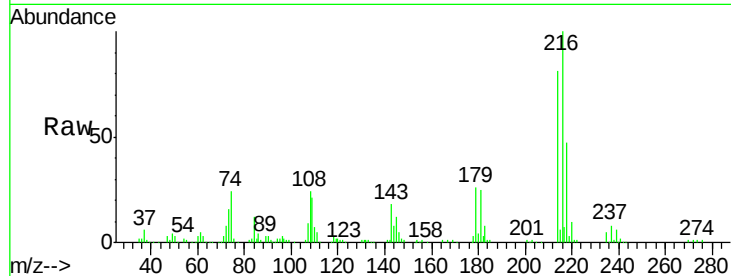
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.48 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

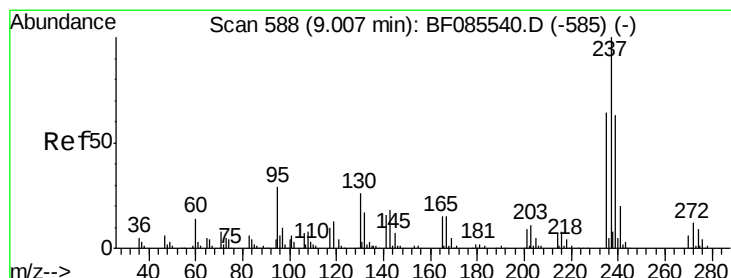
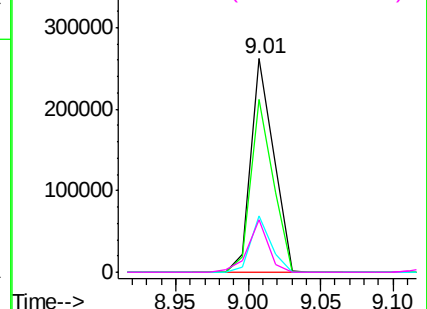
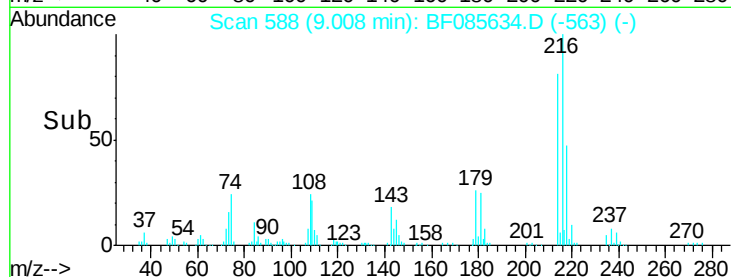
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.4	18.2	27.2
108	21.8	17.3	25.9

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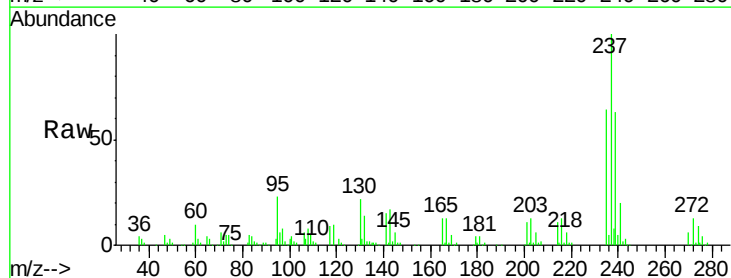


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

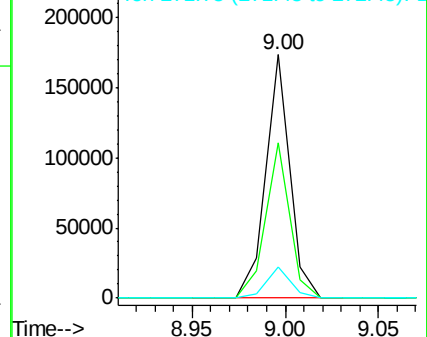
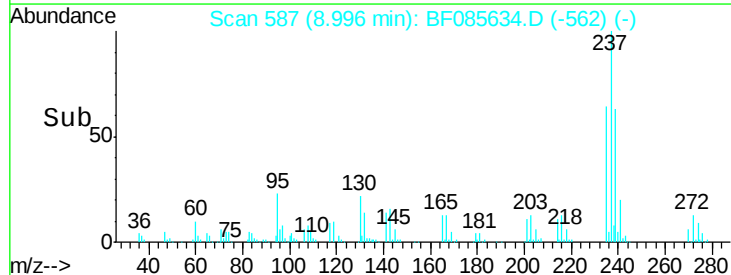


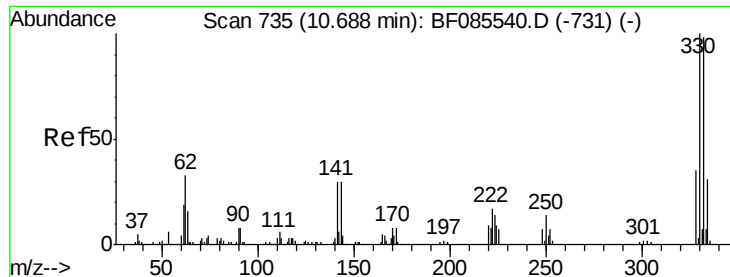
#40
 Hexachlorocyclopentadiene
 Concen: 53.29 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	43.7	83.7
272	12.7	0.0	31.9



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





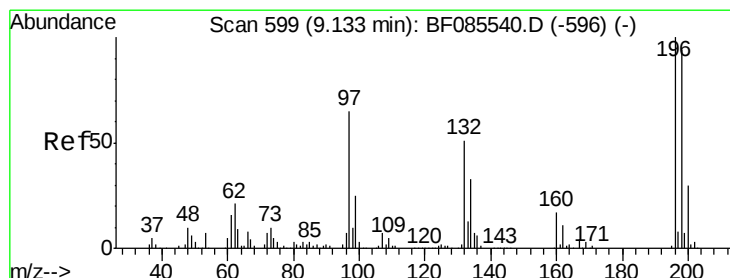
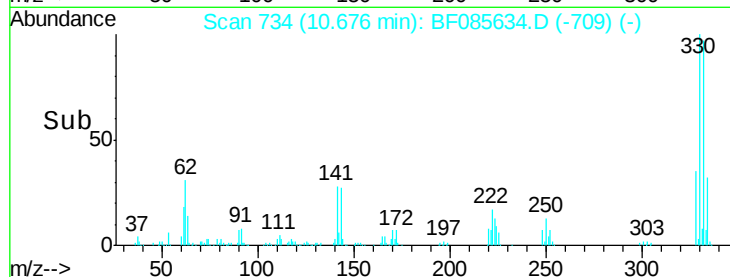
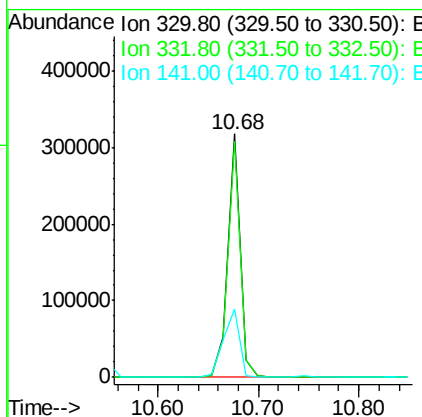
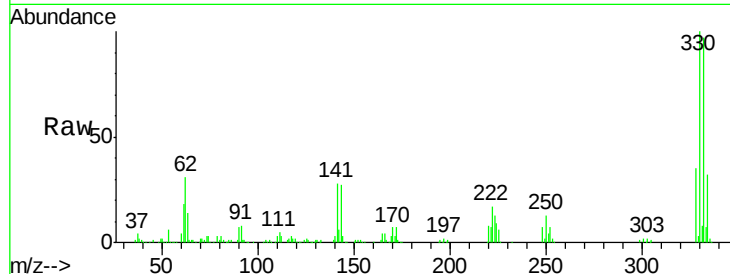
#41
 2,4,6-Tribromophenol
 Concen: 132.14 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	273979		
332	96.5	78.2	117.2	
141	36.6	31.5	47.3	

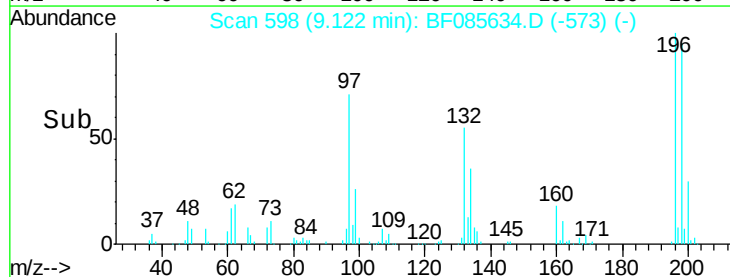
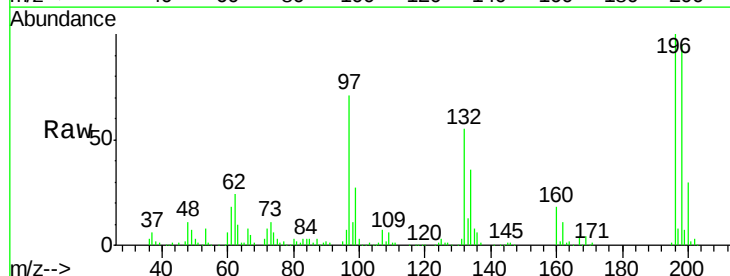
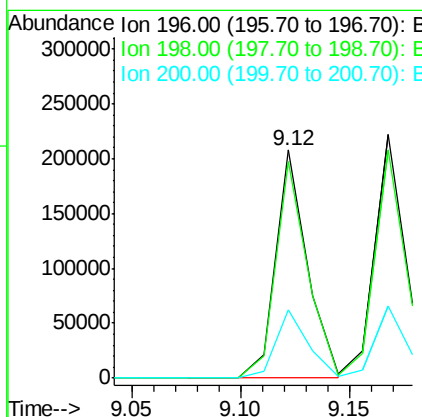
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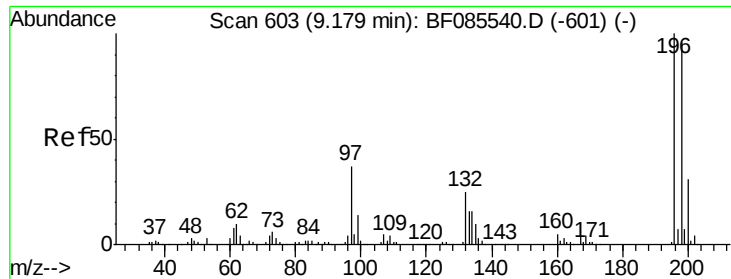
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#42
 2,4,6-Trichlorophenol
 Concen: 48.00 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210973		
198	95.5	75.3	112.9	
200	29.8	23.7	35.5	





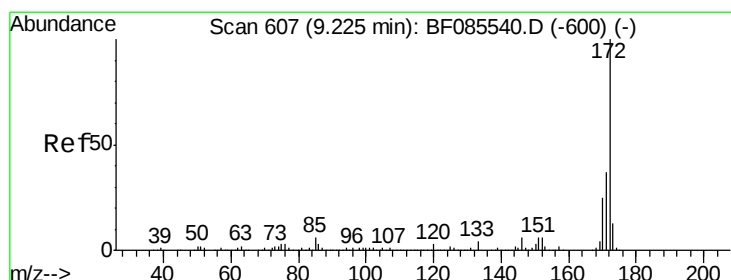
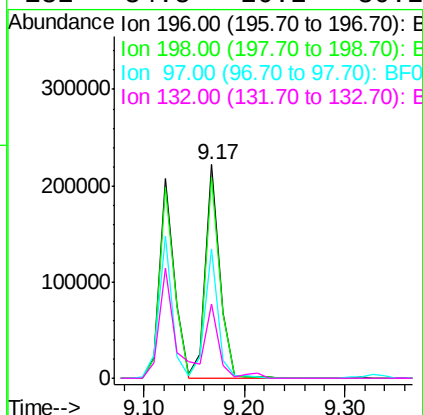
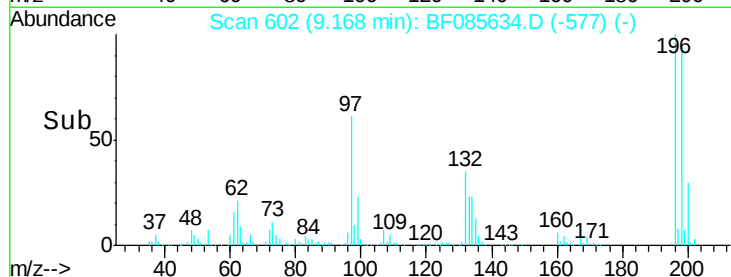
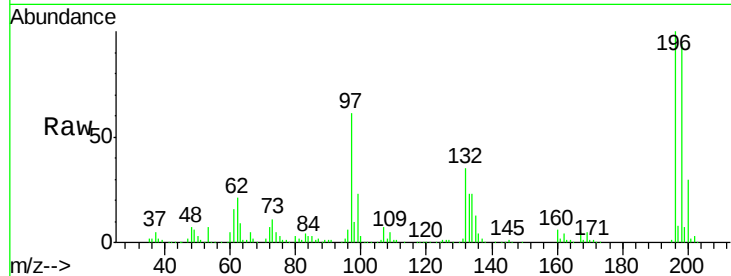
#43
 2,4,5-Trichlorophenol
 Concen: 49.58 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221789		
198	93.8	76.6	114.8	
97	60.8	30.5	45.7	#
132	34.8	20.2	30.2	#

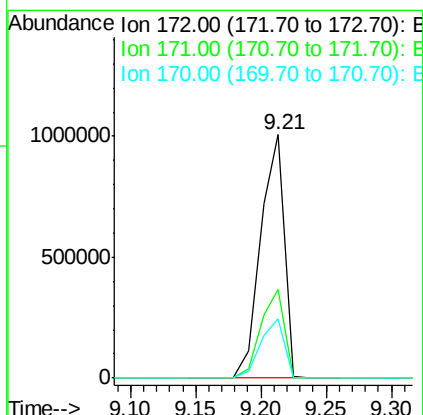
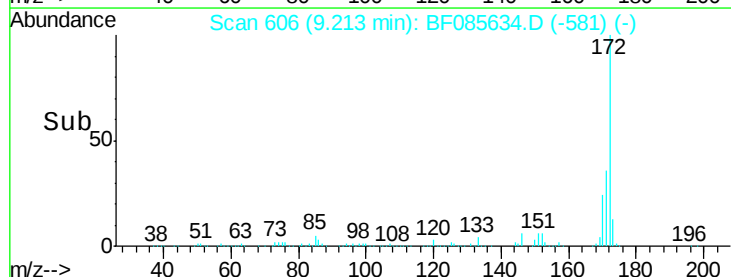
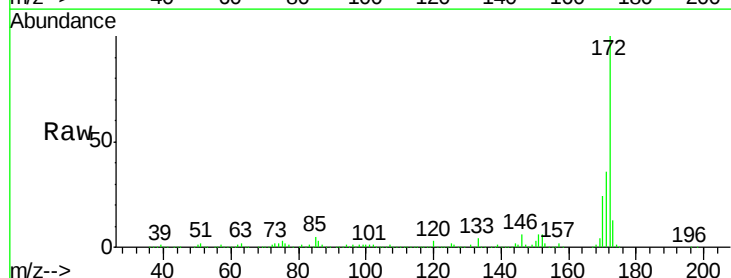
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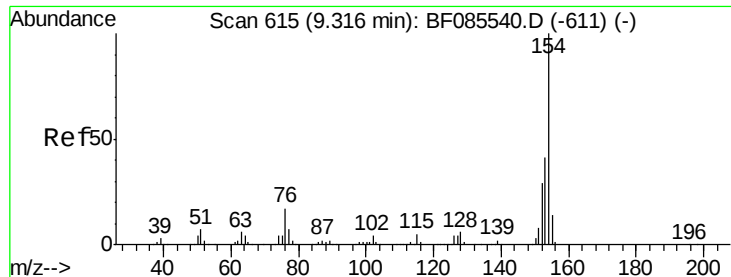
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#44
 2-Fluorobiphenyl
 Concen: 110.62 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1270093		
171	36.4	29.4	44.2	
170	24.4	19.8	29.6	





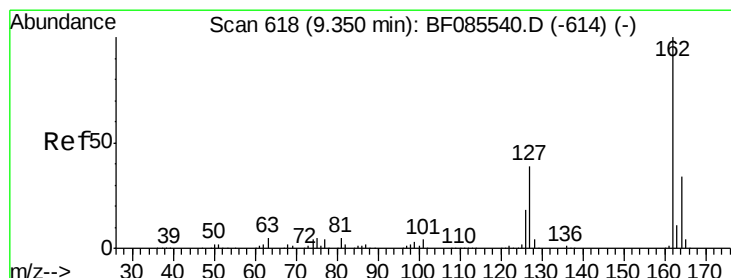
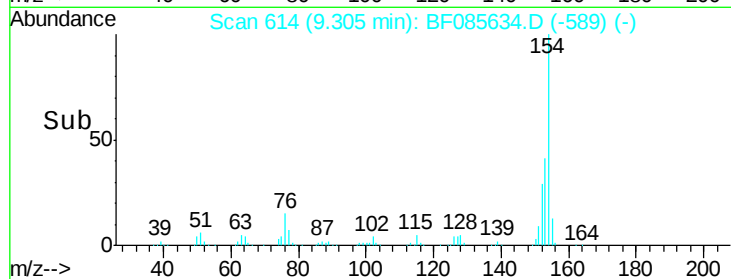
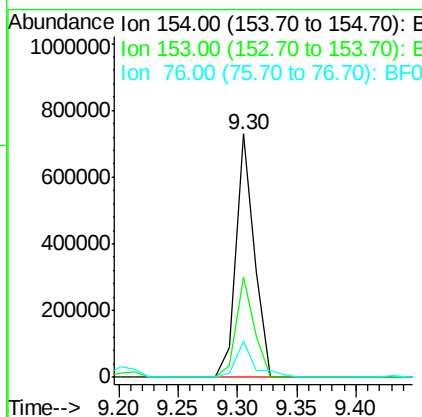
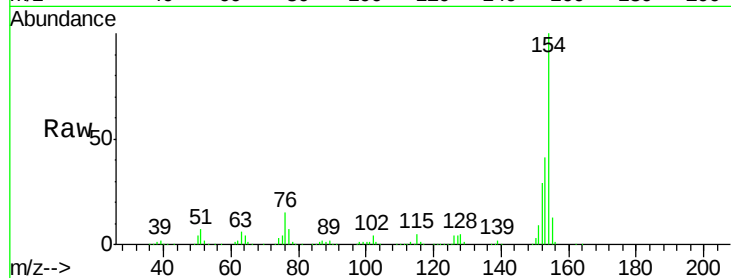
#45
1,1'-Biphenyl
Concen: 42.87 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.2	20.8	60.8
76	15.0	0.0	36.7

