

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085884.D
 Acq On : 30 Mar 2016 14:15
 Operator : UM/SJ
 Sample : PB89268BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Manual Integrations
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 3/31/2016 4:51:35 PM

Quant Time: Mar 31 03:09:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98576	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	401790	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	191932	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	356981	20.00	ng	0.00
75) Chrysene-d12	13.96	240	270629	20.00	ng	-0.01
86) Perylene-d12	15.37	264	220093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	635802	107.42	ng	0.00
7) Phenol-d6	6.44	99	824569	109.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	493790	69.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	188702	103.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	930656	81.01	ng	0.00
78) Terphenyl-d14	12.91	244	819000	62.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	91844	32.50	ng	99
3) Pyridine	3.13	79	234653	34.63	ng	99
4) n-Nitrosodimethylamine	3.08	42	108006	39.82	ng	98
6) Aniline	6.46	93	206343	20.37	ng	# 59
8) 2-Chlorophenol	6.58	128	270619	39.35	ng	98
9) Benzaldehyde	6.34	77	36246	7.99	ng	99
10) Phenol	6.46	94	284753	33.40	ng	# 69
11) bis(2-Chloroethyl)ether	6.54	93	249381	38.01	ng	97
12) 1,3-Dichlorobenzene	6.73	146	268549m	36.26	ng	
13) 1,4-Dichlorobenzene	6.81	146	283281	37.72	ng	98
14) 1,2-Dichlorobenzene	6.97	146	247995	35.43	ng	95
15) Benzyl Alcohol	6.95	79	211446	42.11	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	305000	35.04	ng	92
17) 2-Methylphenol	7.06	107	222577	40.43	ng	100
18) Hexachloroethane	7.30	117	100553	36.56	ng	# 83
19) n-Nitroso-di-n-propylamine	7.21	70	164077	36.41	ng	92
20) 3+4-Methylphenols	7.21	107	265128	40.05	ng	# 78
22) Acetophenone	7.21	105	337272	36.03	ng	# 95
24) Nitrobenzene	7.38	77	278870	37.92	ng	96
25) Isophorone	7.62	82	500492	36.41	ng	98
26) 2-Nitrophenol	7.70	139	143364	38.96	ng	99
27) 2,4-Dimethylphenol	7.75	122	243377	37.84	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	319060	40.74	ng	99
29) 2,4-Dichlorophenol	7.94	162	203426	37.63	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	212884	35.47	ng	98
31) Naphthalene	8.10	128	732890	36.20	ng	99
32) Benzoic acid	7.88	122	138496	32.42	ng	91
33) 4-Chloroaniline	8.16	127	109480	13.24	ng	97
34) Hexachlorobutadiene	8.22	225	112668	34.54	ng	98
35) Caprolactam	8.53	113	69120m	36.09	ng	
36) 4-Chloro-3-methylphenol	8.65	107	240070	38.01	ng	95
37) 2-Methylnaphthalene	8.80	142	522974	44.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	192095	33.75	ng	98
40) Hexachlorocyclopentadiene	8.95	237	143677	62.80	ng	99

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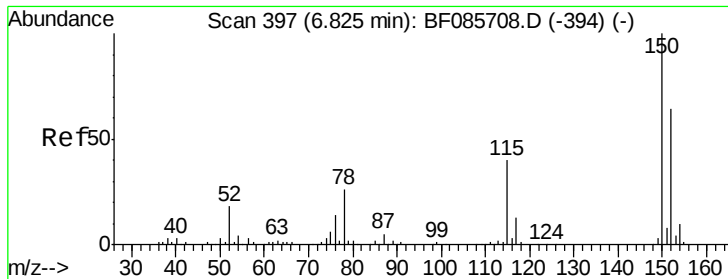
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	139851	36.38	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	140316	34.81	ng	97
45) 1,1'-Biphenyl	9.26	154	543824	33.58	ng	99
46) 2-Chloronaphthalene	9.29	162	435523	36.57	ng	97
47) 2-Nitroaniline	9.38	65	127200	34.93	ng	89
48) Acenaphthylene	9.70	152	741602	38.22	ng	99
49) Dimethylphthalate	9.57	163	530220	36.41	ng	99
50) 2,6-Dinitrotoluene	9.64	165	112658	35.94	ng	# 60
51) Acenaphthene	9.88	154	433037	36.53	ng	99
52) 3-Nitroaniline	9.80	138	72878	20.31	ng	94
53) 2,4-Dinitrophenol	9.91	184	93066	60.37	ng	97
54) Dibenzofuran	10.05	168	640262	41.74	ng	99
55) 4-Nitrophenol	9.98	139	156748	67.06	ng	# 78
56) 2,4-Dinitrotoluene	10.04	165	143933	36.13	ng	# 54
57) Fluorene	10.39	166	505166	39.61	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	113938	40.66	ng	95
59) Diethylphthalate	10.26	149	520411	36.17	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	221931	35.59	ng	98
61) 4-Nitroaniline	10.41	138	123263	35.92	ng	91
62) Azobenzene	10.54	77	570277	41.25	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	76693	36.68	ng	80
65) n-Nitrosodiphenylamine	10.50	169	453040	40.07	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	140948	38.59	ng	96
67) Hexachlorobenzene	10.94	284	151252	39.60	ng	98
68) Atrazine	11.03	200	142757	37.40	ng	99
69) Pentachlorophenol	11.13	266	133508	71.20	ng	98
70) Phenanthrene	11.35	178	759414	41.43	ng	99
71) Anthracene	11.40	178	704838	36.63	ng	100
72) Carbazole	11.56	167	662941	41.04	ng	99
73) Di-n-butylphthalate	11.89	149	853652	38.51	ng	99
74) Fluoranthene	12.53	202	724236	37.17	ng	100
76) Benzidine	12.65	184	225184	23.63	ng	97
77) Pyrene	12.76	202	739588	33.25	ng	98
79) Butylbenzylphthalate	13.39	149	352646	37.85	ng	99
80) Benzo(a)anthracene	13.95	228	595271	38.58	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	93210	8.70	ng	99
82) Chrysene	13.99	228	567525	36.51	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	431560	38.69	ng	# 94
84) Di-n-octyl phthalate	14.55	149	702676	42.36	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	455130	37.92	ng	99
87) Benzo(b)fluoranthene	14.97	252	526910m	38.00	ng	
88) Benzo(k)fluoranthene	15.00	252	463538m	37.08	ng	
89) Benzo(a)pyrene	15.32	252	471734	38.32	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	384770	33.64	ng	97
91) Benzo(g,h,i)perylene	17.17	276	379575	32.77	ng	# 94

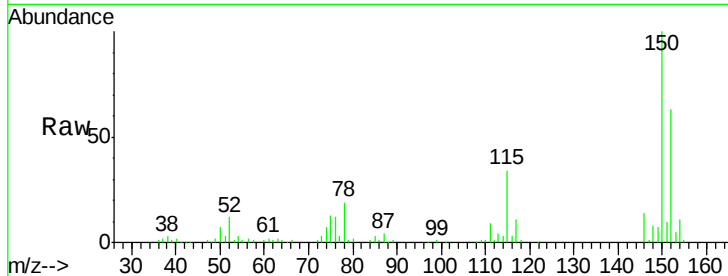
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

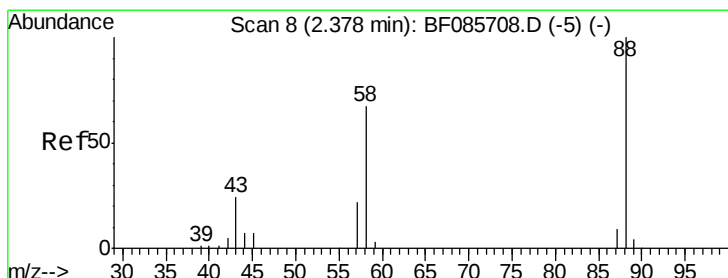
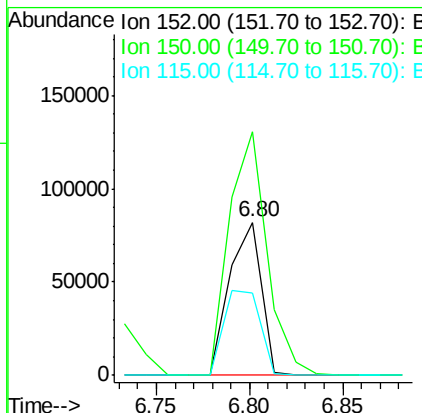
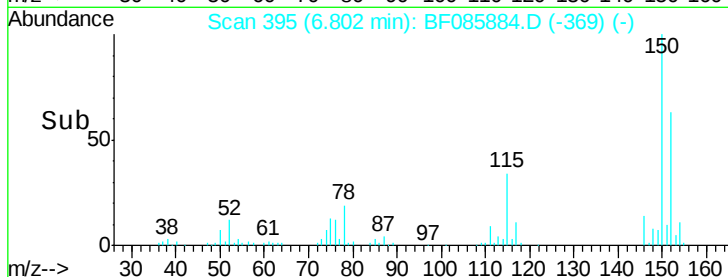
Instrument :
BNA_F
ClientSampleId :
PB89268BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.2	186.2
115	53.6	47.0	70.6

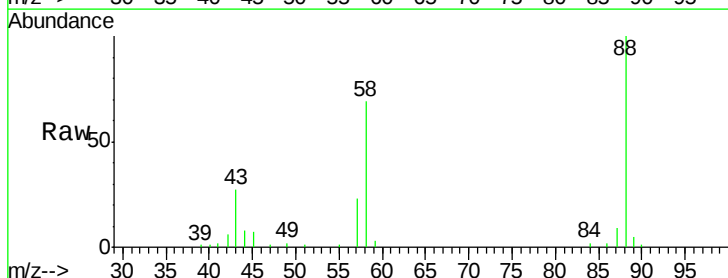
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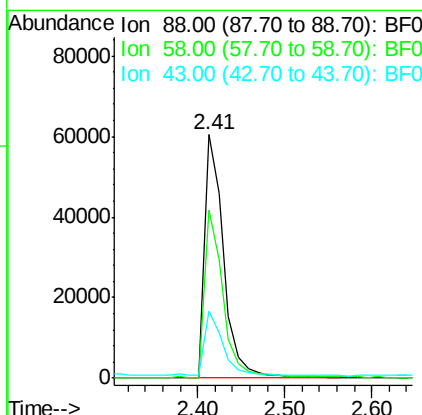
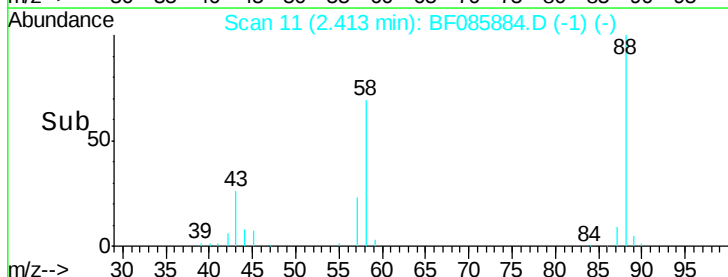


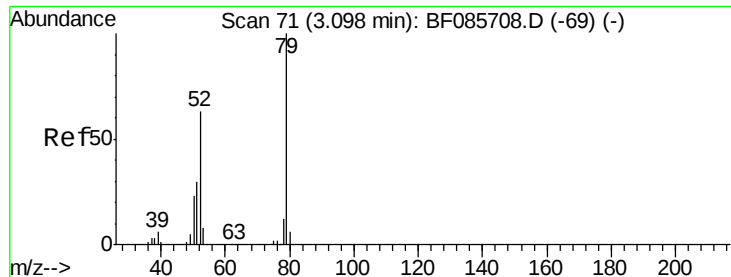
#2

1,4-Dioxane
Concen: 32.50 ng
RT: 2.41 min Scan# 11
Delta R.T. 0.08 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15



Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.2	81.2
43	24.1	19.3	28.9





#3

Pyridine

Concen: 34.63 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.08 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

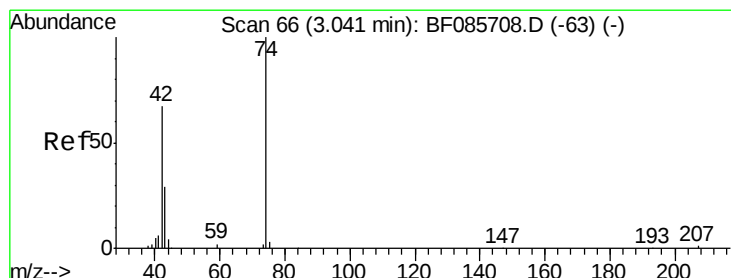
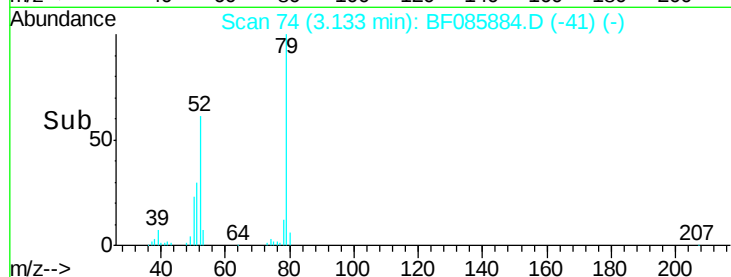
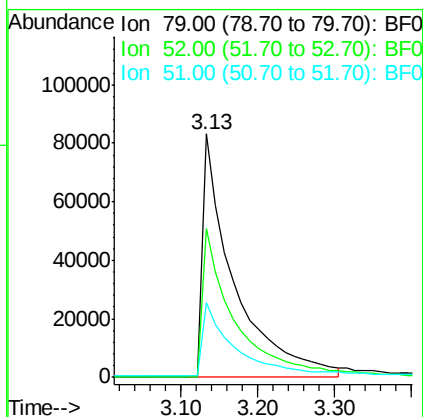
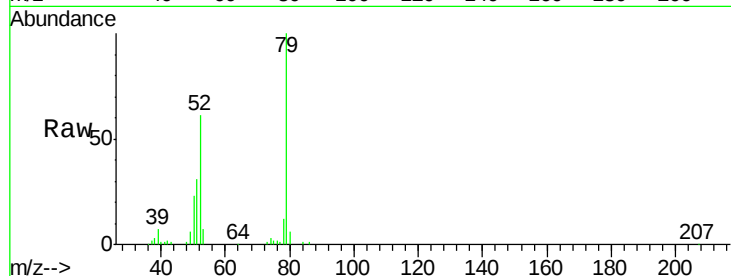
ClientSampleId :

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Tgt Ion:	79	Resp:	234653
Ion	Ratio	Lower	Upper
79	100		
52	61.3	49.8	74.6
51	30.8	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 39.82 ng

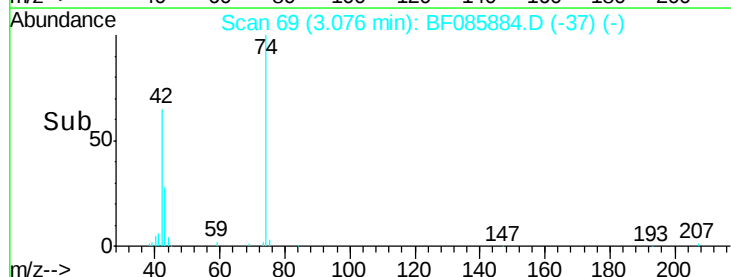
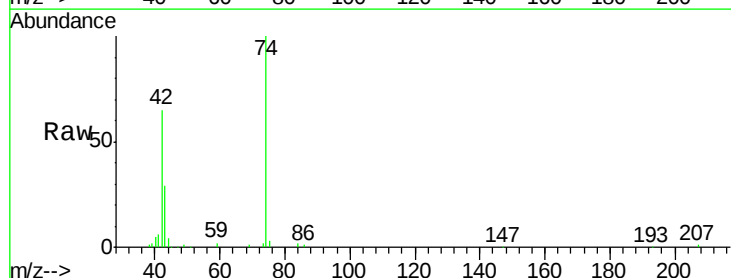
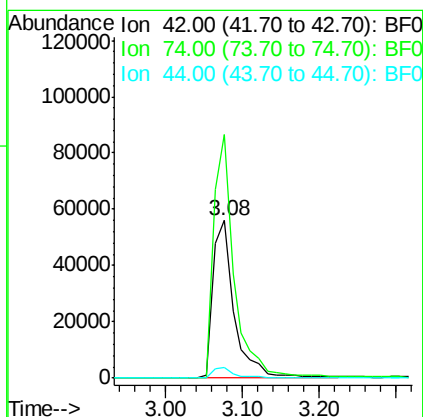
RT: 3.08 min Scan# 69

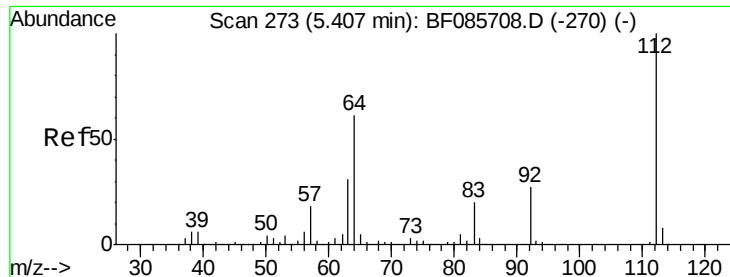
Delta R.T. 0.07 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	42	Resp:	108006
Ion	Ratio	Lower	Upper
42	100		
74	154.7	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 107.42 ng

RT: 5.40 min Scan# 272

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

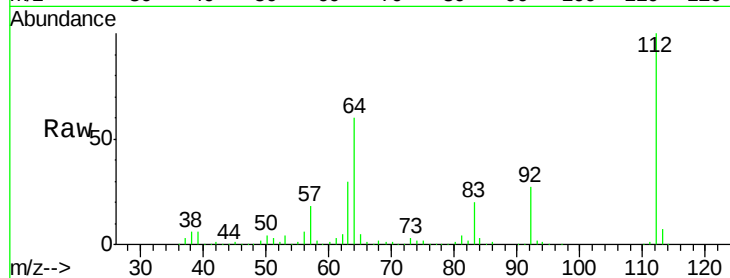
ClientSampleId :

PB89268BSD

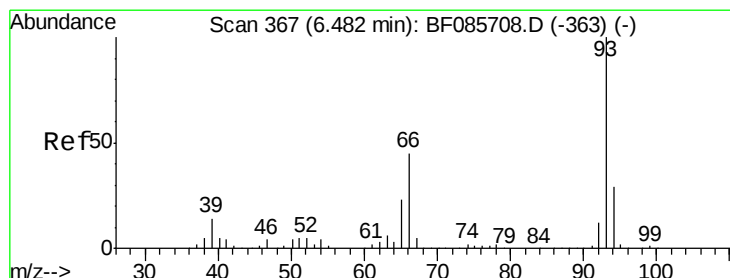
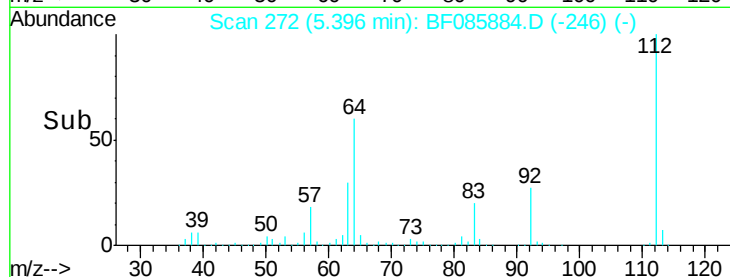
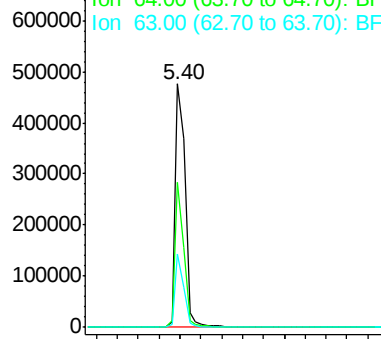
Tgt Ion:	112	Resp:	635802
Ion Ratio	Lower	Upper	
112	100		
64	59.7	39.9	59.9
63	30.4	20.2	30.2

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 20.37 ng

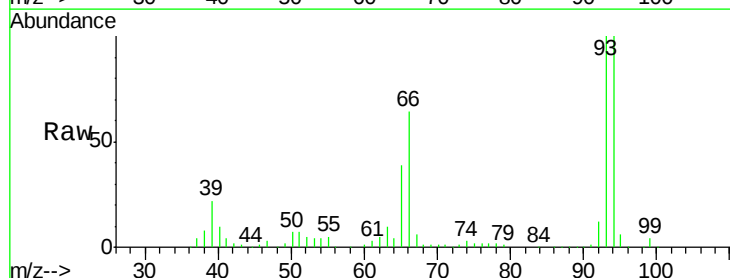
RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

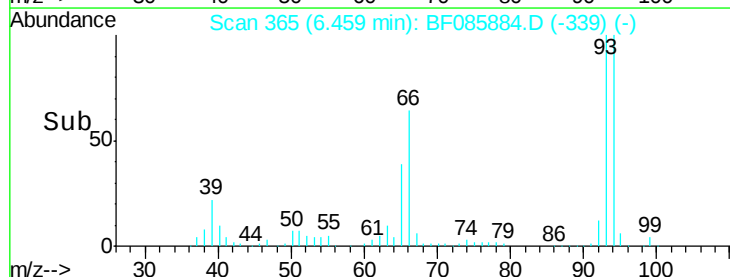
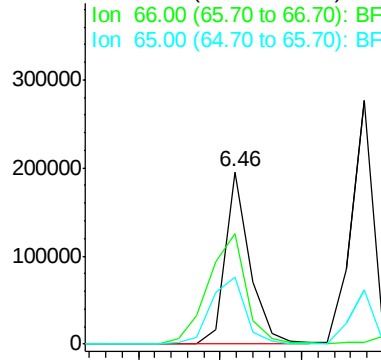
Lab File: BF085884.D

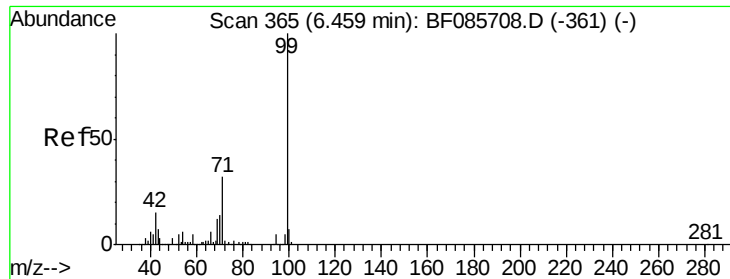
Acq: 30 Mar 2016 14:15

Tgt Ion:	93	Resp:	206343
Ion Ratio	Lower	Upper	
93	100		
66	64.1	31.4	47.2
65	38.7	15.7	23.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 109.57 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085884.D

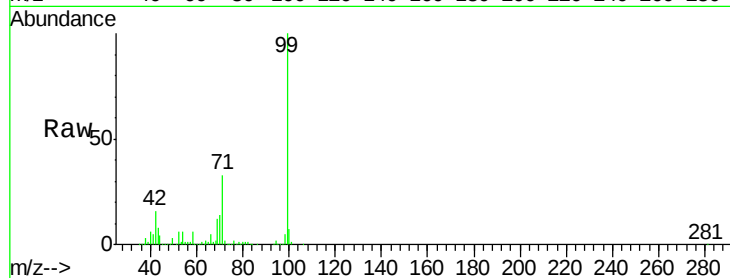
Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

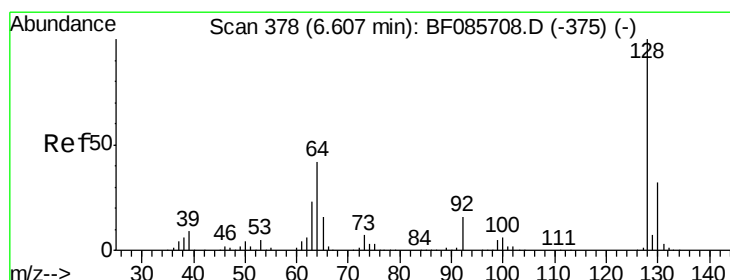
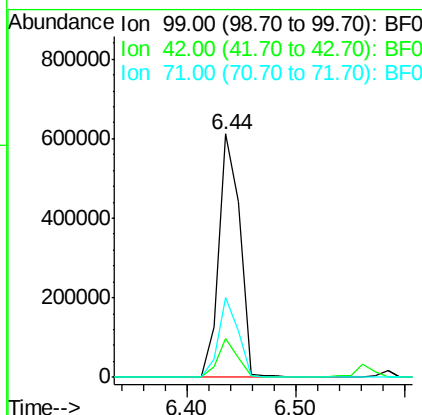
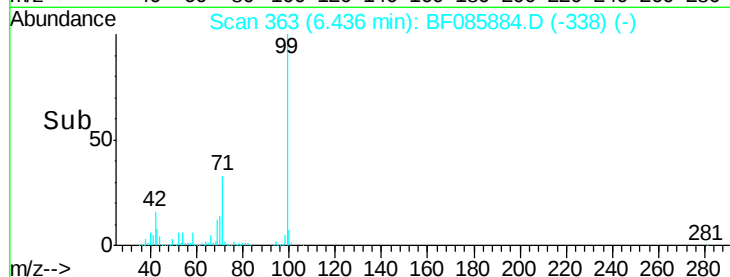
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Tgt Ion:	99	Resp:	824569
Ion Ratio	Lower	Upper	
99	100		
42	16.0	11.1	16.7
71	32.5	24.9	37.3

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#8

2-Chlorophenol

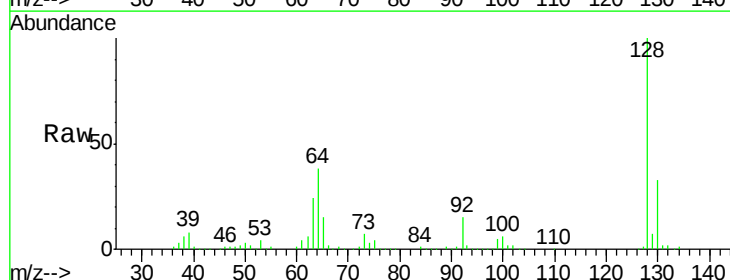
Concen: 39.35 ng

RT: 6.58 min Scan# 376

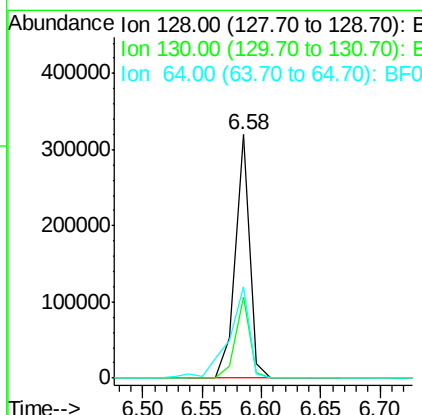
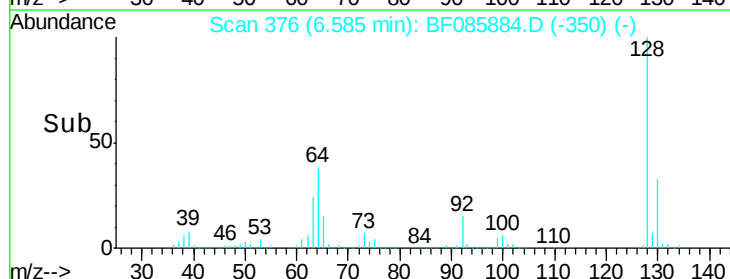
Delta R.T. 0.00 min

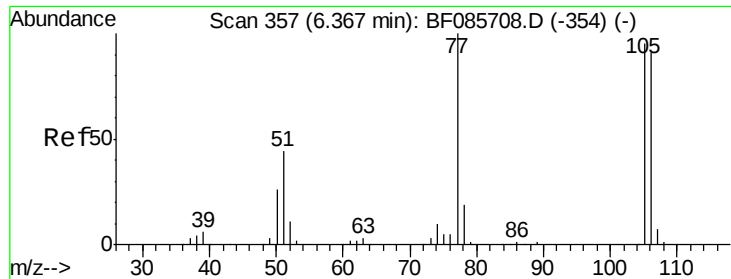
Lab File: BF085884.D

Acq: 30 Mar 2016 14:15



Tgt Ion:	128	Resp:	270619
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	37.7	20.2	60.2





