

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085619.D
 Acq On : 21 Mar 2016 13:48
 Operator : UM/SJ
 Sample : PB89054BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:33:27 PM

Quant Time: Mar 22 01:21:37 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	120645	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	504587	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	229635	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	424953	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	315615	20.00	ng	-0.01
86) Perylene-d12	15.42	264	216152	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	864648	120.38	ng	0.00
7) Phenol-d6	6.48	99	1037636	112.64	ng	-0.01
23) Nitrobenzene-d5	7.41	82	666513	76.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	288826	128.40	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1203347	91.00	ng	-0.02
78) Terphenyl-d14	12.95	244	1114110	84.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	114841	32.89	ng	100
3) Pyridine	3.25	79	295661	34.48	ng	99
4) n-Nitrosodimethylamine	3.19	42	142835	39.91	ng	99
6) Aniline	6.50	93	251130	20.30	ng	98
8) 2-Chlorophenol	6.63	128	345400	41.57	ng	99
9) Benzaldehyde	6.39	77	68415	12.66	ng	91
10) Phenol	6.49	94	412860	39.35	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	331110	41.86	ng	96
12) 1,3-Dichlorobenzene	6.78	146	337425m	37.26	ng	
13) 1,4-Dichlorobenzene	6.86	146	350872	37.99	ng	97
14) 1,2-Dichlorobenzene	7.02	146	319427	38.95	ng	96
15) Benzyl Alcohol	6.98	79	257983	40.88	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	397593	38.22	ng	98
17) 2-Methylphenol	7.10	107	274423	39.84	ng	99
18) Hexachloroethane	7.35	117	132080	39.61	ng	# 82
19) n-Nitroso-di-n-propylamine	7.26	70	200732	36.48	ng	94
20) 3+4-Methylphenols	7.26	107	323858	40.60	ng	93
22) Acetophenone	7.26	105	423995	35.41	ng	# 97
24) Nitrobenzene	7.43	77	379367	39.87	ng	92
25) Isophorone	7.67	82	653690	37.56	ng	96
26) 2-Nitrophenol	7.75	139	185233	39.39	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	304028	36.56	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	384315	38.82	ng	98
29) 2,4-Dichlorophenol	7.99	162	282408	41.12	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	285585	37.13	ng	97
31) Naphthalene	8.15	128	941370	36.96	ng	99
32) Benzoic acid	7.91	122	175300	25.21	ng	88
33) 4-Chloroaniline	8.20	127	102681	9.84	ng	# 93
34) Hexachlorobutadiene	8.26	225	146389	35.71	ng	99
35) Caprolactam	8.57	113	93374m	39.52	ng	
36) 4-Chloro-3-methylphenol	8.69	107	297351	37.07	ng	98
37) 2-Methylnaphthalene	8.85	142	657069	42.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	241302	34.64	ng	98
40) Hexachlorocyclopentadiene	9.00	237	238291	75.90	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	188493	39.53	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	198376	40.88	ng #	94
45) 1,1'-Biphenyl	9.30	154	701144	35.39	ng	98
46) 2-Chloronaphthalene	9.33	162	553149	38.23	ng	92
47) 2-Nitroaniline	9.43	65	191893	43.84	ng	90
48) Acenaphthylene	9.75	152	957684	40.90	ng	99
49) Dimethylphthalate	9.61	163	710852	41.02	ng	99
50) 2,6-Dinitrotoluene	9.67	165	143152	39.13	ng	96
51) Acenaphthene	9.92	154	641606	43.66	ng	100
52) 3-Nitroaniline	9.84	138	83210	18.16	ng	81
53) 2,4-Dinitrophenol	9.94	184	133242	59.46	ng	98
54) Dibenzofuran	10.09	168	825279	46.12	ng	97
55) 4-Nitrophenol	10.00	139	242335	68.44	ng	89
56) 2,4-Dinitrotoluene	10.08	165	202328	42.24	ng	98
57) Fluorene	10.44	166	628840	42.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	149191	42.70	ng	99
59) Diethylphthalate	10.31	149	685953	39.82	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	297921	40.91	ng	92
61) 4-Nitroaniline	10.46	138	174435	38.62	ng	92
62) Azobenzene	10.58	77	723407	43.76	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	92072	33.86	ng	94
65) n-Nitrosodiphenylamine	10.54	169	545812	41.23	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	181894	42.85	ng	91
67) Hexachlorobenzene	10.98	284	191136	42.38	ng #	91
68) Atrazine	11.08	200	195964	48.62	ng	98
69) Pentachlorophenol	11.18	266	191780	70.04	ng	99
70) Phenanthrene	11.40	178	961895	42.93	ng	99
71) Anthracene	11.44	178	888034	37.80	ng	99
72) Carbazole	11.60	167	856595	42.26	ng	98
73) Di-n-butylphthalate	11.93	149	1060609	41.79	ng	99
74) Fluoranthene	12.57	202	843132	35.94	ng	98
76) Benzidine	12.70	184	205163	19.33	ng	98
77) Pyrene	12.80	202	845784	37.32	ng	99
79) Butylbenzylphthalate	13.42	149	386845	35.81	ng #	73
80) Benzo(a)anthracene	13.99	228	691892	37.76	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	86115	12.82	ng #	96
82) Chrysene	14.03	228	560802	31.81	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	460021	34.28	ng #	99
84) Di-n-octyl phthalate	14.60	149	756413	34.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	538224	36.54	ng	99
87) Benzo(b)fluoranthene	15.02	252	584252m	41.42	ng	
88) Benzo(k)fluoranthene	15.04	252	464550m	39.98	ng	
89) Benzo(a)pyrene	15.36	252	491409	41.10	ng	99
90) Dibenzo(a,h)anthracene	16.83	278	450758	45.20	ng #	96
91) Benzo(g,h,i)perylene	17.24	276	465088	48.18	ng	96

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

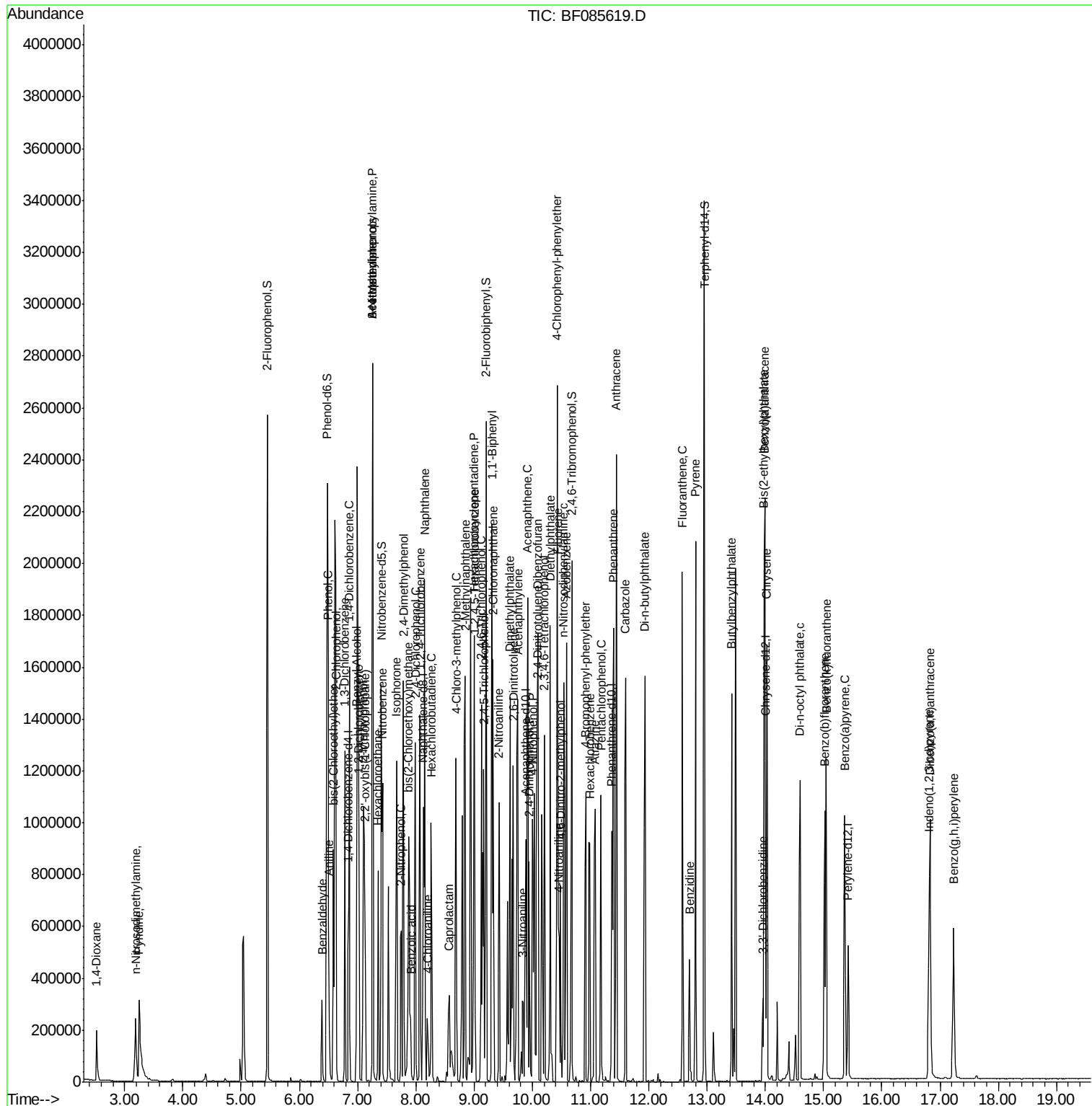
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Operator  : UM/SJ  
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Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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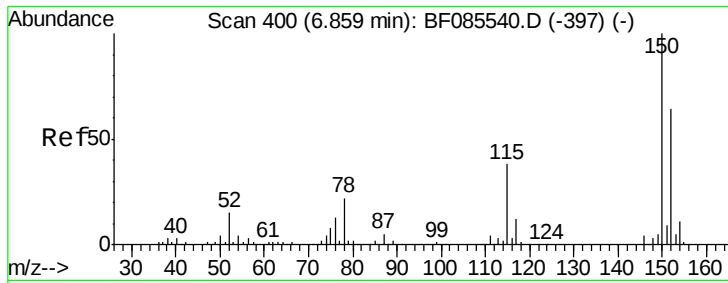
Instrument :
BNA_F
ClientSampleId :
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#1

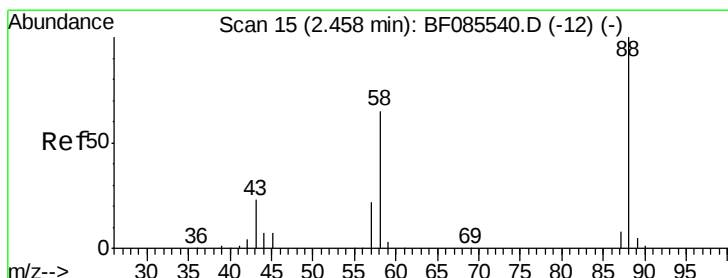
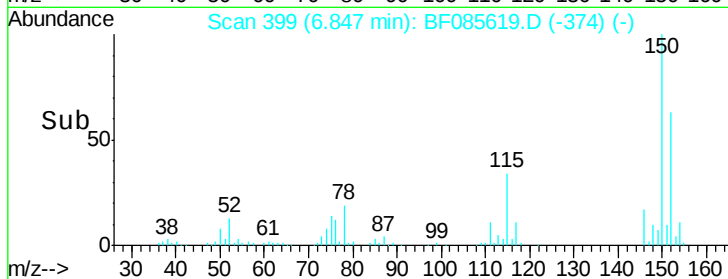
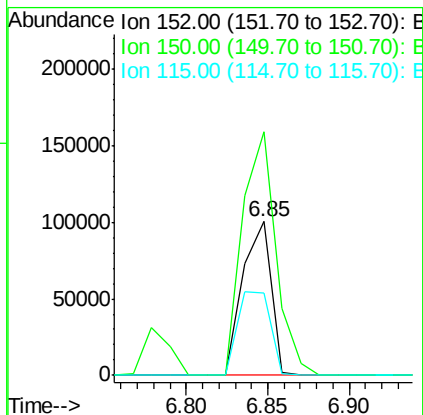
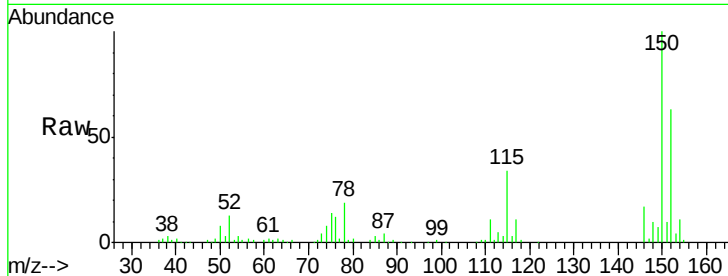
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.2
115	53.9	47.0	70.6

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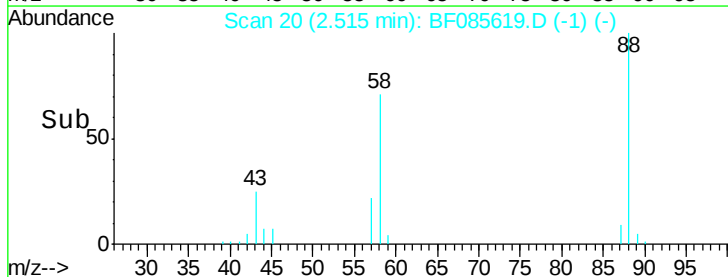
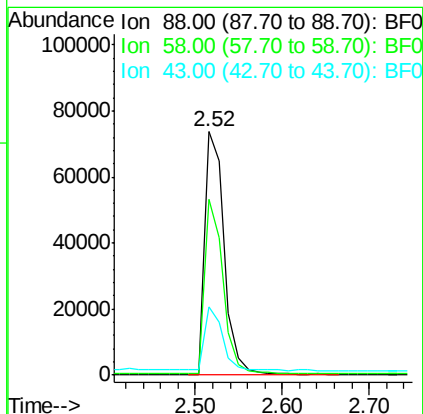
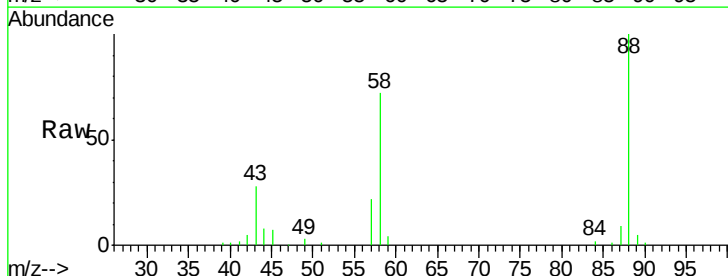
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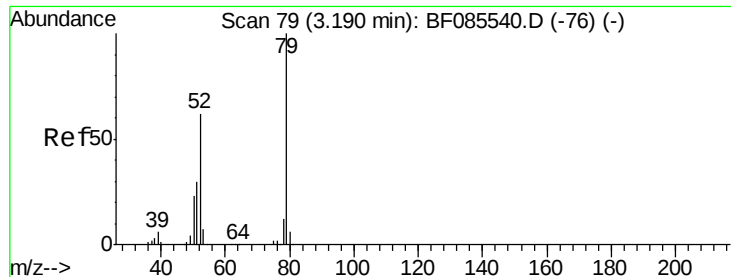


#2

1,4-Dioxane
Concen: 32.89 ng
RT: 2.52 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.2	81.2
43	24.0	19.3	28.9





#3

Pyridine

Concen: 34.48 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.06 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

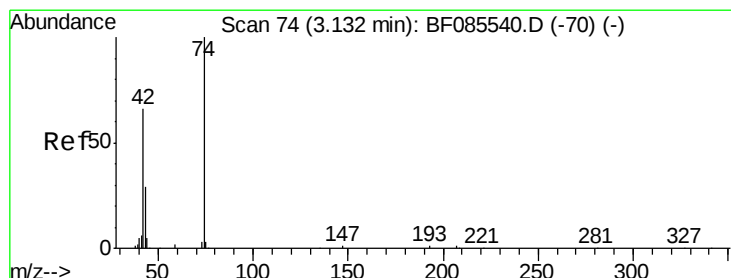
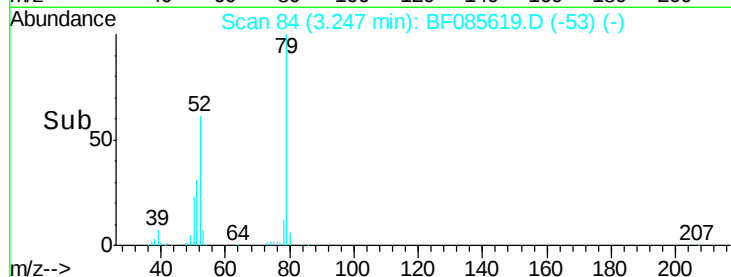
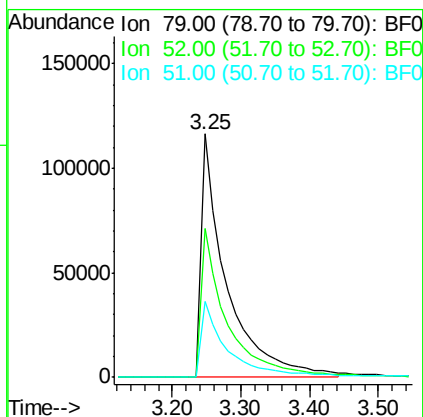
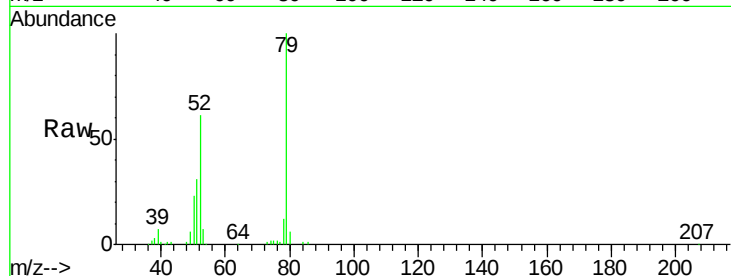
ClientSampleId :

PB89054BS

Tgt Ion:	79	Resp:	295661
Ion	Ratio	Lower	Upper
79	100		
52	61.0	49.8	74.6
51	31.1	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 39.91 ng

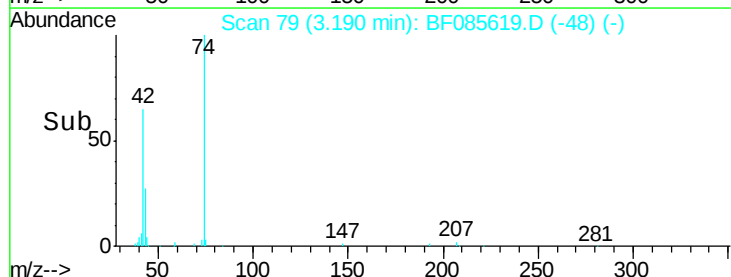
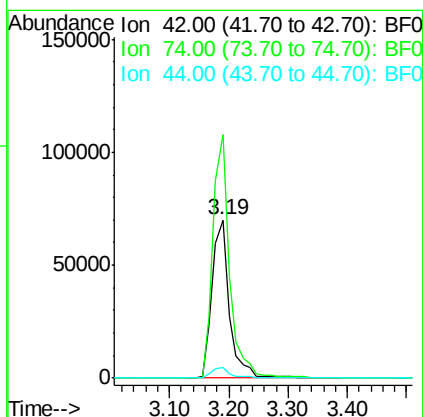
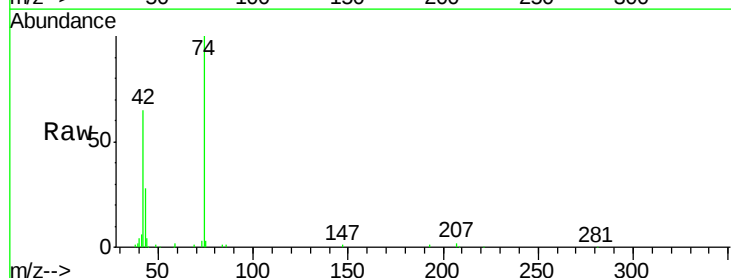
RT: 3.19 min Scan# 79

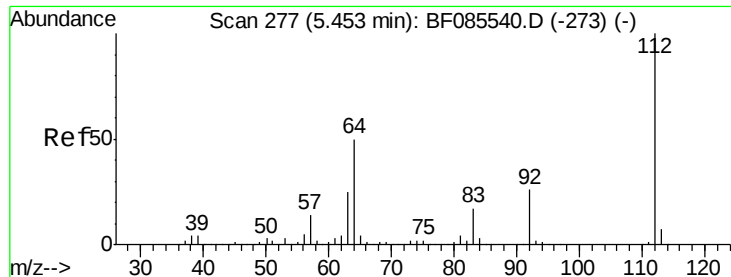
Delta R.T. 0.06 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	42	Resp:	142835
Ion	Ratio	Lower	Upper
42	100		
74	153.6	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 120.38 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

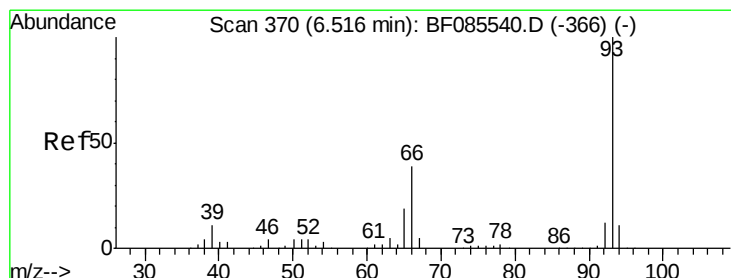
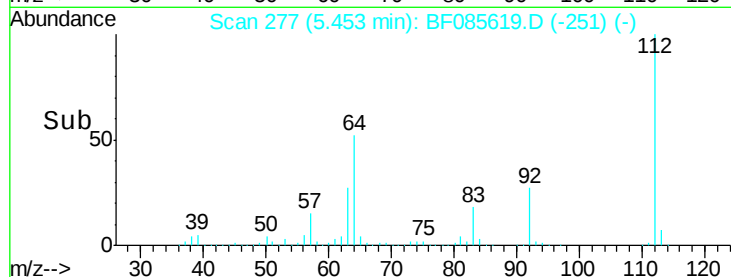
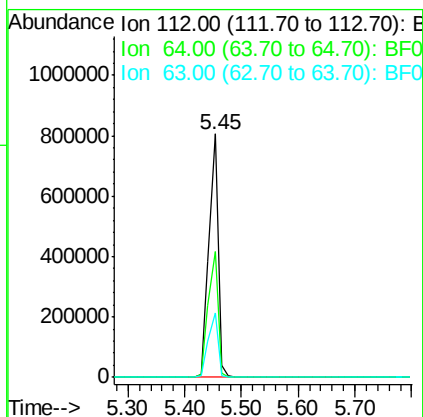
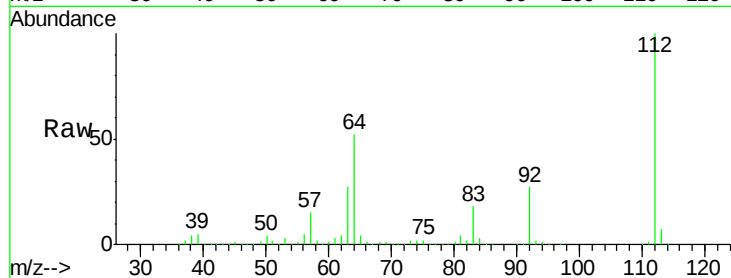
ClientSampleId :

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Tgt Ion:	112	Resp:	864648
Ion Ratio	Lower	Upper	
112	100		
64	51.9	39.9	59.9
63	26.6	20.2	30.2

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#6

Aniline

Concen: 20.30 ng

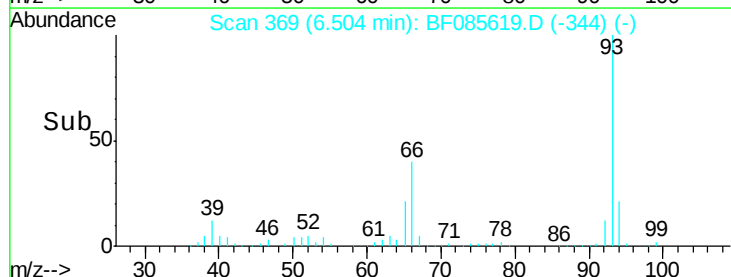
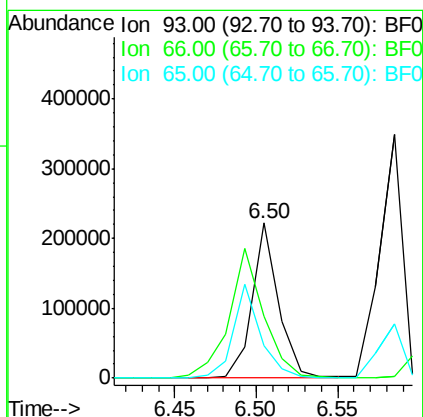
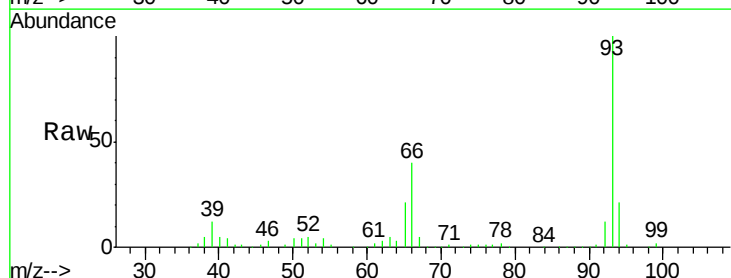
RT: 6.50 min Scan# 369

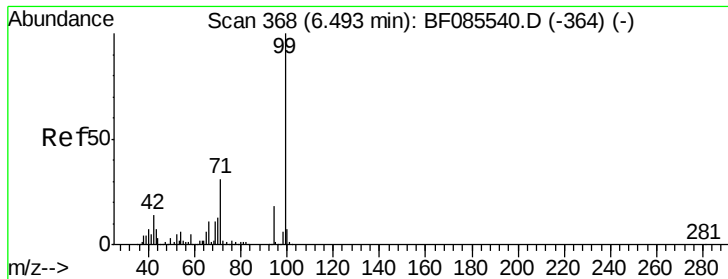
Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	93	Resp:	251130
Ion Ratio	Lower	Upper	
93	100		
66	40.3	31.4	47.2
65	20.6	15.7	23.5





#7

Phenol-d6

Concen: 112.64 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085619.D

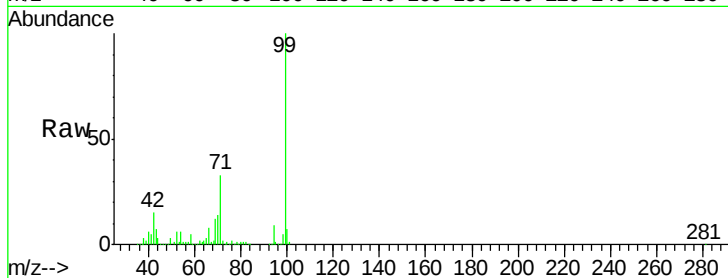
Acq: 21 Mar 2016 13:48

Instrument :

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ClientSampleId :

PB89054BS



Tgt Ion: 99 Resp: 1037636

Ion Ratio Lower Upper

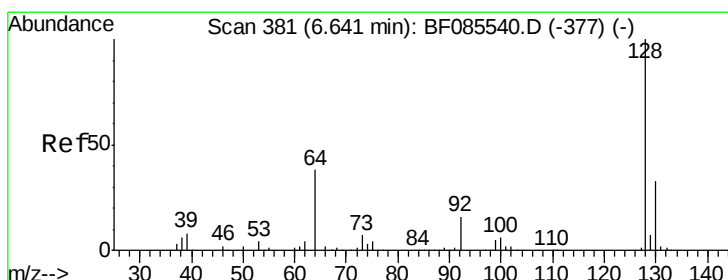
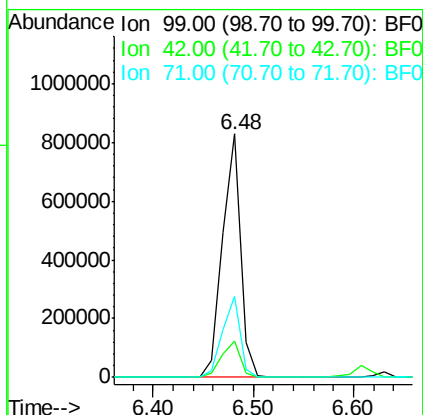
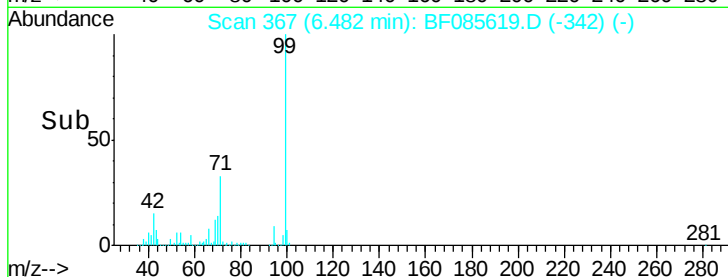
99 100

42 14.8 11.1 16.7

71 33.1 24.9 37.3

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#8

2-Chlorophenol

Concen: 41.57 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

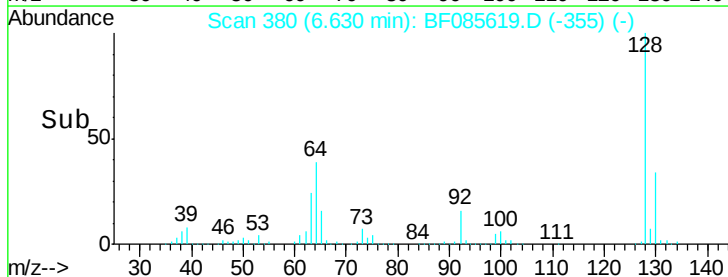
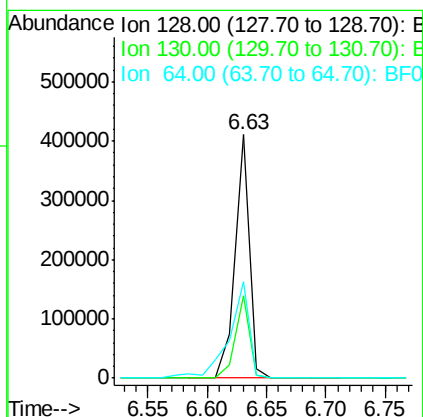
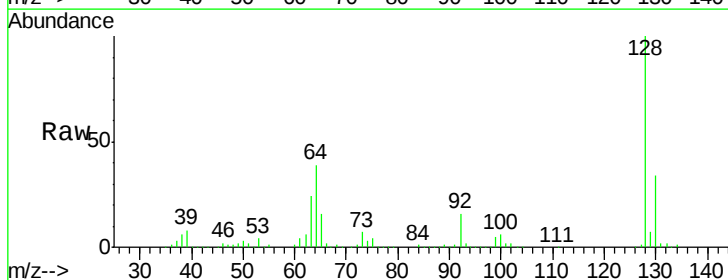
Tgt Ion: 128 Resp: 345400

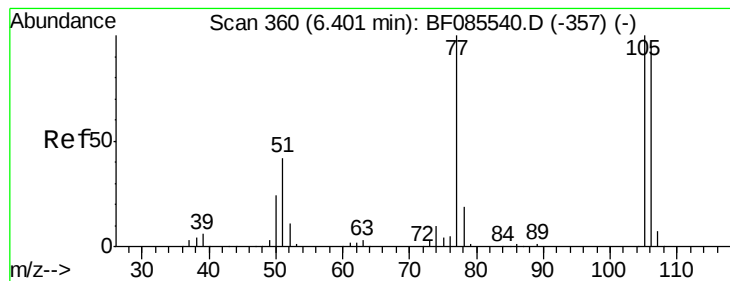
Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