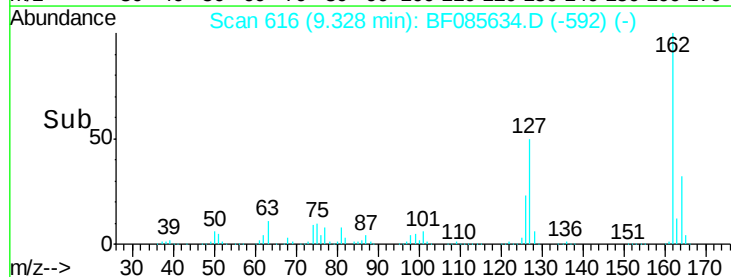
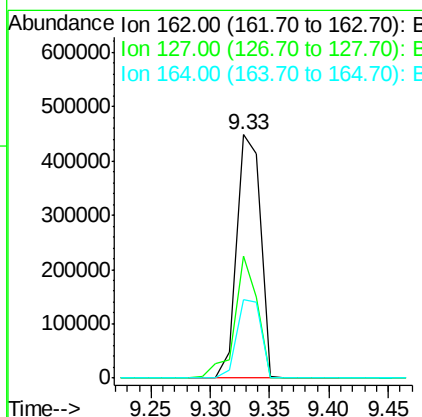
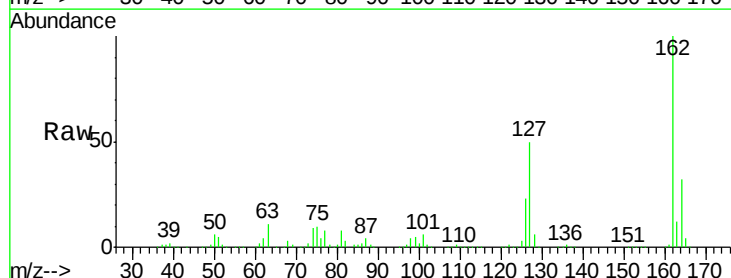
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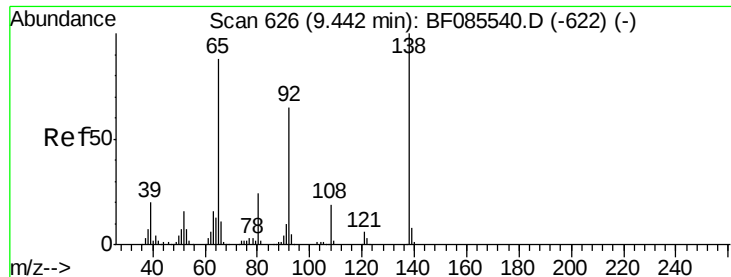
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#46
2-Chloronaphthalene
Concen: 47.16 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	50.0	31.7	47.5#
164	32.3	27.3	40.9





#47

2-Nitroaniline

Concen: 52.99 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

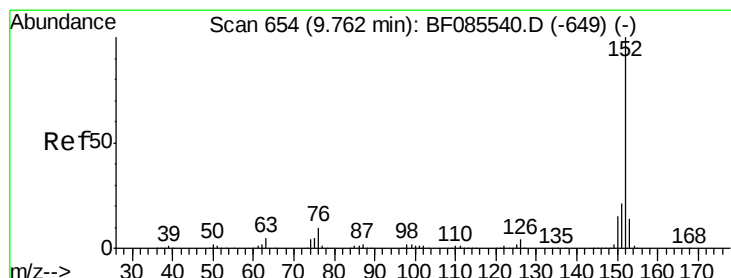
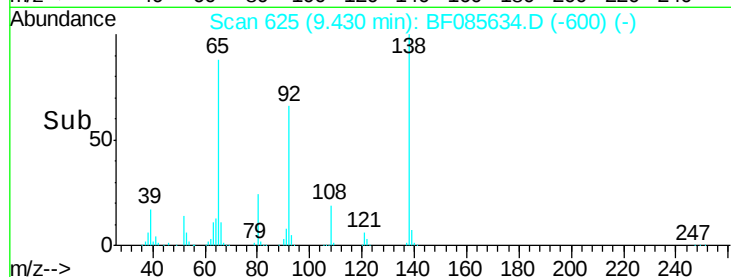
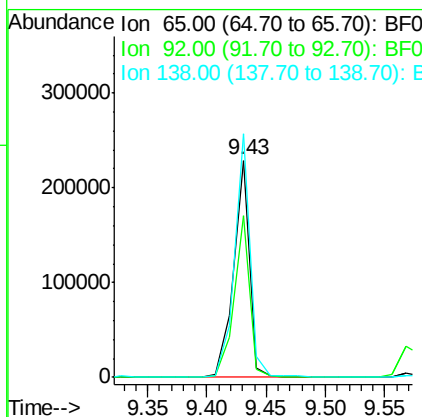
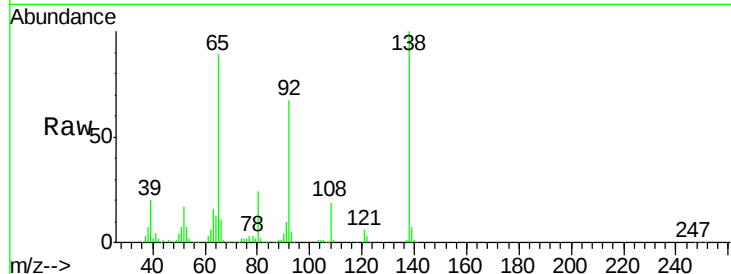
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	65	Resp:	213805
Ion Ratio	Lower	Upper	
65	100		
92	74.7	59.7	89.5
138	112.2	91.4	137.0

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#48

Acenaphthylene

Concen: 49.76 ng

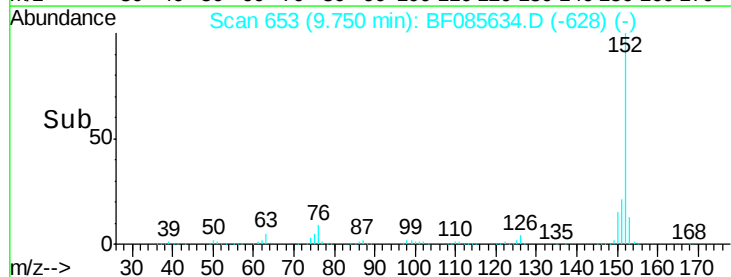
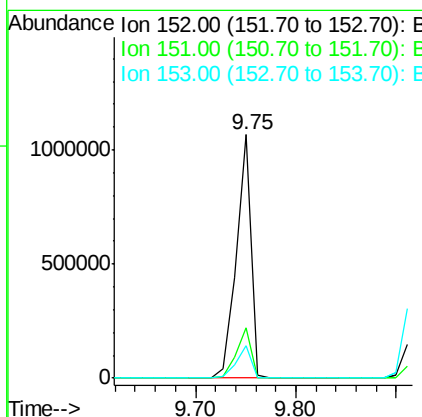
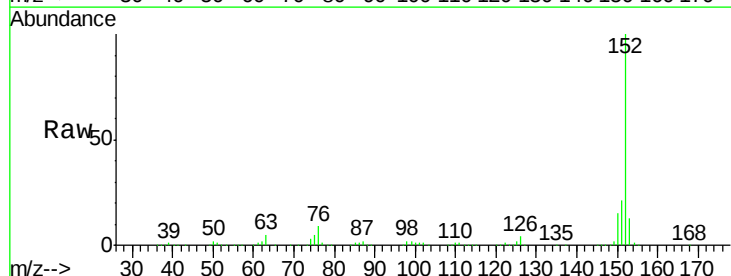
RT: 9.75 min Scan# 653

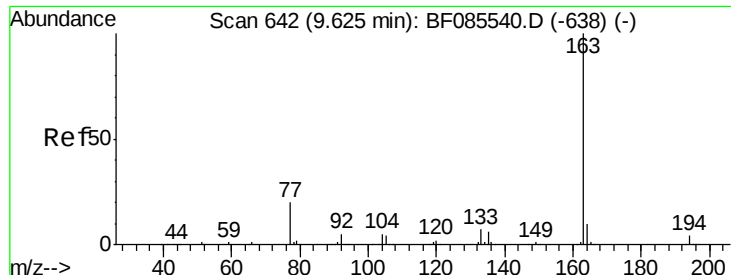
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	152	Resp:	1074110
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.4	10.9	16.3





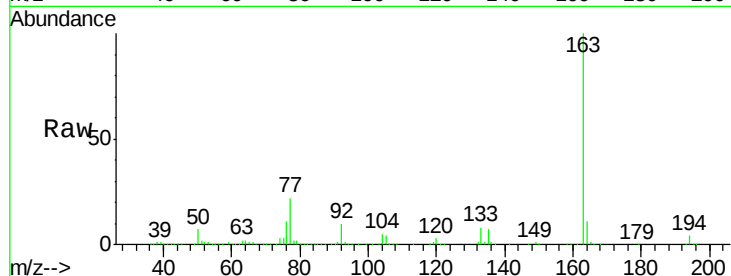
#49
Dimethylphthalate
Concen: 59.34 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

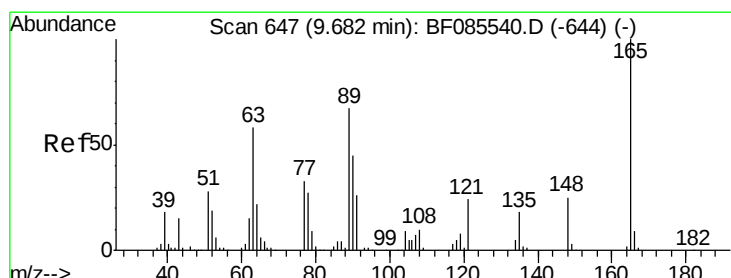
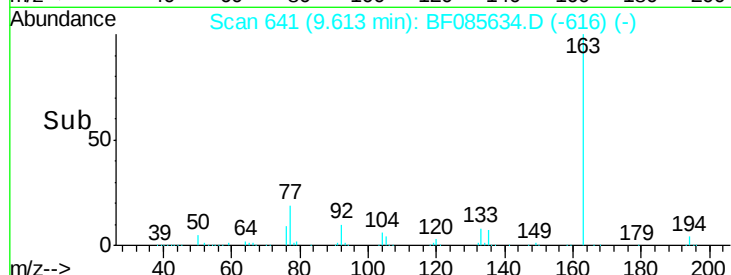
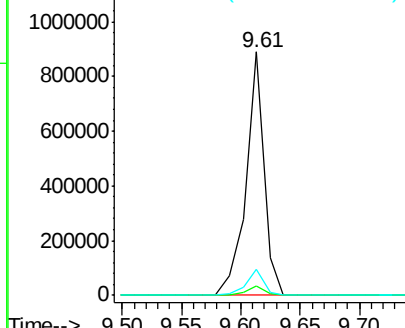
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.7	8.3	12.5

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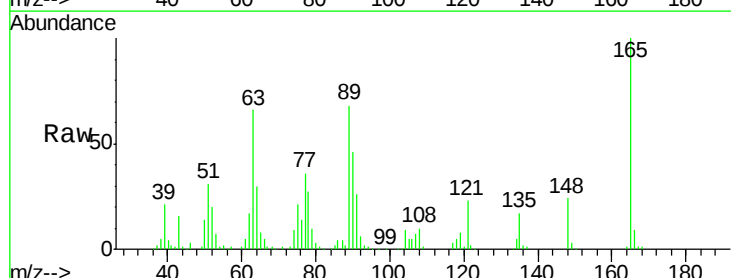


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

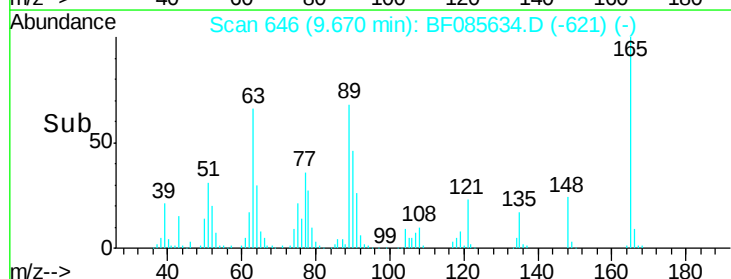
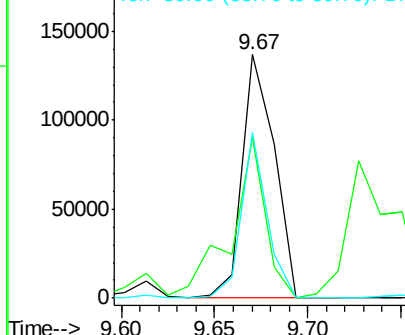


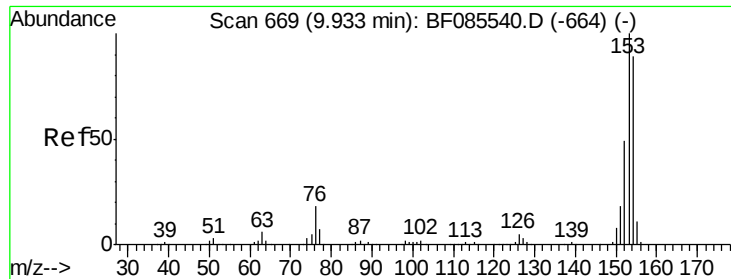
#50
2,6-Dinitrotoluene
Concen: 48.52 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.8	51.8	77.8
89	67.9	53.7	80.5



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





#51

Acenaphthene

Concen: 49.49 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085634.D

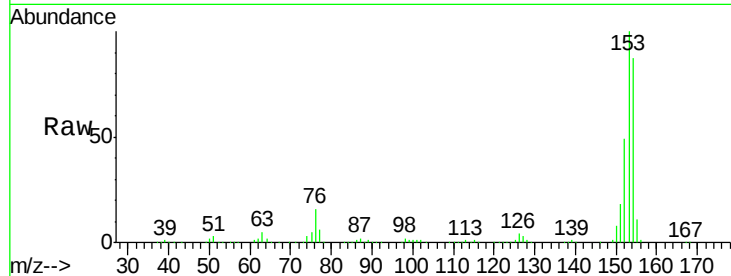
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

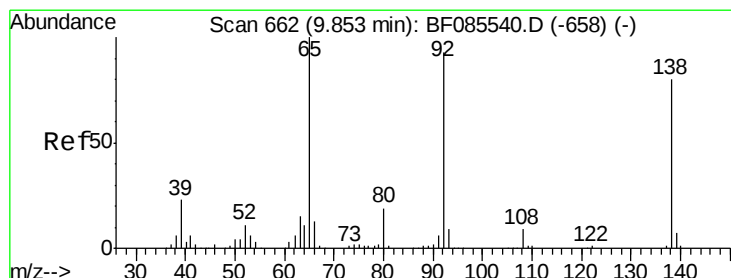
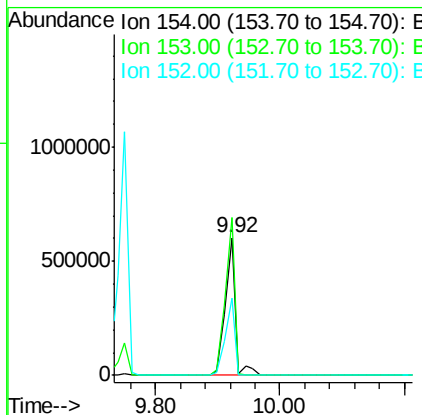
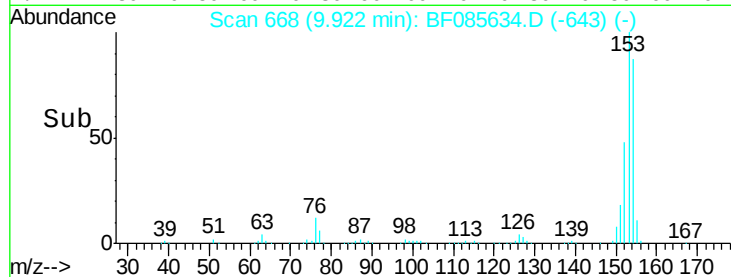
SOUTH-WALL(3-5)MSD



Tgt Ion:	154	Resp:	670373
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.1	135.1
152	55.6	44.2	66.2