#9

Benzaldehyde

Concen: 7.99 ng

RT: 6.34 min Scan# 355

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

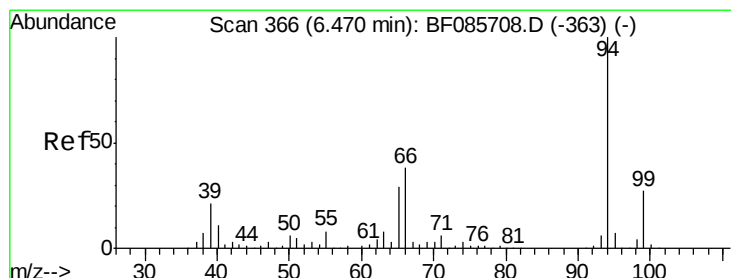
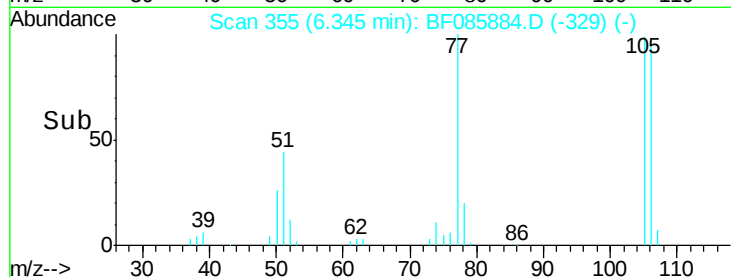
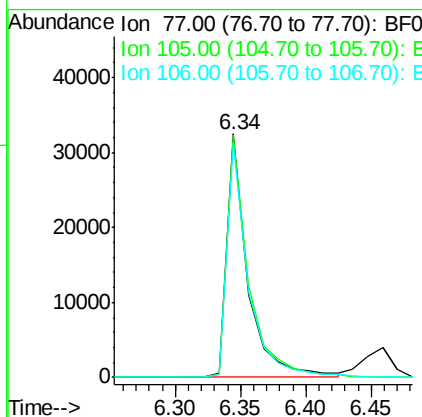
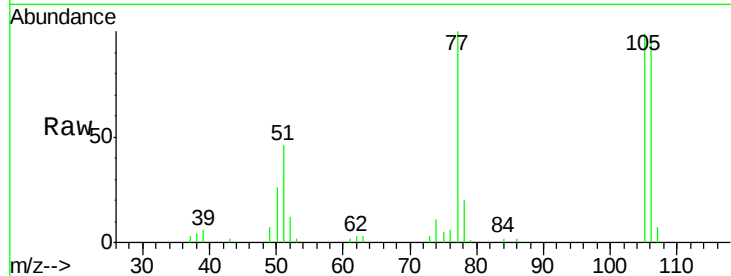
ClientSampleId :

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Tgt Ion:	77	Resp:	36246
Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.1	120.1
106	96.2	75.0	115.0

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#10

Phenol

Concen: 33.40 ng

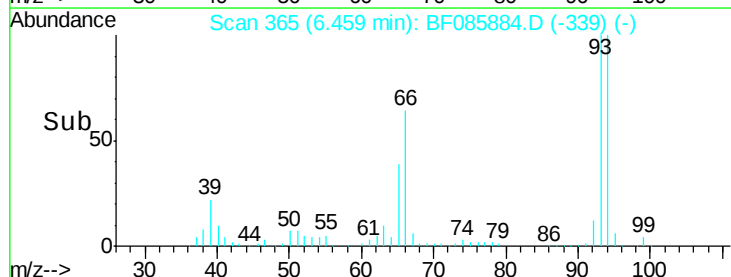
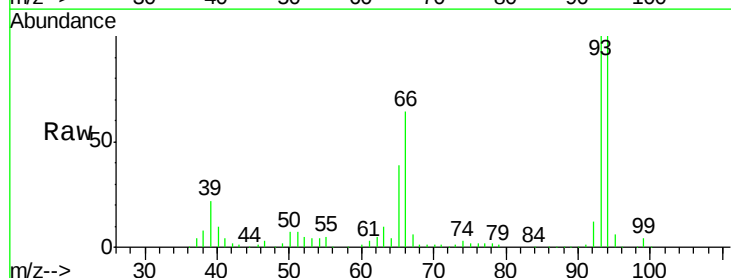
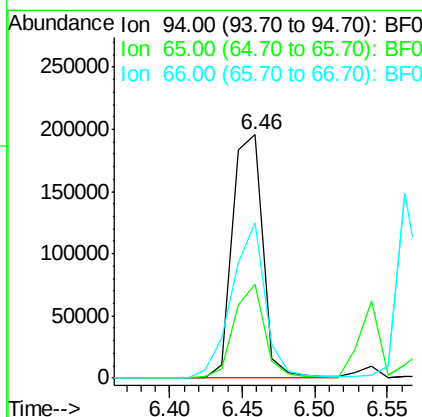
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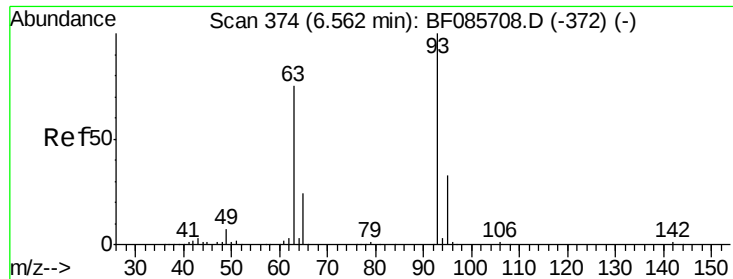
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	94	Resp:	284753
Ion	Ratio	Lower	Upper
94	100		
65	38.6	8.6	48.6
66	64.0	20.0	60.0#





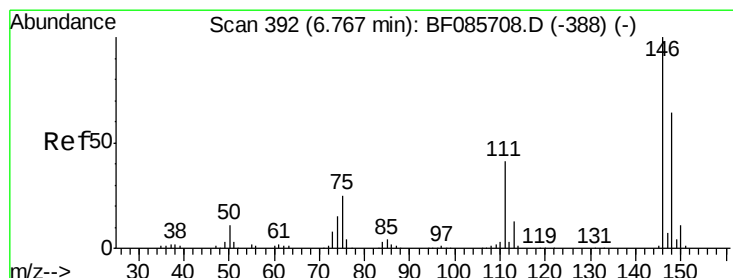
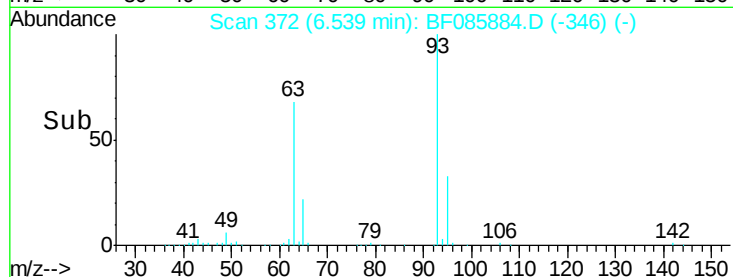
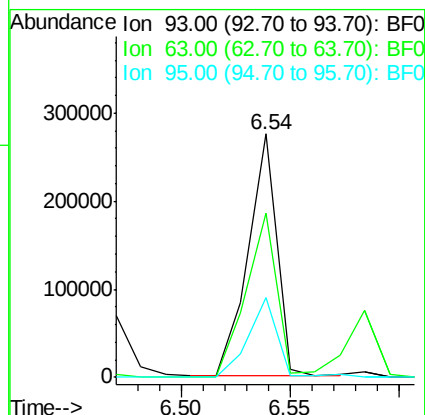
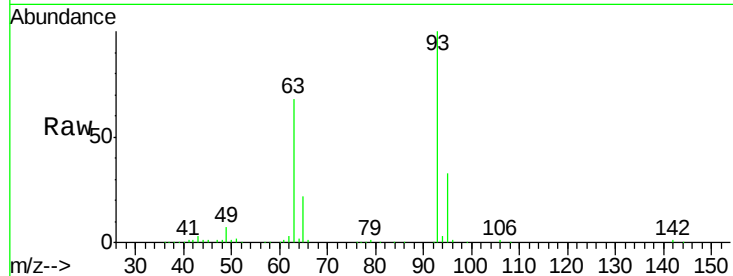
#11
bis(2-Chloroethyl)ether
Concen: 38.01 ng
RT: 6.54 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion:	93	Resp:	249381
Ion Ratio	Lower	Upper	
93	100		
63	67.5	50.9	90.9
95	32.8	13.3	53.3

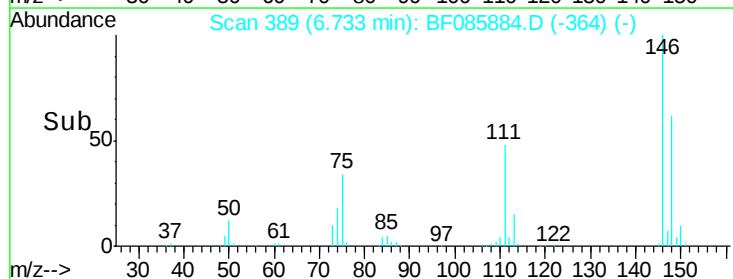
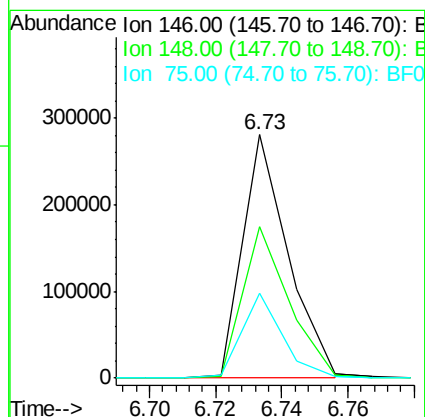
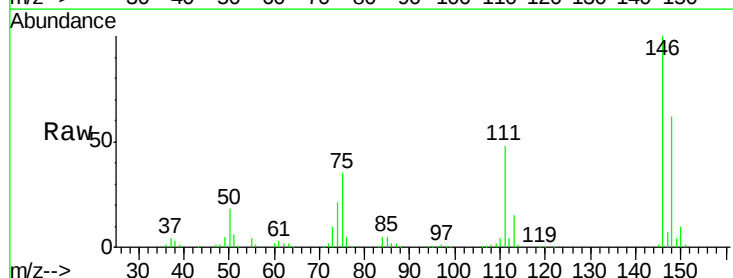
Manual Integrations
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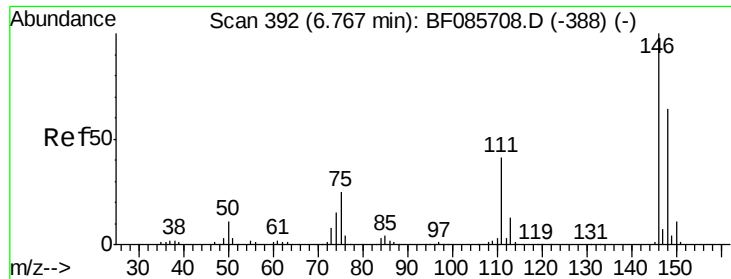
Sohil
3/31/2016 4:51:35 PM



#12
1,3-Dichlorobenzene
Concen: 36.26 ng m
RT: 6.73 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:	146	Resp:	268549
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.3	78.5
75	35.1	17.4	26.2#





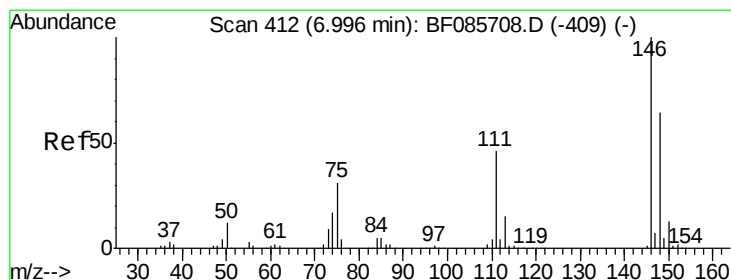
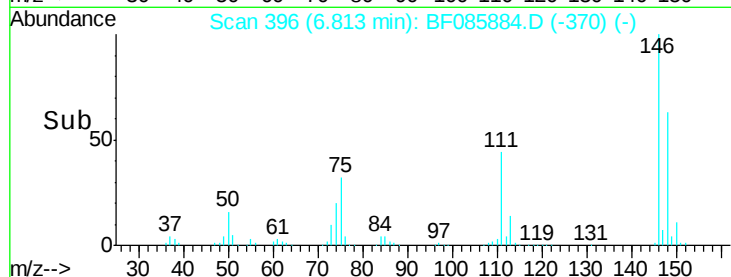
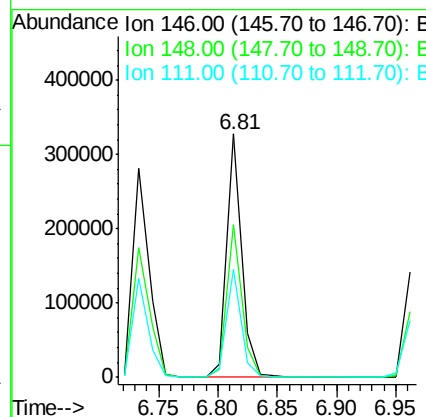
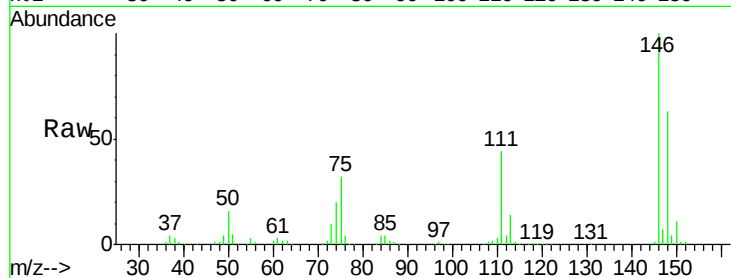
#13
 1,4-Dichlorobenzene
 Concen: 37.72 ng
 RT: 6.81 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	44.2	37.8	56.6

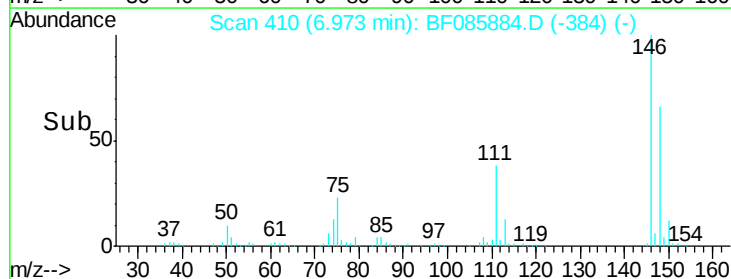
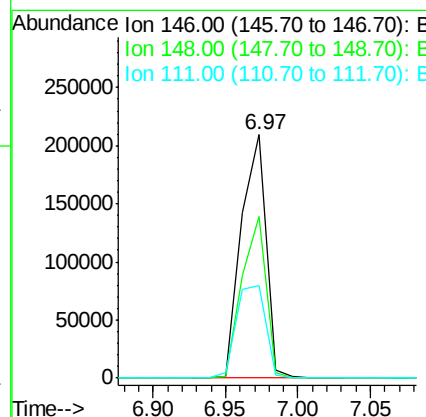
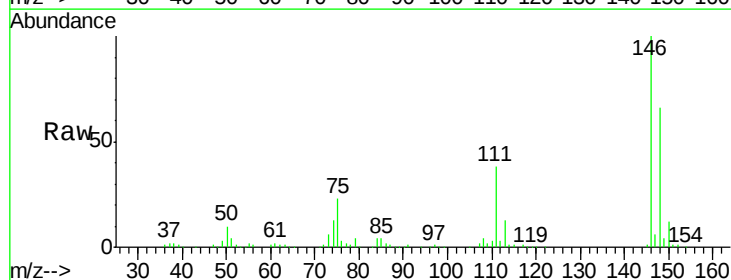
Manual Integrations
 APPROVED

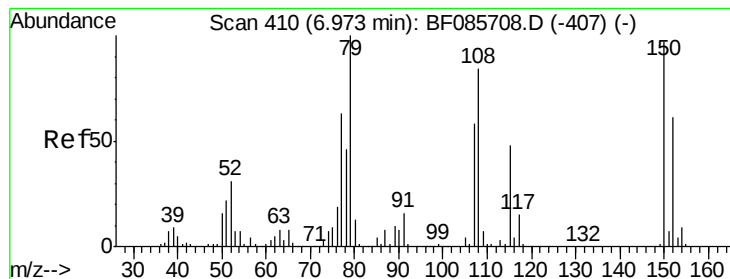
Sohil
 3/31/2016 4:51:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.43 ng
 RT: 6.97 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.2
111	38.0	34.6	52.0





#15

Benzyl Alcohol

Concen: 42.11 ng

RT: 6.95 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

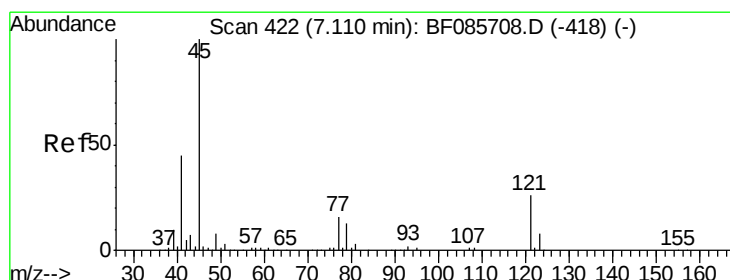
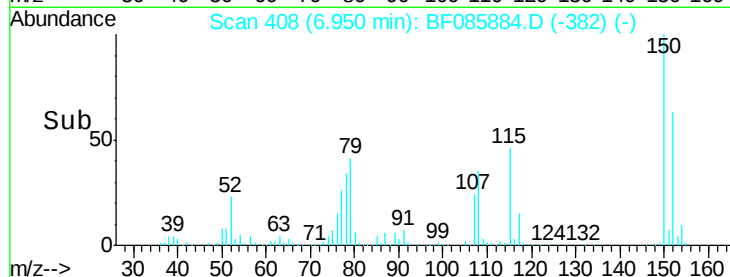
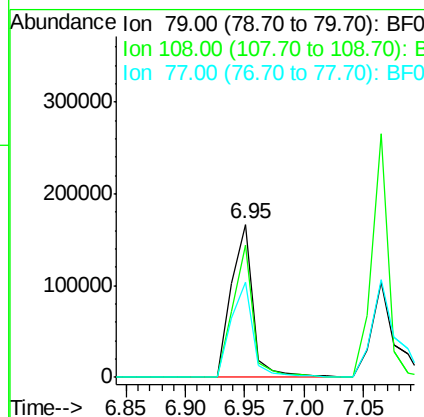
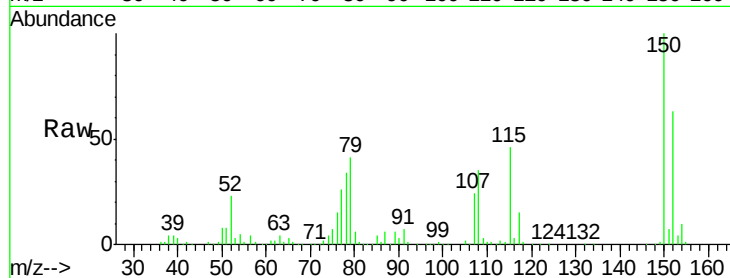
ClientSampleId :

PB89268BSD

Tgt Ion:	79	Resp:	211446
Ion Ratio	Lower	Upper	
79	100		
108	86.4	61.8	92.6
77	62.4	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.04 ng

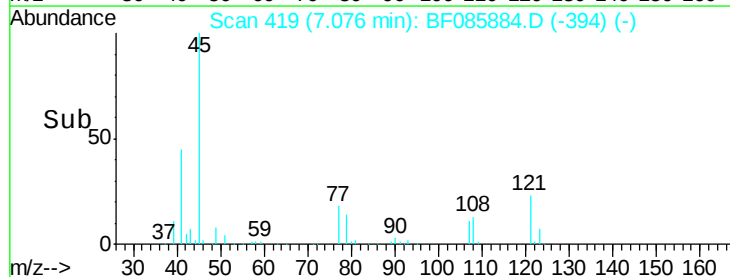
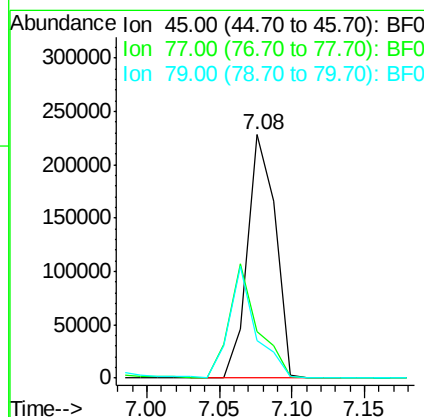
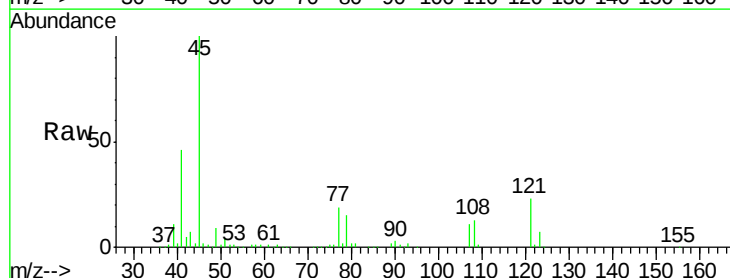
RT: 7.08 min Scan# 419

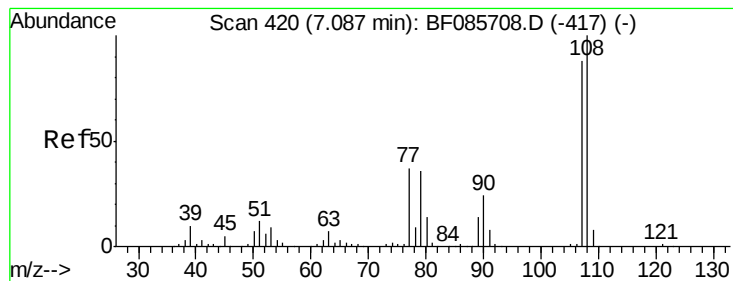
Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	45	Resp:	305000
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	35.7
79	15.4	0.0	32.2





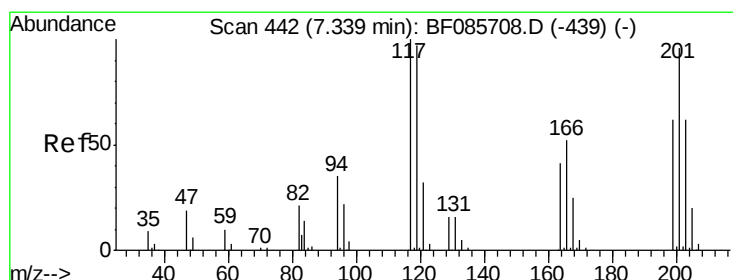
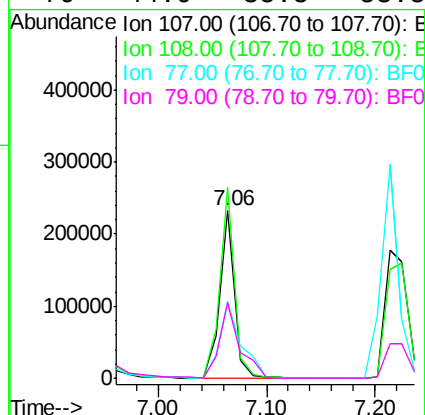
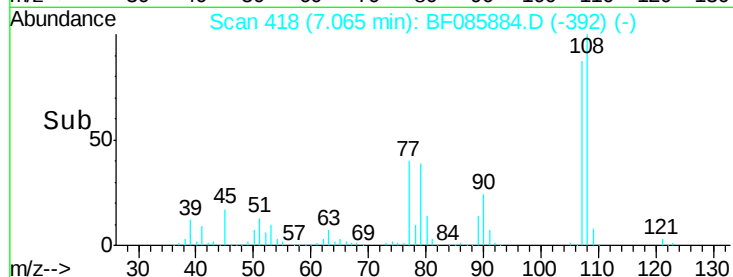
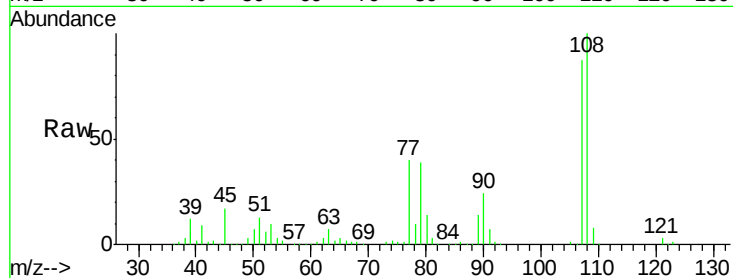
#17
2-Methylphenol
Concen: 40.43 ng
RT: 7.06 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	222577		
108	114.4	91.4	137.0	
77	46.1	36.2	54.2	
79	44.9	35.8	53.8	

