

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085622.D
 Acq On : 21 Mar 2016 15:12
 Operator : UM/SJ
 Sample : PB89047BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Manual Integrations
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Sohil
 3/22/2016 5:33:30 PM

Quant Time: Mar 22 01:28:32 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	124906	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	506001	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	231120	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	435375	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	331705	20.00	ng	-0.01
86) Perylene-d12	15.42	264	225340	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	833389	112.07	ng	0.00
7) Phenol-d6	6.48	99	1033309	108.34	ng	-0.01
23) Nitrobenzene-d5	7.41	82	641624	73.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	295855	130.68	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1155782	85.41	ng	-0.02
78) Terphenyl-d14	12.95	244	1106581	80.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	117881	32.61	ng	98
3) Pyridine	3.25	79	295088	33.24	ng	100
4) n-Nitrosodimethylamine	3.19	42	132294	35.70	ng	99
6) Aniline	6.50	93	202311	15.79	ng	99
8) 2-Chlorophenol	6.63	128	342599	39.82	ng	97
9) Benzaldehyde	6.39	77	40498	6.33	ng	90
10) Phenol	6.49	94	425606	39.18	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	324049	39.57	ng	96
12) 1,3-Dichlorobenzene	6.78	146	325095m	34.68	ng	
13) 1,4-Dichlorobenzene	6.86	146	339209	35.47	ng	98
14) 1,2-Dichlorobenzene	7.02	146	316049	37.23	ng	96
15) Benzyl Alcohol	6.98	79	244205	37.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	376228	34.93	ng	98
17) 2-Methylphenol	7.10	107	264519	37.09	ng	99
18) Hexachloroethane	7.35	117	125290	36.29	ng	# 82
19) n-Nitroso-di-n-propylamine	7.26	70	196735	34.53	ng	94
20) 3+4-Methylphenols	7.26	107	325672	39.43	ng	91
22) Acetophenone	7.26	105	415966	34.64	ng	# 96
24) Nitrobenzene	7.43	77	359594	37.69	ng	89
25) Isophorone	7.67	82	641563	36.76	ng	96
26) 2-Nitrophenol	7.75	139	179566	38.08	ng	# 89
27) 2,4-Dimethylphenol	7.78	122	304101	36.47	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	372316	37.50	ng	99
29) 2,4-Dichlorophenol	7.99	162	276213	40.11	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	274668	35.61	ng	97
31) Naphthalene	8.15	128	918267	35.95	ng	100
32) Benzoic acid	7.91	122	171278	24.56	ng	90
33) 4-Chloroaniline	8.20	127	75831	7.24	ng	# 94
34) Hexachlorobutadiene	8.26	225	140403	34.15	ng	98
35) Caprolactam	8.57	113	89840m	37.91	ng	
36) 4-Chloro-3-methylphenol	8.69	107	289164	35.95	ng	98
37) 2-Methylnaphthalene	8.85	142	643445	41.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240445	34.30	ng	98
40) Hexachlorocyclopentadiene	9.00	237	247105	78.20	ng	98

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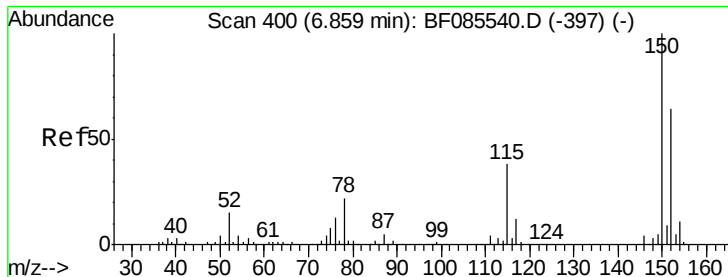
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	189293	39.44	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	191764	39.26	ng	# 94
45) 1,1'-Biphenyl	9.30	154	673474	33.78	ng	98
46) 2-Chloronaphthalene	9.33	162	527724	36.24	ng	92
47) 2-Nitroaniline	9.43	65	180743	41.02	ng	# 84
48) Acenaphthylene	9.75	152	914808	38.81	ng	99
49) Dimethylphthalate	9.61	163	700593	40.17	ng	98
50) 2,6-Dinitrotoluene	9.67	165	146798	39.87	ng	89
51) Acenaphthene	9.92	154	612472	41.41	ng	99
52) 3-Nitroaniline	9.83	138	56476	12.25	ng	89
53) 2,4-Dinitrophenol	9.94	184	129572	57.45	ng	98
54) Dibenzofuran	10.09	168	798833	44.35	ng	97
55) 4-Nitrophenol	10.00	139	216213	60.67	ng	89
56) 2,4-Dinitrotoluene	10.07	165	185440	38.47	ng	# 44
57) Fluorene	10.44	166	577732	38.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	147523	41.95	ng	98
59) Diethylphthalate	10.31	149	687365	39.64	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	289451	39.49	ng	91
61) 4-Nitroaniline	10.45	138	152951	33.65	ng	89
62) Azobenzene	10.58	77	715021	42.97	ng	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	93813	33.67	ng	86
65) n-Nitrosodiphenylamine	10.54	169	523352	38.59	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	174975	40.23	ng	# 87
67) Hexachlorobenzene	10.98	284	180514	39.07	ng	# 86
68) Atrazine	11.08	200	179696	43.52	ng	94
69) Pentachlorophenol	11.18	266	185856	66.25	ng	99
70) Phenanthrene	11.40	178	930691	40.54	ng	99
71) Anthracene	11.44	178	889757	36.96	ng	99
72) Carbazole	11.60	167	835030	40.21	ng	98
73) Di-n-butylphthalate	11.93	149	1052211	40.46	ng	98
74) Fluoranthene	12.57	202	824813	34.31	ng	98
76) Benzidine	12.70	184	234723	21.04	ng	98
77) Pyrene	12.80	202	851987	35.77	ng	100
79) Butylbenzylphthalate	13.42	149	393701	34.68	ng	# 76
80) Benzo(a)anthracene	13.99	228	719515	37.36	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	86938	12.32	ng	# 96
82) Chrysene	14.03	228	571162	30.83	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	457954	32.47	ng	99
84) Di-n-octyl phthalate	14.60	149	761230	33.12	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	515463	33.30	ng	99
87) Benzo(b)fluoranthene	15.02	252	615908m	41.89	ng	
88) Benzo(k)fluoranthene	15.04	252	451739m	37.29	ng	
89) Benzo(a)pyrene	15.36	252	498896	40.02	ng	99
90) Dibenzo(a,h)anthracene	16.83	278	433210	41.67	ng	98
91) Benzo(g,h,i)perylene	17.24	276	435723	43.30	ng	95

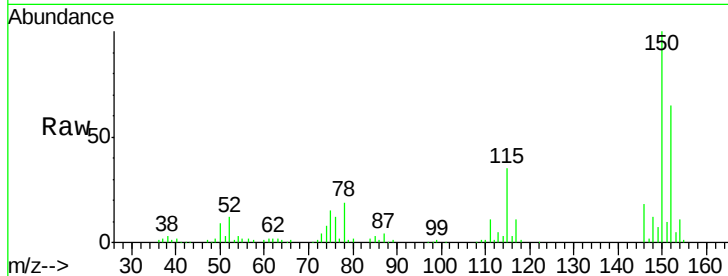
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

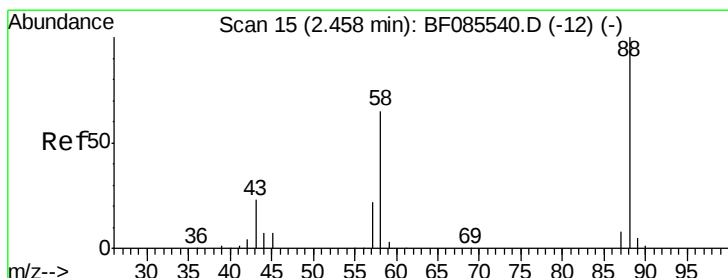
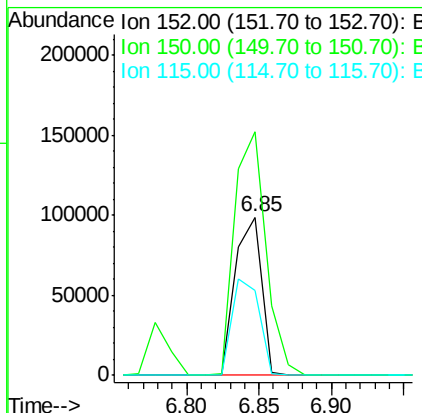
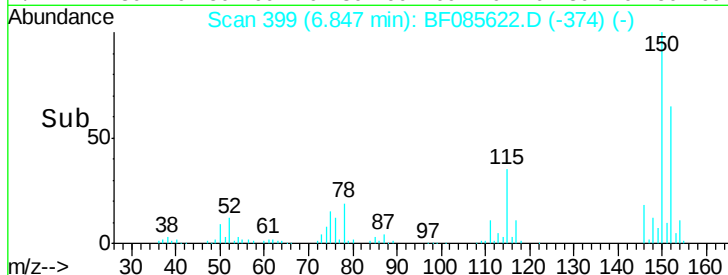
Instrument :
BNA_F
ClientSampleId :
PB89047BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	53.6	47.0	70.6

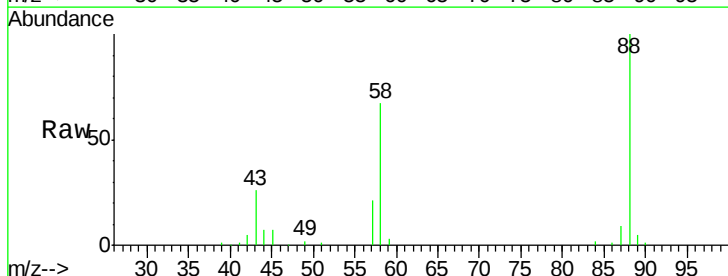
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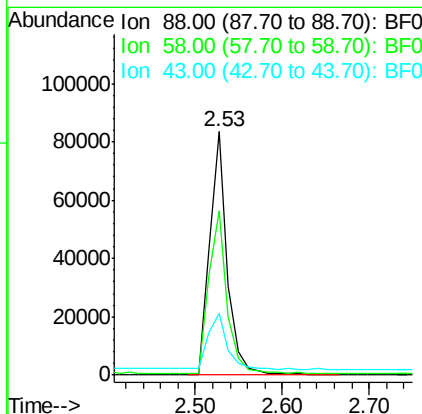
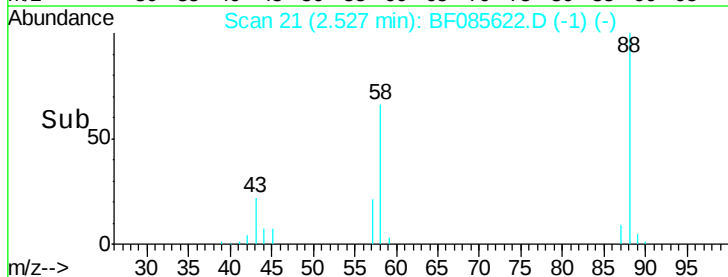


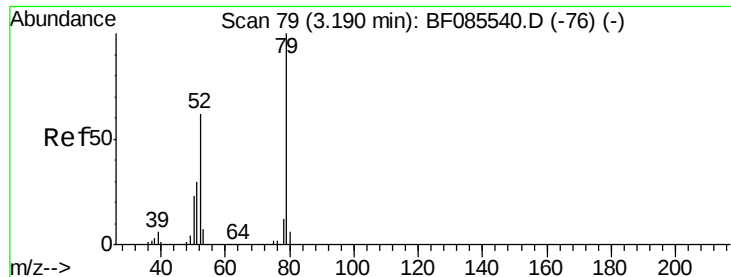
#2

1,4-Dioxane
Concen: 32.61 ng
RT: 2.53 min Scan# 21
Delta R.T. 0.07 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12



Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	54.2	81.2
43	25.4	19.3	28.9





#3

Pyridine

Concen: 33.24 ng

RT: 3.25 min Scan# 84

Delta R.T. 0.06 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

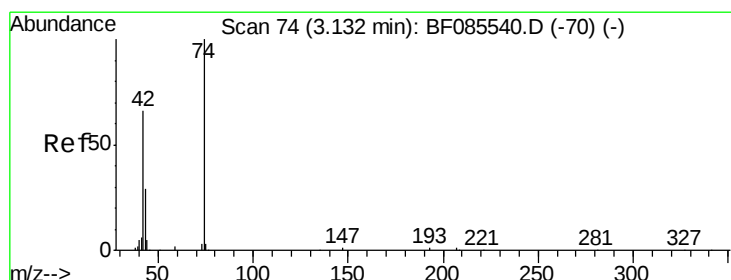
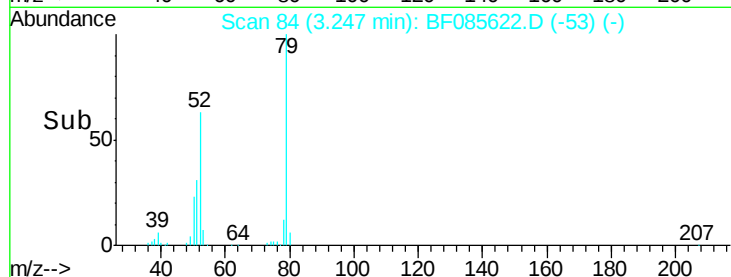
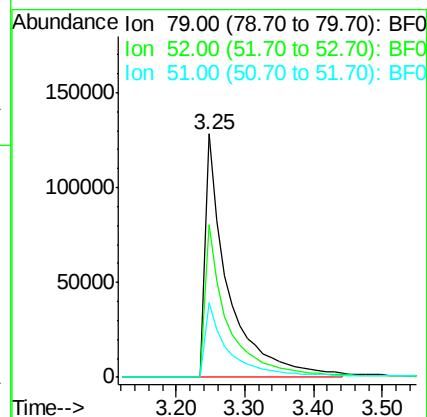
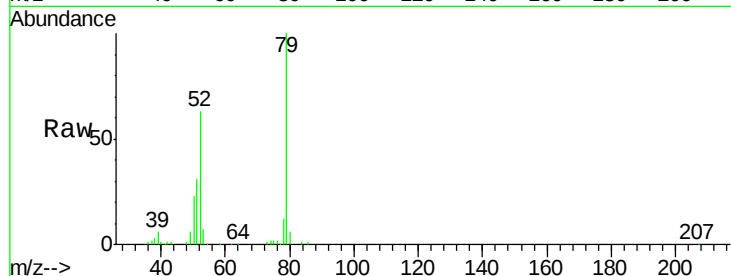
ClientSampleId :

PB89047BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.6	49.8	74.6
51	30.9	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 35.70 ng

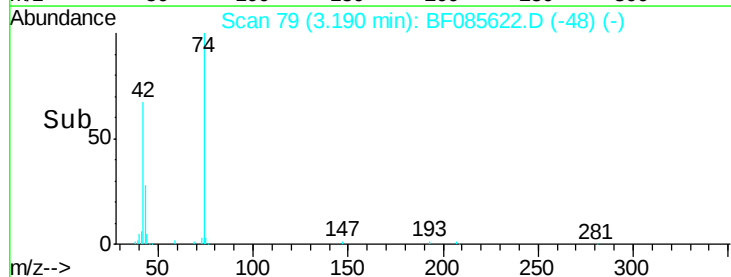
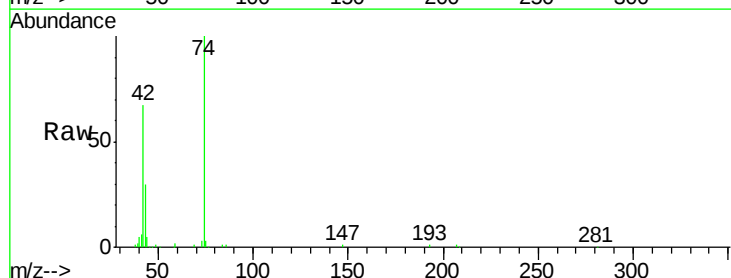
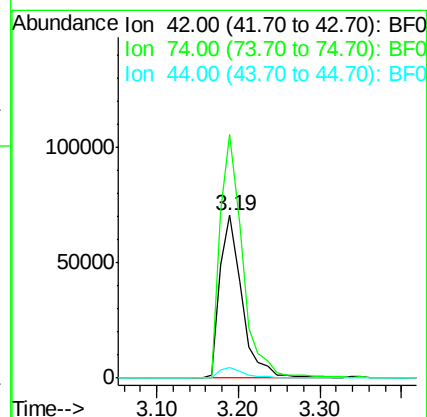
RT: 3.19 min Scan# 79

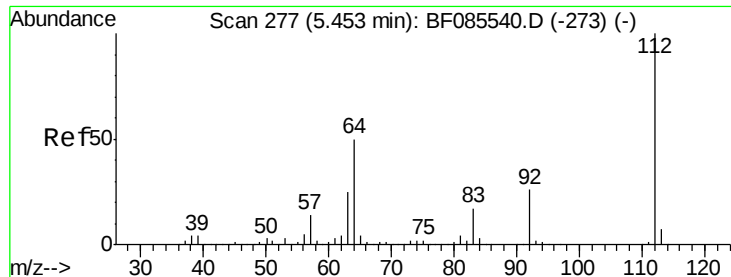
Delta R.T. 0.06 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.8	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 112.07 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

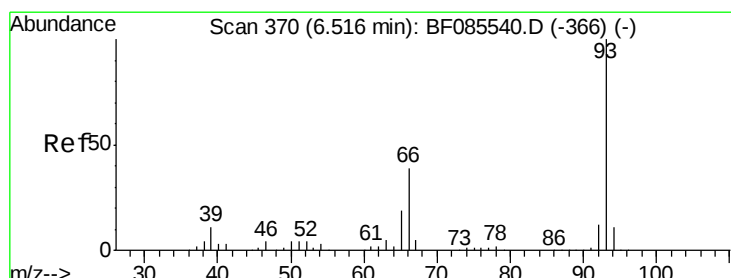
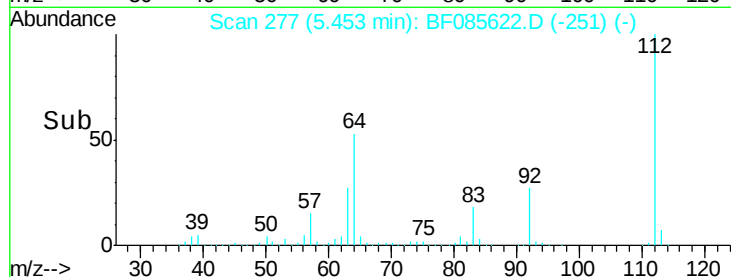
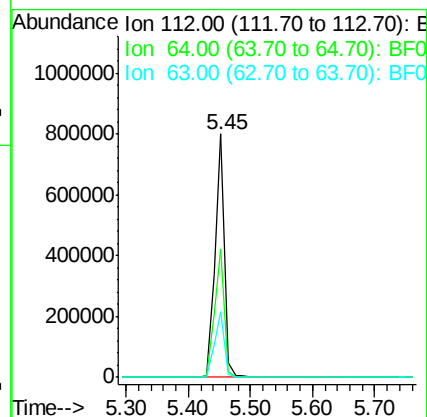
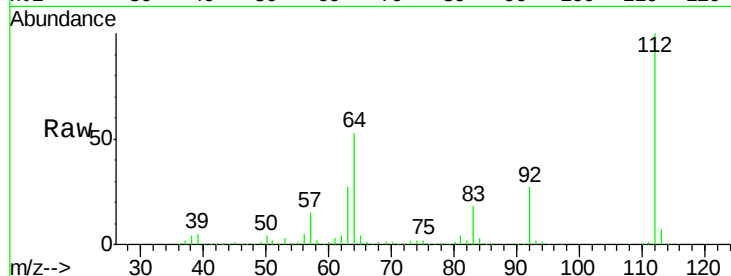
ClientSampleId :

PB89047BS

Tgt Ion:	112	Resp:	833389
Ion Ratio	Lower	Upper	
112	100		
64	53.0	39.9	59.9
63	27.1	20.2	30.2

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#6

Aniline

Concen: 15.79 ng

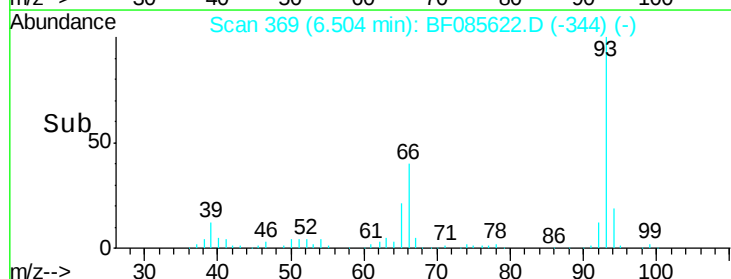
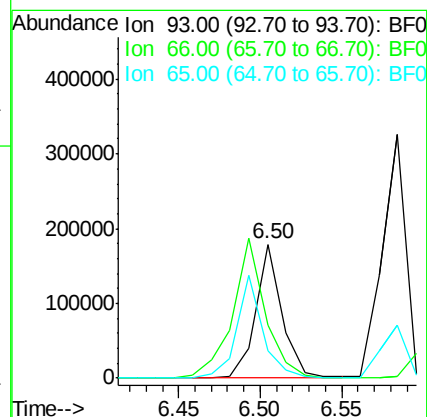
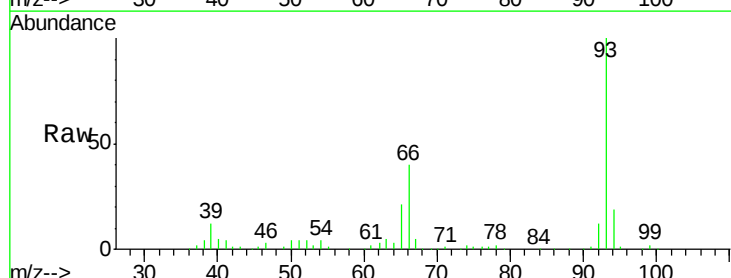
RT: 6.50 min Scan# 369

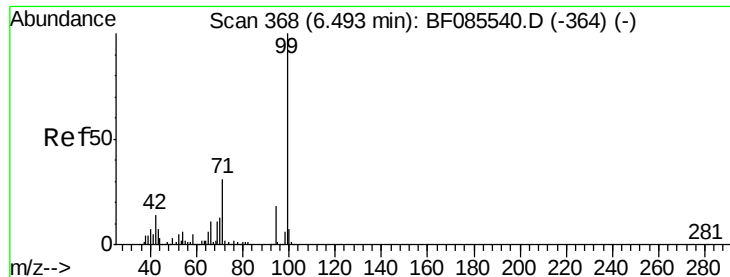
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	93	Resp:	202311
Ion Ratio	Lower	Upper	
93	100		
66	39.7	31.4	47.2
65	20.6	15.7	23.5





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085622.D

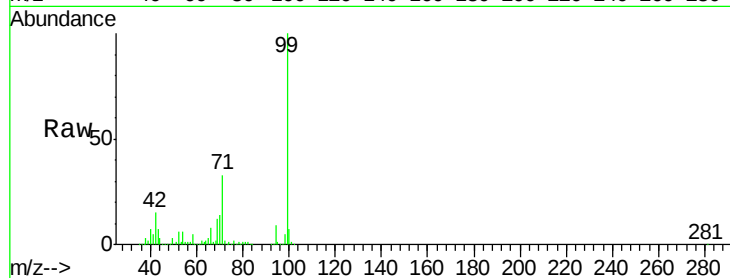
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS



Tgt Ion: 99 Resp: 1033309

Ion Ratio Lower Upper

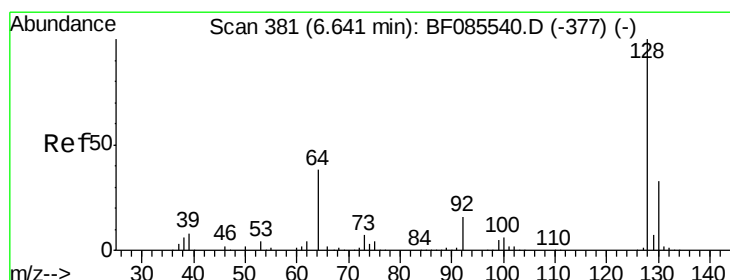
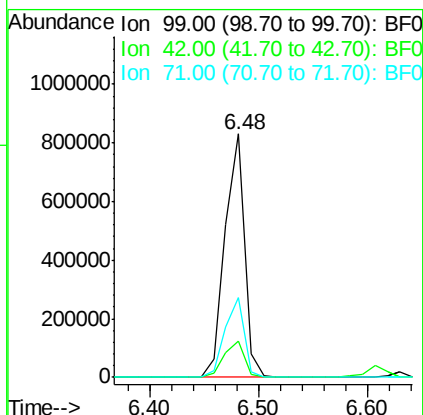
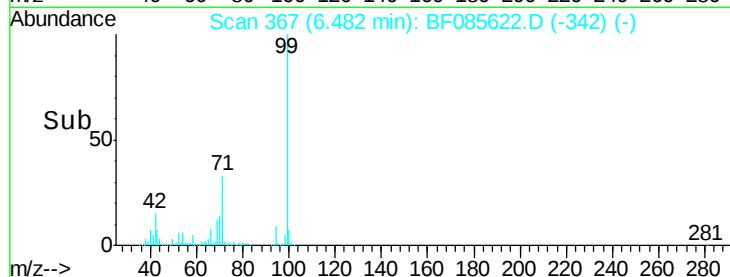
99 100

42 14.8 11.1 16.7

71 32.7 24.9 37.3

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#8

2-Chlorophenol

Concen: 39.82 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

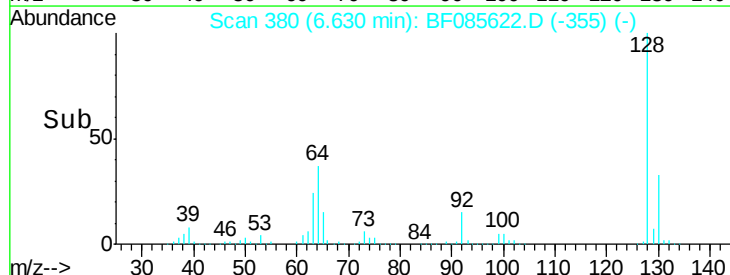
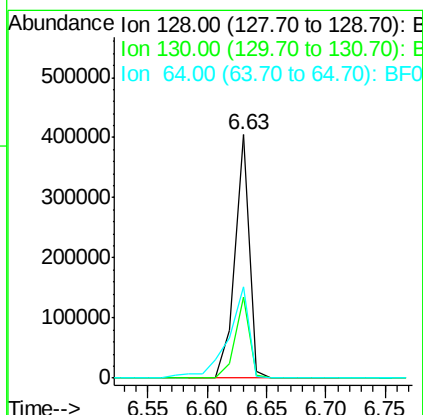
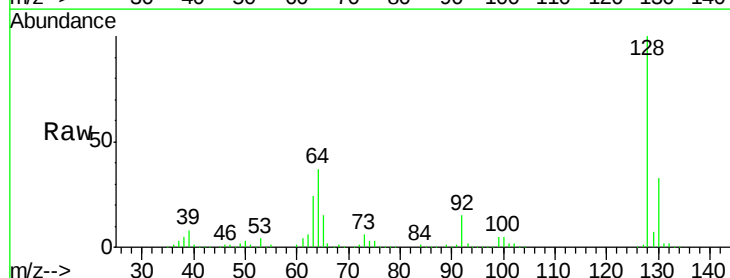
Tgt Ion: 128 Resp: 342599

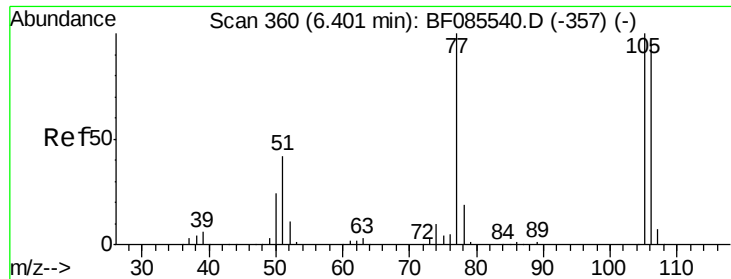
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 37.3 20.2 60.2





#9

Benzaldehyde

Concen: 6.33 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085622.D

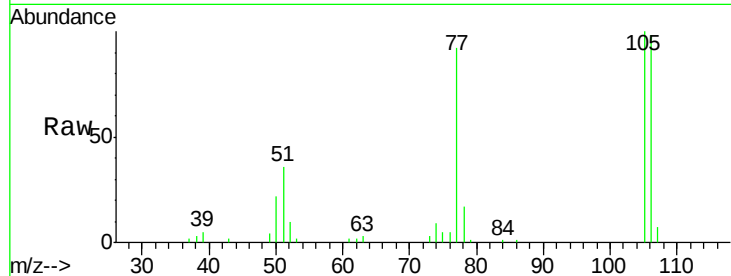
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

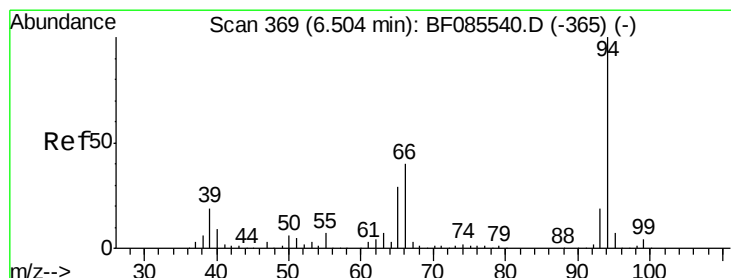
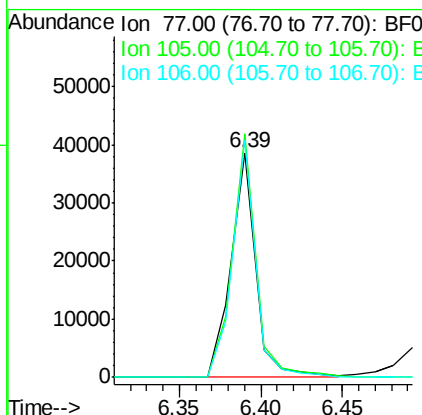
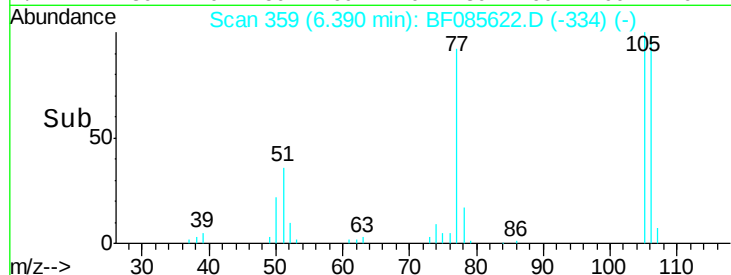
PB89047BS



Tgt Ion:	77	Resp:	40498
Ion	Ratio	Lower	Upper
77	100		
105	108.4	80.1	120.1
106	105.9	75.0	115.0