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#52

3-Nitroaniline

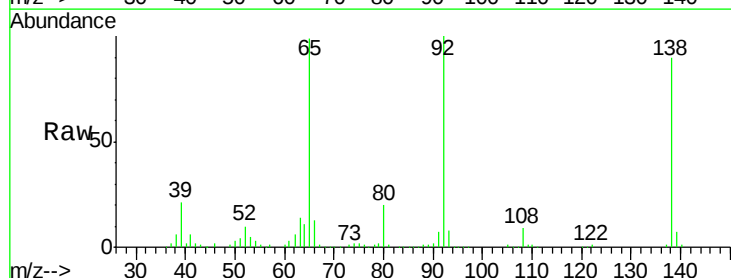
Concen: 34.99 ng

RT: 9.84 min Scan# 661

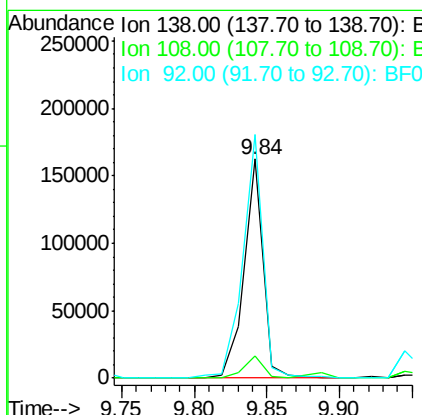
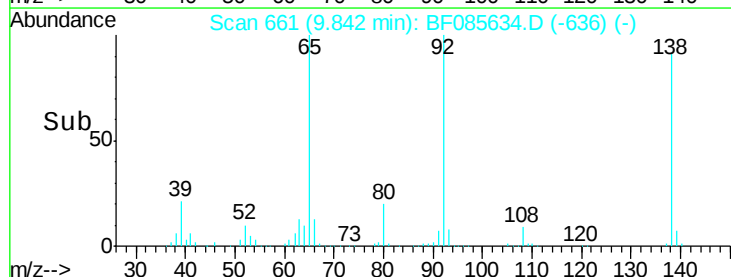
Delta R.T. -0.01 min

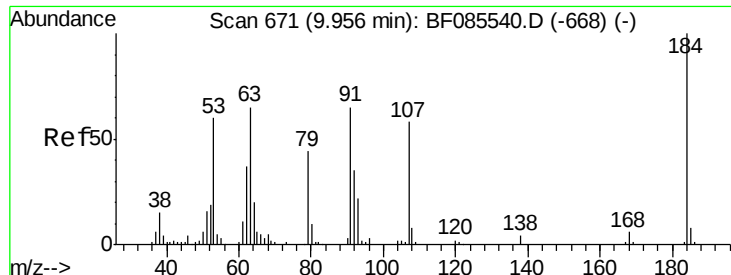
Lab File: BF085634.D

Acq: 21 Mar 2016 20:55



Tgt Ion:	138	Resp:	147754
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	111.3	93.3	139.9





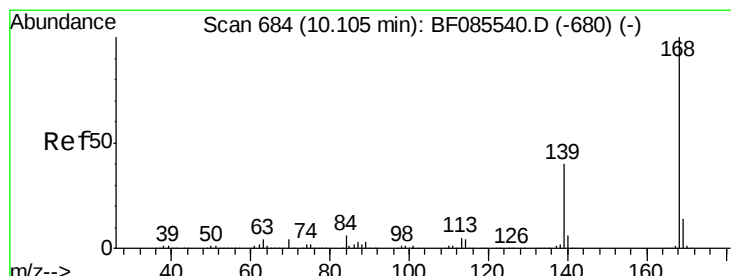
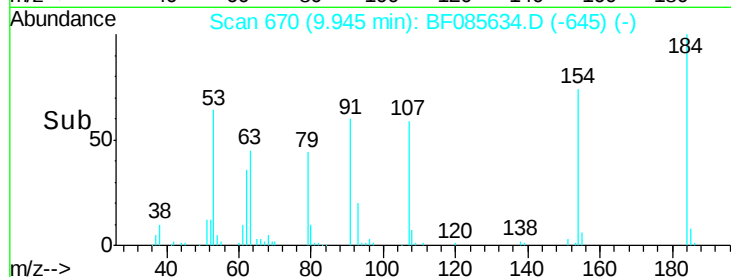
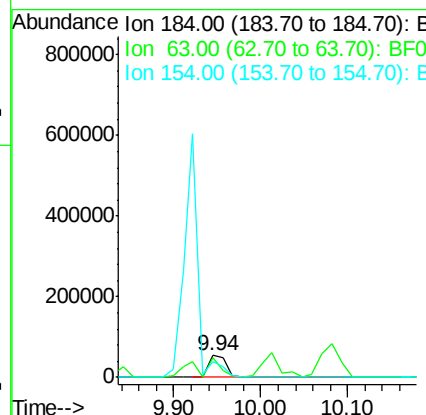
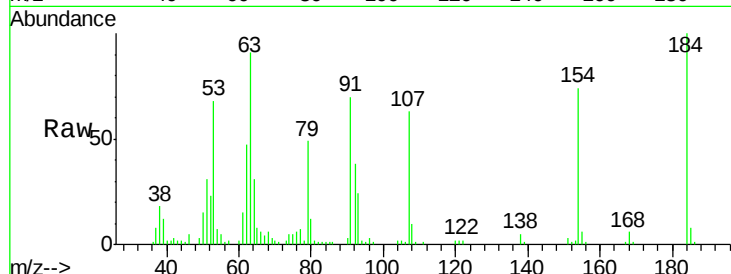
#53
2,4-Dinitrophenol
Concen: 38.72 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	79994		
63	90.8	69.5	104.3	
154	74.2	58.3	87.5	

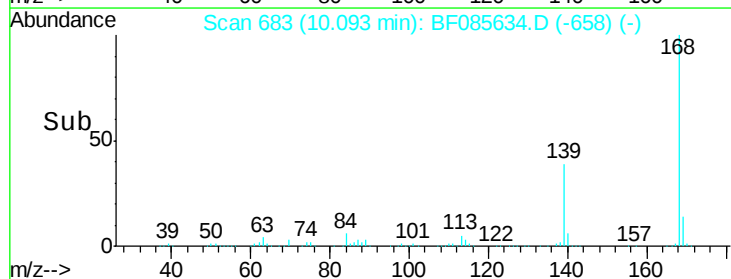
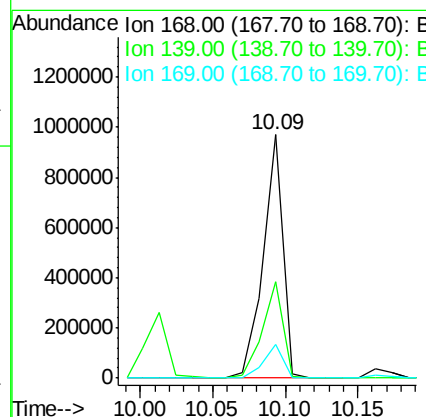
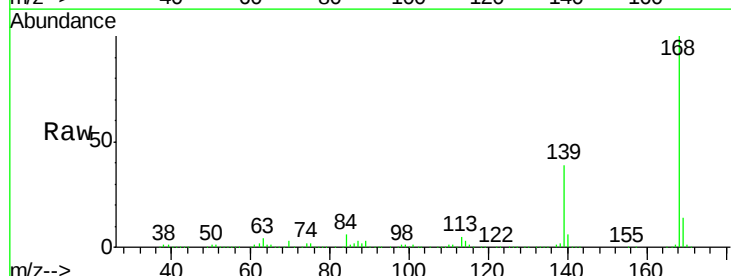
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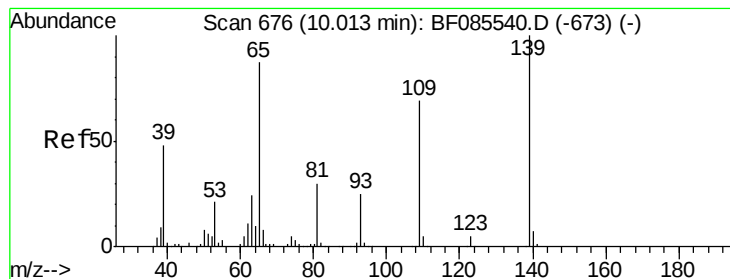
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#54
Dibenzofuran
Concen: 55.23 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	911093		
139	39.5	31.9	47.9	
169	13.6	11.0	16.6	





#55

4-Nitrophenol

Concen: 85.86 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

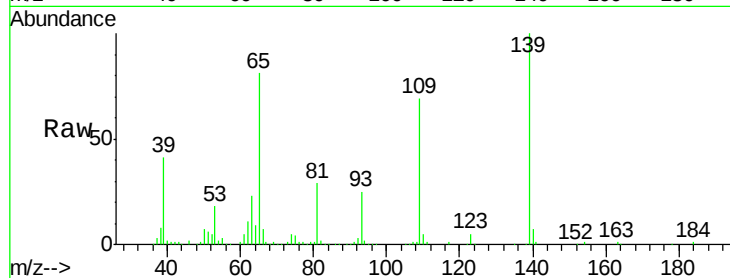
ClientSampleId :

SOUTH-WALL(3-5)MSD

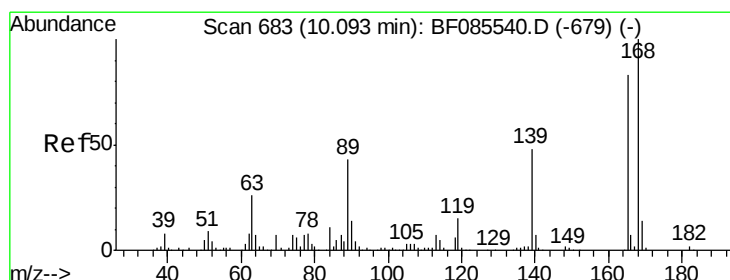
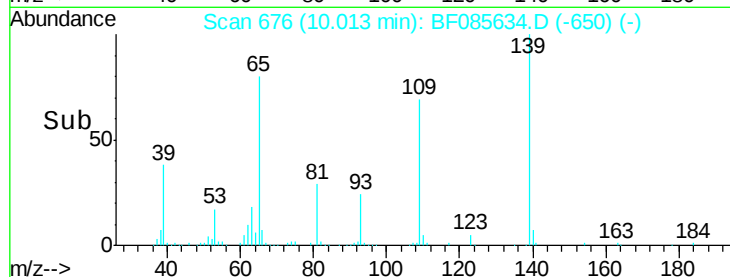
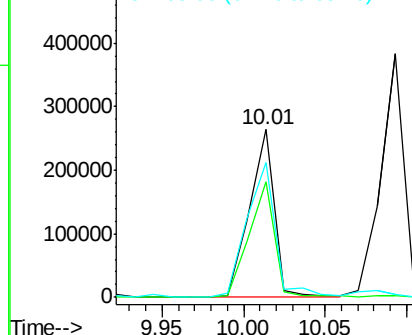
Tgt Ion:	139	Resp:	280251
Ion Ratio	Lower	Upper	
139	100		
109	68.8	49.2	89.2
65	80.6	66.9	106.9

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



#56

2,4-Dinitrotoluene

Concen: 55.11 ng

RT: 10.08 min Scan# 682

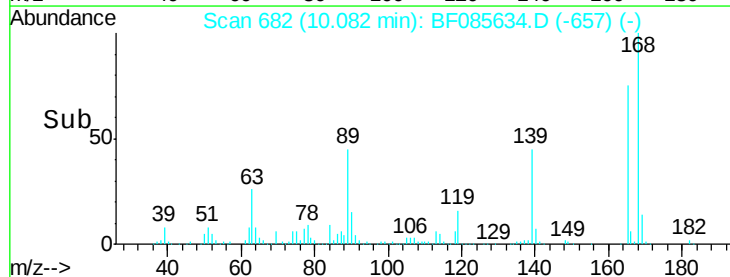
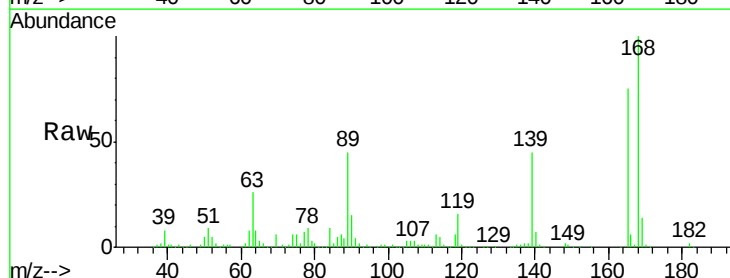
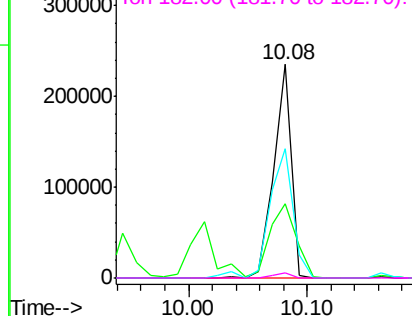
Delta R.T. -0.01 min

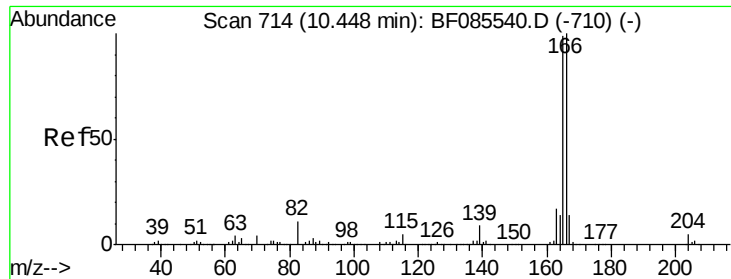
Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	165	Resp:	243284
Ion Ratio	Lower	Upper	
165	100		
63	34.9	24.9	37.3
89	60.4	41.0	61.6
182	2.7	2.1	3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.09 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085634.D

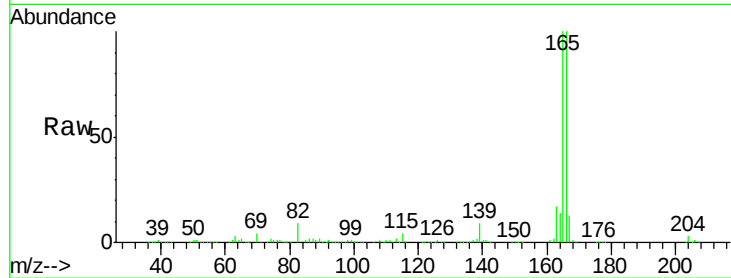
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

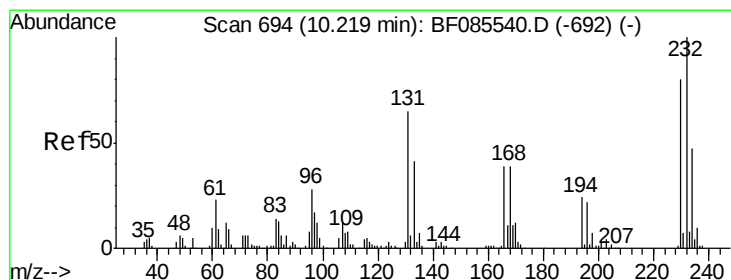
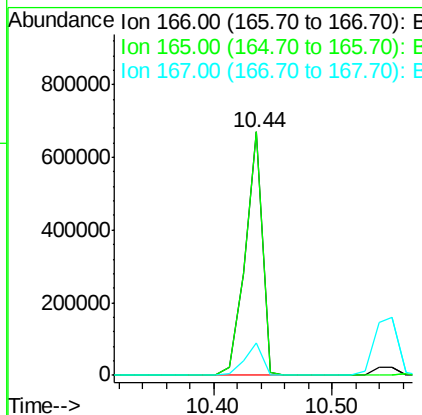
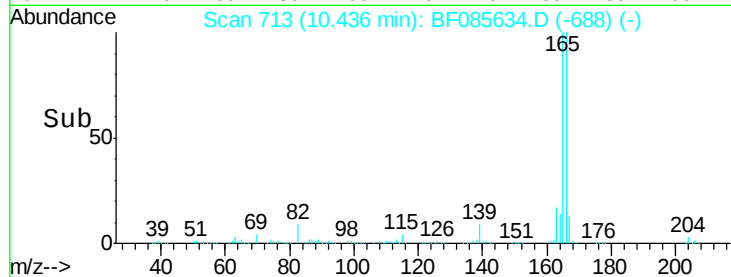
SOUTH-WALL(3-5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.4	119.0	
167	13.4	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

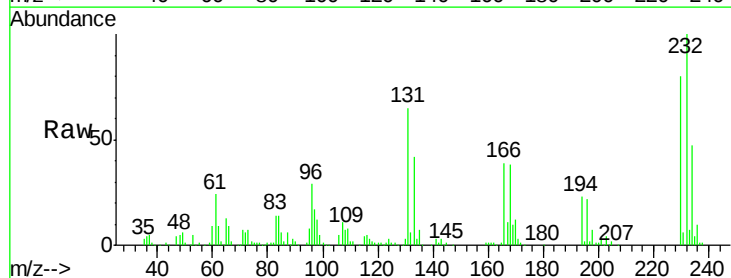
Concen: 49.46 ng

RT: 10.21 min Scan# 693

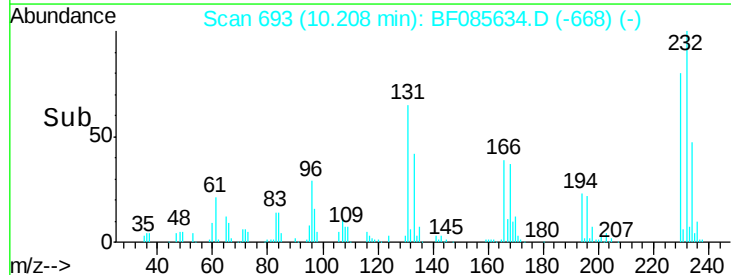
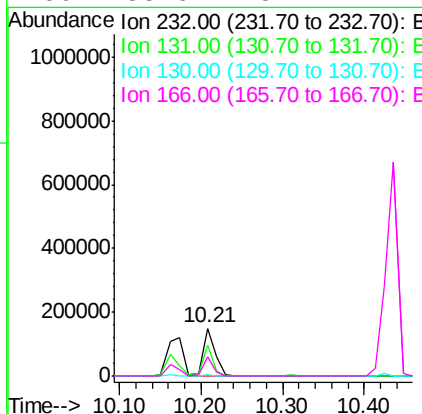
Delta R.T. -0.01 min