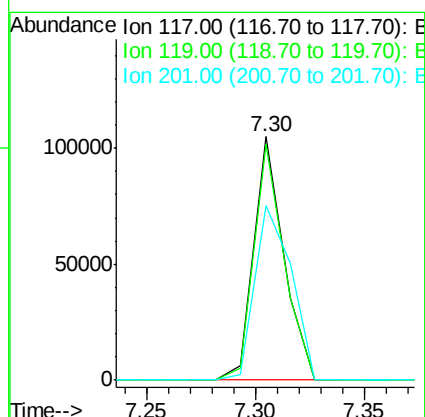
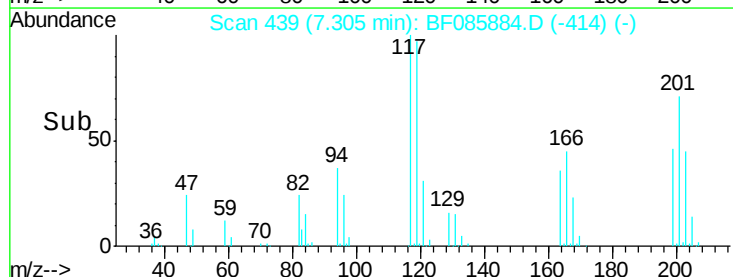
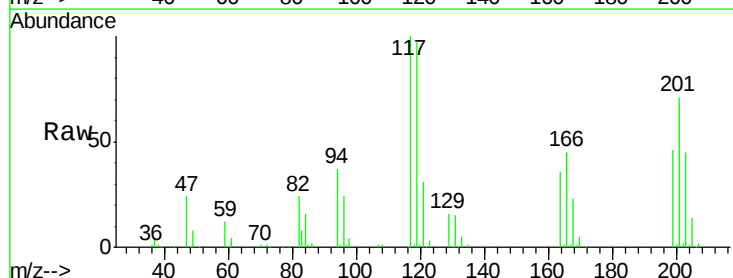
Manual Integrations
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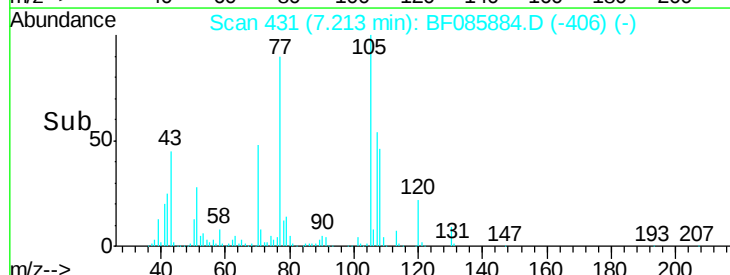
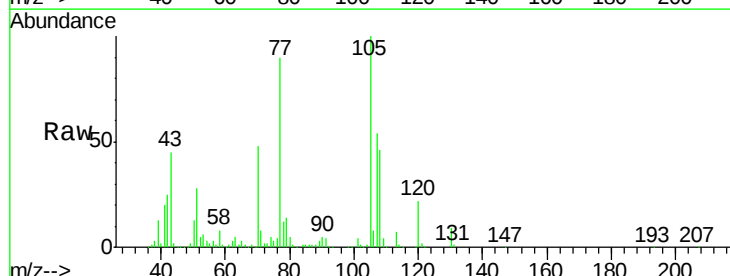
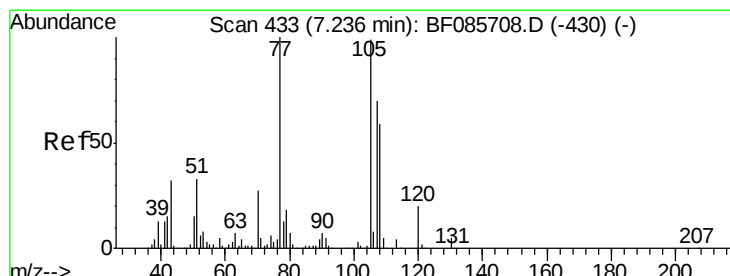
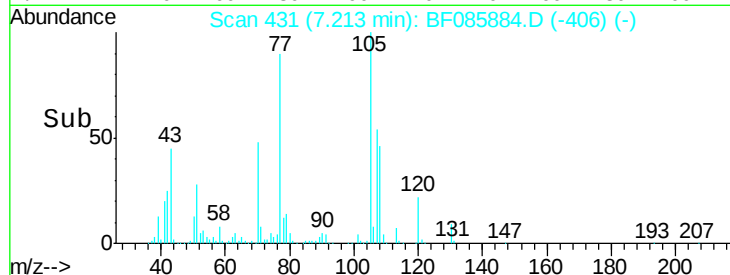
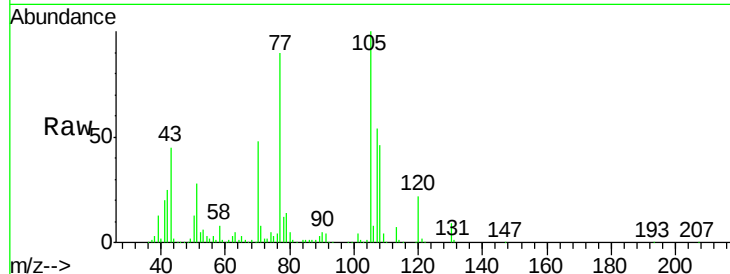
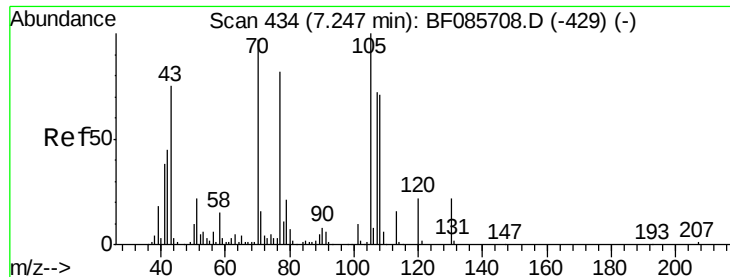
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#18
Hexachloroethane
Concen: 36.56 ng
RT: 7.30 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	100553		
119	96.9	76.7	115.1	
201	71.5	83.3	124.9	





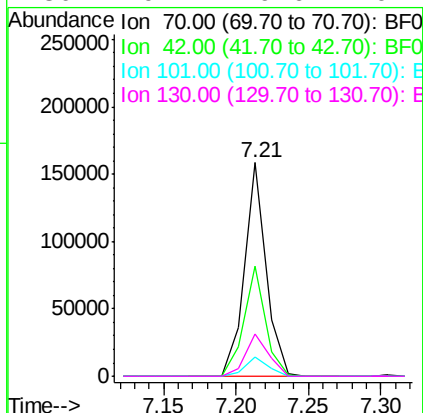
#19
n-Nitroso-di-n-propylamine
Concen: 36.41 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.6	37.1	55.7
101	9.2	8.6	12.8
130	19.7	19.6	29.4

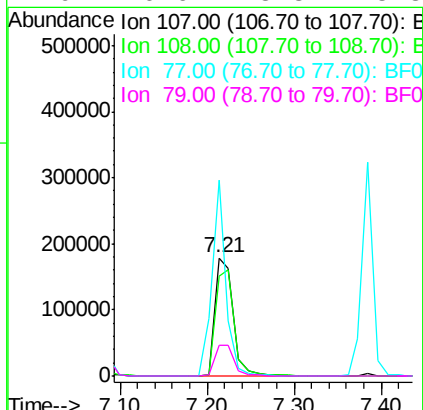
Manual Integrations
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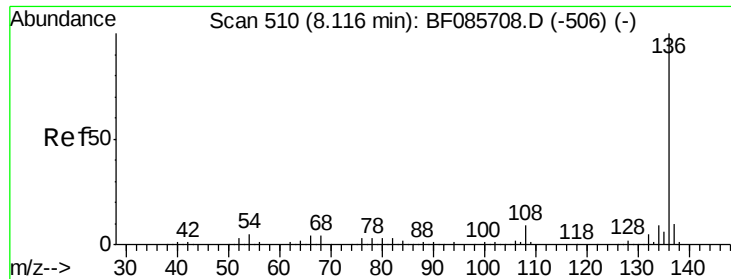
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#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	69.3	109.3
77	166.4	101.7	141.7#
79	26.6	8.3	48.3





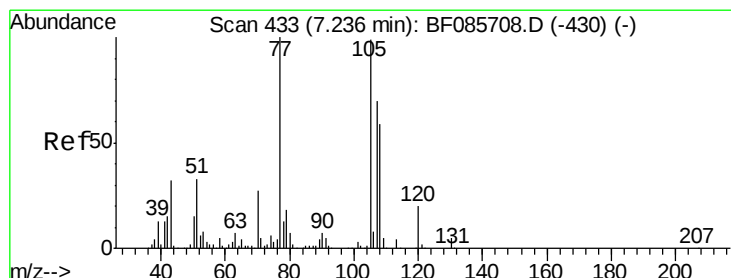
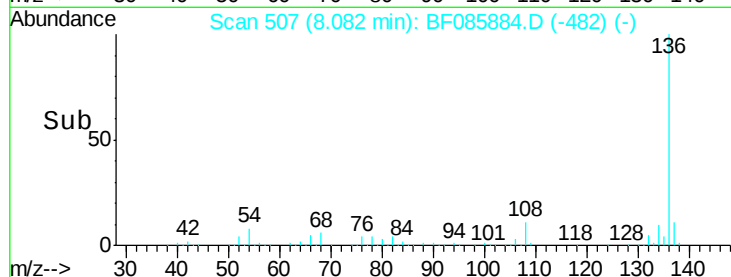
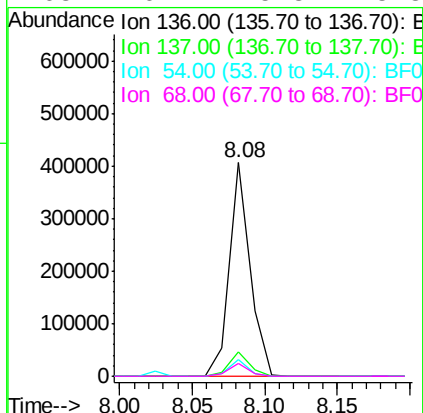
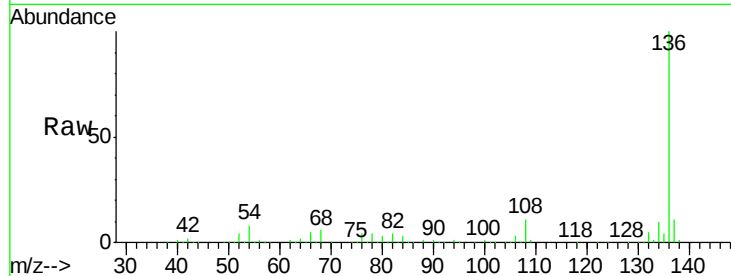
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	401790		
137	11.2	9.1	13.7	
54	7.7	7.4	11.0	
68	6.2	5.8	8.8	

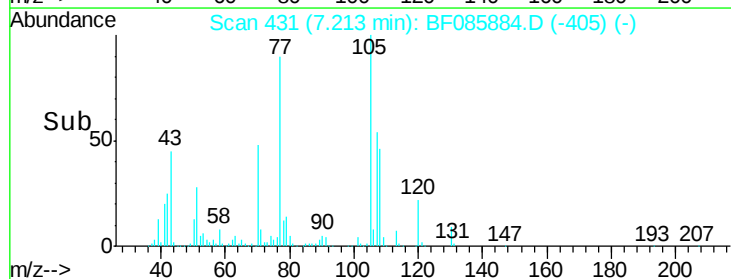
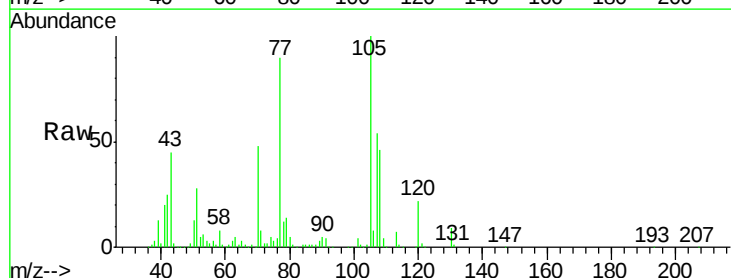
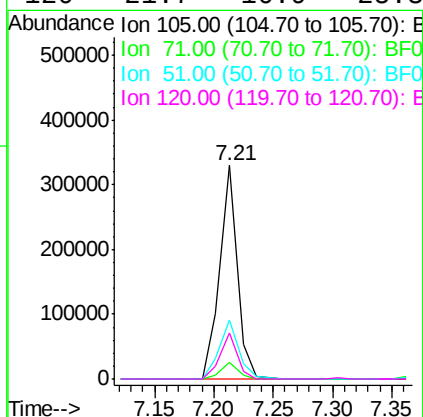
Manual Integrations
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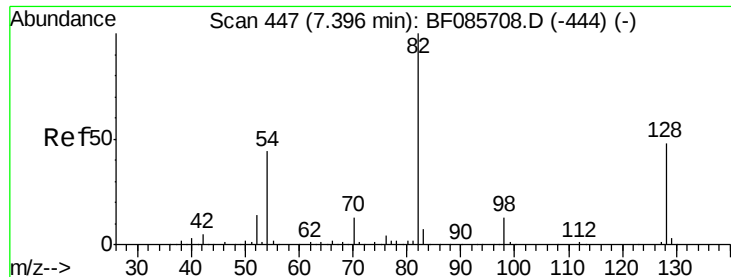
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#22
Acetophenone
Concen: 36.03 ng
RT: 7.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337272		
71	7.9	3.6	5.4#	
51	27.9	25.4	38.0	
120	21.7	16.9	25.3	





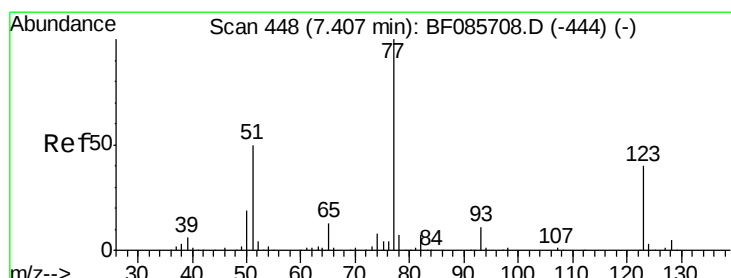
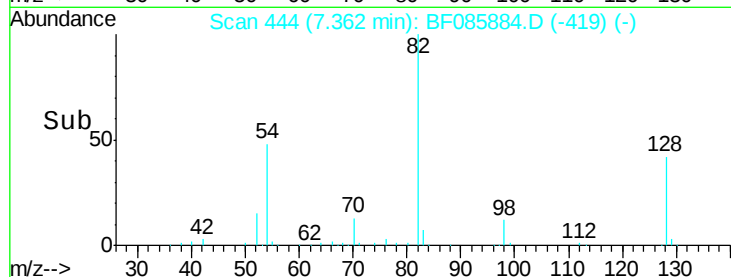
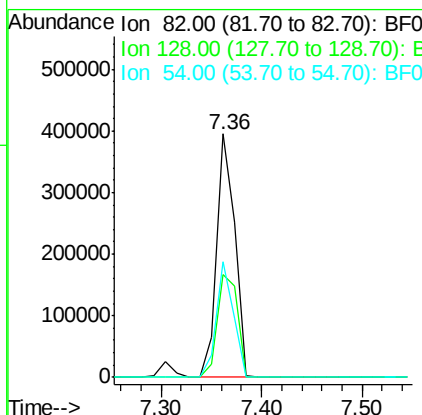
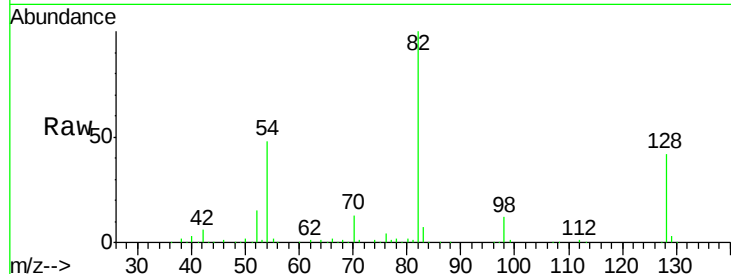
#23
 Nitrobenzene-d5
 Concen: 69.21 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	493790		
128	42.0	41.8	62.8	
54	47.7	33.4	50.0	

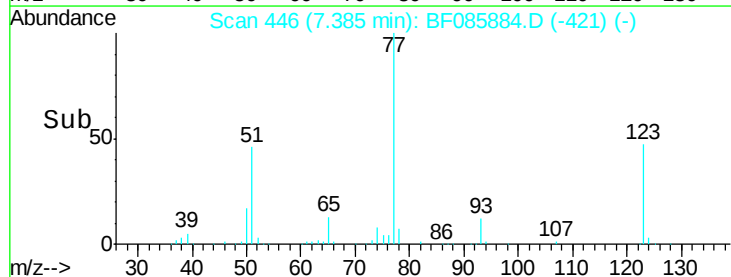
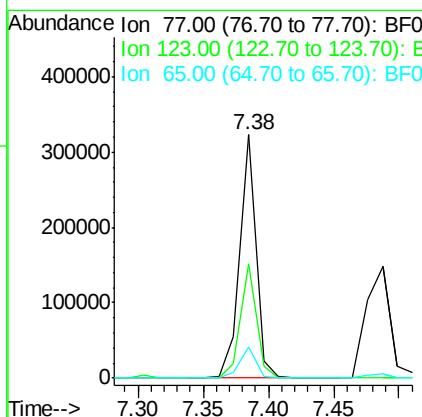
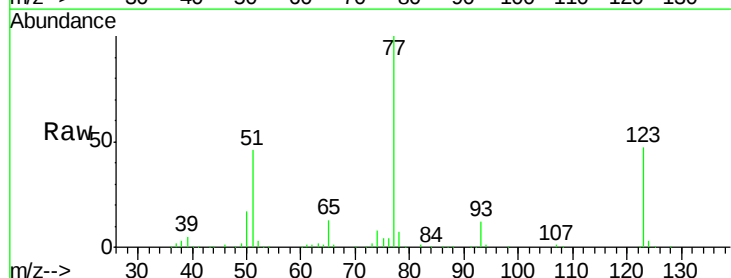
Manual Integrations
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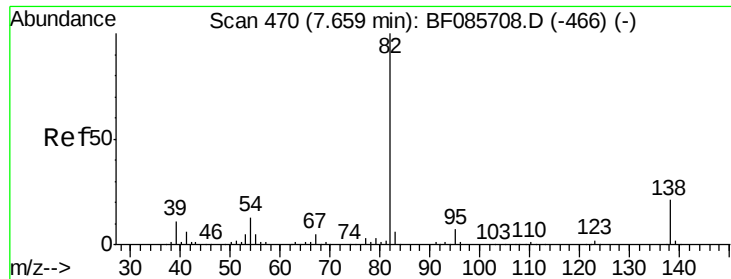
Sohil
 3/31/2016 4:51:35 PM



#24
 Nitrobenzene
 Concen: 37.92 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	278870		
123	47.1	35.0	52.4	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 36.41 ng

RT: 7.62 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

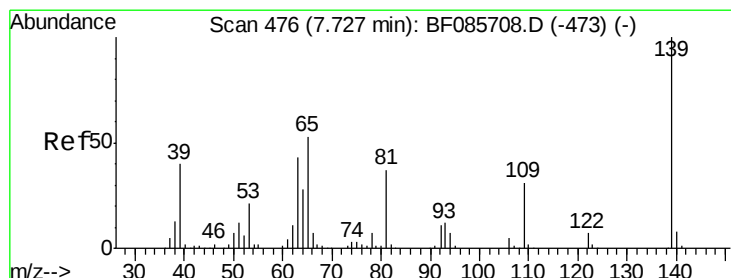
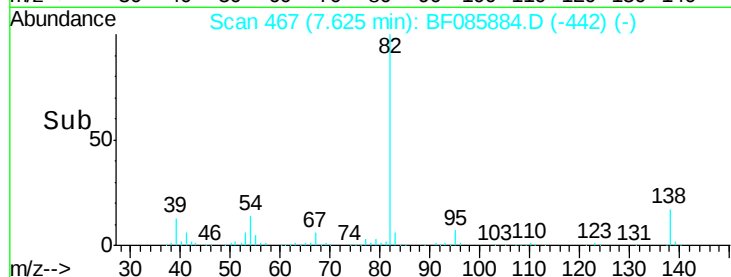
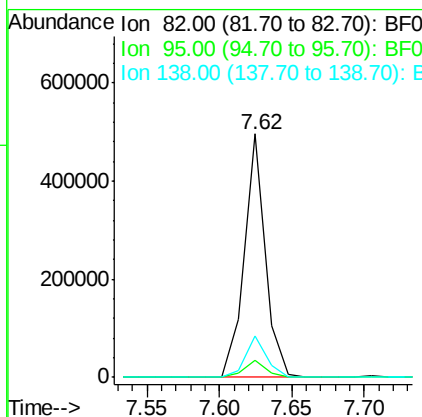
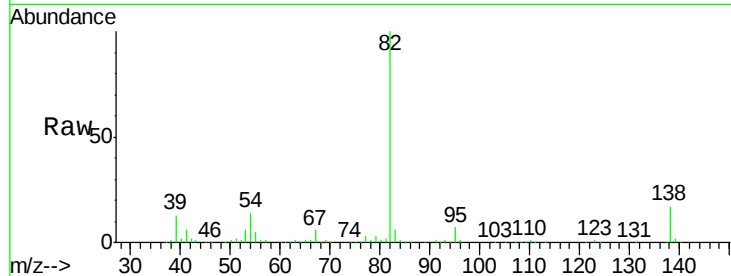
ClientSampleId :

PB89268BSD

Tgt Ion:	82	Resp:	500492
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	17.0	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.96 ng

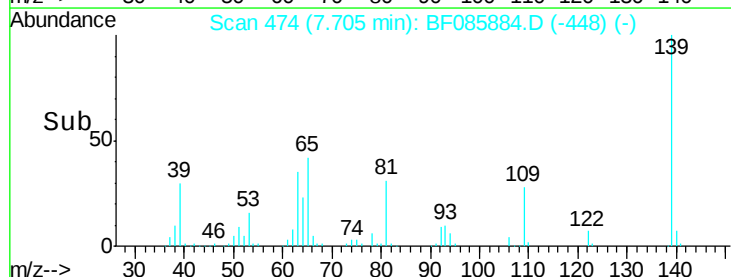
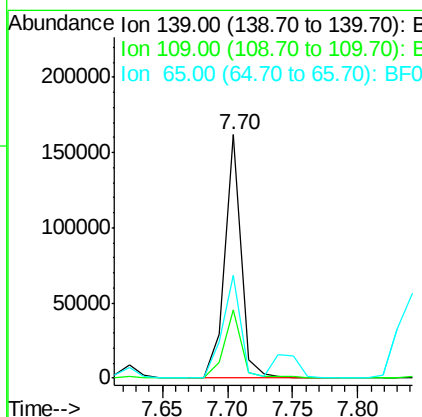
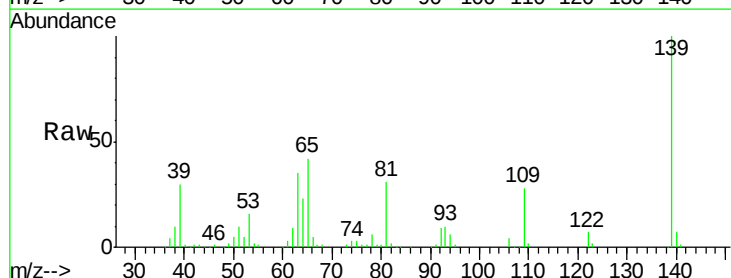
RT: 7.70 min Scan# 474

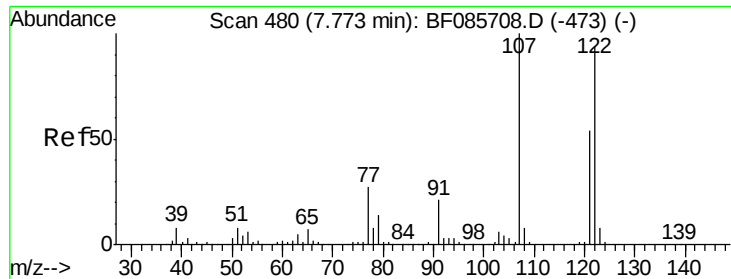
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	139	Resp:	143364
Ion Ratio		Lower	Upper
139	100		
109	28.2	22.1	33.1
65	42.2	33.9	50.9





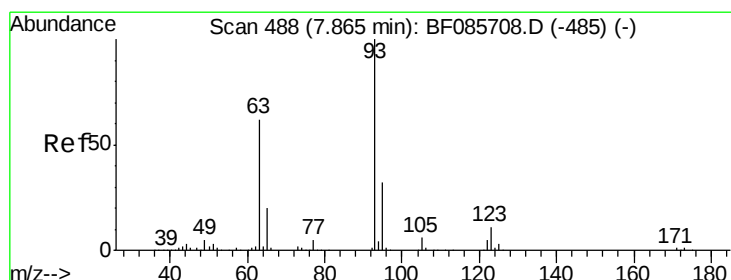
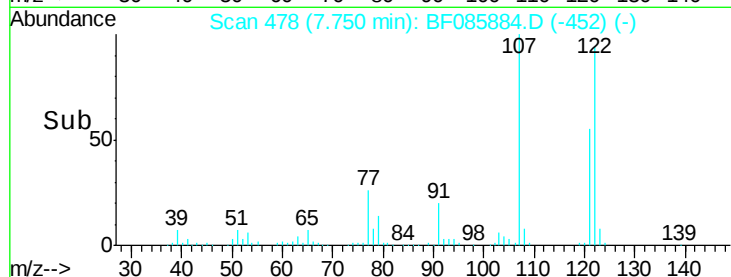
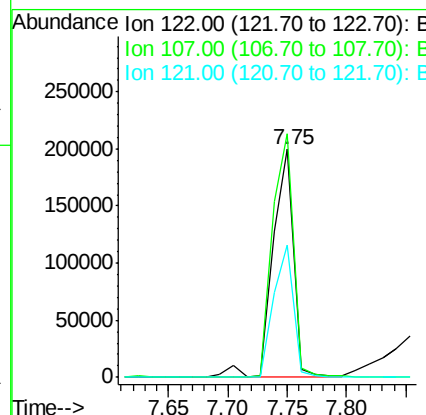
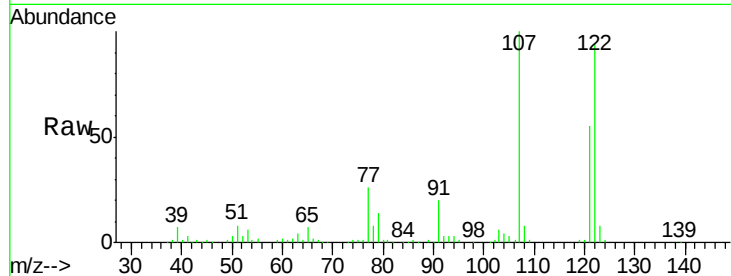
#27
 2,4-Dimethylphenol
 Concen: 37.84 ng
 RT: 7.75 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	243377		
107	106.8	93.0	139.6	
121	58.2	45.9	68.9	

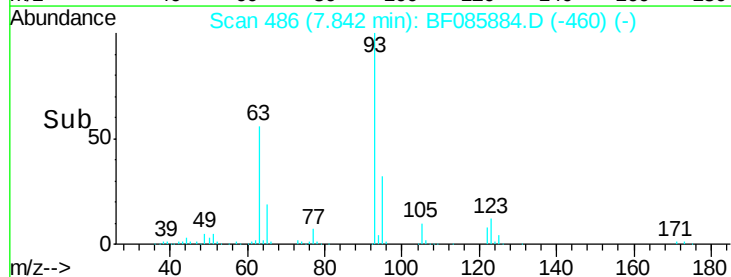
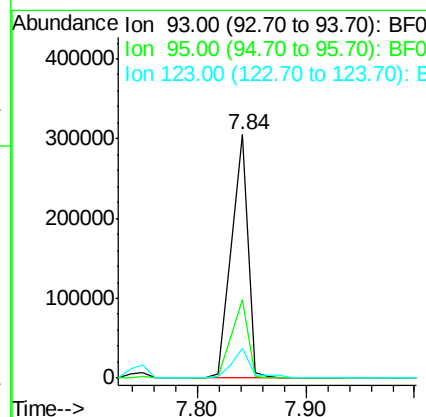
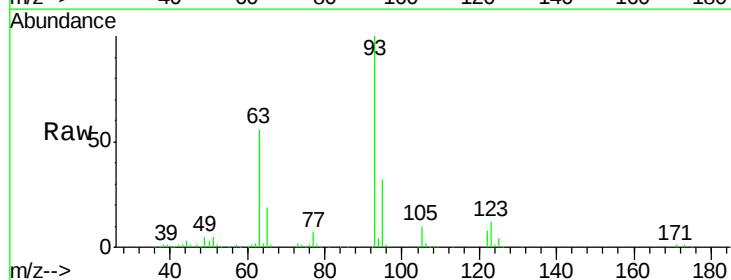
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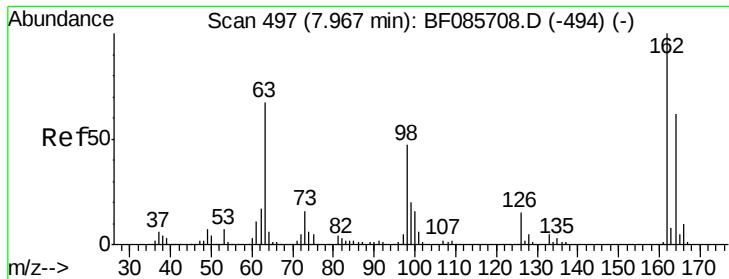
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.74 ng
 RT: 7.84 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319060		
95	32.4	26.4	39.6	
123	12.3	9.8	14.6	





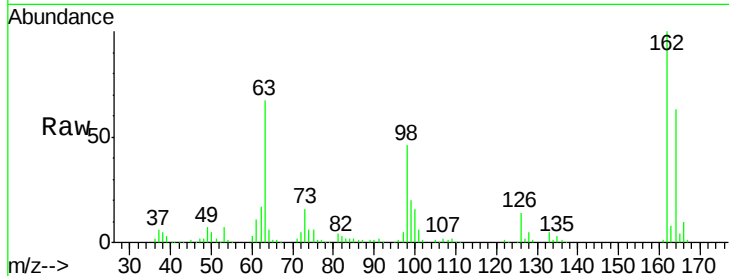
#29
 2,4-Dichlorophenol
 Concen: 37.63 ng
 RT: 7.94 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