64 39.4 20.2 60.2





#9

Benzaldehyde

Concen: 12.66 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

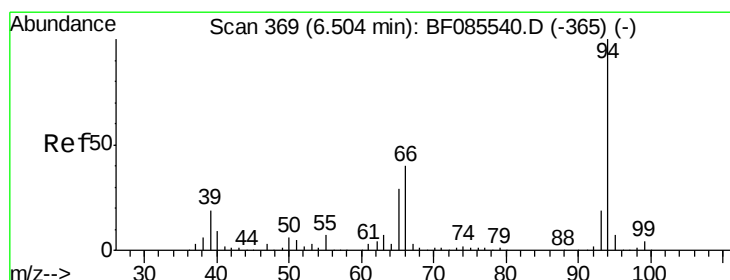
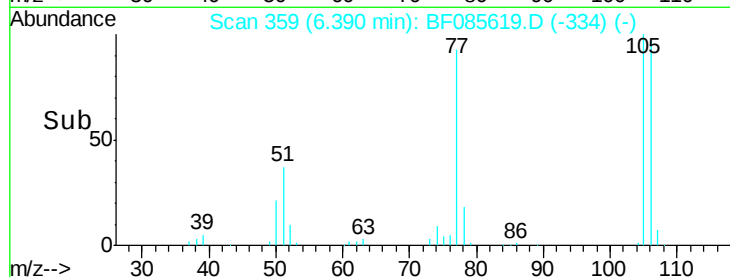
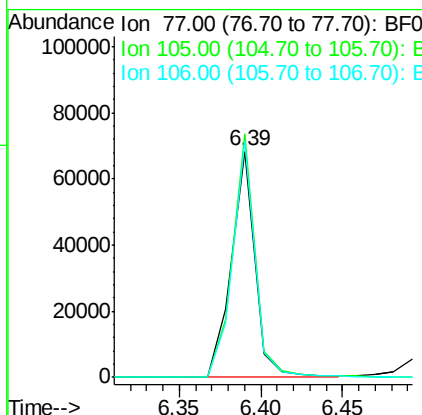
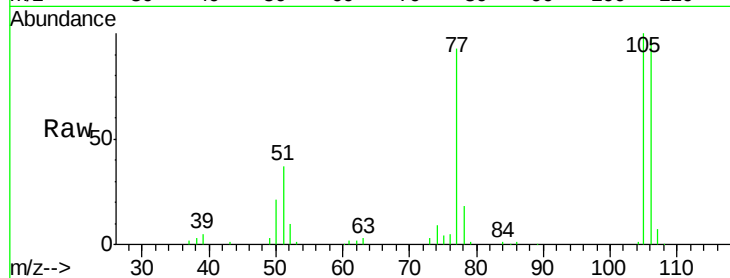
ClientSampleId :

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Tgt Ion:	77	Resp:	68415
Ion	Ratio	Lower	Upper
77	100		
105	107.7	80.1	120.1
106	104.3	75.0	115.0

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#10

Phenol

Concen: 39.35 ng

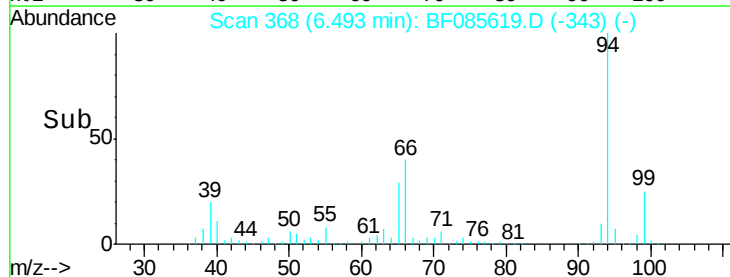
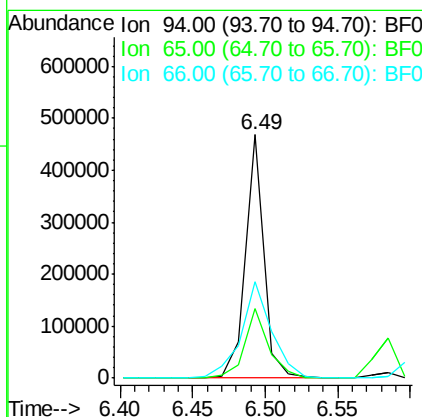
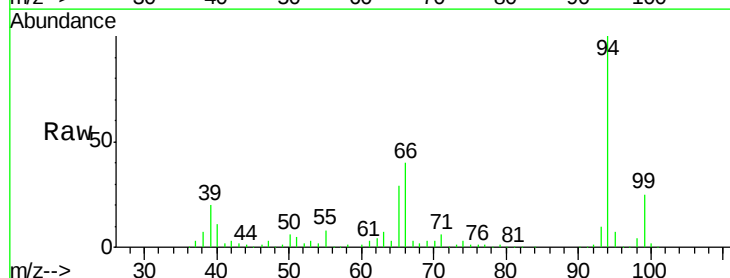
RT: 6.49 min Scan# 368

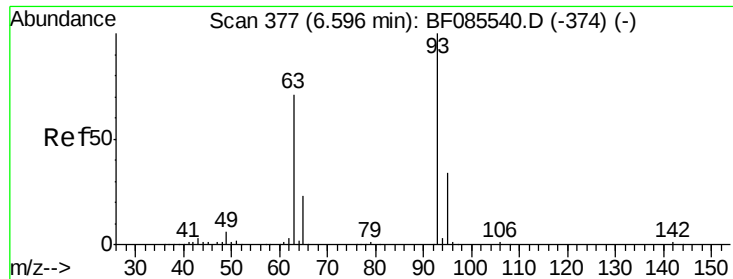
Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	94	Resp:	412860
Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.6	48.6
66	39.8	20.0	60.0





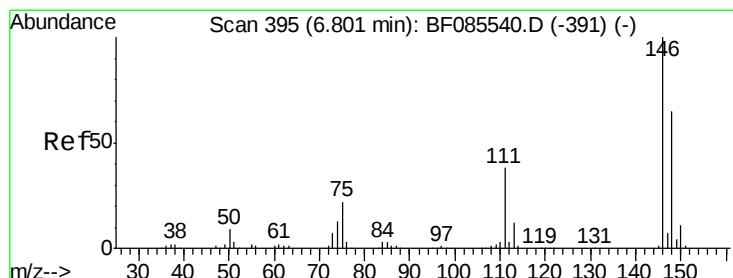
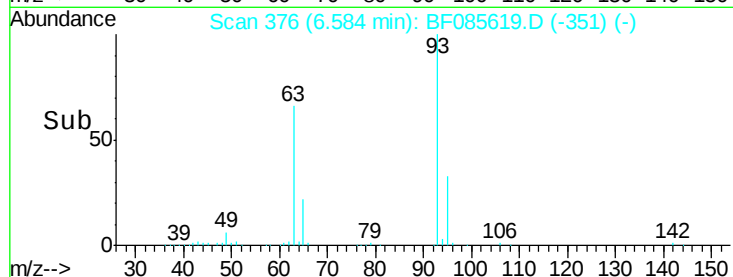
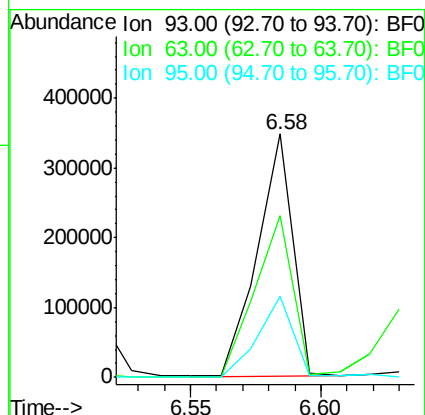
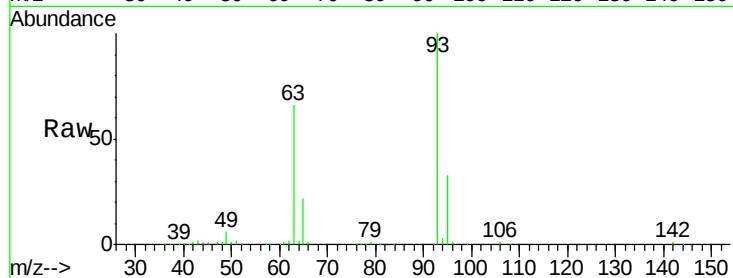
#11
bis(2-Chloroethyl)ether
Concen: 41.86 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion:	93	Resp:	331110
Ion	Ratio	Lower	Upper
93	100		
63	66.5	50.9	90.9
95	33.3	13.3	53.3

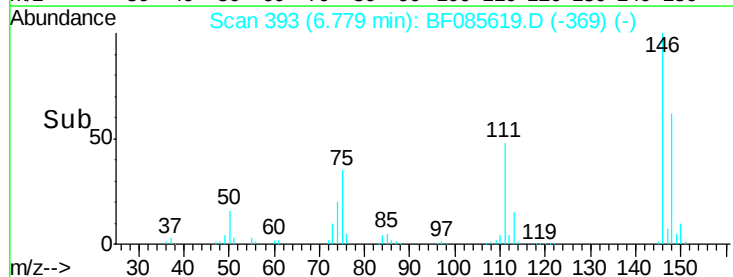
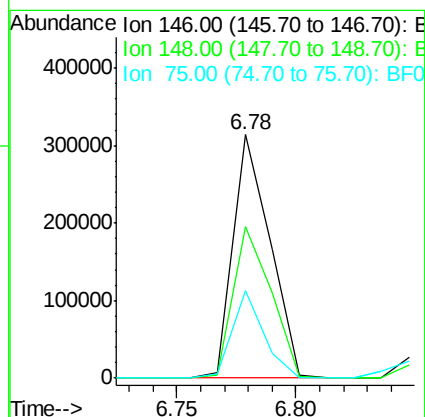
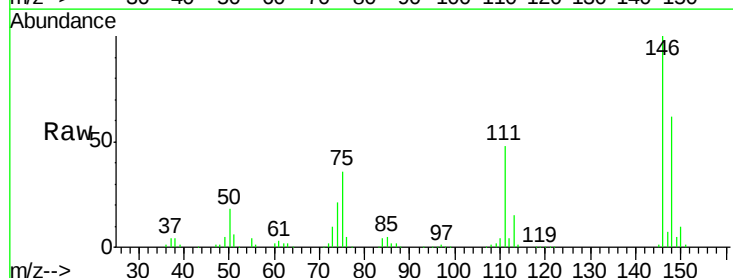
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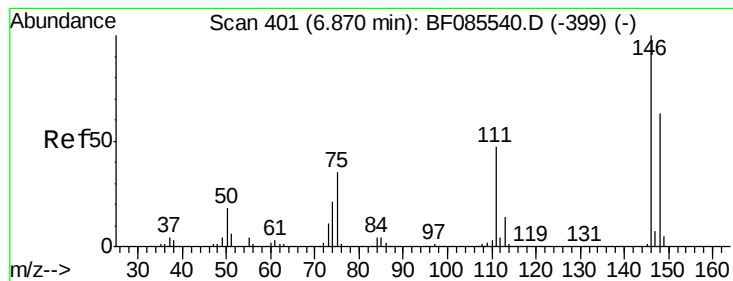
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#12
1,3-Dichlorobenzene
Concen: 37.26 ng m
RT: 6.78 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion:	146	Resp:	337425
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.3	78.5
75	36.0	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 37.99 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

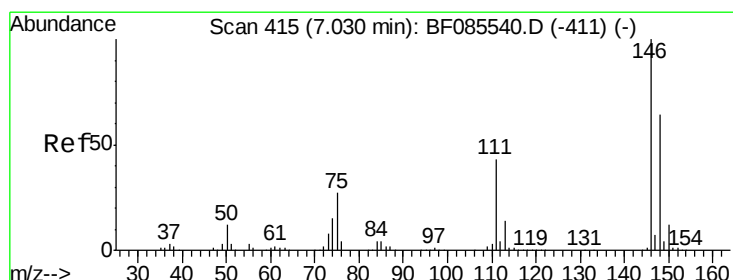
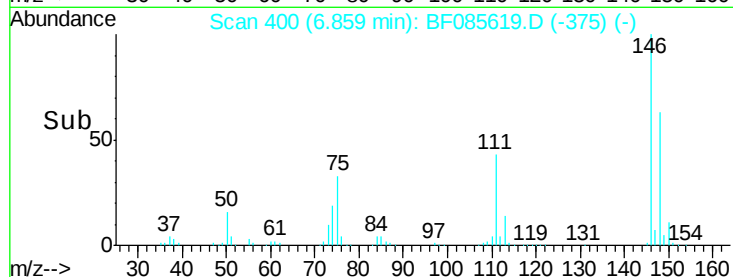
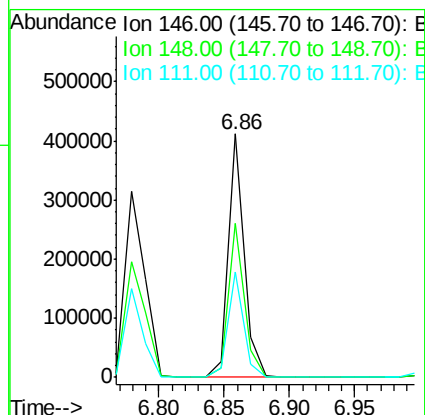
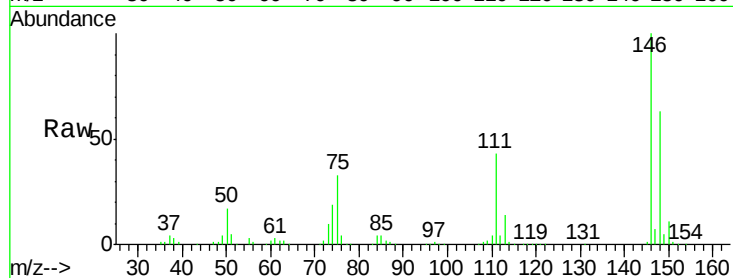
ClientSampleId :

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Tgt Ion:	146	Resp:	350872
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	43.3	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 38.95 ng

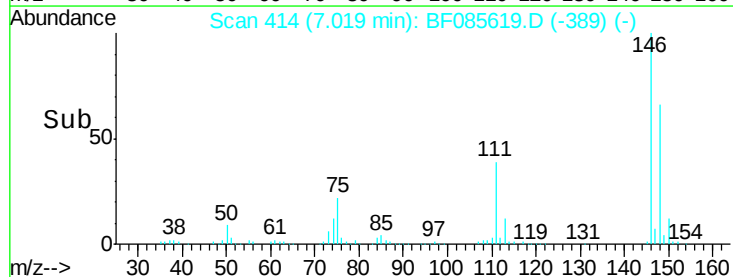
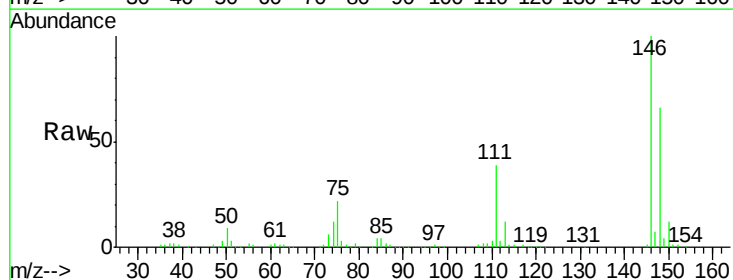
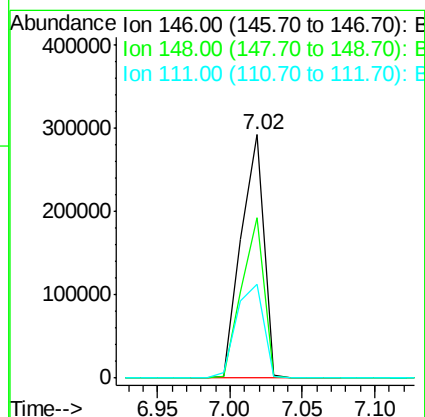
RT: 7.02 min Scan# 414

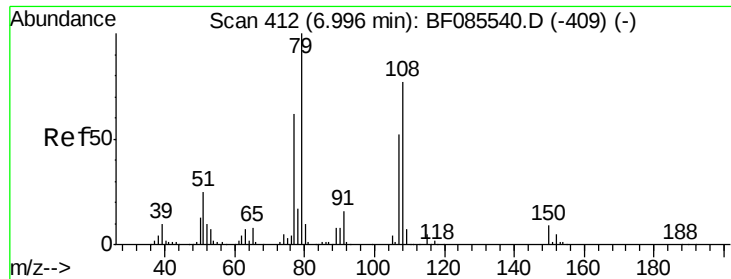
Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	146	Resp:	319427
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.4	77.2
111	38.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 40.88 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

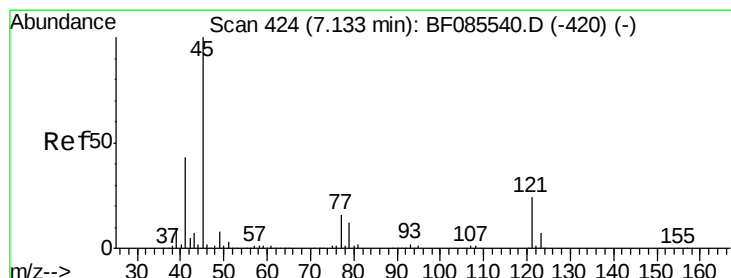
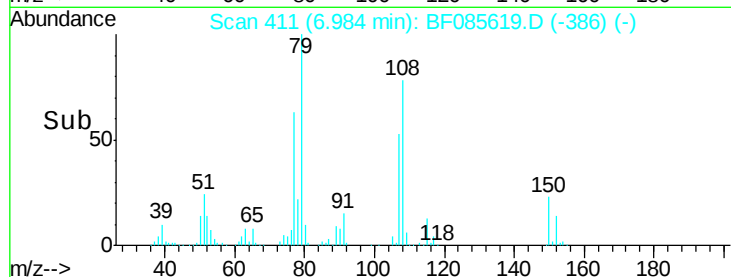
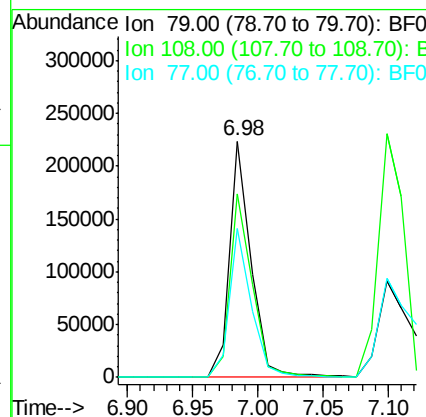
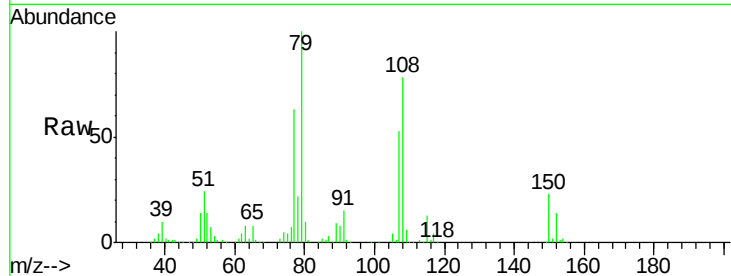
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Tgt Ion:	79	Resp:	257983
Ion Ratio	Lower	Upper	
79	100		
108	77.9	61.8	92.6
77	63.1	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.22 ng

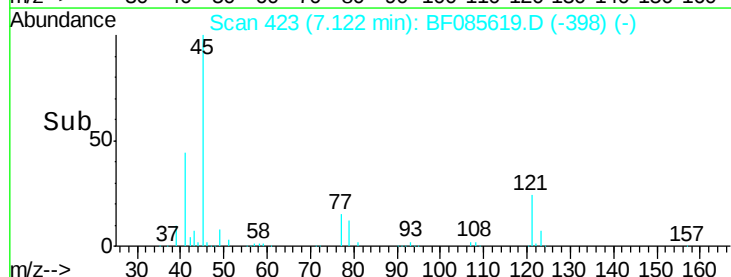
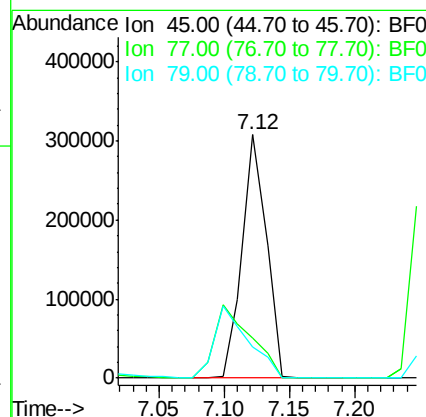
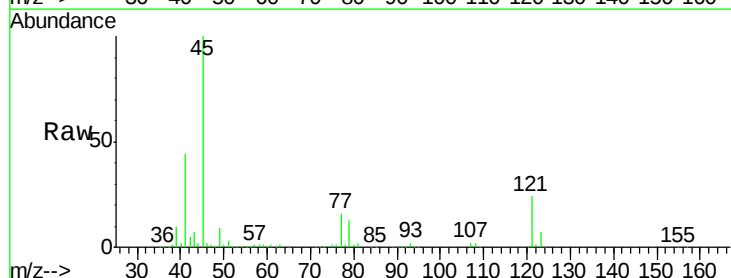
RT: 7.12 min Scan# 423

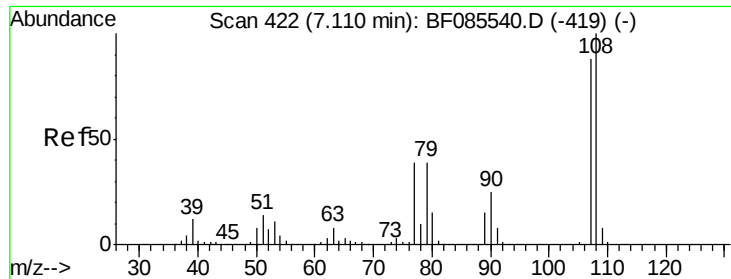
Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	45	Resp:	397593
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.7
79	12.8	0.0	32.2





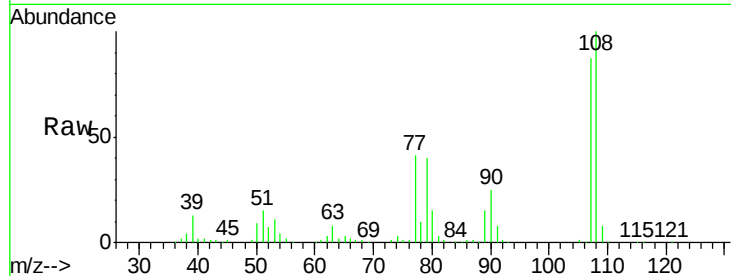
#17
2-Methylphenol
Concen: 39.84 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

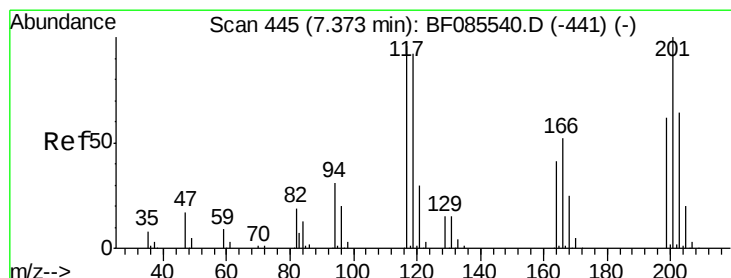
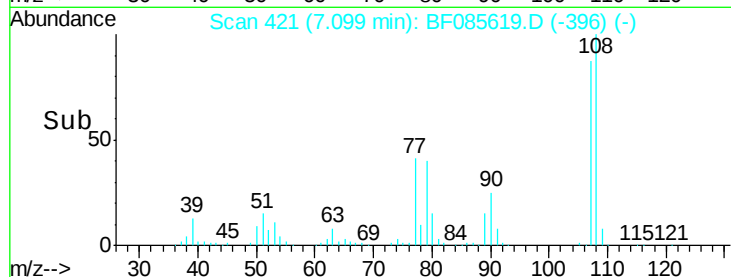
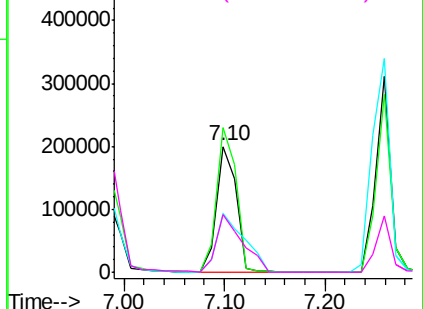
Tgt Ion:	107	Resp:	274423
Ion Ratio	Lower	Upper	
107	100		
108	115.3	91.4	137.0
77	46.7	36.2	54.2
79	45.8	35.8	53.8

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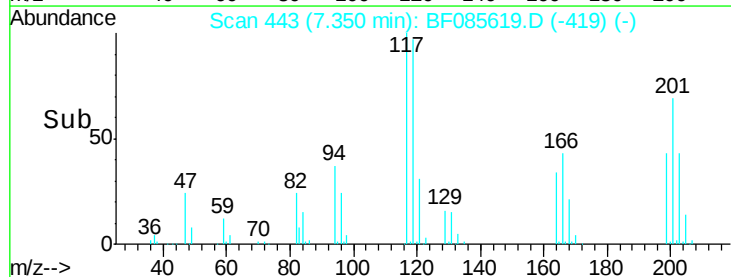
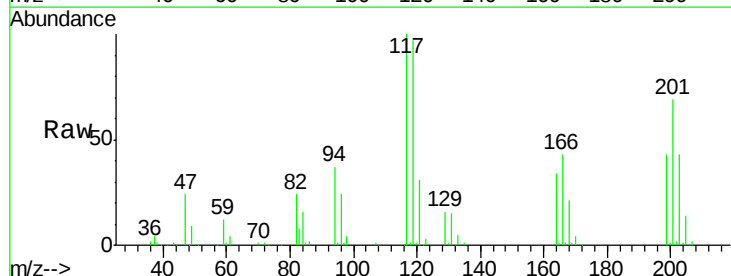
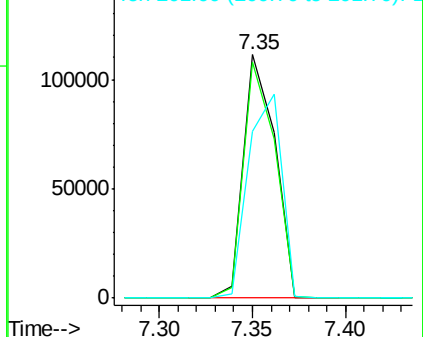
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

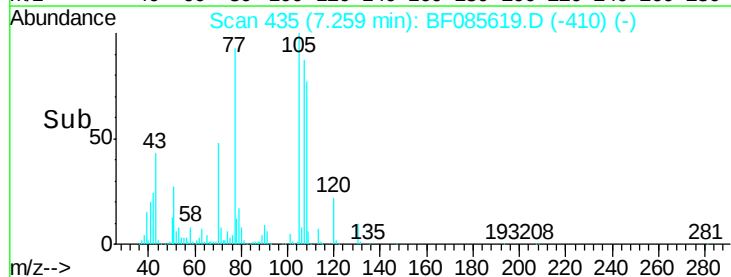
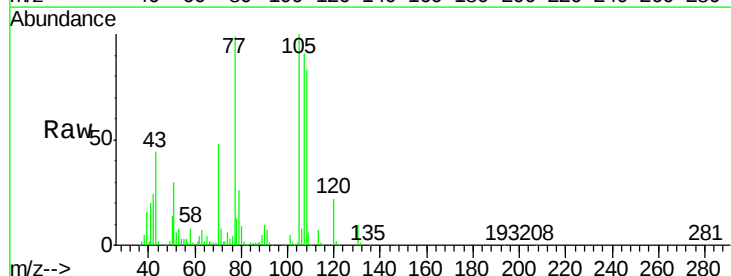
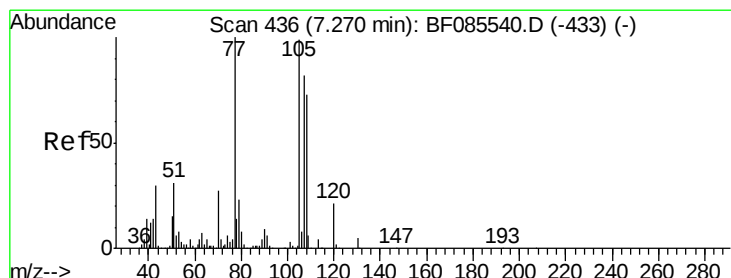
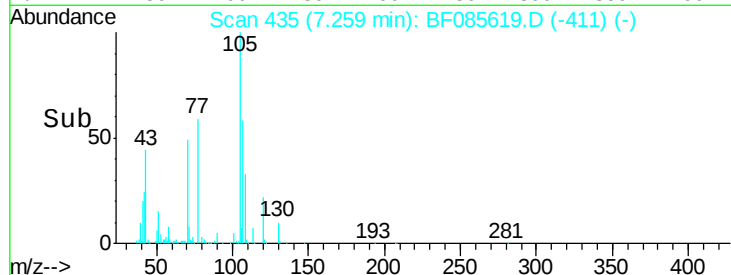
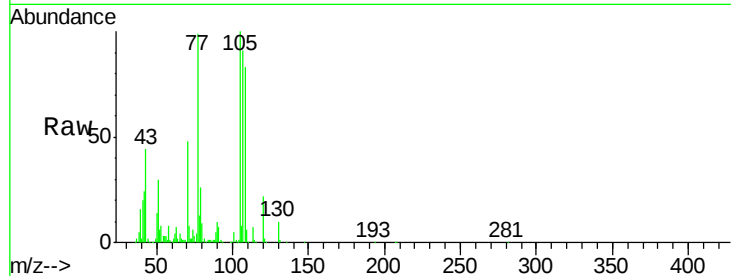
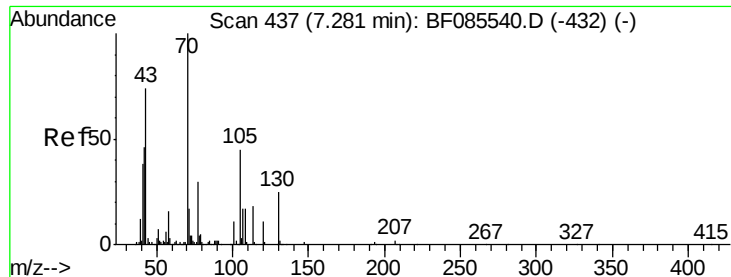


#18
Hexachloroethane
Concen: 39.61 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion:	117	Resp:	132080
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.7	115.1
201	68.6	83.3	124.9#

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

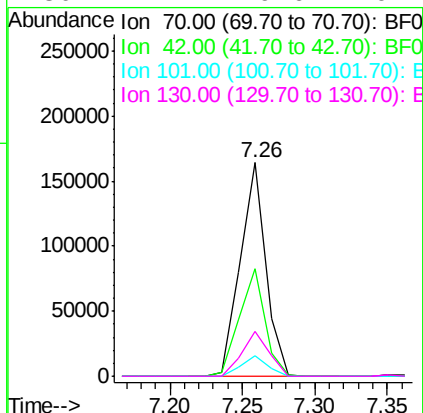




#19
n-Nitroso-di-n-propylamine
Concen: 36.48 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.6	37.1	55.7
101	9.9	8.6	12.8
130	21.2	19.6	29.4