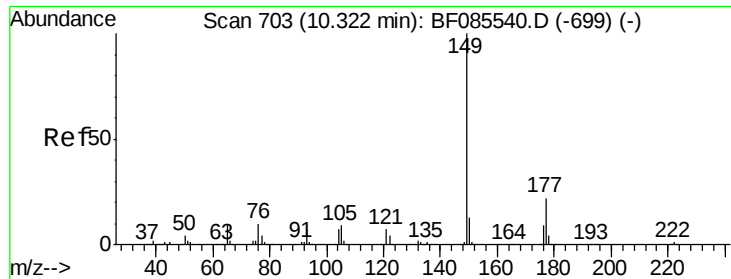
Lab File: BF085634.D

Acq: 21 Mar 2016 20:55



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.3	44.9	67.3	
130	2.7	2.3	3.5	
166	33.6	28.1	42.1	





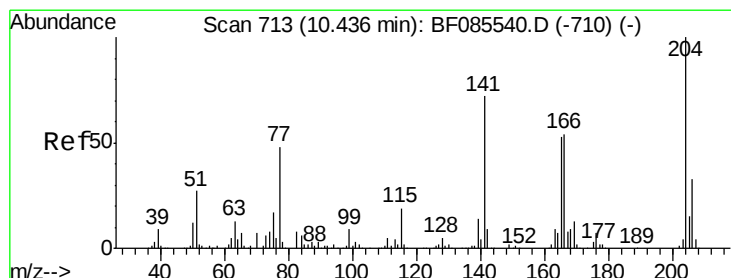
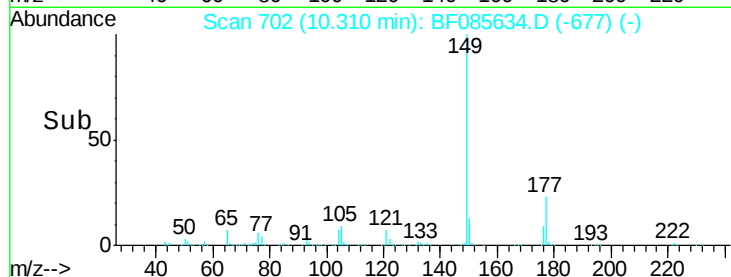
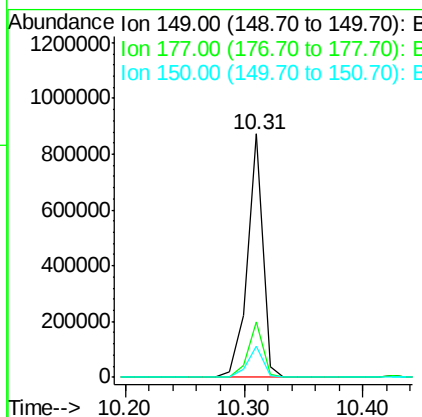
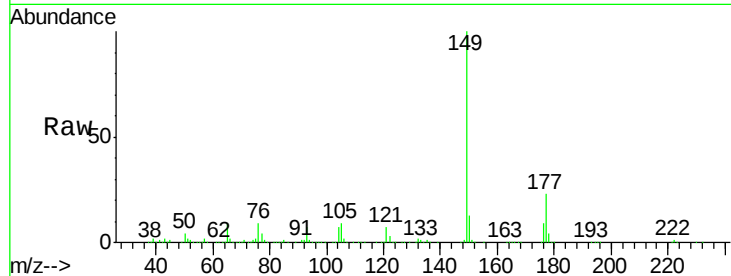
#59
Diethylphthalate
Concen: 49.91 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	792617		
177	22.7	17.9	26.9	
150	12.9	10.2	15.2	

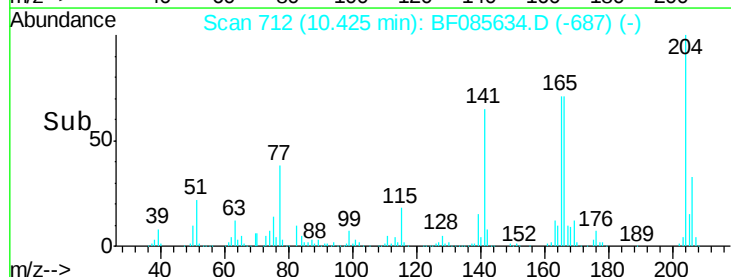
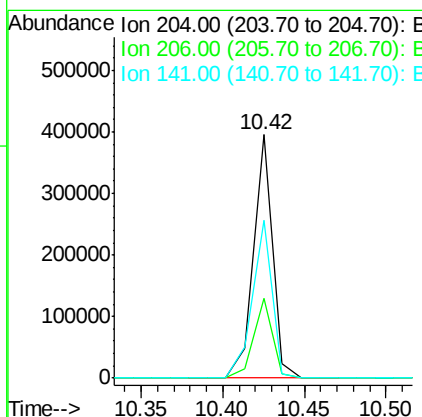
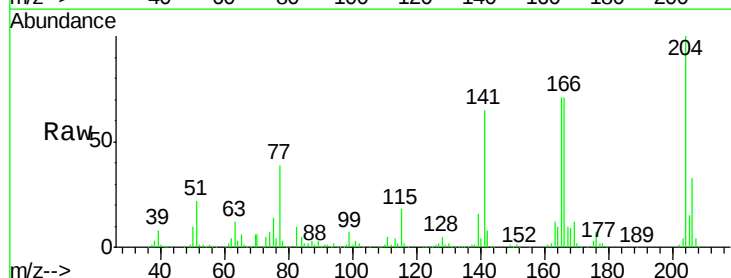
Manual Integrations
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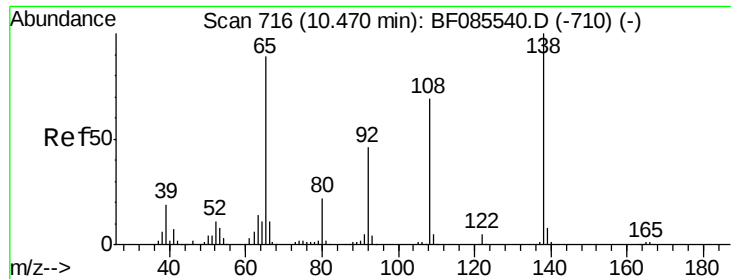
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#60
4-Chlorophenyl-phenylether
Concen: 47.87 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	321337		
206	32.8	26.6	39.8	
141	64.7	57.4	86.0	





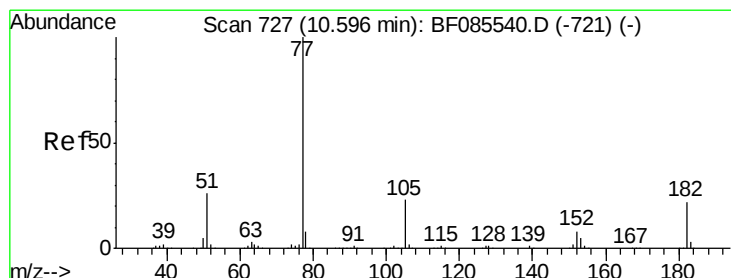
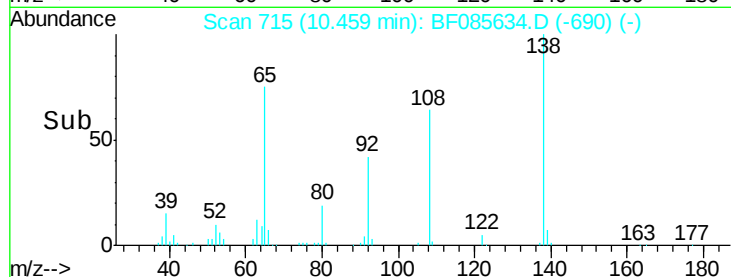
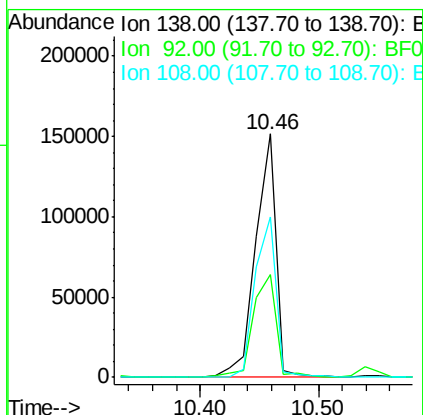
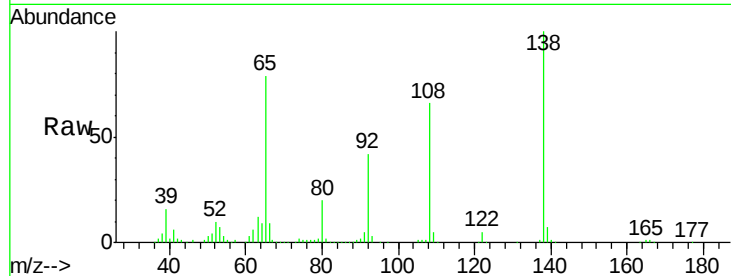
#61
4-Nitroaniline
Concen: 44.05 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	183396		
92	42.1	26.4	66.4	
108	65.7	49.0	89.0	

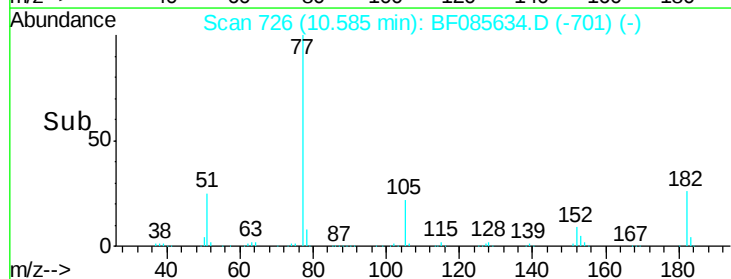
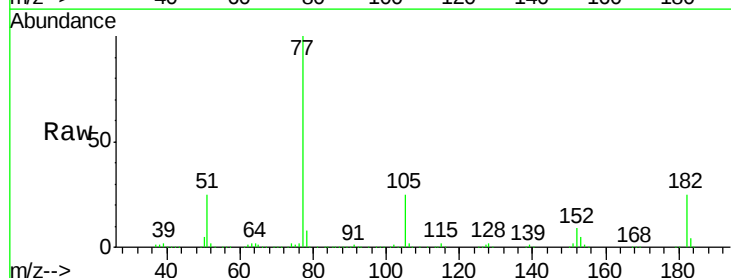
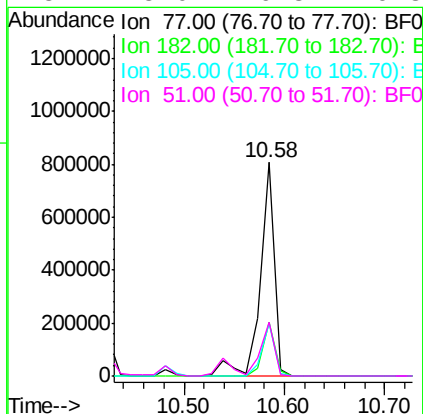
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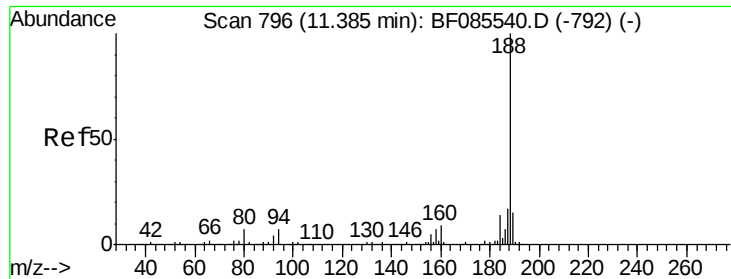
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#62
Azobenzene
Concen: 52.05 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	793149		
182	25.3	1.9	41.9	
105	24.6	3.5	43.5	
51	25.0	6.3	46.3	





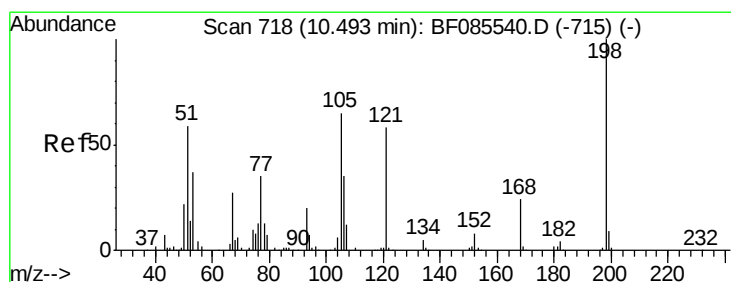
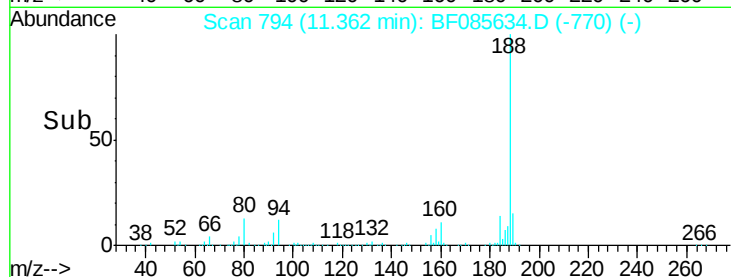
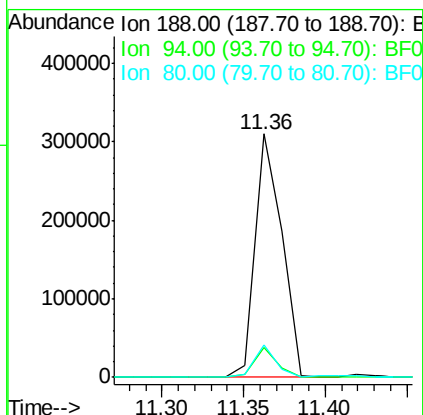
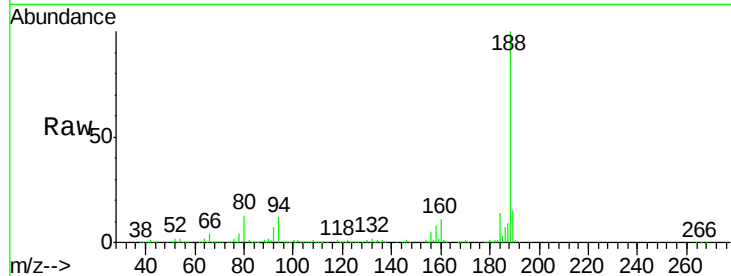
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	5.4	8.0#
80	13.2	5.5	8.3#

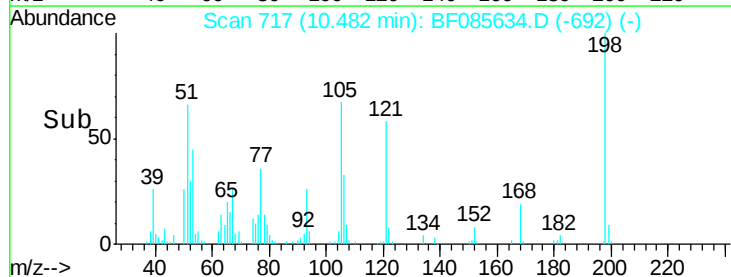
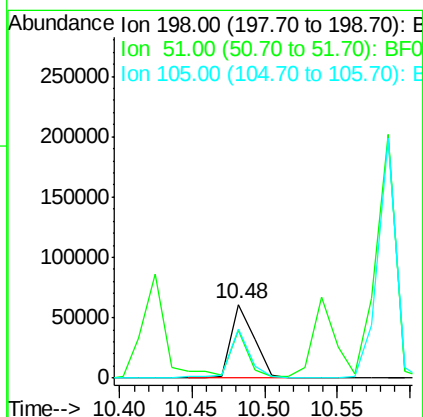
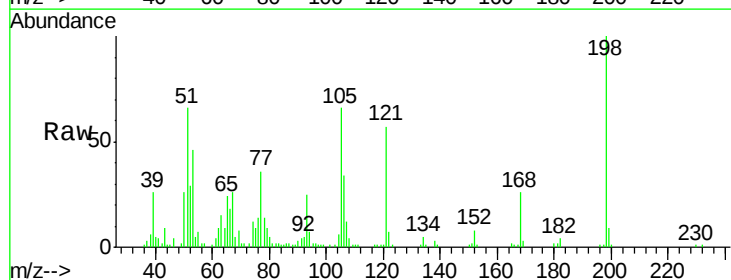
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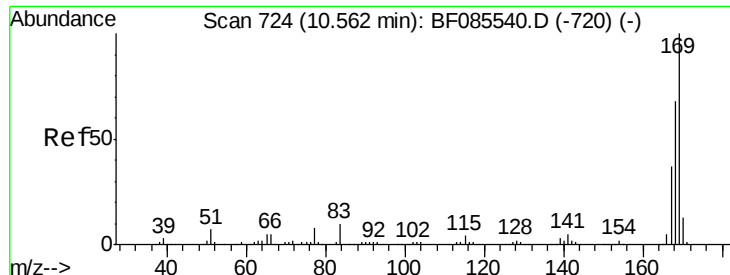
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.01 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.6	45.4	85.4
105	66.4	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 54.61 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