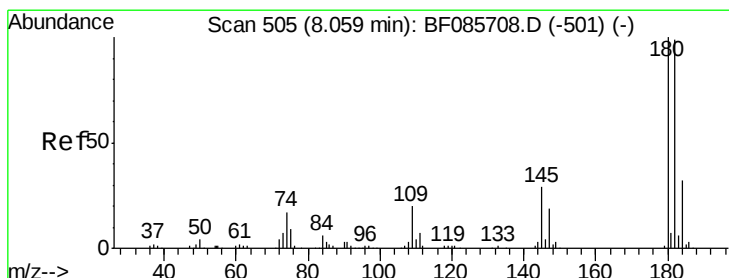
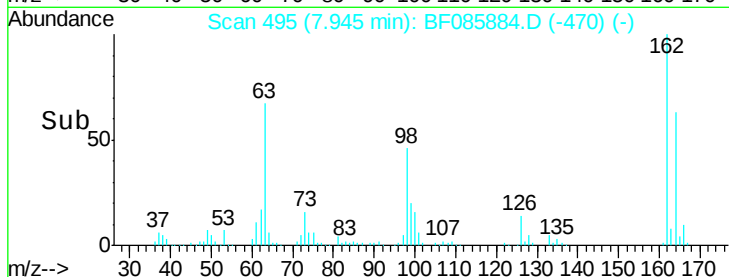
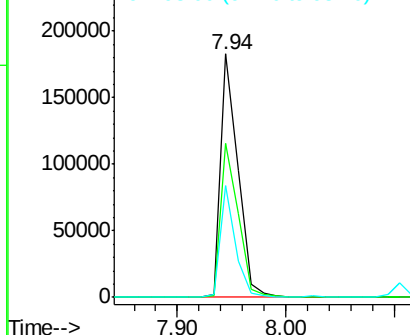
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	203426		
164	63.4	43.7	83.7	
98	46.0	20.4	60.4	

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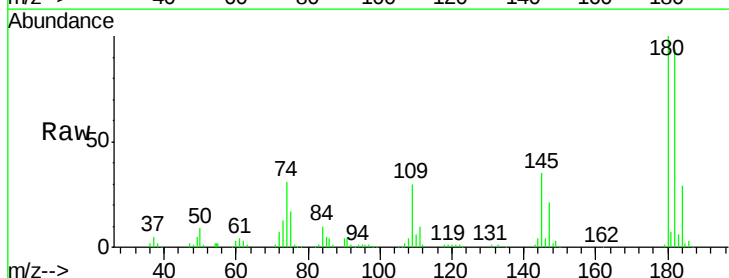


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

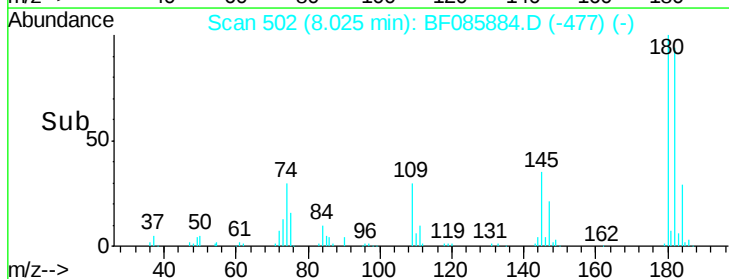
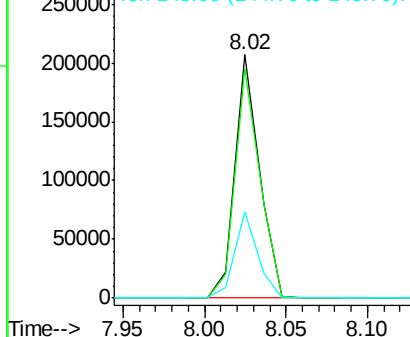


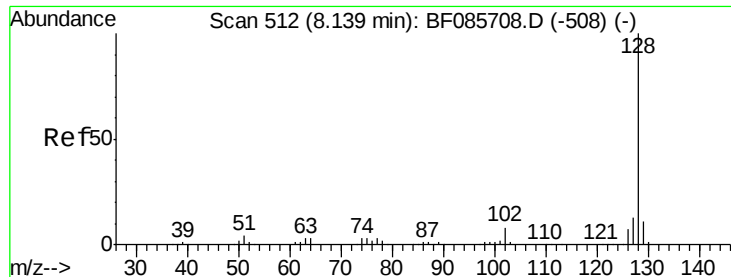
#30
 1,2,4-Trichlorobenzene
 Concen: 35.47 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212884		
182	94.3	73.8	110.8	
145	35.2	28.4	42.6	



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





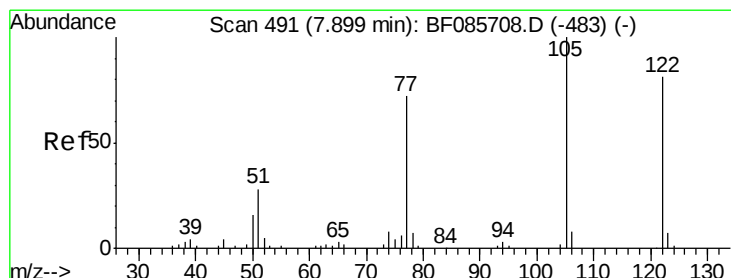
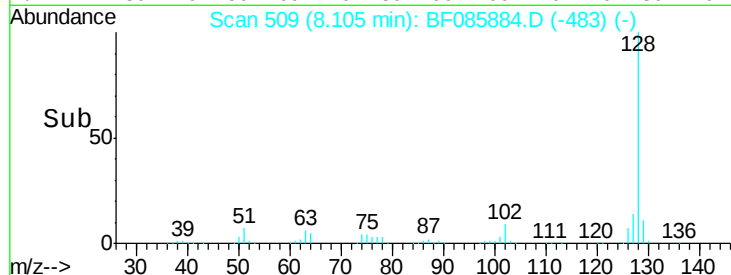
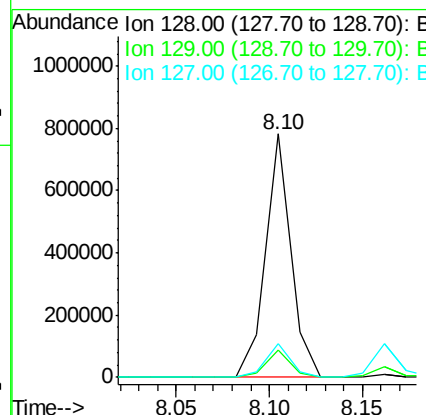
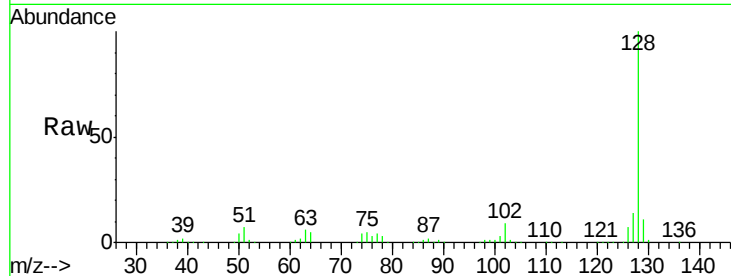
#31
Naphthalene
Concen: 36.20 ng
RT: 8.10 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	9.4	14.0
127	13.7	11.0	16.6

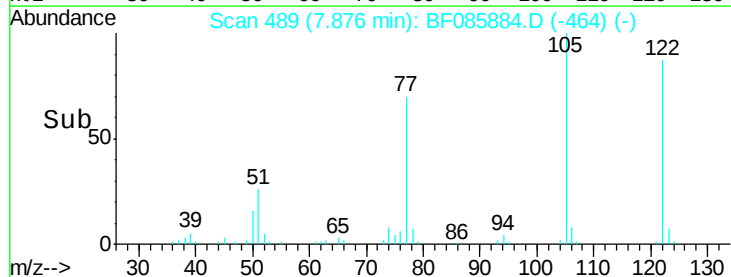
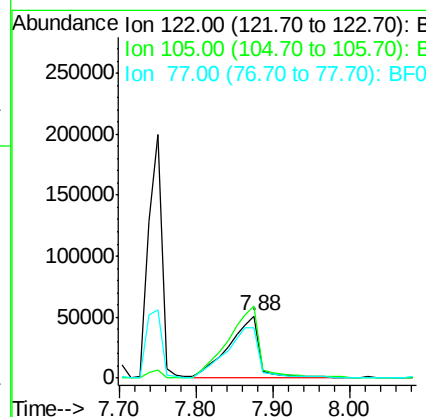
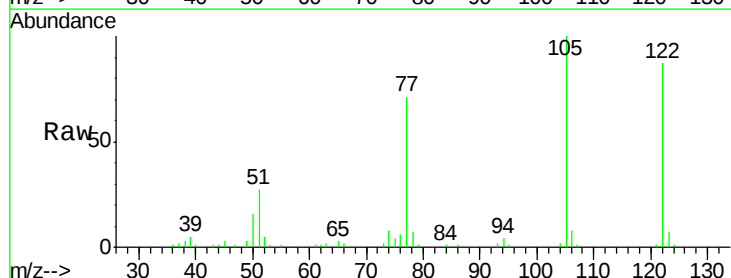
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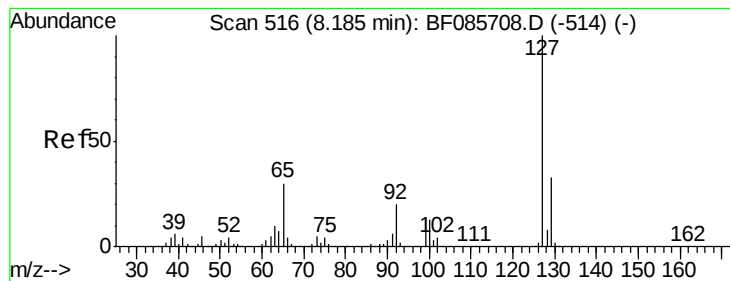
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#32
Benzoic acid
Concen: 32.42 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	114.7	102.9	142.9
77	81.2	71.8	111.8





#33

4-Chloroaniline

Concen: 13.24 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085884.D

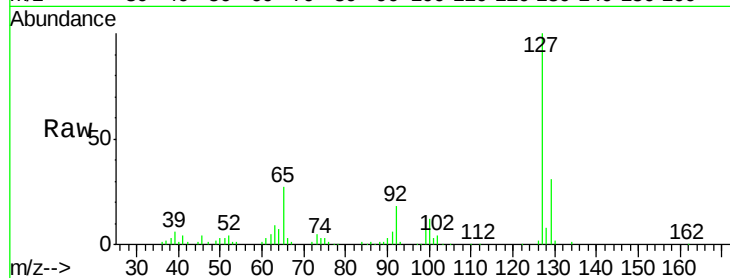
Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

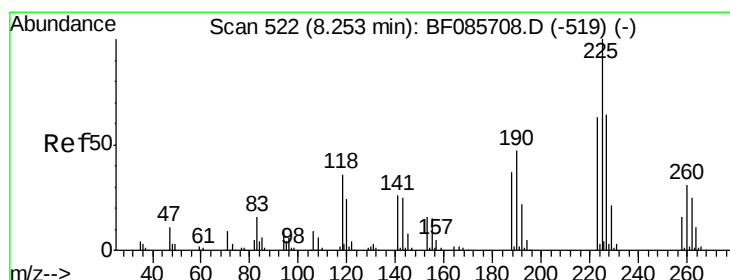
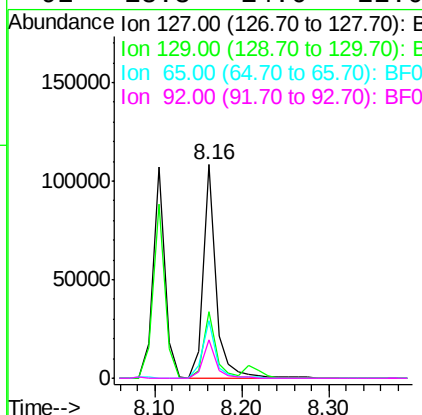
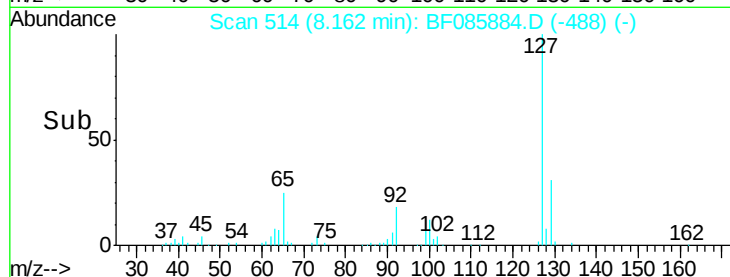
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	109480		
129	31.2	26.1	39.1	
65	26.8	19.5	29.3	
92	18.3	14.6	22.0	

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#34

Hexachlorobutadiene

Concen: 34.54 ng

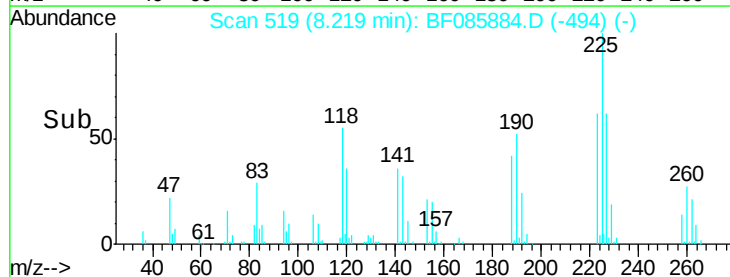
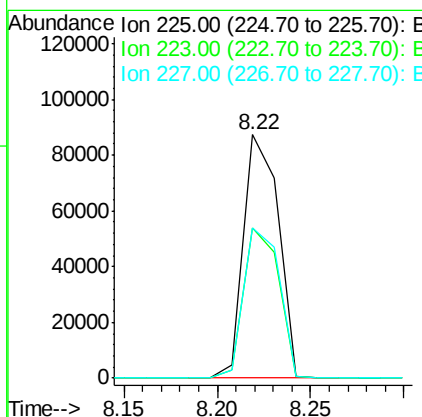
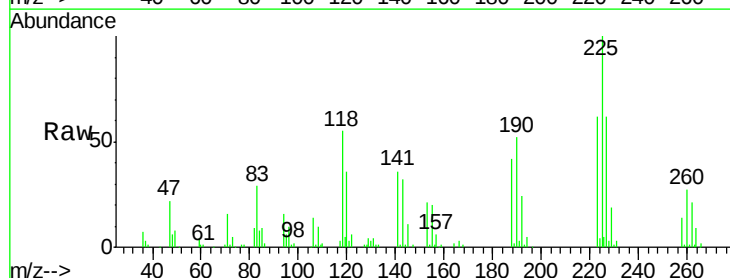
RT: 8.22 min Scan# 519

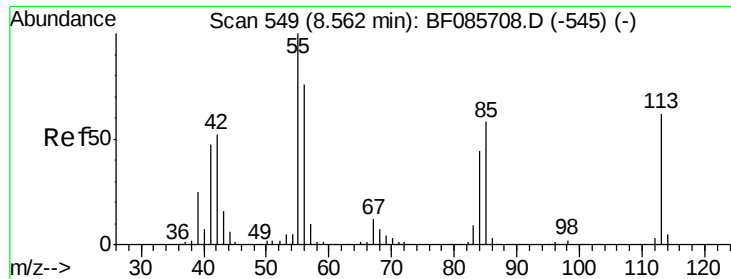
Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112668		
223	61.8	50.4	75.6	
227	61.6	51.4	77.2	





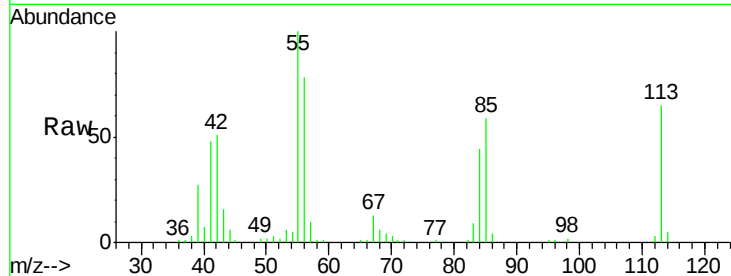
#35
Caprolactam
Concen: 36.09 ng m
RT: 8.53 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

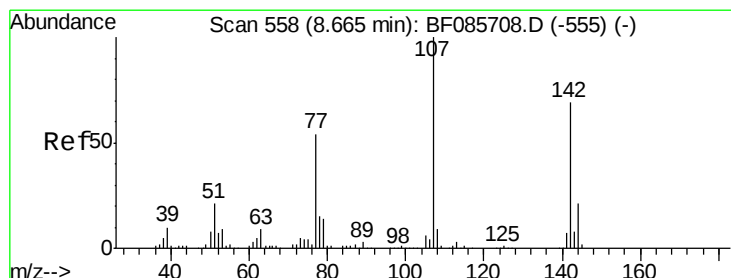
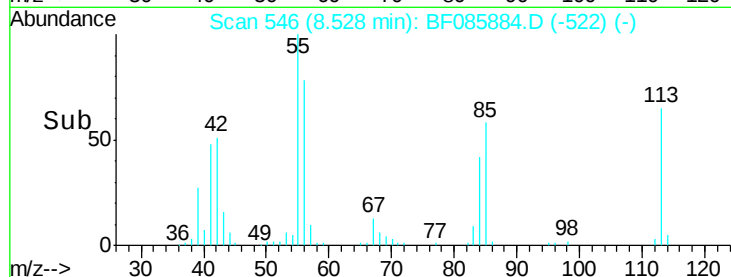
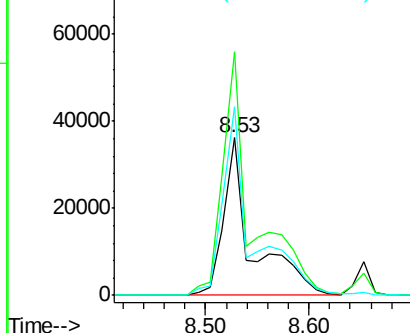
Tgt Ion:113 Resp: 69120
Ion Ratio Lower Upper
113 100
55 154.6 139.4 179.4
56 119.8 100.4 140.4

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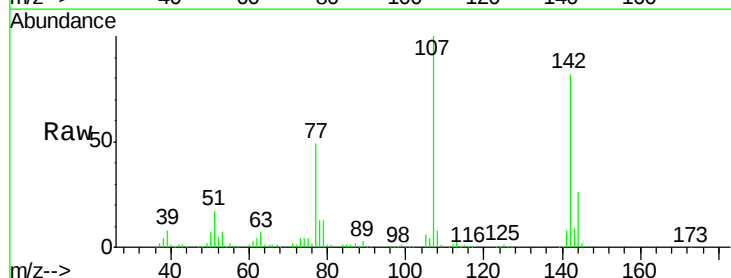


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

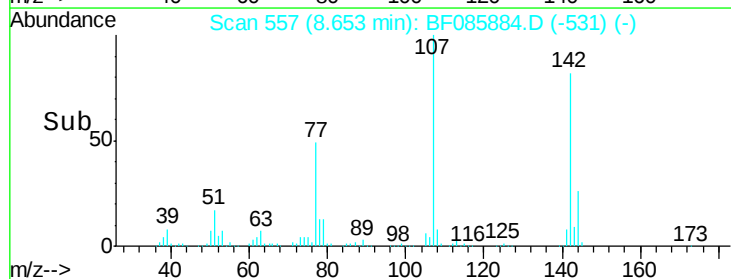
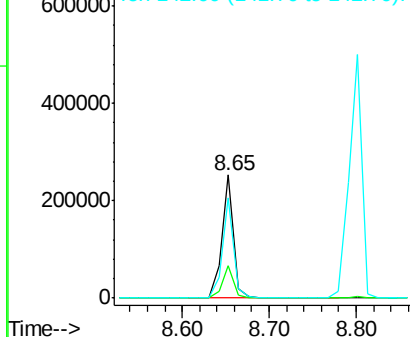


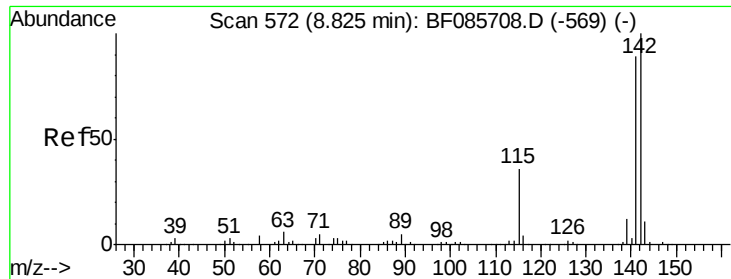
#36
4-Chloro-3-methylphenol
Concen: 38.01 ng
RT: 8.65 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:107 Resp: 240070
Ion Ratio Lower Upper
107 100
144 26.2 19.3 28.9
142 81.7 61.4 92.0



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





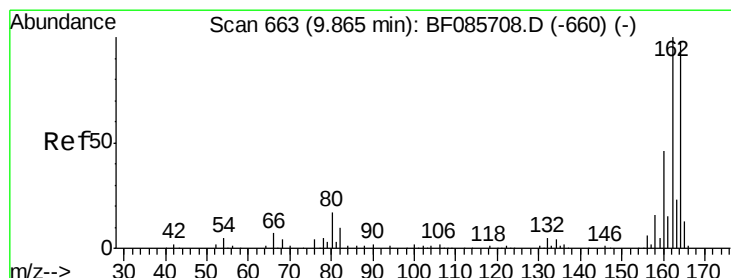
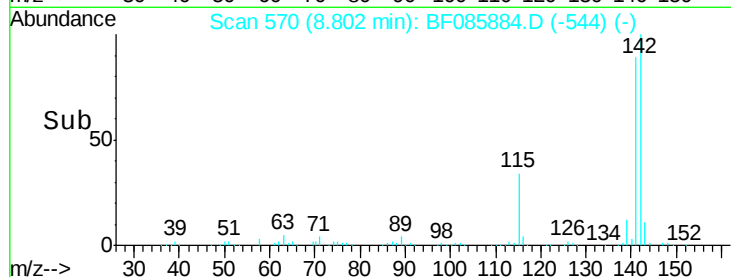
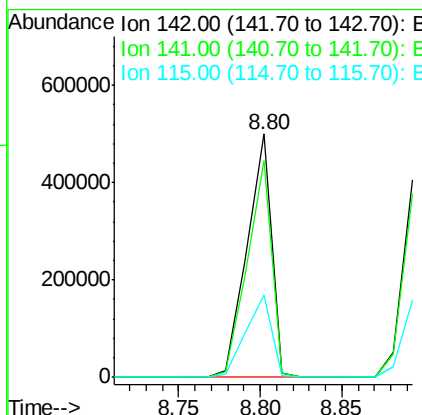
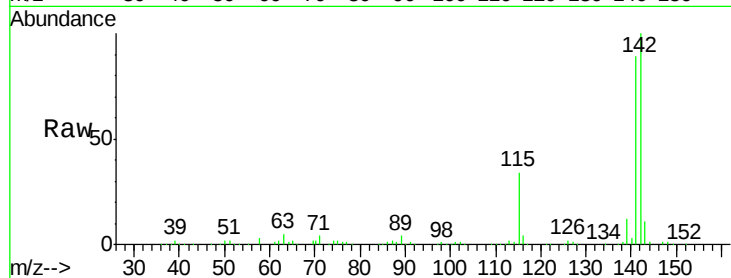
#37
2-Methylnaphthalene
Concen: 44.09 ng
RT: 8.80 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	33.9	26.8	40.2

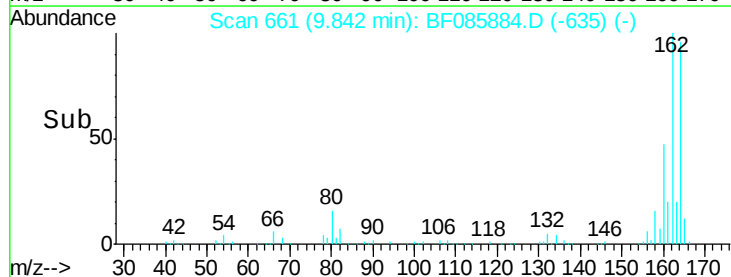
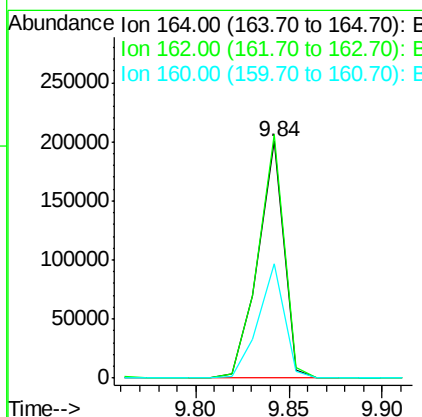
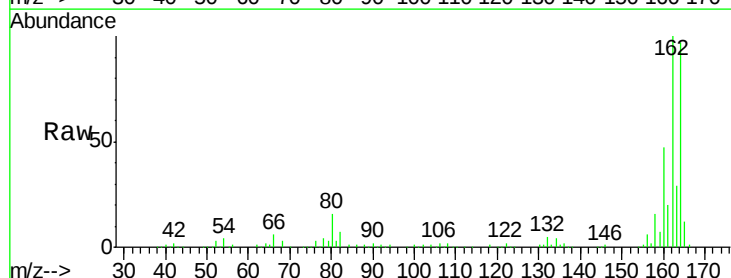
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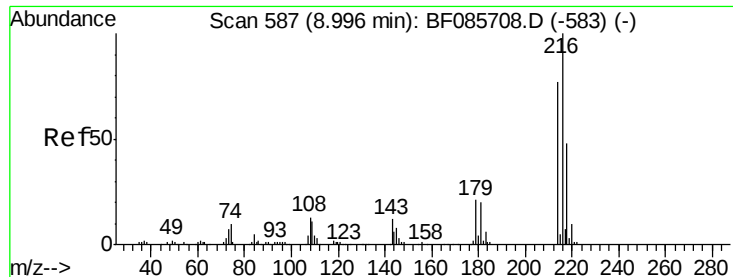
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	48.1	37.4	56.2





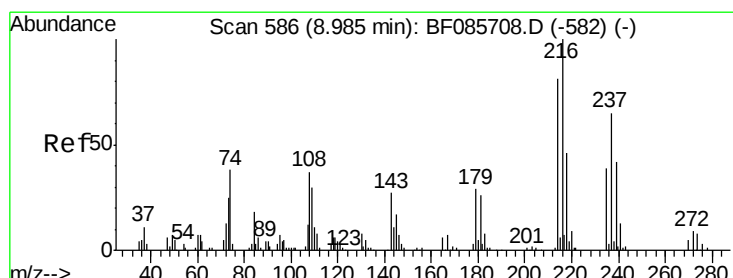
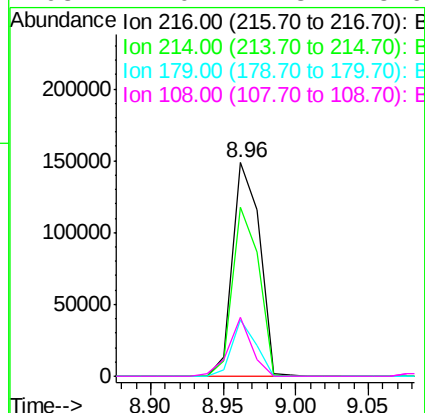
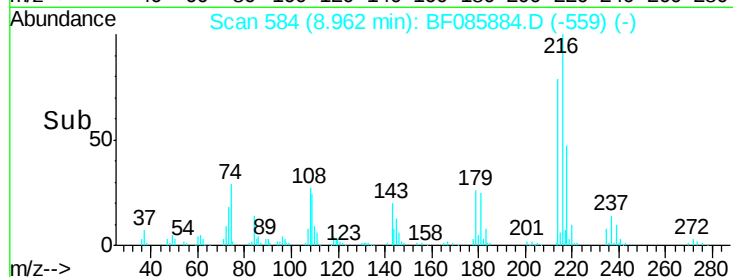
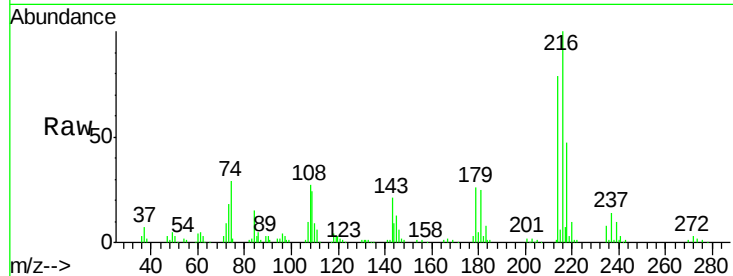
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.75 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	192095		
214	77.6	63.1	94.7	
179	23.3	18.2	27.2	
108	24.0	17.3	25.9	