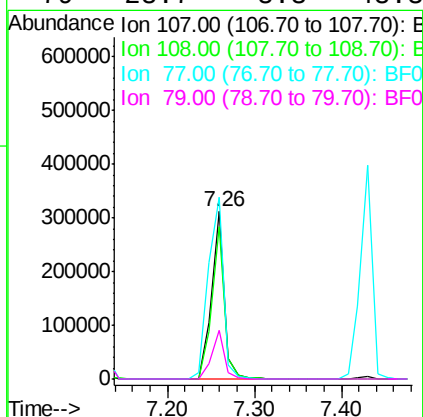


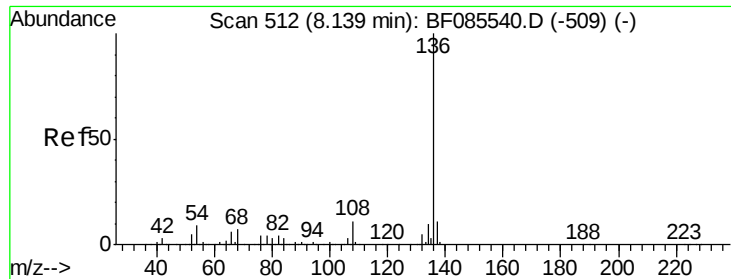
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#20
3+4-Methylphenols
Concen: 40.60 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.3	109.3
77	108.9	101.7	141.7
79	28.7	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: BF085619.D

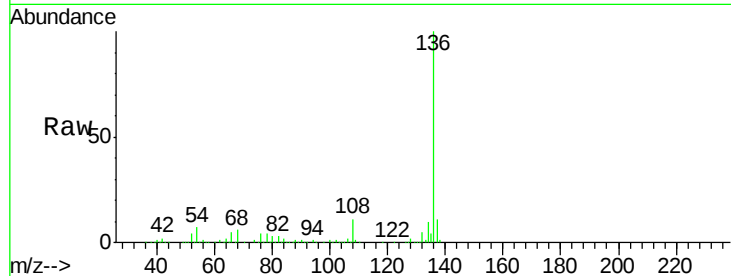
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

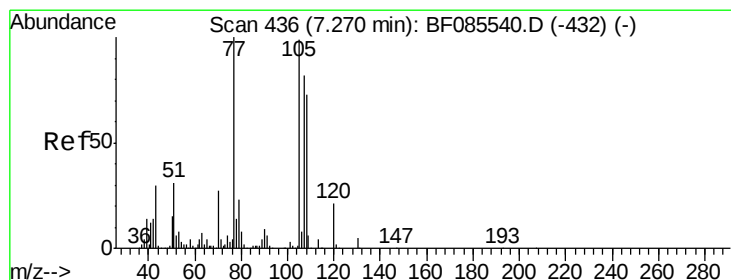
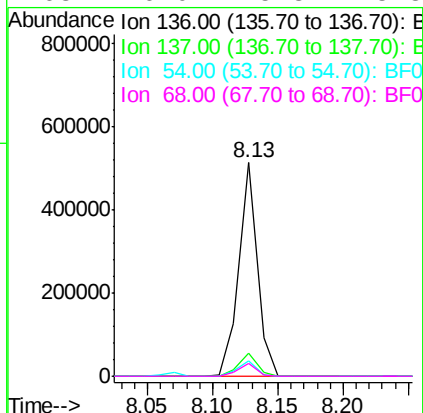
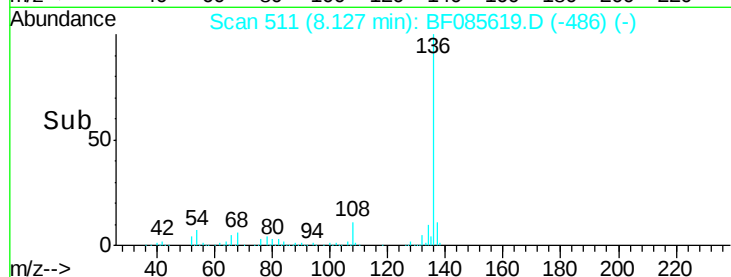
PB89054BS



Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.2	7.4	11.0#
68	6.0	5.8	8.8

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#22

Acetophenone

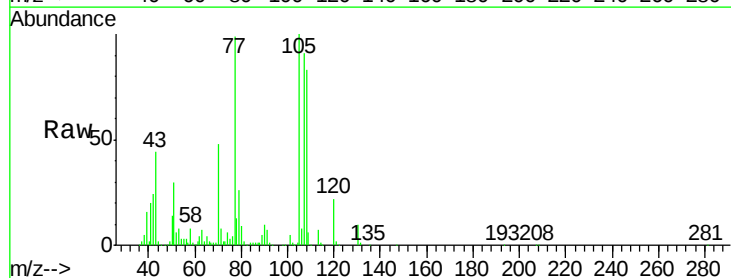
Concen: 35.41 ng

RT: 7.26 min Scan# 435

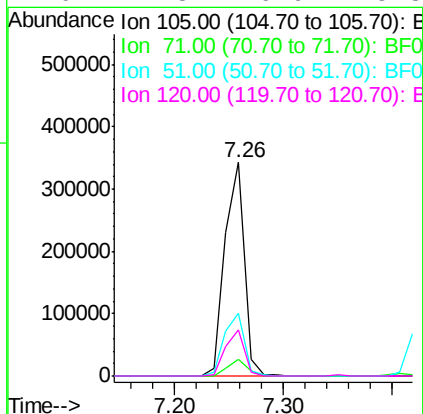
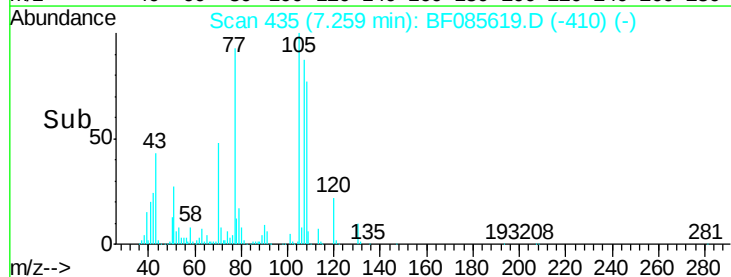
Delta R.T. -0.01 min

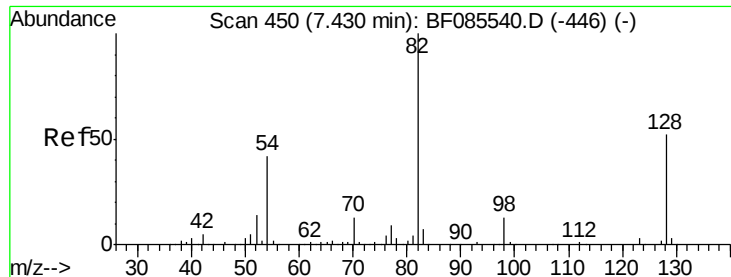
Lab File: BF085619.D

Acq: 21 Mar 2016 13:48



Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.9	3.6	5.4#
51	29.7	25.4	38.0
120	21.8	16.9	25.3





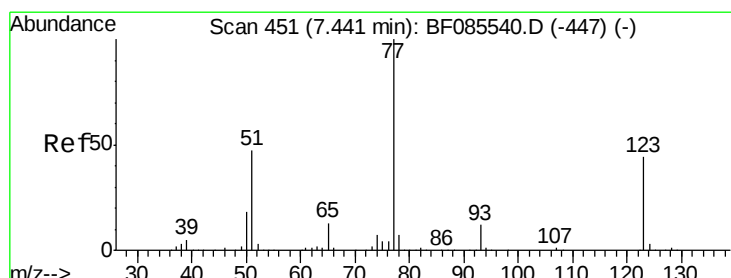
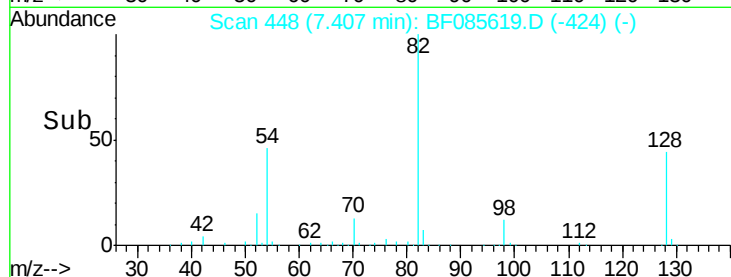
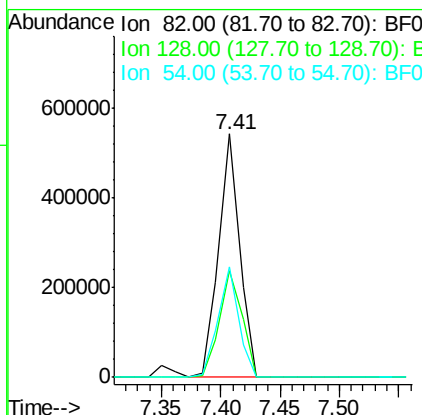
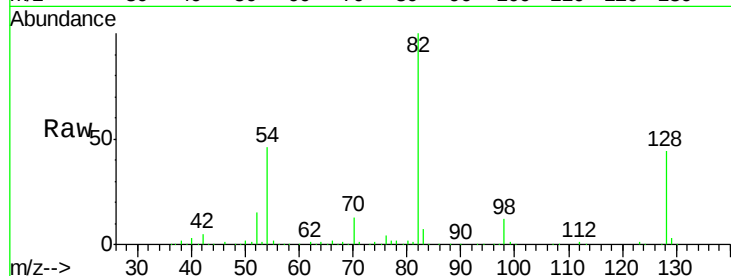
#23
 Nitrobenzene-d5
 Concen: 76.67 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	666513		
128	44.1	41.8	62.8	
54	45.5	33.4	50.0	

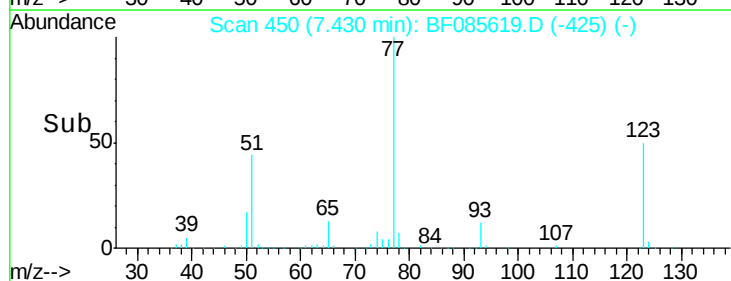
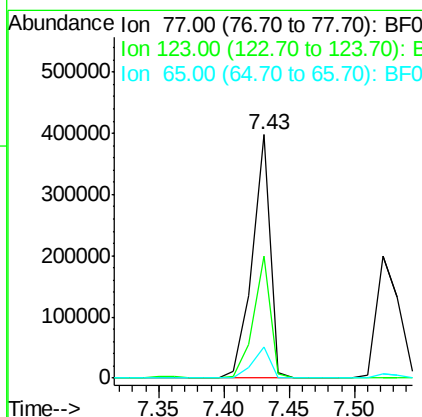
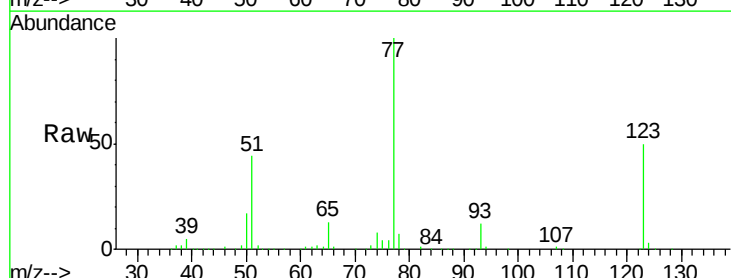
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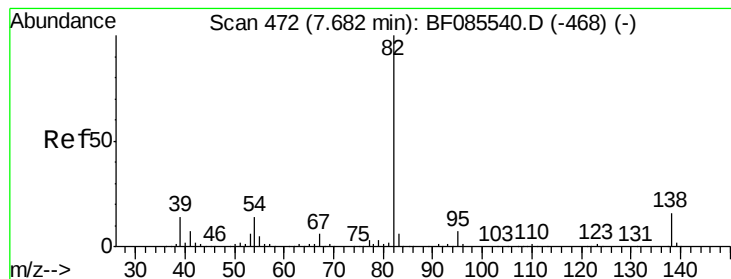
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#24
 Nitrobenzene
 Concen: 39.87 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	379367		
123	49.9	35.0	52.4	
65	12.8	10.6	16.0	





#25

Isophorone

Concen: 37.56 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

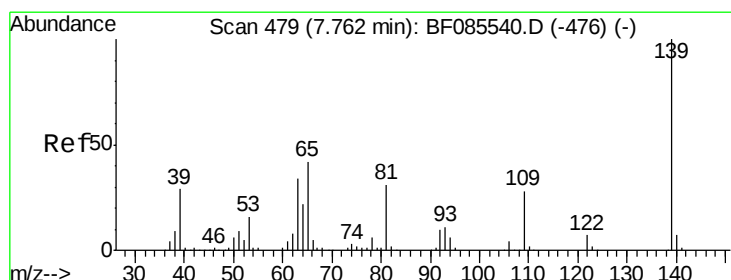
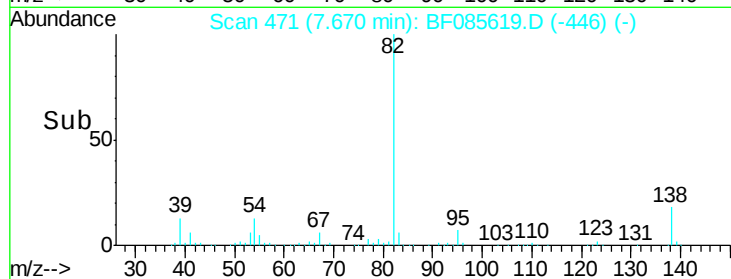
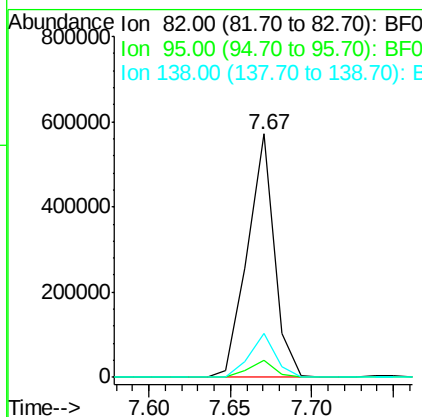
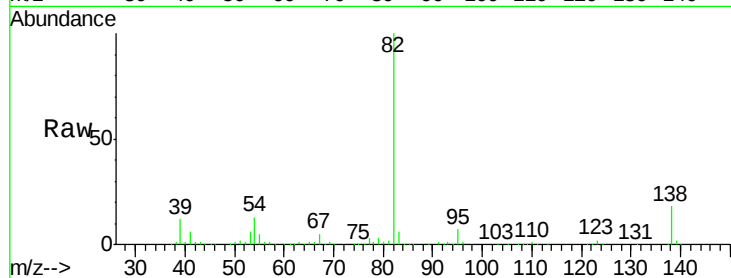
ClientSampleId :

PB89054BS

Tgt Ion:	82	Resp:	653690
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.1	12.9	19.3

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#26

2-Nitrophenol

Concen: 39.39 ng

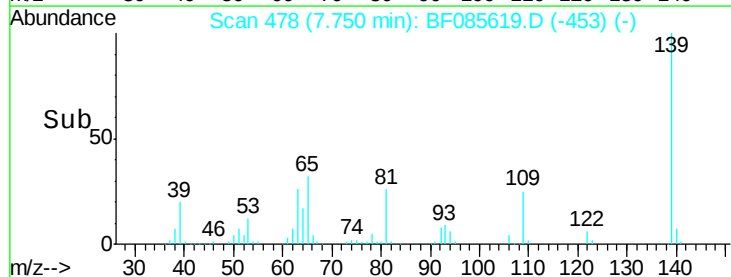
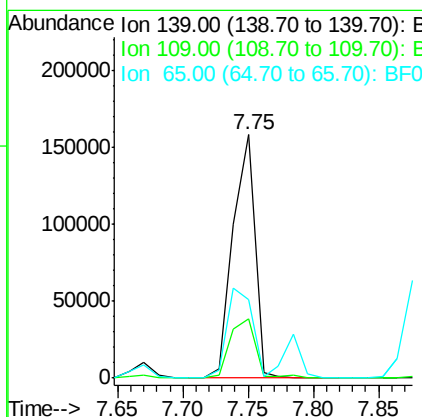
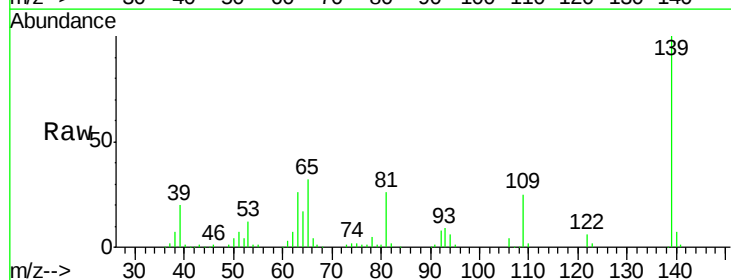
RT: 7.75 min Scan# 478

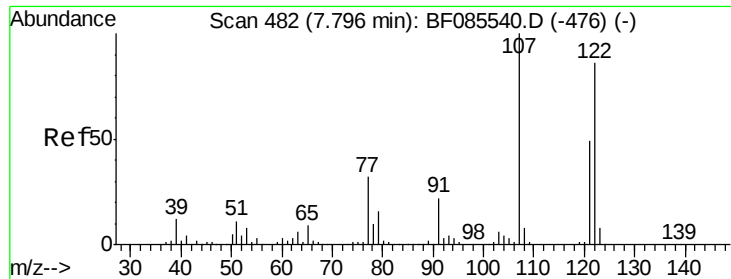
Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	139	Resp:	185233
Ion Ratio	Lower	Upper	
139	100		
109	24.5	22.1	33.1
65	32.4	33.9	50.9#





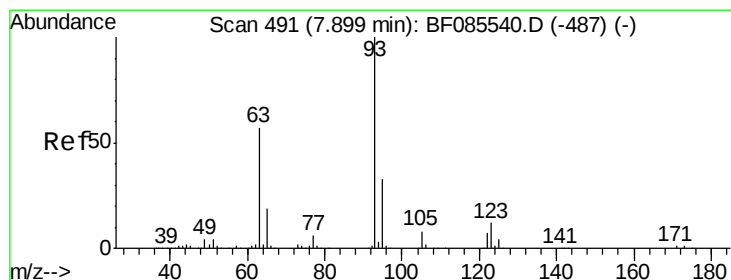
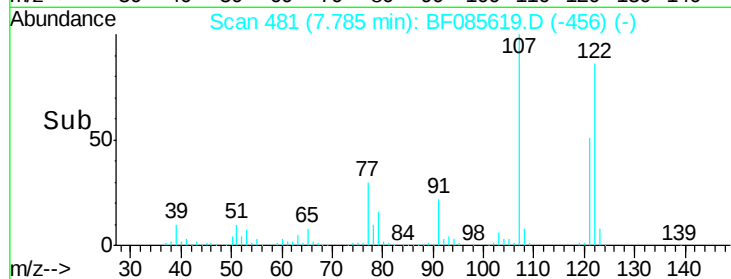
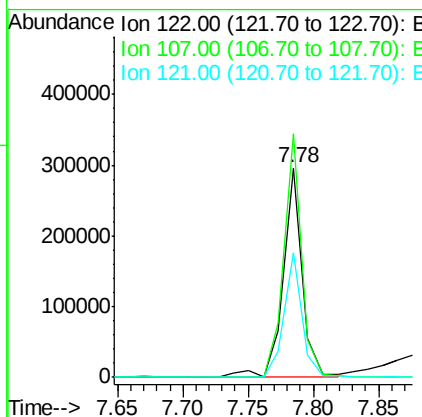
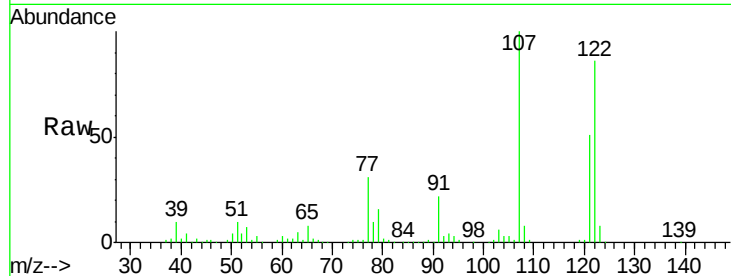
#27
 2,4-Dimethylphenol
 Concen: 36.56 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	304028		
107	116.1	93.0	139.6	
121	59.4	45.9	68.9	

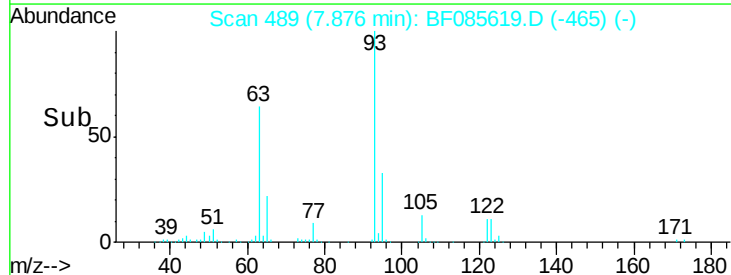
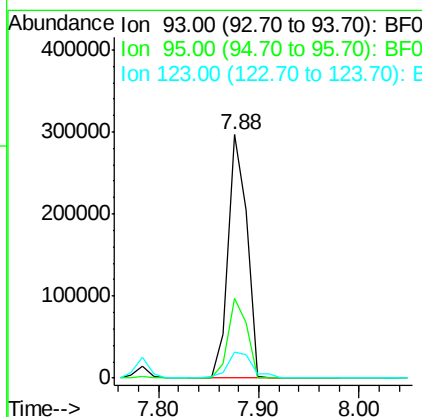
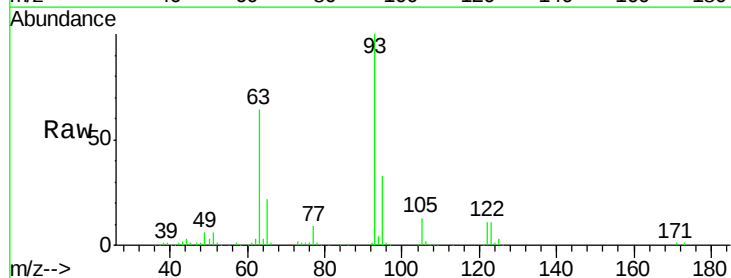
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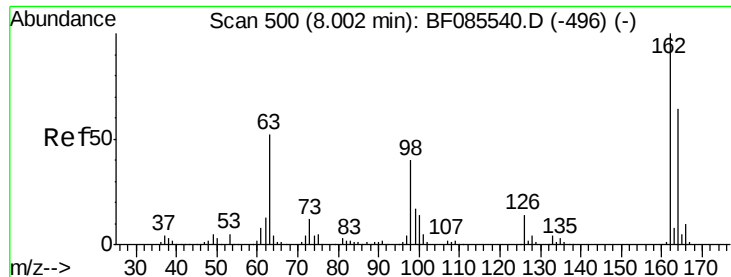
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.82 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384315		
95	32.5	26.4	39.6	
123	10.7	9.8	14.6	





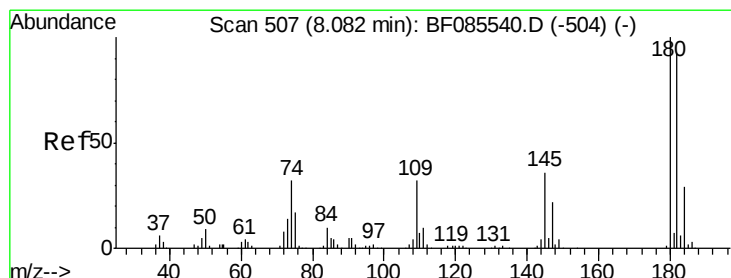
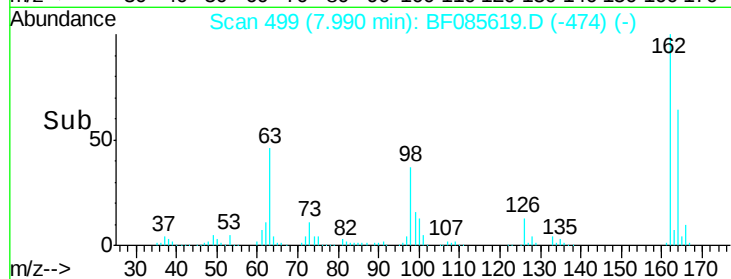
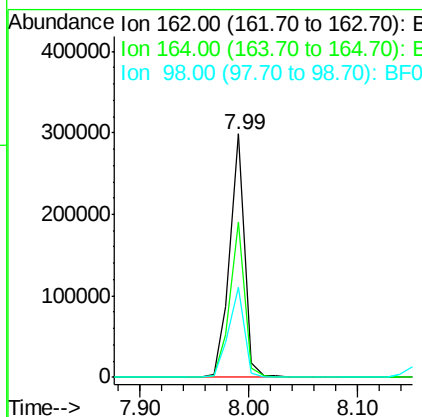
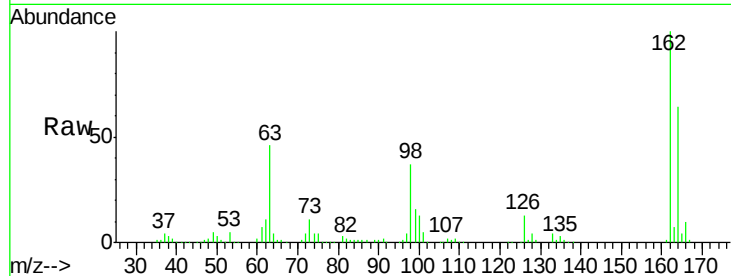
#29
 2,4-Dichlorophenol
 Concen: 41.12 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	282408		
164	63.7	43.7	83.7	
98	37.2	20.4	60.4	

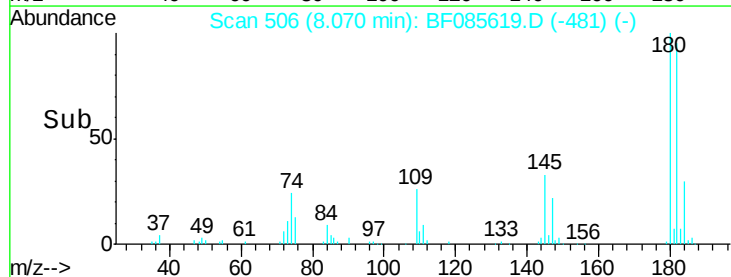
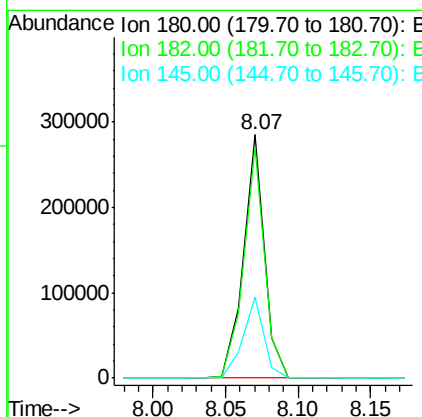
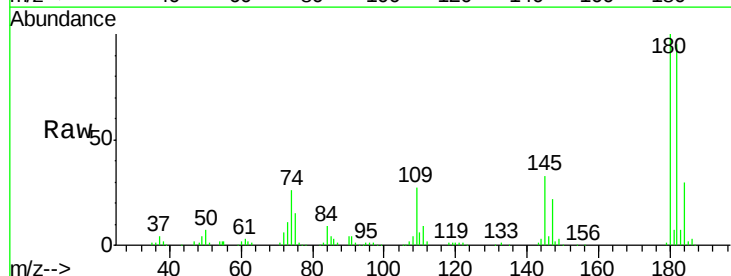
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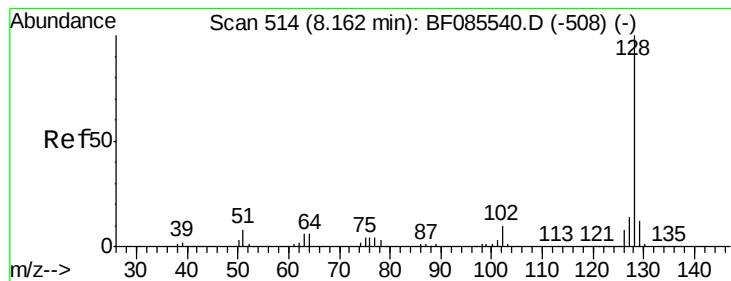
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.13 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285585		
182	94.9	73.8	110.8	
145	33.3	28.4	42.6	





#31

Naphthalene

Concen: 36.96 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085619.D

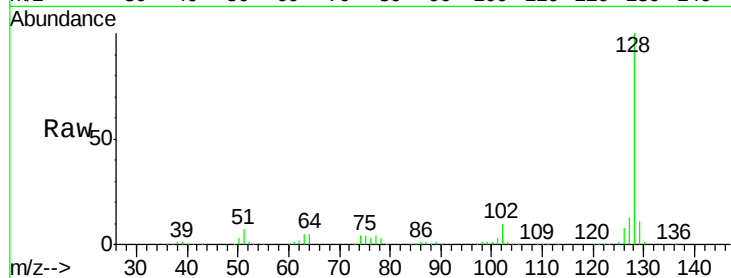
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

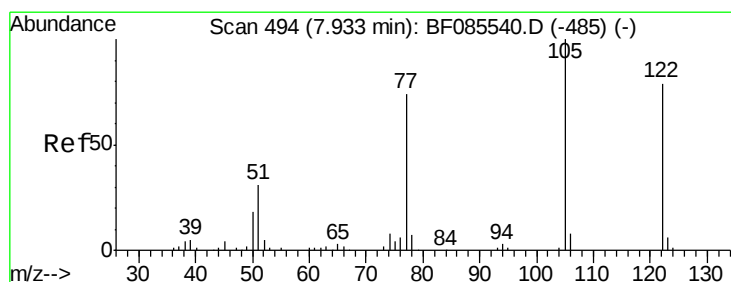
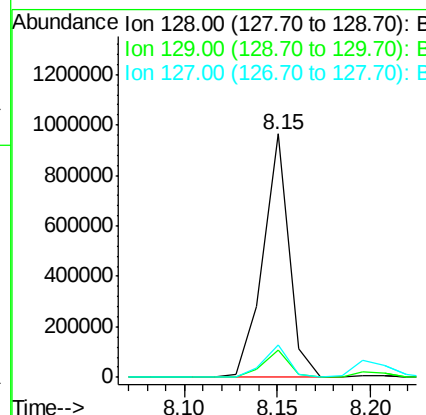
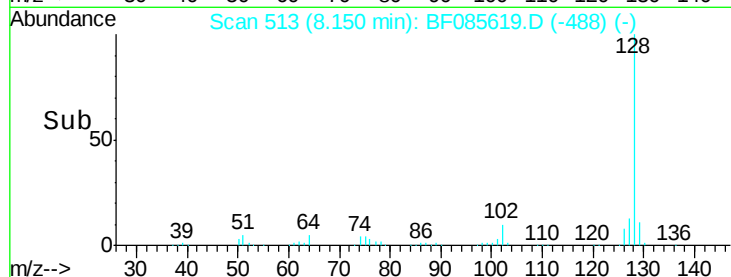
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Tgt Ion:	128	Resp:	941370
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.0
127	13.5	11.0	16.6