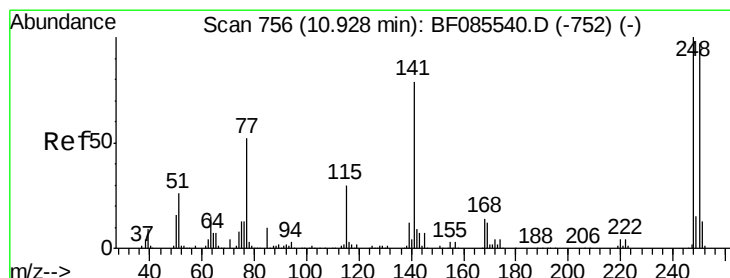
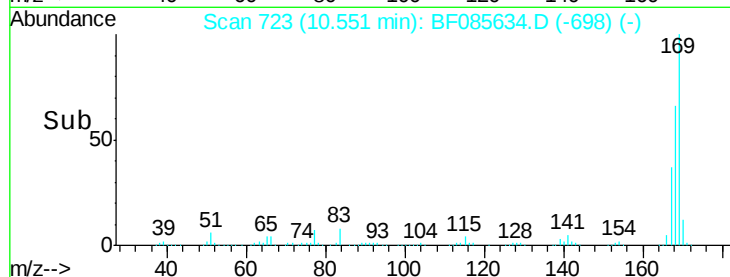
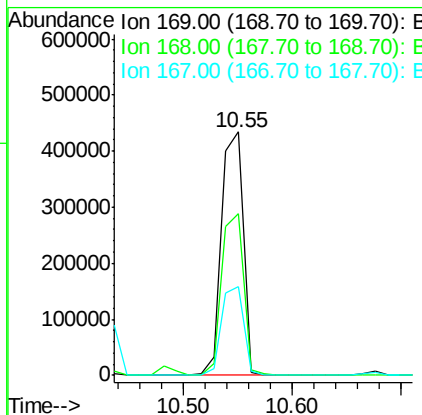
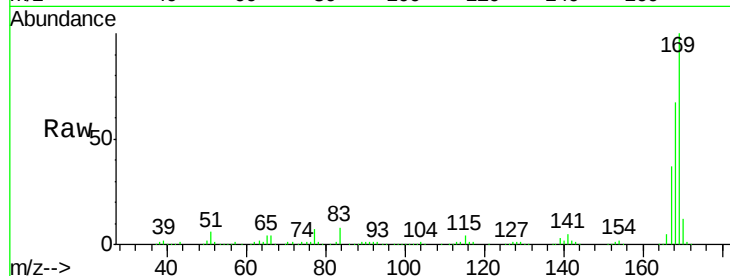
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	169	Resp:	601471
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.4	81.6
167	36.6	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 57.04 ng

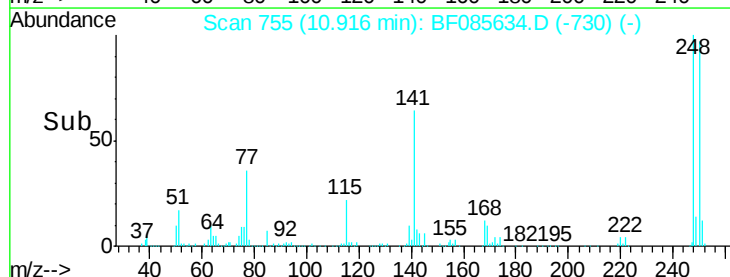
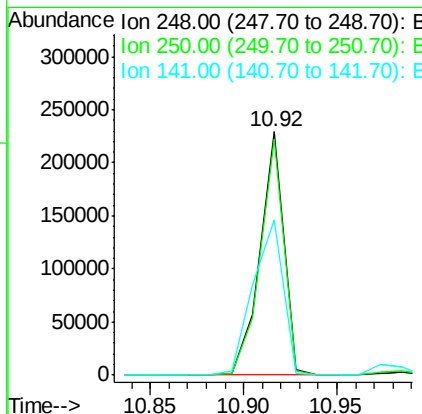
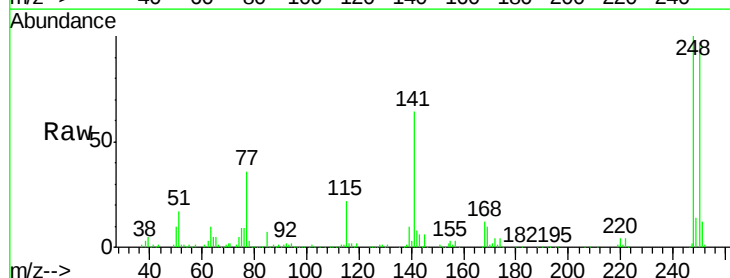
RT: 10.92 min Scan# 755

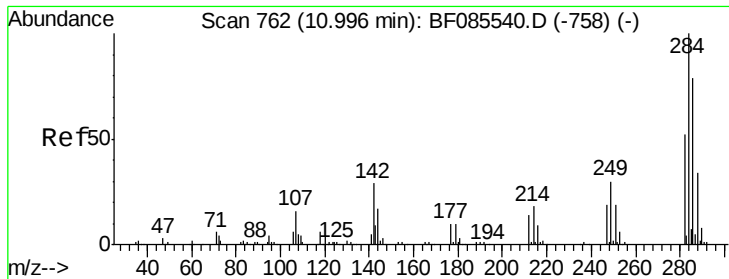
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	248	Resp:	201458
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.4	116.0
141	63.9	63.6	95.4





#67

Hexachlorobenzene

Concen: 53.76 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF085634.D

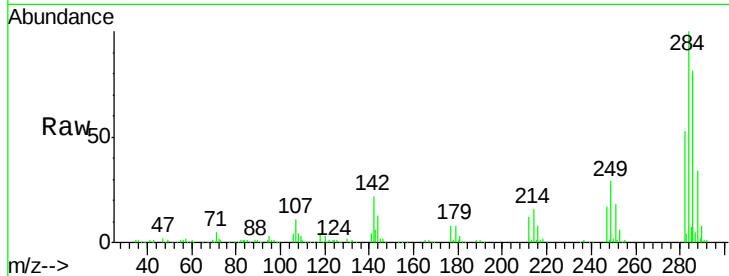
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

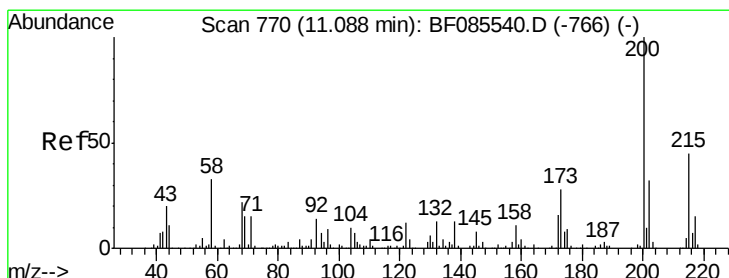
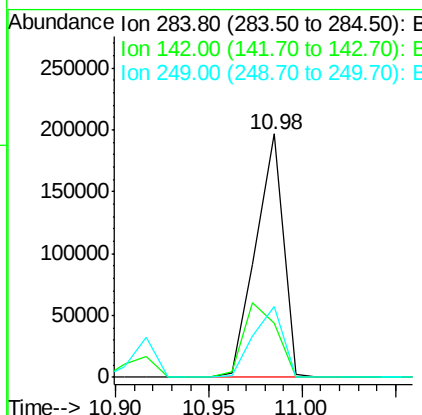
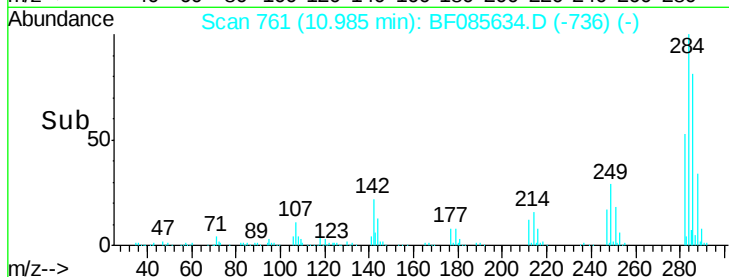
SOUTH-WALL(3-5)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	201725		
142	22.2	23.1	34.7#	
249	29.1	24.2	36.2	

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#68

Atrazine

Concen: 61.53 ng

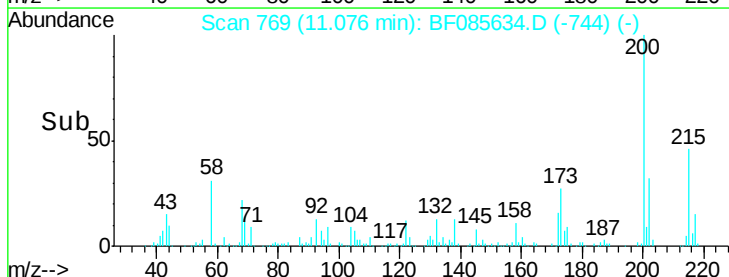
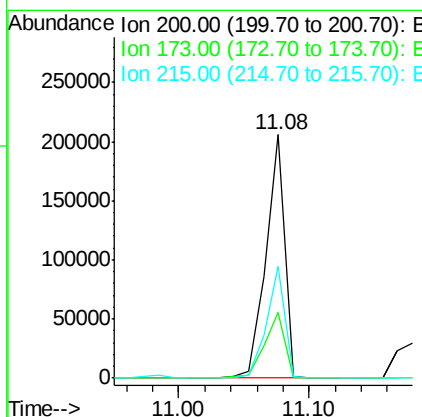
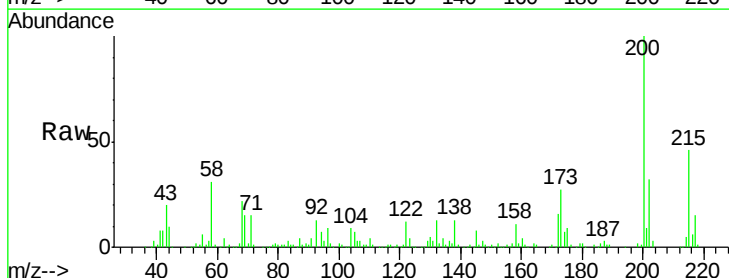
RT: 11.08 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	206335		
173	27.2	7.7	47.7	
215	46.1	25.4	65.4	





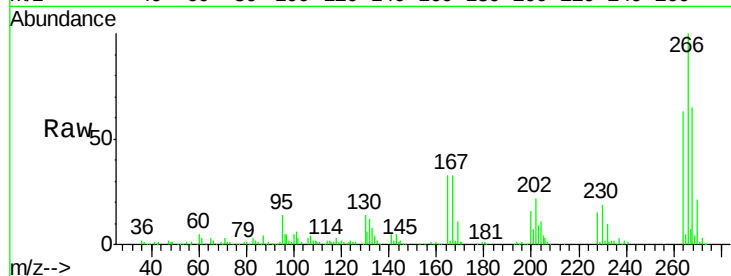
#69
 Pentachlorophenol
 Concen: 88.83 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

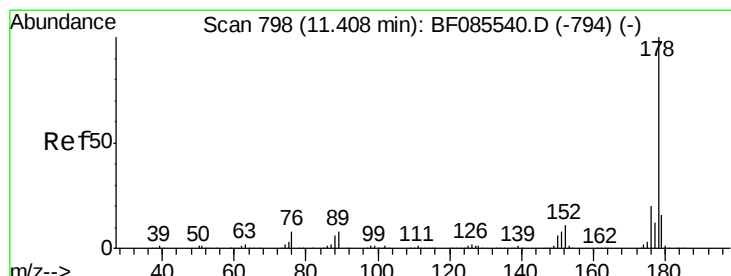
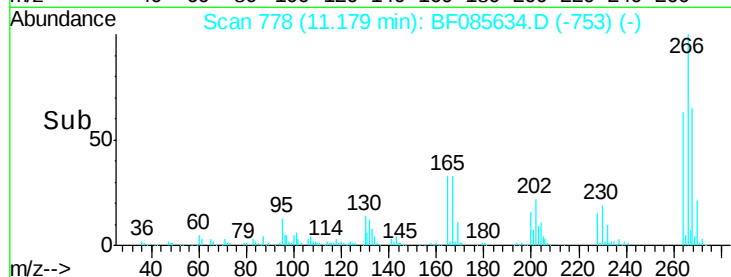
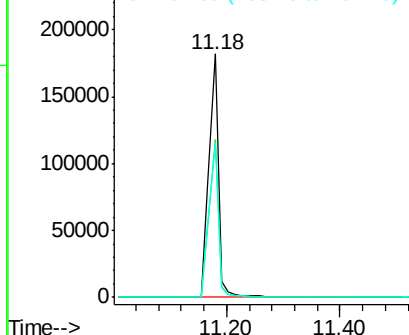
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	202389		
268	64.8	51.5	77.3	
264	63.5	50.6	76.0	

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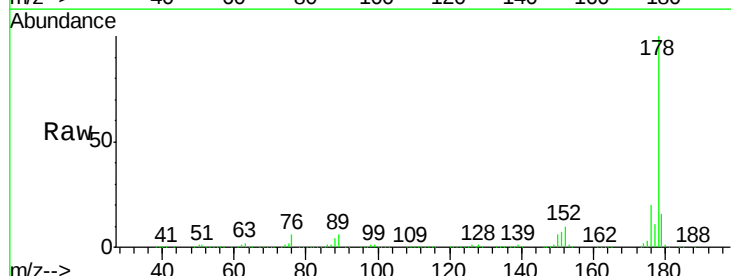


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

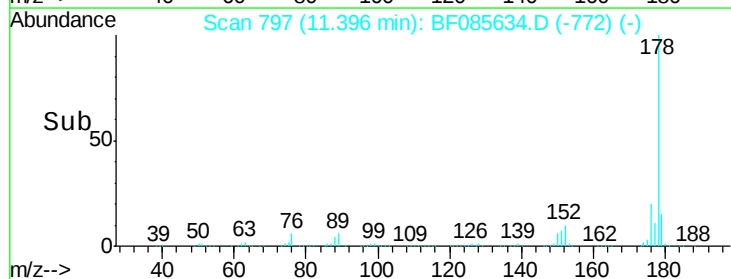
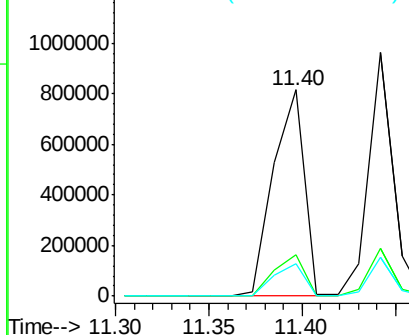


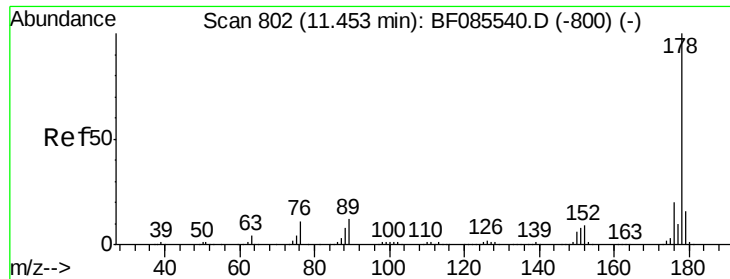
#70
 Phenanthrene
 Concen: 50.56 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	942564		
176	19.9	16.3	24.5	
179	15.6	12.6	18.8	



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





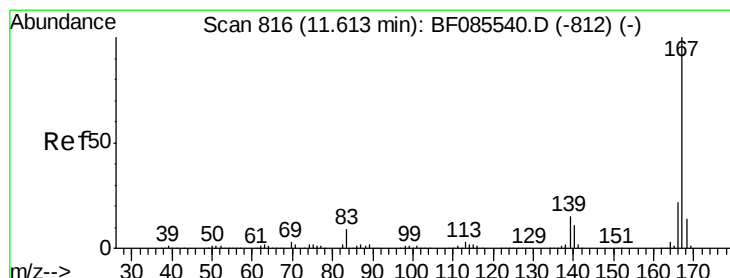
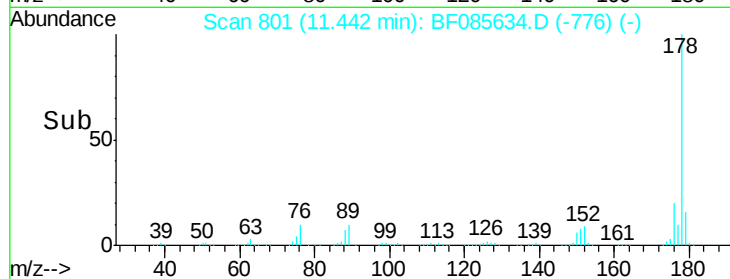
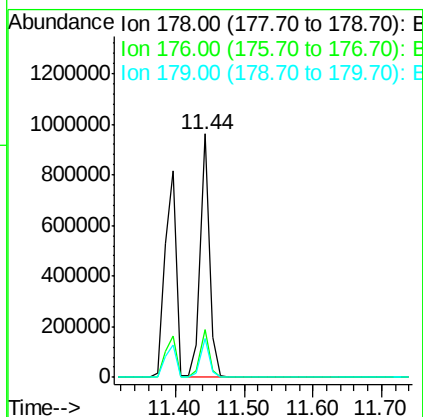
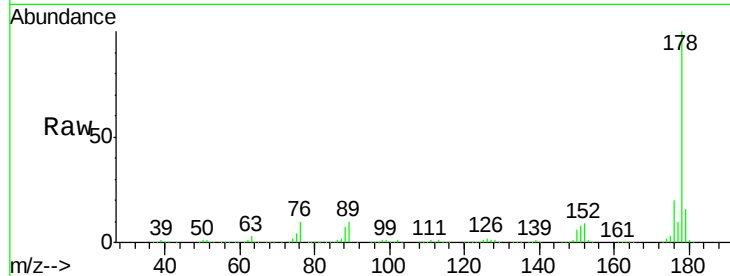
#71
 Anthracene
 Concen: 44.31 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.8	13.0	19.4