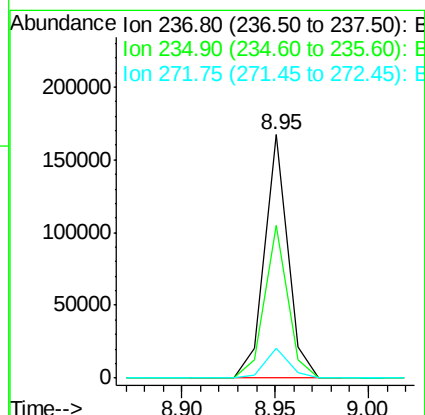
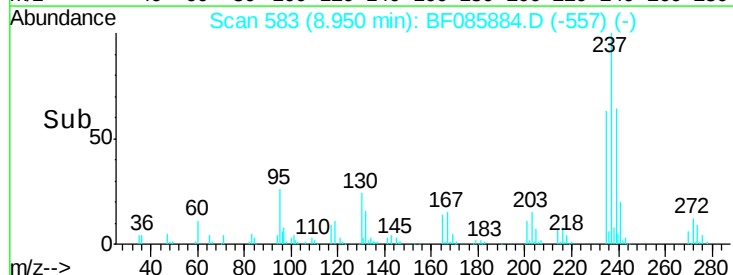
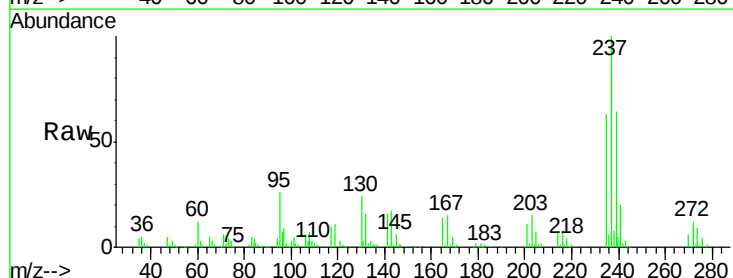
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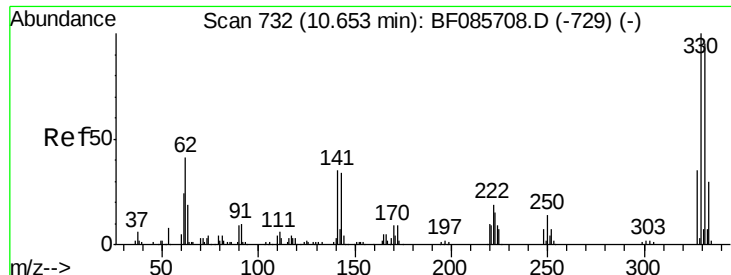
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#40
 Hexachlorocyclopentadiene
 Concen: 62.80 ng
 RT: 8.95 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	143677		
235	62.9	43.7	83.7	
272	12.2	0.0	31.9	





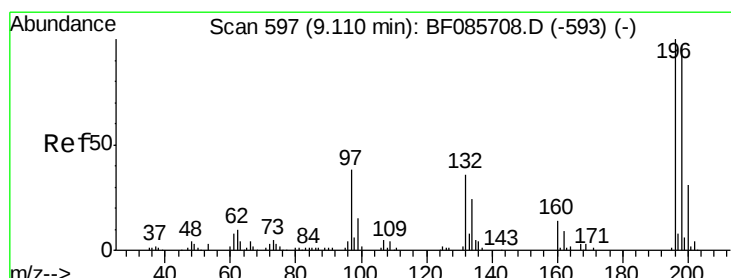
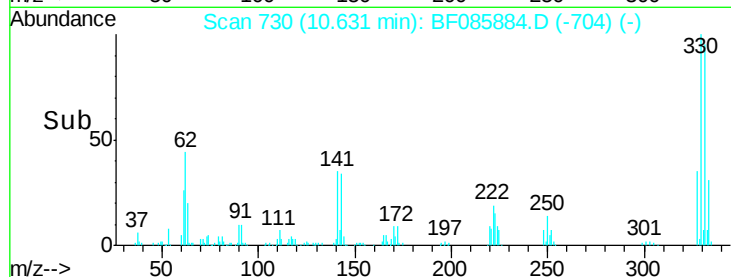
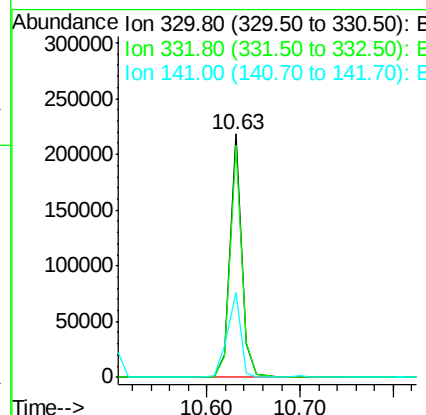
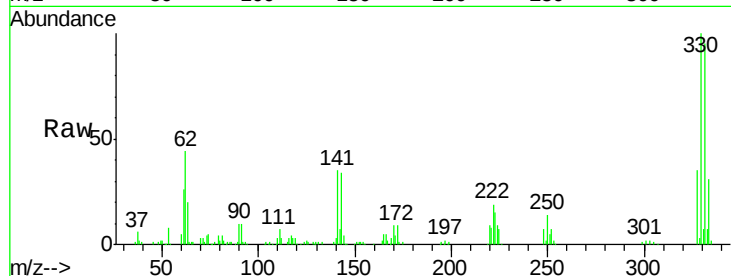
#41
 2,4,6-Tribromophenol
 Concen: 103.48 ng
 RT: 10.63 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188702		
332	96.0	78.2	117.2	
141	40.1	31.5	47.3	

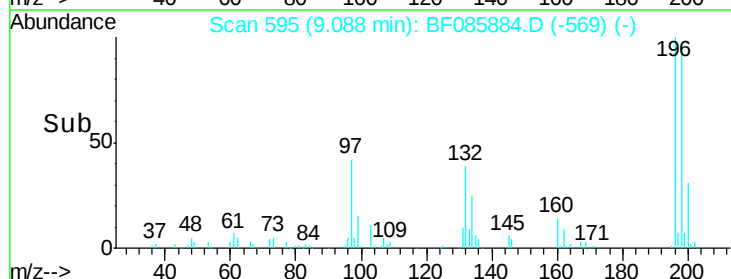
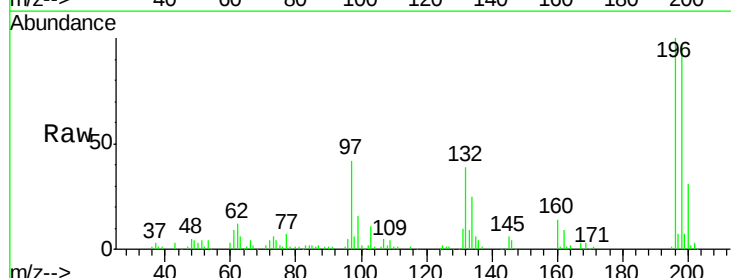
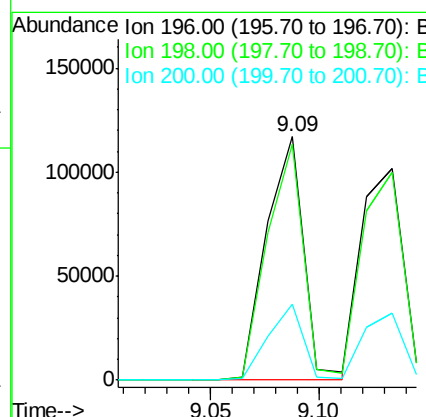
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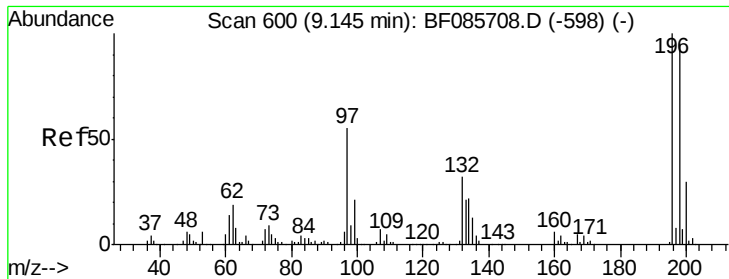
Sohil
 3/31/2016 4:51:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.38 ng
 RT: 9.09 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

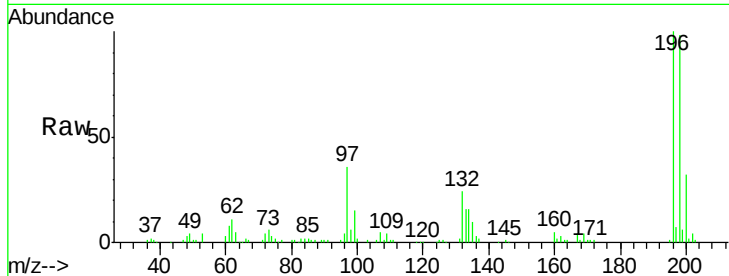
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139851		
198	96.9	75.3	112.9	
200	31.4	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 34.81 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

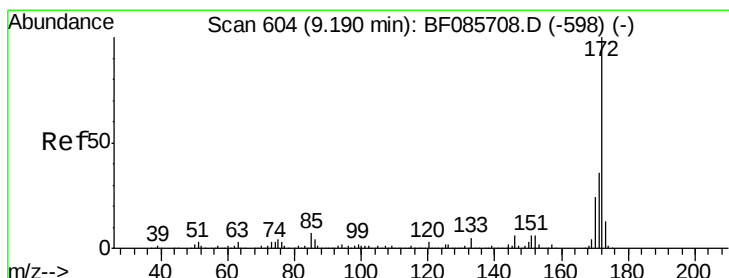
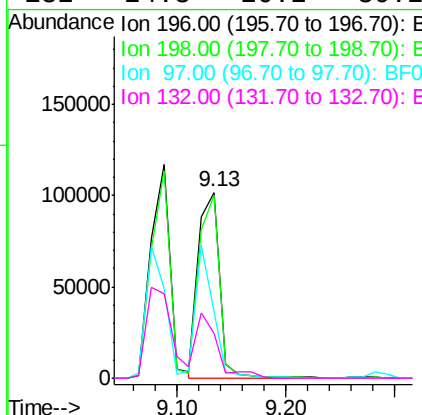
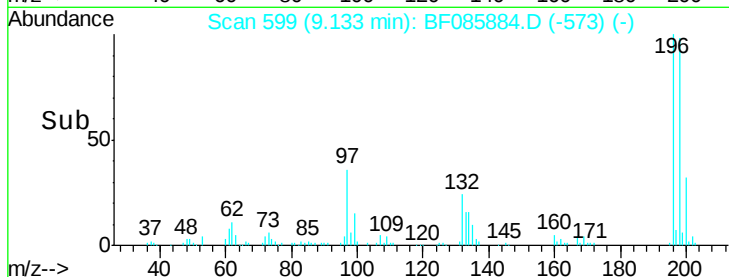
Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140316		
198	98.3	76.6	114.8	
97	36.1	30.5	45.7	
132	24.3	20.2	30.2	

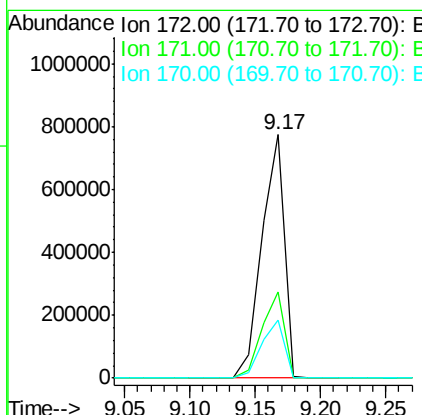
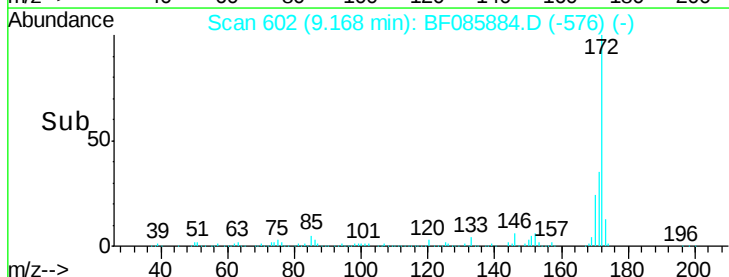
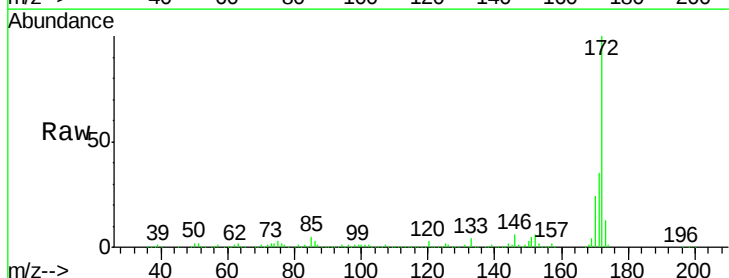
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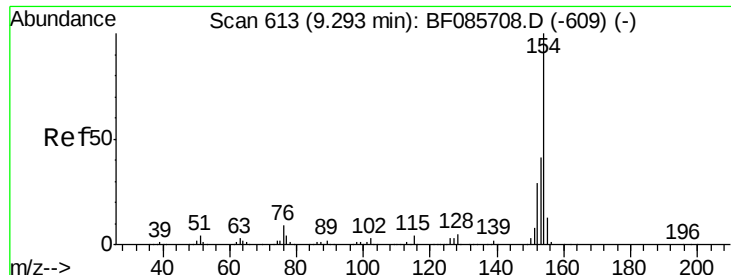
Sohil
 3/31/2016 4:51:35 PM



#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.17 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	930656		
171	35.5	29.4	44.2	
170	23.7	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 33.58 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF085884.D

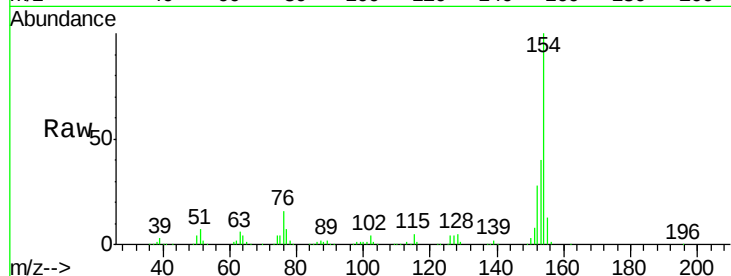
Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD



Tgt Ion:154 Resp: 543824

Ion Ratio Lower Upper

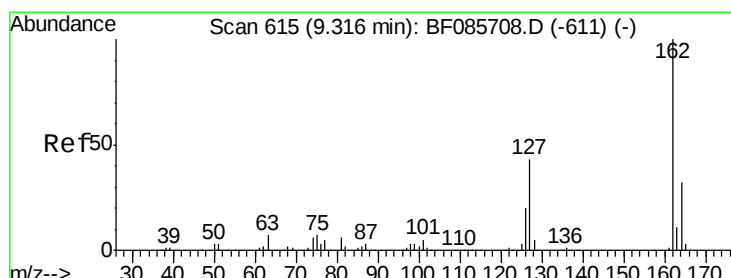
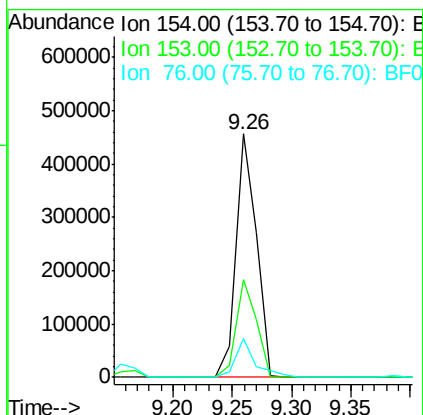
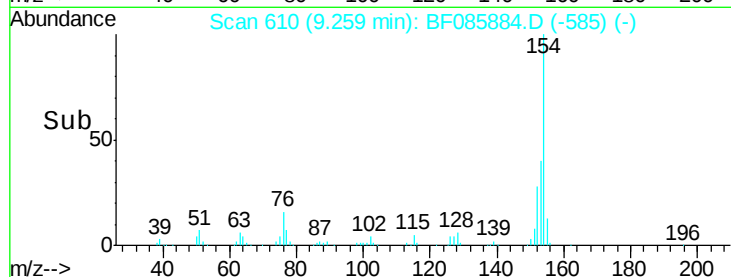
154 100

153 40.1 20.8 60.8

76 15.9 0.0 36.7

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#46

2-Chloronaphthalene

Concen: 36.57 ng

RT: 9.29 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

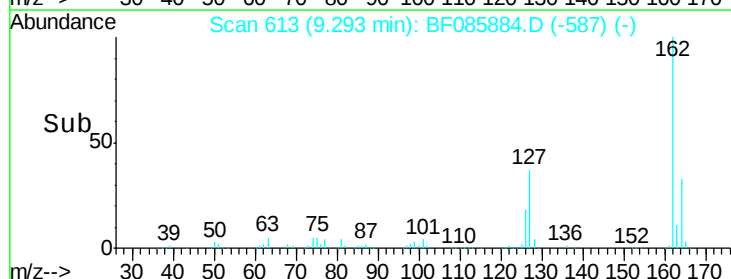
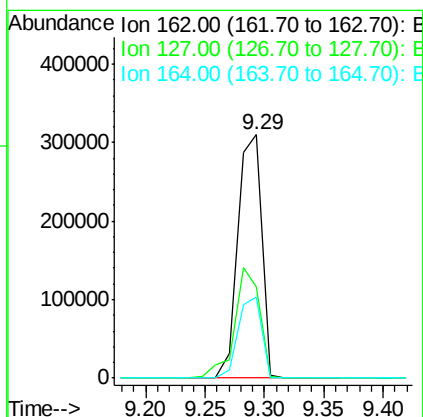
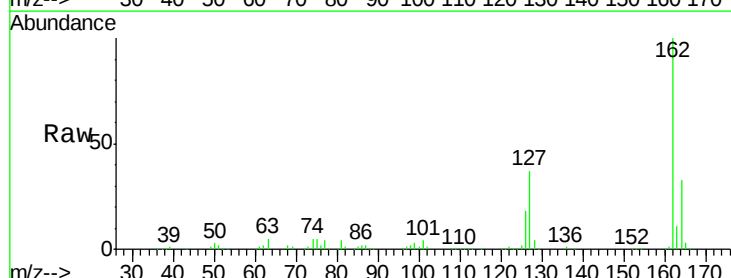
Tgt Ion:162 Resp: 435523

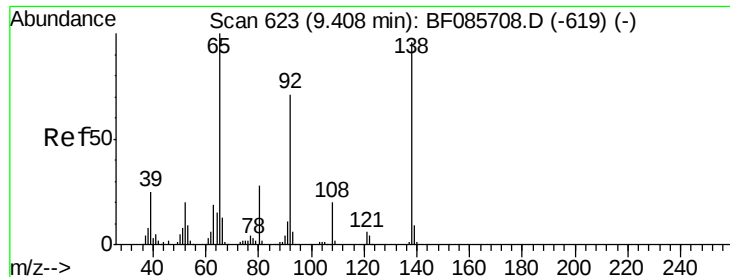
Ion Ratio Lower Upper

162 100

127 37.3 31.7 47.5

164 33.5 27.3 40.9





#47

2-Nitroaniline

Concen: 34.93 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

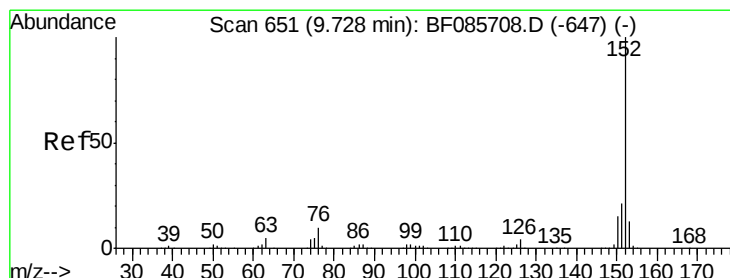
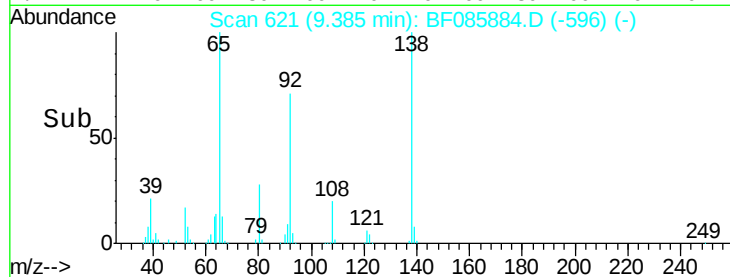
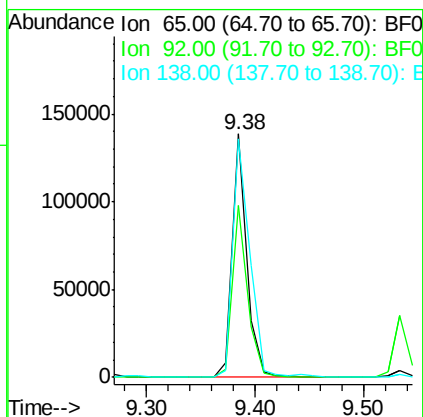
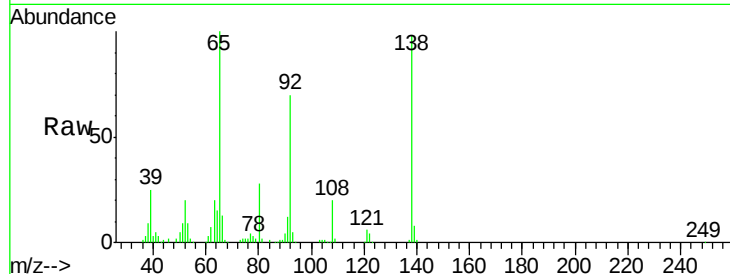
ClientSampleId :

PB89268BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	59.7	89.5
138	98.0	91.4	137.0

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#48

Acenaphthylene

Concen: 38.22 ng

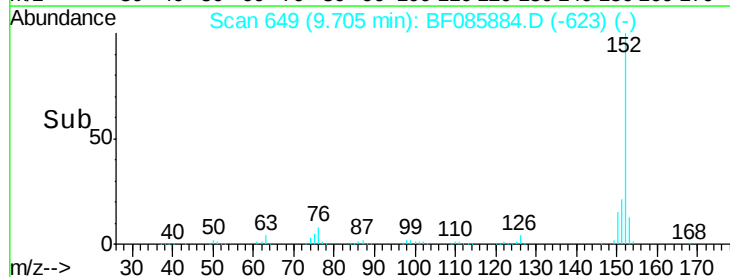
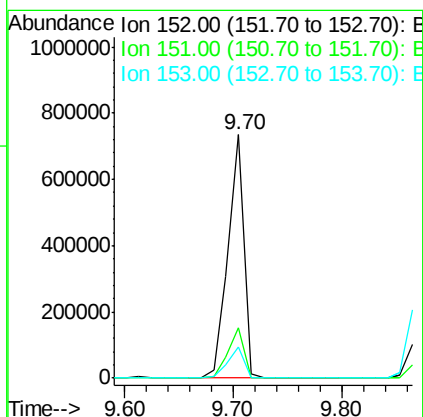
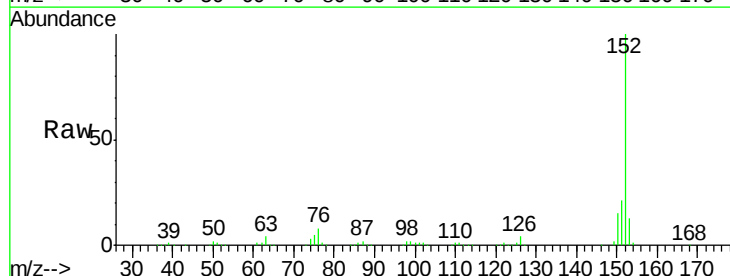
RT: 9.70 min Scan# 649

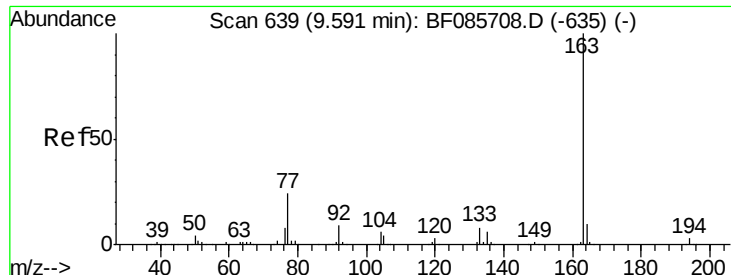
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.0	10.9	16.3





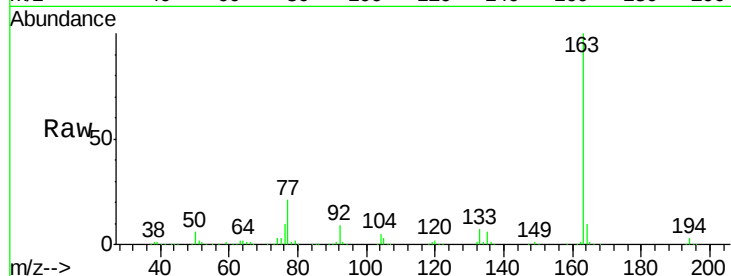
#49
Dimethylphthalate
Concen: 36.41 ng
RT: 9.57 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

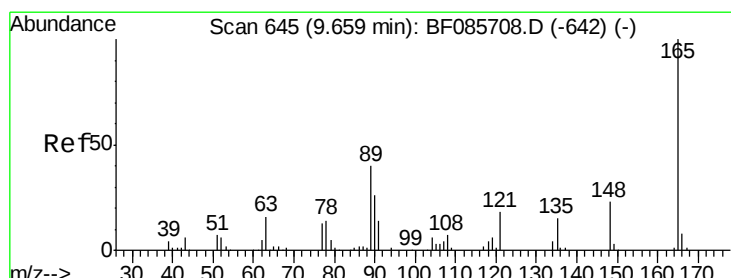
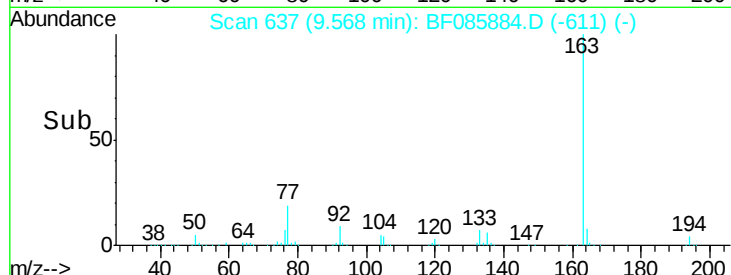
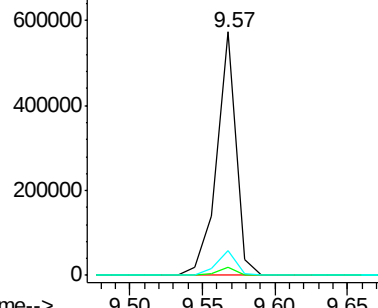
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.9	4.3
164	10.0	8.3	12.5