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#32

Benzoic acid

Concen: 25.21 ng

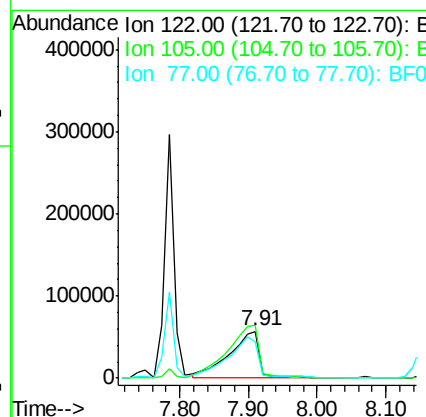
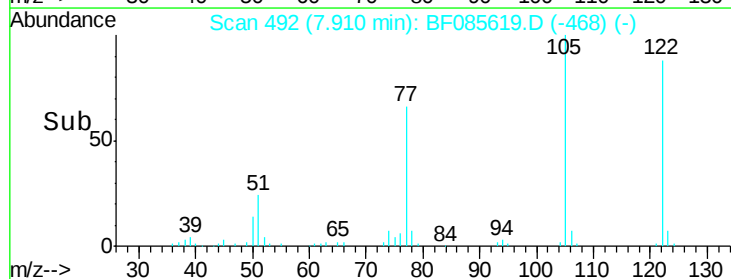
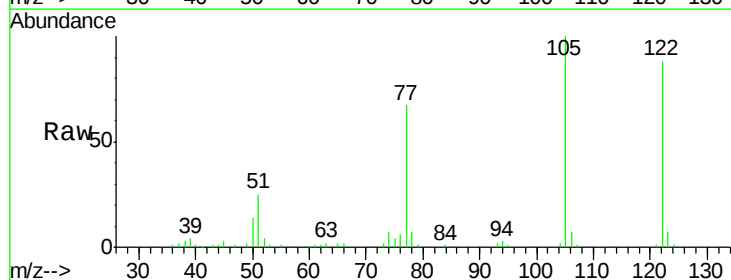
RT: 7.91 min Scan# 492

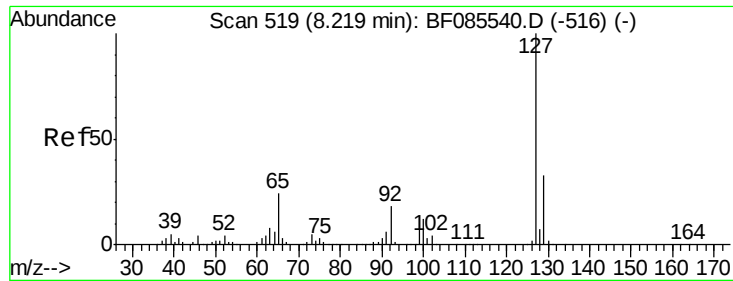
Delta R.T. -0.02 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	122	Resp:	175300
Ion Ratio	Lower	Upper	
122	100		
105	113.5	102.9	142.9
77	76.1	71.8	111.8





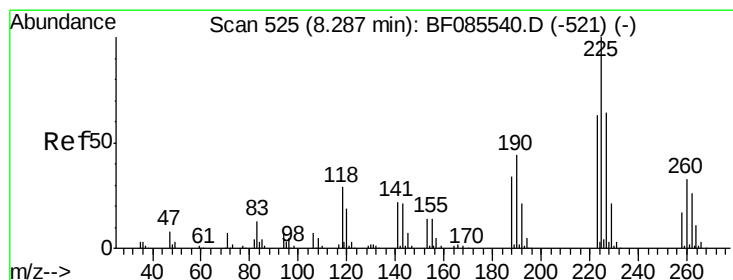
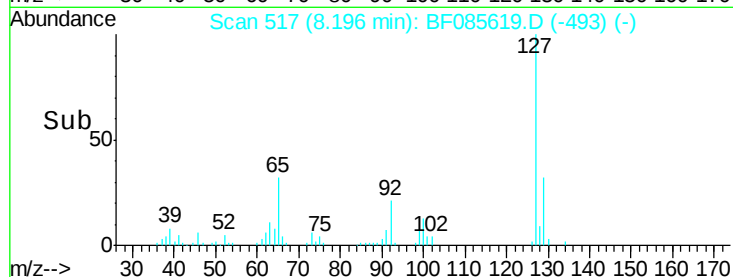
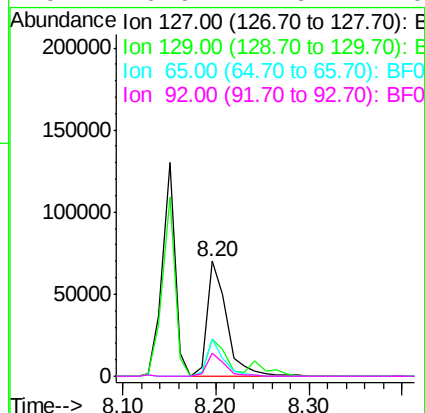
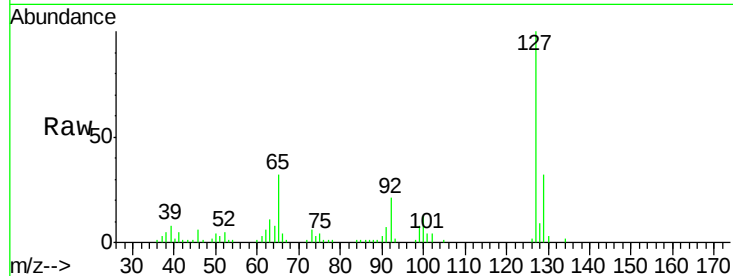
#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.1	39.1
65	32.3	19.5	29.3
92	20.6	14.6	22.0

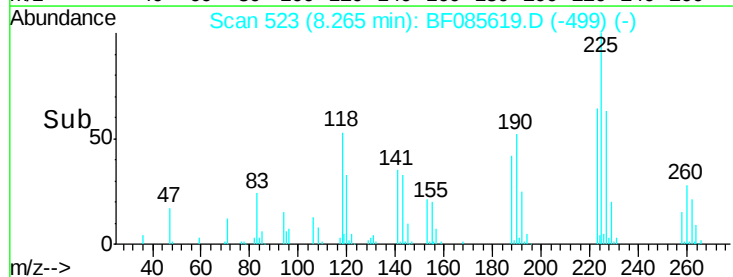
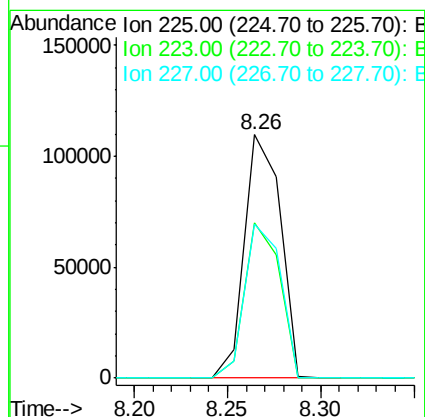
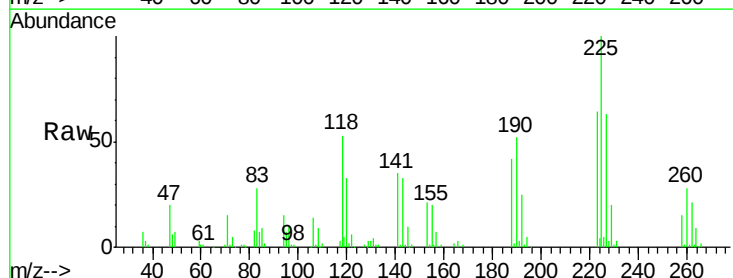
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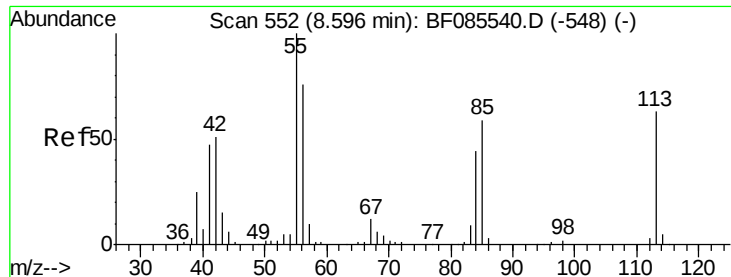
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#34
Hexachlorobutadiene
Concen: 35.71 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.8	50.4	75.6
227	63.4	51.4	77.2





#35

Caprolactam

Concen: 39.52 ng m

RT: 8.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

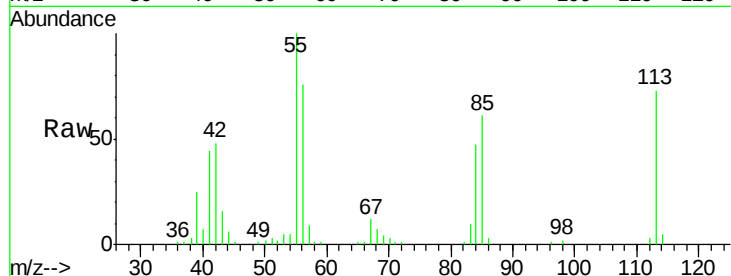
ClientSampleId :

PB89054BS

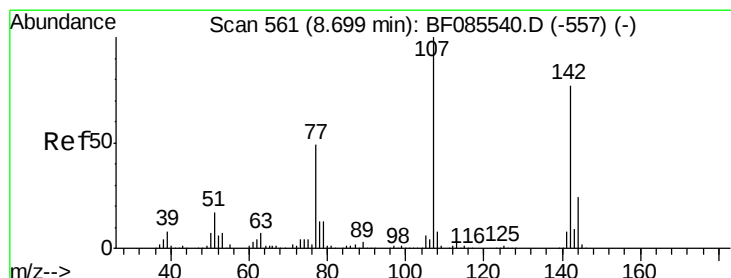
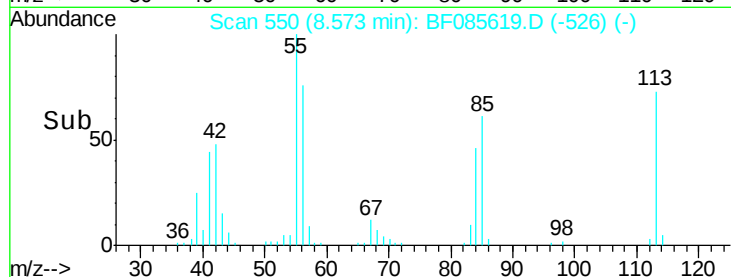
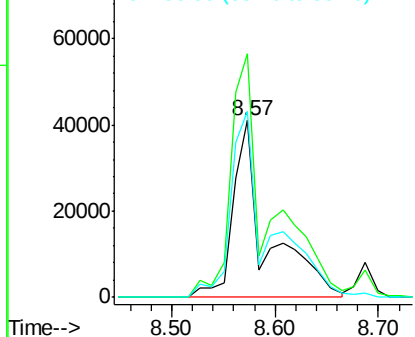
Tgt Ion:113 Resp: 93374
 Ion Ratio Lower Upper
 113 100
 55 137.6 139.4 179.4#
 56 105.1 100.4 140.4

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



#36

4-Chloro-3-methylphenol

Concen: 37.07 ng

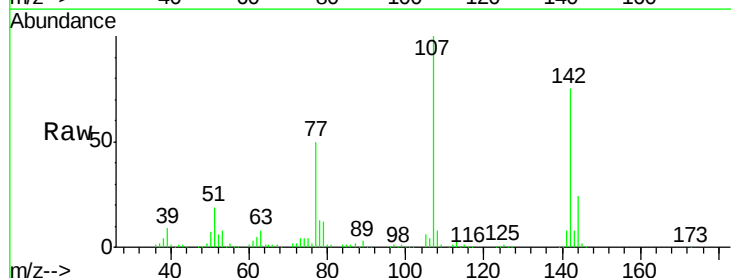
RT: 8.69 min Scan# 560

Delta R.T. -0.01 min

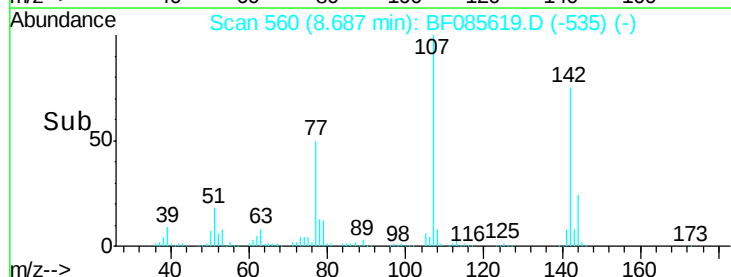
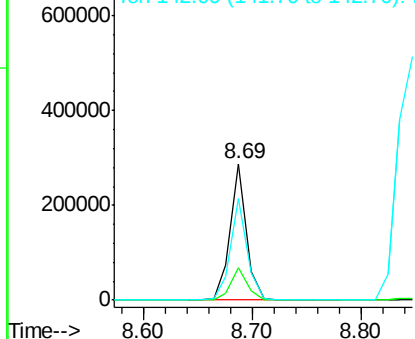
Lab File: BF085619.D

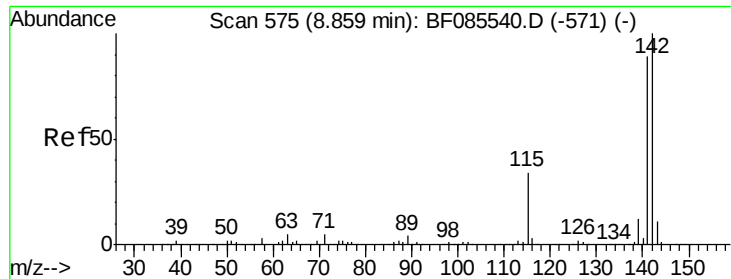
Acq: 21 Mar 2016 13:48

Tgt Ion:107 Resp: 297351
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 74.9 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





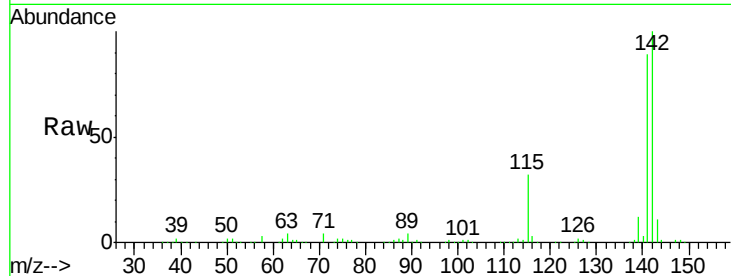
#37
2-Methylnaphthalene
Concen: 42.32 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

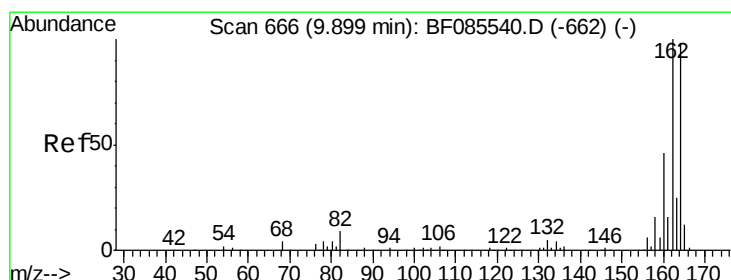
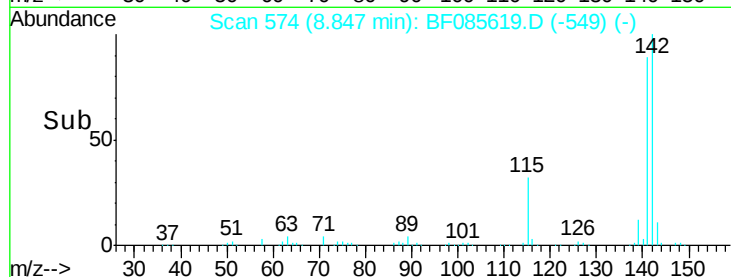
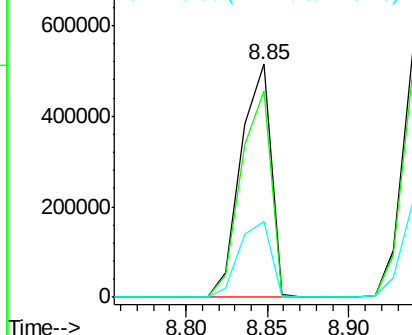
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	32.4	26.8	40.2

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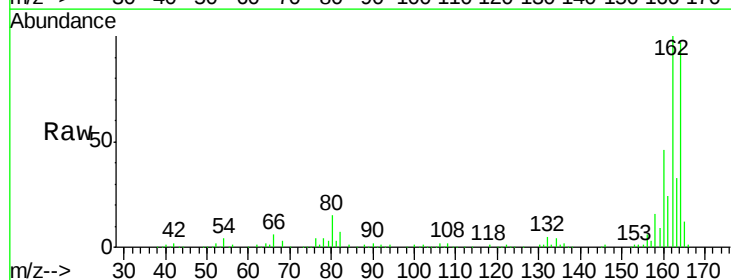


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

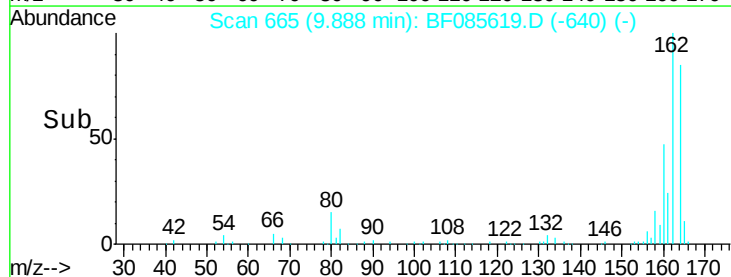
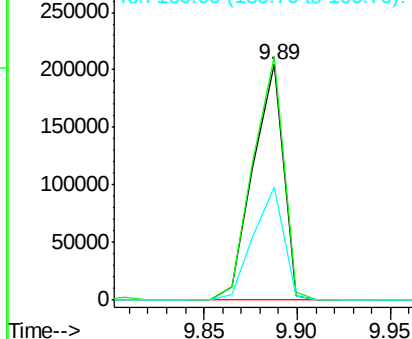


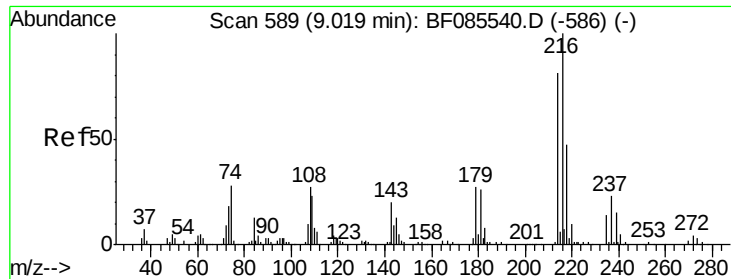
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	47.9	37.4	56.2



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





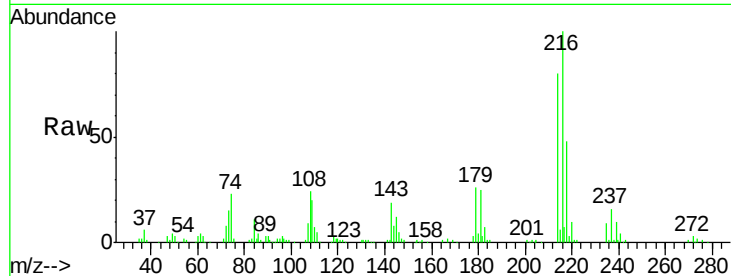
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.64 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

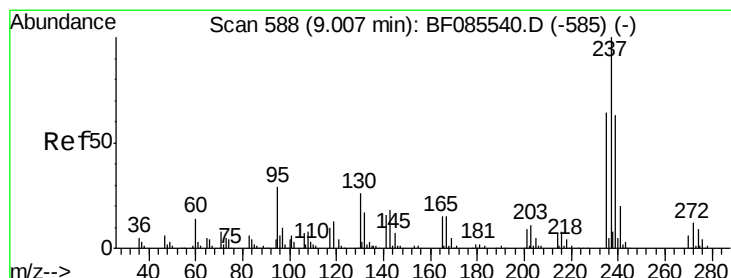
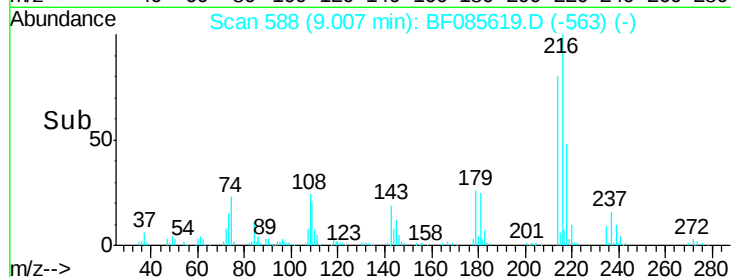
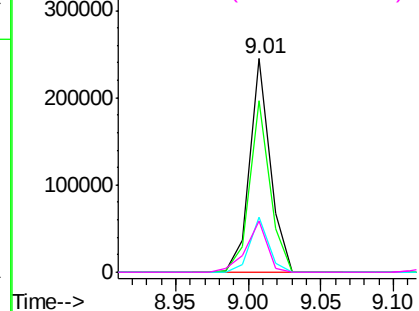
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	241302		
214	78.7	63.1	94.7	
179	23.7	18.2	27.2	
108	25.1	17.3	25.9	

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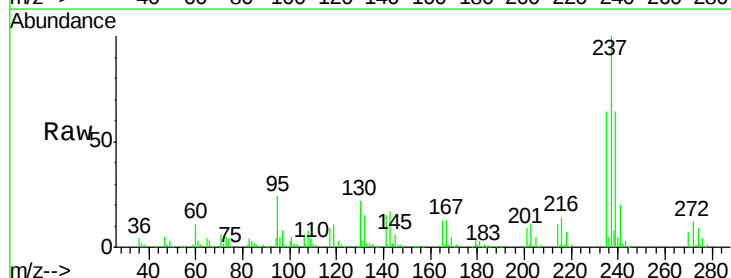


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

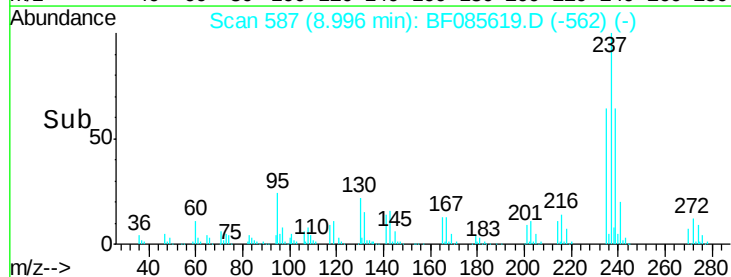
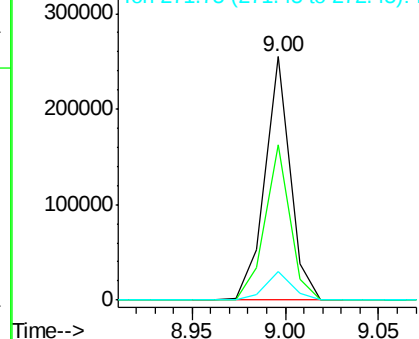


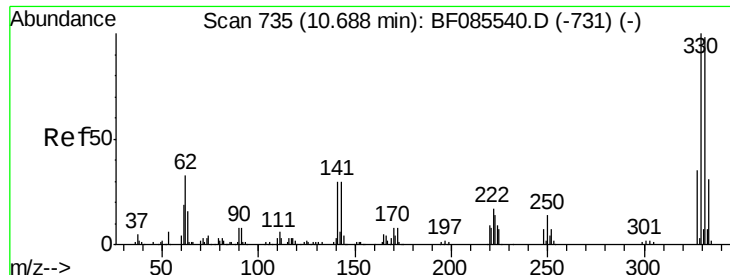
#40
 Hexachlorocyclopentadiene
 Concen: 75.90 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	238291		
235	63.8	43.7	83.7	
272	11.9	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





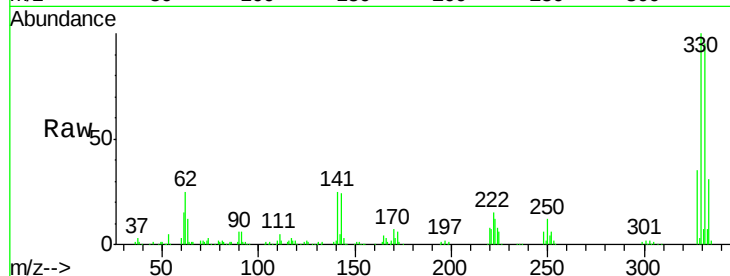
#41
 2,4,6-Tribromophenol
 Concen: 128.40 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

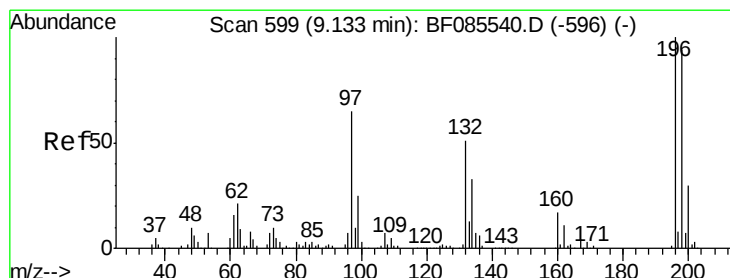
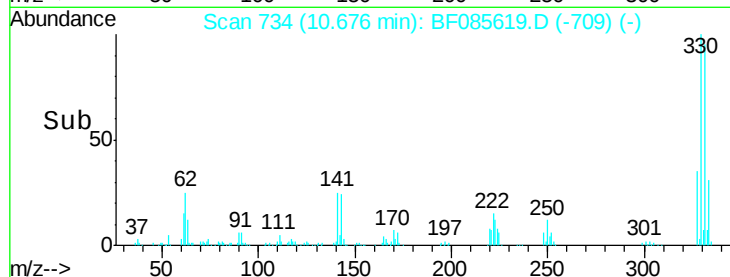
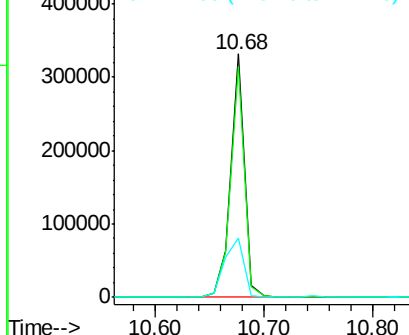
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288826		
332	95.2	78.2	117.2	
141	34.6	31.5	47.3	

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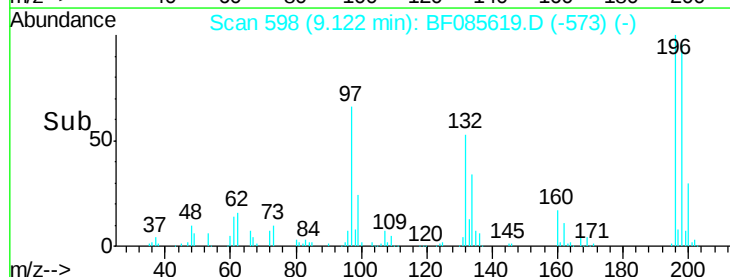
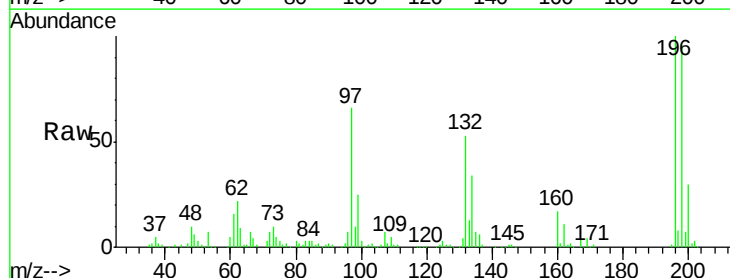
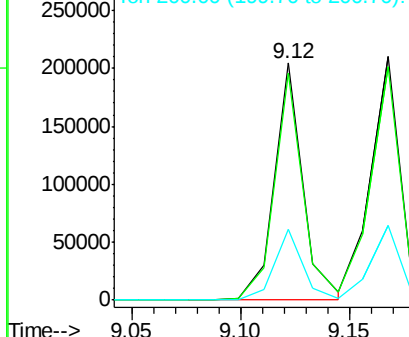
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

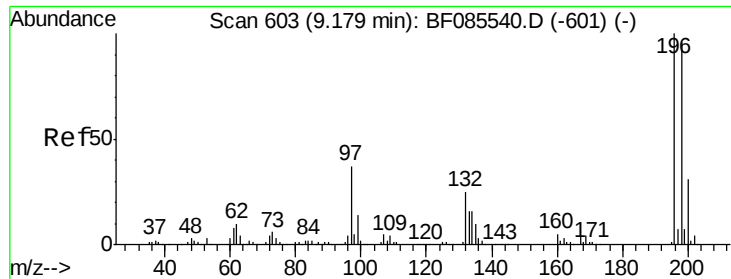


#42
 2,4,6-Trichlorophenol
 Concen: 39.53 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188493		
198	95.8	75.3	112.9	
200	29.8	23.7	35.5	

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





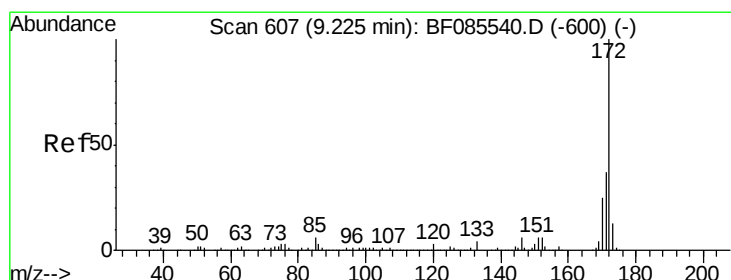
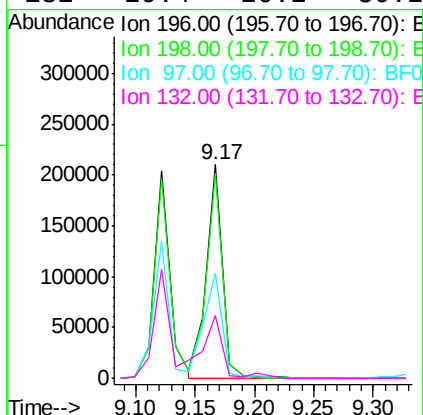
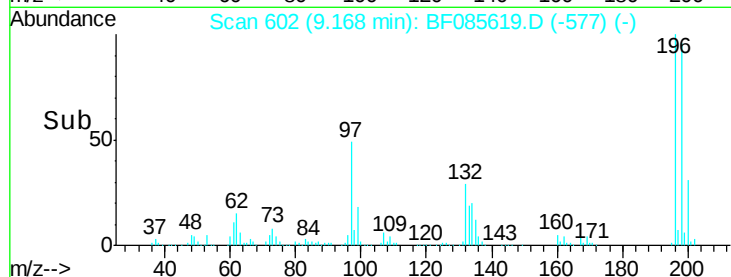
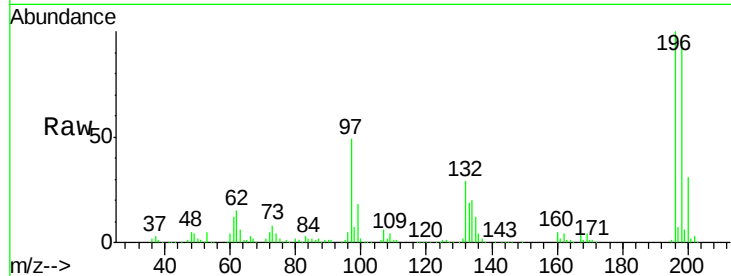
#43
 2,4,5-Trichlorophenol
 Concen: 40.88 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198376		
198	95.9	76.6	114.8	
97	49.0	30.5	45.7#	
132	29.4	20.2	30.2	