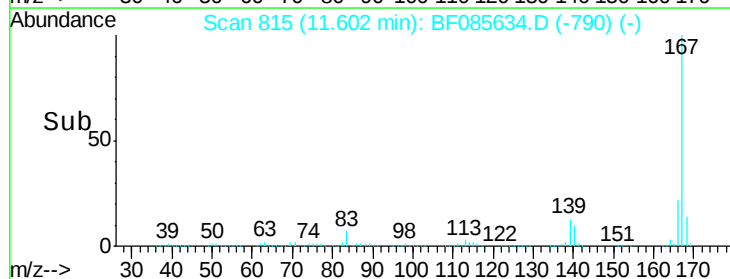
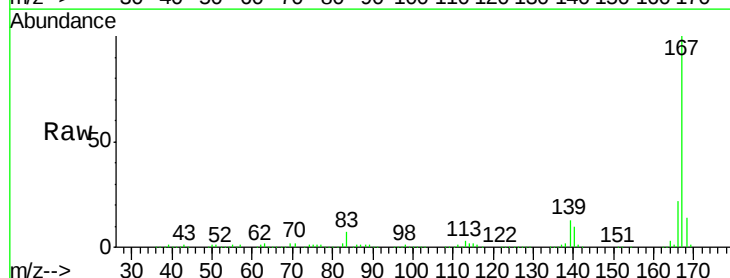
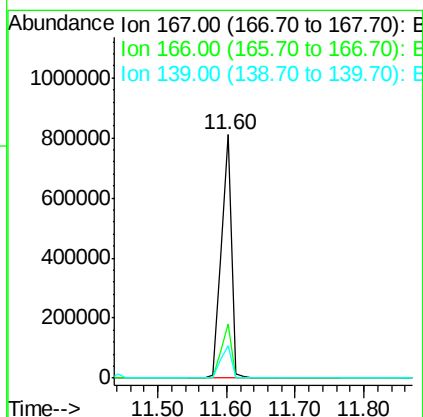
Manual Integrations
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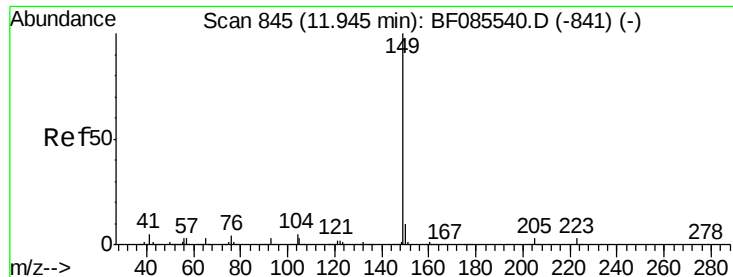
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#72
 Carbazole
 Concen: 50.52 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.4	11.6	17.4





#73

Di-n-butylphthalate

Concen: 53.04 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085634.D

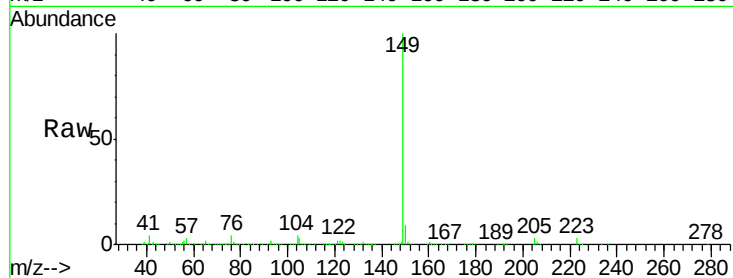
Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD



Tgt Ion:149 Resp: 1120145

Ion Ratio Lower Upper

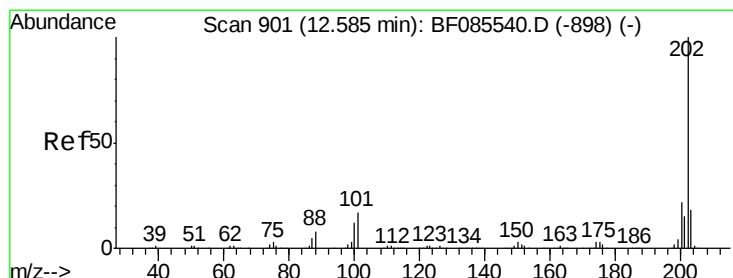
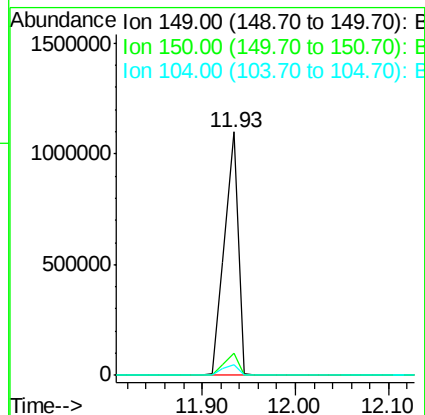
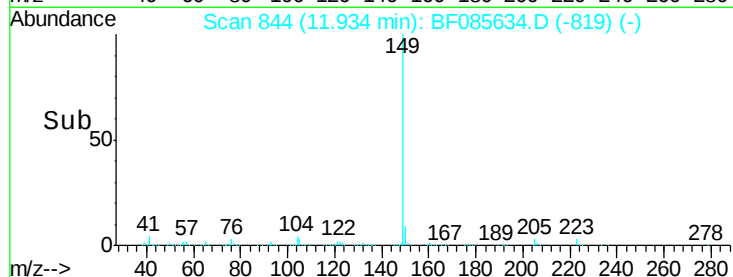
149 100

150 9.2 7.6 11.4

104 4.3 3.8 5.8

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3/22/2016 5:33:47 PM



#74

Fluoranthene

Concen: 39.31 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

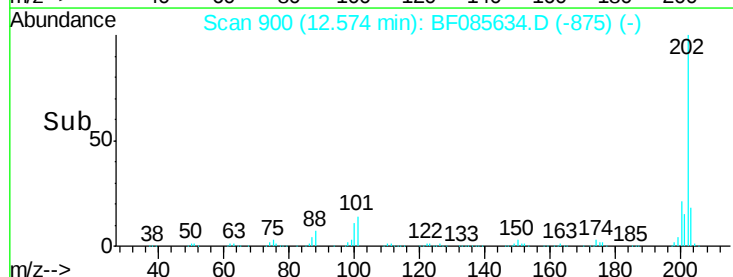
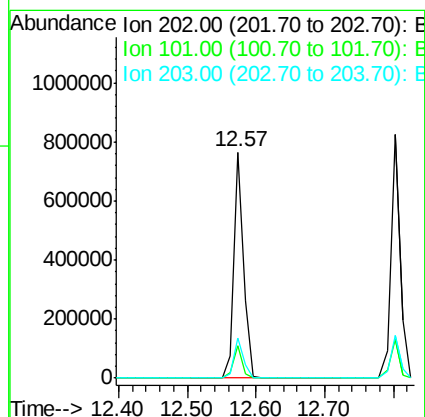
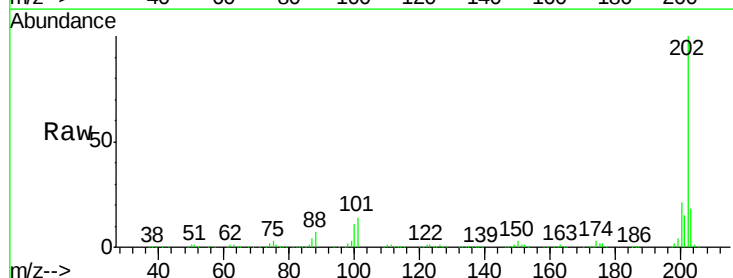
Tgt Ion:202 Resp: 767325

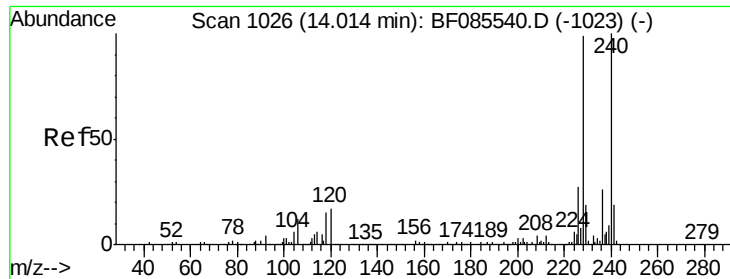
Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.6

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

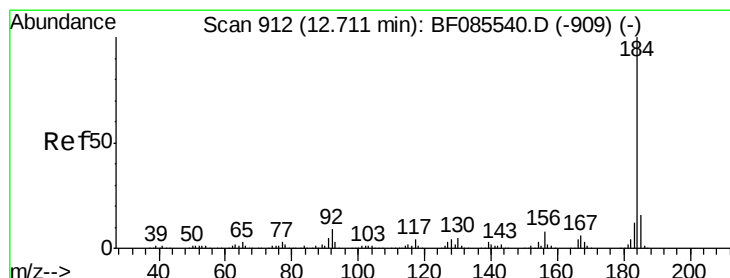
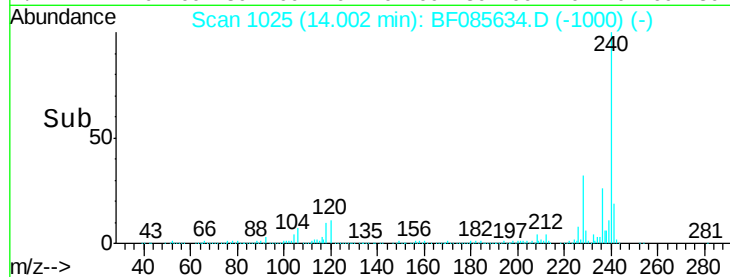
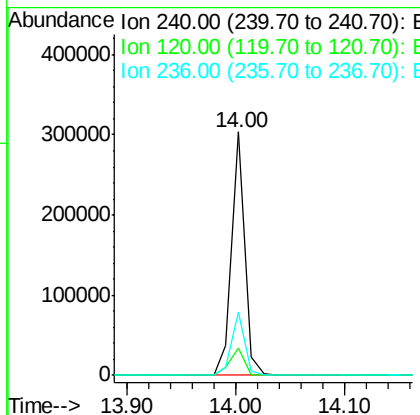
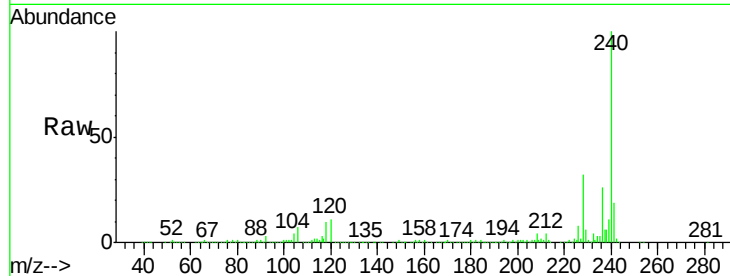
ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:	240	Resp:	252104
Ion Ratio		Lower	Upper
240	100		
120	11.0	13.8	20.8#
236	26.2	20.6	30.8

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#76

Benzidine

Concen: 43.40 ng

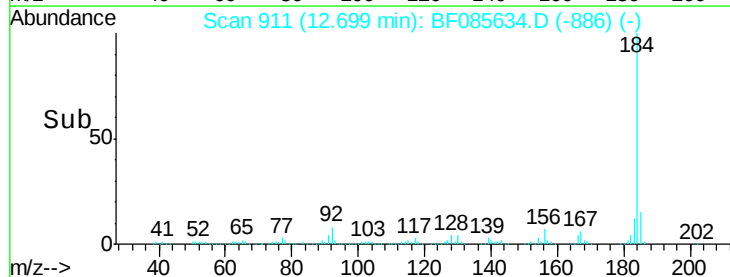
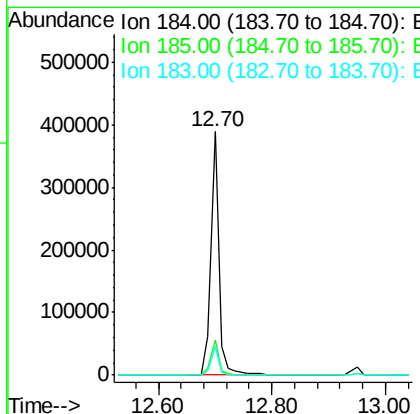
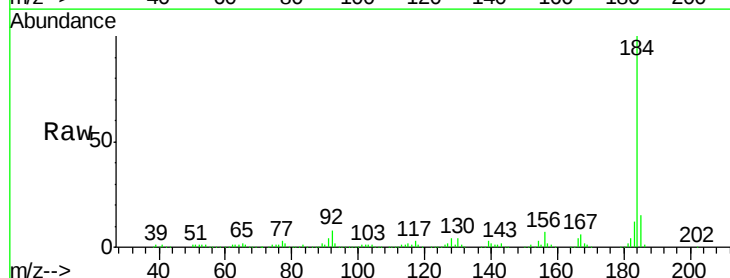
RT: 12.70 min Scan# 911

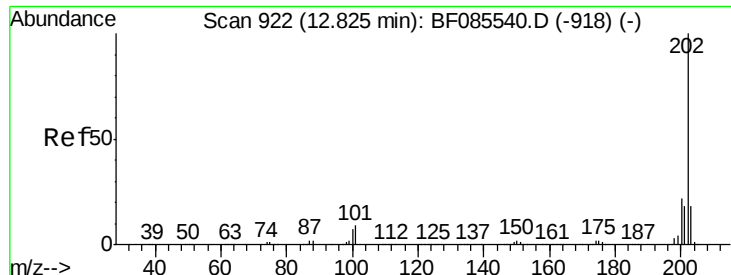
Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:	184	Resp:	367958
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.4	18.6
183	11.7	9.4	14.2





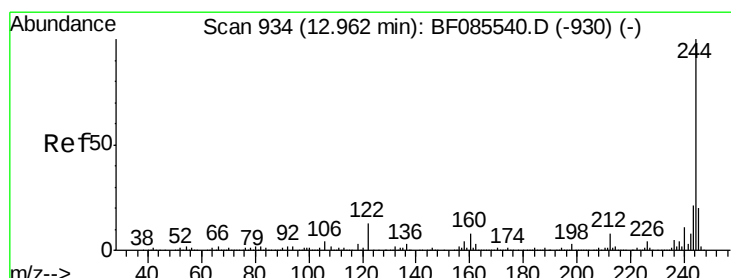
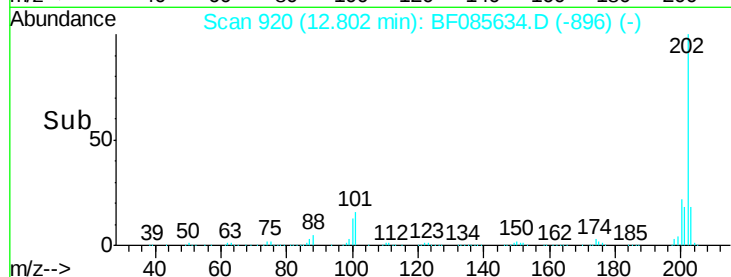
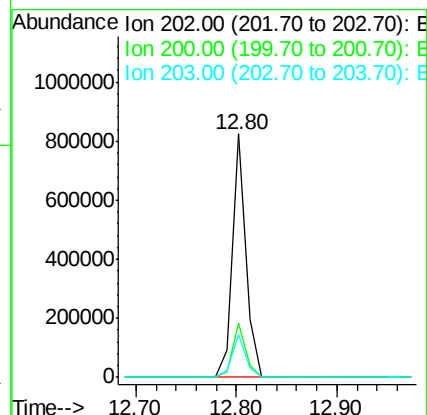
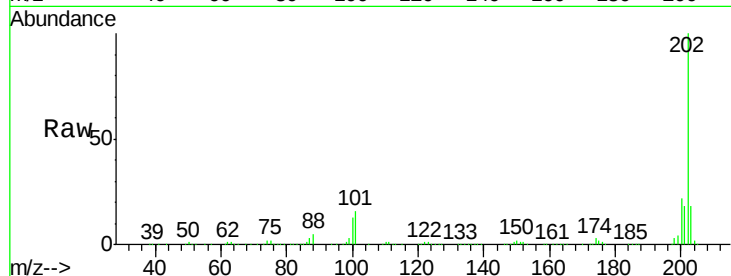
#77
Pyrene
 Concen: 42.54 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.6	26.4
203	17.7	14.0	21.0