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#10

Phenol

Concen: 39.18 ng

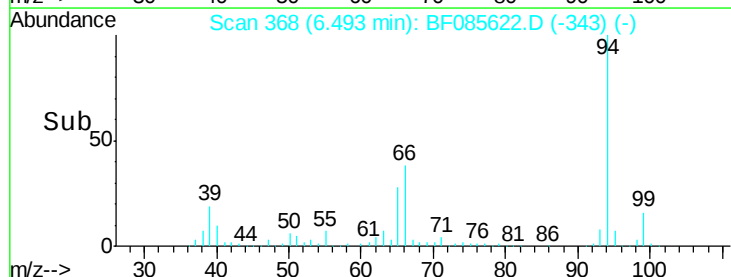
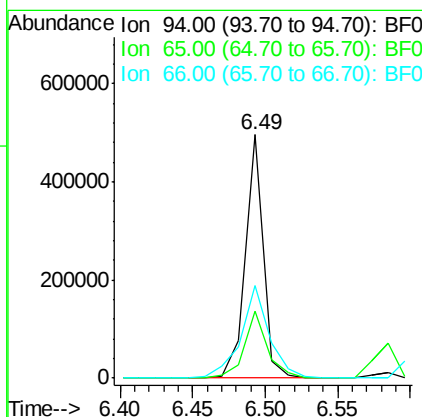
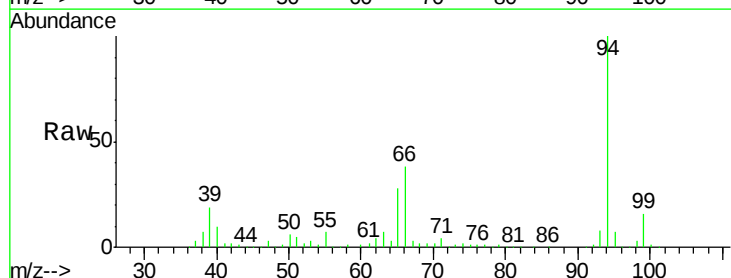
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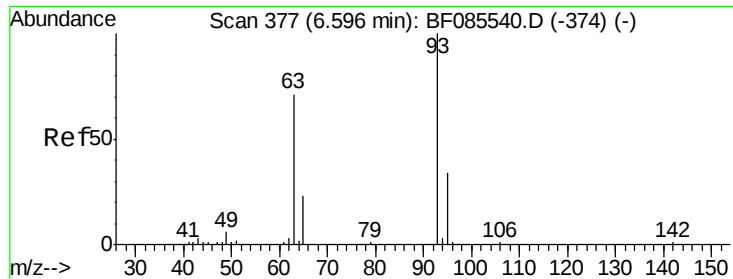
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	94	Resp:	425606
Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.6	48.6
66	37.9	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 39.57 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

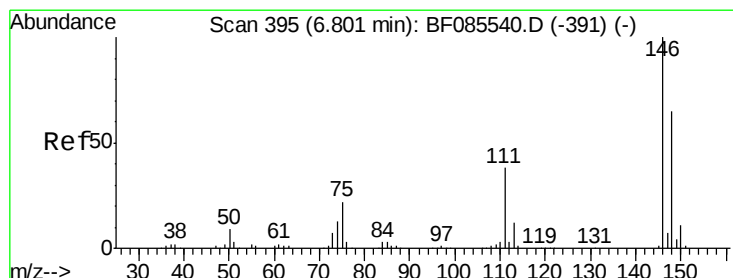
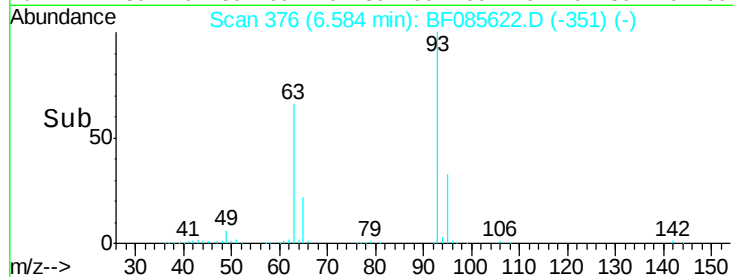
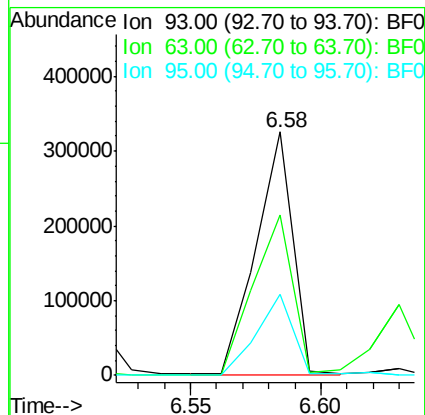
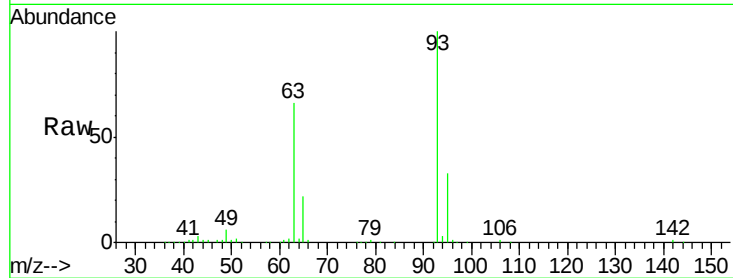
ClientSampleId :

PB89047BS

Tgt Ion:	93	Resp:	324049
Ion Ratio	Lower	Upper	
93	100		
63	65.8	50.9	90.9
95	33.4	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 34.68 ng m

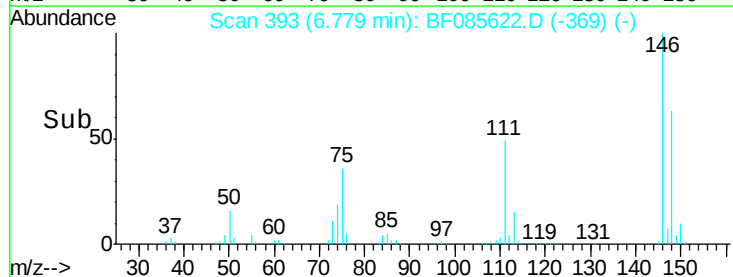
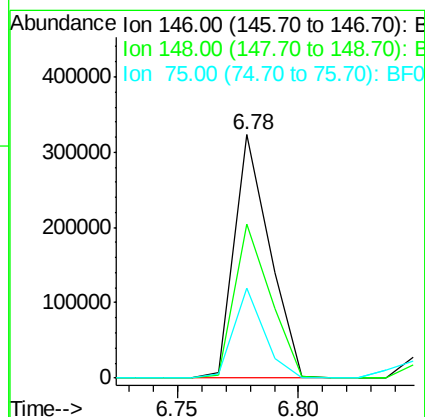
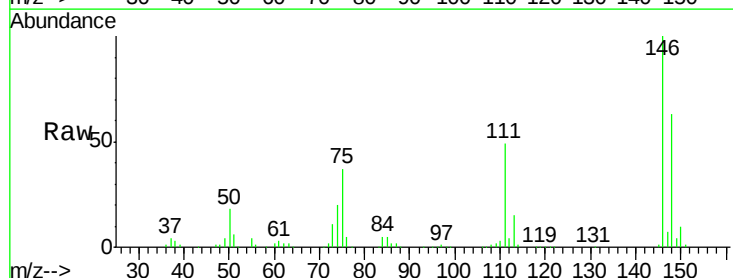
RT: 6.78 min Scan# 393

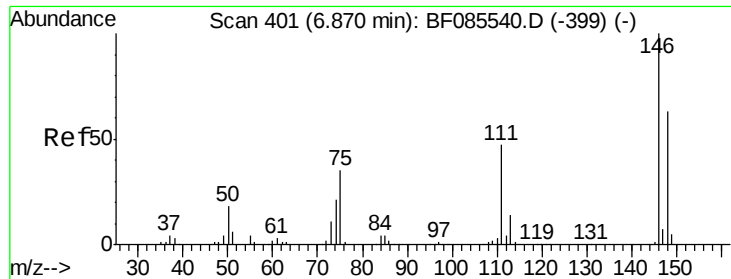
Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	146	Resp:	325095
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
75	36.7	17.4	26.2#





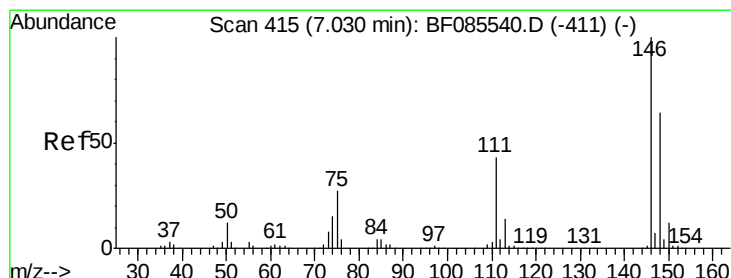
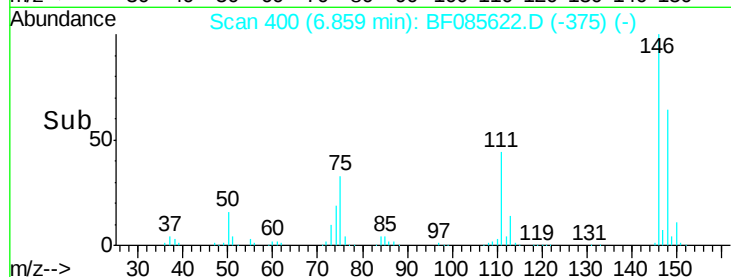
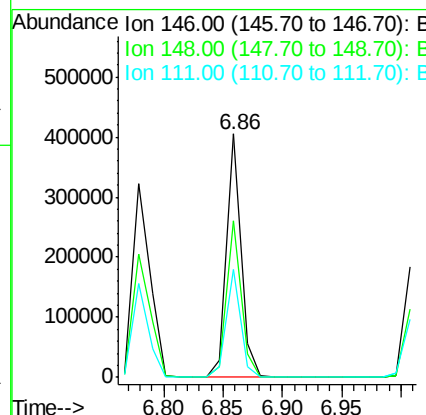
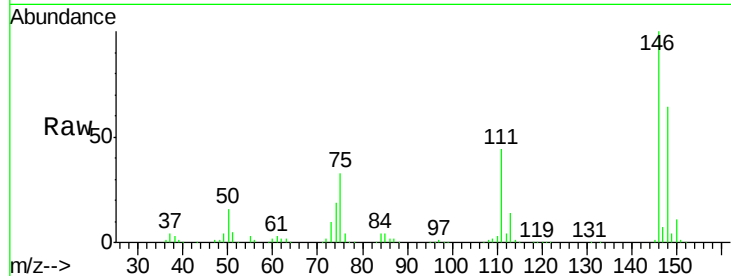
#13
 1,4-Dichlorobenzene
 Concen: 35.47 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	339209		
148	64.2	50.6	76.0	
111	44.3	37.8	56.6	

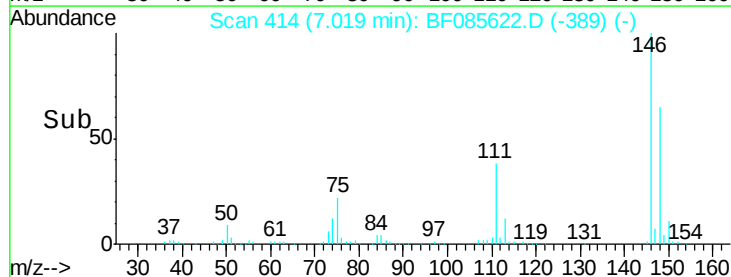
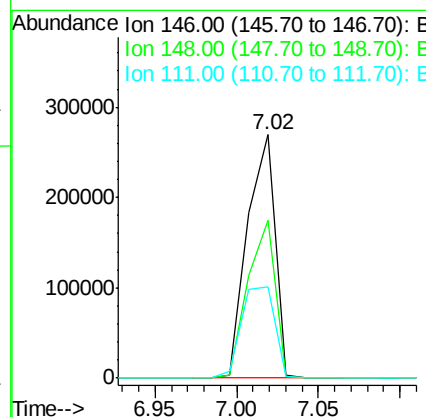
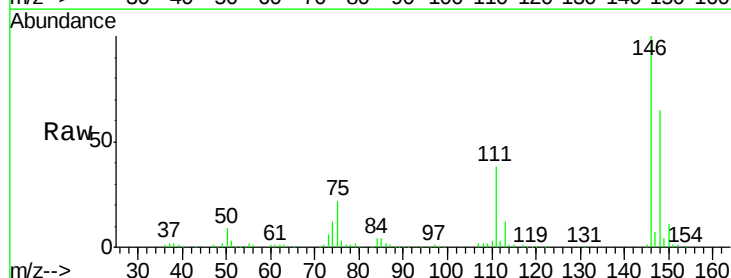
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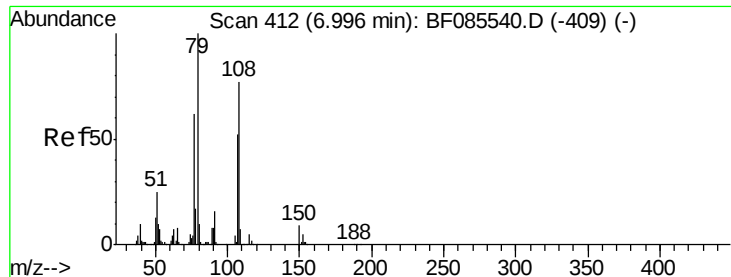
Sohil
 3/22/2016 5:33:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.23 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	316049		
148	64.8	51.4	77.2	
111	37.6	34.6	52.0	





#15

Benzyl Alcohol

Concen: 37.38 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

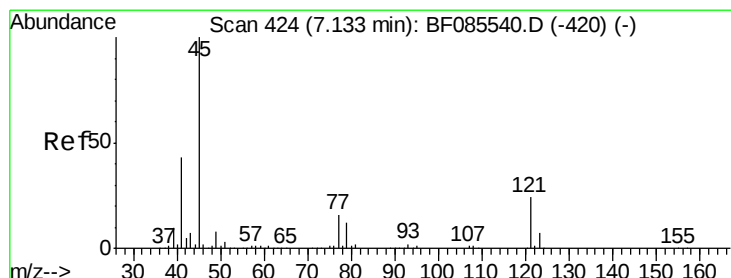
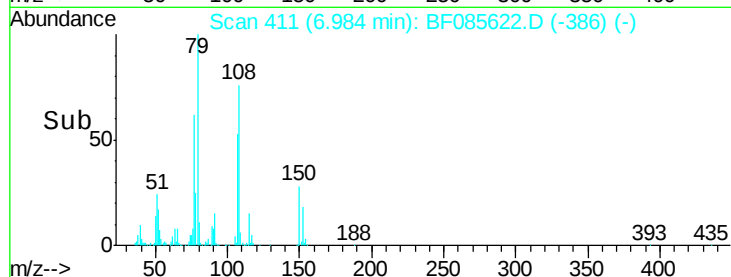
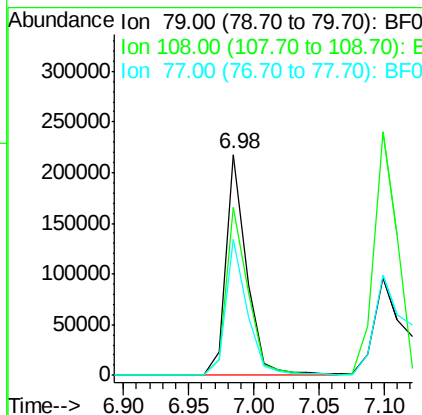
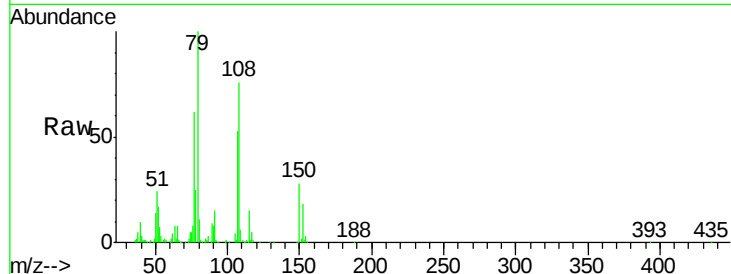
PB89047BS

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Tgt Ion:	79	Resp:	244205
Ion Ratio	Lower	Upper	
79	100		
108	76.3	61.8	92.6
77	61.9	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.93 ng

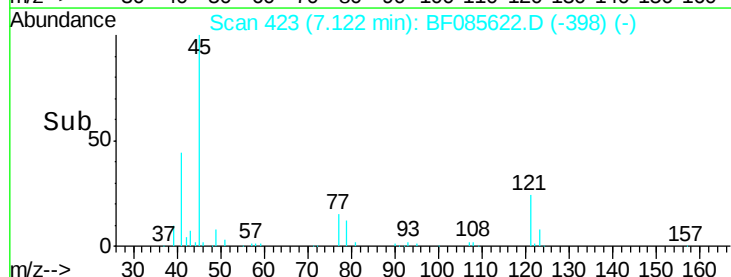
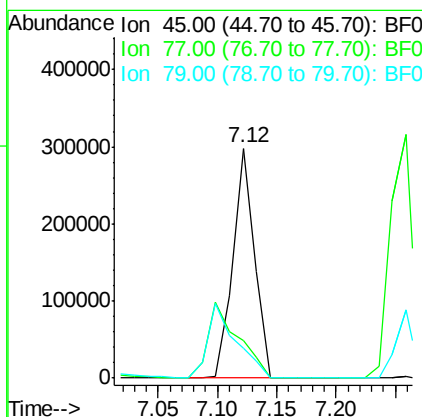
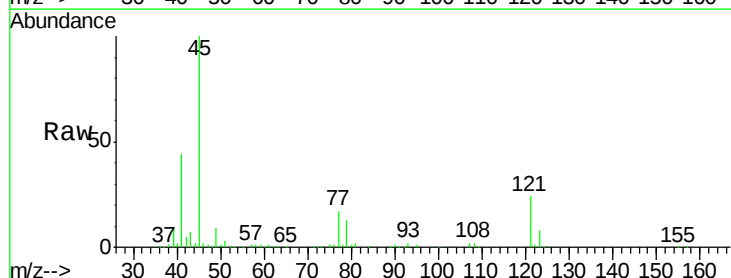
RT: 7.12 min Scan# 423

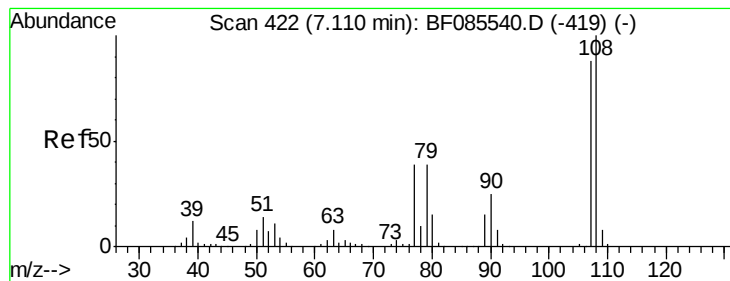
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	45	Resp:	376228
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	35.7
79	12.9	0.0	32.2





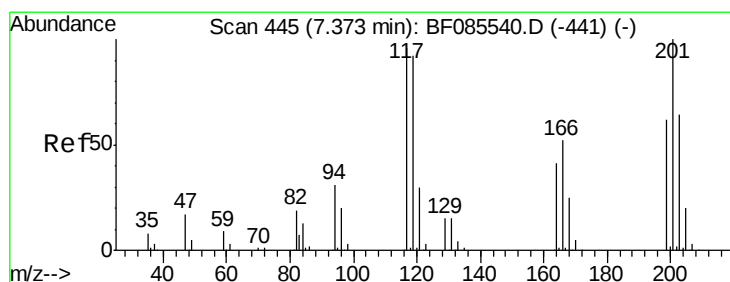
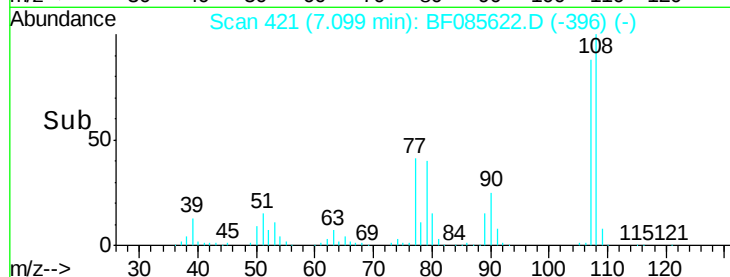
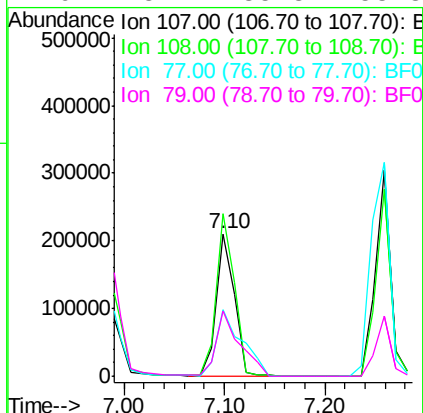
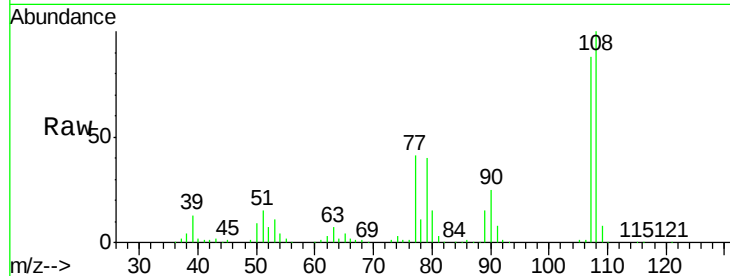
#17
2-Methylphenol
Concen: 37.09 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	264519		
108	114.2	91.4	137.0	
77	47.0	36.2	54.2	
79	45.7	35.8	53.8	

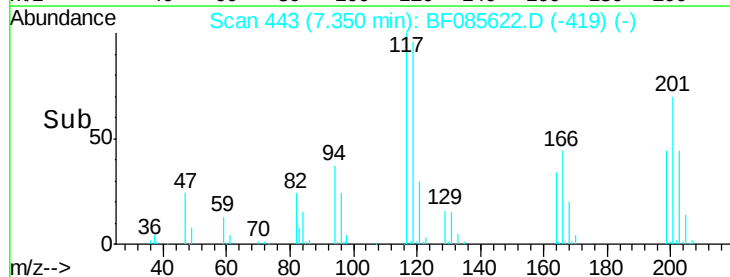
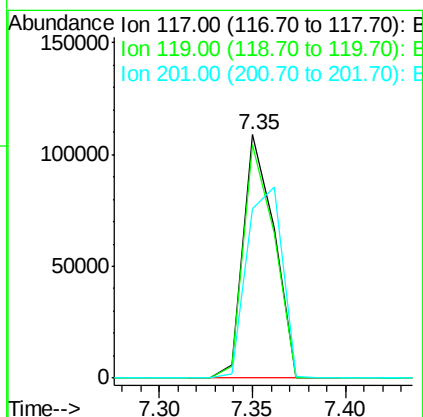
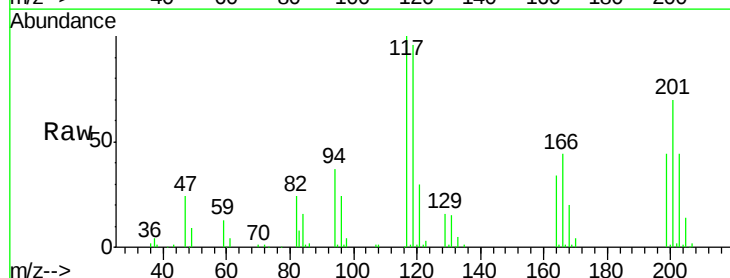
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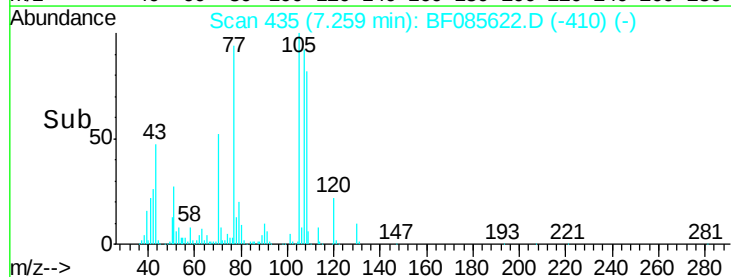
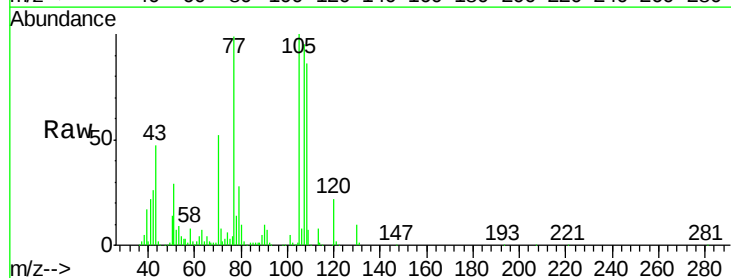
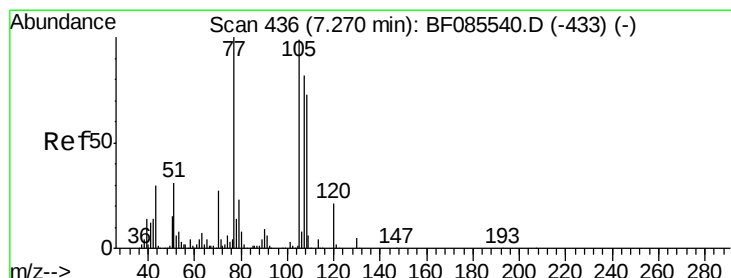
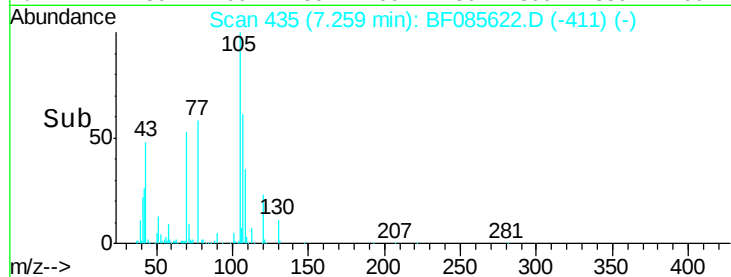
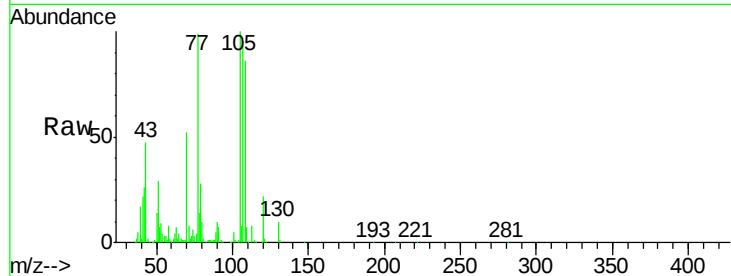
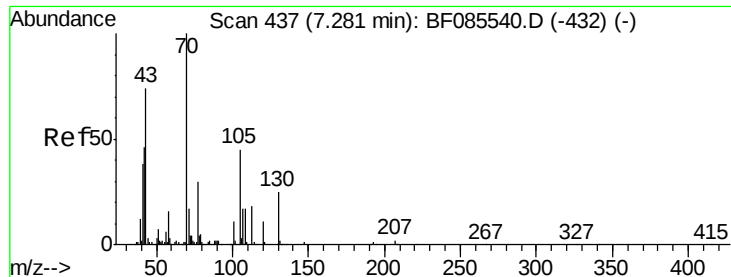
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#18
Hexachloroethane
Concen: 36.29 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125290		
119	96.0	76.7	115.1	
201	69.6	83.3	124.9	





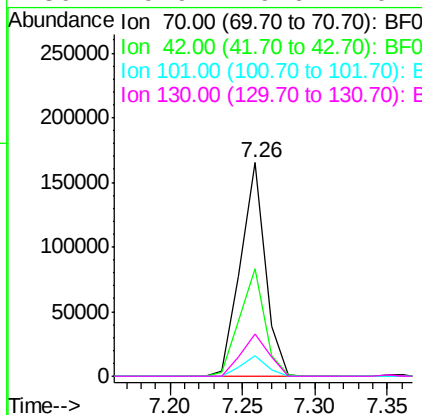
#19
n-Nitroso-di-n-propylamine
Concen: 34.53 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		196735		
42	50.2	37.1	55.7		
101	9.8	8.6	12.8		
130	19.9	19.6	29.4		

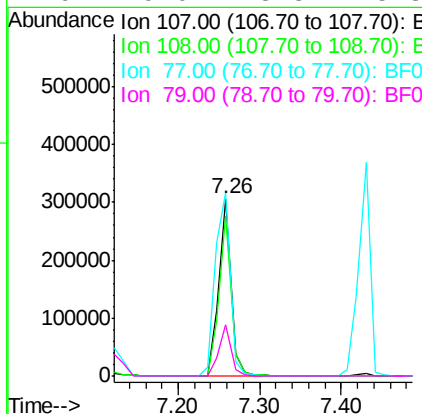
Manual Integrations
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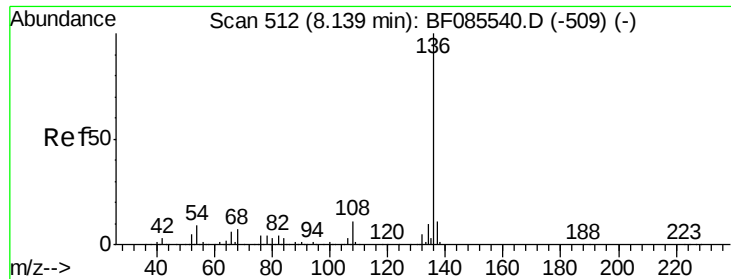
Sohil
3/22/2016 5:33:30 PM



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		325672		
108	90.5	69.3	109.3		
77	103.3	101.7	141.7		
79	29.0	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: BF085622.D

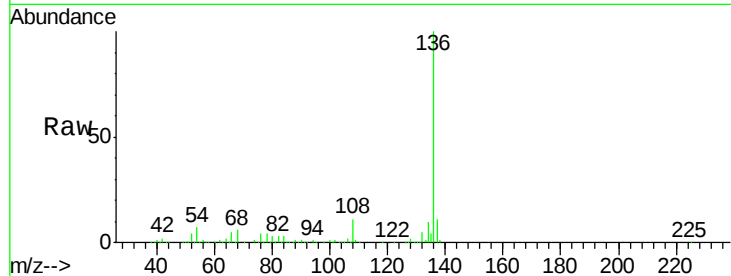
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