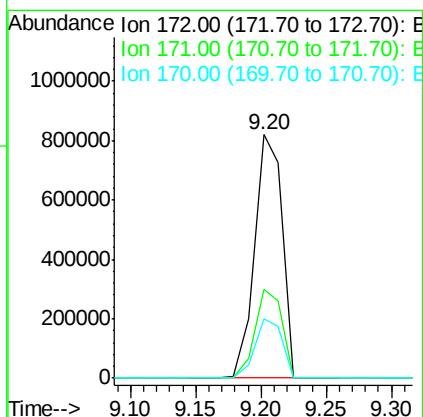
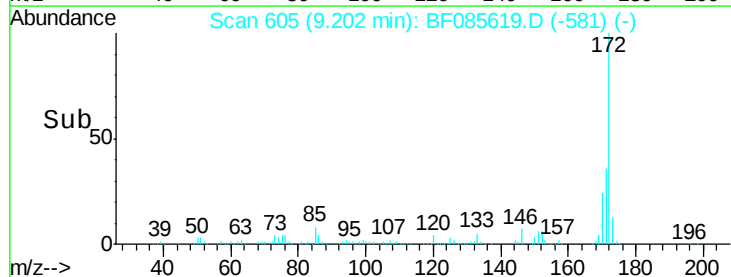
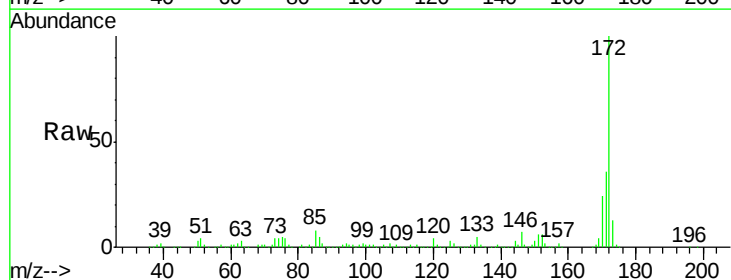
Manual Integrations
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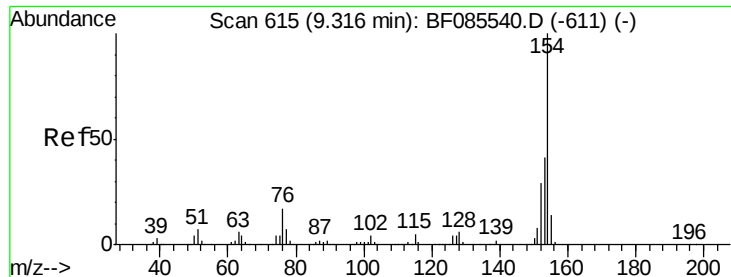
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#44
 2-Fluorobiphenyl
 Concen: 91.00 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1203347		
171	36.4	29.4	44.2	
170	24.3	19.8	29.6	





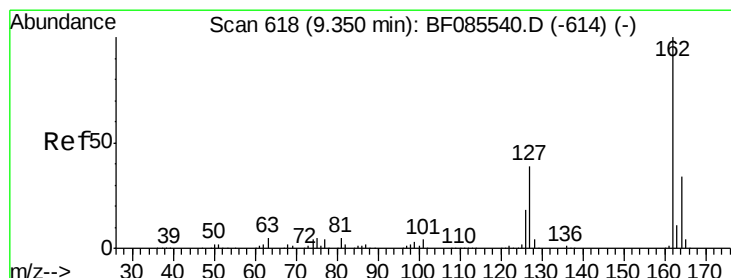
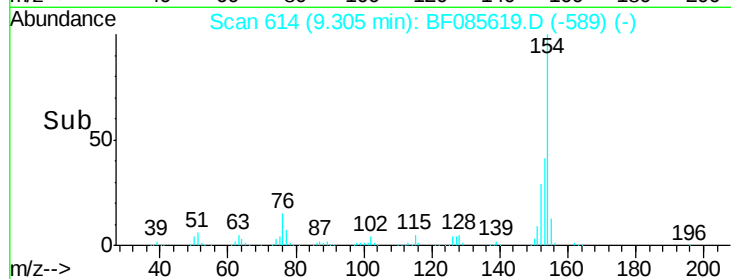
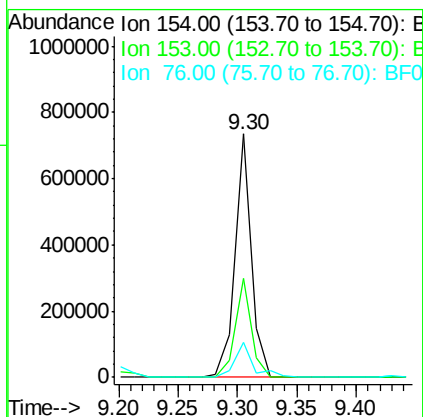
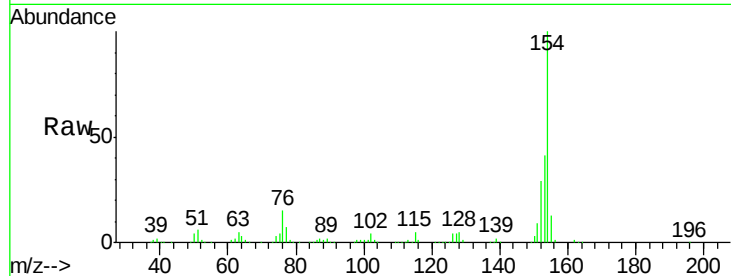
#45
 1,1'-Biphenyl
 Concen: 35.39 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleID :
 PB89054BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	14.6	0.0	36.7

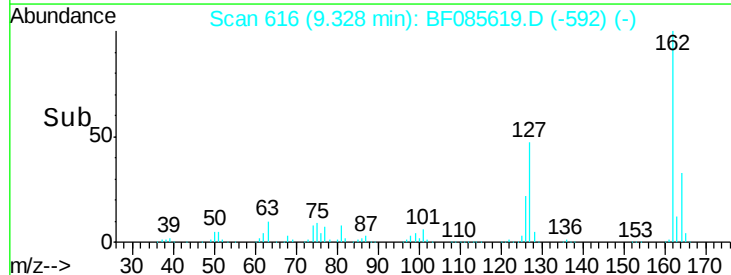
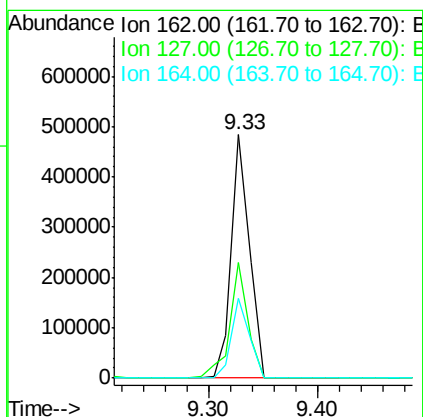
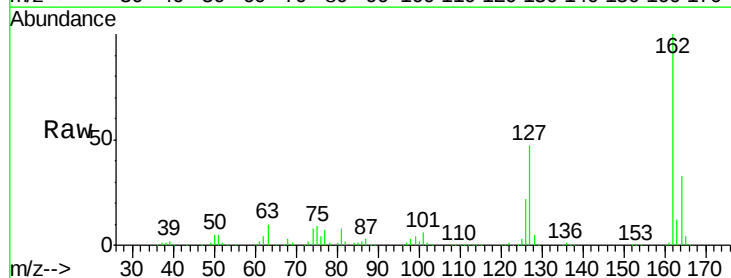
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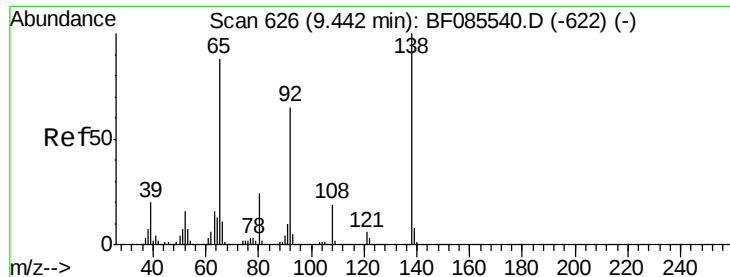
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 3/22/2016 5:33:27 PM



#46
 2-Chloronaphthalene
 Concen: 38.23 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.3	31.7	47.5
164	32.8	27.3	40.9





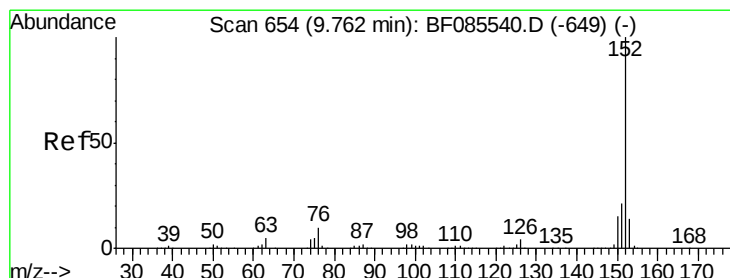
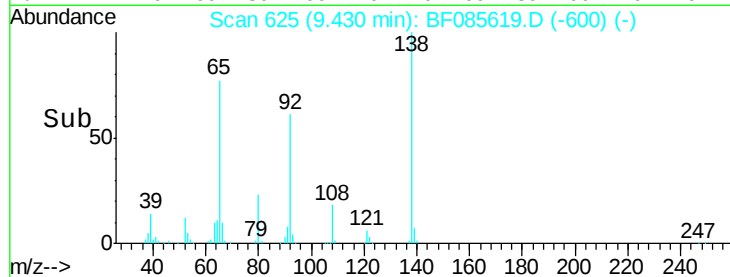
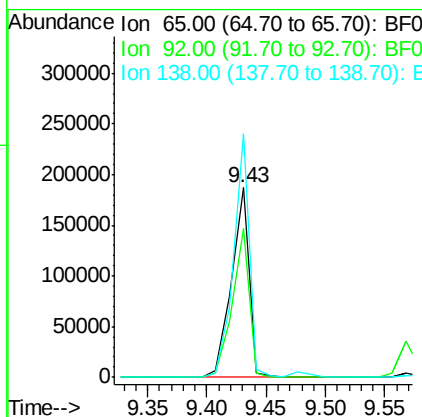
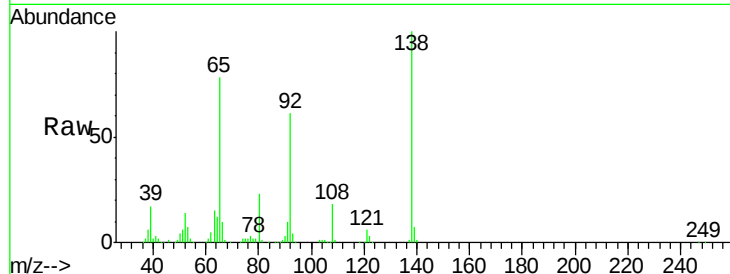
#47
2-Nitroaniline
Concen: 43.84 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	191893		
92	78.6	59.7	89.5	
138	128.7	91.4	137.0	

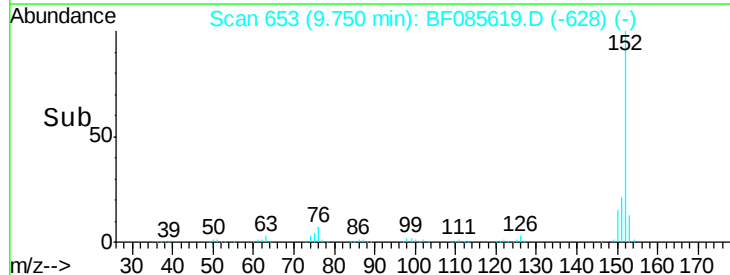
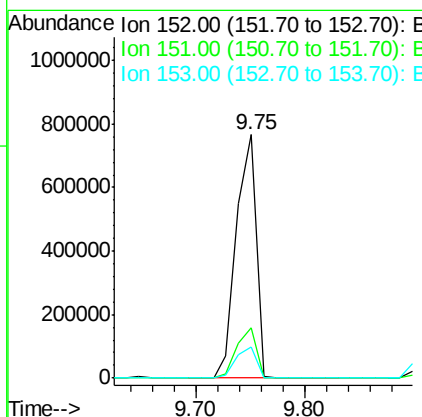
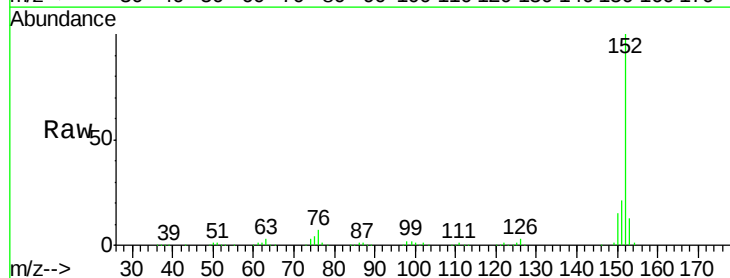
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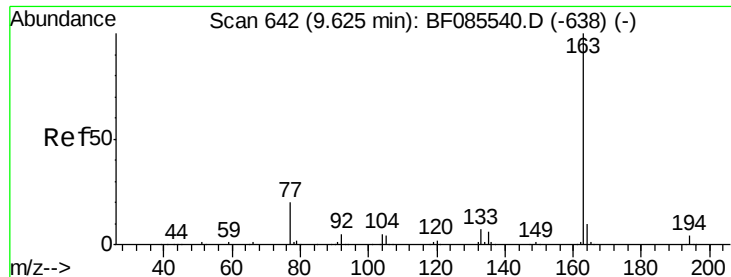
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#48
Acenaphthylene
Concen: 40.90 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	957684		
151	20.6	16.8	25.2	
153	12.8	10.9	16.3	





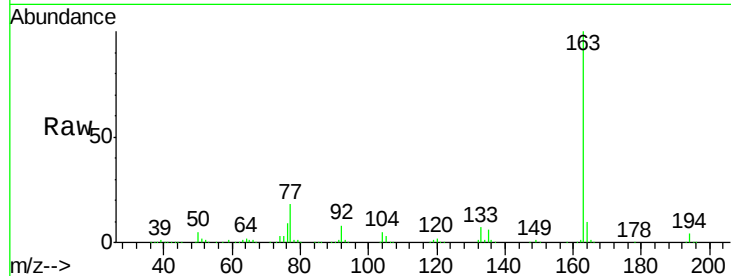
#49
Dimethylphthalate
Concen: 41.02 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

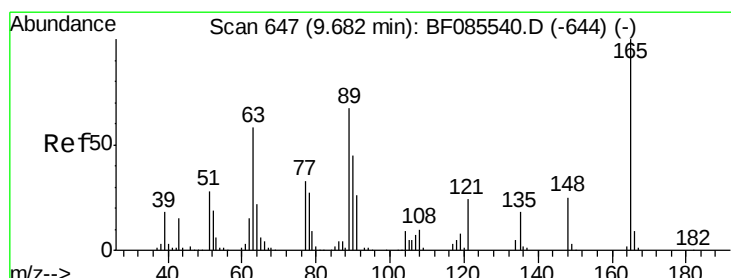
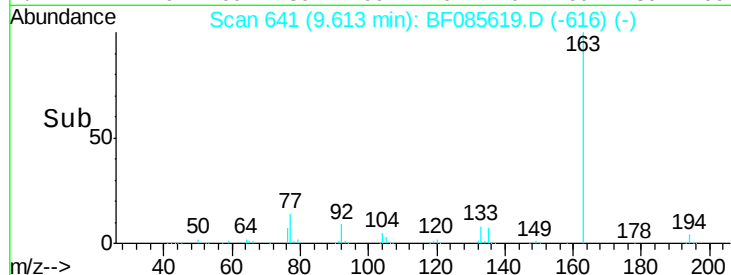
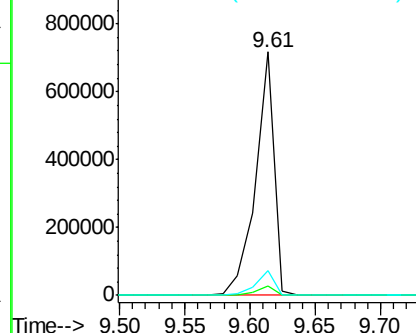
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	10.0	8.3	12.5

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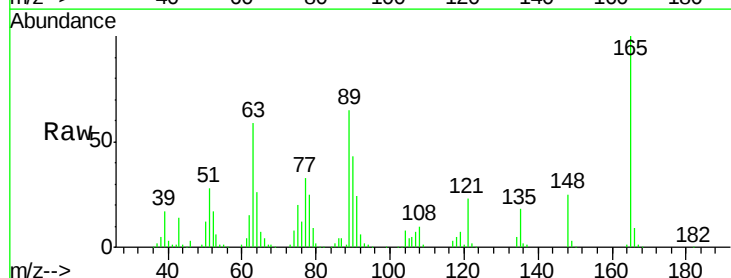


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

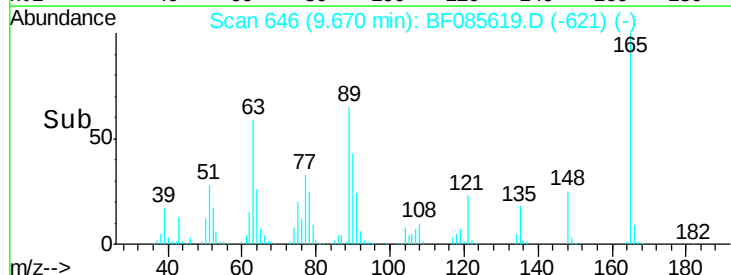
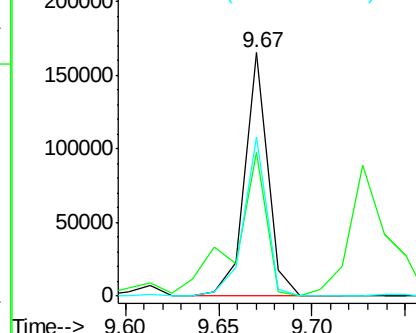


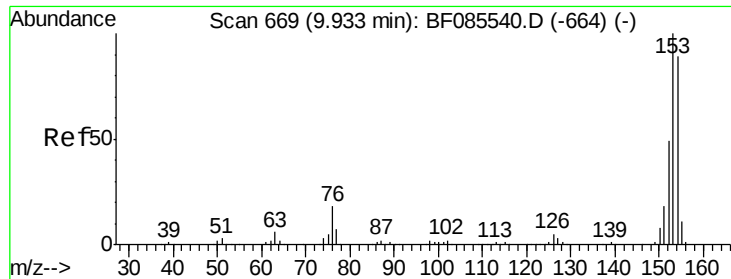
#50
2,6-Dinitrotoluene
Concen: 39.13 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.3	51.8	77.8
89	65.5	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





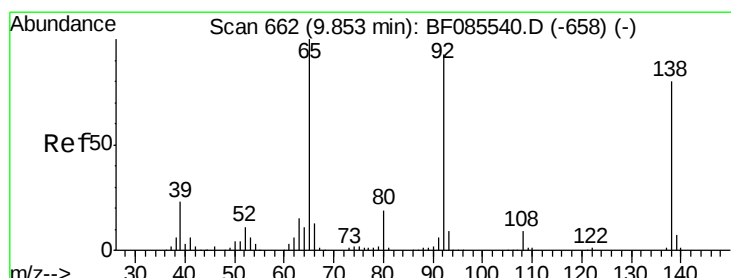
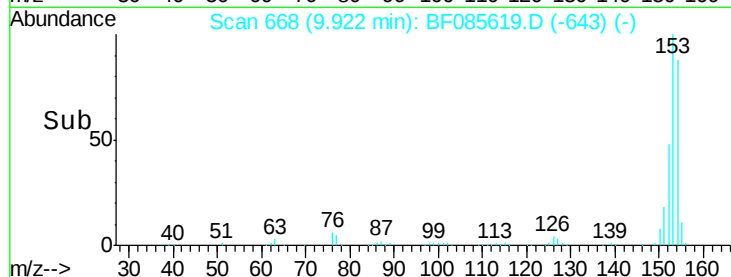
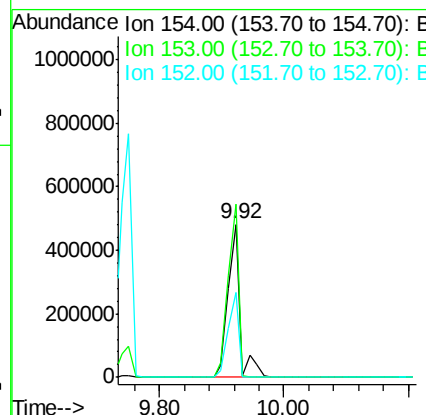
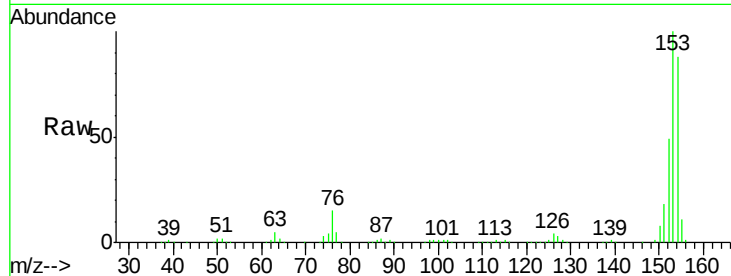
#51
Acenaphthene
Concen: 43.66 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.1	135.1
152	55.1	44.2	66.2

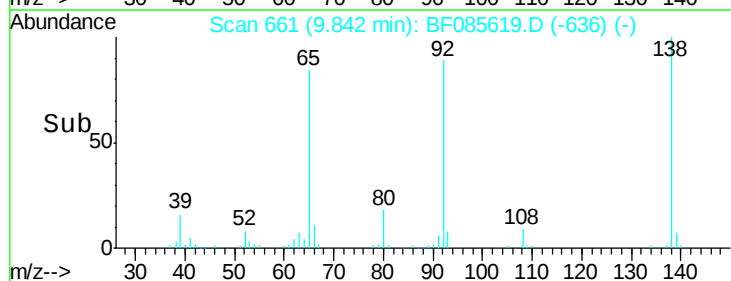
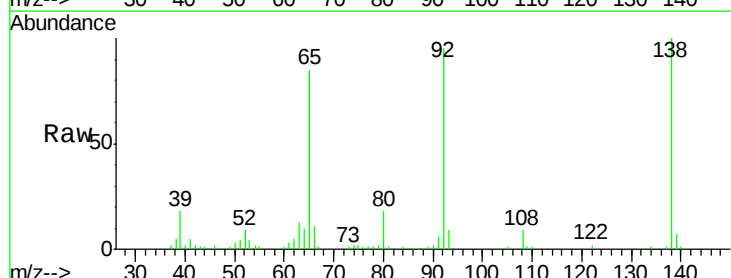
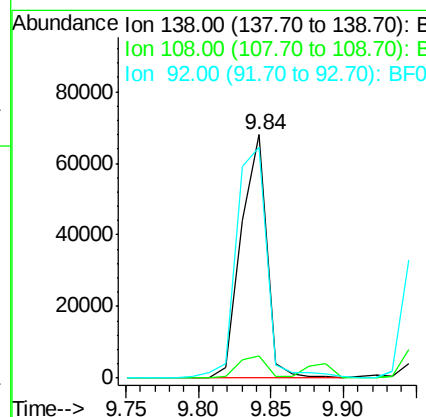
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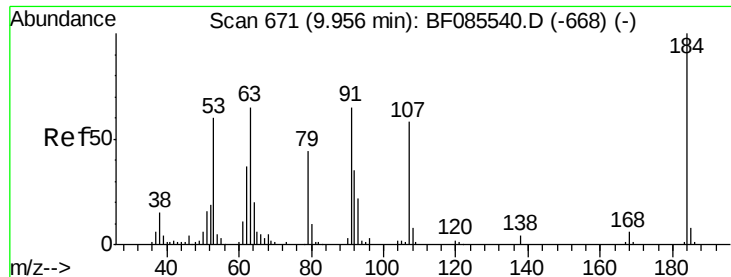
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#52
3-Nitroaniline
Concen: 18.16 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.7	13.1
92	94.6	93.3	139.9





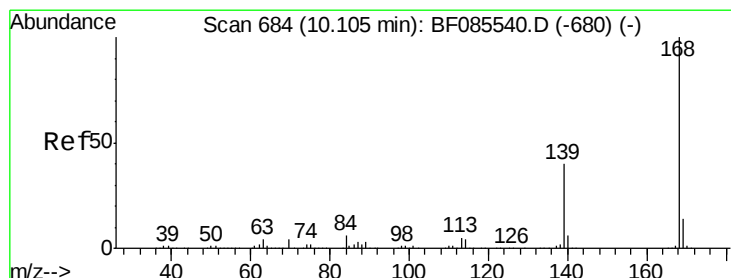
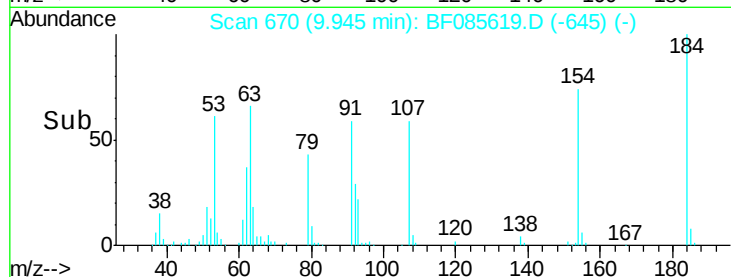
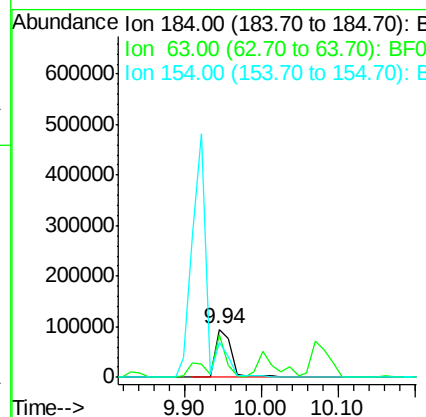
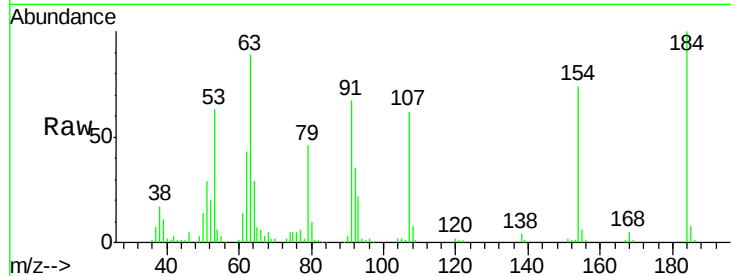
#53
2,4-Dinitrophenol
Concen: 59.46 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	133242		
63	89.2	69.5	104.3	
154	73.6	58.3	87.5	

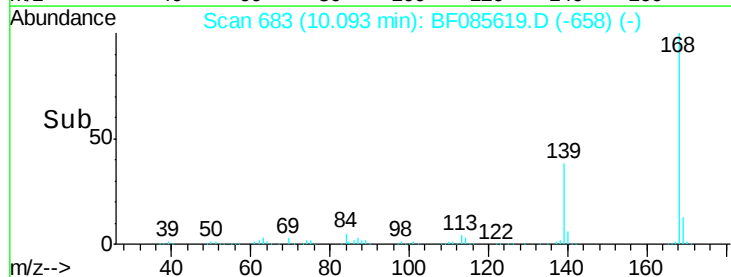
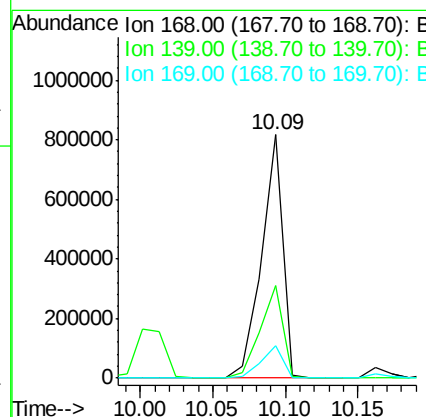
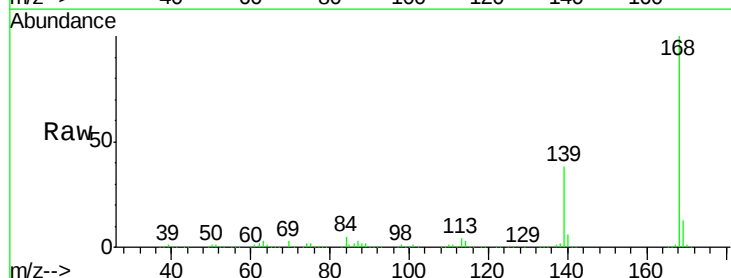
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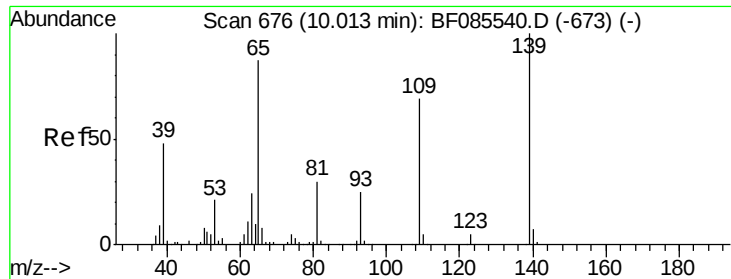
Sohil
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#54
Dibenzofuran
Concen: 46.12 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	825279		
139	38.1	31.9	47.9	
169	13.2	11.0	16.6	





#55

4-Nitrophenol

Concen: 68.44 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

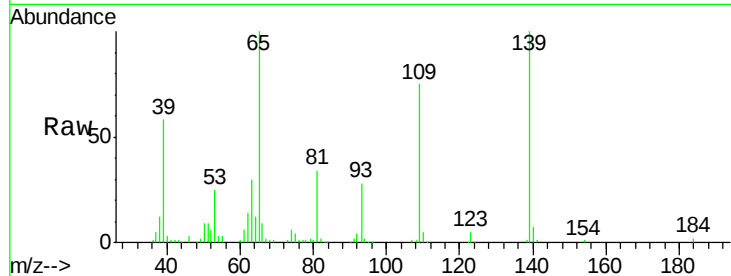
PB89054BS

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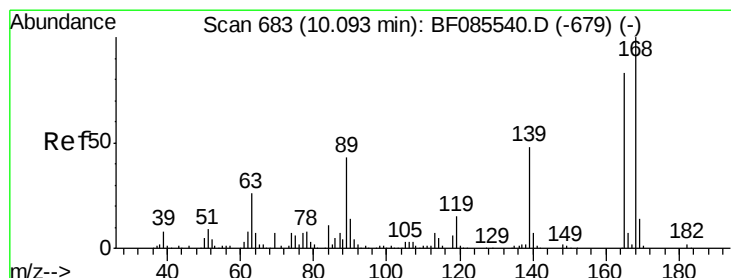
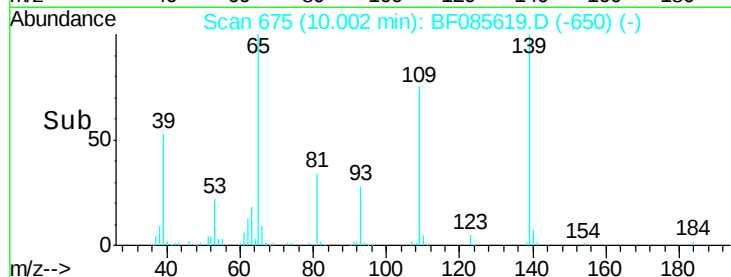
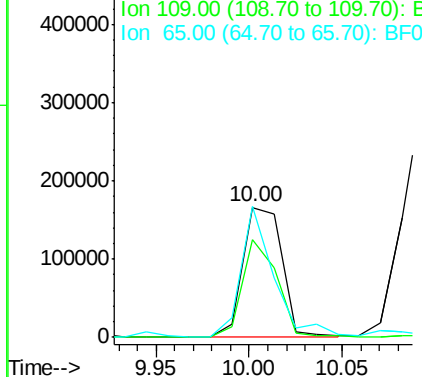
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Tgt Ion:	139	Resp:	242335
Ion Ratio	Lower	Upper	
139	100		
109	75.2	49.2	89.2
65	100.5	66.9	106.9