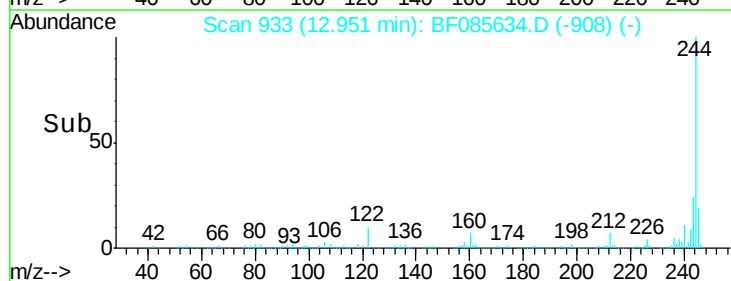
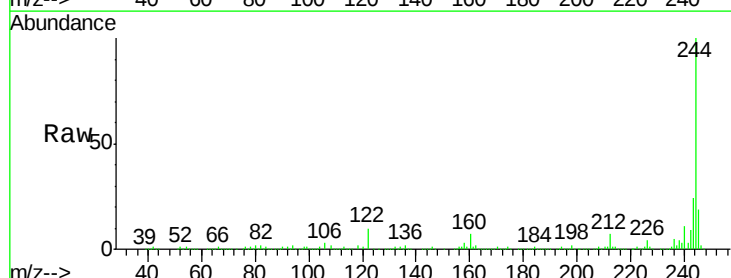
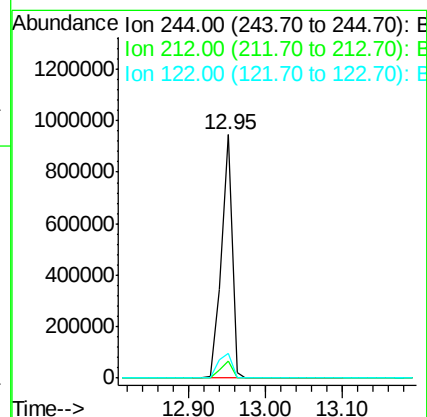
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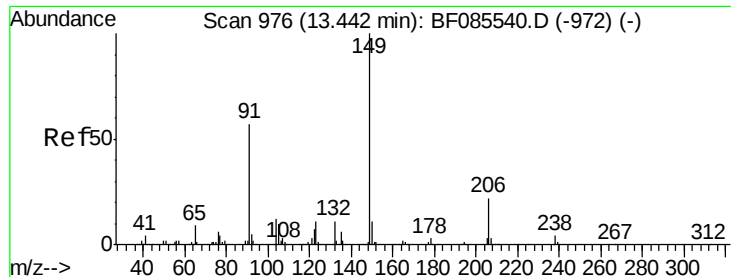
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#78
Terphenyl-d14
 Concen: 86.91 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.1	9.1
122	10.0	10.2	15.4





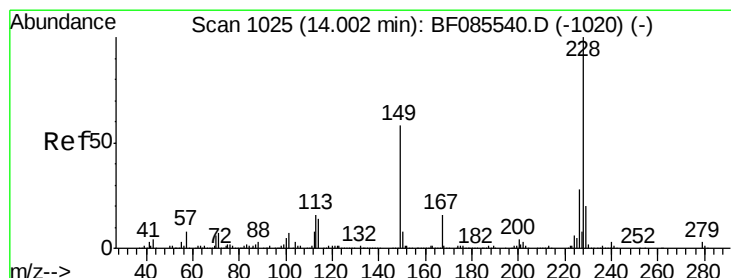
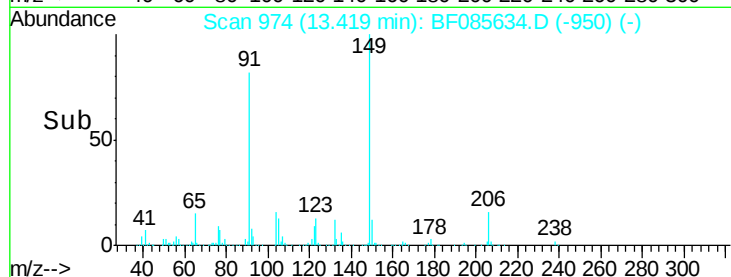
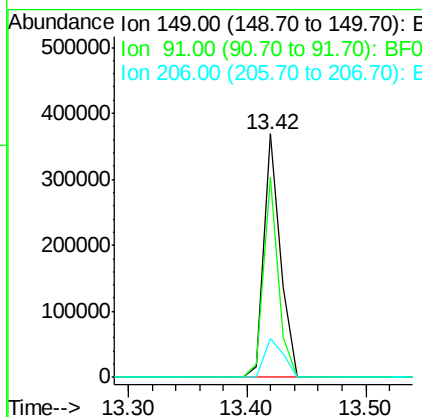
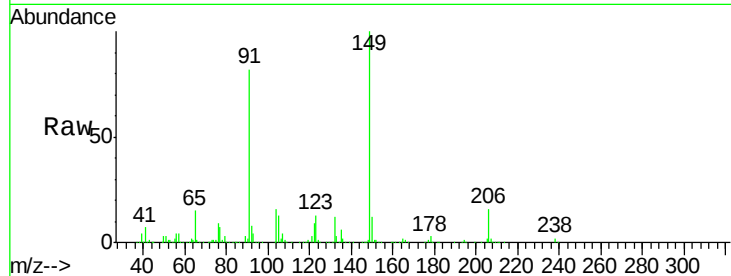
#79
Butylbenzylphthalate
Concen: 41.74 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.0	45.8	68.8#
206	16.1	17.8	26.8#

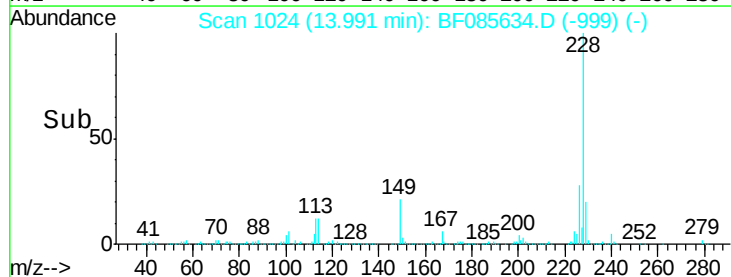
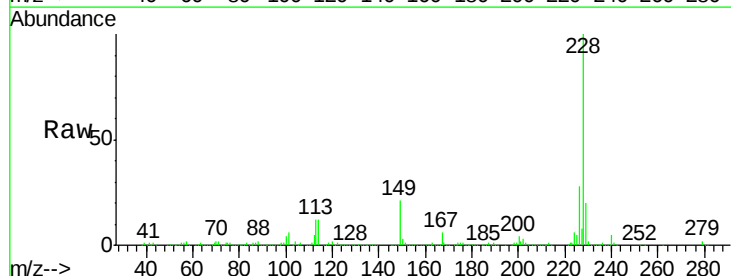
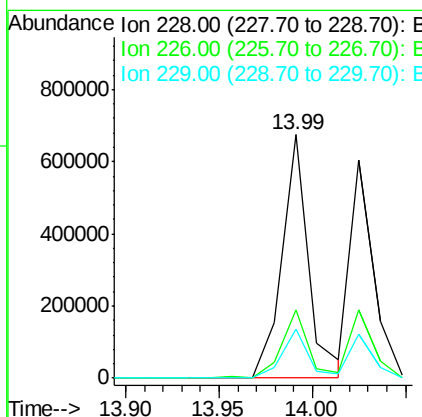
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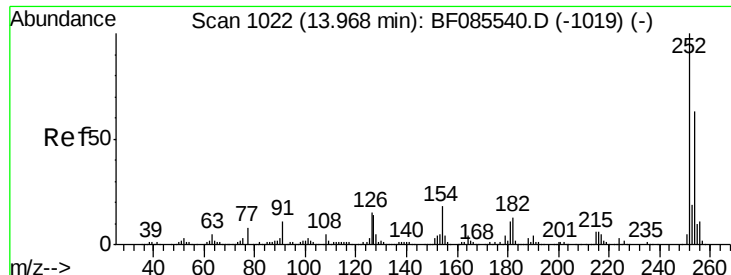
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#80
Benzo(a)anthracene
Concen: 46.02 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.1	33.1
229	20.0	16.2	24.4





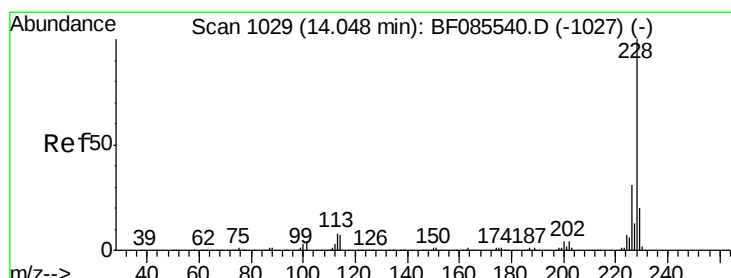
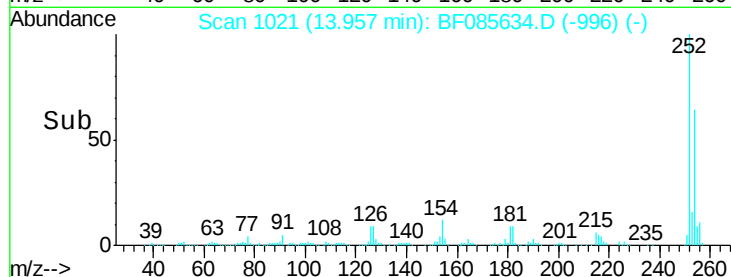
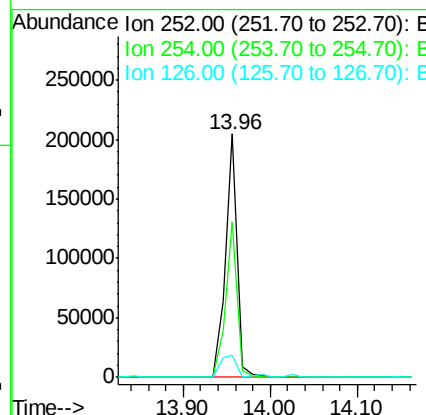
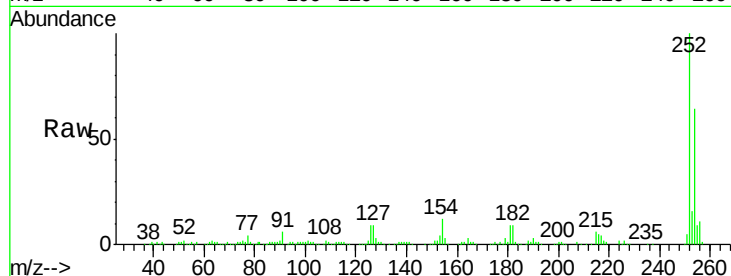
#81
 3,3'-Dichlorobenzidine
 Concen: 36.28 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	50.7	76.1
126	9.0	11.8	17.6

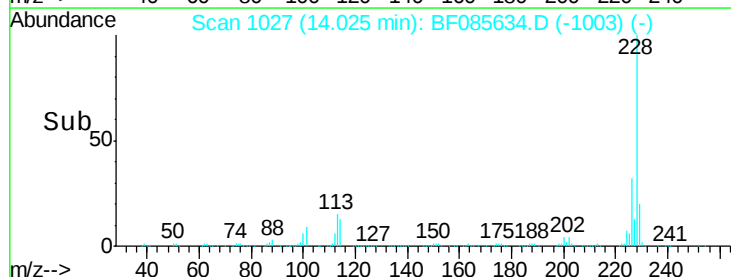
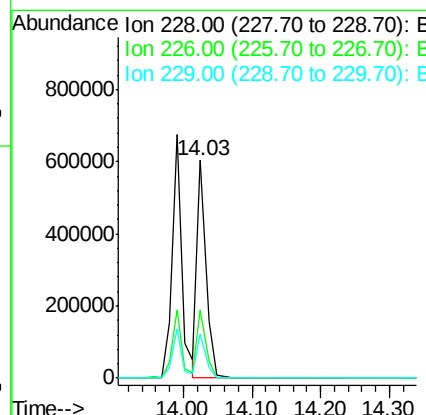
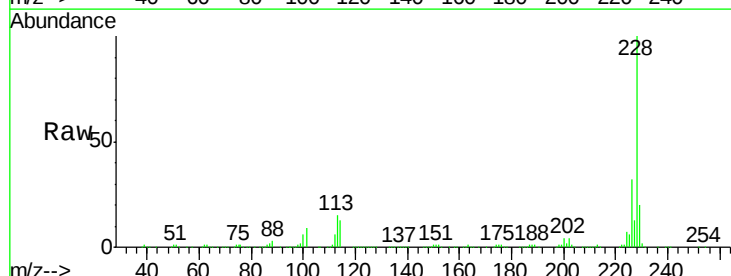
Manual Integrations
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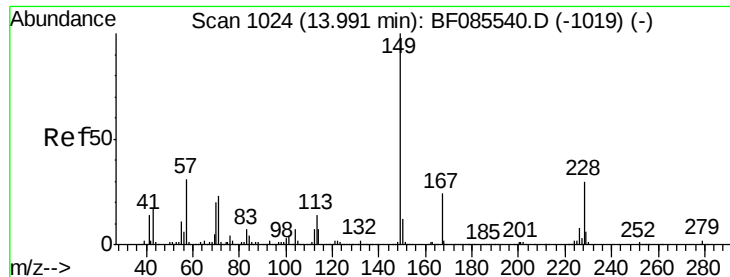
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#82
 Chrysene
 Concen: 38.09 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	20.4	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.80 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

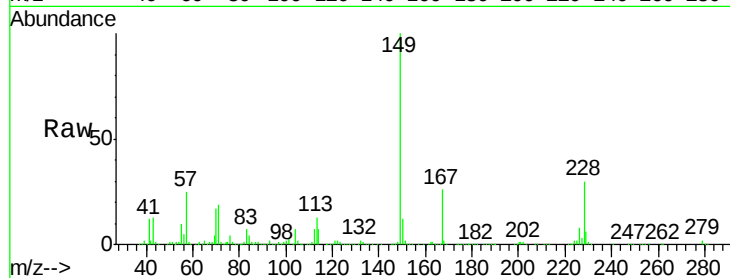
ClientSampleId :

SOUTH-WALL(3-5)MSD

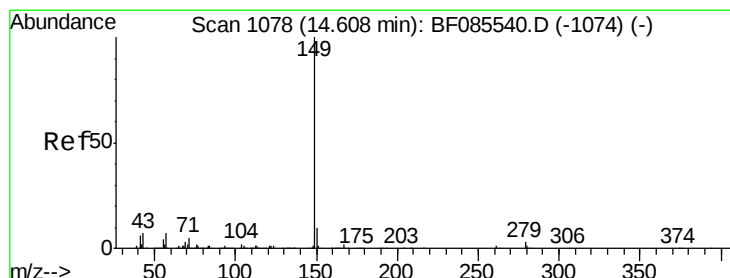
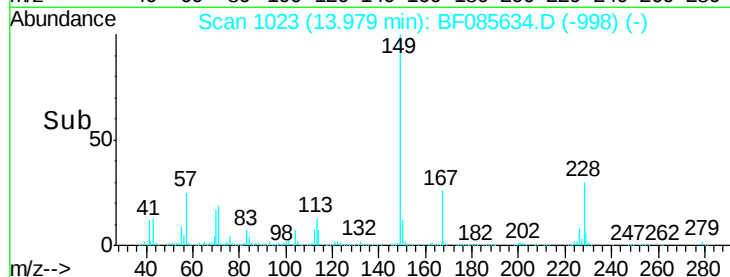
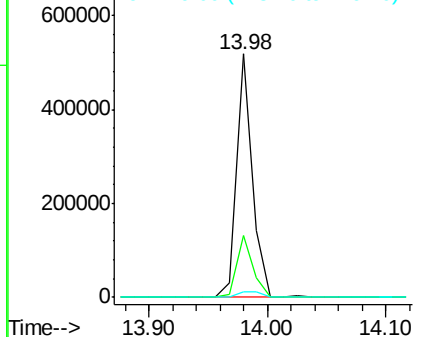
Tgt Ion:	149	Resp:	480296
Ion Ratio		Lower	Upper
149	100		
167	25.6	19.4	29.2
279	2.3	1.5	2.3#

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



#84

Di-n-octyl phthalate

Concen: 48.79 ng

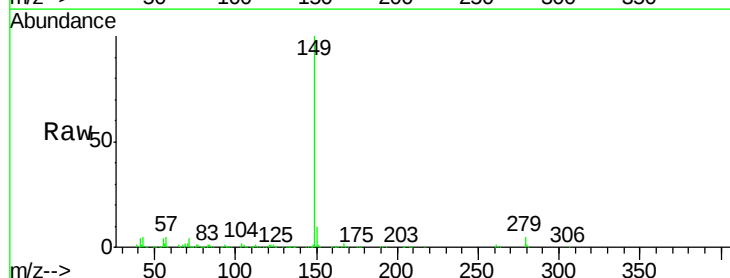
RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

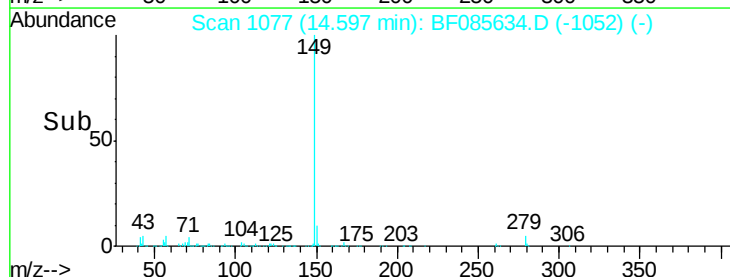
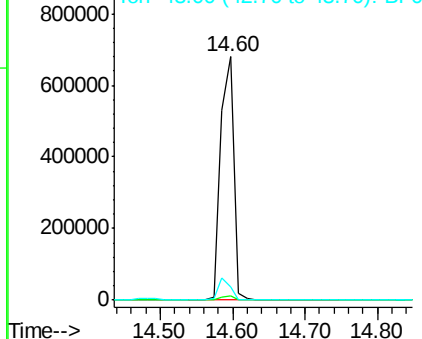
Lab File: BF085634.D

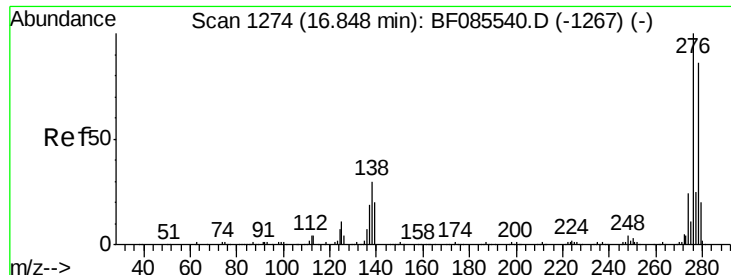
Acq: 21 Mar 2016 20:55

Tgt Ion:	149	Resp:	852253
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	7.1	10.7