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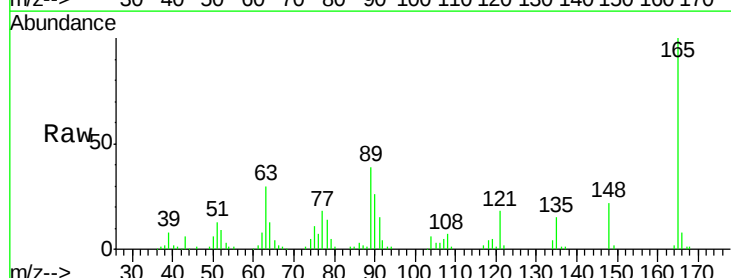


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

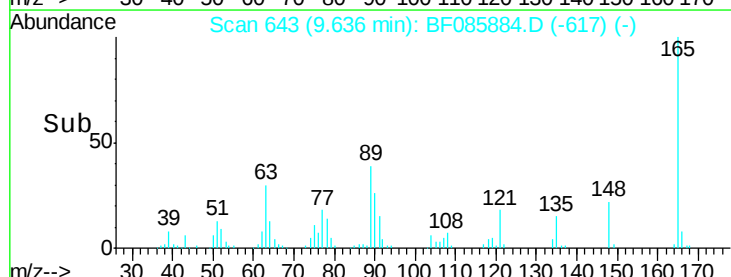
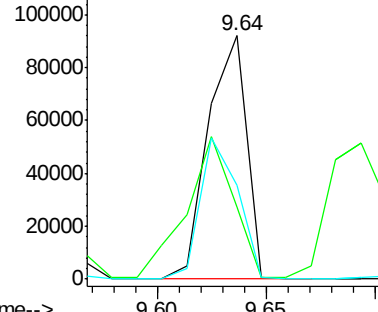


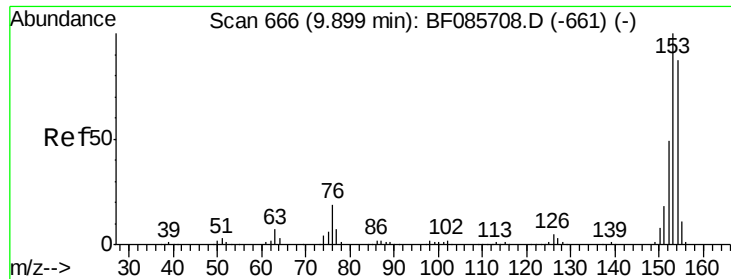
#50
2,6-Dinitrotoluene
Concen: 35.94 ng
RT: 9.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	29.6	51.8	77.8#
89	38.6	53.7	80.5#



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





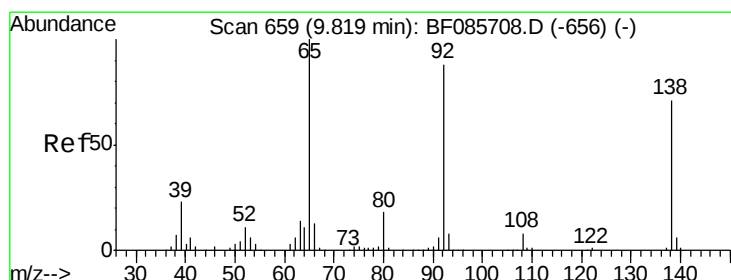
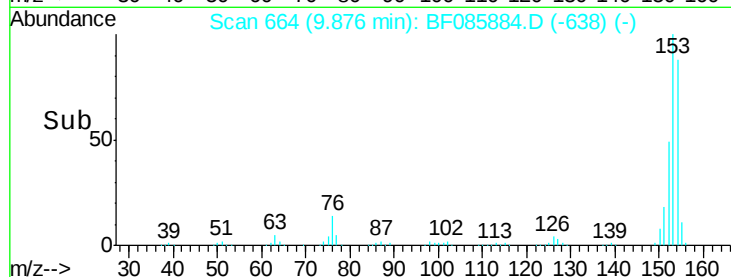
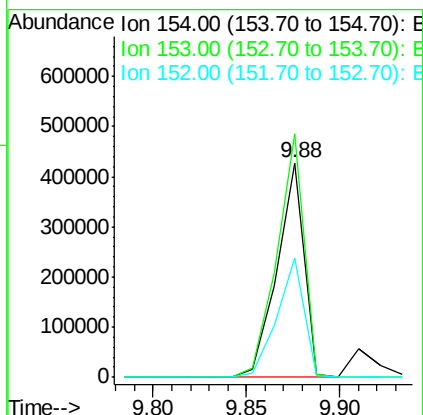
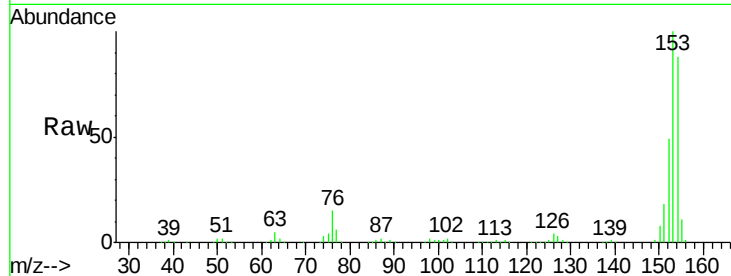
#51
Acenaphthene
Concen: 36.53 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion:154 Resp: 433037
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 55.8 44.2 66.2

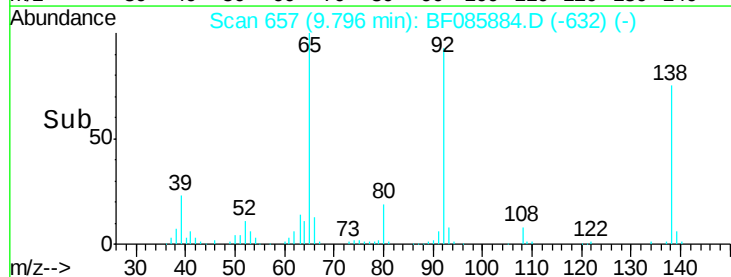
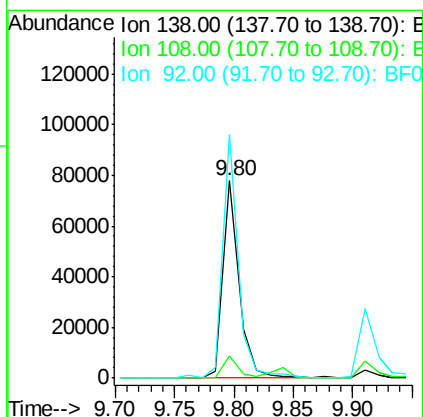
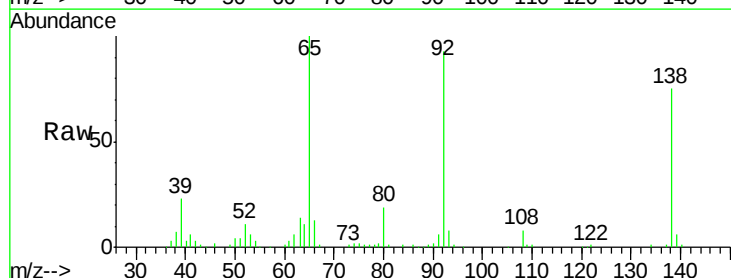
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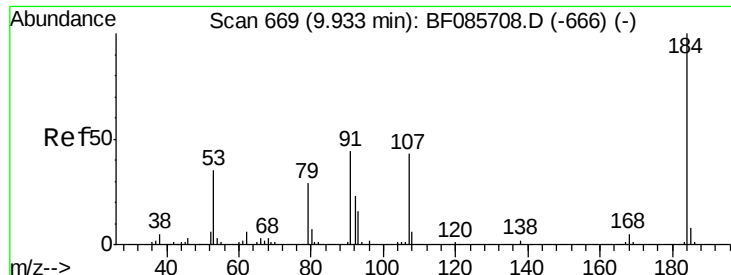
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#52
3-Nitroaniline
Concen: 20.31 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion:138 Resp: 72878
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 123.5 93.3 139.9





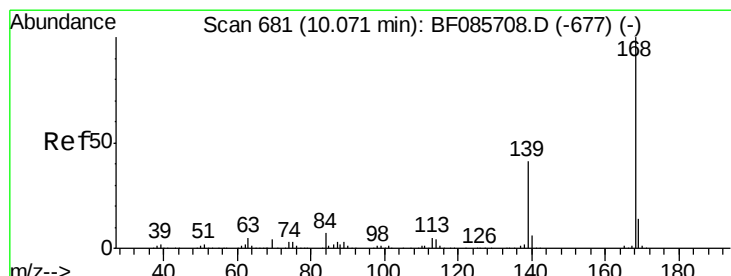
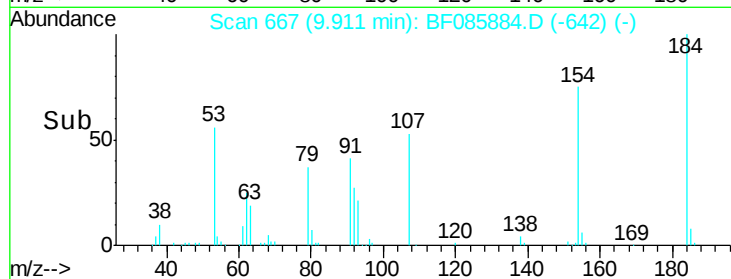
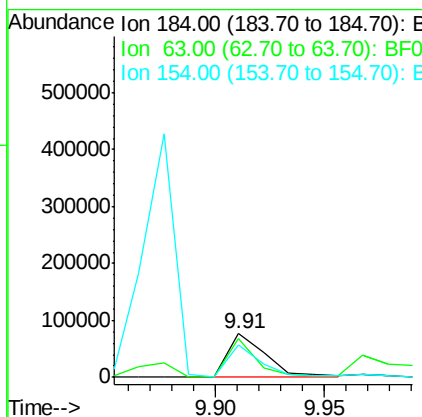
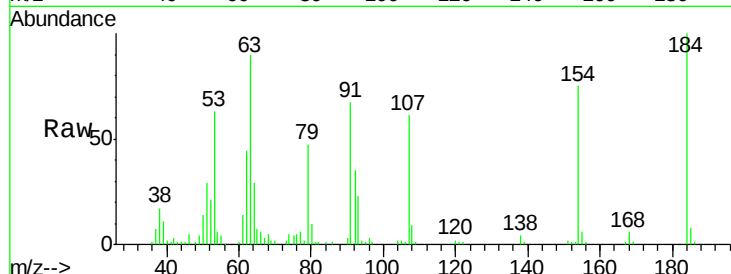
#53
2,4-Dinitrophenol
Concen: 60.37 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	93066		
63	89.8	69.5	104.3	
154	74.7	58.3	87.5	

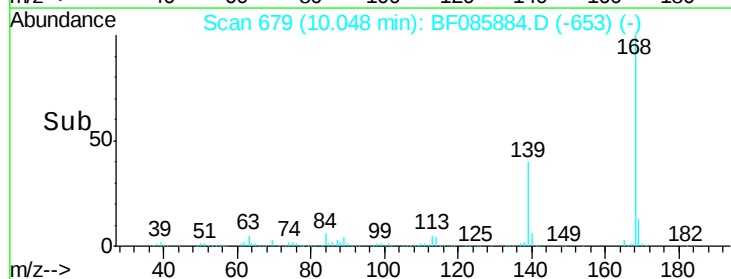
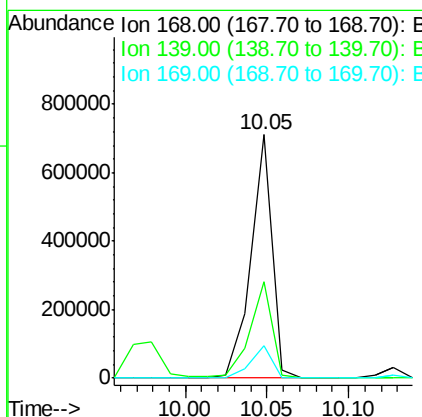
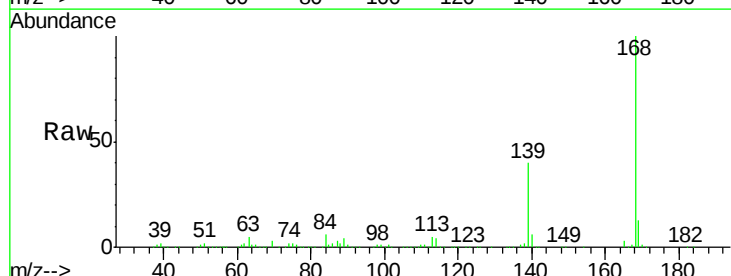
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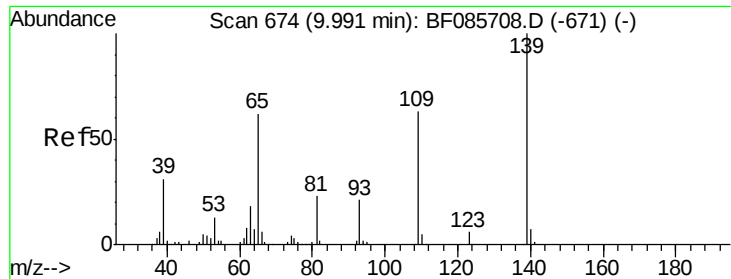
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#54
Dibenzofuran
Concen: 41.74 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	640262		
139	39.6	31.9	47.9	
169	13.5	11.0	16.6	





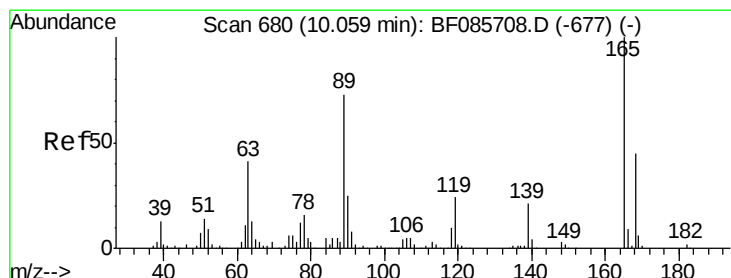
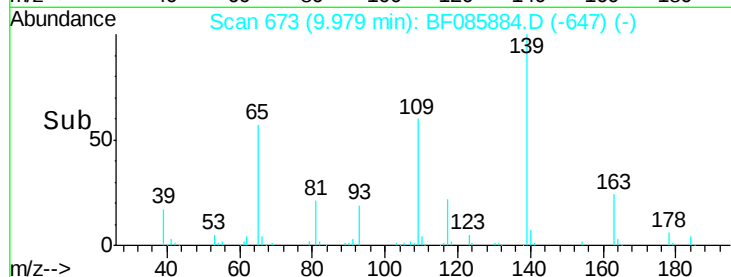
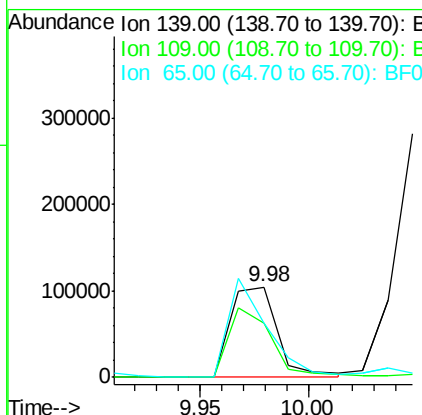
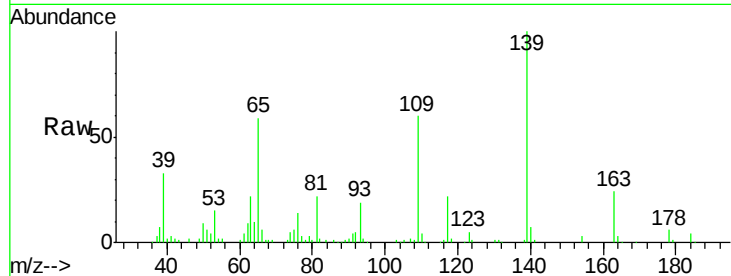
#55
4-Nitrophenol
Concen: 67.06 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156748		
109	59.6	49.2	89.2	
65	59.5	66.9	106.9	

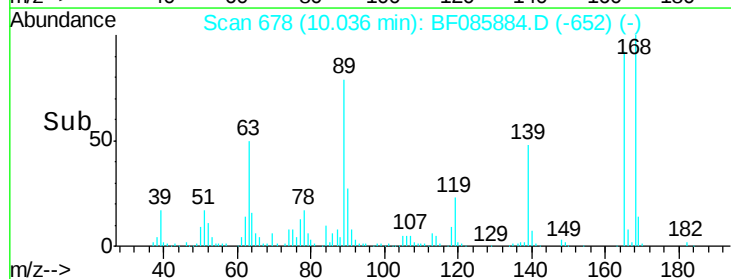
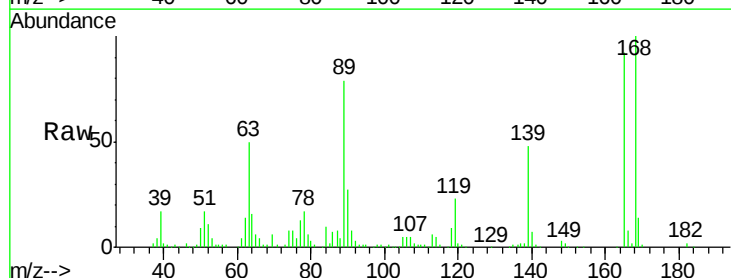
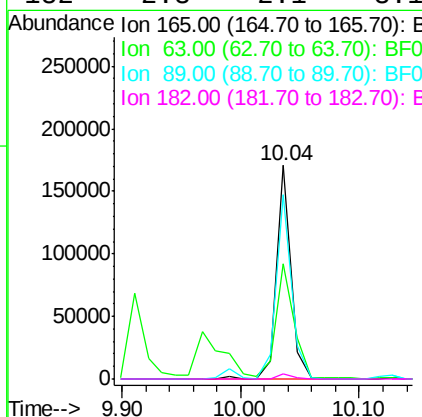
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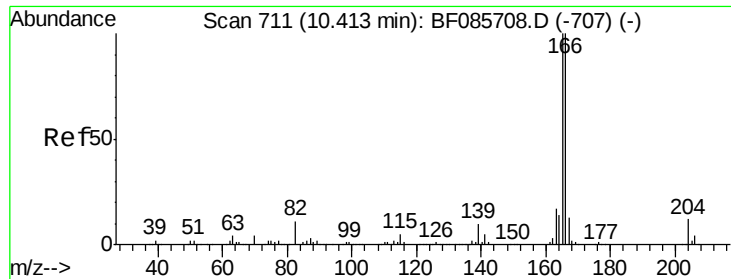
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#56
2,4-Dinitrotoluene
Concen: 36.13 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143933		
63	54.2	24.9	37.3	
89	86.3	41.0	61.6	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 39.61 ng

RT: 10.39 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

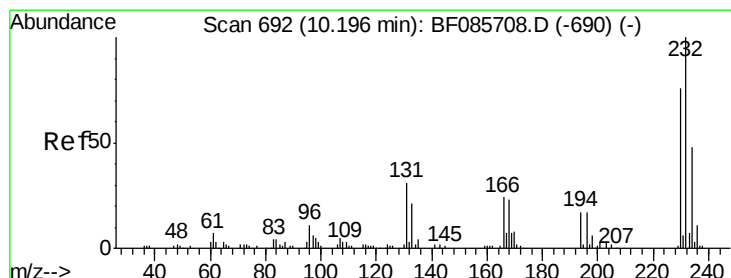
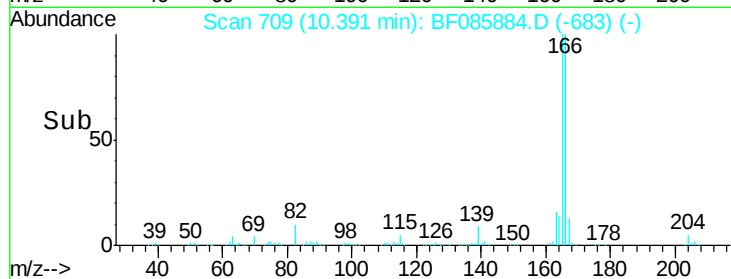
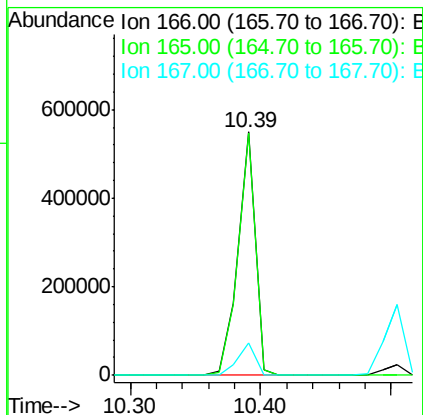
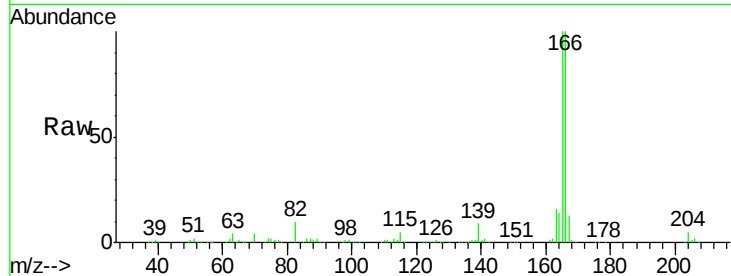
ClientSampleId :

PB89268BSD

Tgt Ion:	166	Resp:	505166
Ion Ratio		Lower	Upper
166	100		
165	99.5	79.4	119.0
167	13.4	11.0	16.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.66 ng

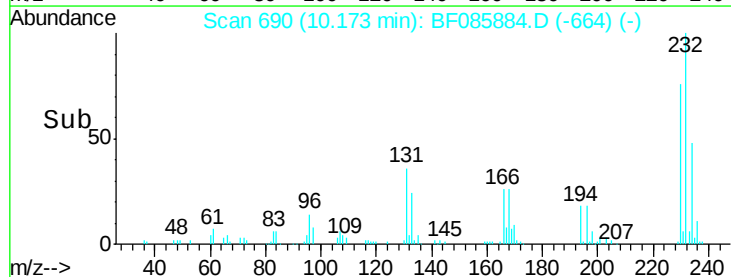
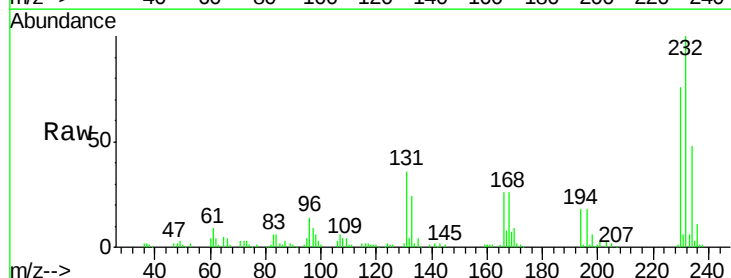
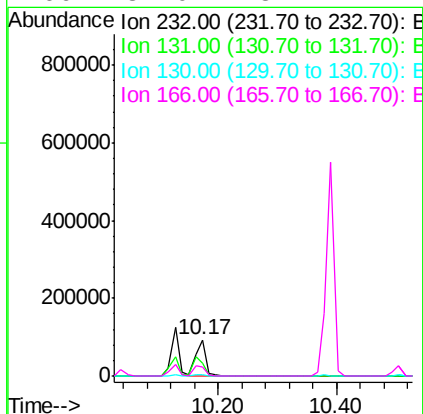
RT: 10.17 min Scan# 690

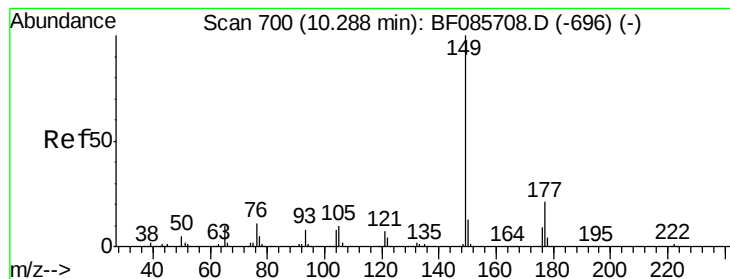
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	232	Resp:	113938
Ion Ratio		Lower	Upper
232	100		
131	53.0	44.9	67.3
130	2.6	2.3	3.5
166	32.0	28.1	42.1





#59

Diethylphthalate

Concen: 36.17 ng

RT: 10.26 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

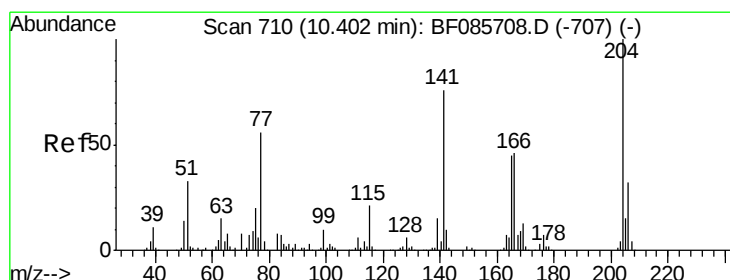
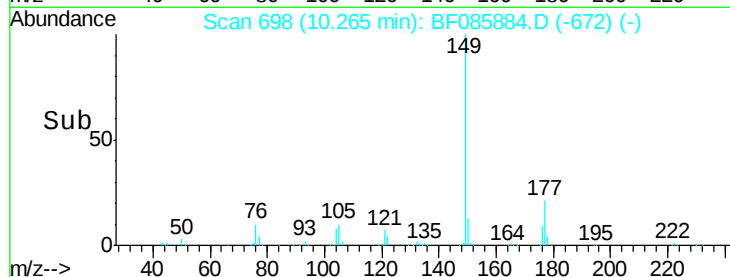
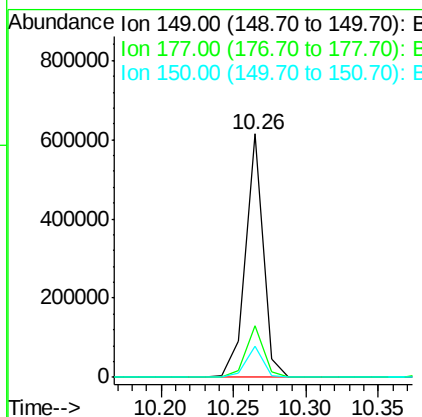
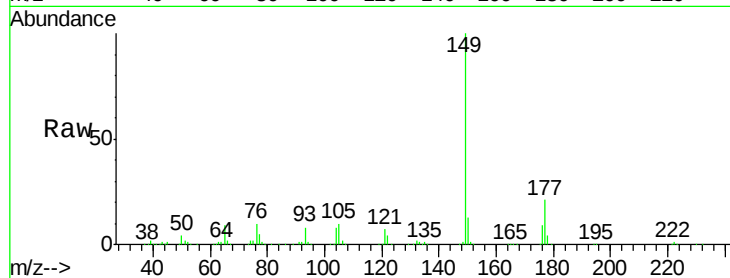
ClientSampleId :

PB89268BSD

Tgt	Ion	149	Resp:	520411
	Ratio	100	Lower	Upper
	177	21.4	17.9	26.9
	150	12.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 35.59 ng