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: 42.24 ng

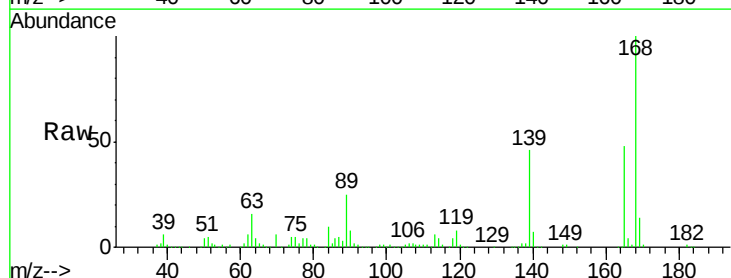
RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

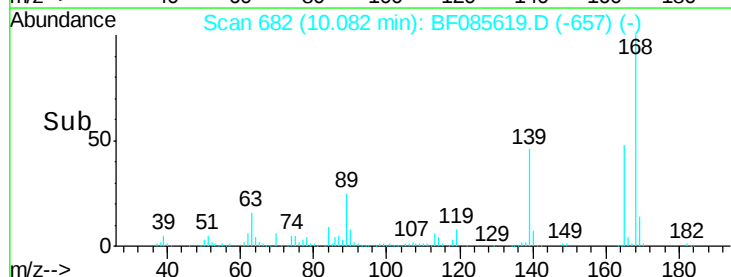
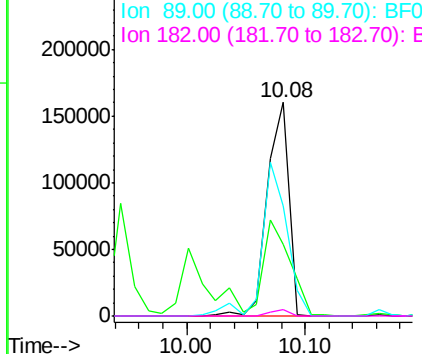
Lab File: BF085619.D

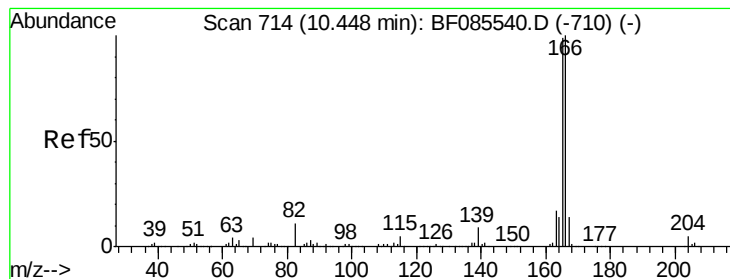
Acq: 21 Mar 2016 13:48

Tgt Ion:	165	Resp:	202328
Ion Ratio	Lower	Upper	
165	100		
63	33.8	24.9	37.3
89	51.5	41.0	61.6
182	2.8	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: 42.16 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085619.D

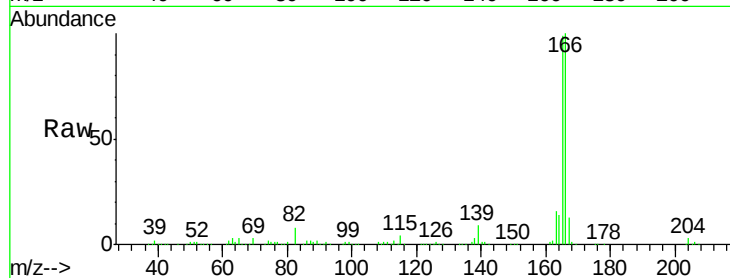
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

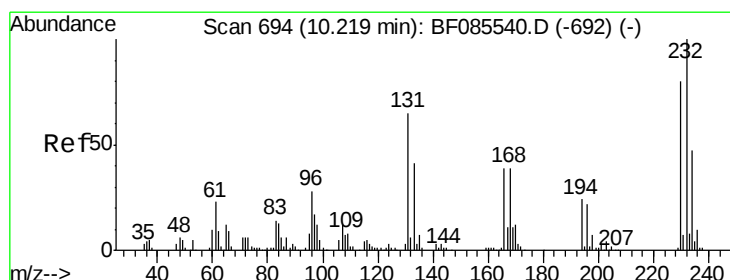
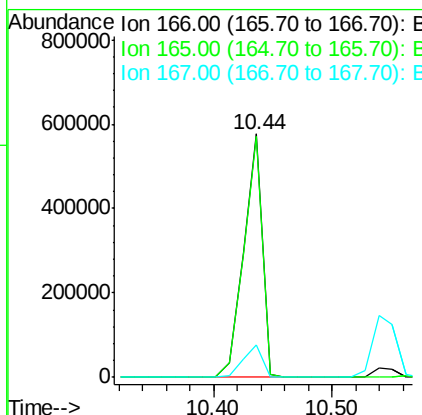
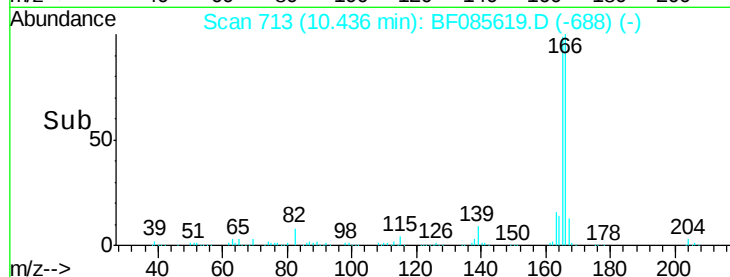
PB89054BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	628840		
165	98.9	79.4	119.0	
167	13.2	11.0	16.4	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

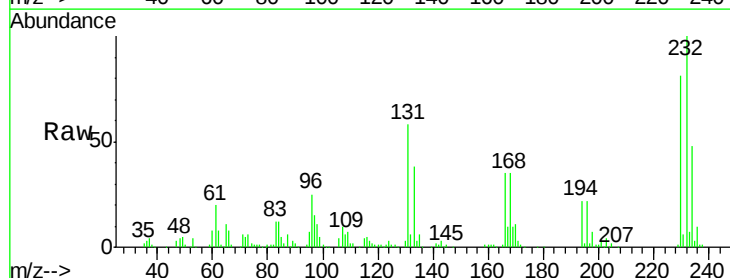
Concen: 42.70 ng

RT: 10.21 min Scan# 693

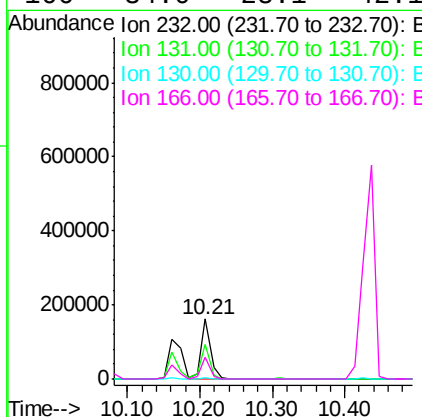
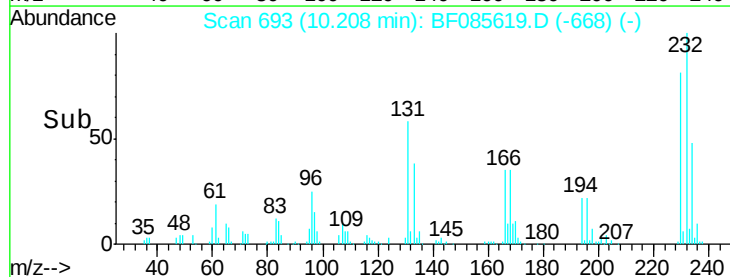
Delta R.T. -0.01 min

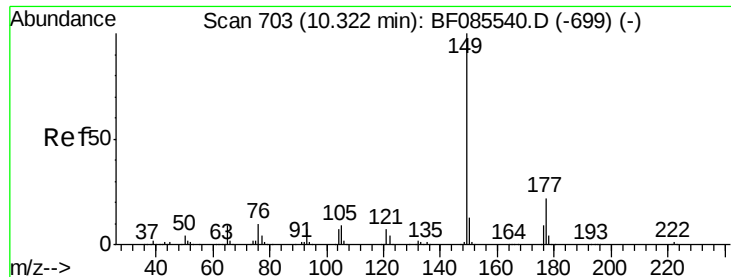
Lab File: BF085619.D

Acq: 21 Mar 2016 13:48



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	149191		
131	55.7	44.9	67.3	
130	2.8	2.3	3.5	
166	34.0	28.1	42.1	





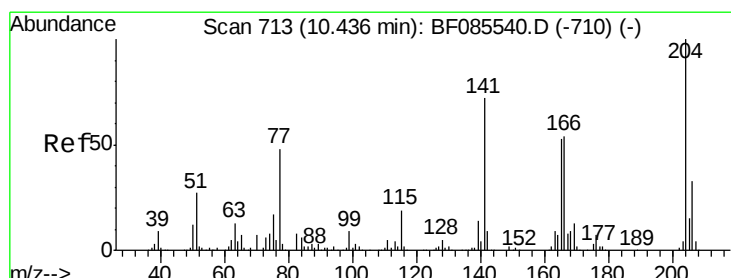
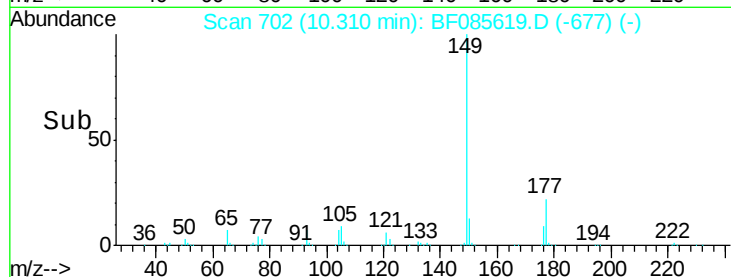
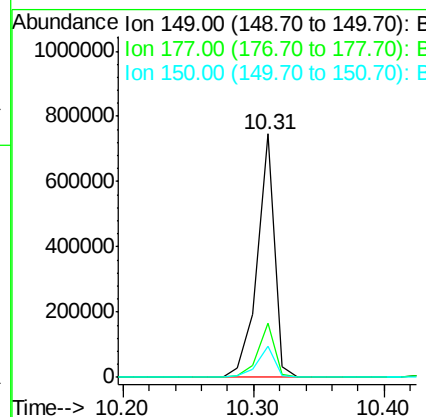
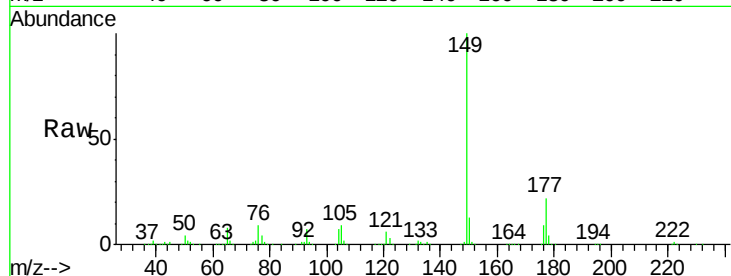
#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.4	17.9	26.9
150	12.7	10.2	15.2

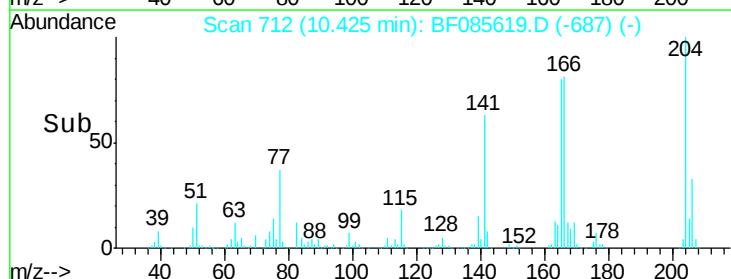
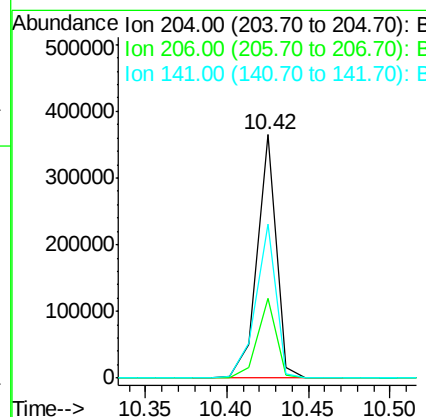
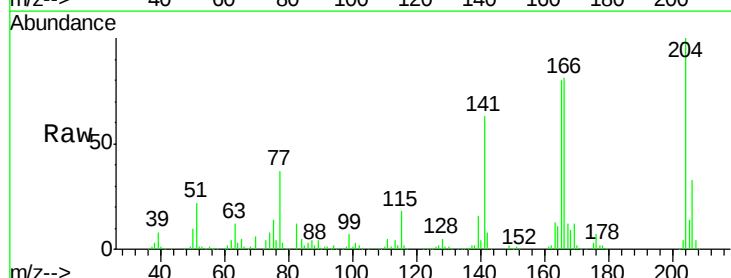
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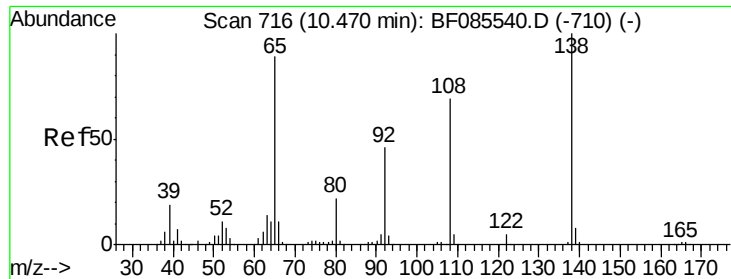
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#60
4-Chlorophenyl-phenylether
Concen: 40.91 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.5	26.6	39.8
141	63.0	57.4	86.0





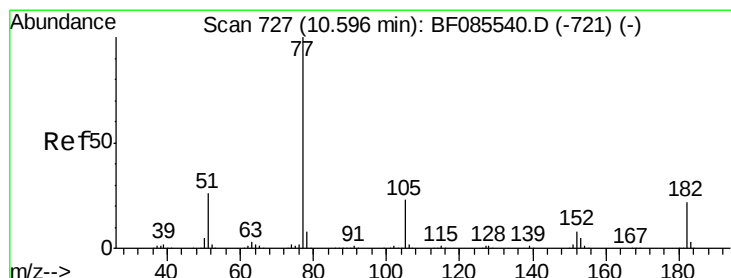
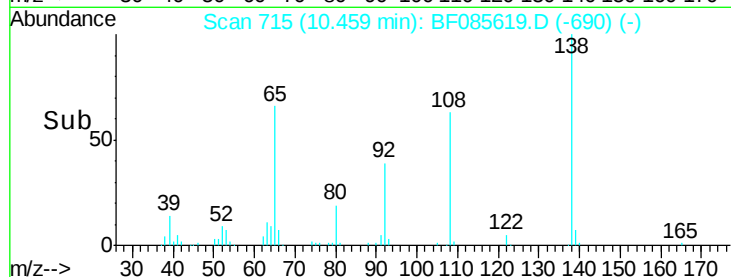
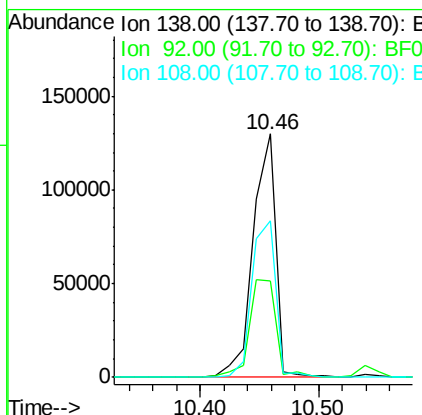
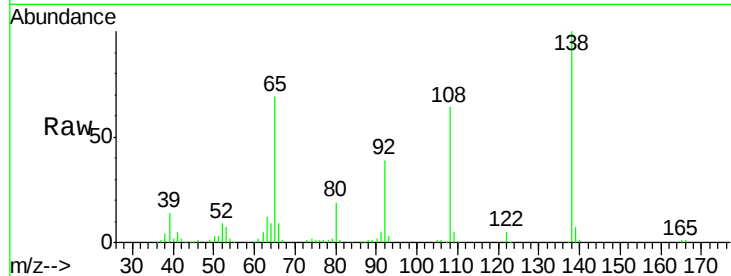
#61
 4-Nitroaniline
 Concen: 38.62 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion:	138	Resp:	174435
Ion Ratio	Lower	Upper	
138	100		
92	39.4	26.4	66.4
108	64.3	49.0	89.0

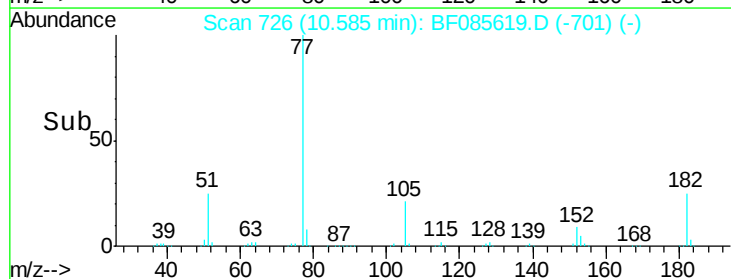
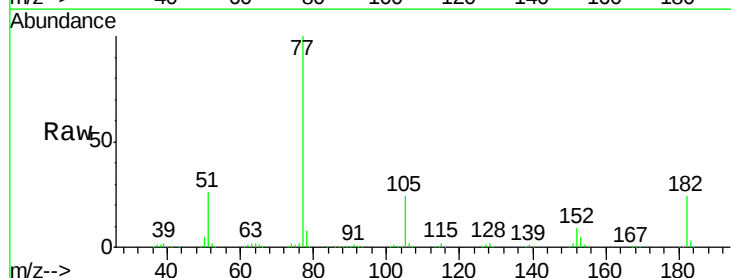
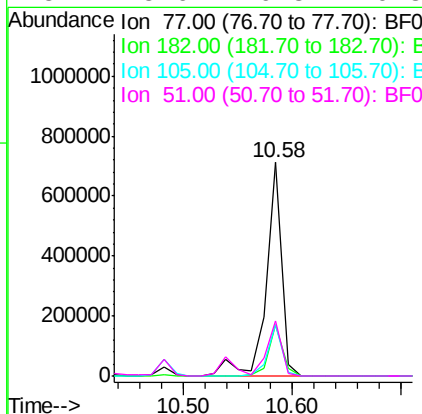
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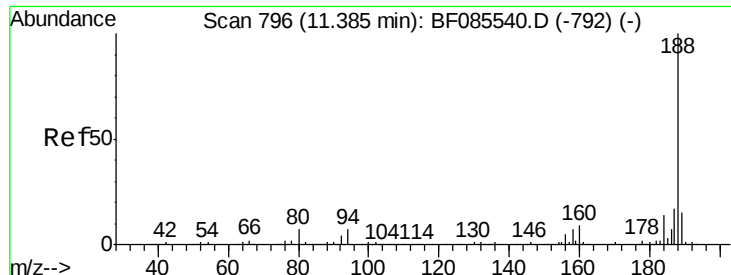
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#62
 Azobenzene
 Concen: 43.76 ng
 RT: 10.58 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion:	77	Resp:	723407
Ion Ratio	Lower	Upper	
77	100		
182	24.2	1.9	41.9
105	23.9	3.5	43.5
51	25.6	6.3	46.3





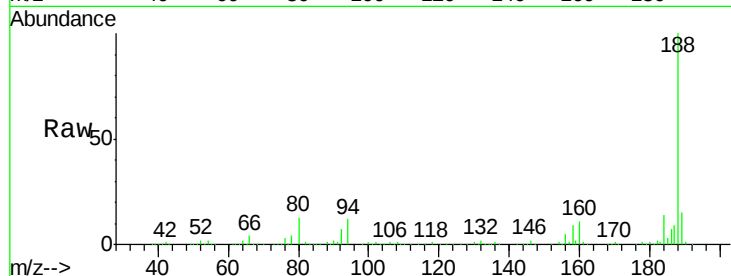
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.4	5.4	8.0#
80	13.4	5.5	8.3#

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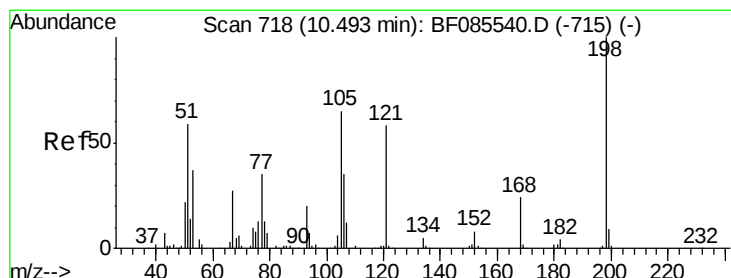
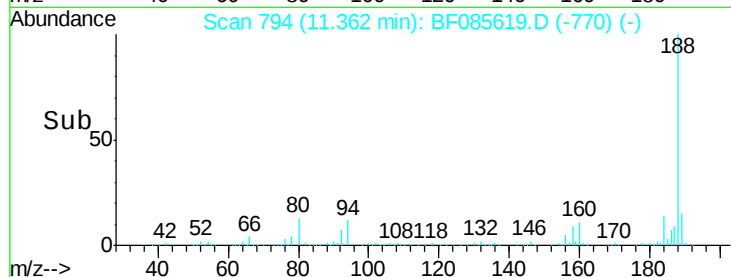
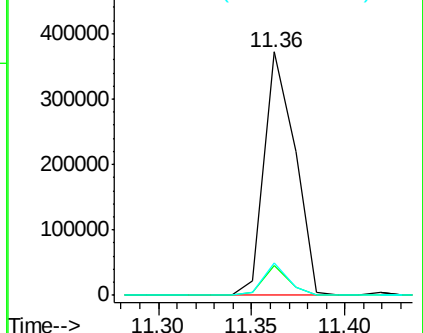
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



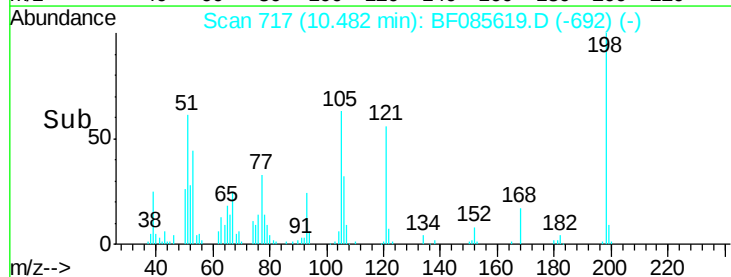
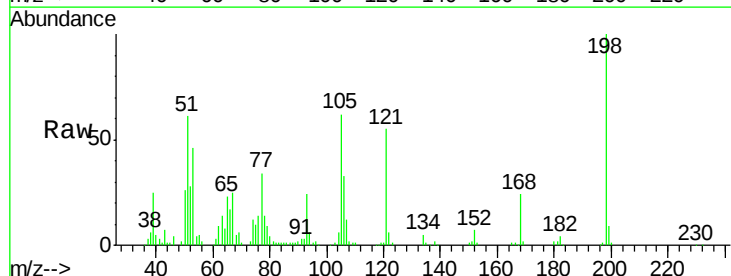
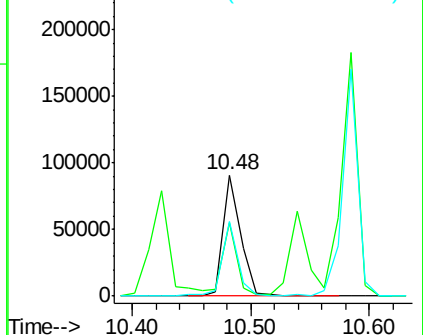
#64
4,6-Dinitro-2-methylphenol
Concen: 33.86 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

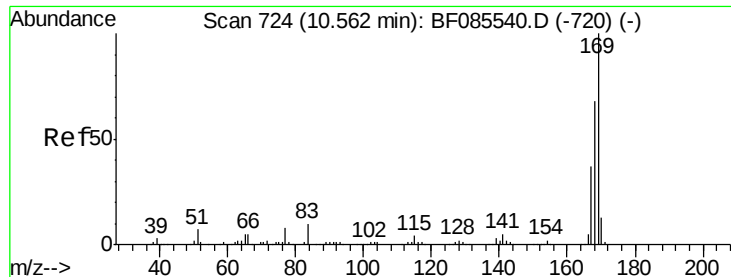
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.5	45.4	85.4
105	61.7	45.9	85.9

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

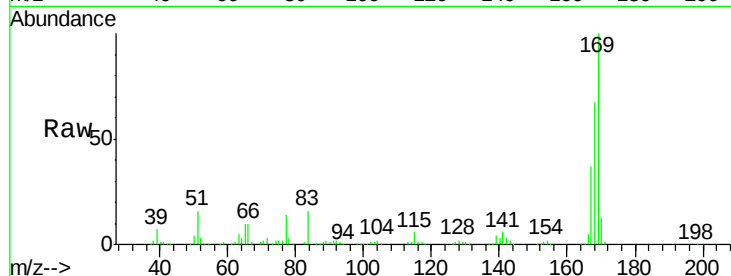
ClientSampleId :

PB89054BS

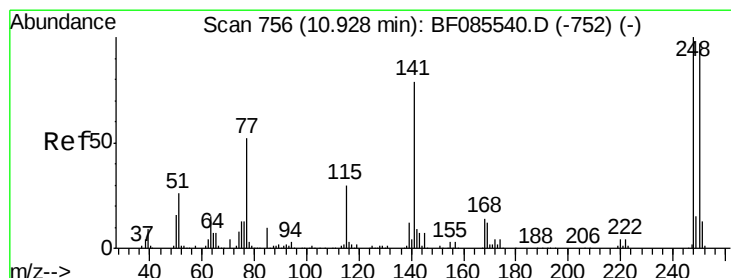
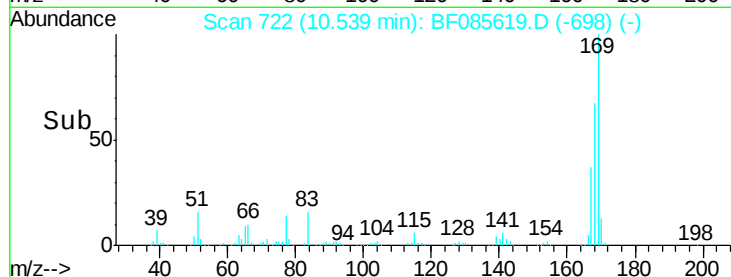
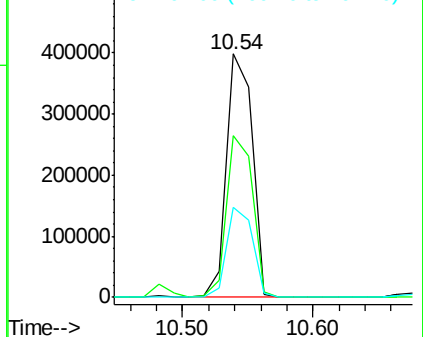
Tgt Ion:	169	Resp:	545812
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.4	81.6
167	37.0	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 42.85 ng

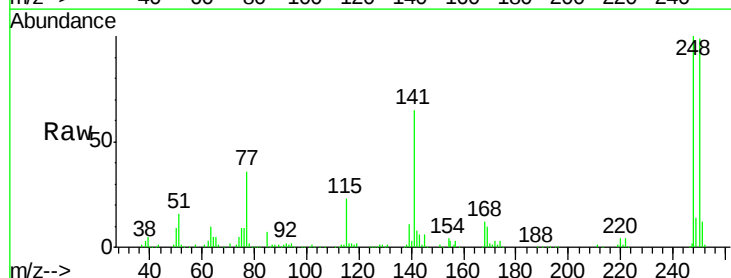
RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

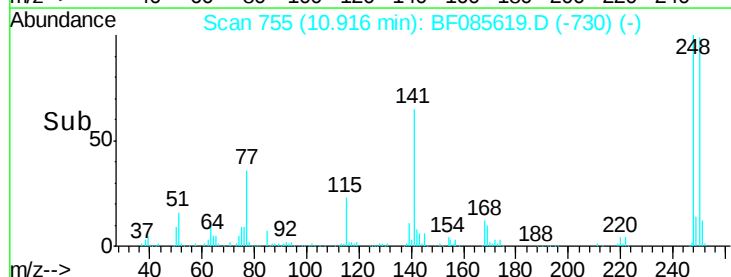
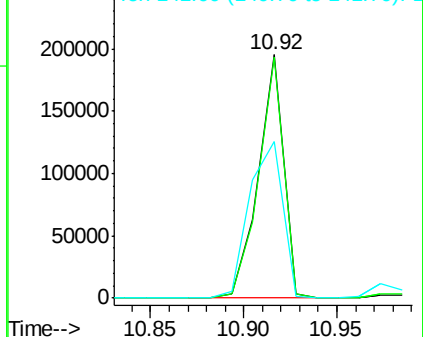
Lab File: BF085619.D

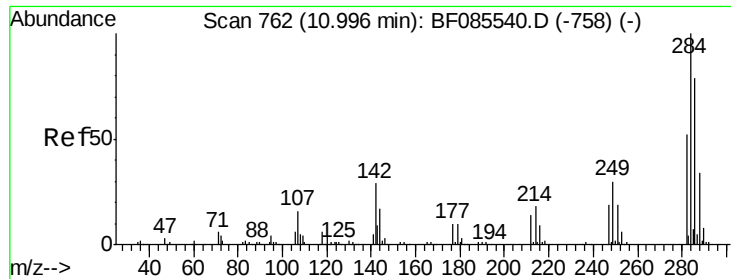
Acq: 21 Mar 2016 13:48

Tgt Ion:	248	Resp:	181894
Ion Ratio	Lower	Upper	
248	100		
250	99.1	77.4	116.0
141	64.5	63.6	95.4



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





#67

Hexachlorobenzene

Concen: 42.38 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF085619.D

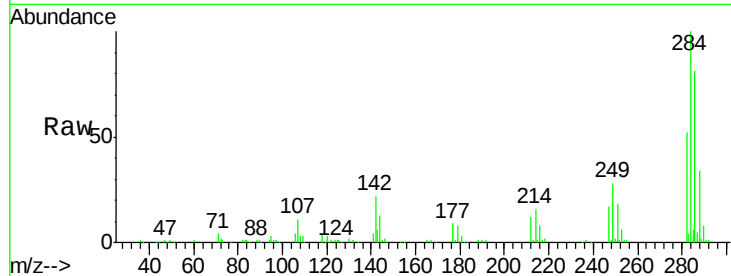
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