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





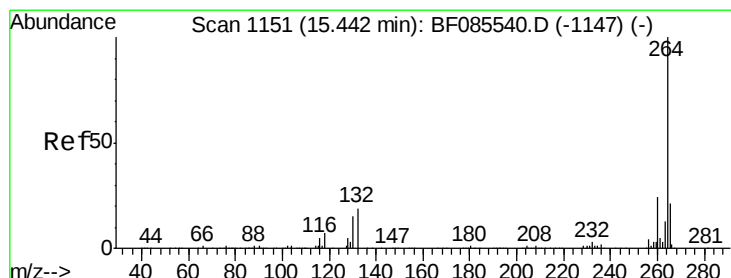
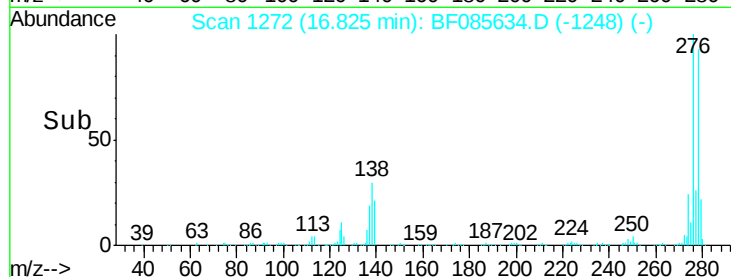
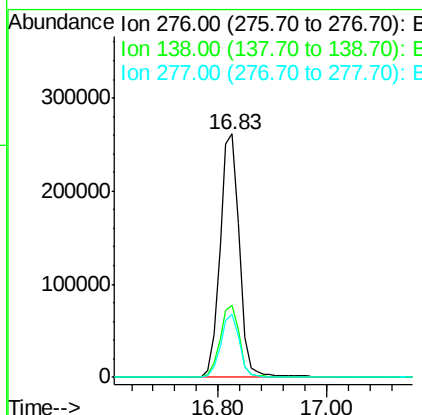
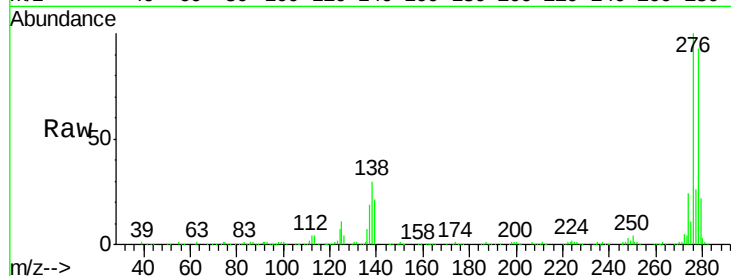
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.61 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:	276	Resp:	654274
Ion Ratio	Lower	Upper	
276	100		
138	29.9	24.2	36.4
277	25.4	20.0	30.0

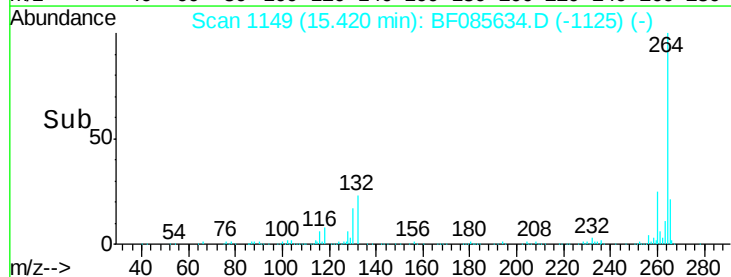
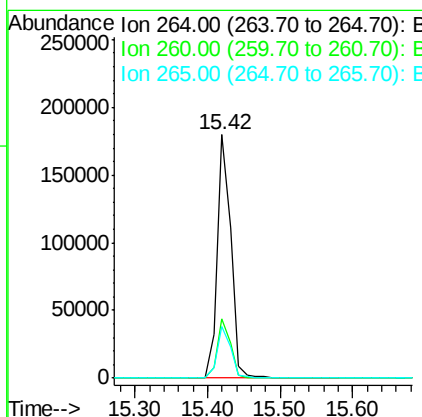
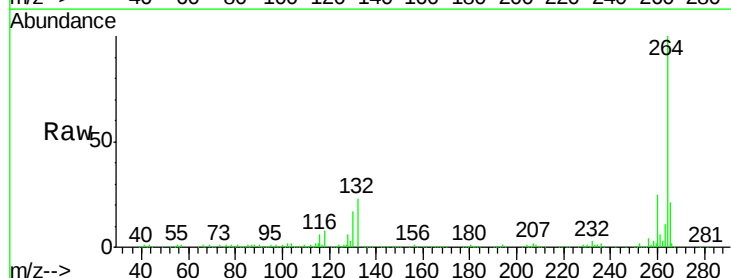
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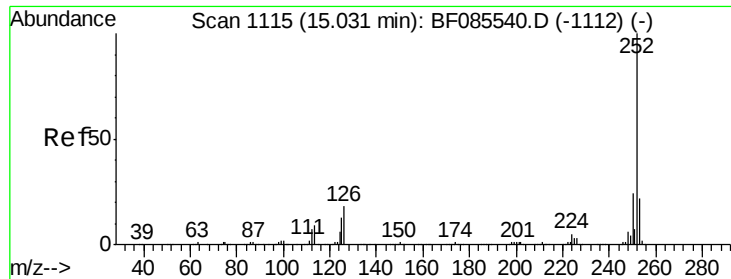
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:	264	Resp:	233348
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.4	17.2	25.8





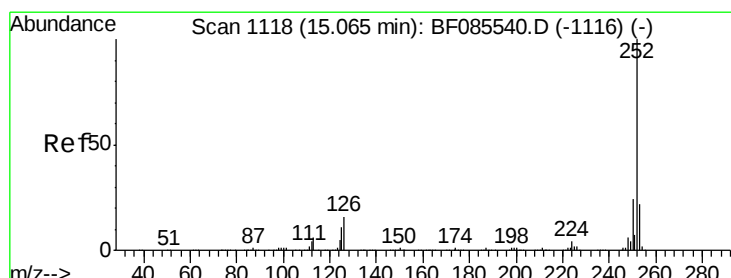
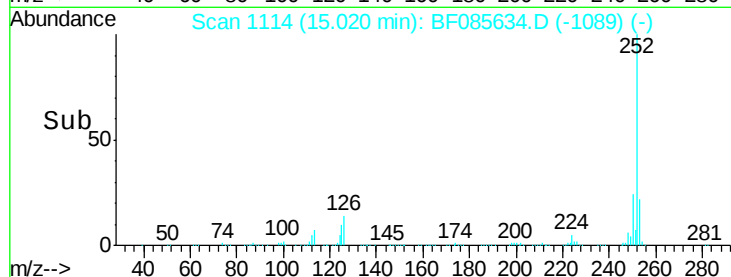
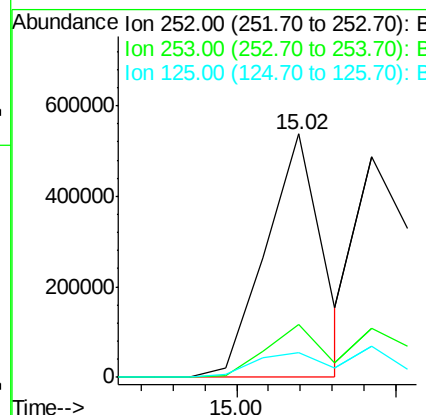
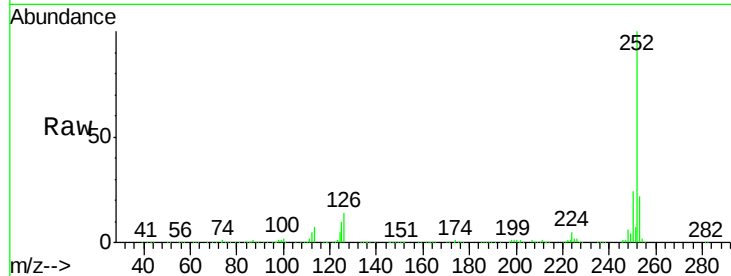
#87
Benzo(b)fluoranthene
Concen: 43.91 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.3	10.3	15.5#

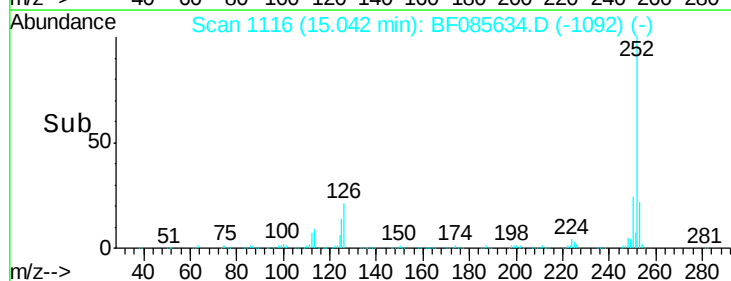
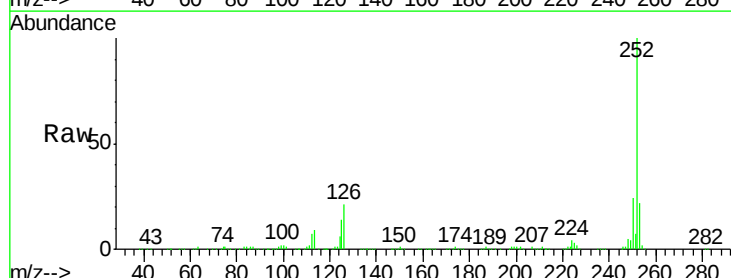
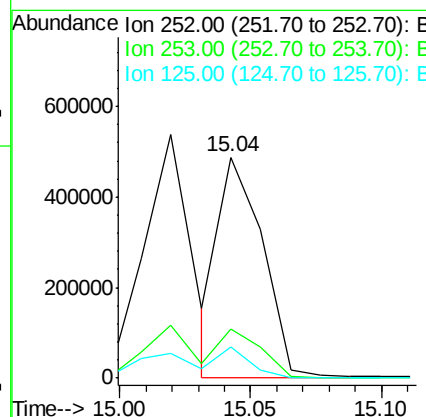
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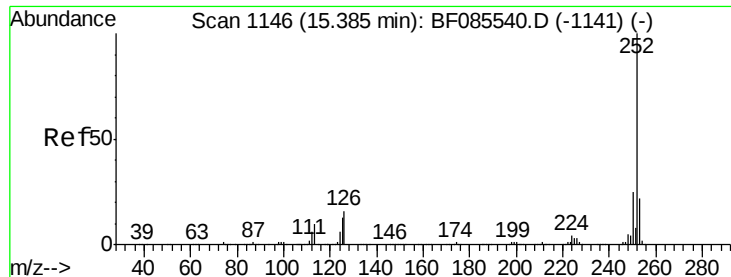
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#88
Benzo(k)fluoranthene
Concen: 46.18 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.2	7.7	11.5#





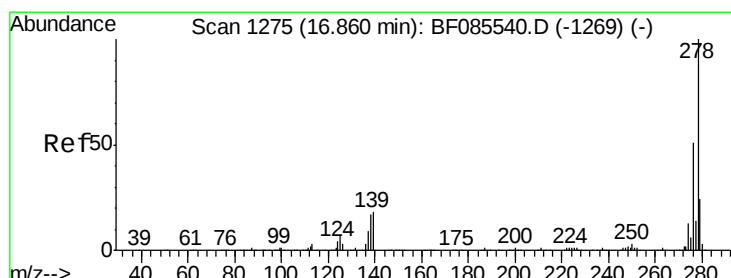
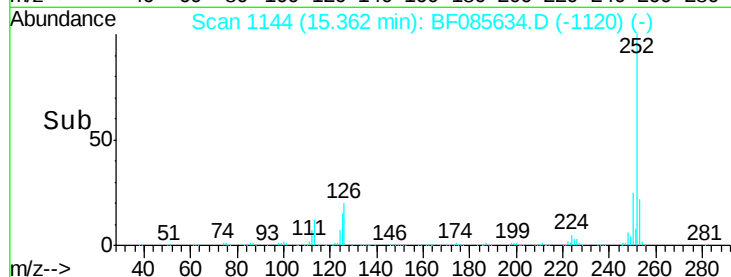
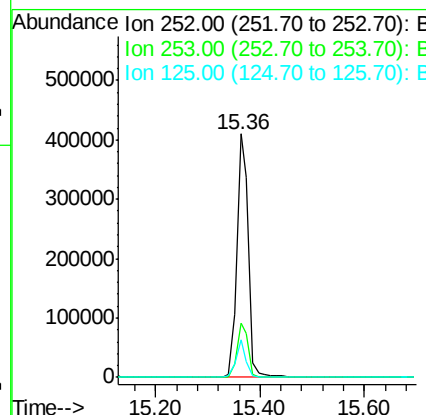
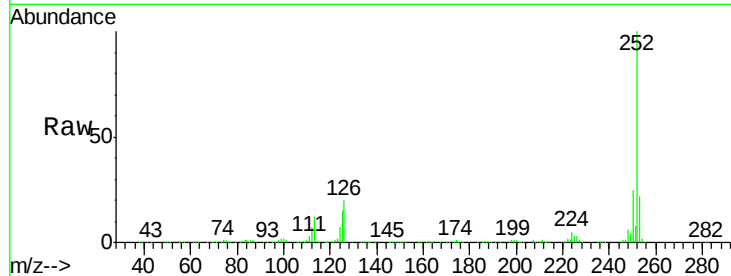
#89
Benzo(a)pyrene
Concen: 47.98 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	15.3	10.3	15.5

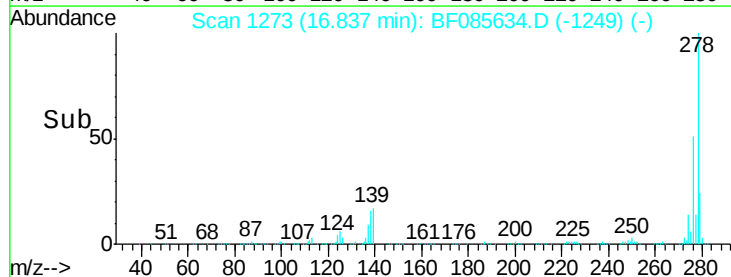
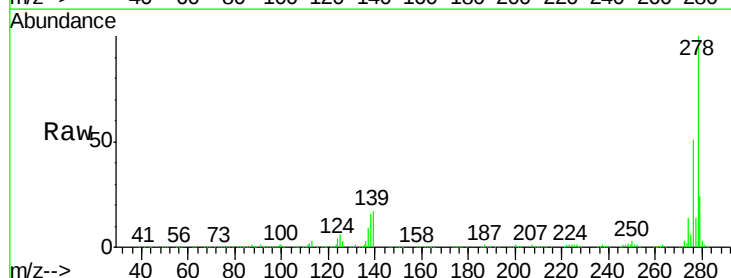
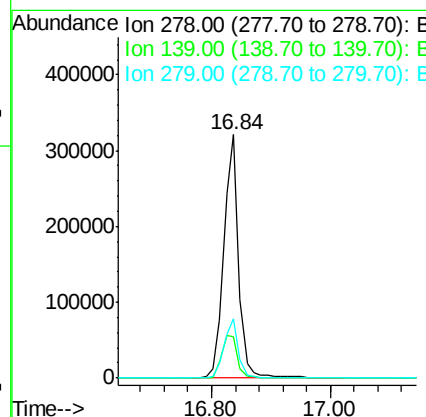
Manual Integrations
APPROVED

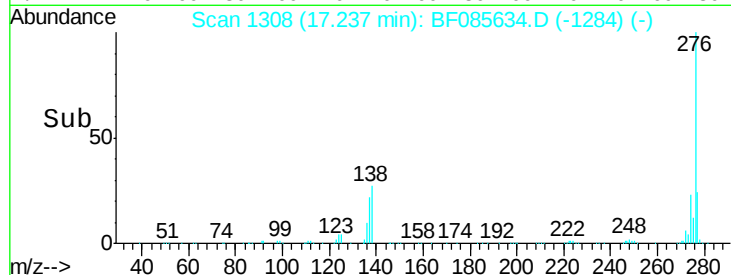
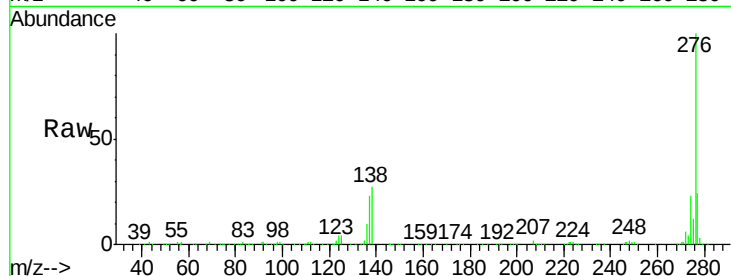
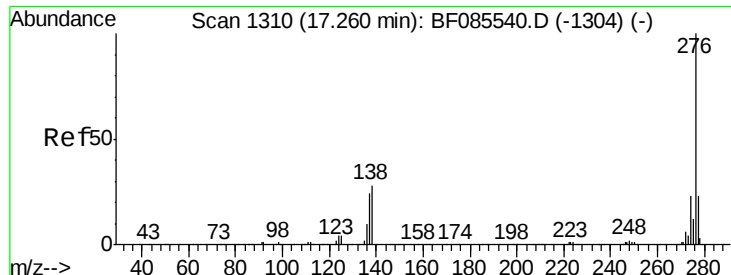
Sohil
3/22/2016 5:33:47 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.70 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.4	21.6
279	24.3	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 49.83 ng
 RT: 17.24 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	519225		
277	23.9	18.8	28.2	
138	27.2	22.6	34.0	

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:33:47 PM