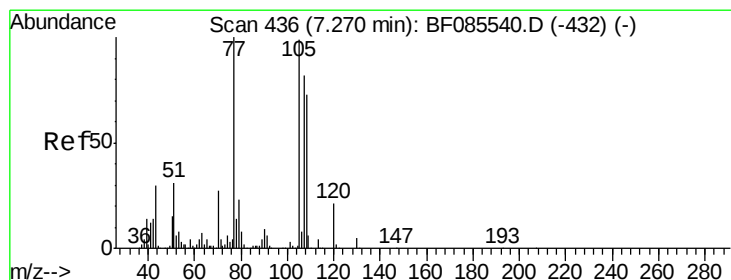
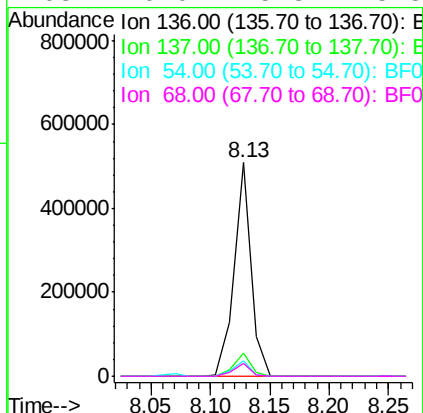
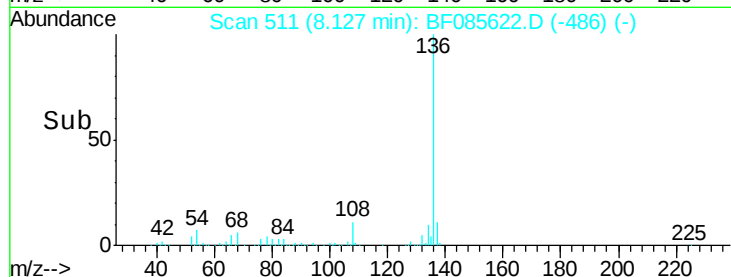
PB89047BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.1	13.7
54	7.5	7.4	11.0
68	6.0	5.8	8.8

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#22

Acetophenone

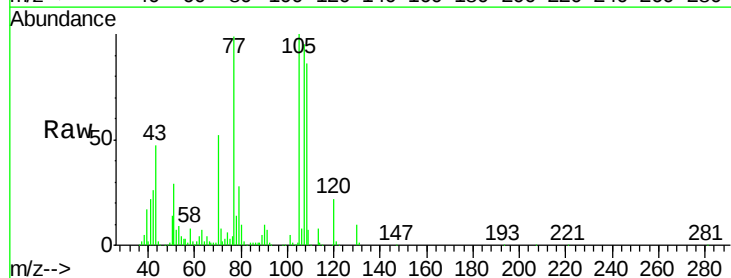
Concen: 34.64 ng

RT: 7.26 min Scan# 435

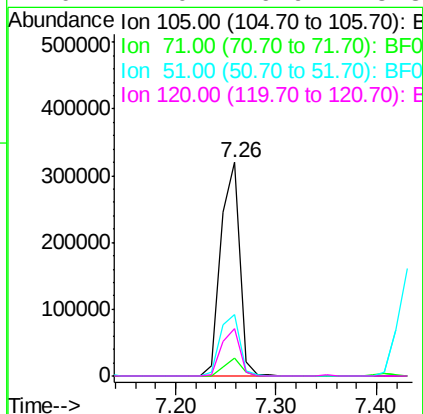
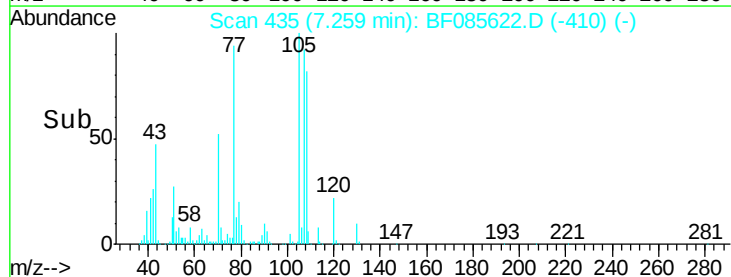
Delta R.T. -0.01 min

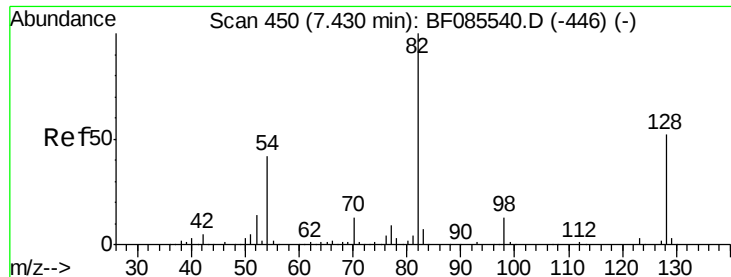
Lab File: BF085622.D

Acq: 21 Mar 2016 15:12



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.4	3.6	5.4#
51	28.9	25.4	38.0
120	22.0	16.9	25.3





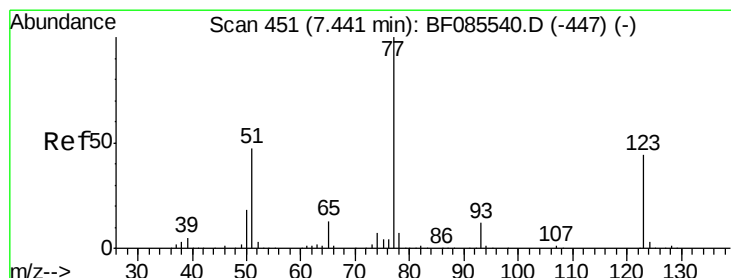
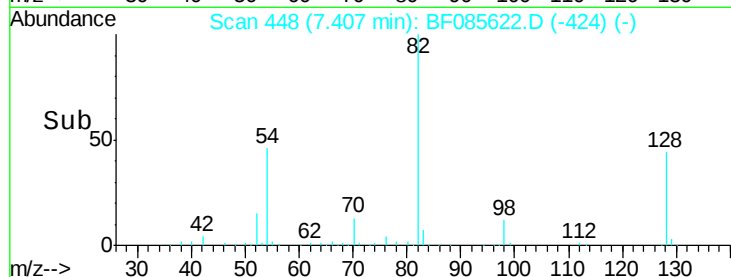
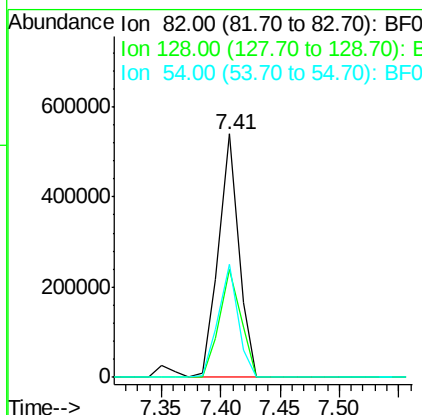
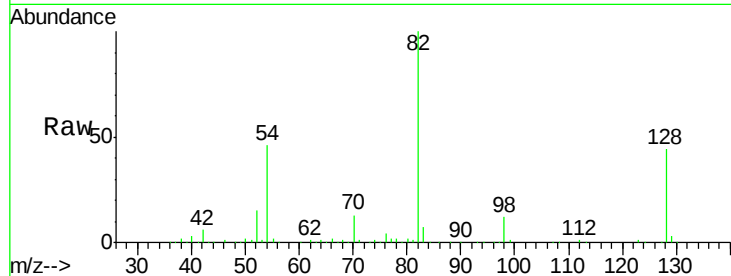
#23
 Nitrobenzene-d5
 Concen: 73.60 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	641624		
128	44.2	41.8	62.8	
54	46.3	33.4	50.0	

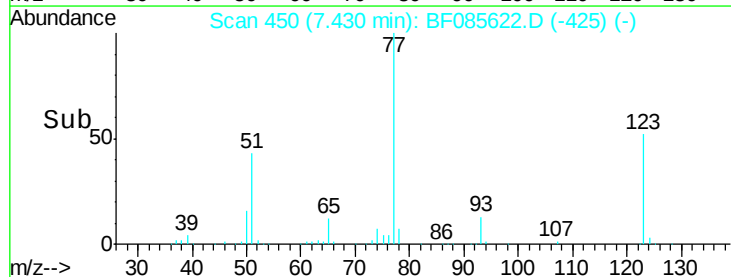
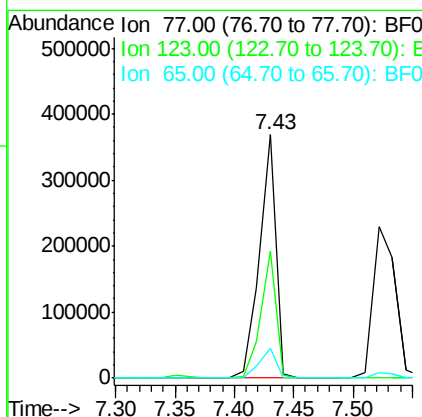
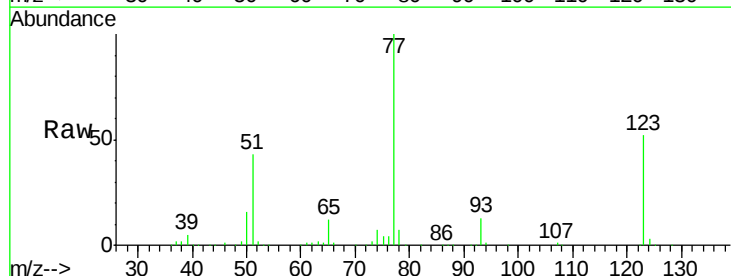
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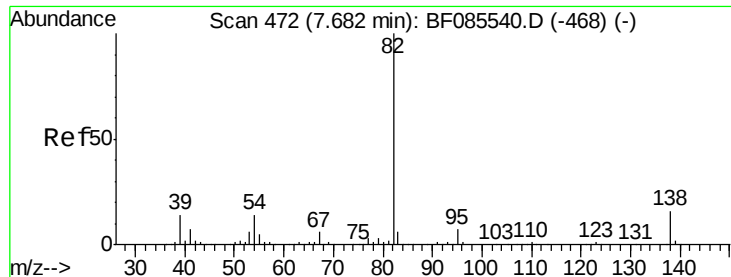
Sohil
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#24
 Nitrobenzene
 Concen: 37.69 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	359594		
123	52.3	35.0	52.4	
65	12.5	10.6	16.0	





#25

Isophorone

Concen: 36.76 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

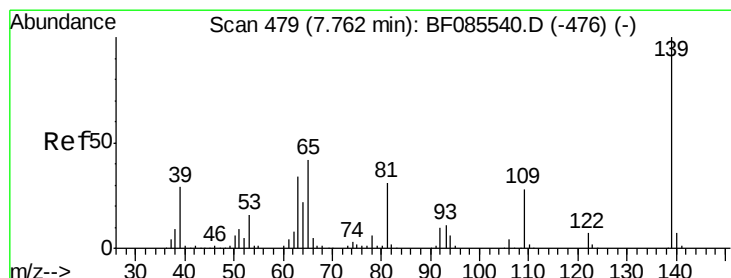
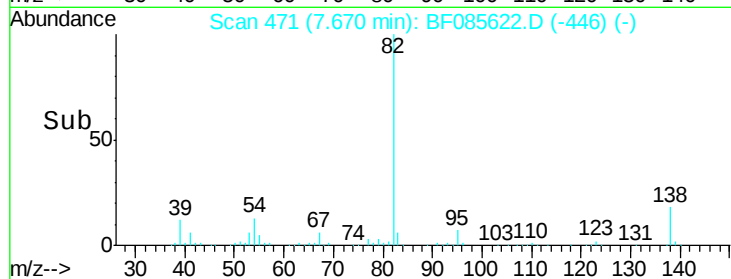
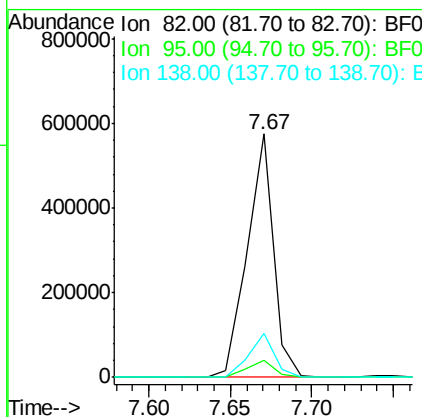
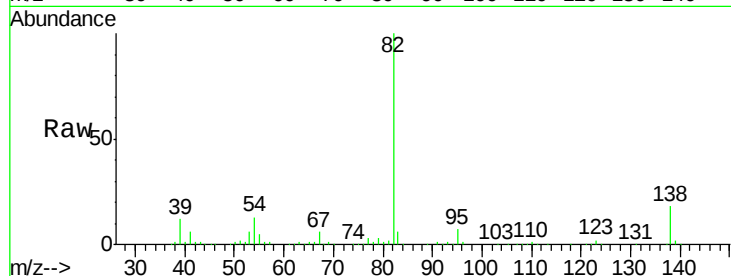
ClientSampleId :

PB89047BS

Tgt Ion:	82	Resp:	641563
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.08 ng

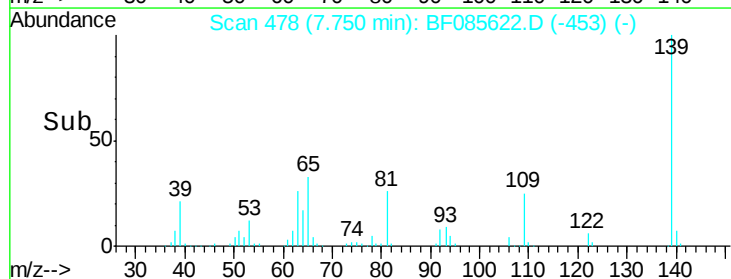
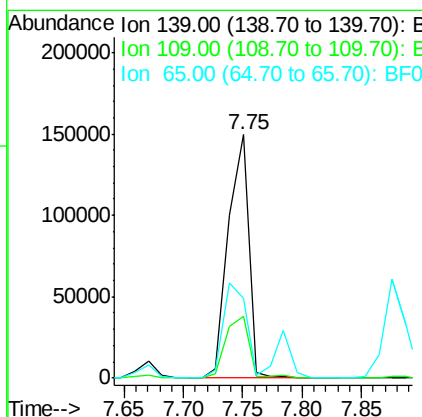
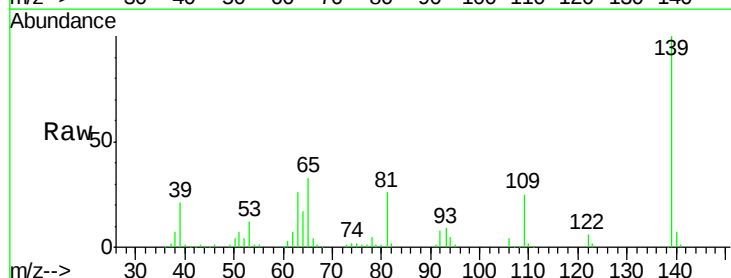
RT: 7.75 min Scan# 478

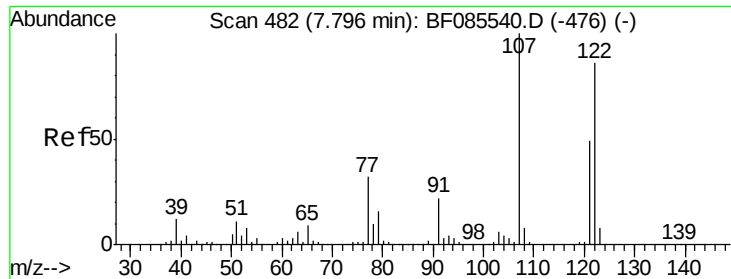
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	139	Resp:	179566
Ion Ratio		Lower	Upper
139	100		
109	25.4	22.1	33.1
65	32.6	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 36.47 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

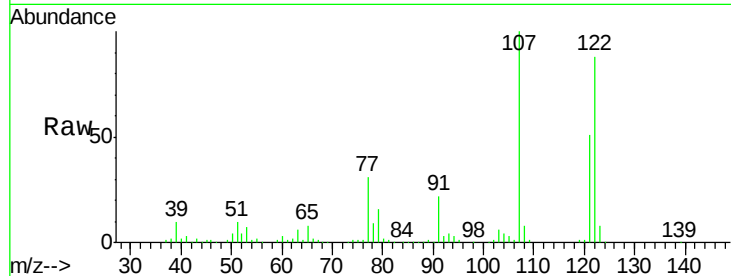
ClientSampleId :

PB89047BS

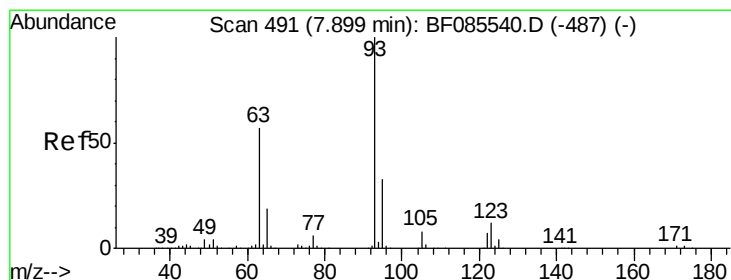
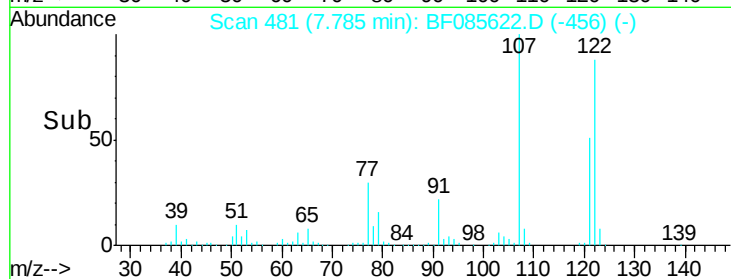
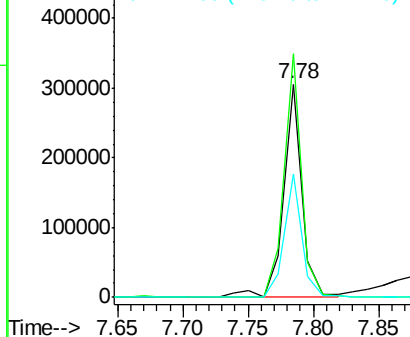
Tgt Ion:	122	Resp:	304101
Ion Ratio	Lower	Upper	
122	100		
107	114.2	93.0	139.6
121	57.8	45.9	68.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 37.50 ng

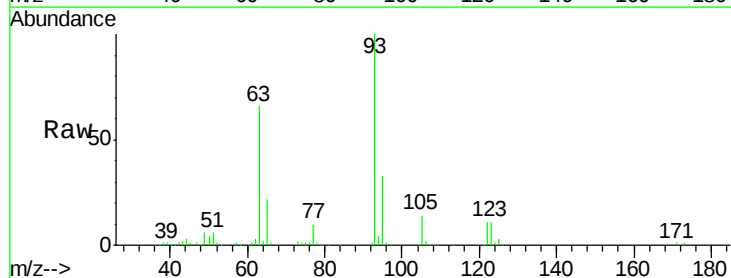
RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

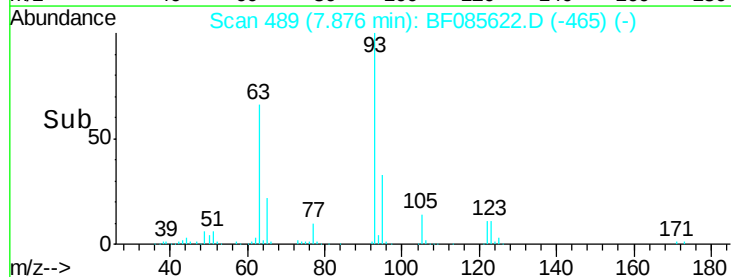
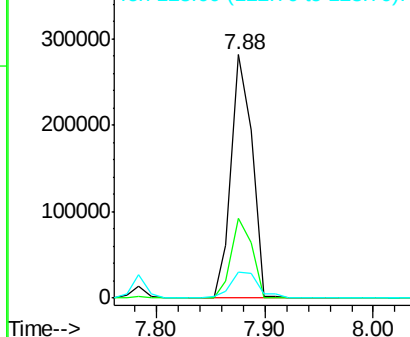
Lab File: BF085622.D

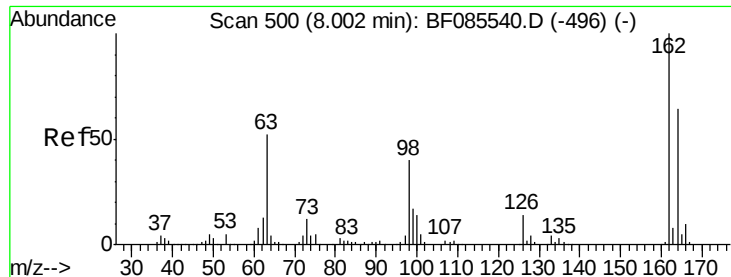
Acq: 21 Mar 2016 15:12

Tgt Ion:	93	Resp:	372316
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	10.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





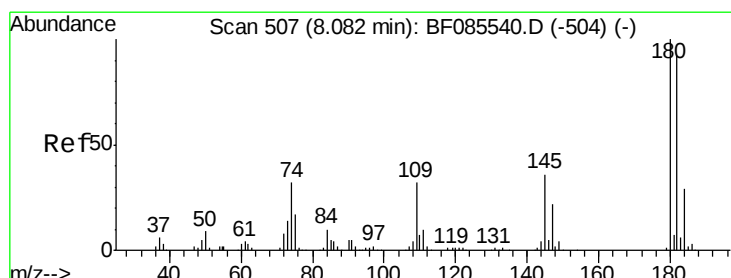
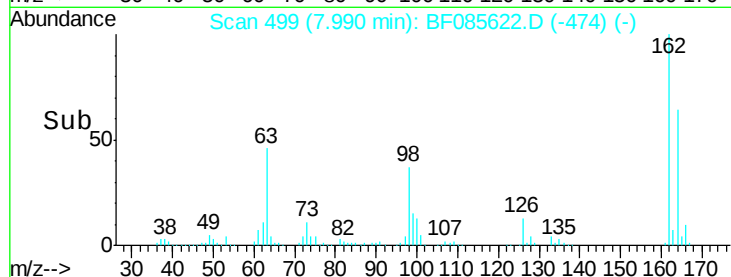
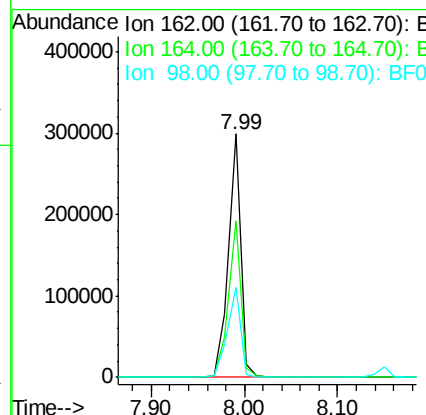
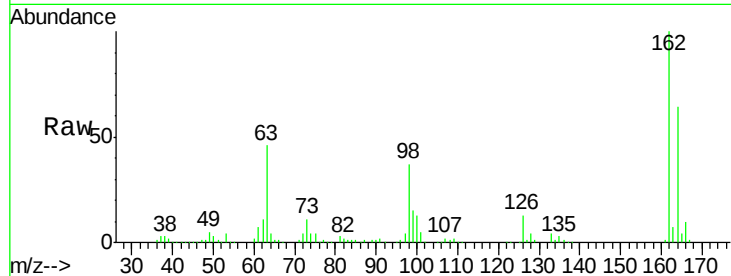
#29
2,4-Dichlorophenol
Concen: 40.11 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	276213		
164	64.5	43.7	83.7	
98	36.8	20.4	60.4	

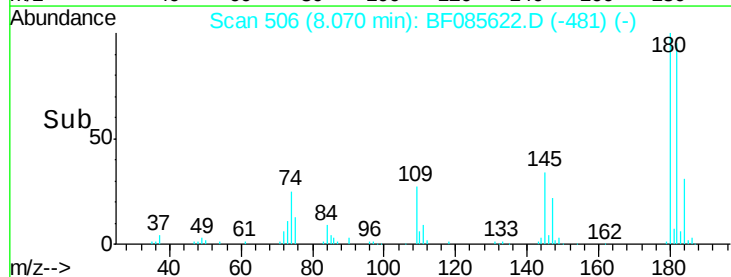
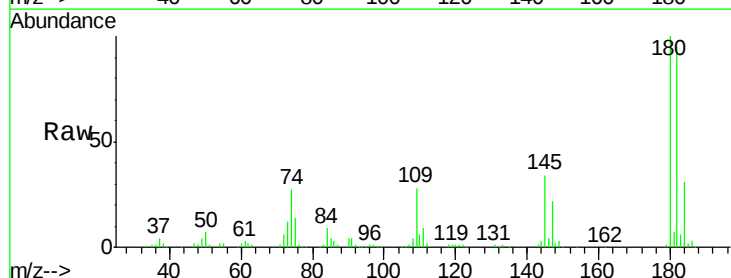
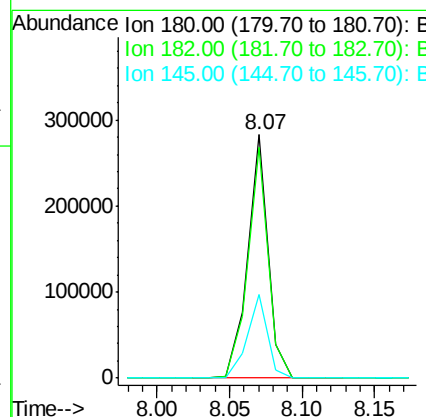
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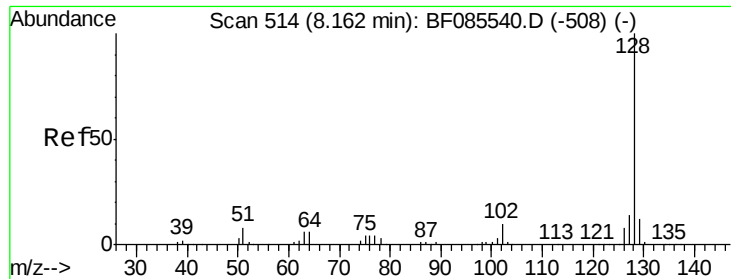
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#30
1,2,4-Trichlorobenzene
Concen: 35.61 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274668		
182	95.0	73.8	110.8	
145	34.3	28.4	42.6	





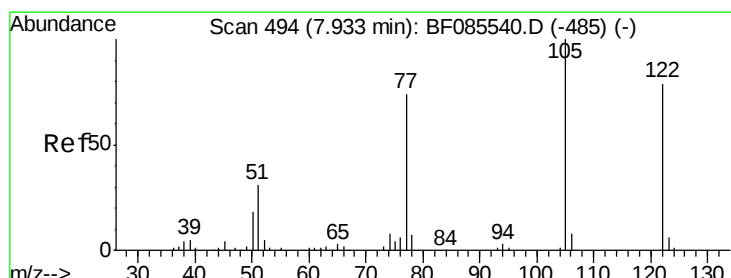
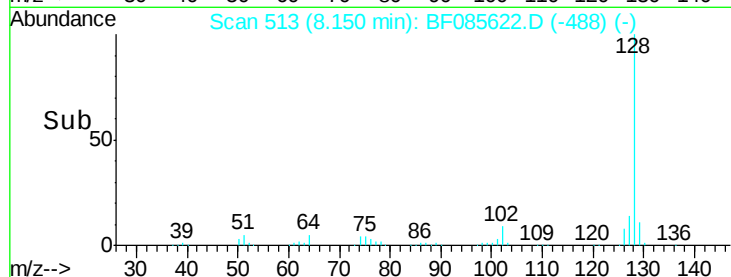
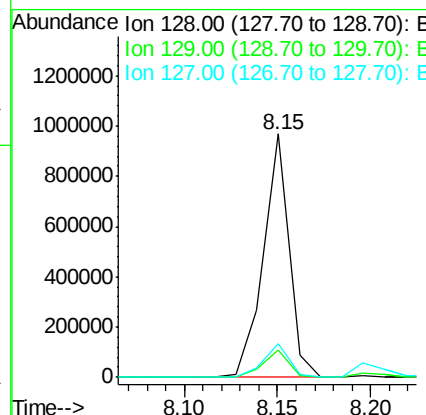
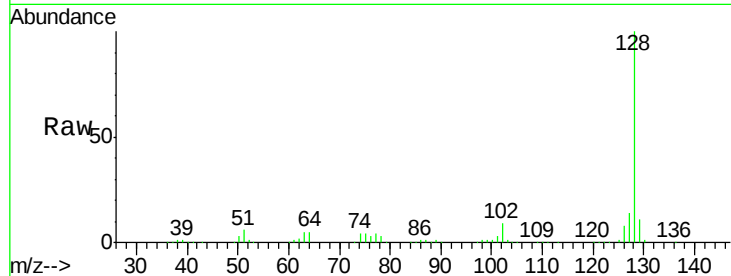
#31
Naphthalene
Concen: 35.95 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	9.4	14.0
127	13.7	11.0	16.6

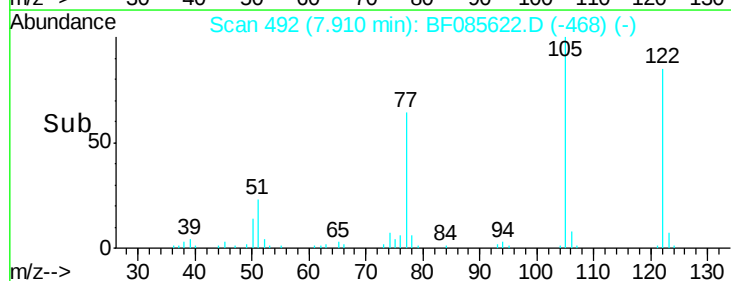
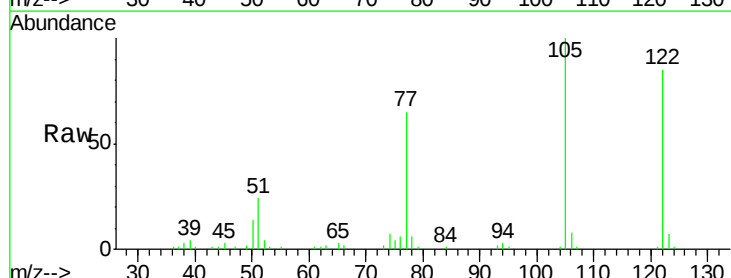
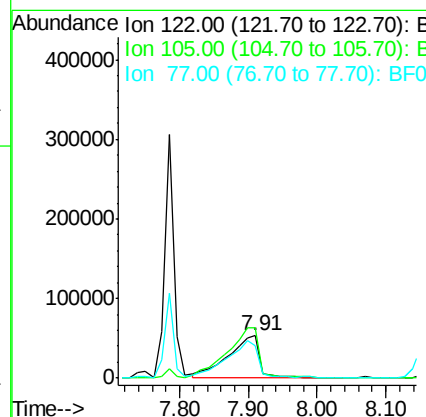
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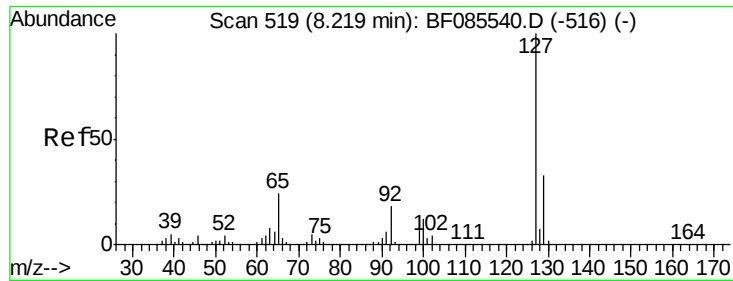
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#32
Benzoic acid
Concen: 24.56 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	117.9	102.9	142.9
77	76.1	71.8	111.8