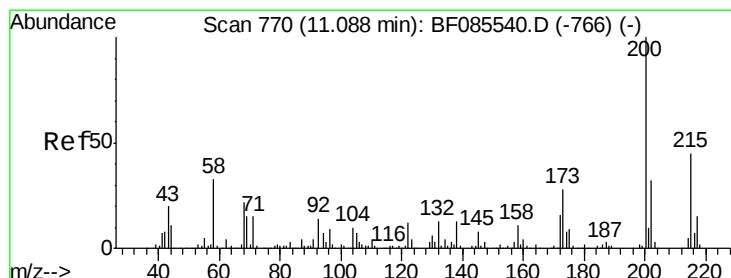
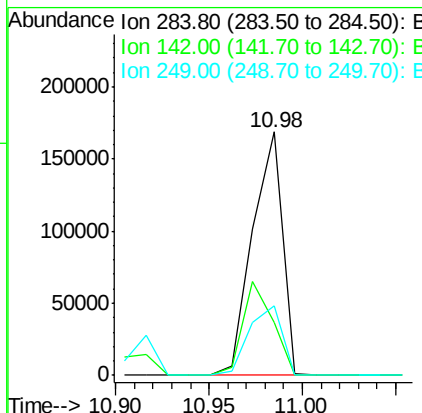
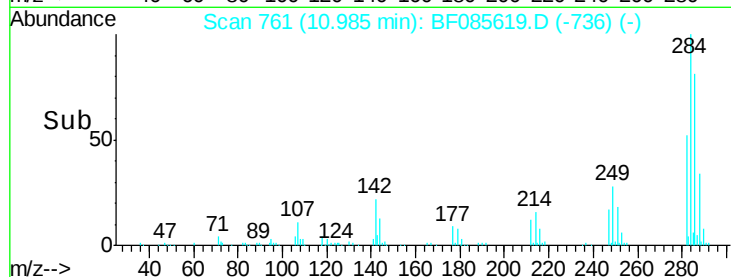
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Tgt Ion:	284	Resp:	191136
Ion Ratio	Lower	Upper	
284	100		
142	21.5	23.1	34.7#
249	28.3	24.2	36.2

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#68

Atrazine

Concen: 48.62 ng

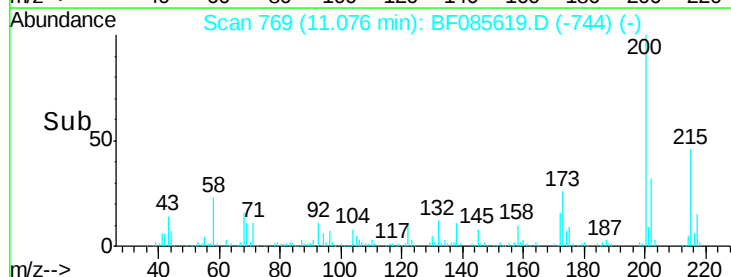
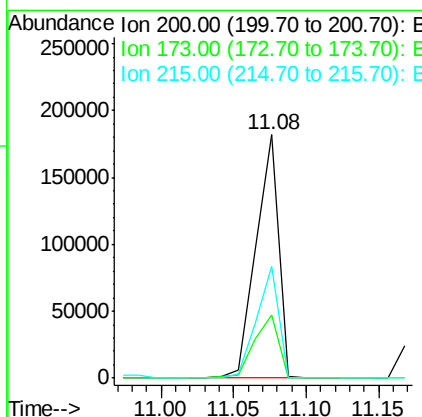
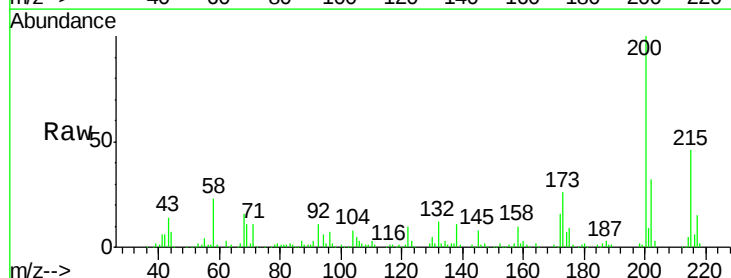
RT: 11.08 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	200	Resp:	195964
Ion Ratio	Lower	Upper	
200	100		
173	25.8	7.7	47.7
215	46.1	25.4	65.4





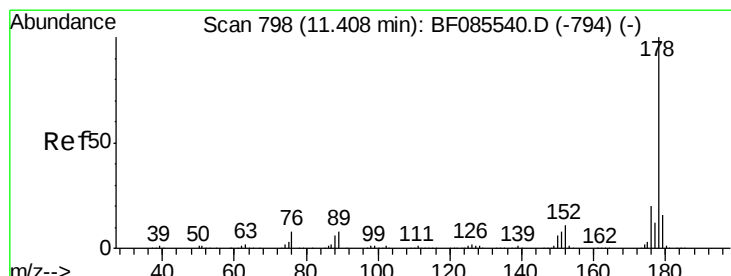
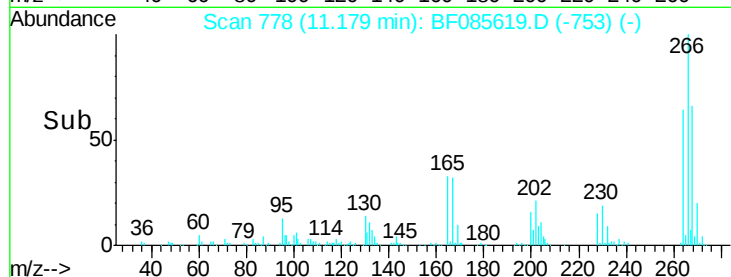
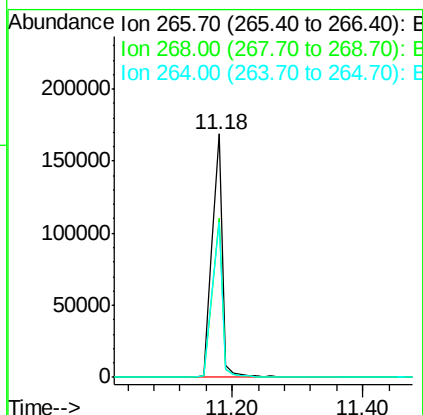
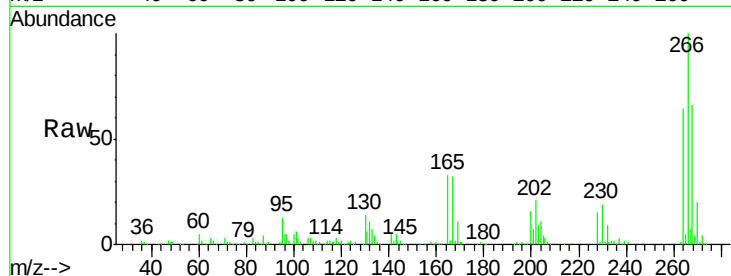
#69
 Pentachlorophenol
 Concen: 70.04 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	191780		
268	65.6	51.5	77.3	
264	63.8	50.6	76.0	

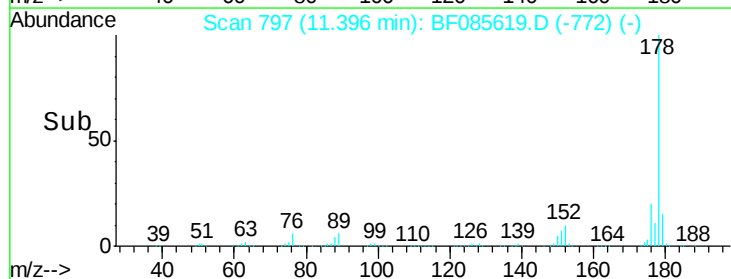
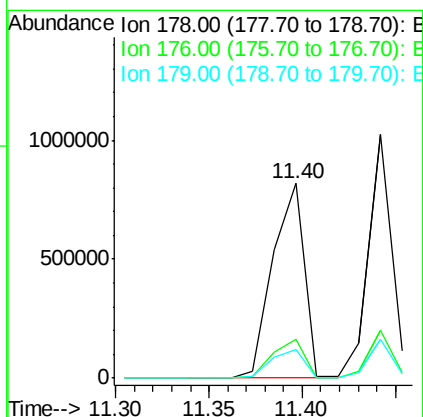
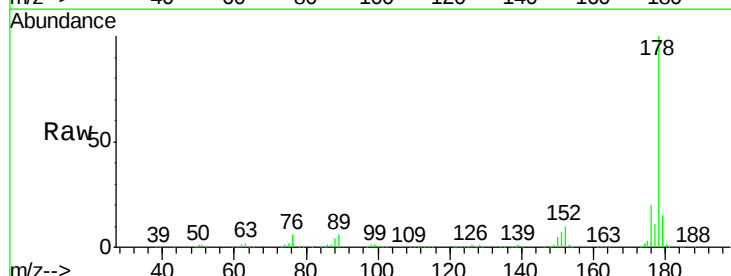
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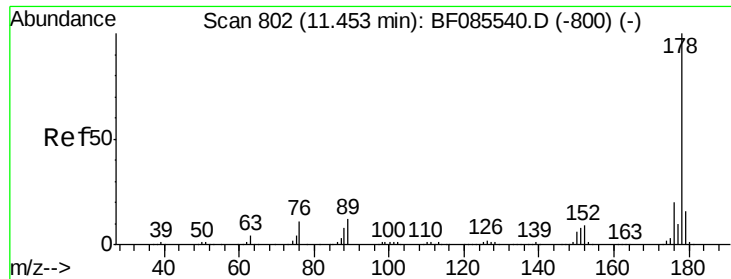
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#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	961895		
176	19.8	16.3	24.5	
179	15.0	12.6	18.8	





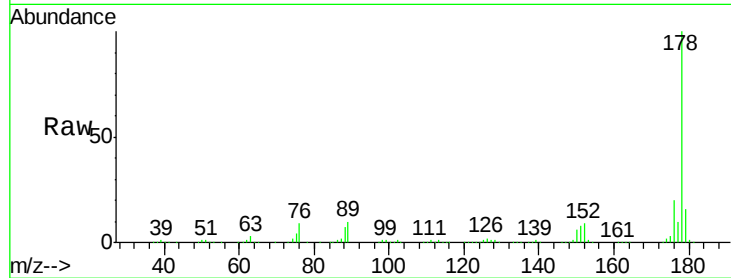
#71
 Anthracene
 Concen: 37.80 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

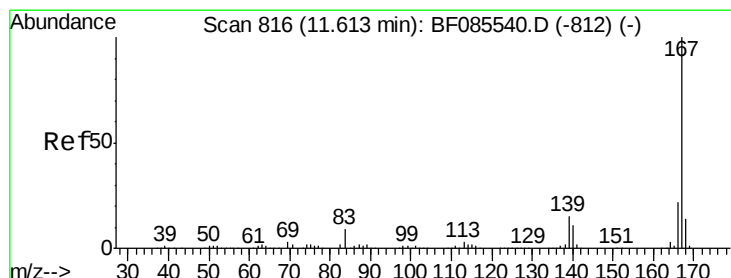
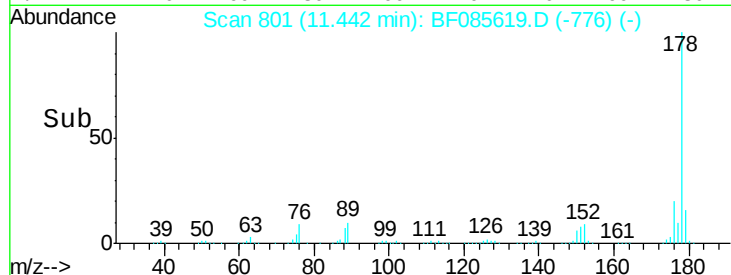
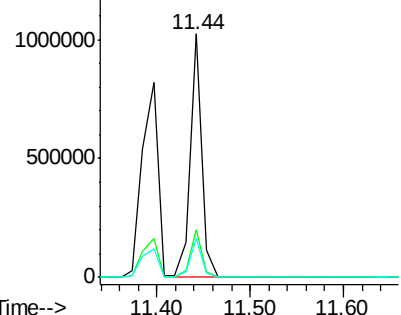
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	888034		
176	19.6	15.9	23.9	
179	16.0	13.0	19.4	

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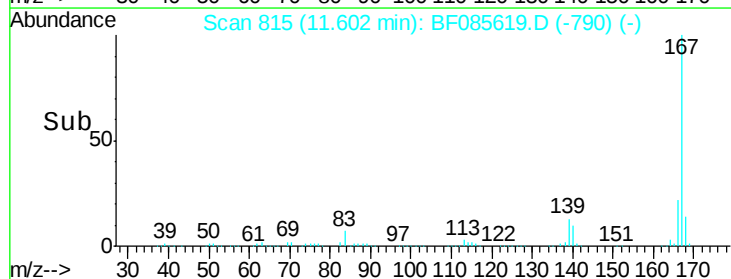
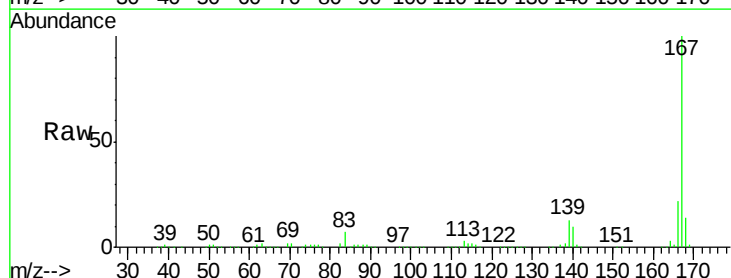
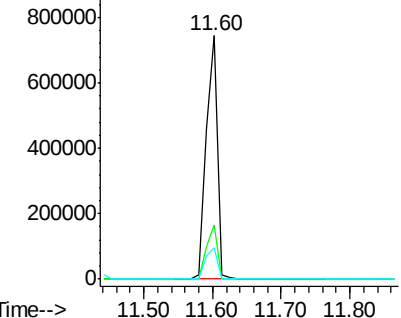
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

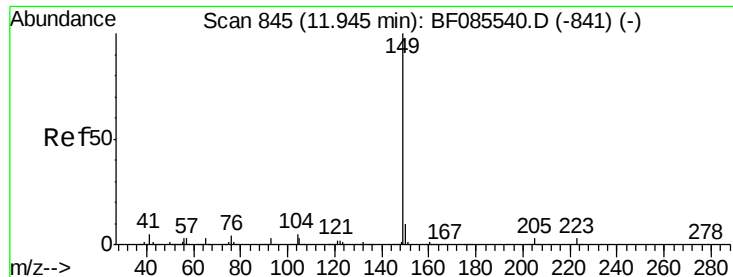


#72
 Carbazole
 Concen: 42.26 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	856595		
166	22.0	17.8	26.8	
139	12.9	11.6	17.4	

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





#73

Di-n-butylphthalate

Concen: 41.79 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

PB89054BS

Tgt Ion:149 Resp: 1060609

Ion Ratio Lower Upper

149 100

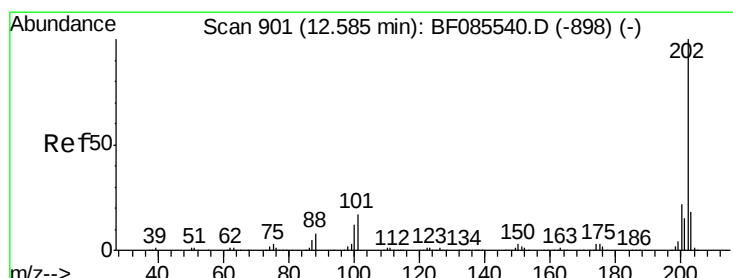
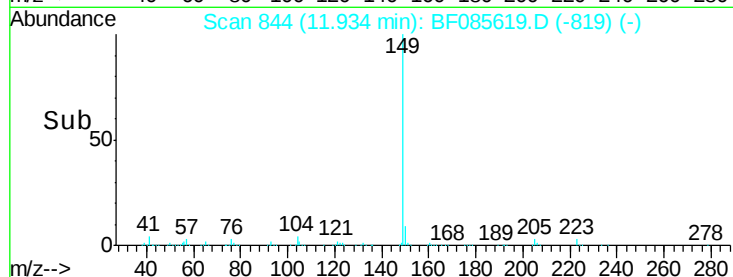
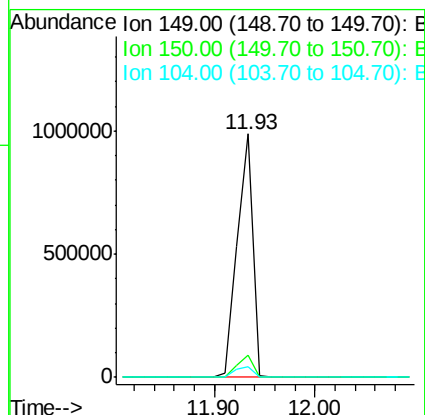
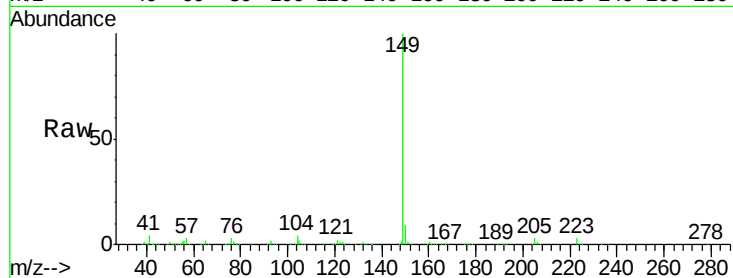
150 9.1 7.6 11.4

104 4.2 3.8 5.8

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#74

Fluoranthene

Concen: 35.94 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

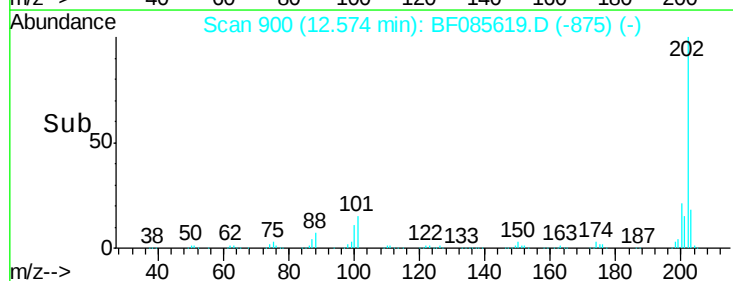
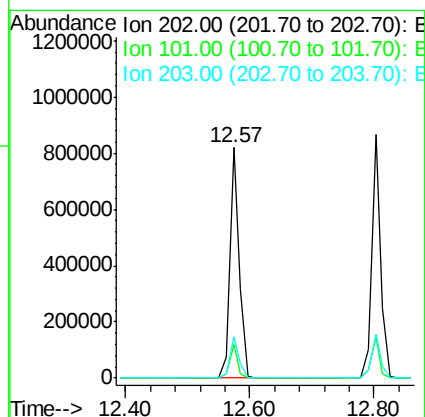
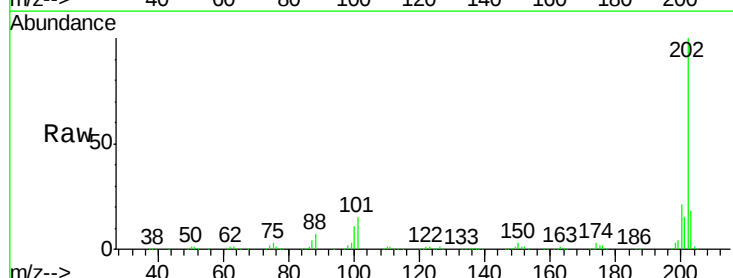
Tgt Ion:202 Resp: 843132

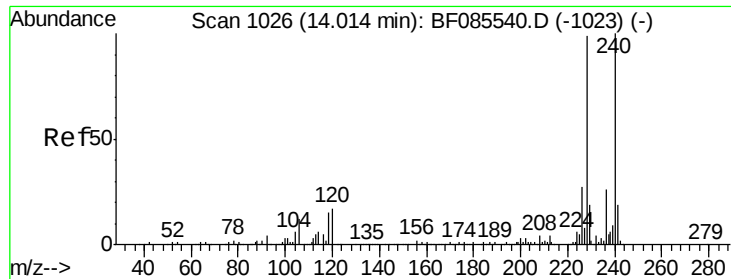
Ion Ratio Lower Upper

202 100

101 14.8 0.0 36.6

203 17.8 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: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

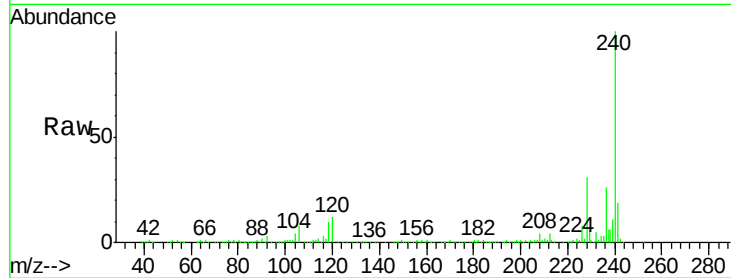
ClientSampleId :

PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	315615		
120	11.7	13.8	20.8#	
236	25.7	20.6	30.8	

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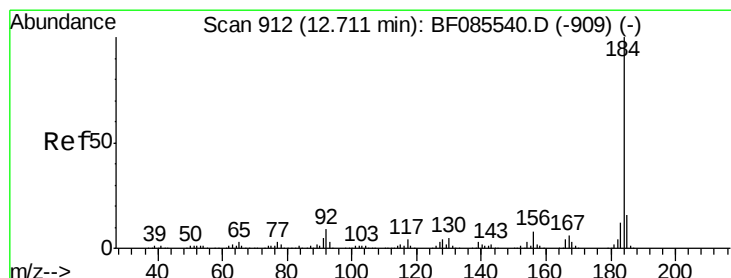
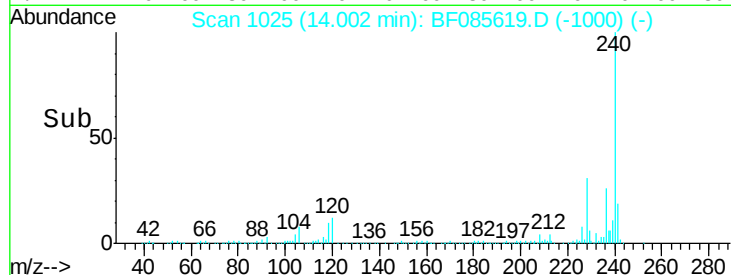
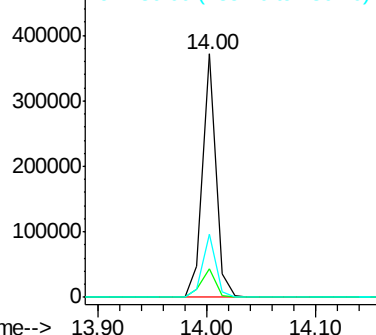
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.33 ng

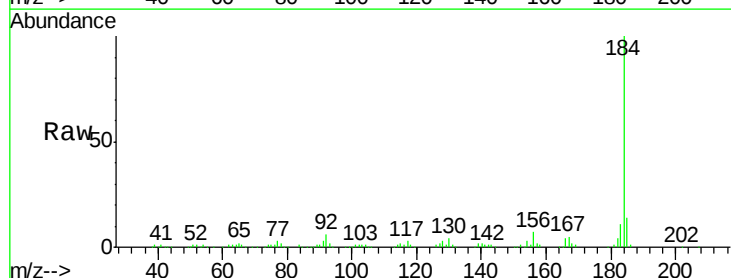
RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

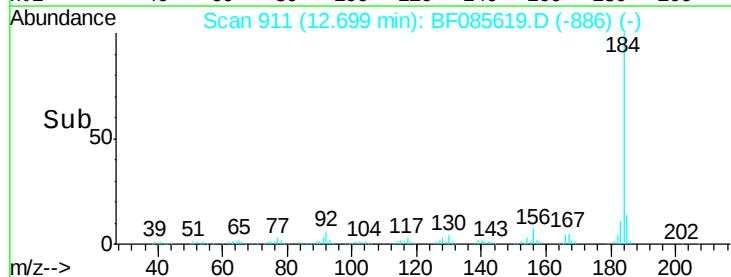
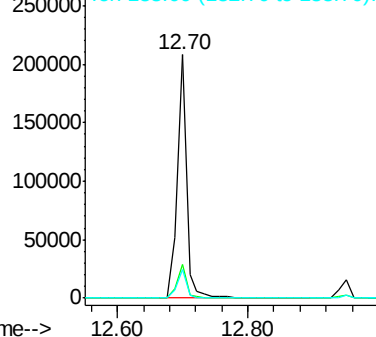
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	205163		
185	14.0	12.4	18.6	
183	11.5	9.4	14.2	

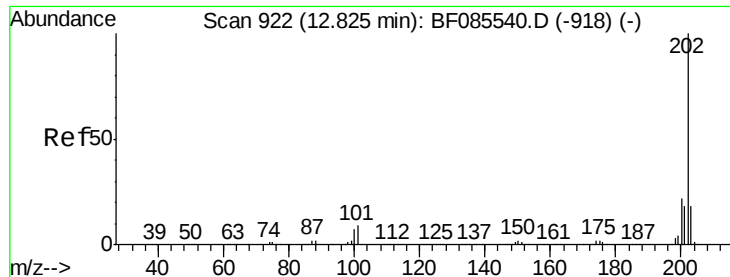


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





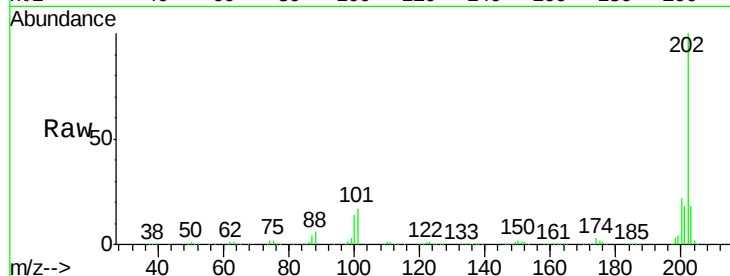
#77
Pyrene
 Concen: 37.32 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

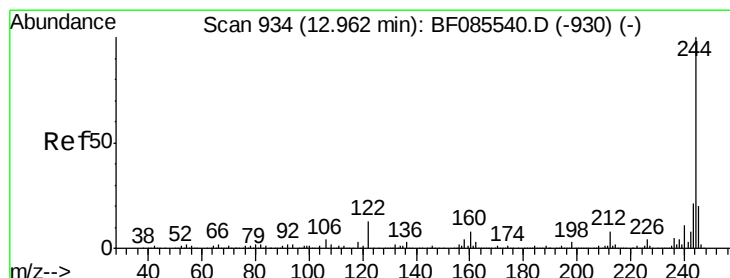
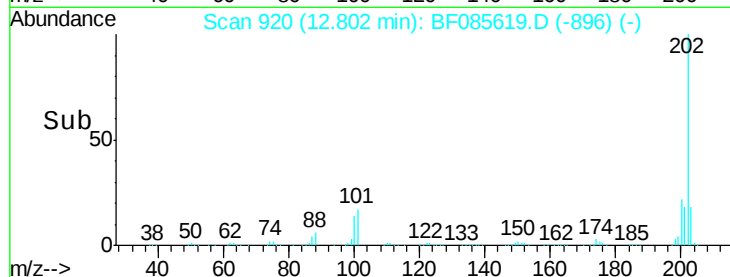
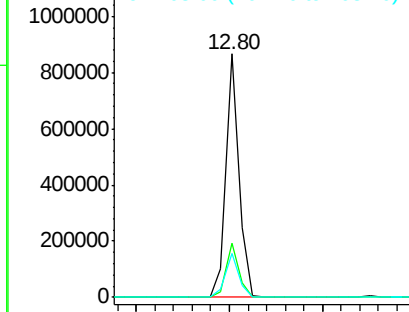
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.1	14.0	21.0

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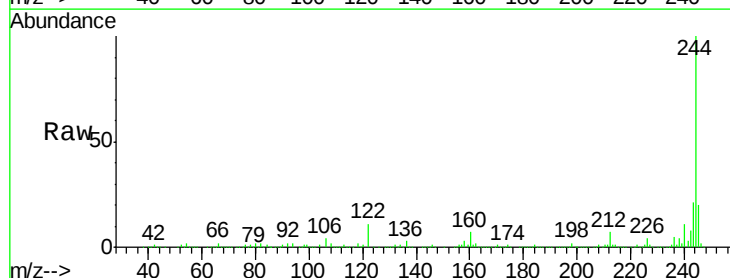


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

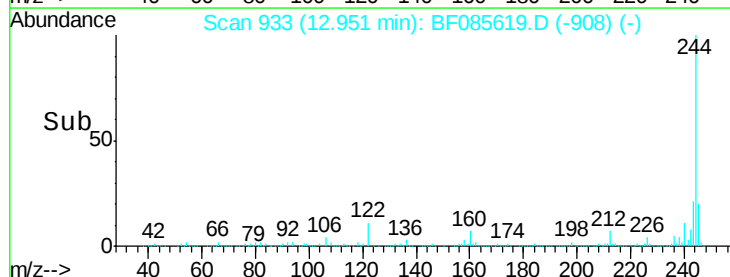
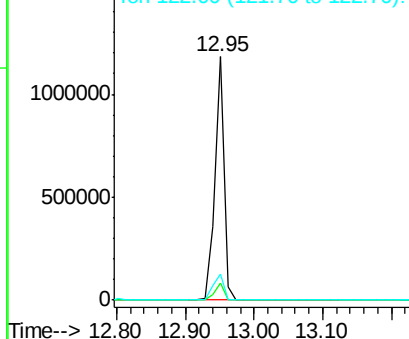


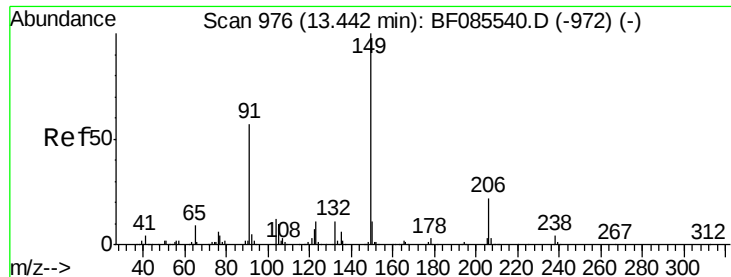
#78
Terphenyl-d14
 Concen: 84.94 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.9	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





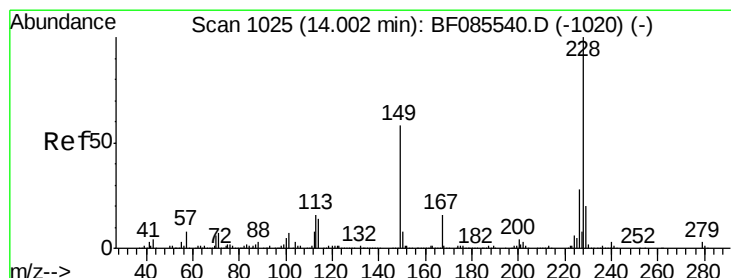
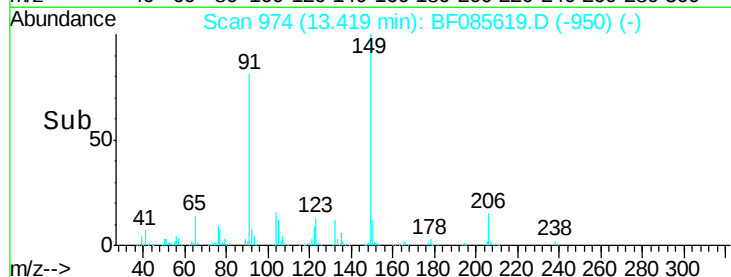
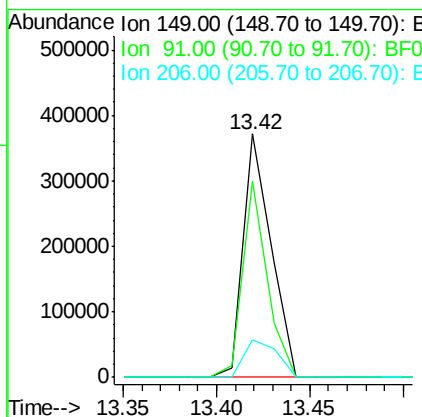
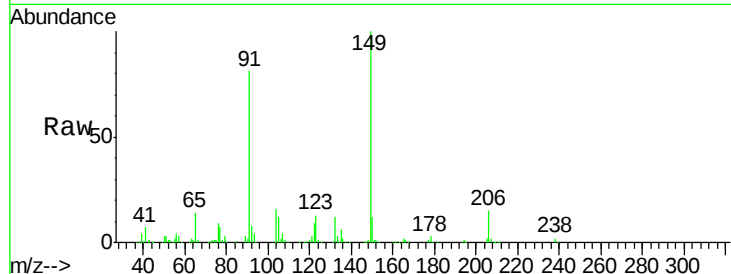
#79
Butylbenzylphthalate
Concen: 35.81 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	80.6	45.8	68.8#
206	15.5	17.8	26.8#