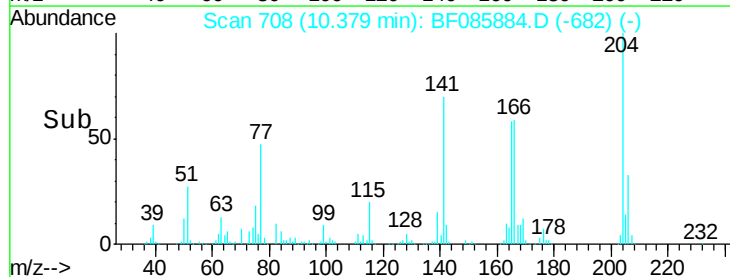
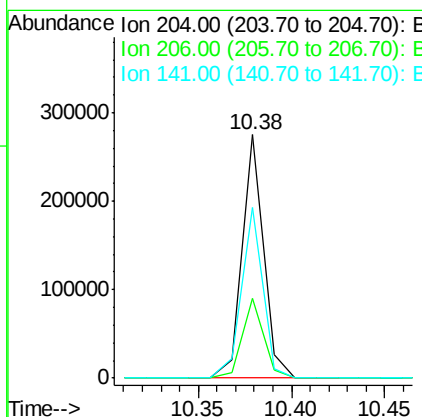
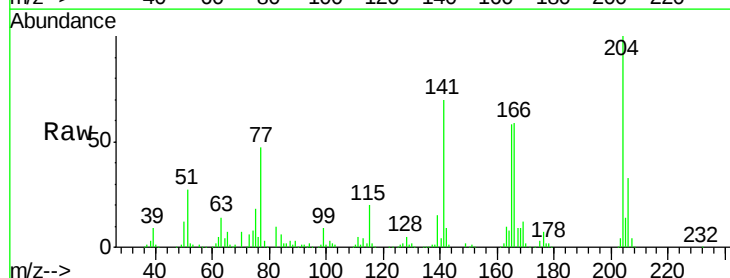
RT: 10.38 min Scan# 708

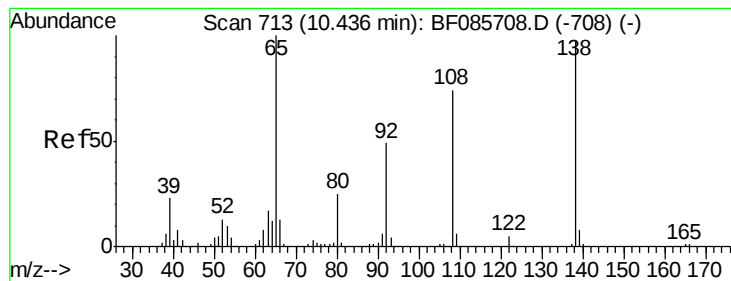
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt	Ion	204	Resp:	221931
	Ratio	100	Lower	Upper
	206	32.7	26.6	39.8
	141	70.2	57.4	86.0





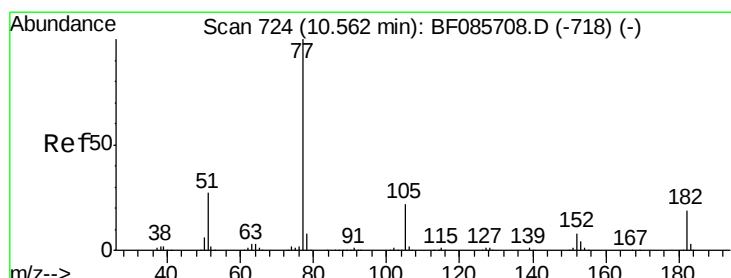
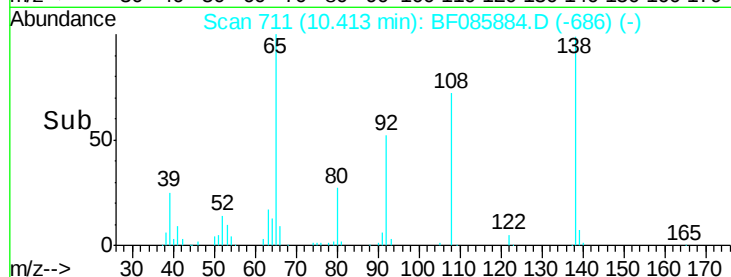
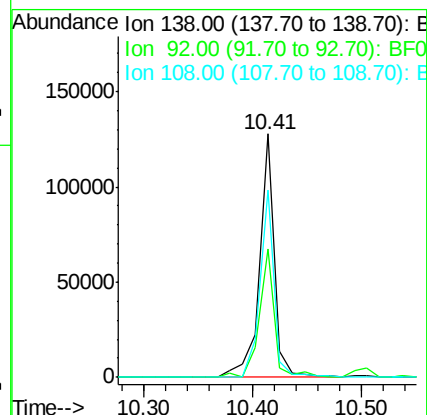
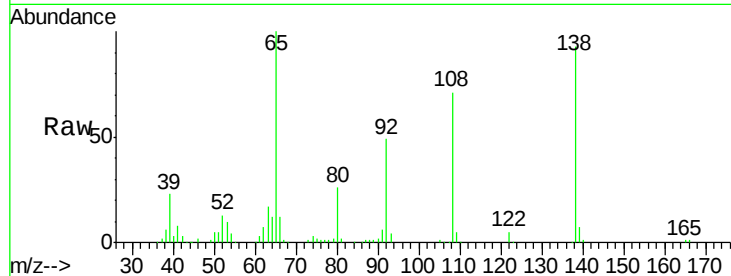
#61
4-Nitroaniline
Concen: 35.92 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	123263		
92	52.5	26.4	66.4	
108	76.7	49.0	89.0	

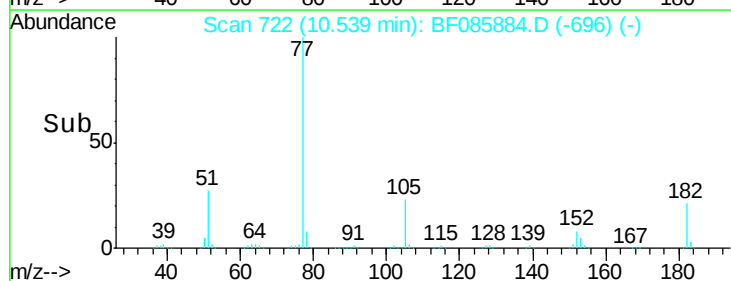
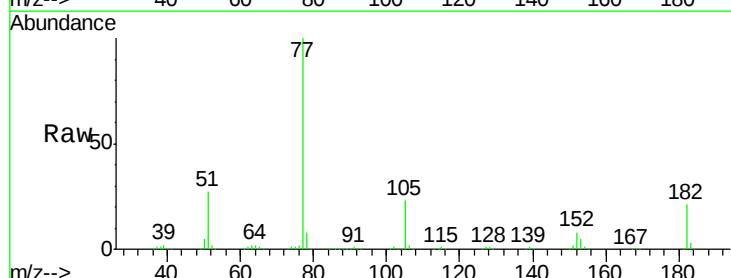
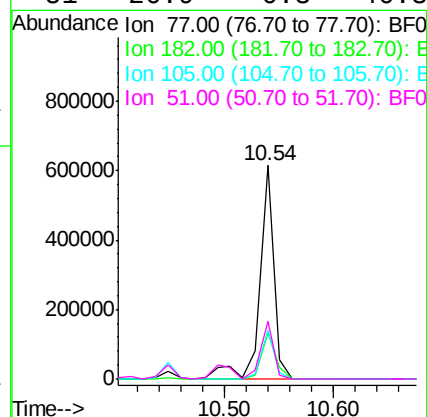
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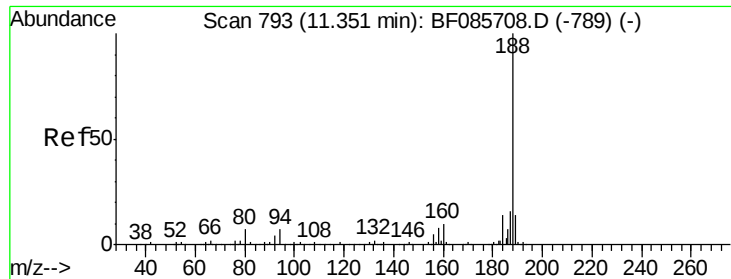
Sohil
3/31/2016 4:51:35 PM



#62
Azobenzene
Concen: 41.25 ng
RT: 10.54 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	570277		
182	21.3	1.9	41.9	
105	22.9	3.5	43.5	
51	26.9	6.3	46.3	





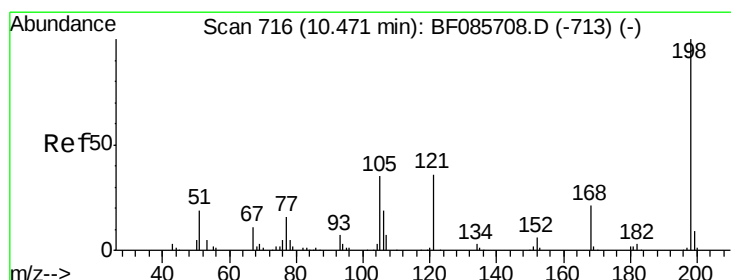
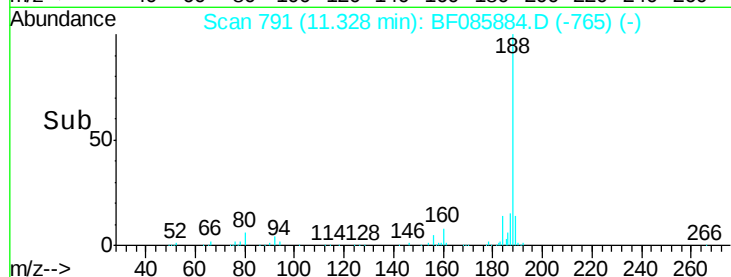
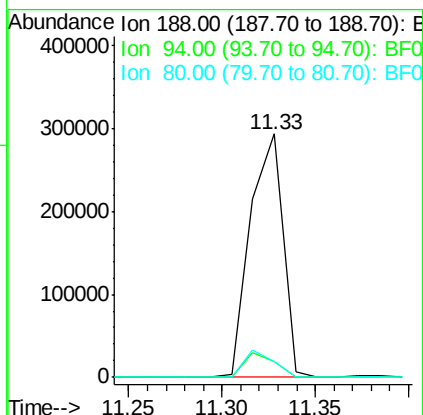
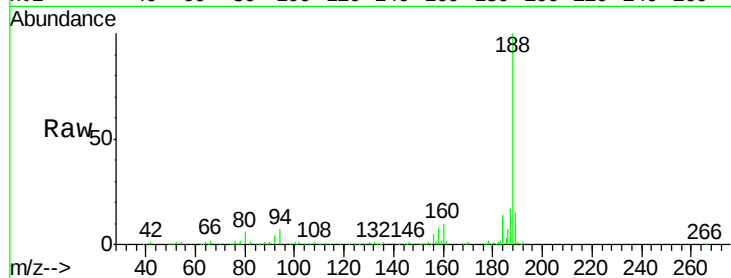
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	5.4	8.0
80	6.5	5.5	8.3

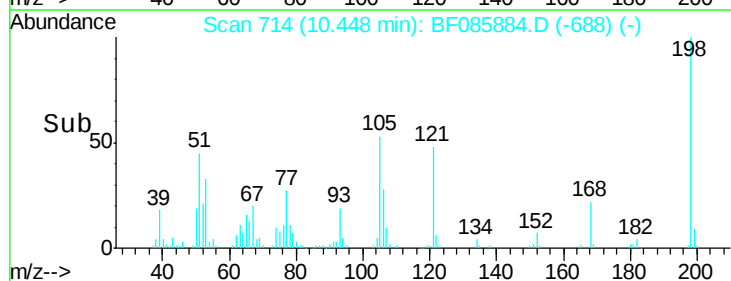
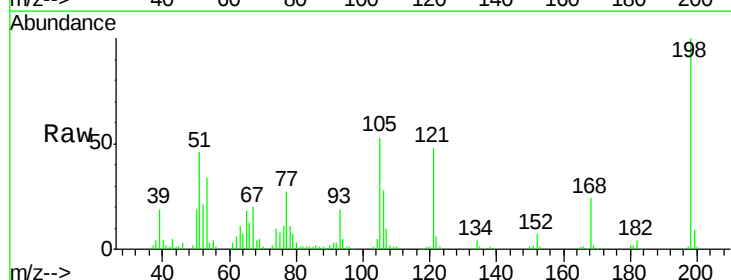
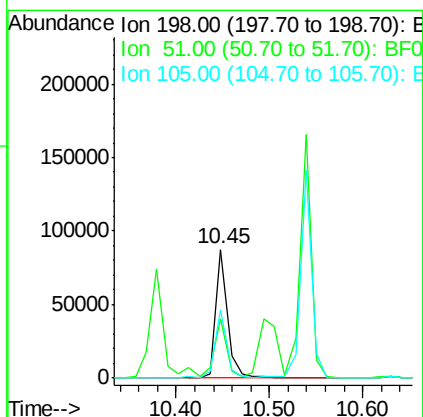
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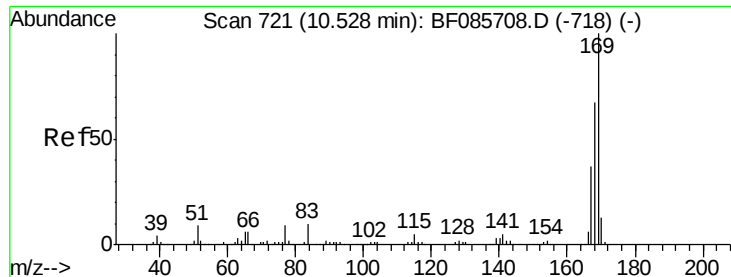
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.68 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.9	45.4	85.4
105	53.1	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 40.07 ng

RT: 10.50 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

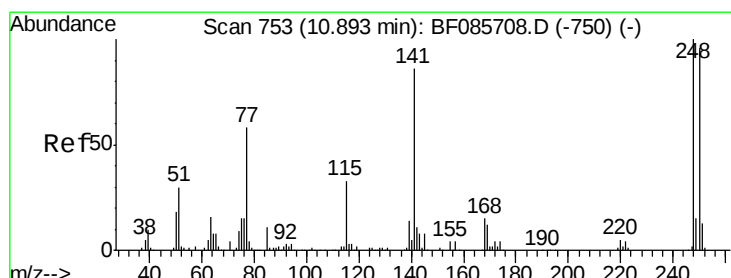
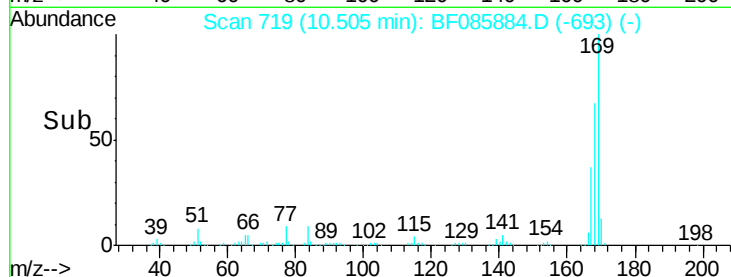
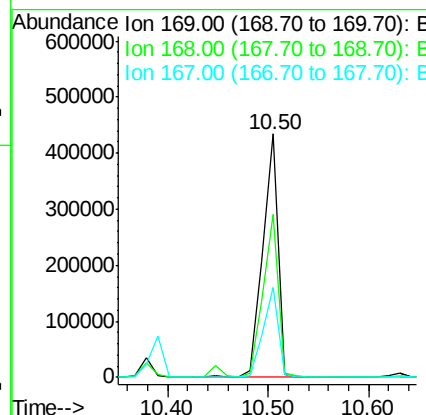
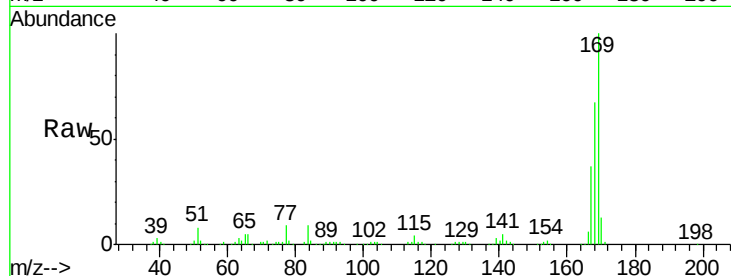
ClientSampleId :

PB89268BSD

Tgt Ion:	169	Resp:	453040
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	36.8	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 38.59 ng

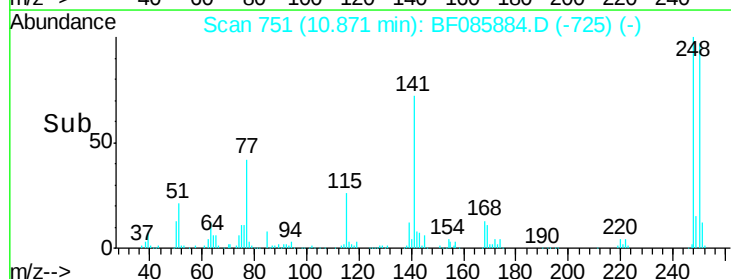
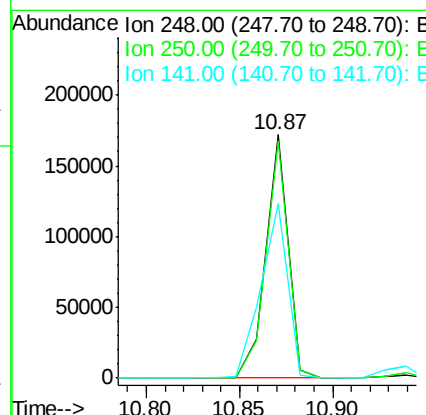
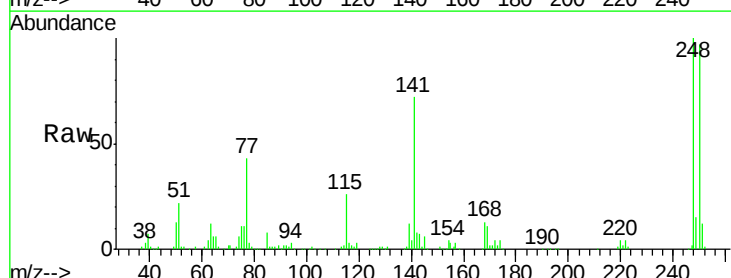
RT: 10.87 min Scan# 751

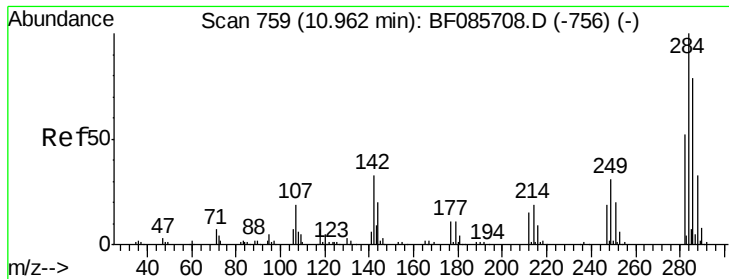
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	248	Resp:	140948
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.4	116.0
141	71.9	63.6	95.4





#67

Hexachlorobenzene

Concen: 39.60 ng

RT: 10.94 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF085884.D

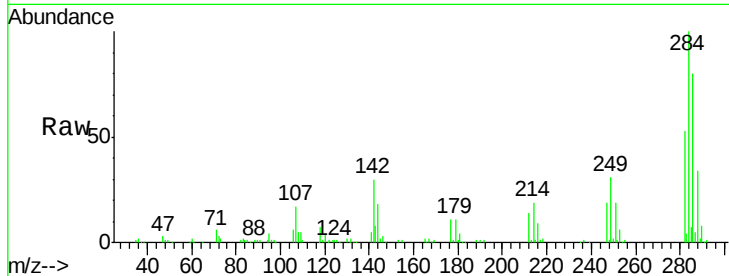
Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

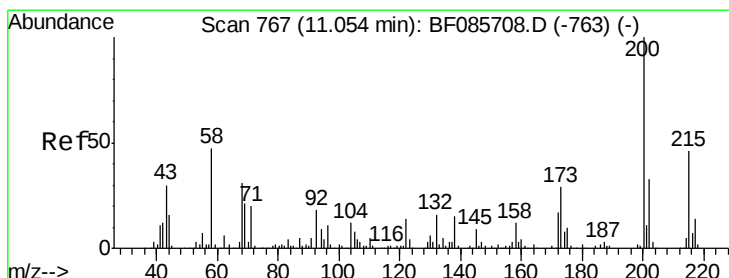
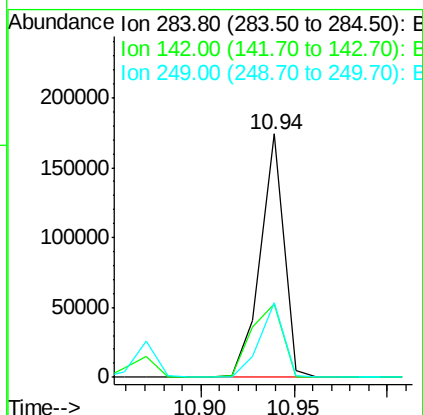
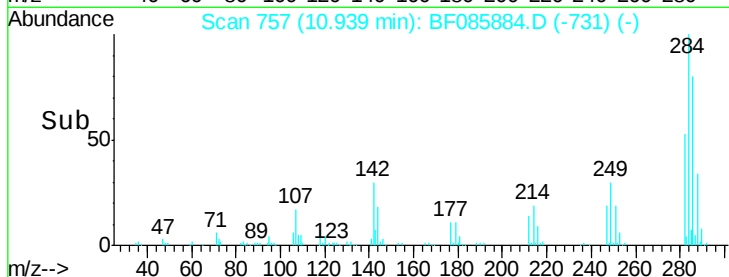
PB89268BSD



Tgt Ion:	284	Resp:	151252
Ion Ratio	Lower	Upper	
284	100		
142	30.3	23.1	34.7
249	30.6	24.2	36.2

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#68

Atrazine

Concen: 37.40 ng

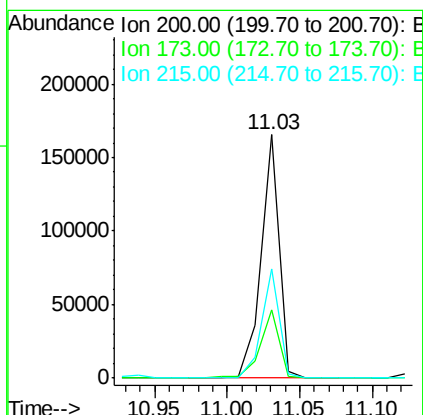
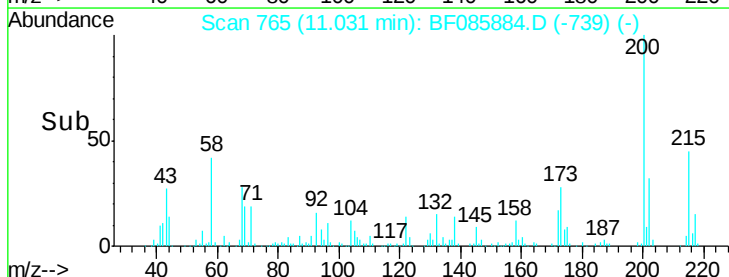
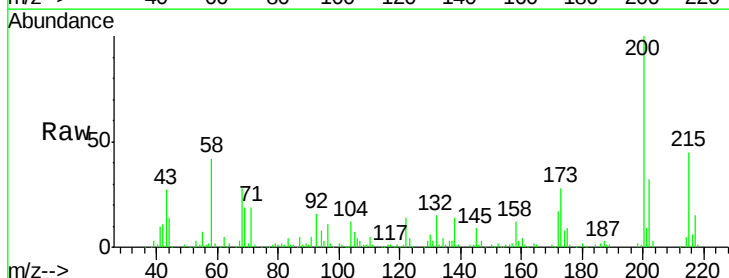
RT: 11.03 min Scan# 765

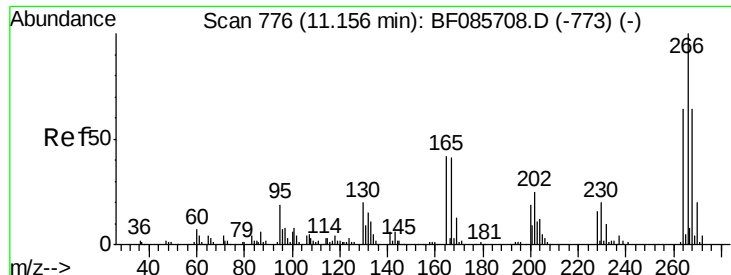
Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	200	Resp:	142757
Ion Ratio	Lower	Upper	
200	100		
173	28.2	7.7	47.7
215	44.7	25.4	65.4





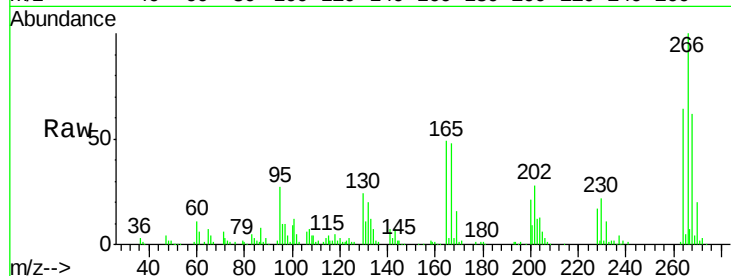
#69
 Pentachlorophenol
 Concen: 71.20 ng
 RT: 11.13 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

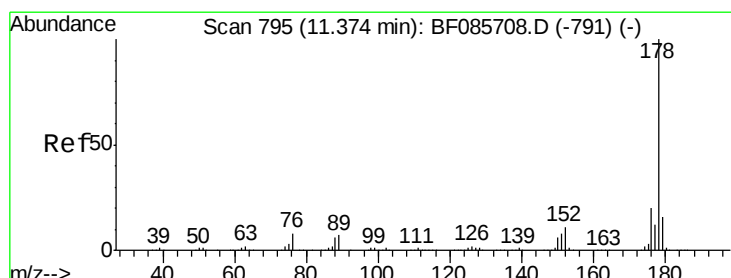
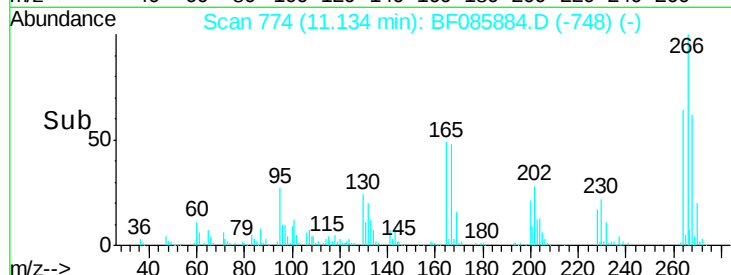
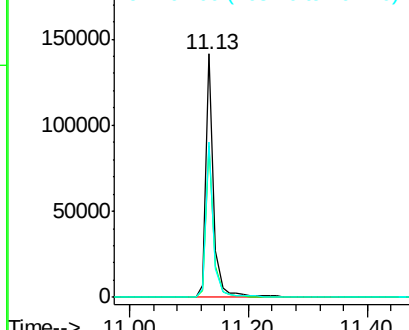
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	133508		
268	62.1	51.5	77.3	
264	63.7	50.6	76.0	

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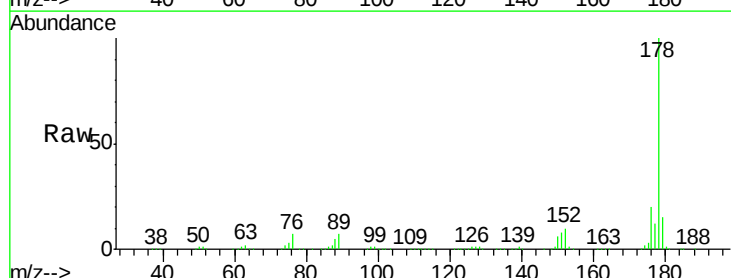