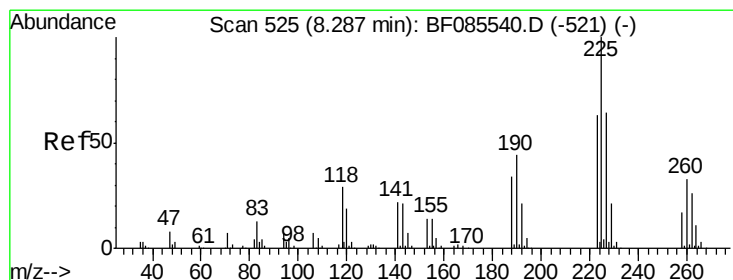
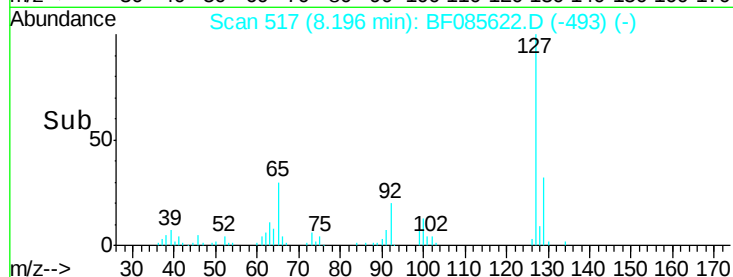
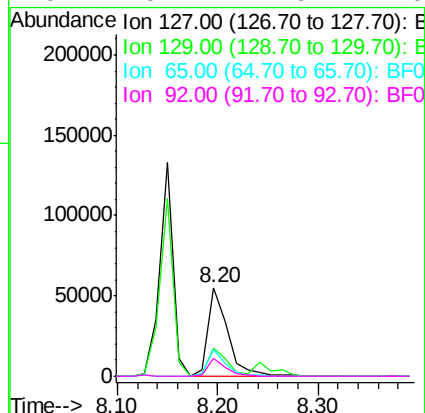
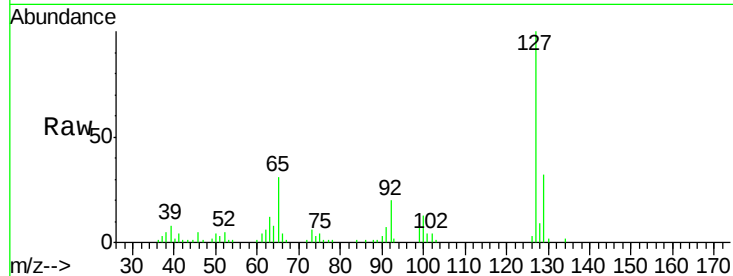
#33
4-Chloroaniline
Concen: 7.24 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.1	39.1	
65	30.9	19.5	29.3	
92	19.7	14.6	22.0	

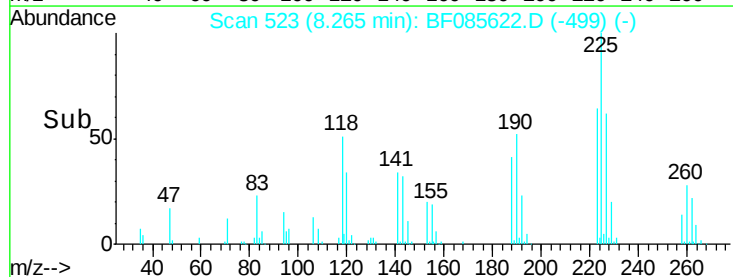
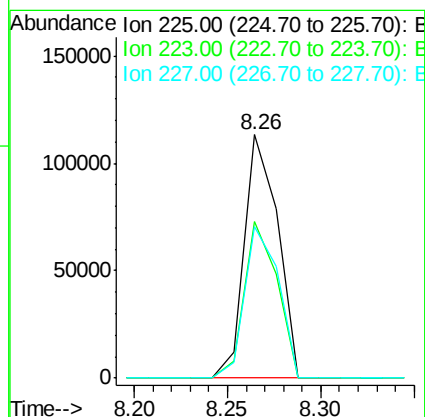
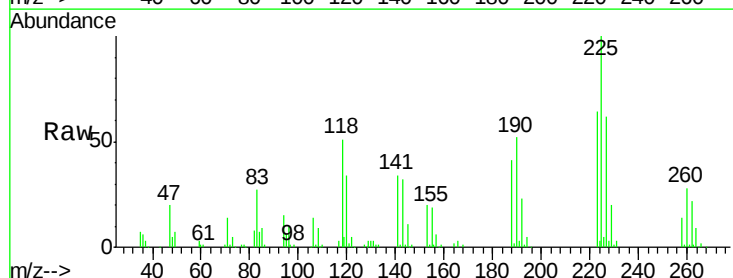
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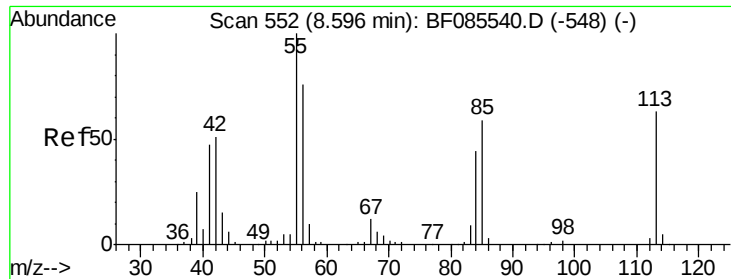
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#34
Hexachlorobutadiene
Concen: 34.15 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.4	75.6	
227	62.2	51.4	77.2	





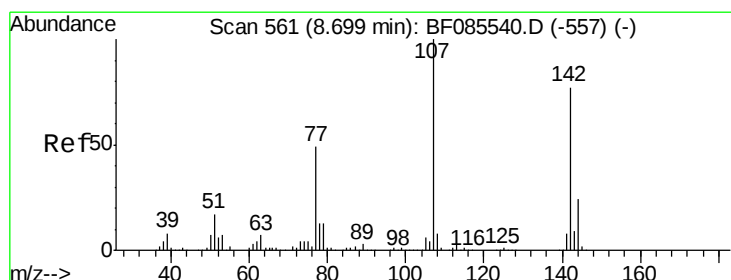
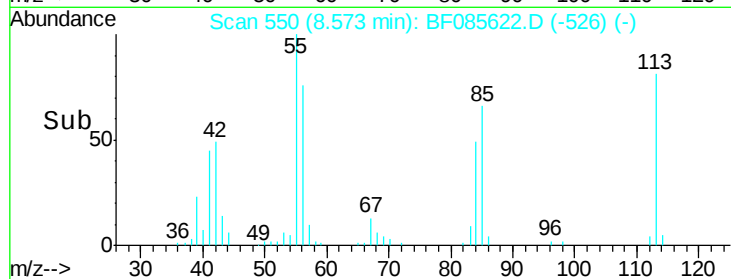
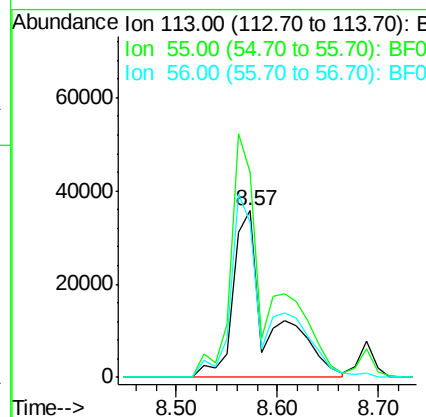
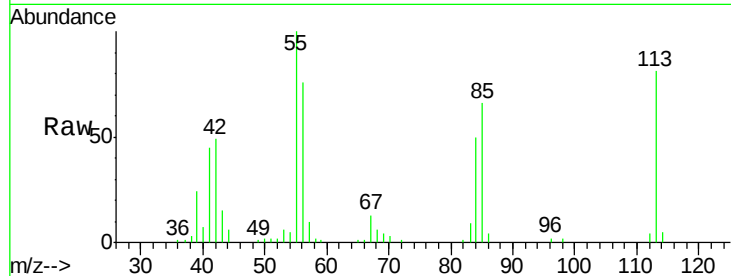
#35
 Caprolactam
 Concen: 37.91 ng m
 RT: 8.57 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion:113 Resp: 89840
 Ion Ratio Lower Upper
 113 100
 55 123.4 139.4 179.4#
 56 93.4 100.4 140.4#

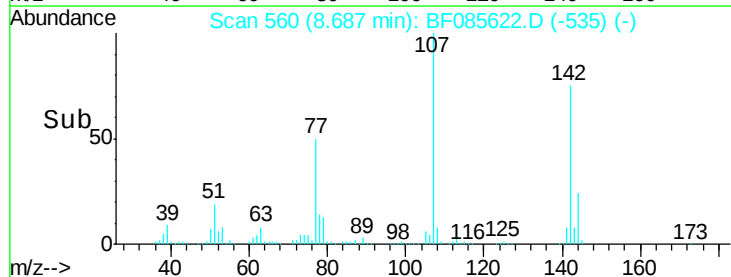
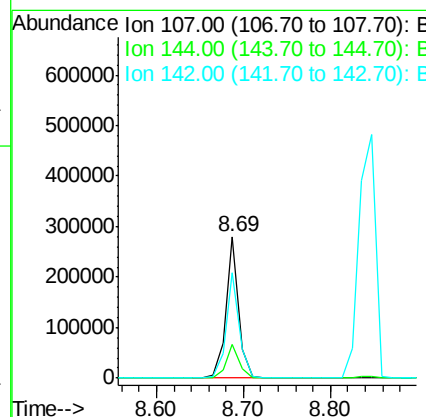
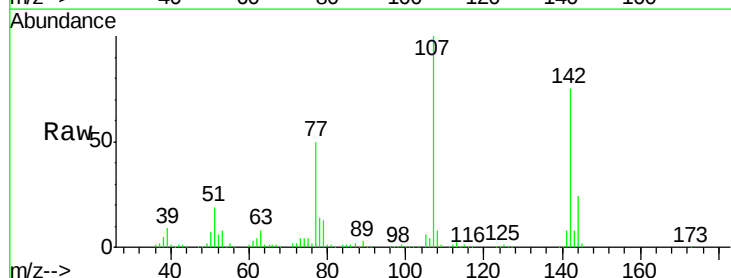
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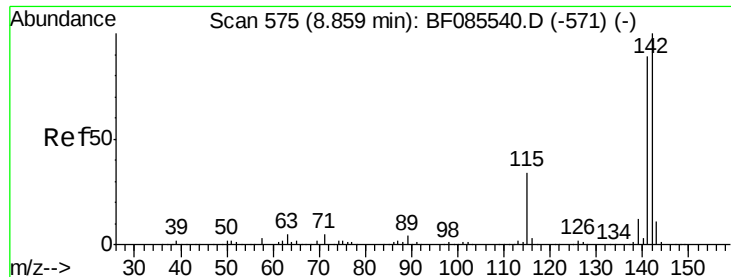
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#36
 4-Chloro-3-methylphenol
 Concen: 35.95 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion:107 Resp: 289164
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.6 61.4 92.0





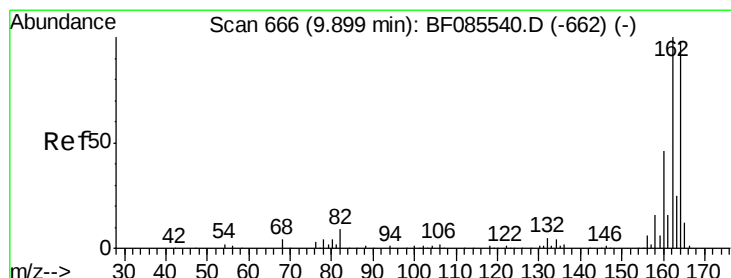
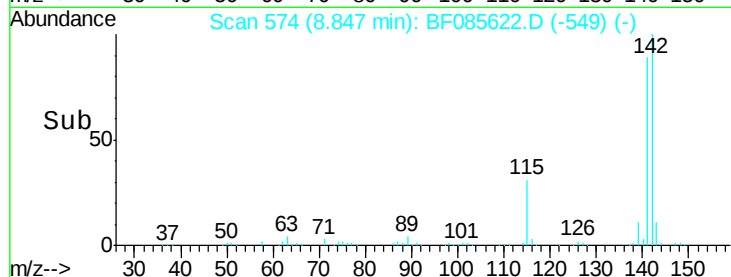
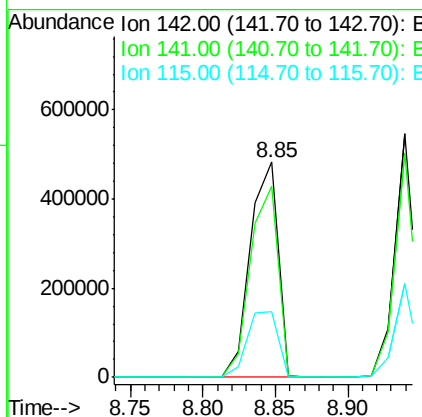
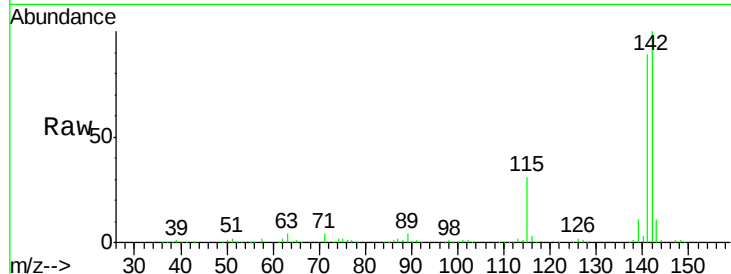
#37
 2-Methylnaphthalene
 Concen: 41.33 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	643445		
141	88.9	71.6	107.4	
115	30.7	26.8	40.2	

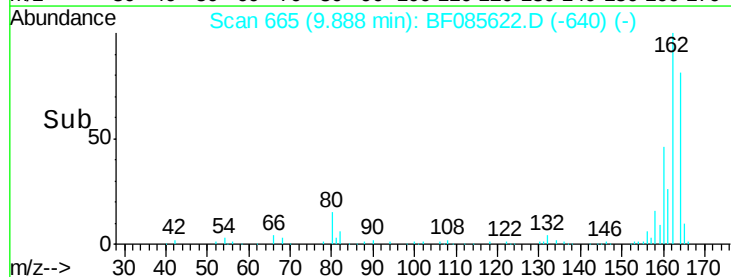
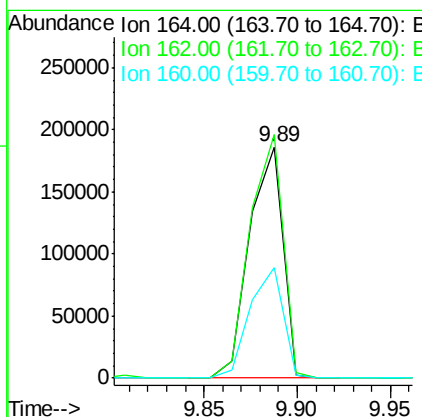
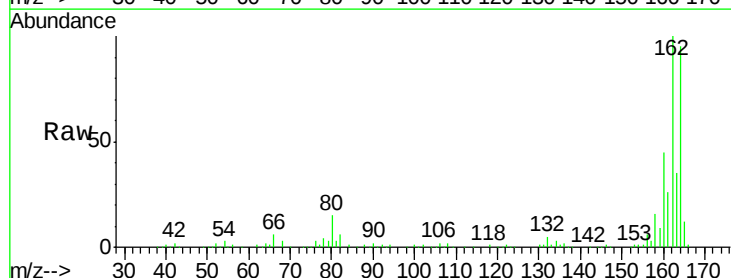
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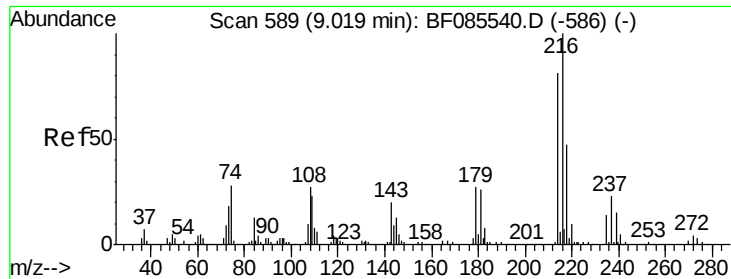
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231120		
162	105.4	82.1	123.1	
160	47.8	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.30 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085622.D

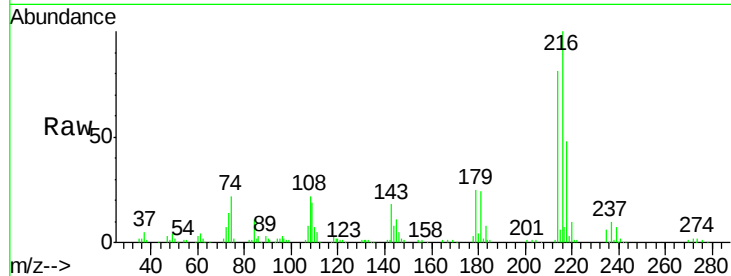
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

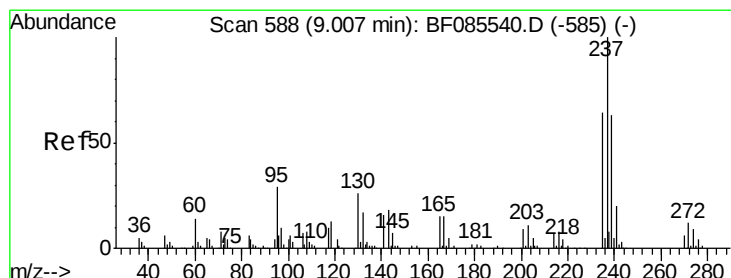
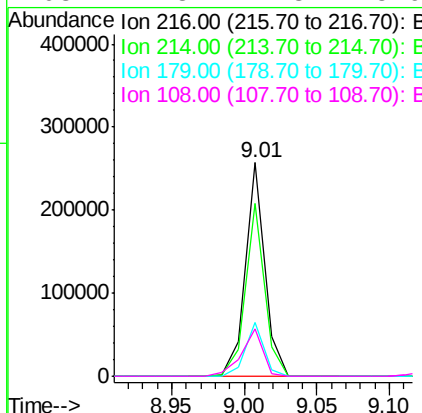
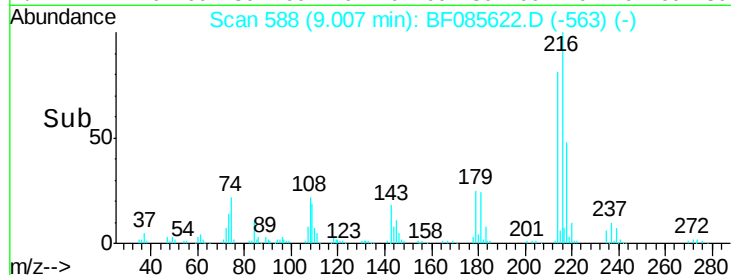
PB89047BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	240445		
214	79.6	63.1	94.7	
179	24.1	18.2	27.2	
108	24.8	17.3	25.9	

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#40

Hexachlorocyclopentadiene

Concen: 78.20 ng

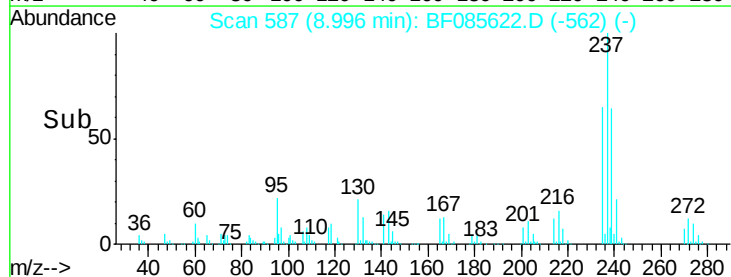
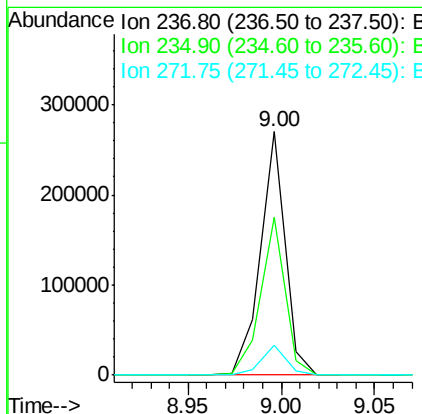
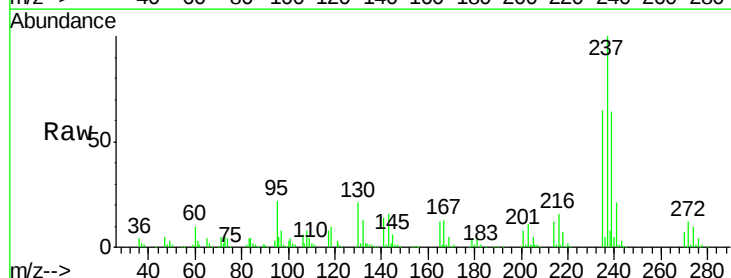
RT: 9.00 min Scan# 587

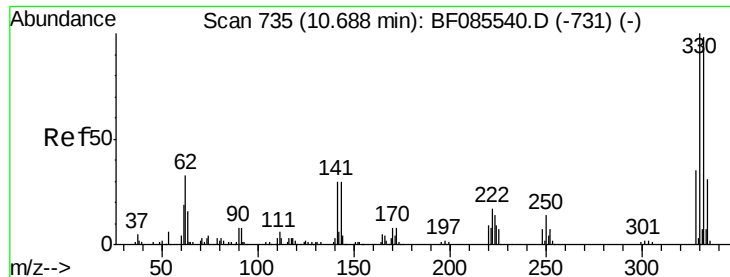
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	247105		
235	64.9	43.7	83.7	
272	12.5	0.0	31.9	





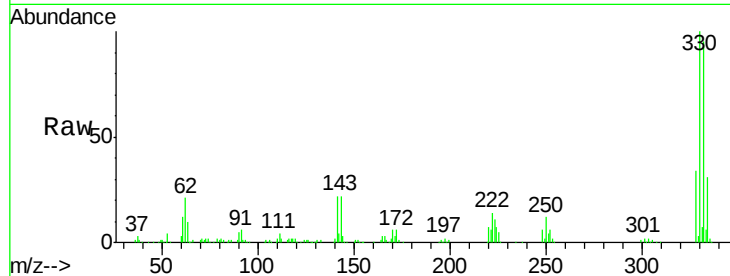
#41
 2,4,6-Tribromophenol
 Concen: 130.68 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

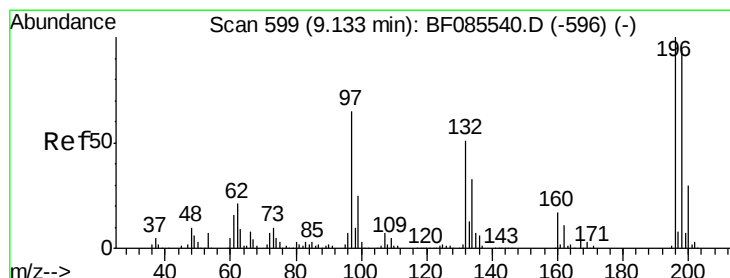
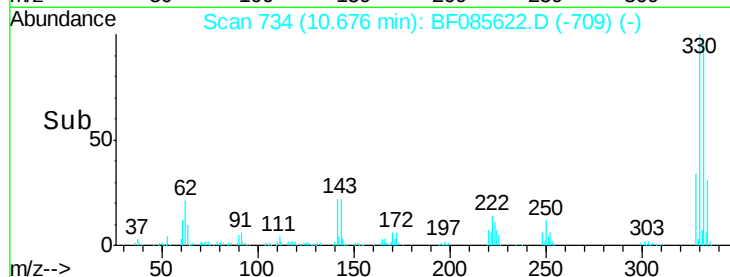
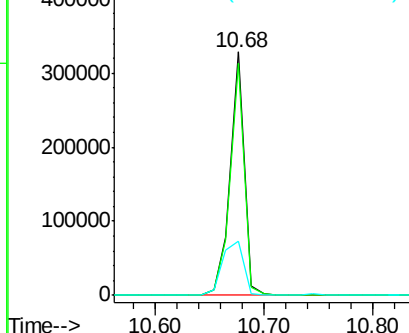
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	295855		
332	95.5	78.2	117.2	
141	33.4	31.5	47.3	

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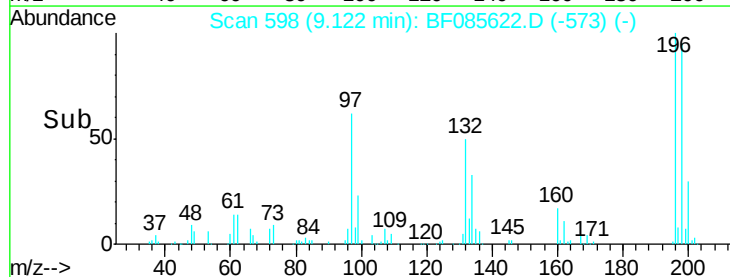
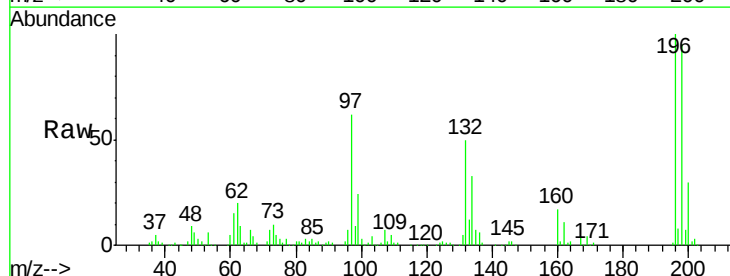
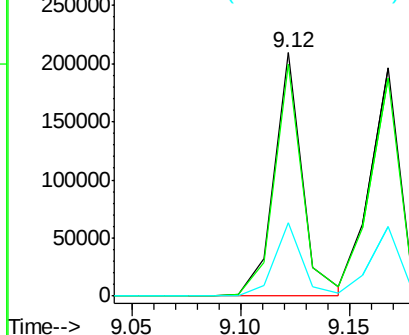
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

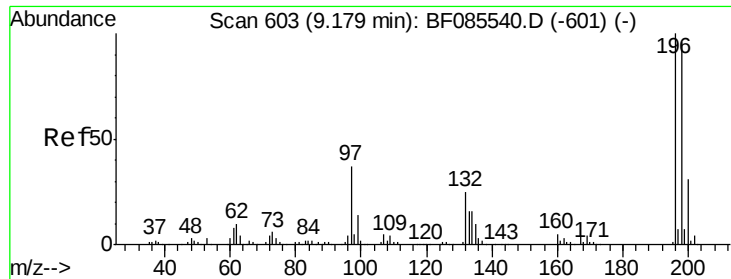


#42
 2,4,6-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189293		
198	95.1	75.3	112.9	
200	30.2	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





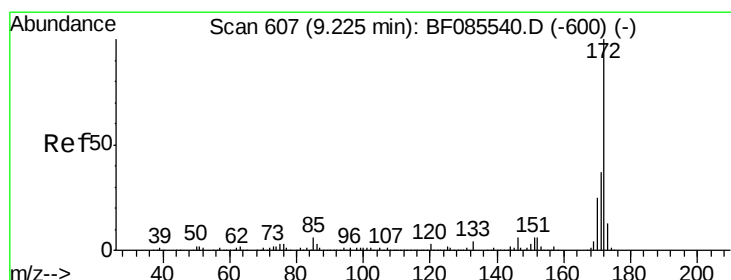
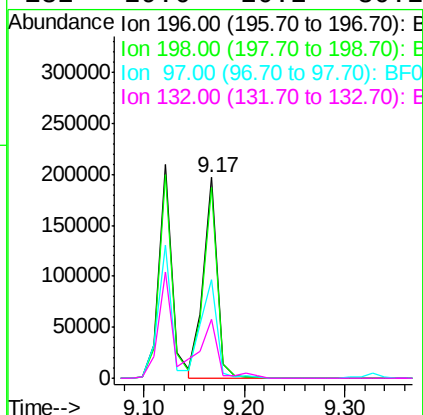
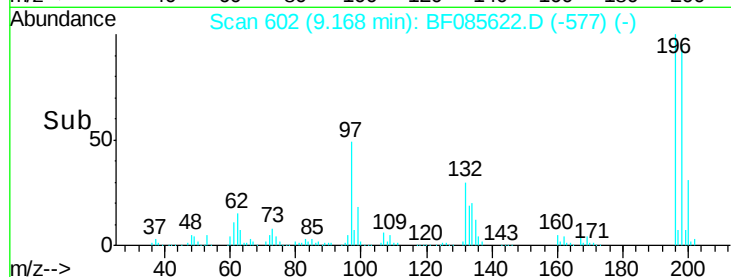
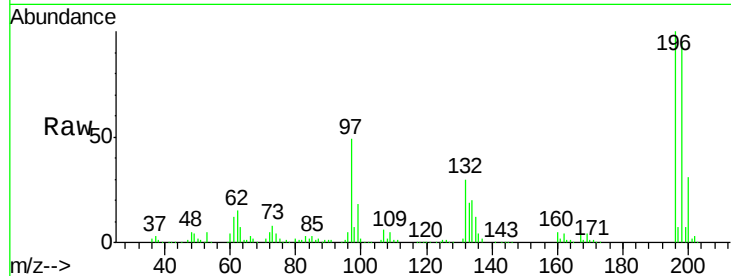
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191764		
198	95.2	76.6	114.8	
97	48.9	30.5	45.7	
132	29.6	20.2	30.2	

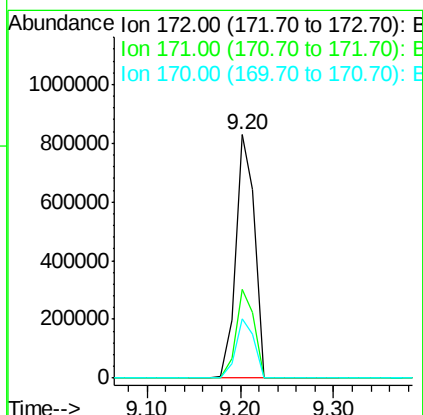
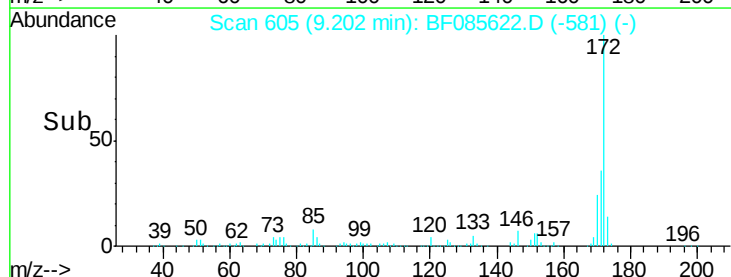
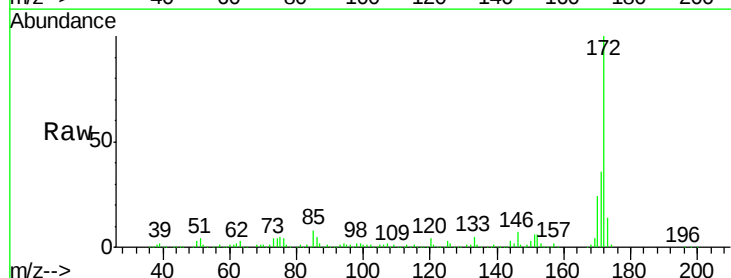
Manual Integrations
 APPROVED