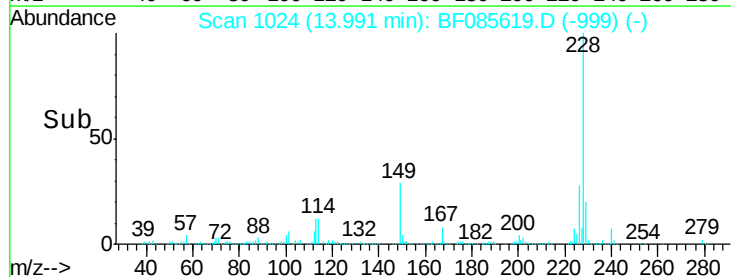
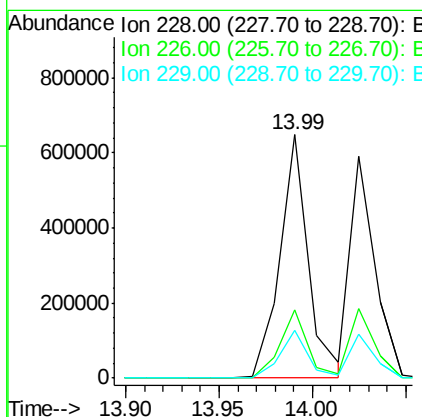
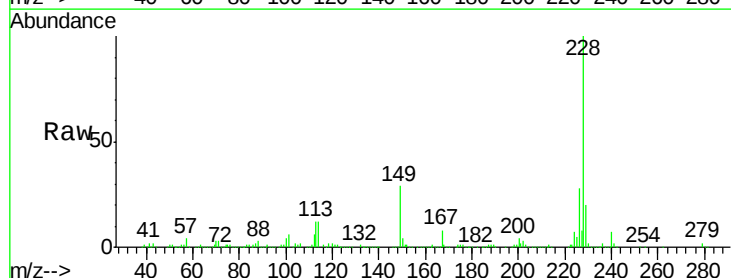
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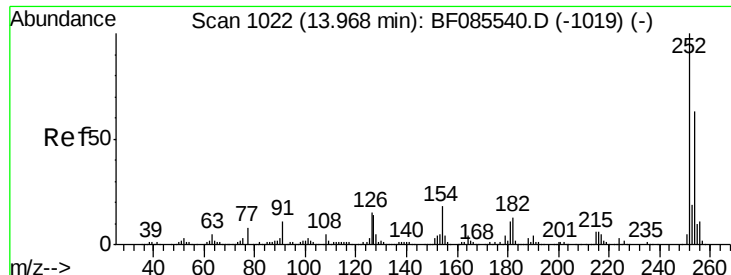
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#80
Benzo(a)anthracene
Concen: 37.76 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.1	33.1
229	19.9	16.2	24.4





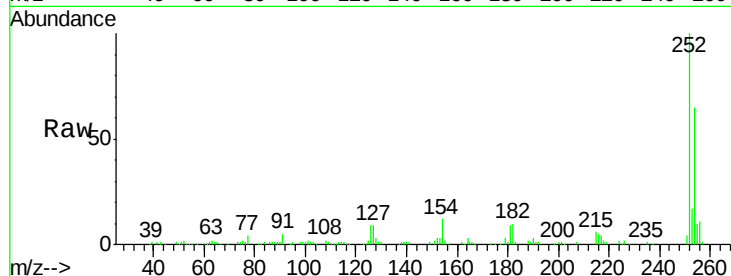
#81
 3,3'-Dichlorobenzidine
 Concen: 12.82 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BS

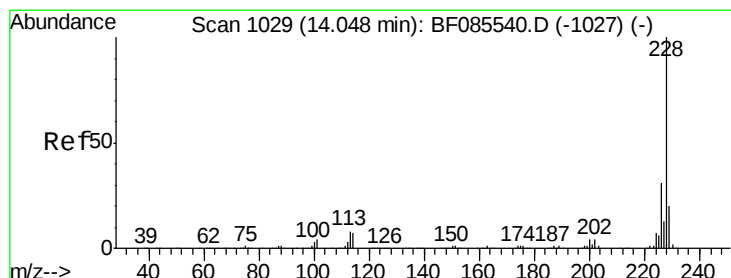
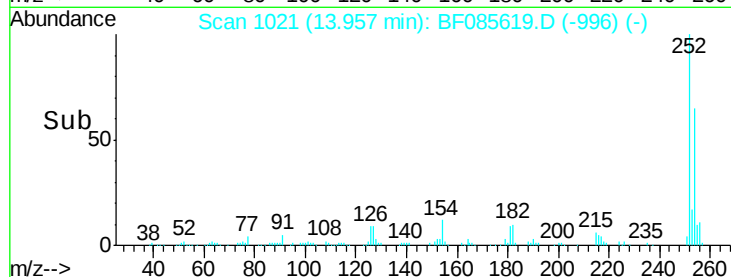
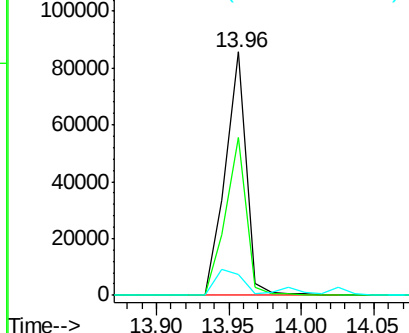
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.8	50.7	76.1
126	8.5	11.8	17.6

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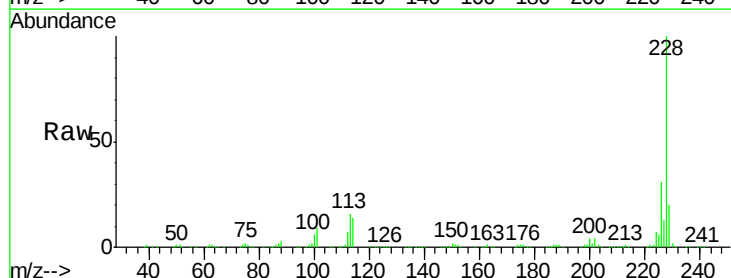


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

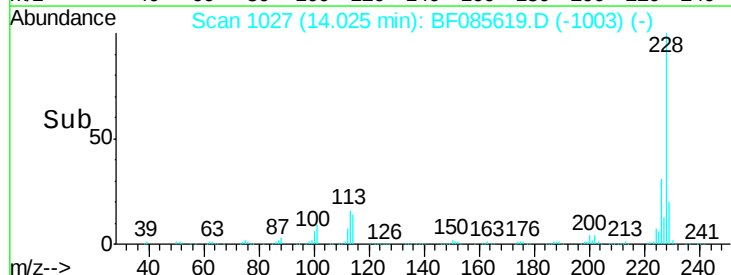
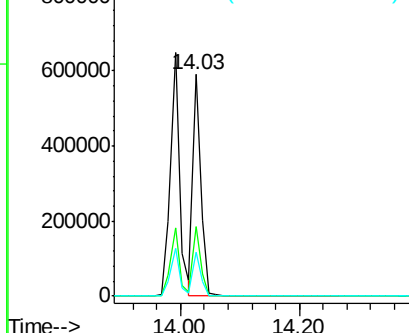


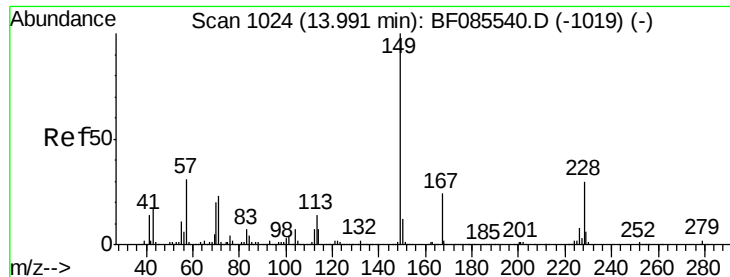
#82
 Chrysene
 Concen: 31.81 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085619.D
 Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	25.0	37.6
229	20.1	15.7	23.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.28 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085619.D

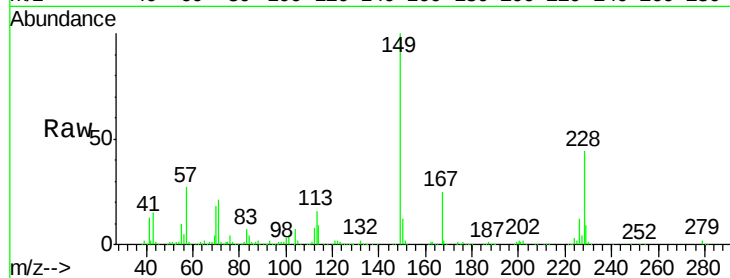
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

PB89054BS



Tgt Ion:149 Resp: 460021

Ion Ratio Lower Upper

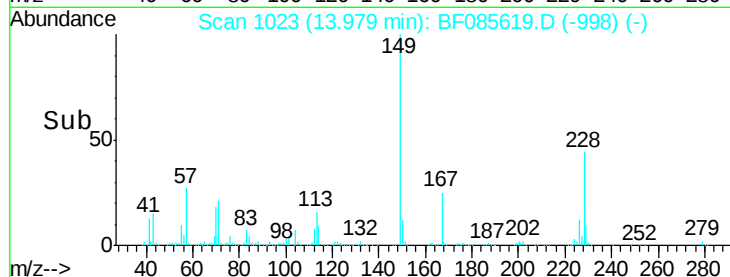
149 100

167 25.0 19.4 29.2

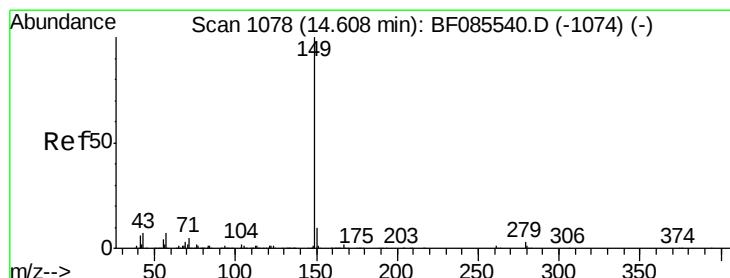
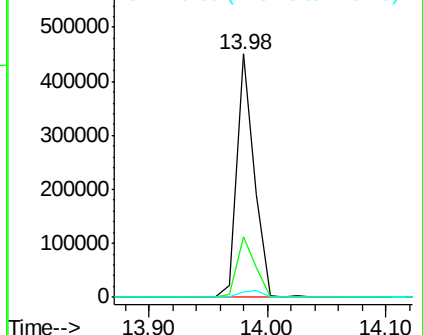
279 2.3 1.5 2.3#

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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: 34.59 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

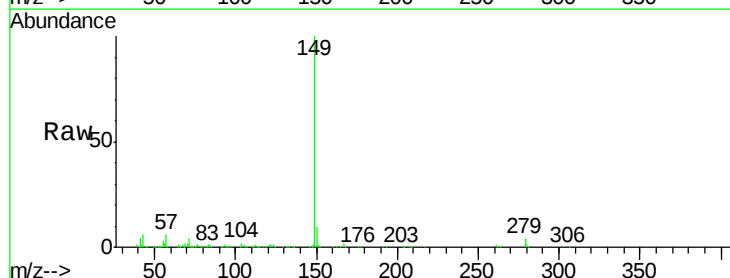
Tgt Ion:149 Resp: 756413

Ion Ratio Lower Upper

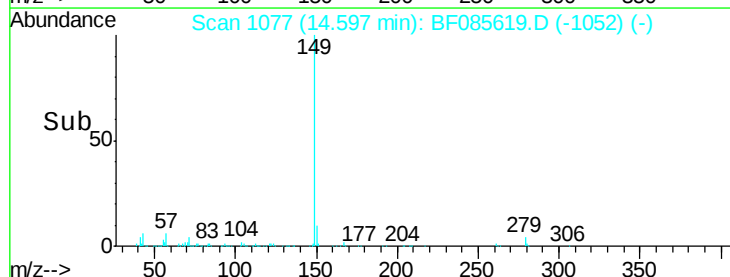
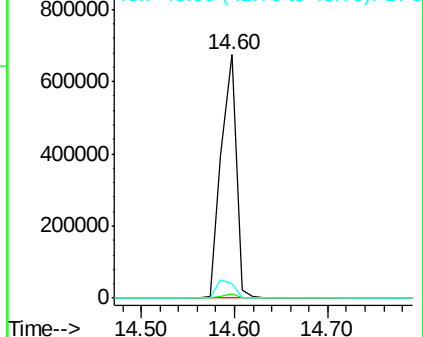
149 100

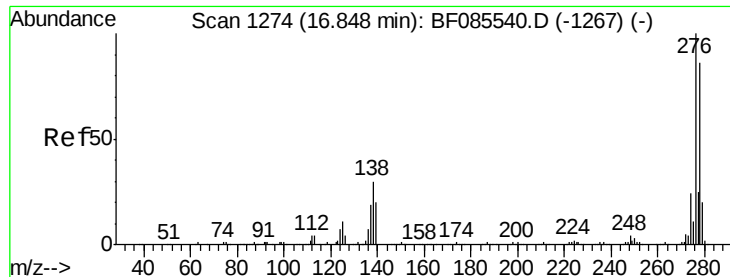
167 1.5 1.2 1.8

43 8.2 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





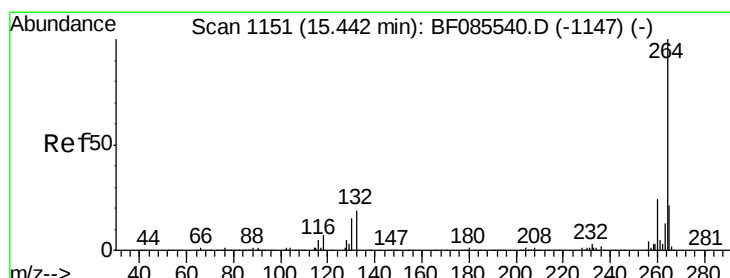
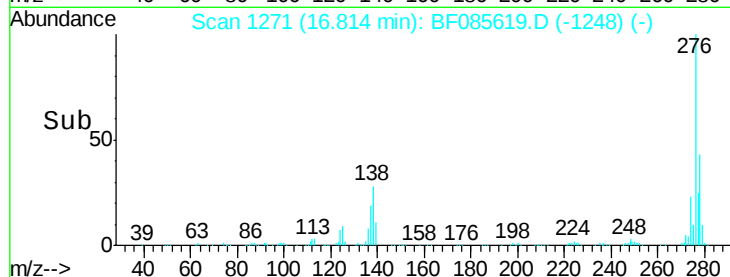
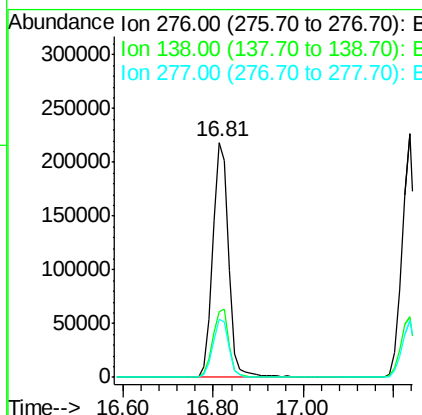
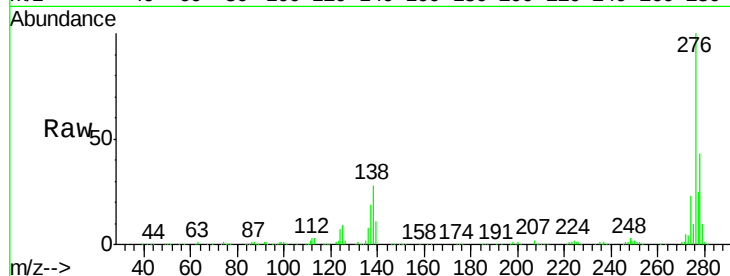
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.54 ng
RT: 16.81 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	538224		
138	29.4	24.2	36.4	
277	24.8	20.0	30.0	

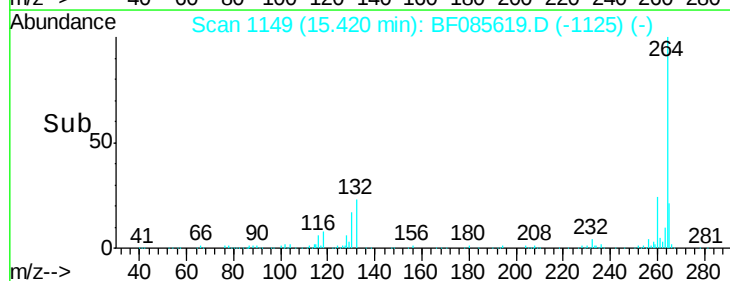
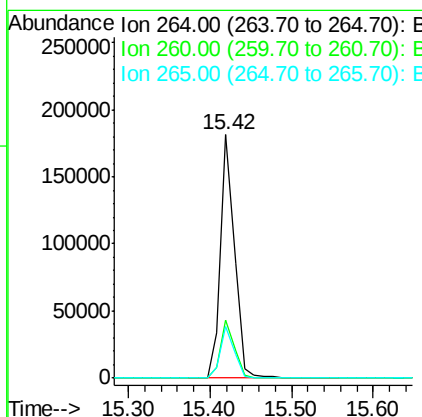
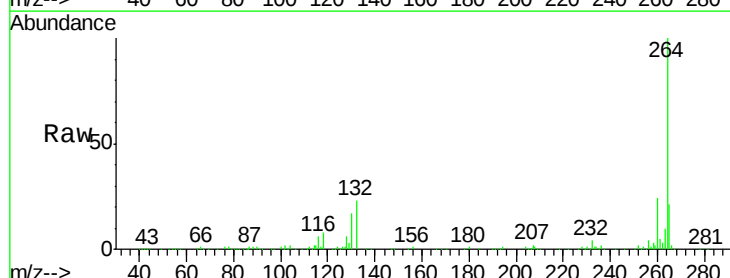
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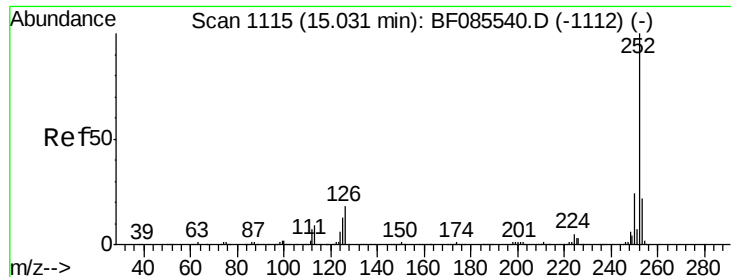
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	216152		
260	23.7	19.4	29.2	
265	21.2	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 41.42 ng m

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

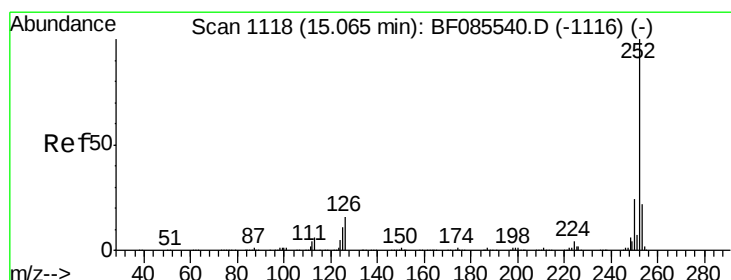
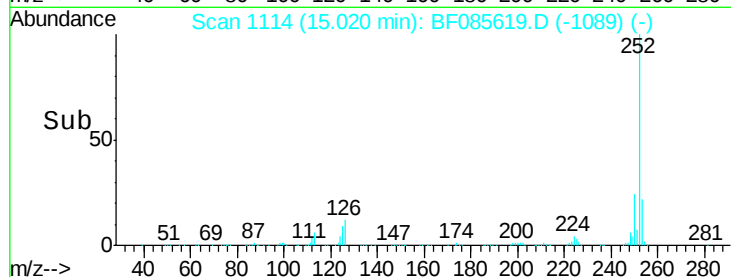
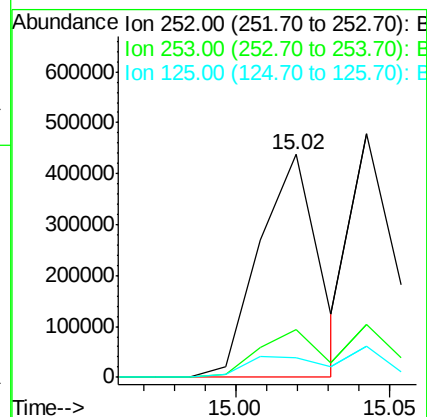
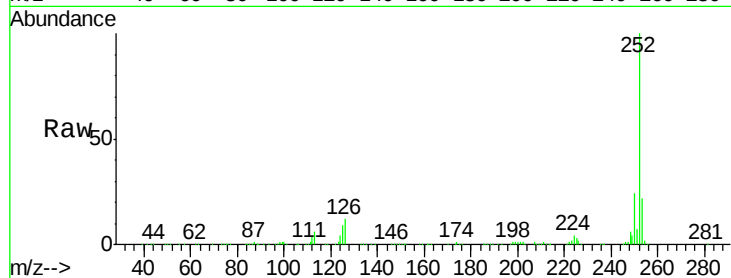
ClientSampleId :

PB89054BS

Tgt Ion:	252	Resp:	584252
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	8.8	10.3	15.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.98 ng m

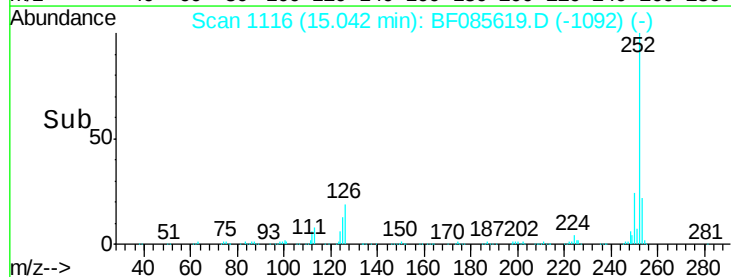
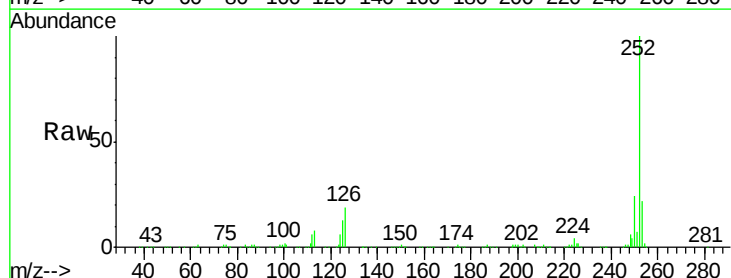
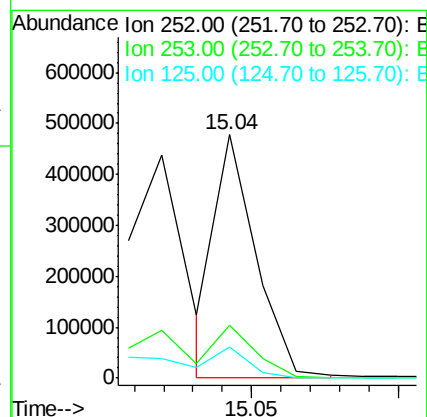
RT: 15.04 min Scan# 1116

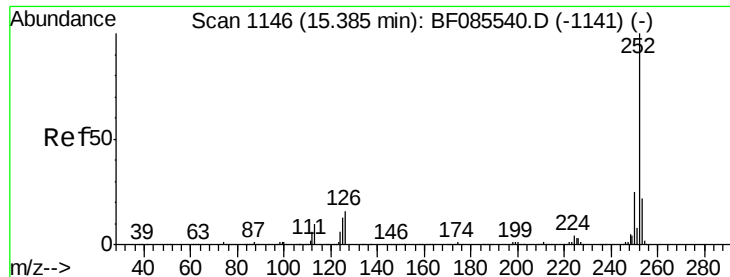
Delta R.T. -0.02 min

Lab File: BF085619.D

Acq: 21 Mar 2016 13:48

Tgt Ion:	252	Resp:	464550
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	12.6	7.7	11.5#





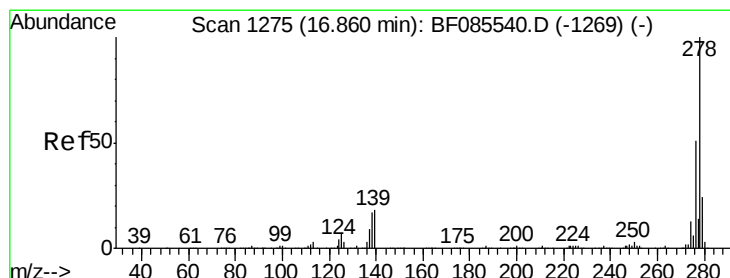
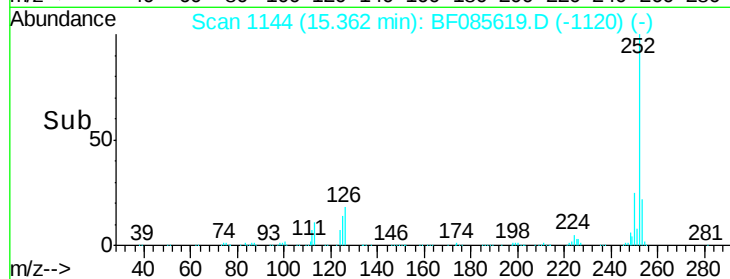
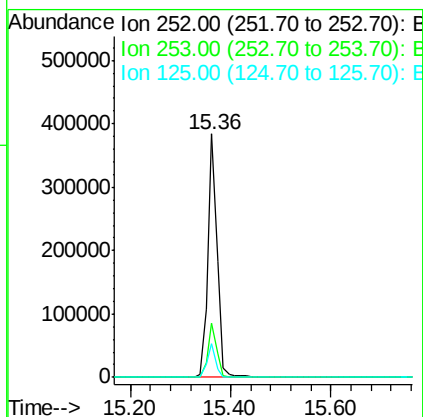
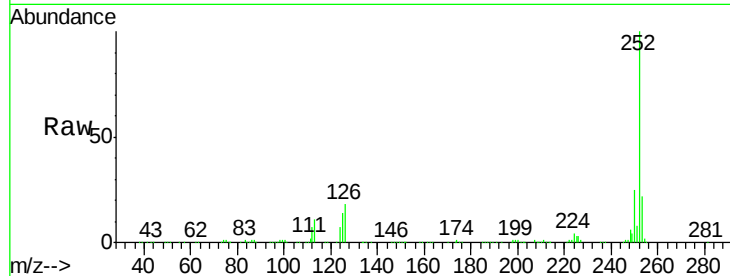
#89
Benzo(a)pyrene
Concen: 41.10 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.7	10.3	15.5

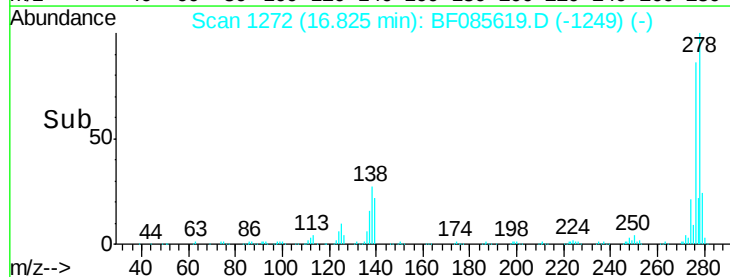
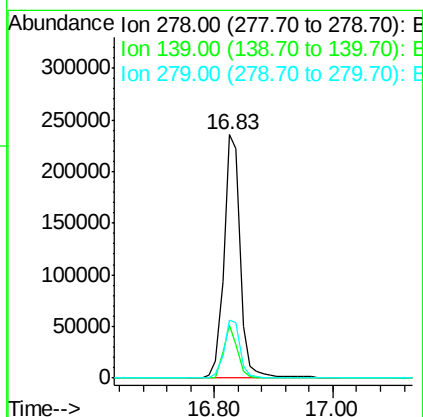
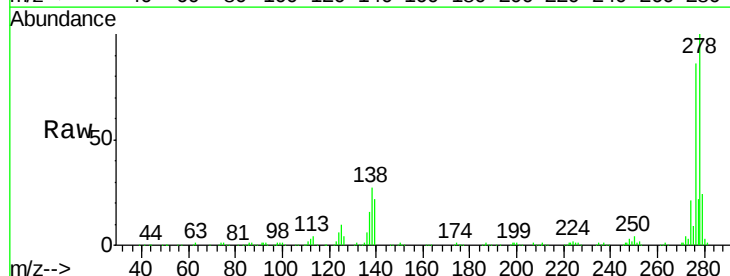
Manual Integrations
APPROVED

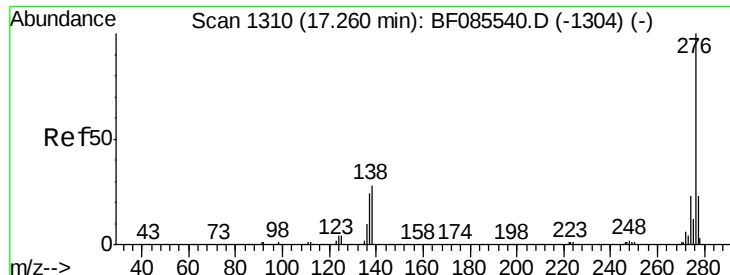
Sohil
3/22/2016 5:33:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.20 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF085619.D
Acq: 21 Mar 2016 13:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.4	21.6#
279	23.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 48.18 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085619.D

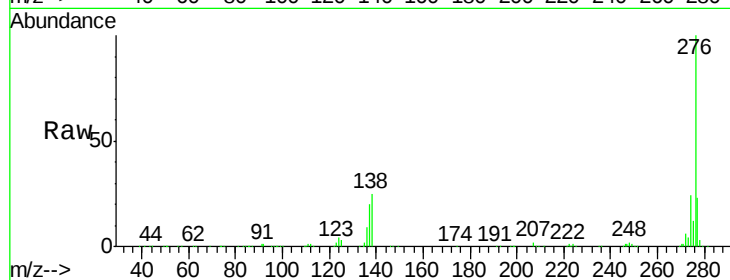
Acq: 21 Mar 2016 13:48

Instrument :

BNA_F

ClientSampleId :

PB89054BS



Tgt Ion: 276 Resp: 465088

Ion Ratio Lower Upper

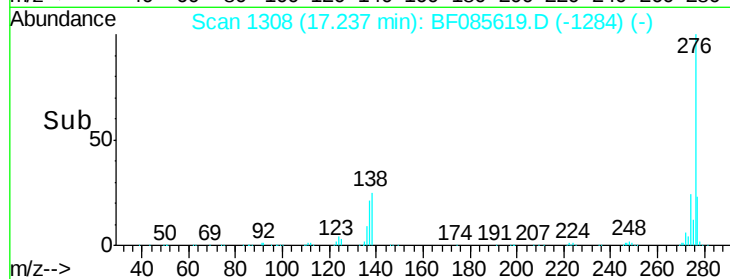
276 100

277 23.2 18.8 28.2

138 24.7 22.6 34.0

Manual Integrations
APPROVED

Sohil
3/22/2016 5:33:27 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