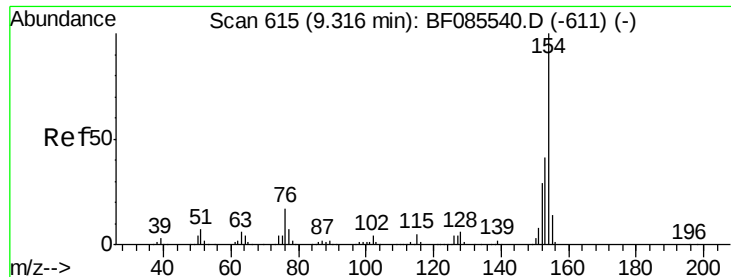
Sohil
 3/22/2016 5:33:30 PM



#44
 2-Fluorobiphenyl
 Concen: 85.41 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1155782		
171	36.5	29.4	44.2	
170	24.3	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 33.78 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

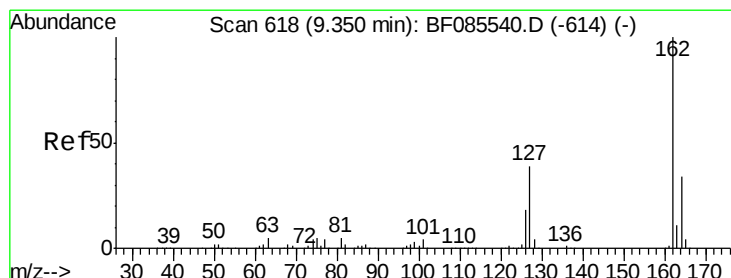
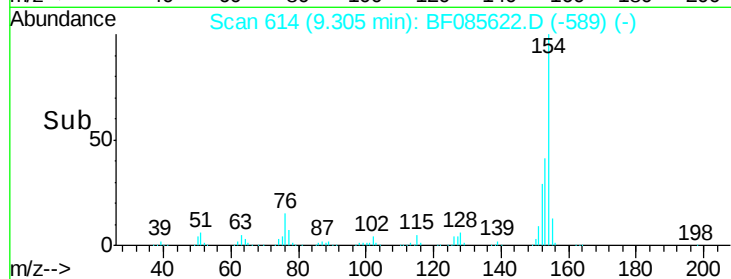
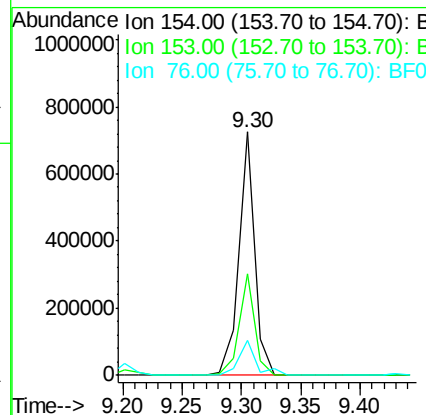
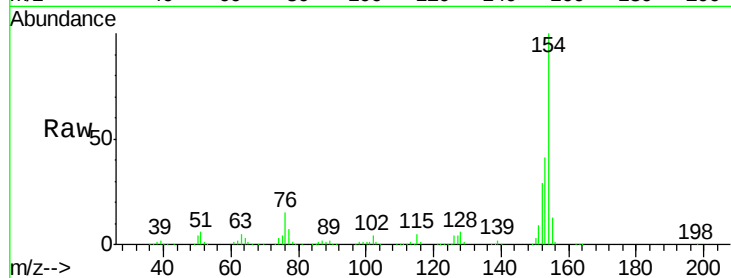
ClientSampled :

PB89047BS

Tgt Ion:	154	Resp:	673474
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.8	60.8
76	14.5	0.0	36.7

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3/22/2016 5:33:30 PM



#46

2-Chloronaphthalene

Concen: 36.24 ng

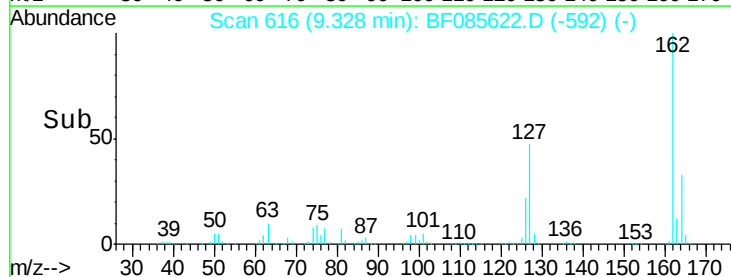
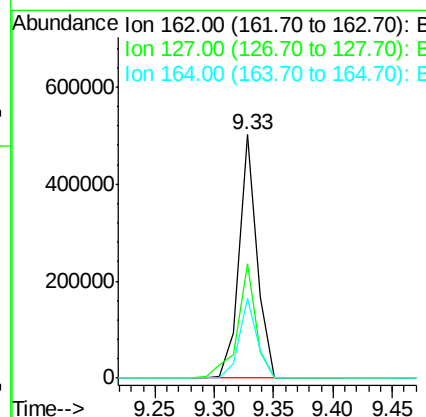
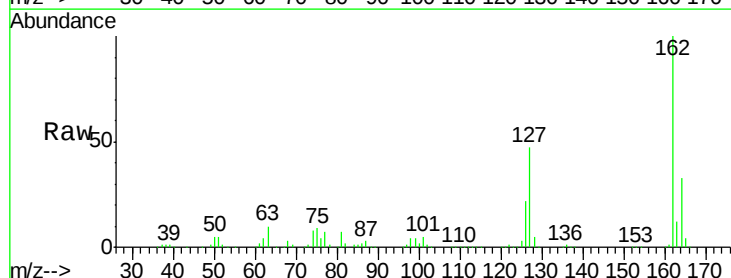
RT: 9.33 min Scan# 616

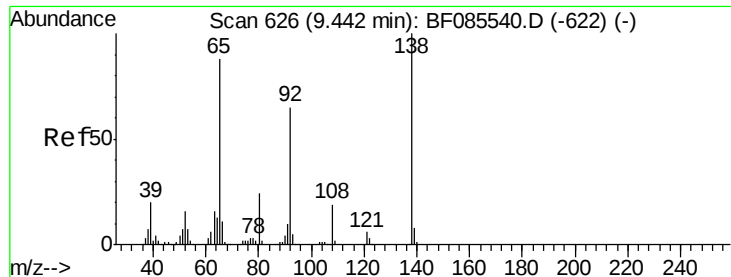
Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	162	Resp:	527724
Ion Ratio	Lower	Upper	
162	100		
127	46.9	31.7	47.5
164	32.5	27.3	40.9





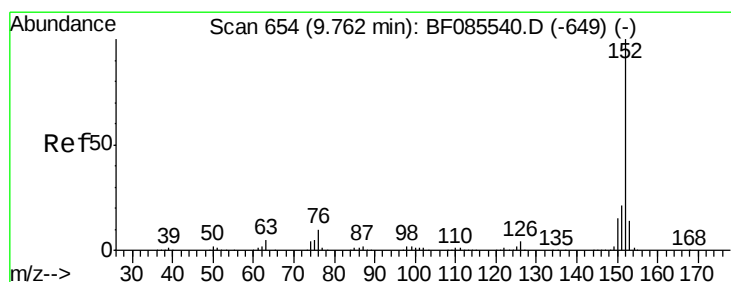
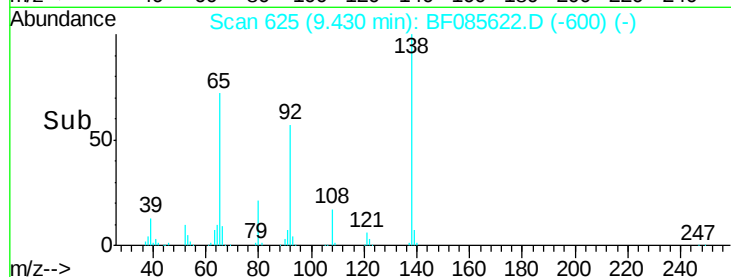
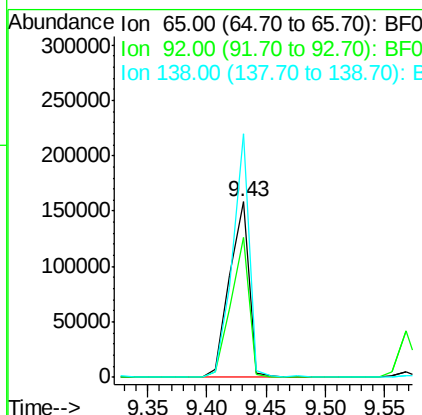
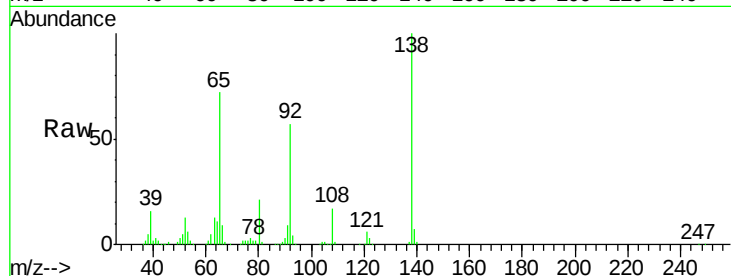
#47
2-Nitroaniline
Concen: 41.02 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.8	59.7	89.5
138	138.9	91.4	137.0#

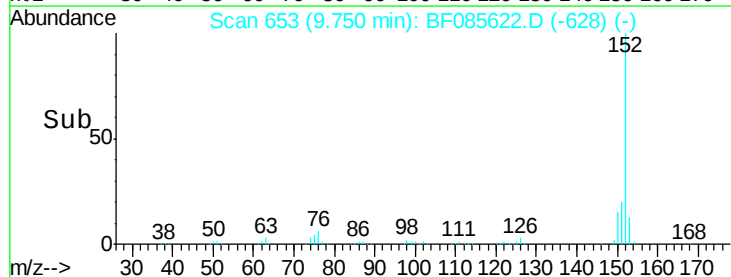
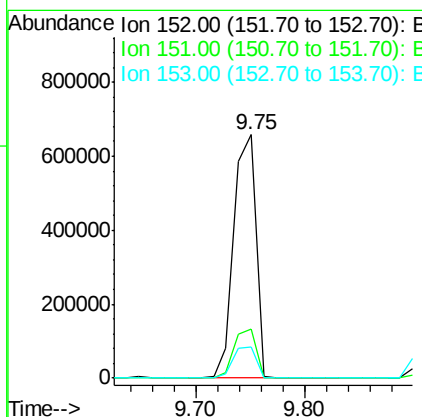
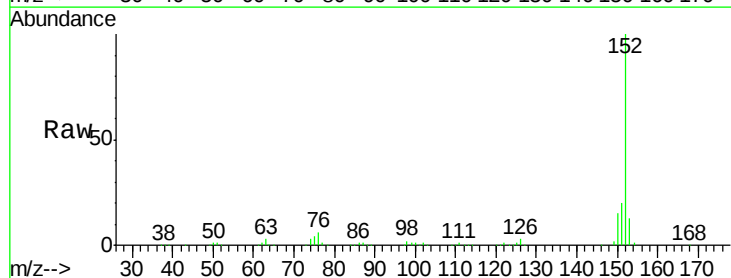
Manual Integrations
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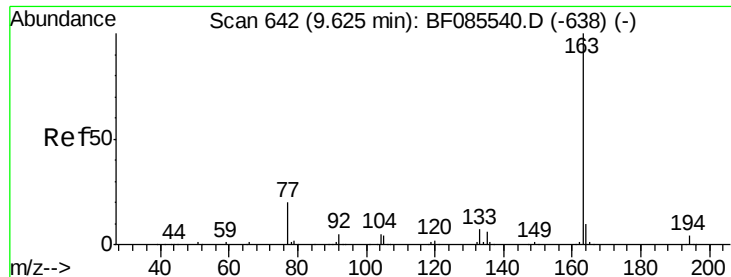
Sohil
3/22/2016 5:33:30 PM



#48
Acenaphthylene
Concen: 38.81 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.9	10.9	16.3





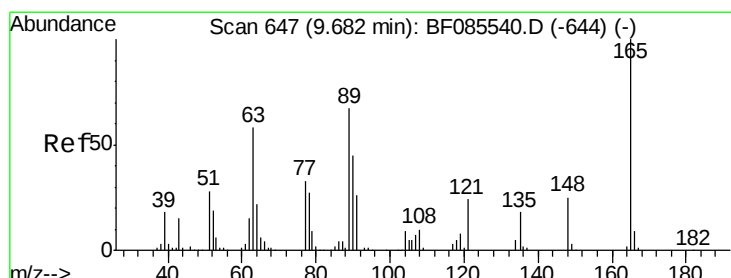
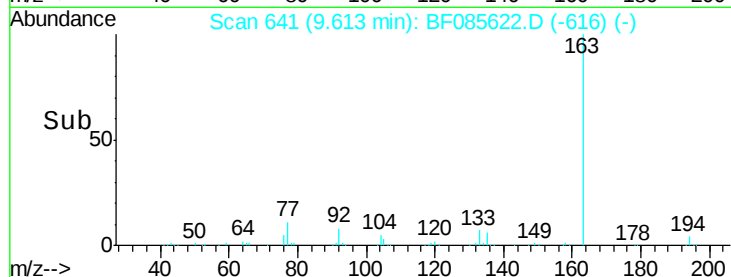
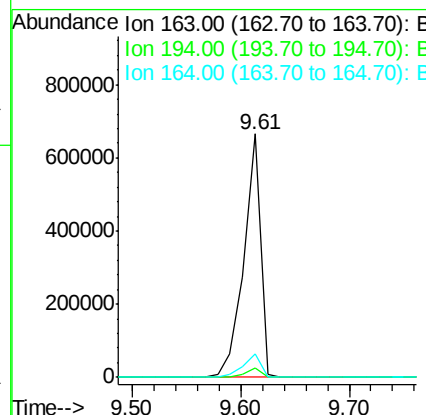
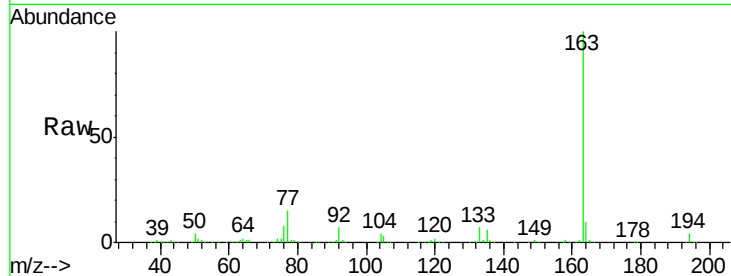
#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	700593		
194	3.7		2.9	4.3
164	9.7		8.3	12.5

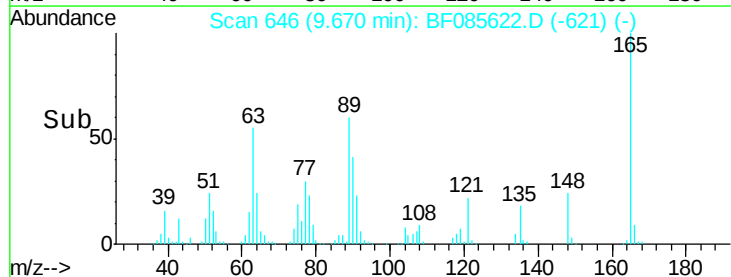
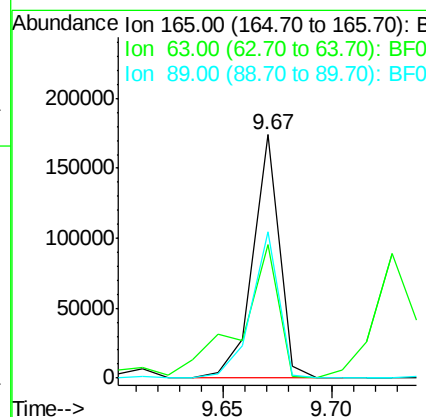
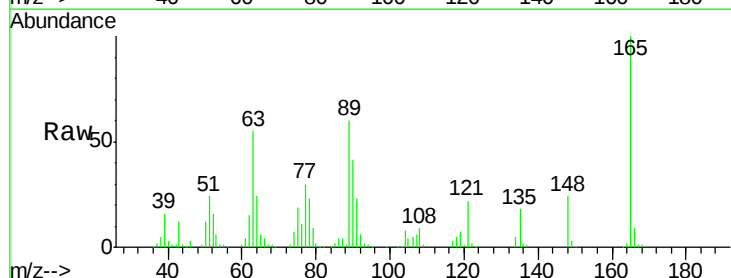
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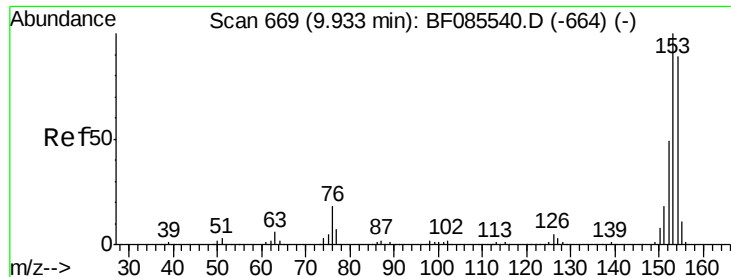
Sohil
3/22/2016 5:33:30 PM



#50
2,6-Dinitrotoluene
Concen: 39.87 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146798		
63	54.9		51.8	77.8
89	60.0		53.7	80.5





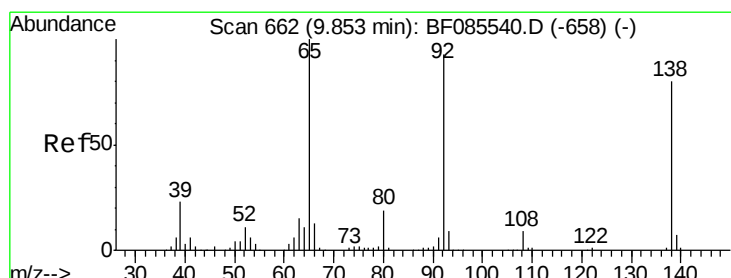
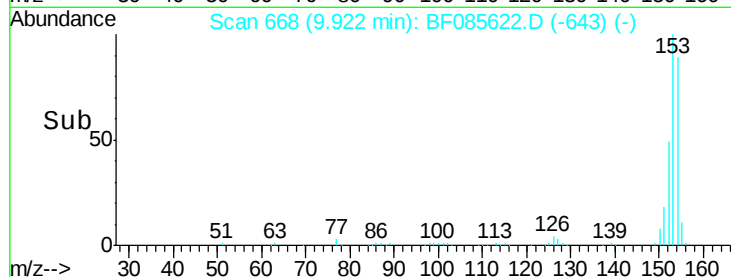
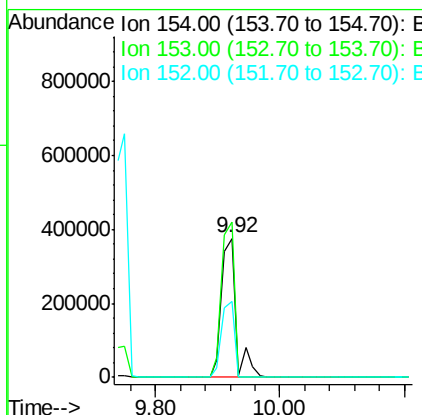
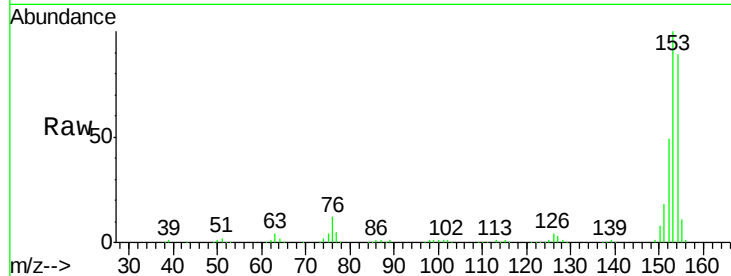
#51
Acenaphthene
Concen: 41.41 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion:154 Resp: 612472
Ion Ratio Lower Upper
154 100
153 112.0 90.1 135.1
152 54.8 44.2 66.2

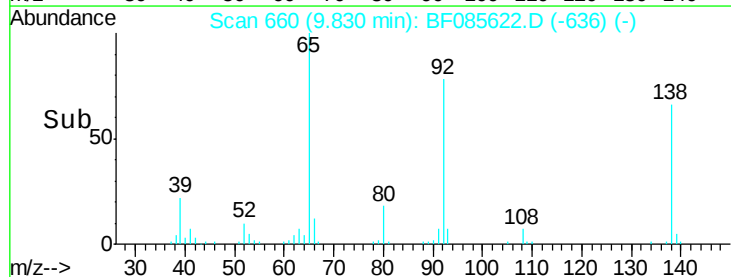
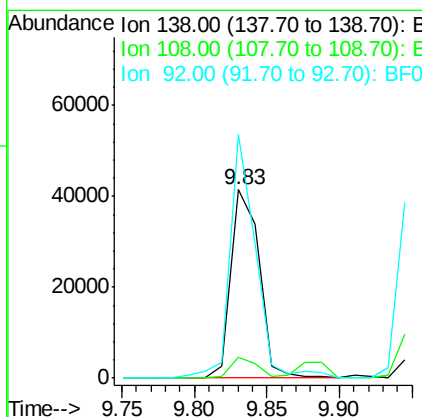
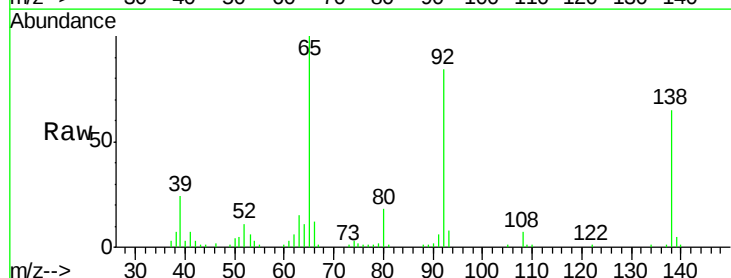
Manual Integrations
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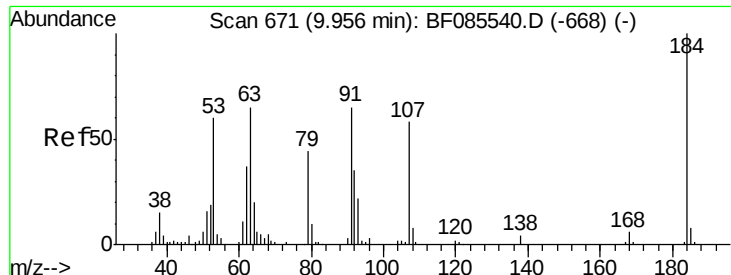
Sohil
3/22/2016 5:33:30 PM



#52
3-Nitroaniline
Concen: 12.25 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion:138 Resp: 56476
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 129.2 93.3 139.9





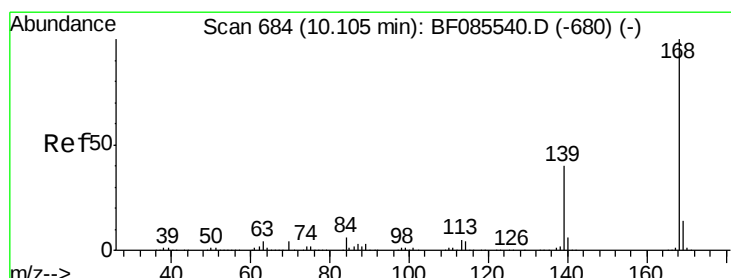
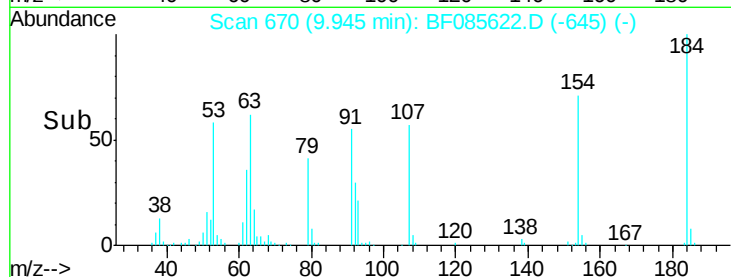
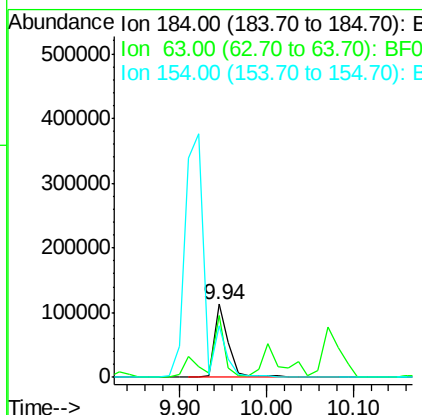
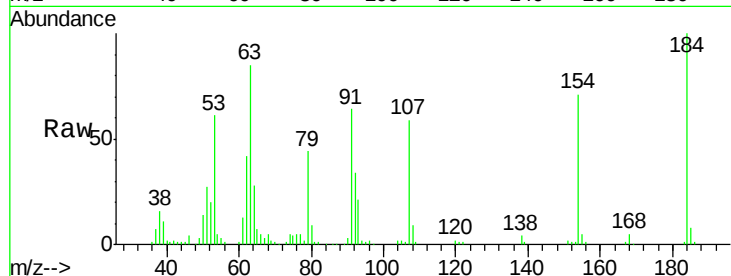
#53
2,4-Dinitrophenol
Concen: 57.45 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampled :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129572		
63	85.5	69.5	104.3	
154	70.7	58.3	87.5	

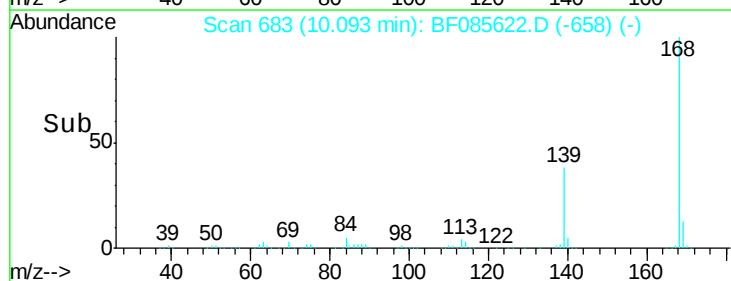
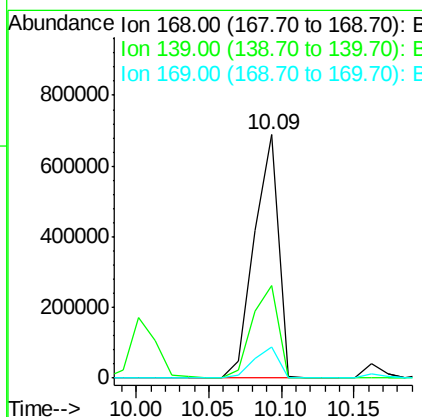
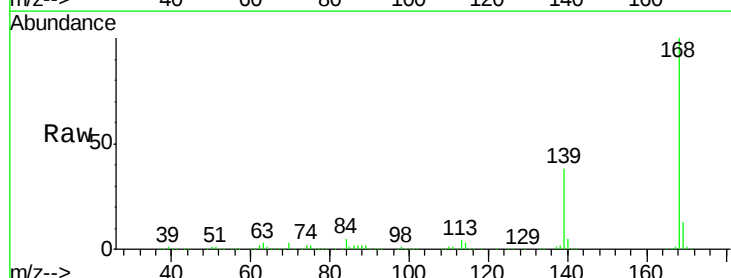
Manual Integrations
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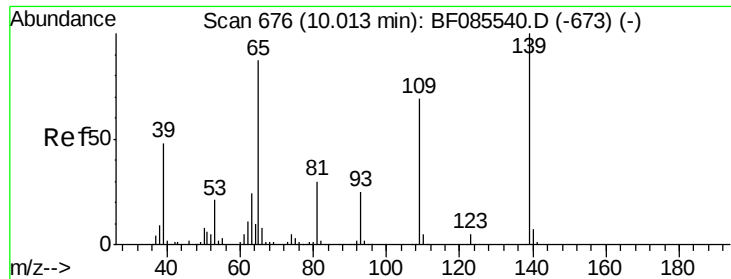
Sohil
3/22/2016 5:33:30 PM



#54
Dibenzofuran
Concen: 44.35 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	798833		
139	37.8	31.9	47.9	
169	12.9	11.0	16.6	





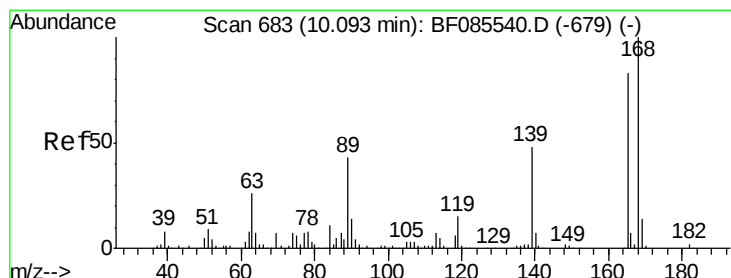
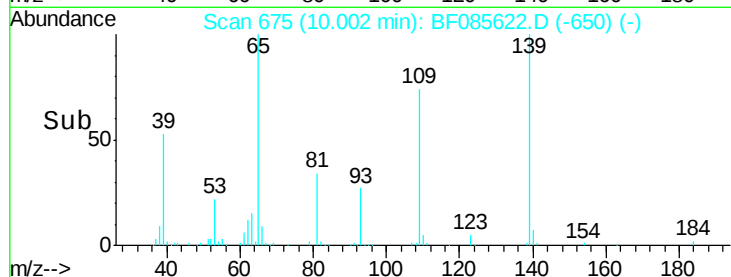
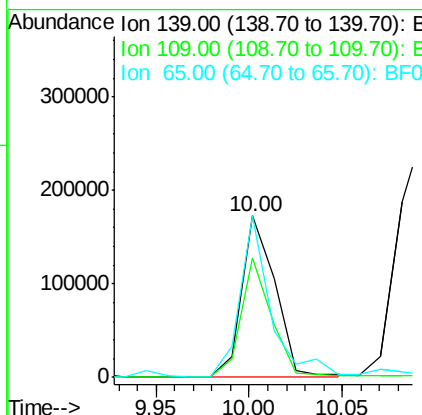
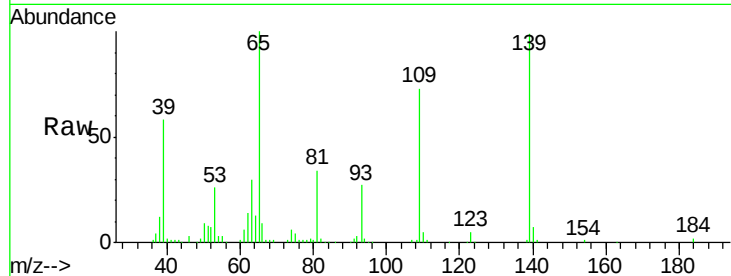
#55
4-Nitrophenol
Concen: 60.67 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	216213		
109	73.8	49.2	89.2	
65	100.5	66.9	106.9	

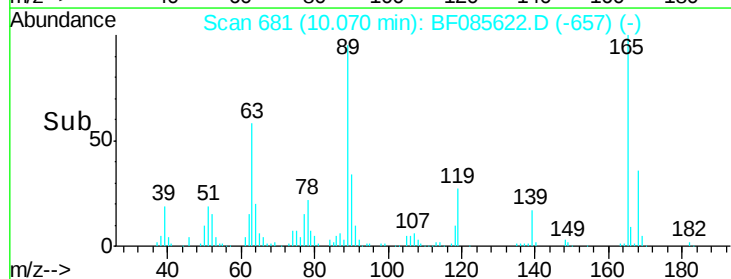
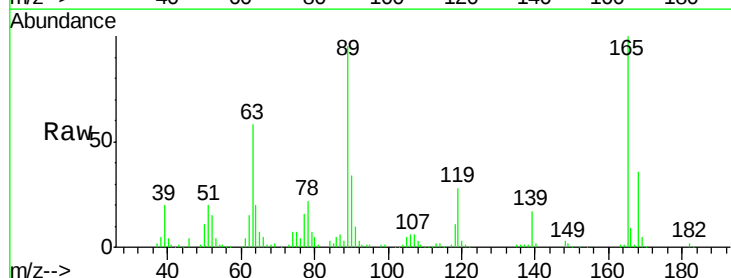
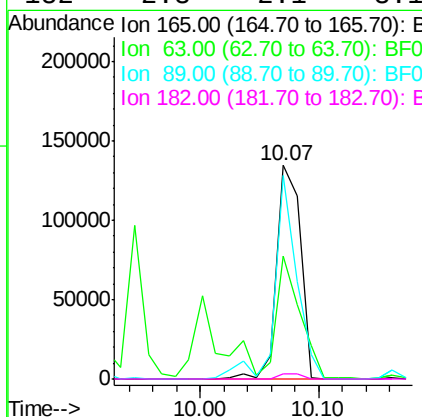
Manual Integrations
APPROVED

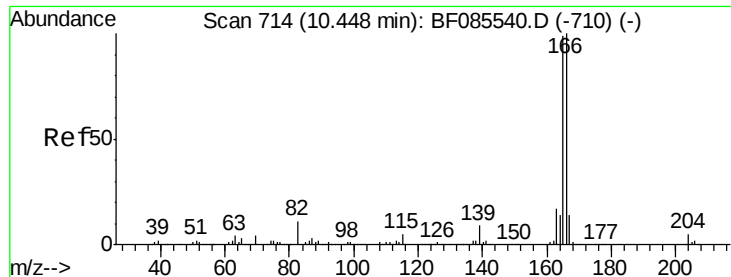
Sohil
3/22/2016 5:33:30 PM



#56
2,4-Dinitrotoluene
Concen: 38.47 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	185440		
63	57.8	24.9	37.3#	
89	95.4	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 38.49 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

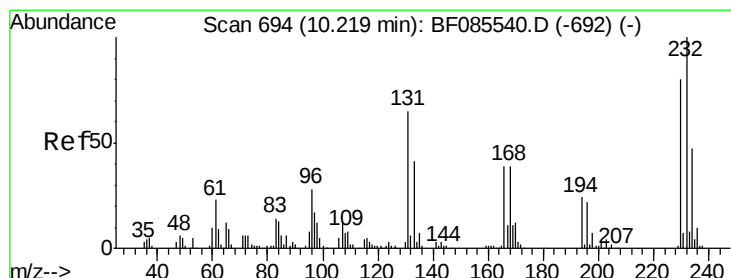
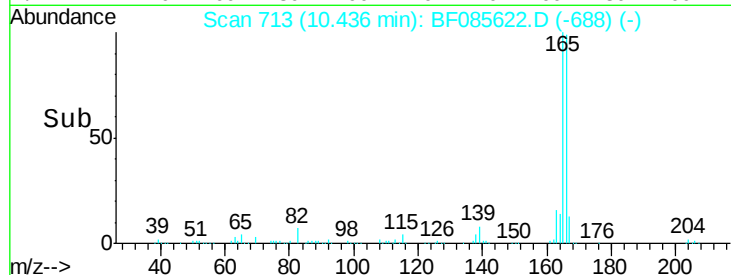
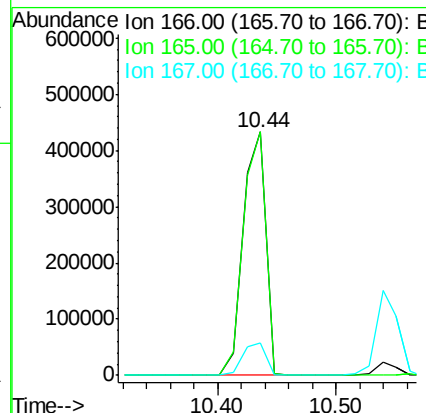
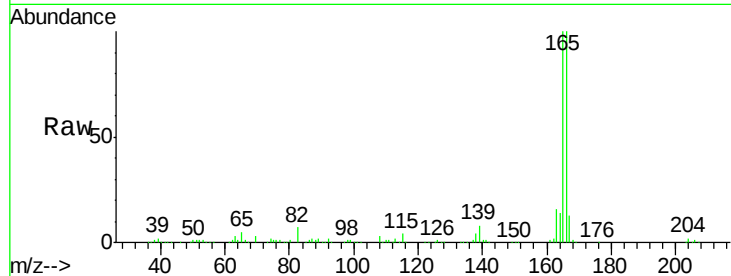
ClientSampleId :

PB89047BS

Tgt	Ion	Resp	Lower	Upper
166	100			
165	99.9	79.4	119.0	
167	13.1	11.0	16.4	

Manual Integrations
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Sohil
3/22/2016 5:33:30 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.95 ng

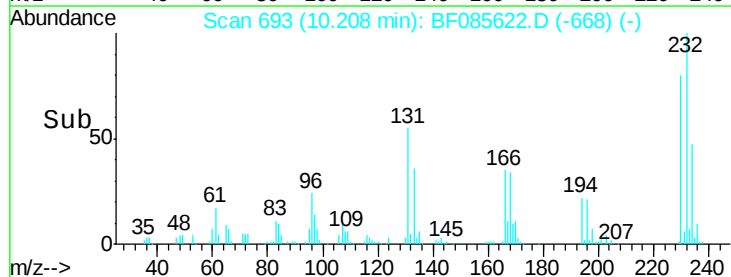
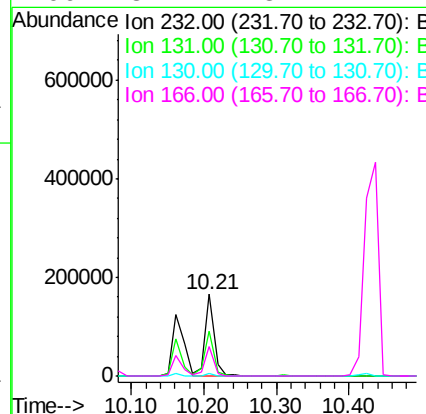
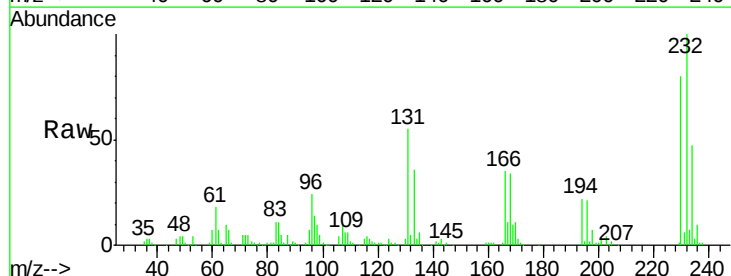
RT: 10.21 min Scan# 693

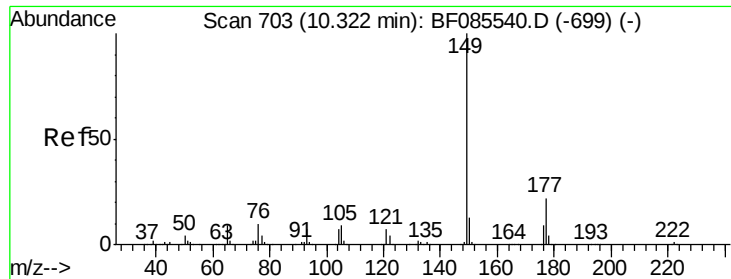
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt	Ion	Resp	Lower	Upper
232	100			
131	54.7	44.9	67.3	
130	2.7	2.3	3.5	
166	34.2	28.1	42.1	





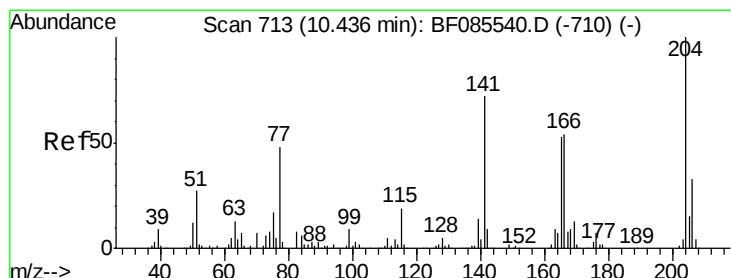
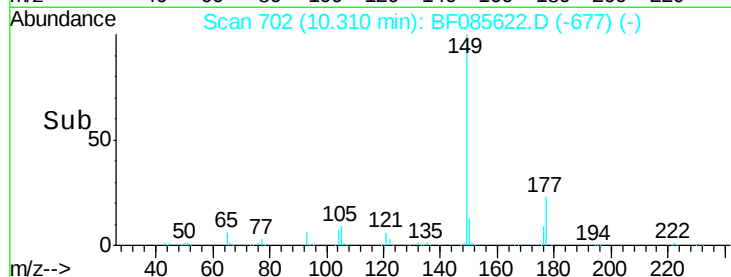
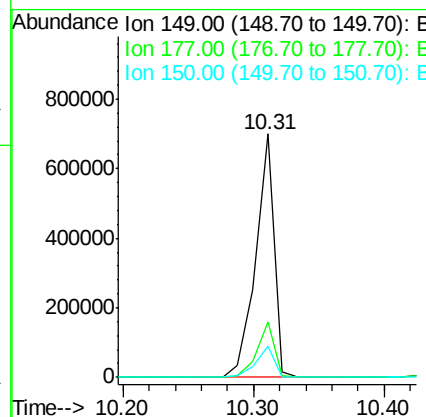
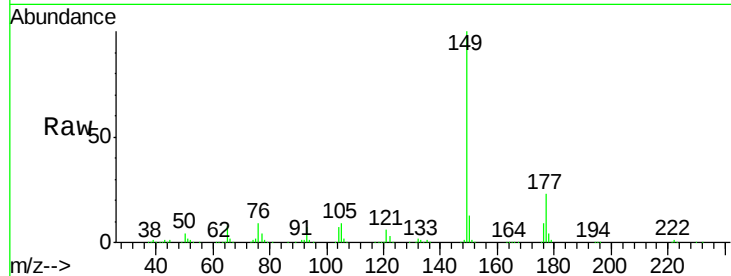
#59
Diethylphthalate
Concen: 39.64 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.8	17.9	26.9
150	12.6	10.2	15.2

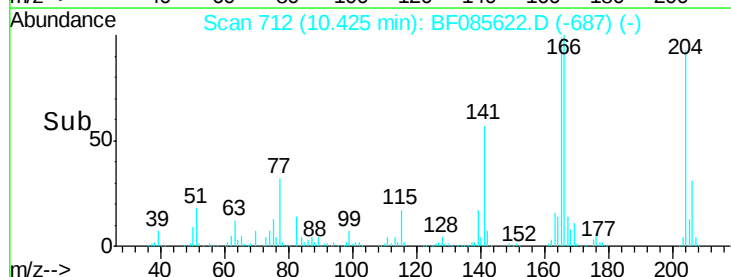
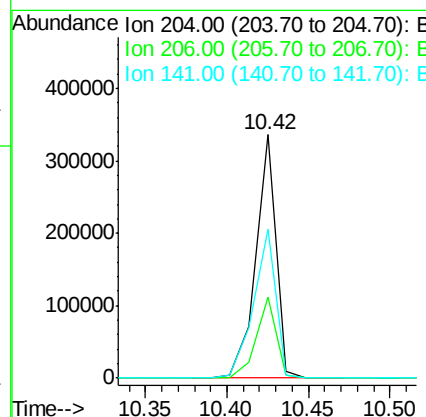
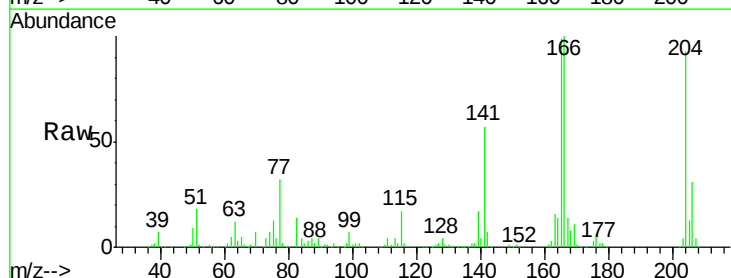
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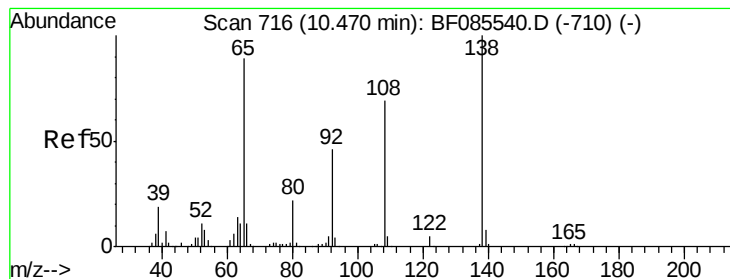
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.49 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.3	26.6	39.8
141	61.1	57.4	86.0





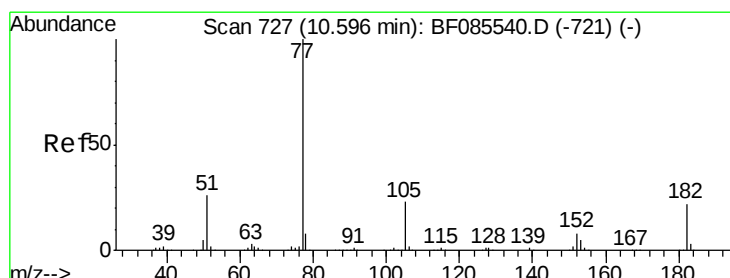
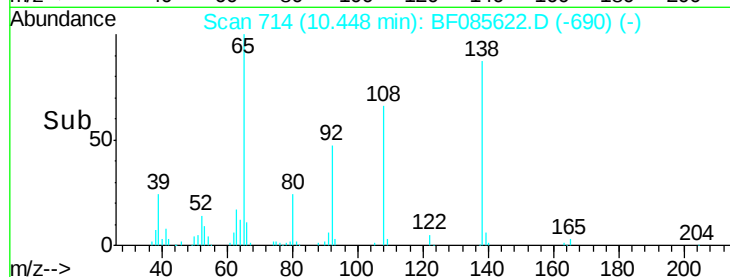
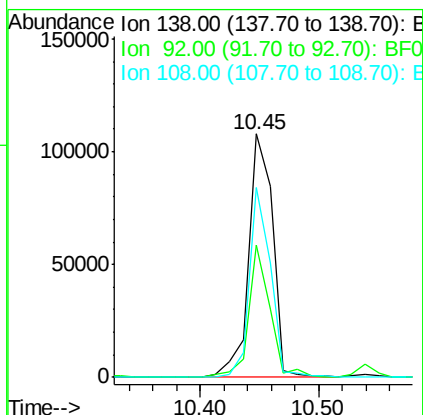
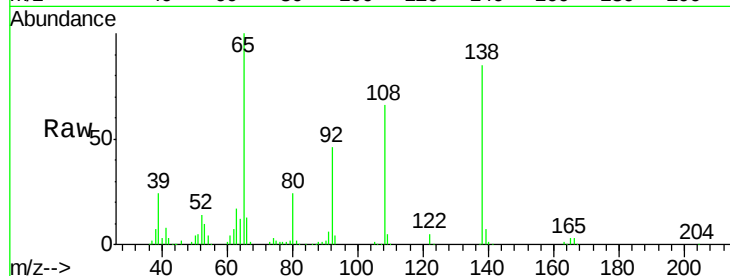
#61
4-Nitroaniline
Concen: 33.65 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	152951		
92	54.1	26.4	66.4	
108	78.0	49.0	89.0	

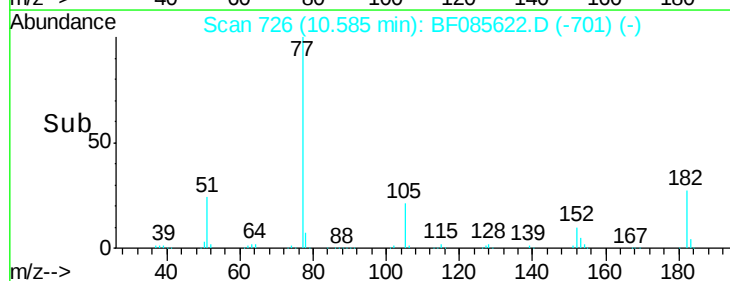
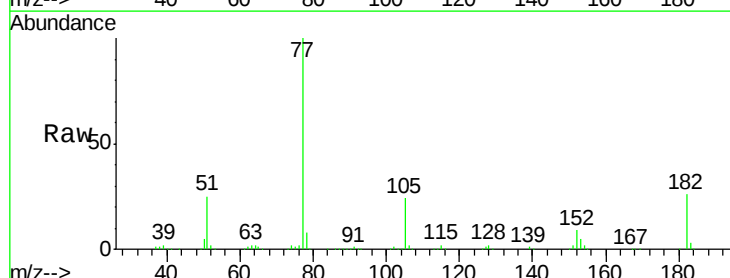
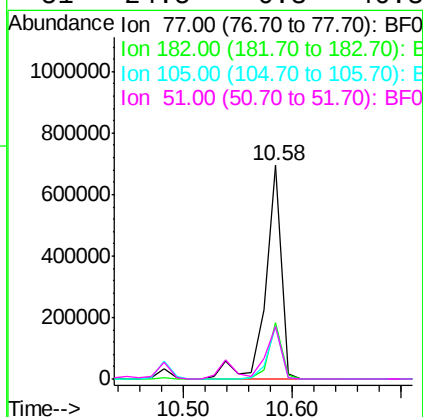
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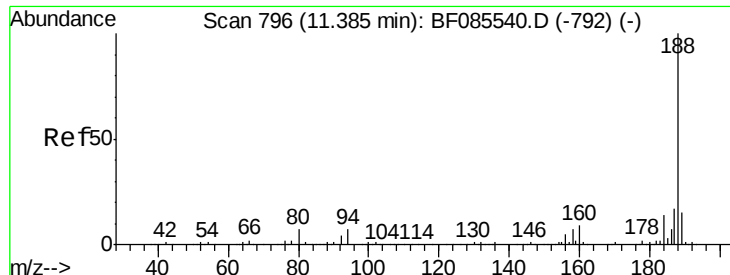
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3/22/2016 5:33:30 PM



#62
Azobenzene
Concen: 42.97 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	715021		
182	26.1	1.9	41.9	
105	24.3	3.5	43.5	
51	24.5	6.3	46.3	





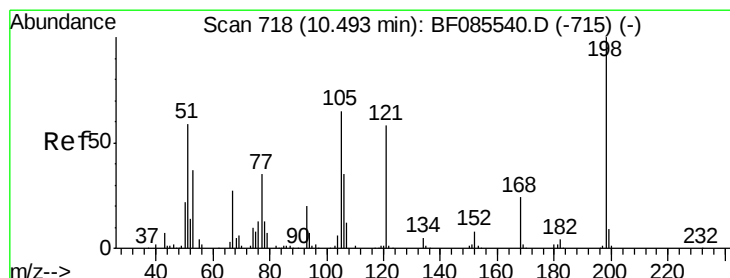
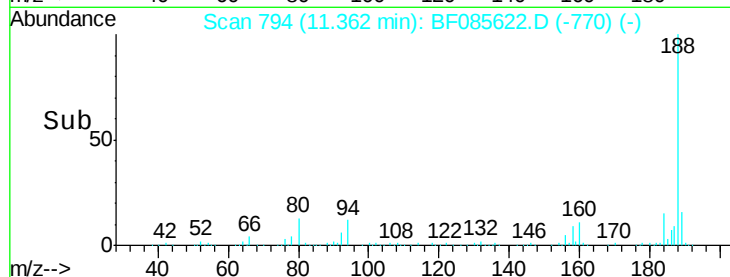
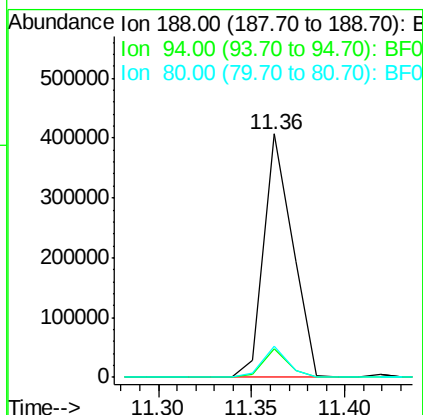
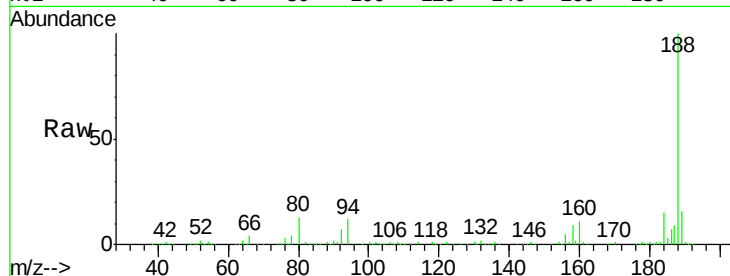
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	5.4	8.0#
80	12.8	5.5	8.3#

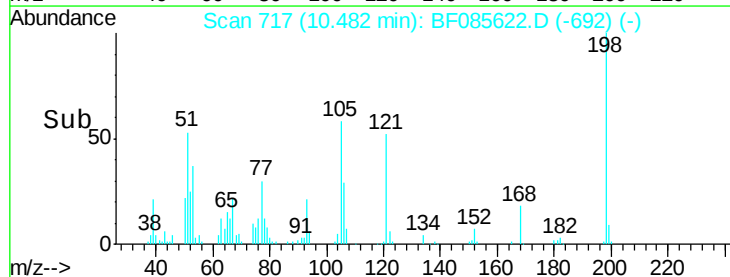
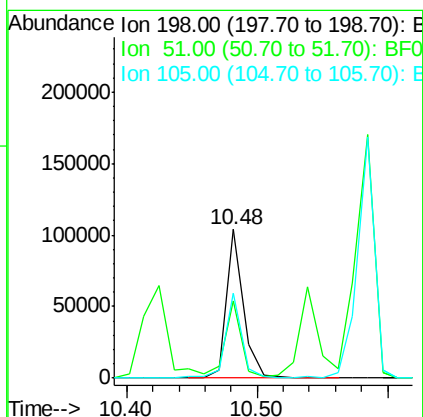
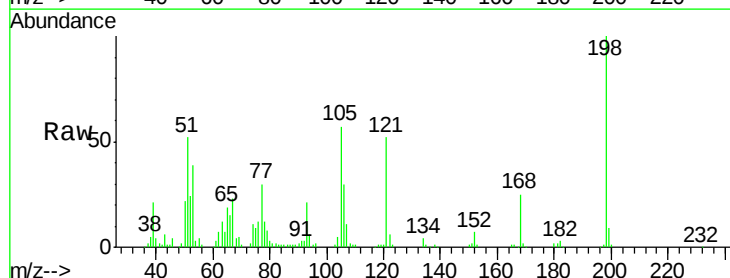
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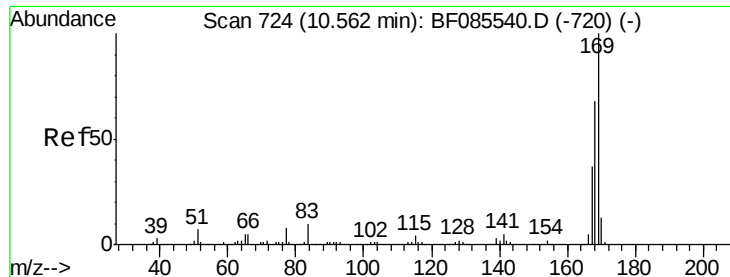
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.67 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.3	45.4	85.4
105	57.4	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 38.59 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

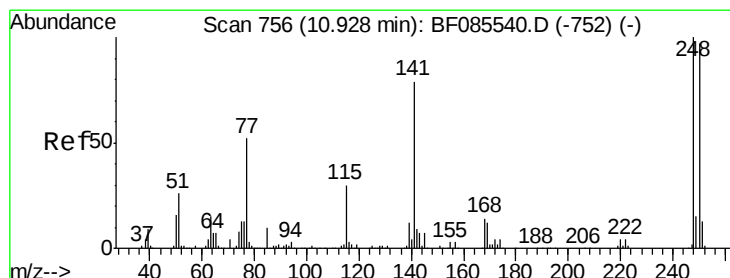
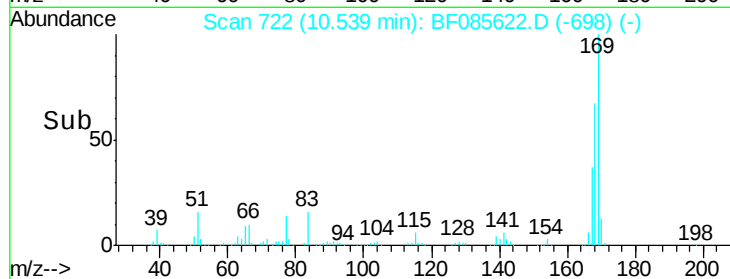
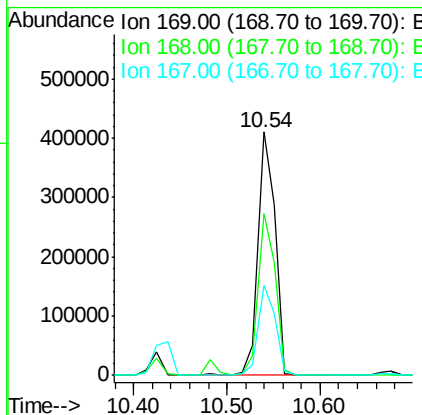
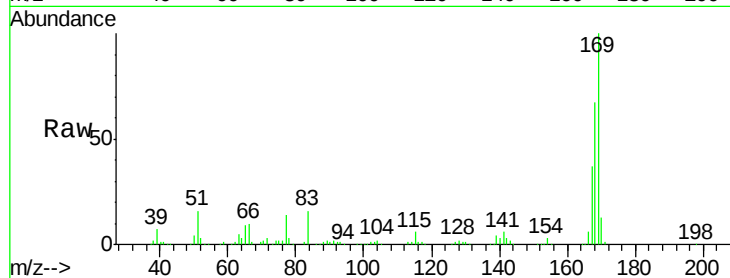
ClientSampleId :

PB89047BS

Tgt Ion:	169	Resp:	523352
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.4	81.6
167	37.0	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 40.23 ng

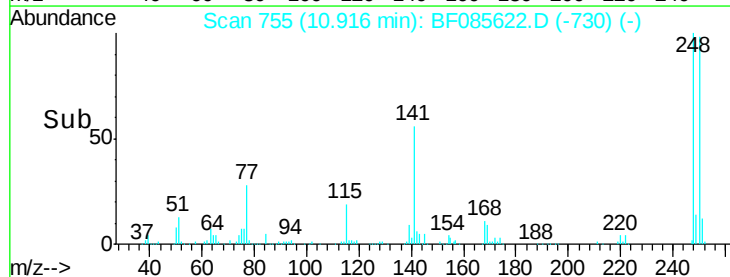
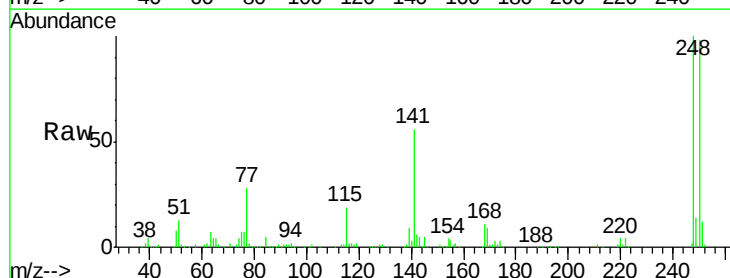
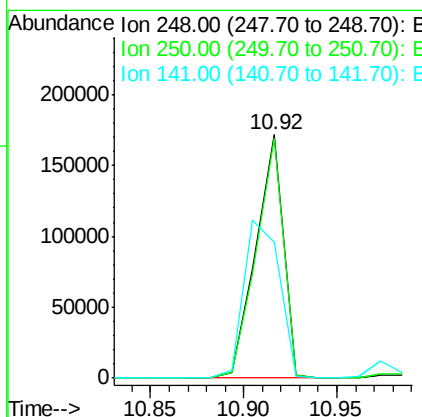
RT: 10.92 min Scan# 755

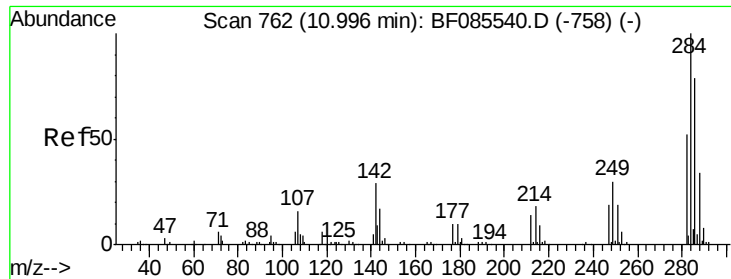
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	248	Resp:	174975
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.4	116.0
141	55.9	63.6	95.4#





#67

Hexachlorobenzene

Concen: 39.07 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF085622.D

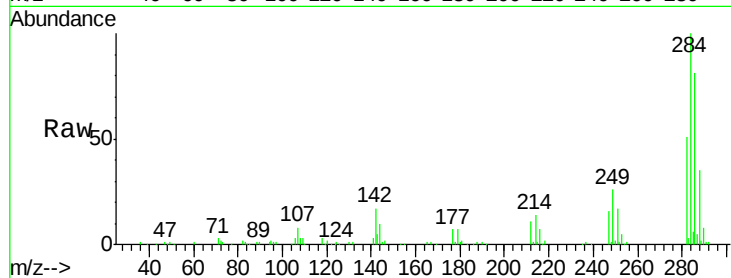
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

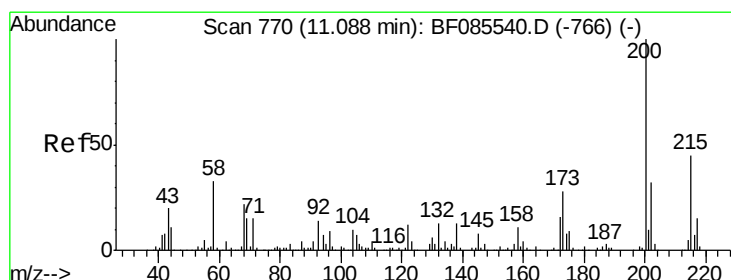
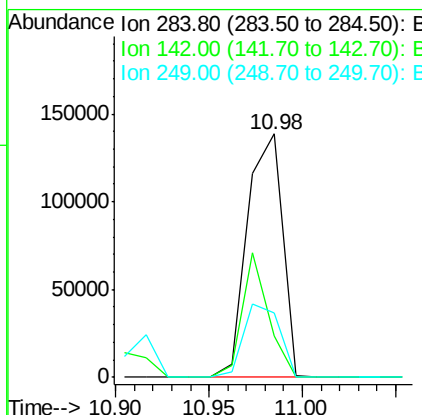
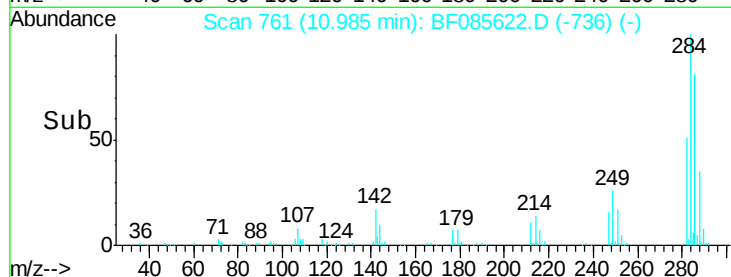
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Tgt Ion:	284	Resp:	180514
Ion Ratio	Lower	Upper	
284	100		
142	17.2	23.1	34.7#
249	26.4	24.2	36.2

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#68

Atrazine

Concen: 43.52 ng

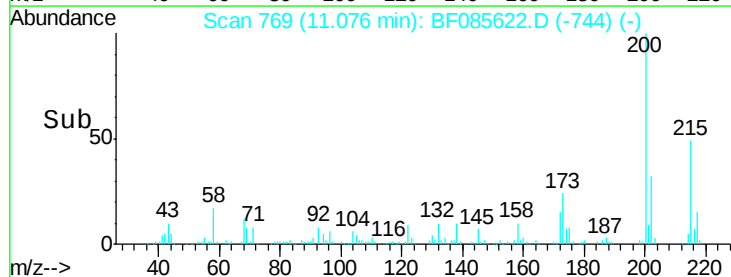
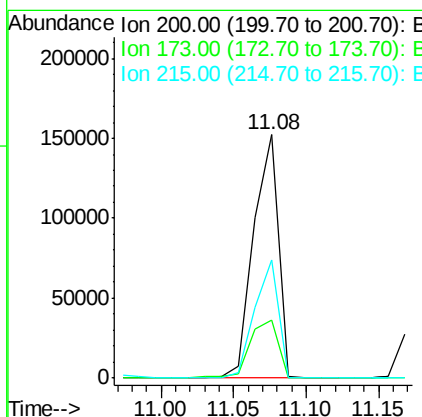
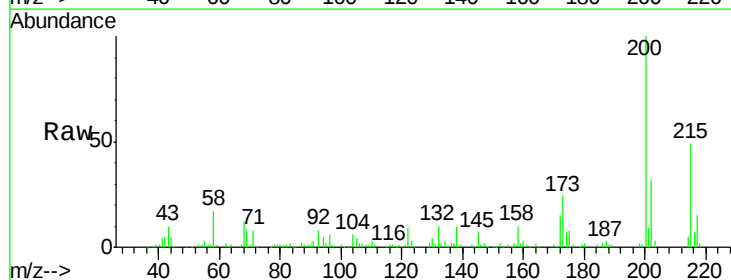
RT: 11.08 min Scan# 769

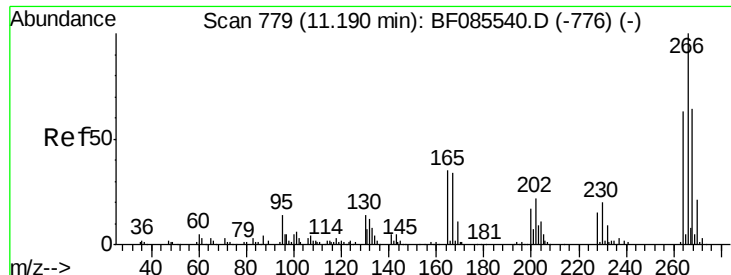
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	200	Resp:	179696
Ion Ratio	Lower	Upper	
200	100		
173	24.0	7.7	47.7
215	48.7	25.4	65.4





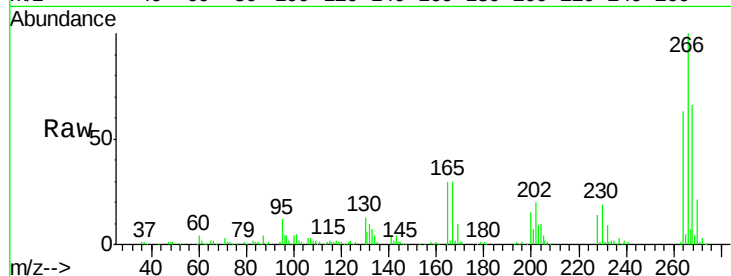
#69
 Pentachlorophenol
 Concen: 66.25 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

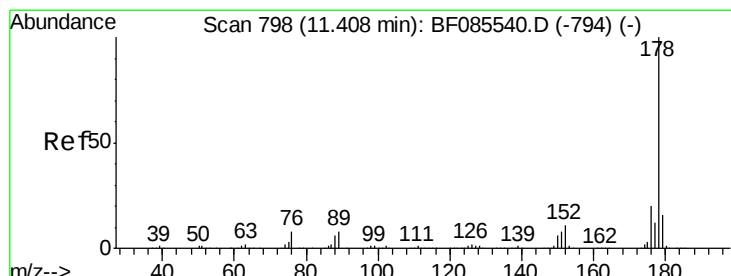
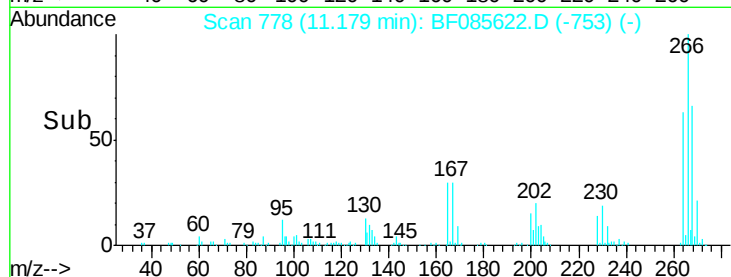
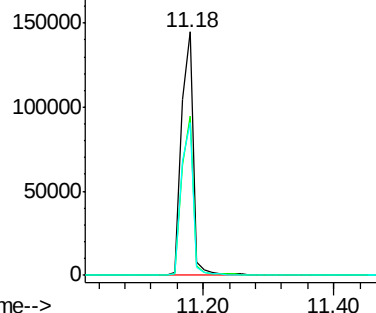
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	185856		
268	65.6	51.5	77.3	
264	62.5	50.6	76.0	

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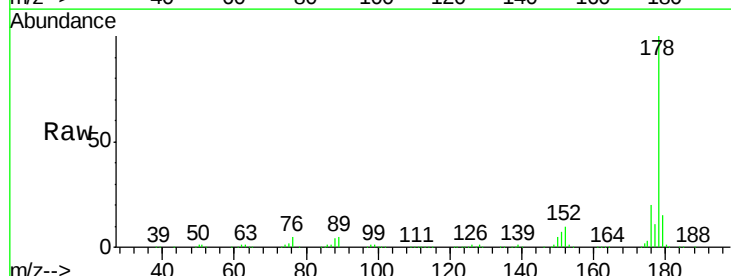


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

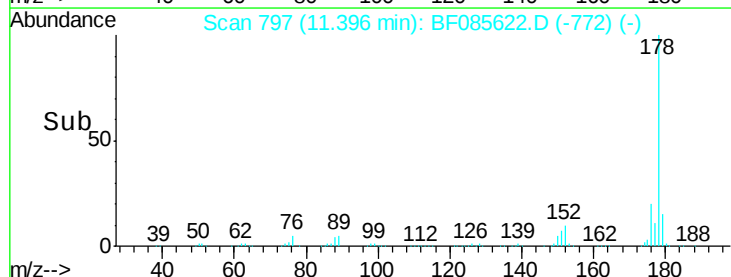
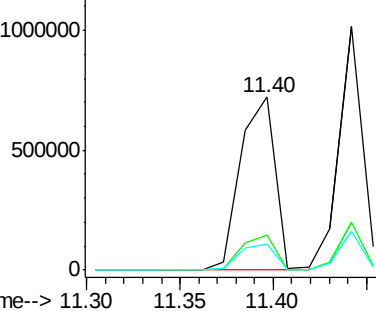


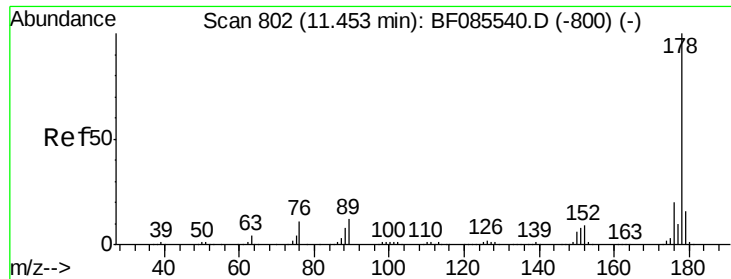
#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	930691		
176	20.0	16.3	24.5	
179	15.0	12.6	18.8	



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





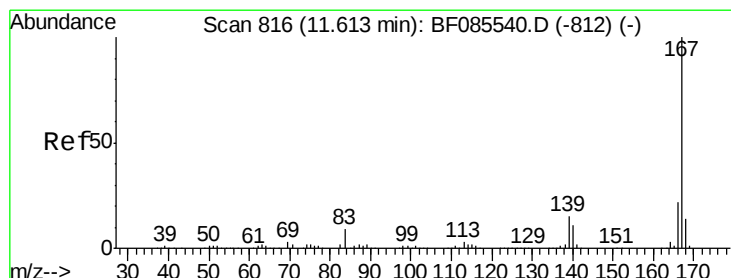
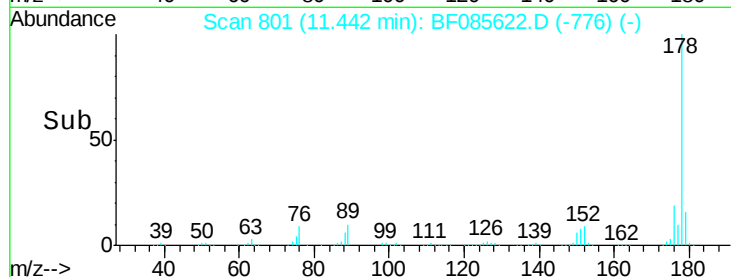
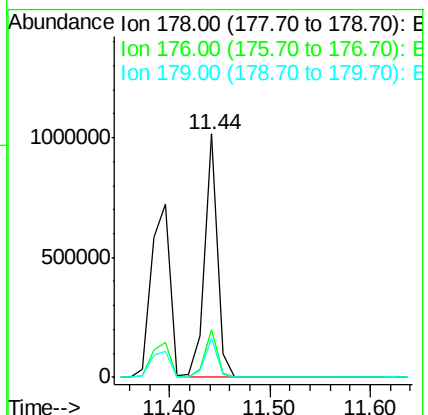
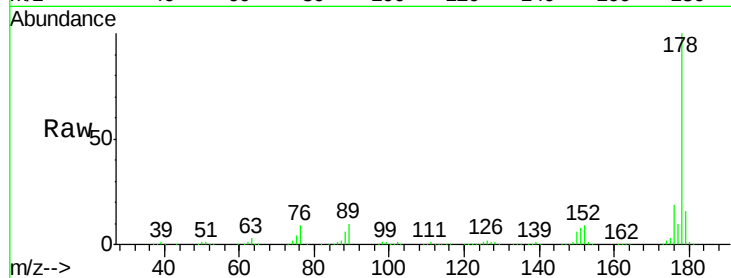
#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	13.0	19.4

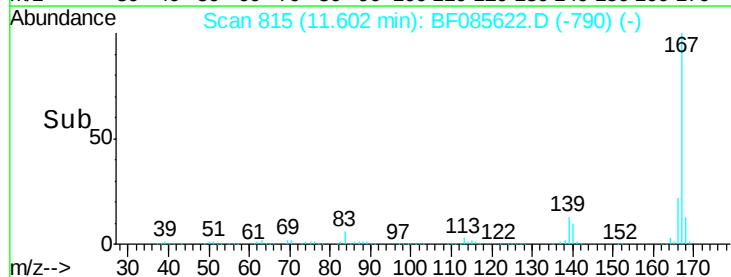
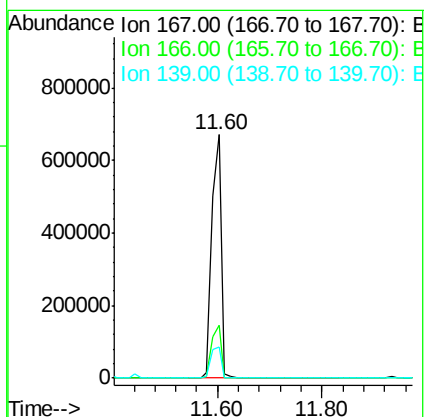
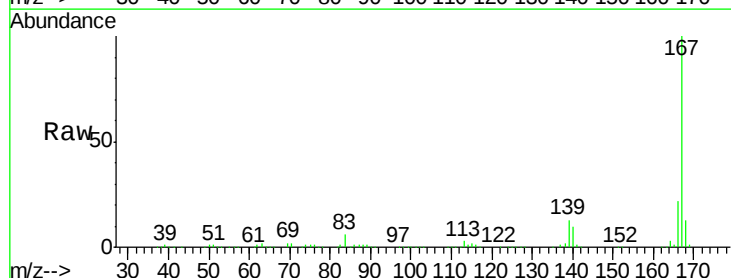
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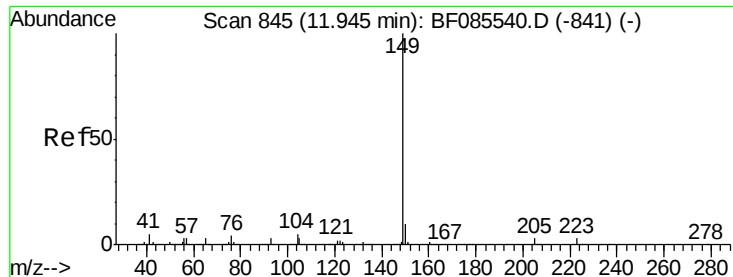
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#72
 Carbazole
 Concen: 40.21 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.8	11.6	17.4





#73

Di-n-butylphthalate

Concen: 40.46 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

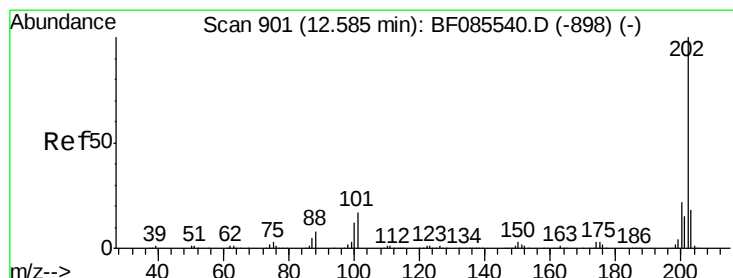
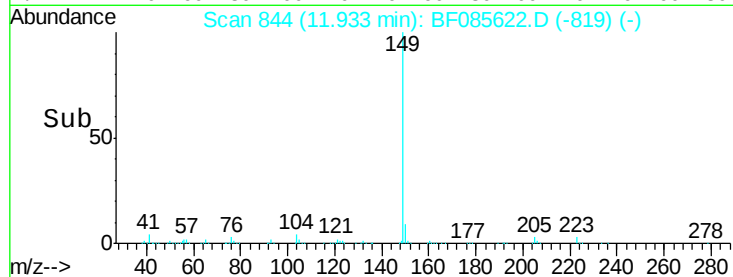
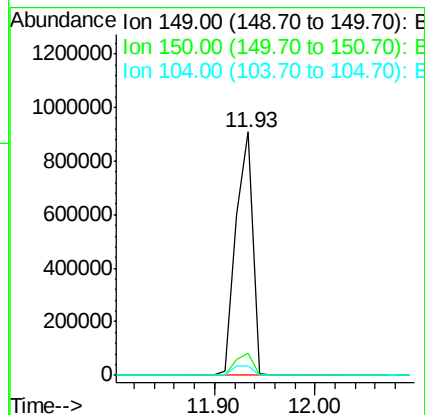
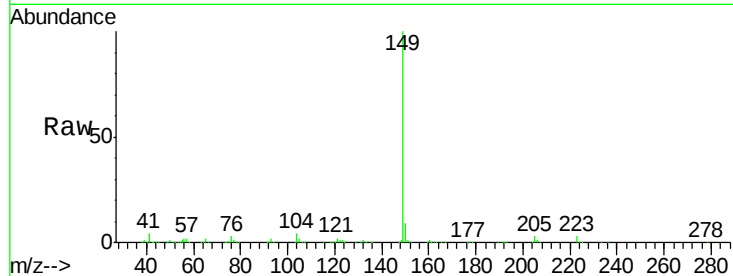
PB89047BS

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Tgt Ion:	149	Resp:	1052211
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	4.0	3.8	5.8



#74

Fluoranthene

Concen: 34.31 ng

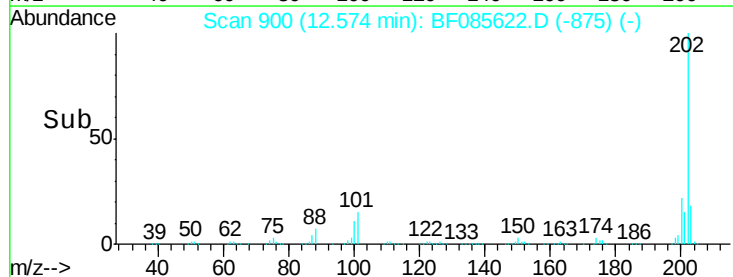
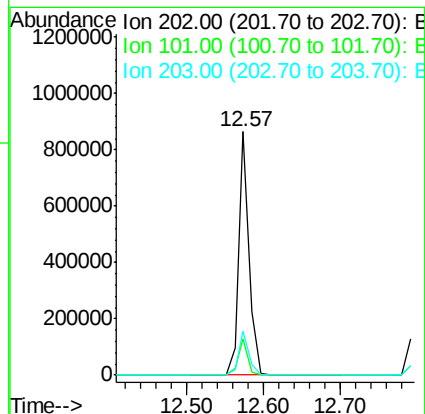
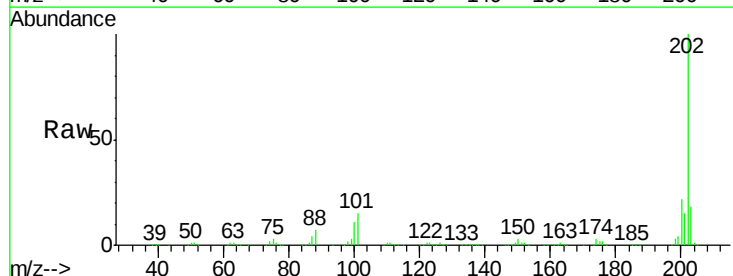
RT: 12.57 min Scan# 900

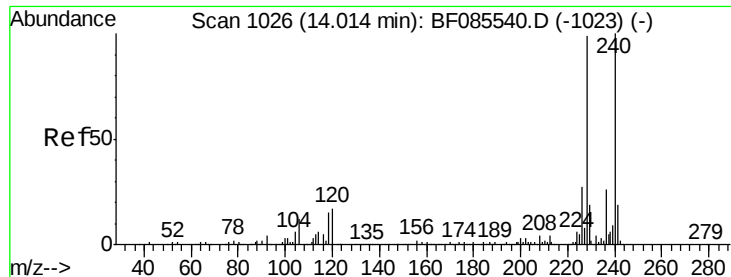
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	202	Resp:	824813
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	36.6
203	18.1	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: BF085622.D

Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

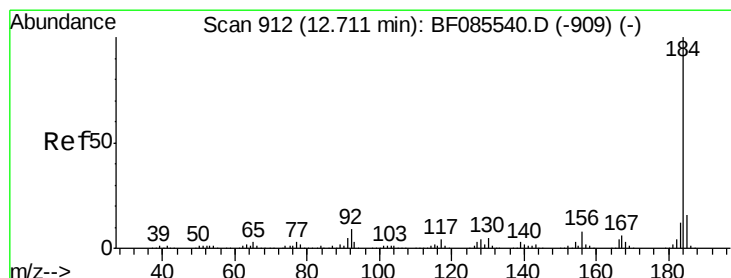
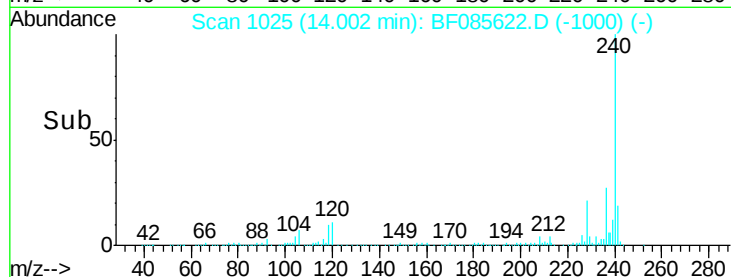
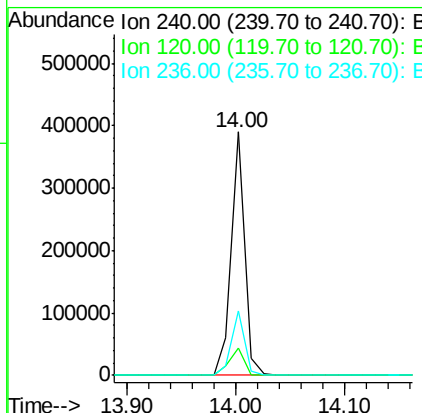
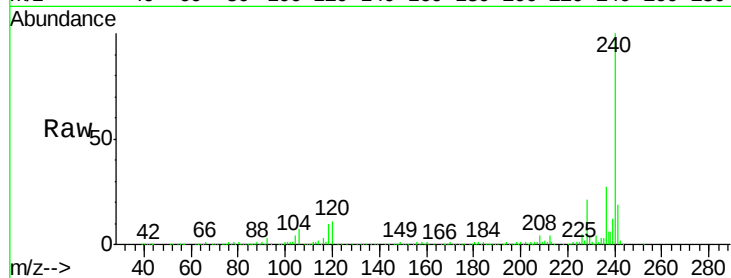
ClientSampleId :

PB89047BS

Tgt Ion:	240	Resp:	331705
Ion Ratio	Lower	Upper	
240	100		
120	11.3	13.8	20.8#
236	26.7	20.6	30.8

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#76

Benzidine

Concen: 21.04 ng

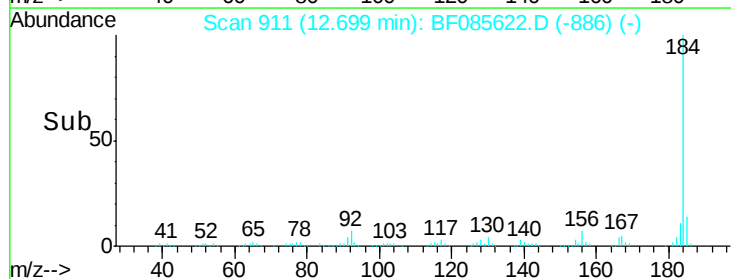
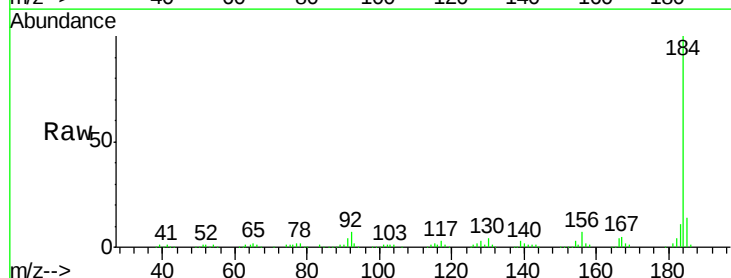
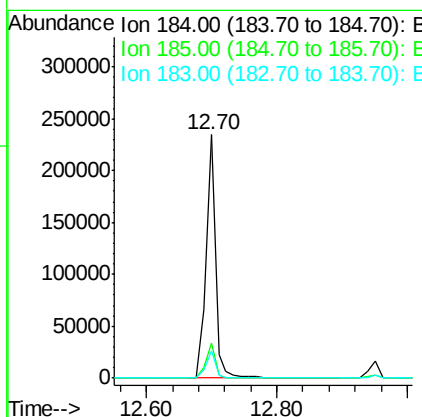
RT: 12.70 min Scan# 911

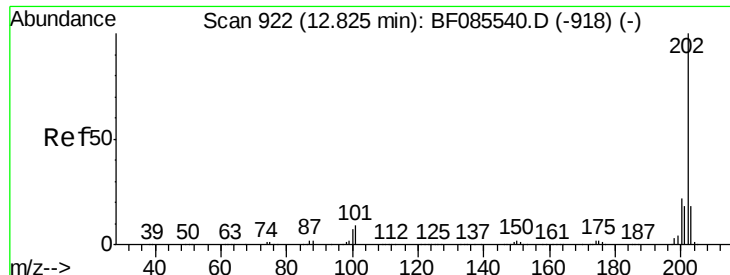
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion:	184	Resp:	234723
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.4	18.6
183	11.2	9.4	14.2





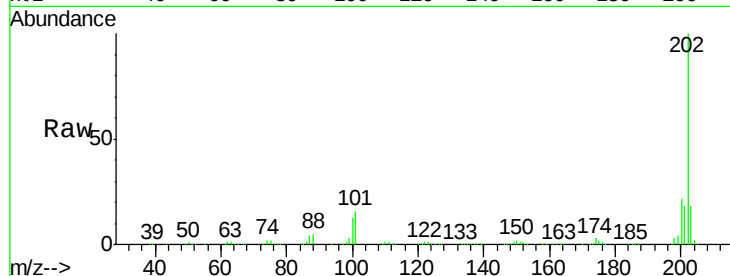
#77
 Pyrene
 Concen: 35.77 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

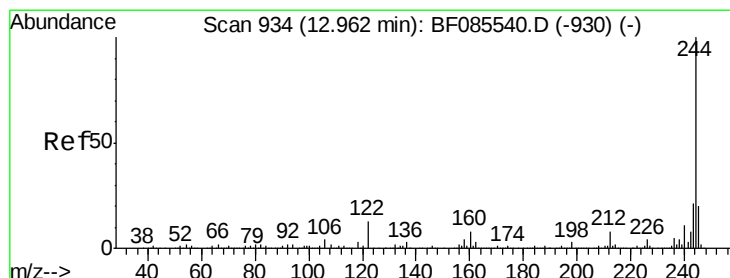
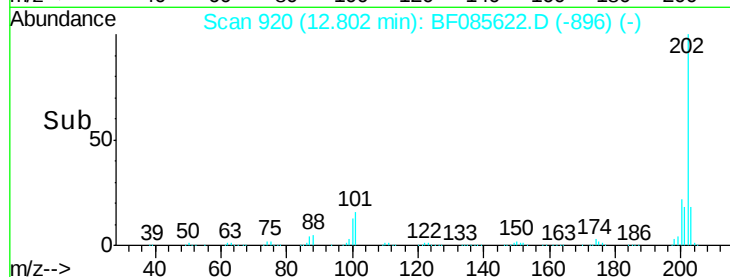
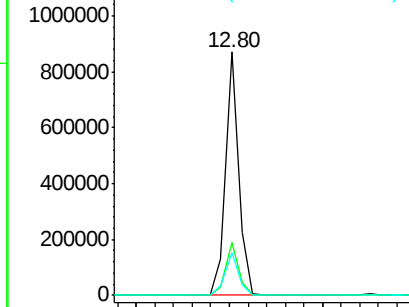
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	851987		
200	21.9		17.6	26.4
203	17.8		14.0	21.0

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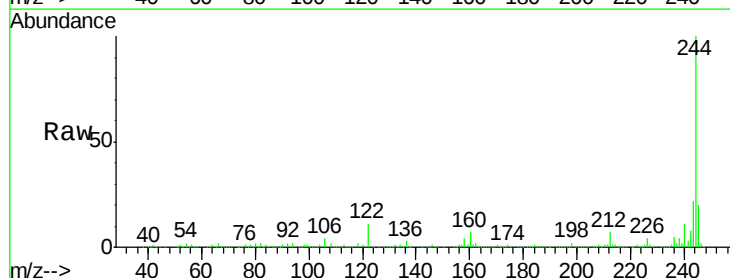


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

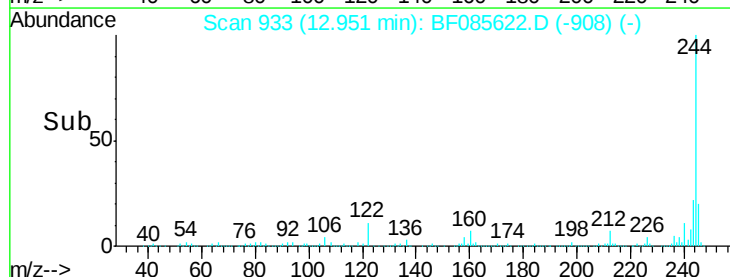
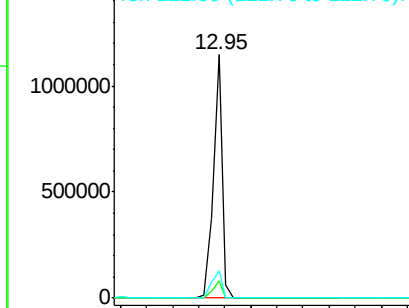


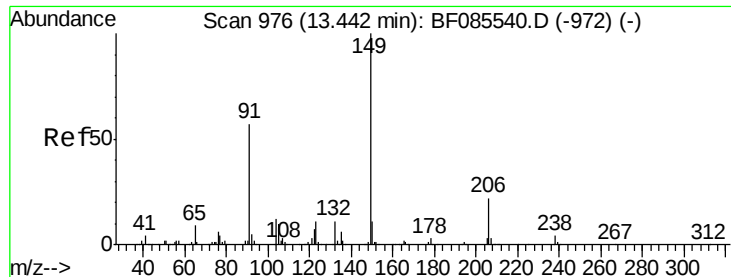
#78
 Terphenyl-d14
 Concen: 80.28 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1106581		
212	7.2		6.1	9.1
122	11.2		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: 34.68 ng

RT: 13.42 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF085622.D

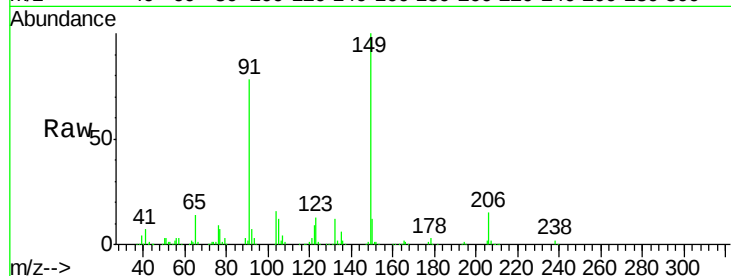
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

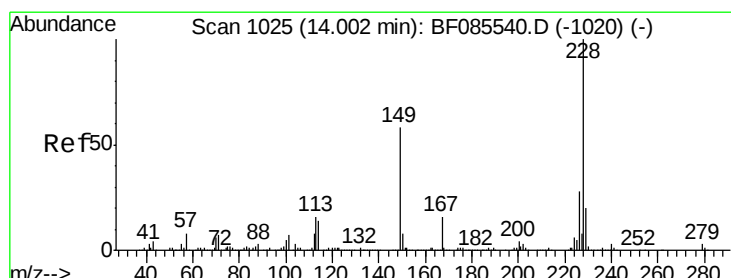
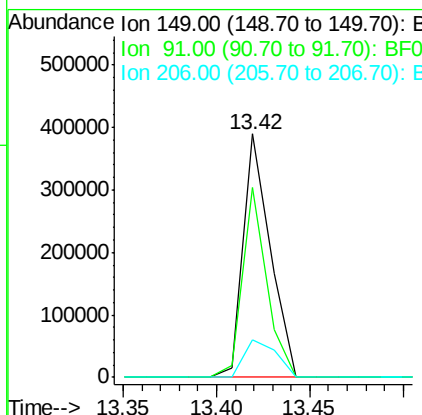
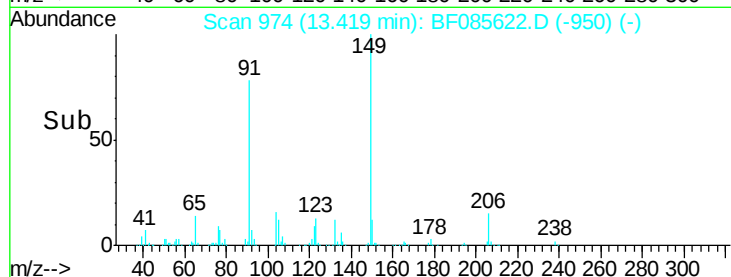
PB89047BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	393701		
91	78.2	45.8	68.8#	
206	15.4	17.8	26.8#	

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 37.36 ng

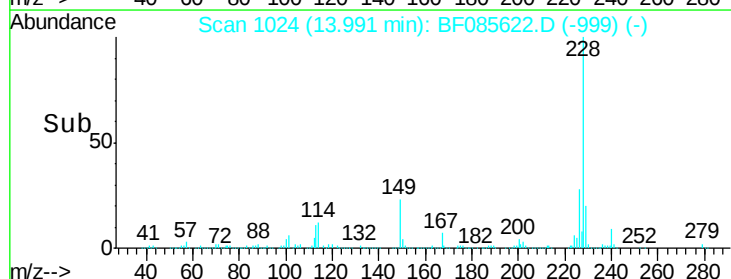
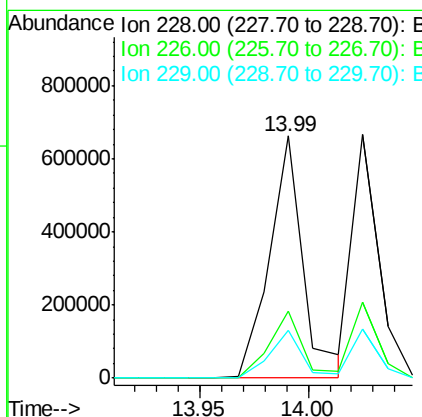
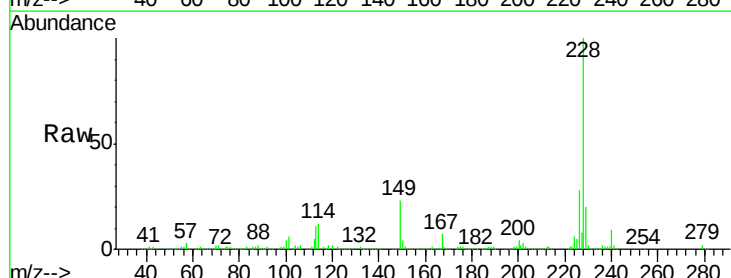
RT: 13.99 min Scan# 1024

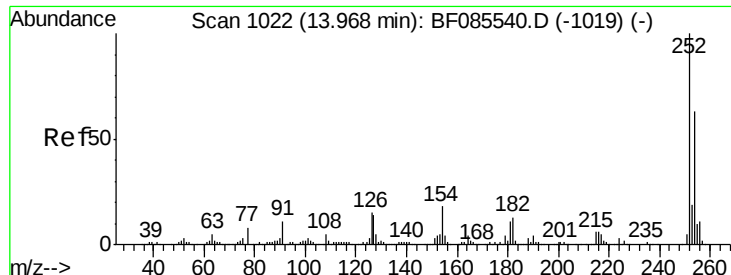
Delta R.T. -0.01 min

Lab File: BF085622.D

Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	719515		
226	27.8	22.1	33.1	
229	19.7	16.2	24.4	





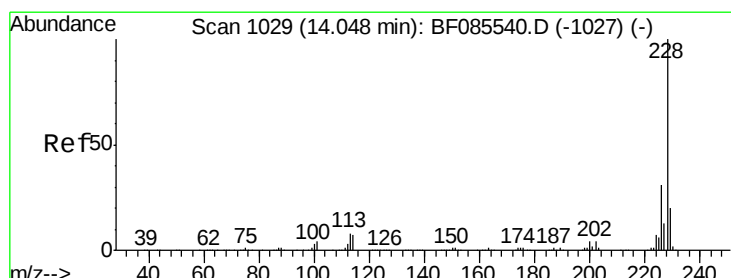
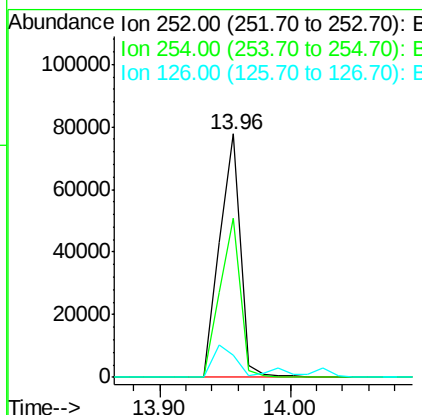
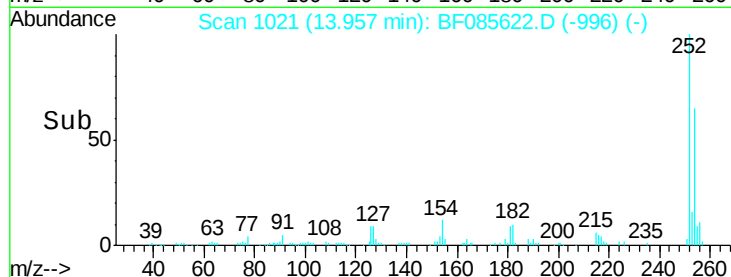
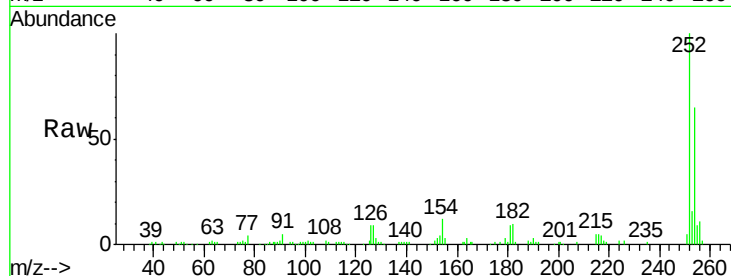
#81
 3,3'-Dichlorobenzidine
 Concen: 12.32 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.7	76.1
126	8.9	11.8	17.6

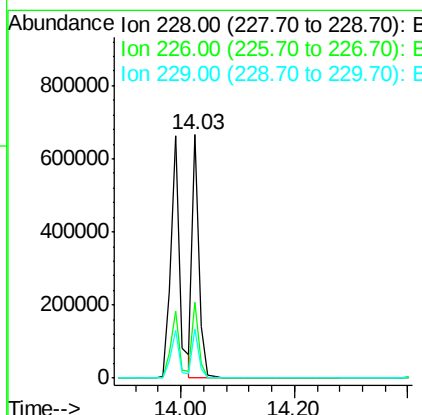
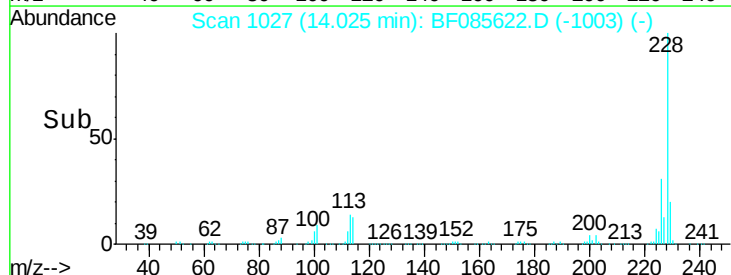
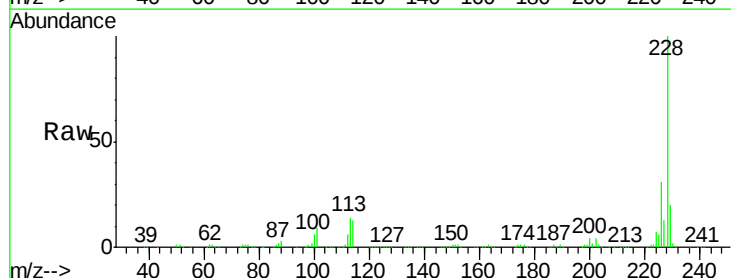
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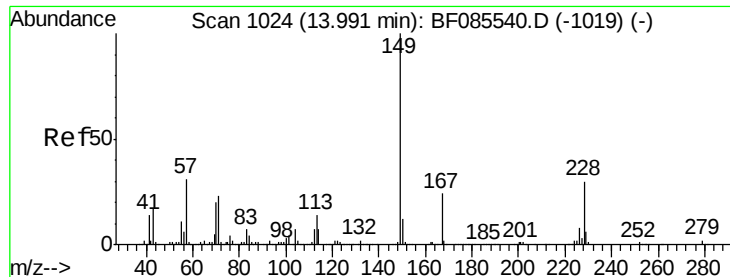
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#82
 Chrysene
 Concen: 30.83 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.0	15.7	23.5





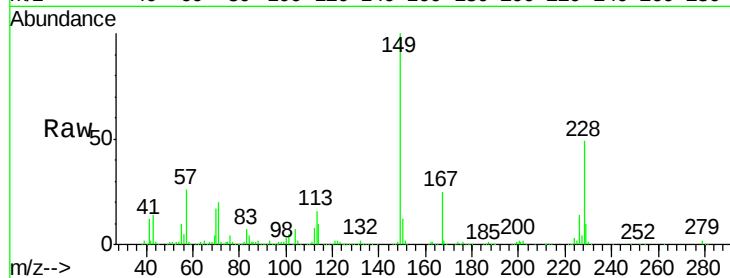
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.47 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BS

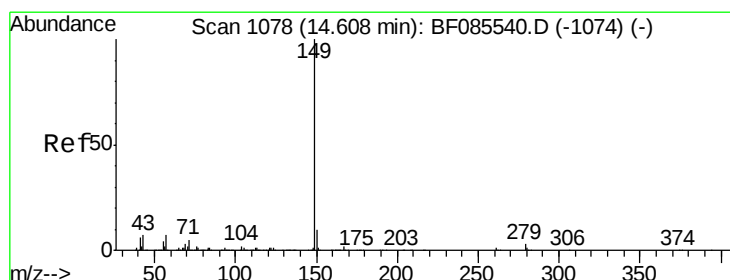
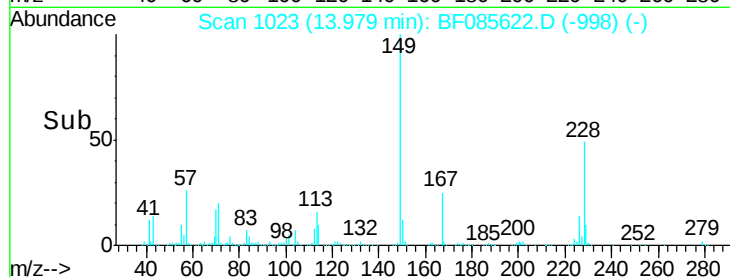
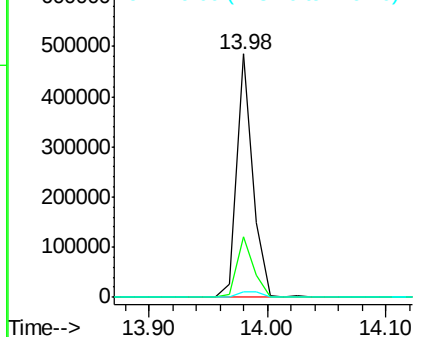
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.4	29.2
279	2.3	1.5	2.3

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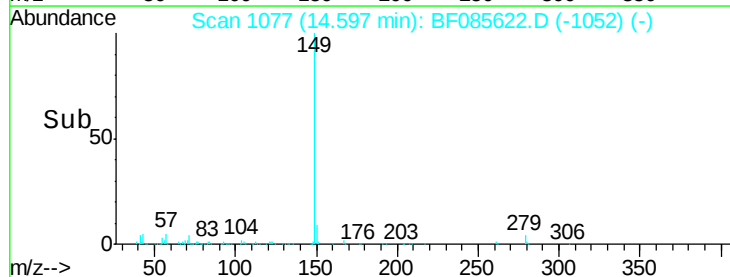
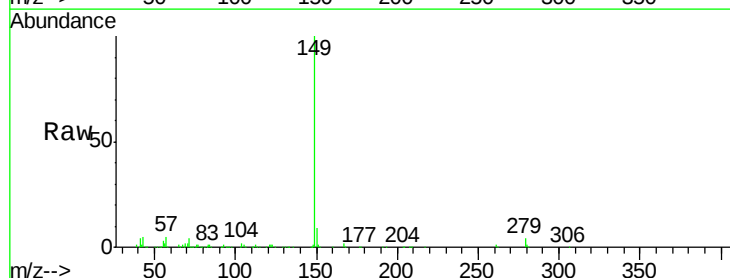
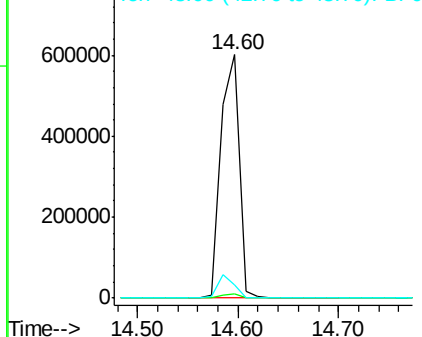
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

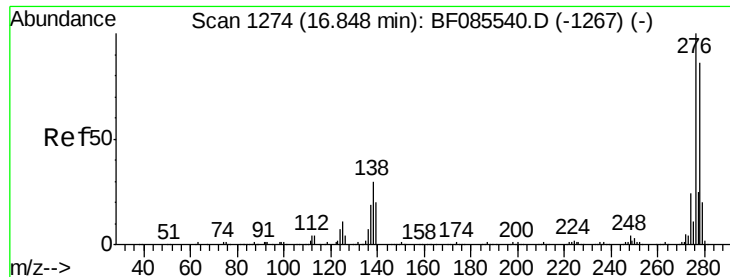


#84
 Di-n-octyl phthalate
 Concen: 33.12 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	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





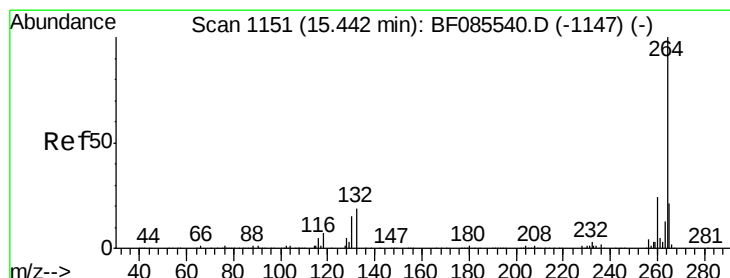
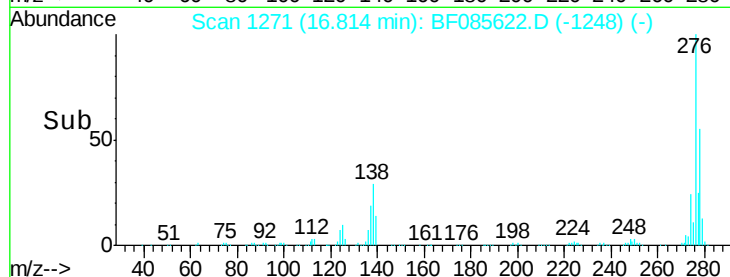
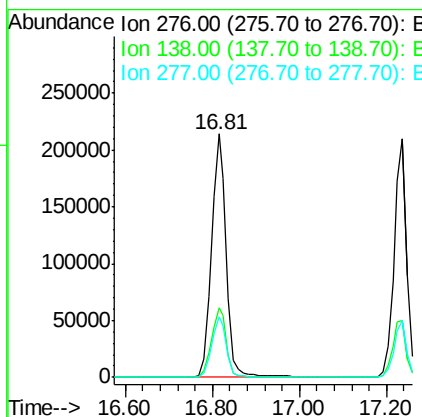
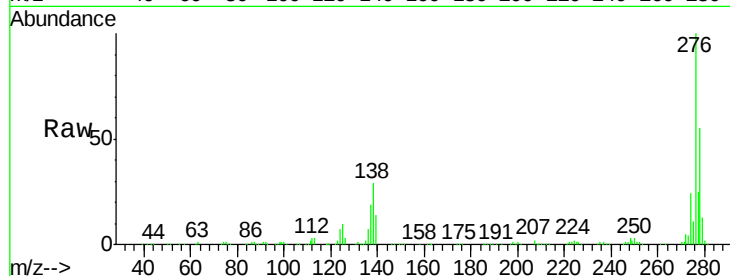
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.30 ng
 RT: 16.81 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Instrument :
 BNA_F
 ClientSampled :
 PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	515463		
138	29.3	24.2	36.4	
277	24.9	20.0	30.0	

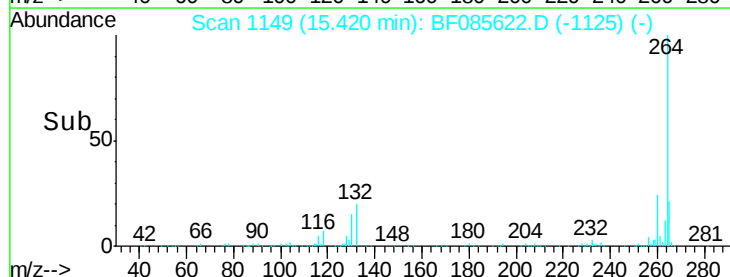
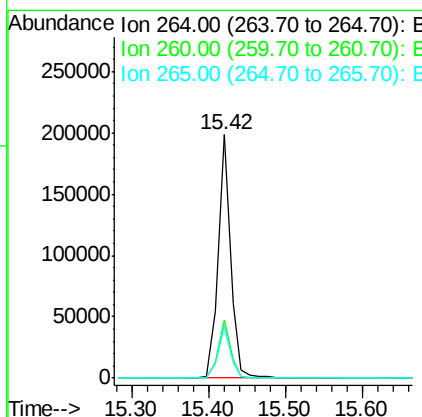
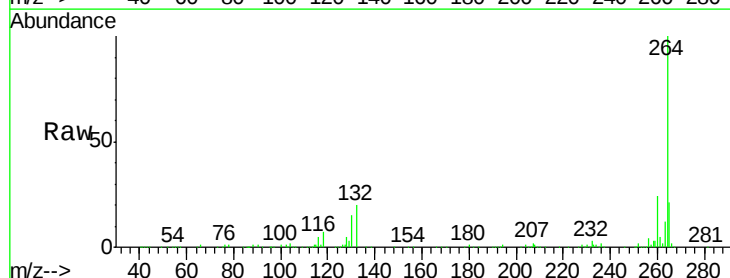
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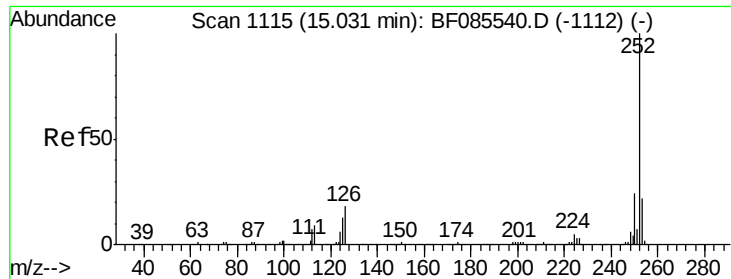
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085622.D
 Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	225340		
260	24.0	19.4	29.2	
265	21.3	17.2	25.8	





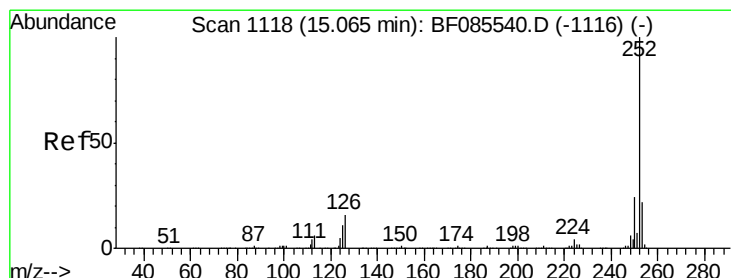
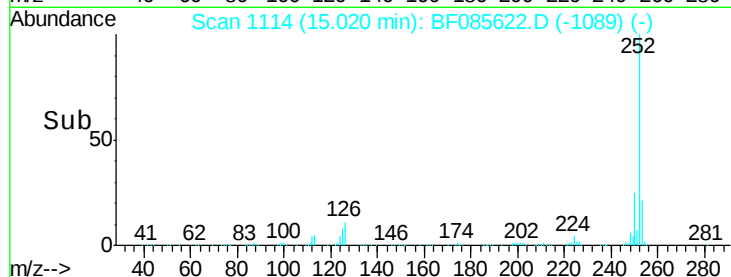
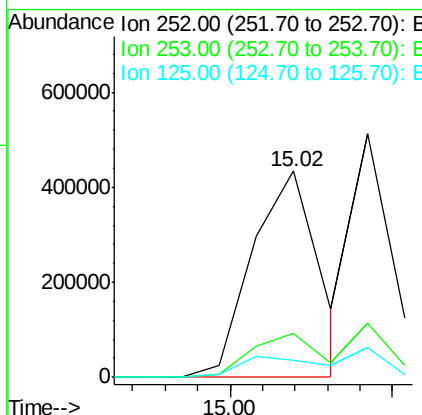
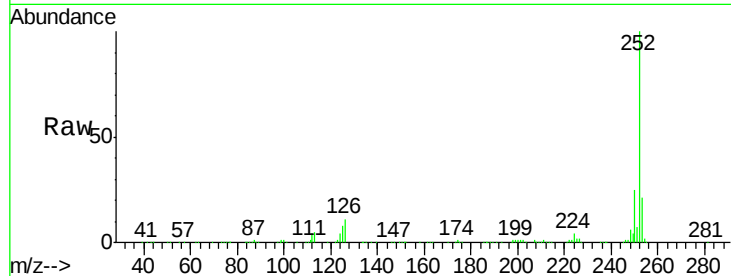
#87
Benzo(b)fluoranthene
Concen: 41.89 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.1	10.3	15.5#

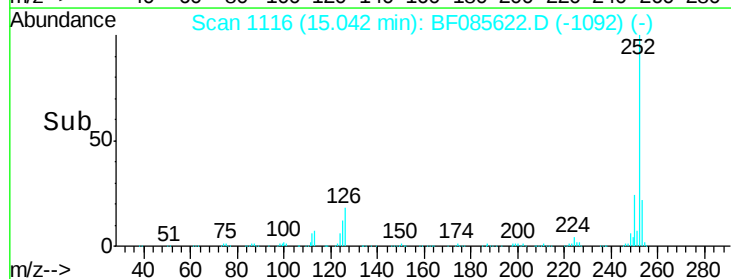
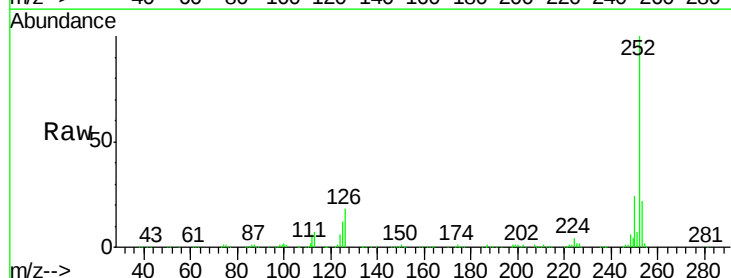
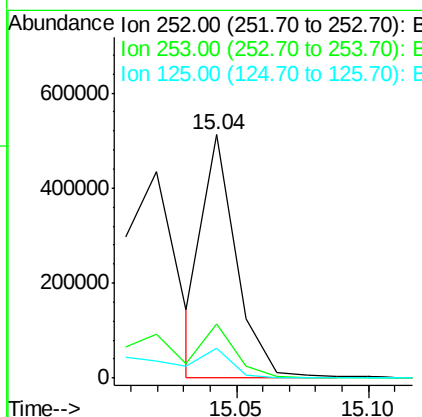
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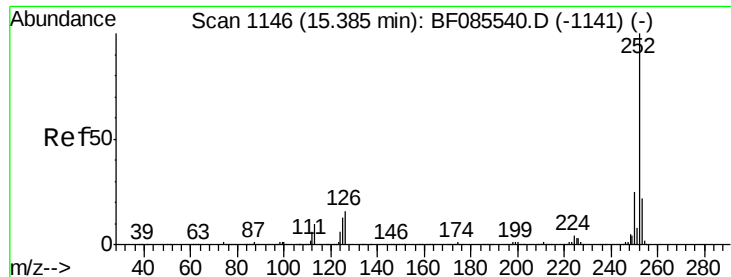
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#88
Benzo(k)fluoranthene
Concen: 37.29 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.2	7.7	11.5#





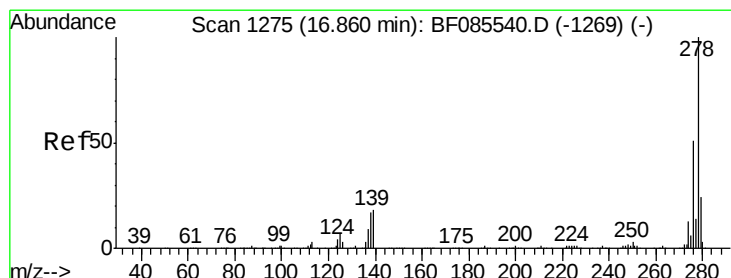
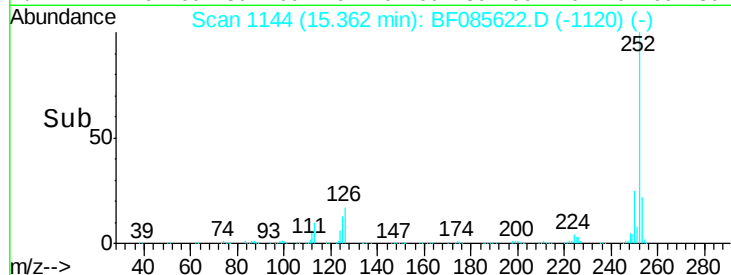
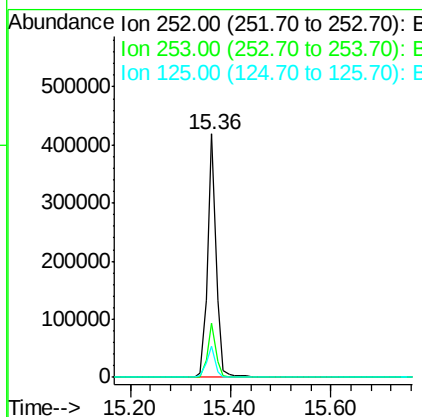
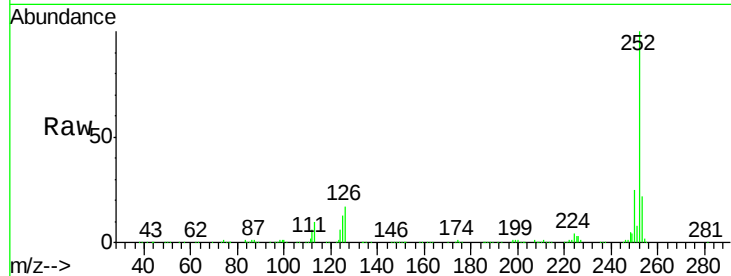
#89
Benzo(a)pyrene
Concen: 40.02 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Instrument :
BNA_F
ClientSampleId :
PB89047BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	498896		
253	22.2	17.4	26.0	
125	12.9	10.3	15.5	

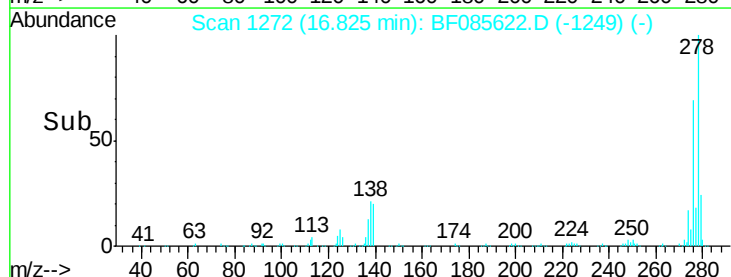
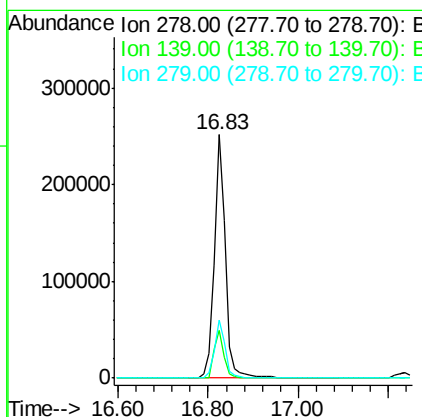
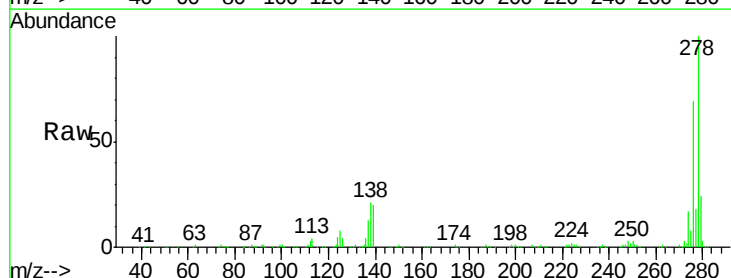
Manual Integrations
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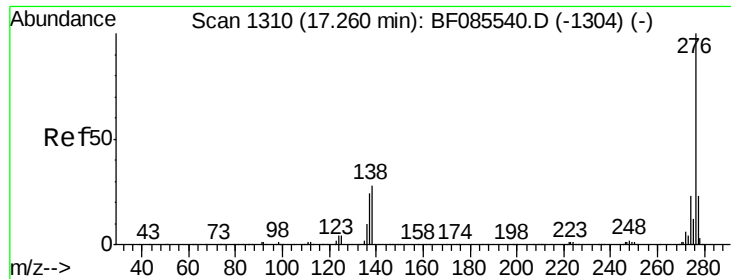
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.67 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF085622.D
Acq: 21 Mar 2016 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	433210		
139	19.7	14.4	21.6	
279	23.7	19.1	28.7	





#91

Benzo(g,h,i)perylene

Concen: 43.30 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085622.D

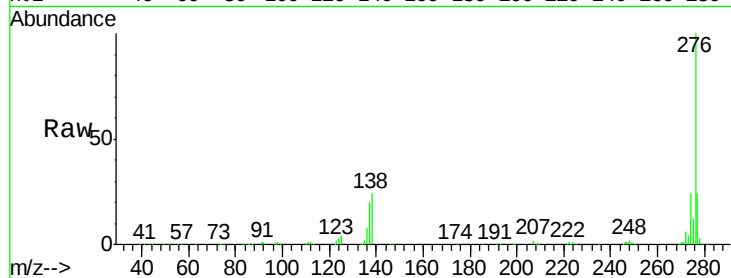
Acq: 21 Mar 2016 15:12

Instrument :

BNA_F

ClientSampleId :

PB89047BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	435723		
277	23.9	18.8	28.2	
138	24.1	22.6	34.0	

Manual Integrations
APPROVED

Sohil
3/22/2016 5:33:30 PM