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

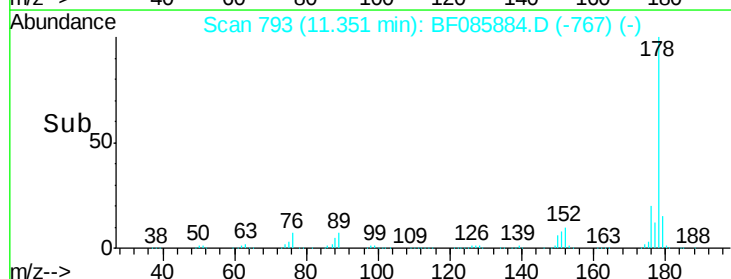
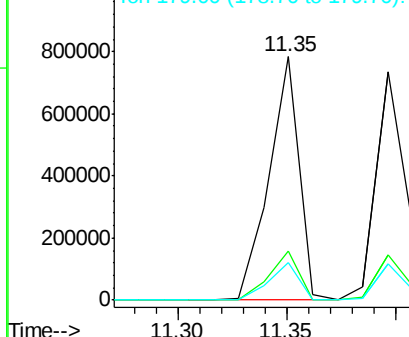


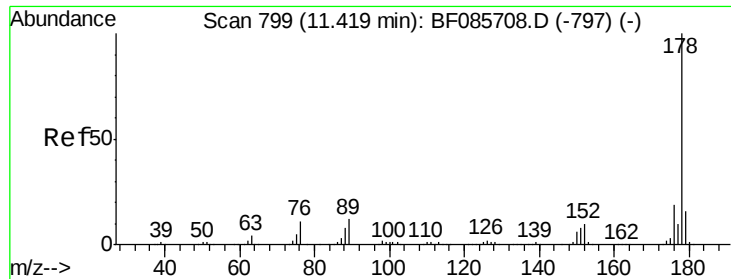
#70
 Phenanthrene
 Concen: 41.43 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	759414		
176	20.1	16.3	24.5	
179	15.4	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





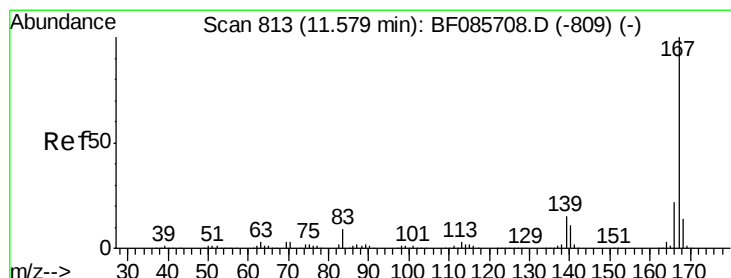
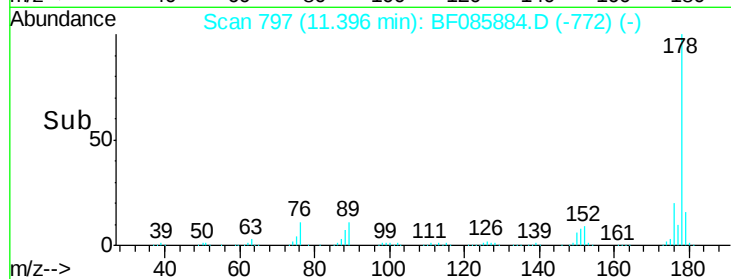
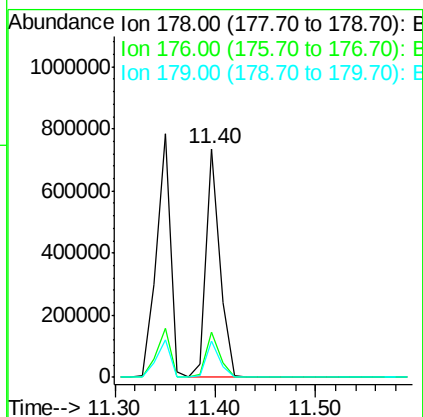
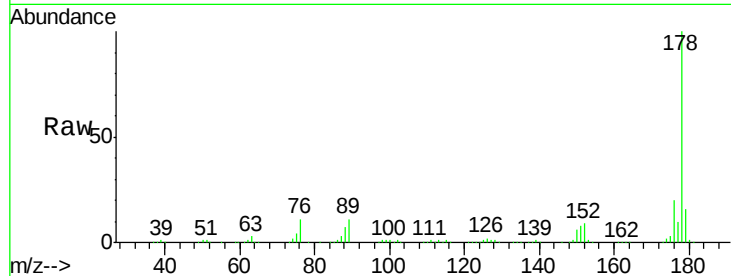
#71
 Anthracene
 Concen: 36.63 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.9	13.0	19.4

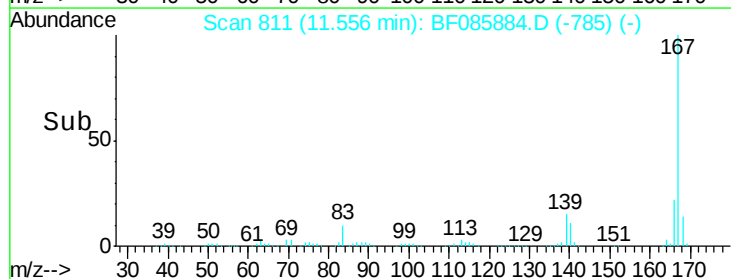
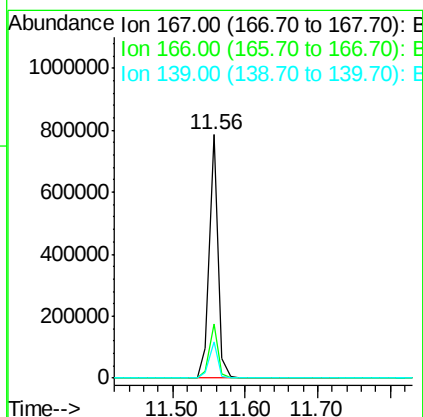
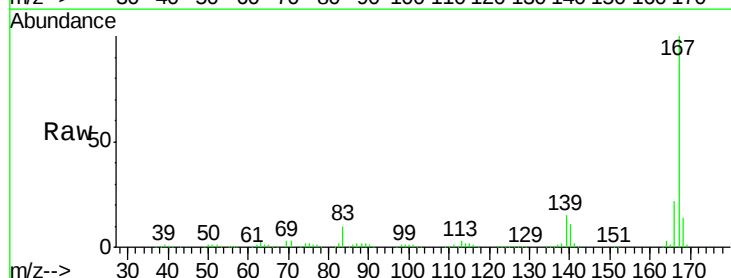
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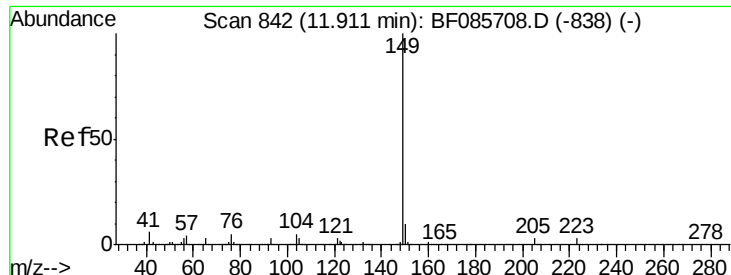
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#72
 Carbazole
 Concen: 41.04 ng
 RT: 11.56 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	15.0	11.6	17.4





#73

Di-n-butylphthalate

Concen: 38.51 ng

RT: 11.89 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

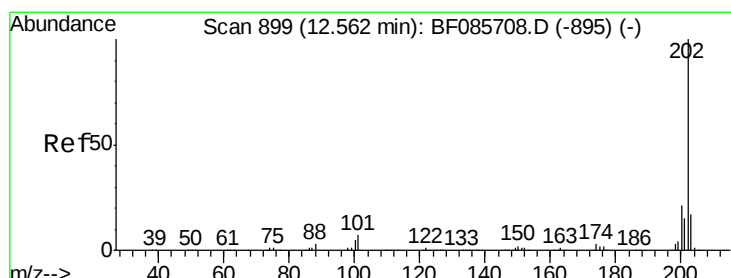
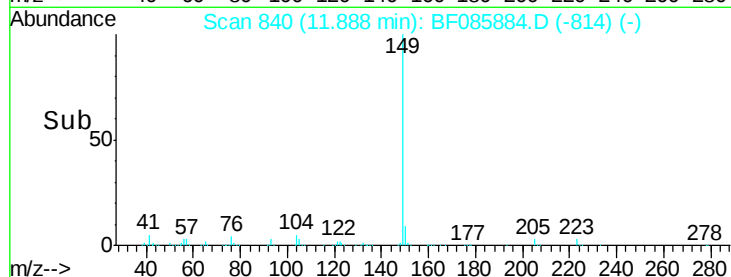
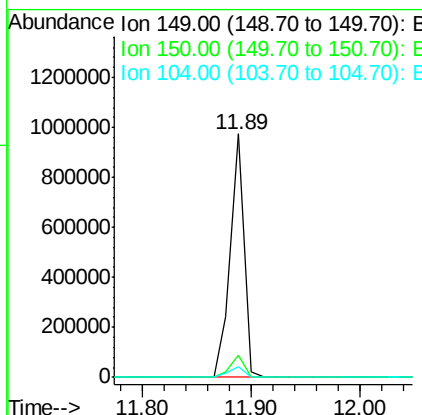
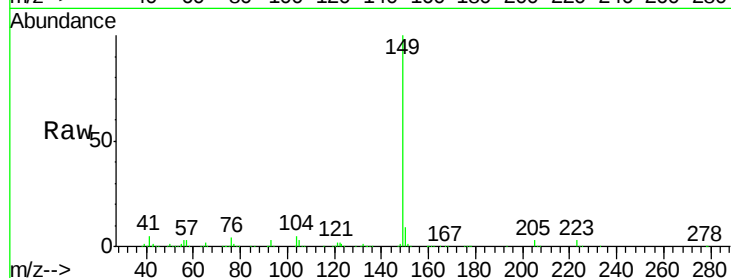
ClientSampleId :

PB89268BSD

Tgt Ion:	149	Resp:	853652
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 37.17 ng

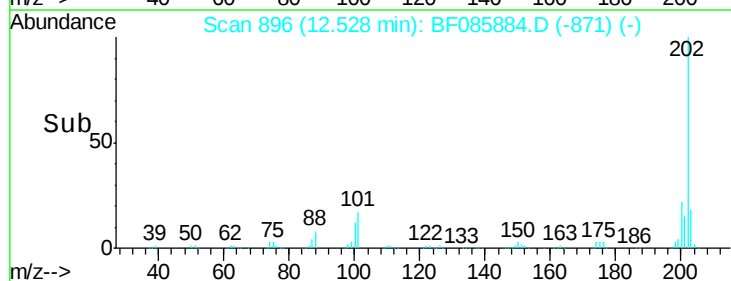
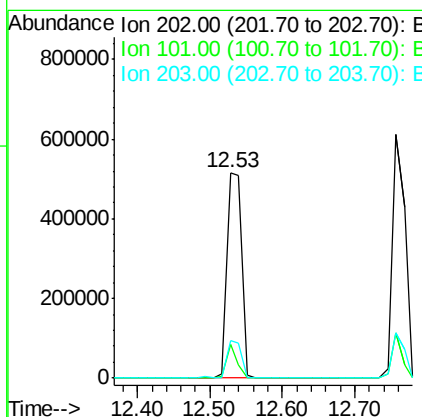
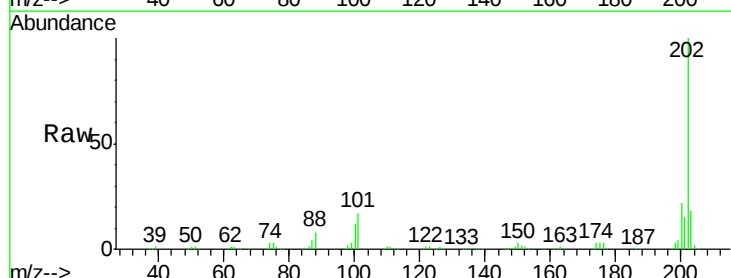
RT: 12.53 min Scan# 896

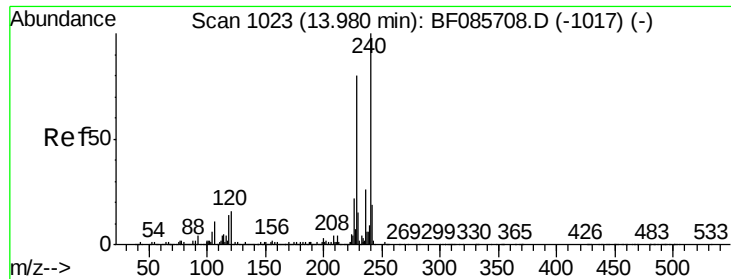
Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion:	202	Resp:	724236
Ion Ratio	Lower	Upper	
202	100		
101	16.7	0.0	36.6
203	18.2	0.0	38.1





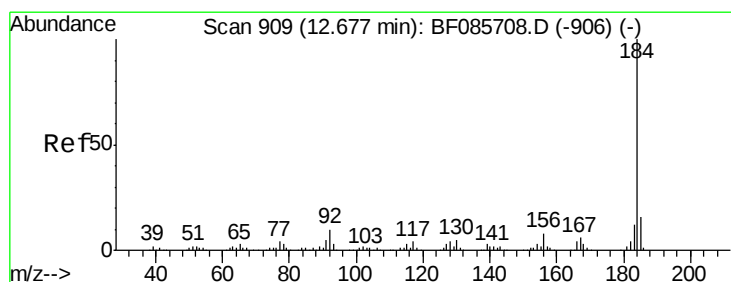
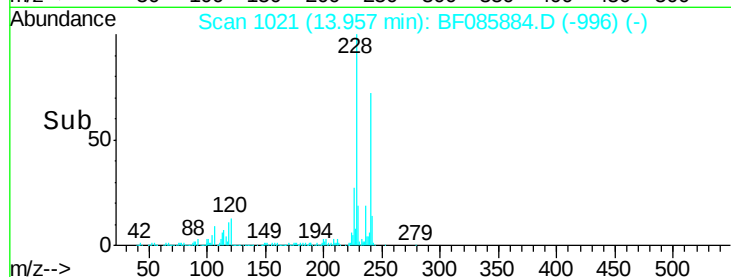
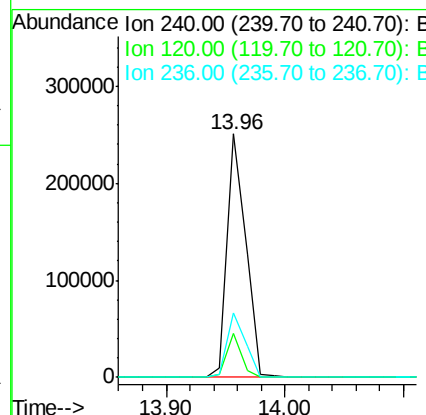
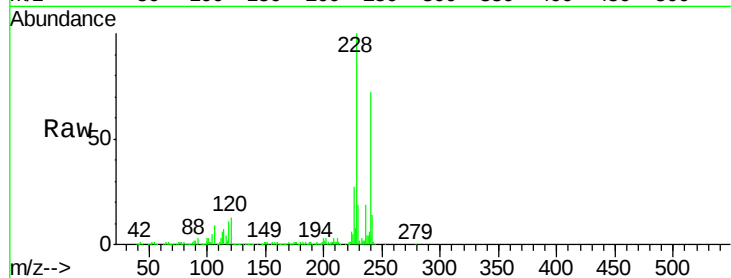
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270629		
120	17.9	13.8	20.8	
236	26.5	20.6	30.8	

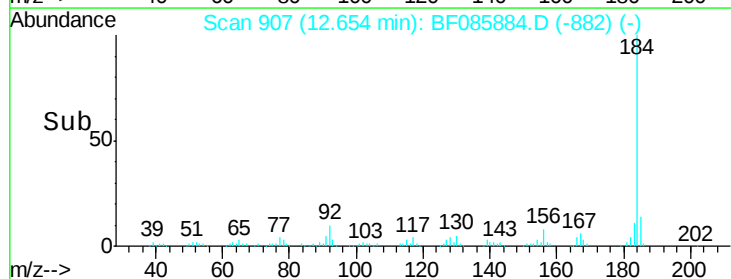
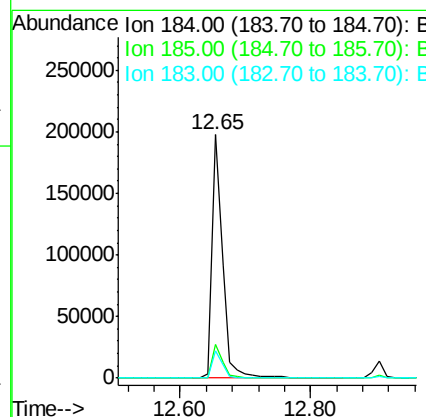
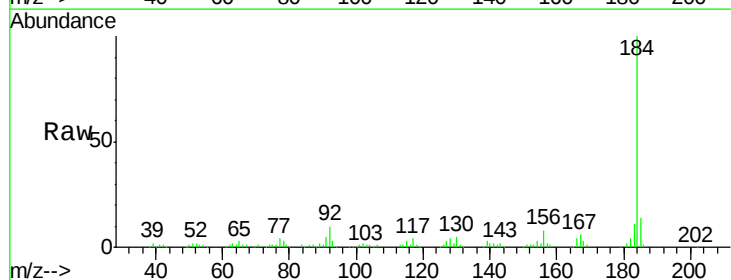
Manual Integrations
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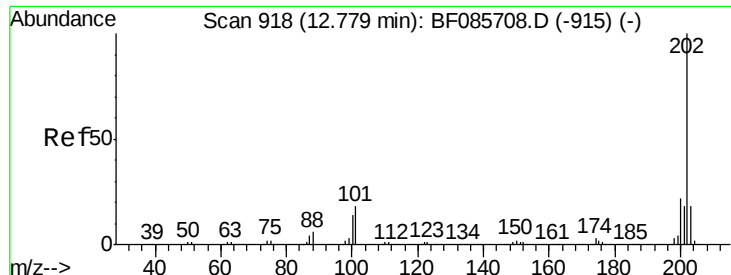
Sohil
3/31/2016 4:51:35 PM



#76
Benzidine
Concen: 23.63 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	225184		
185	14.0	12.4	18.6	
183	11.1	9.4	14.2	





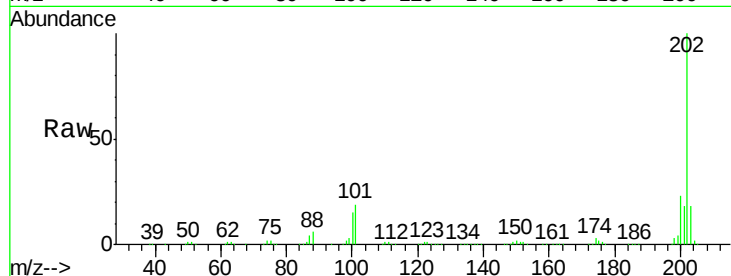
#77
 Pyrene
 Concen: 33.25 ng
 RT: 12.76 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

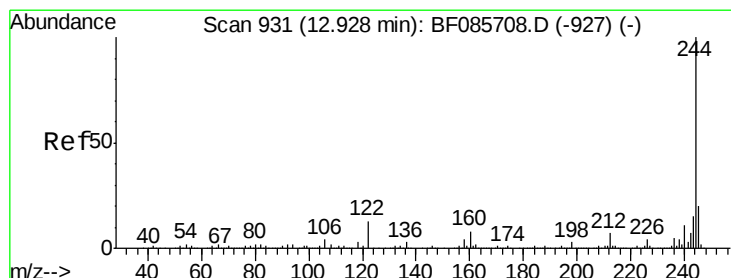
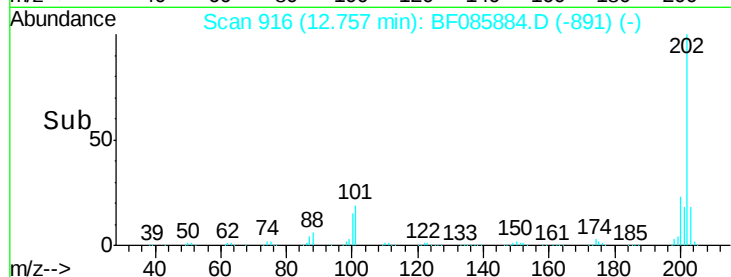
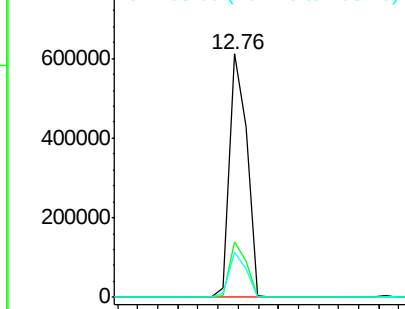
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.6	17.6	26.4
203	18.5	14.0	21.0

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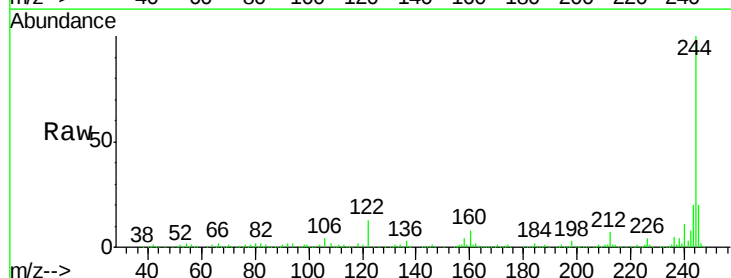


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

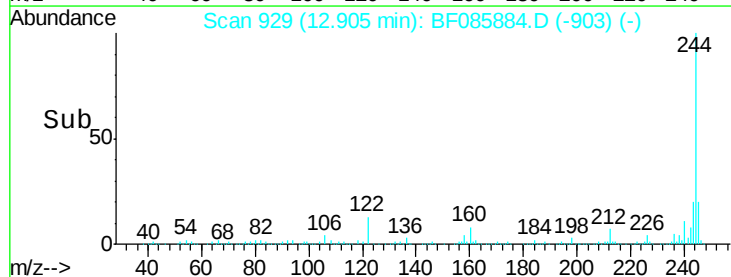
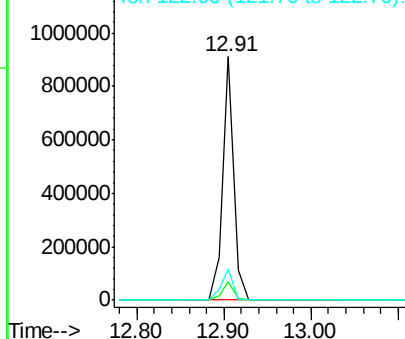


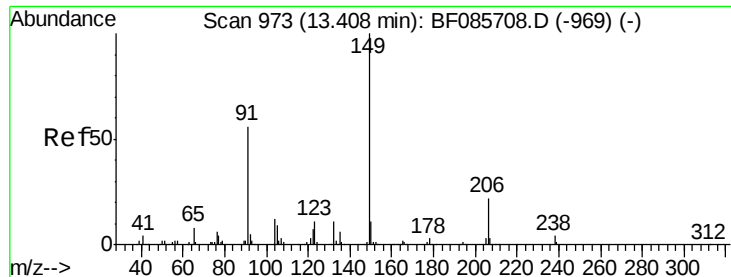
#78
 Terphenyl-d14
 Concen: 62.24 ng
 RT: 12.91 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.1	9.1
122	12.6	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: 37.85 ng

RT: 13.39 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF085884.D

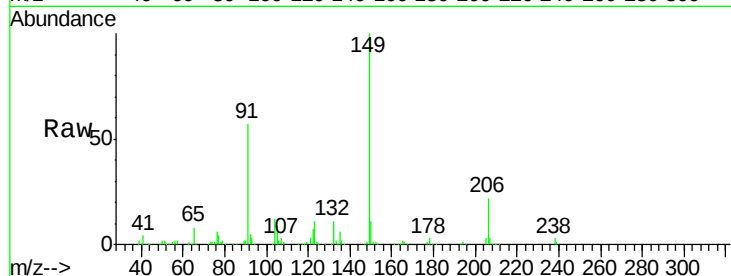
Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

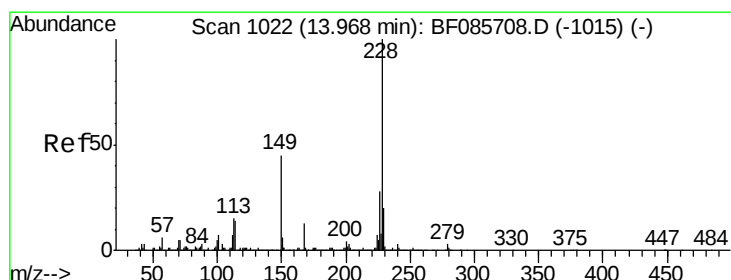
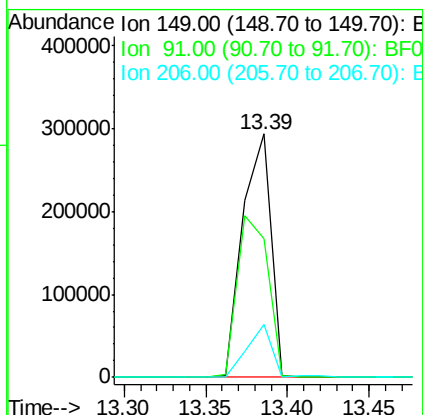
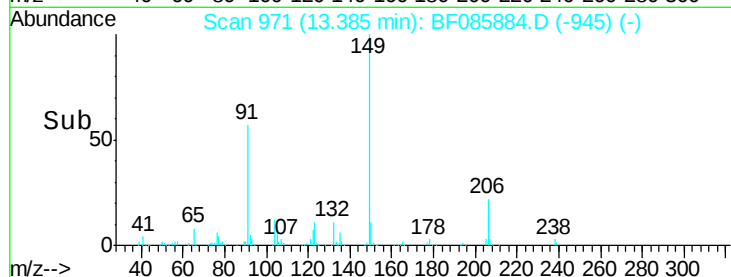
PB89268BSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	352646		
91	56.8	45.8	68.8	
206	21.6	17.8	26.8	

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#80

Benzo(a)anthracene

Concen: 38.58 ng

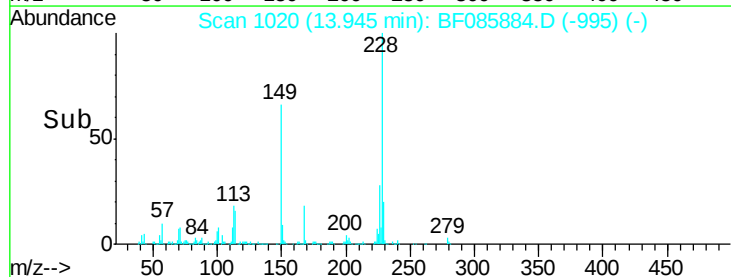
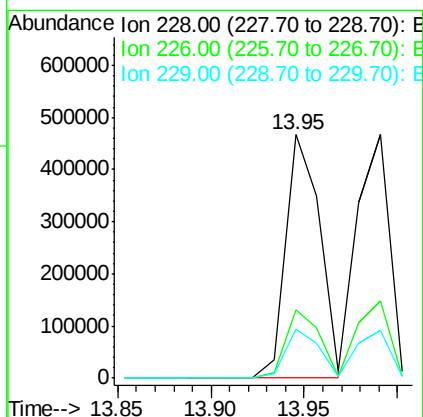
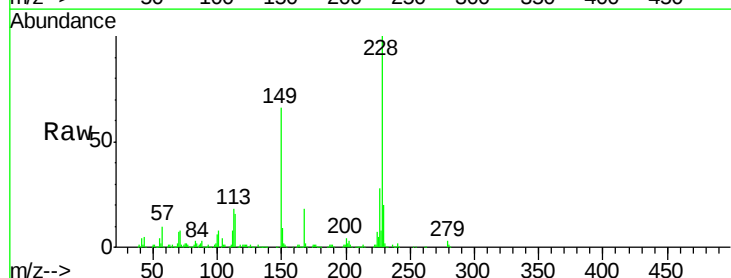
RT: 13.95 min Scan# 1020

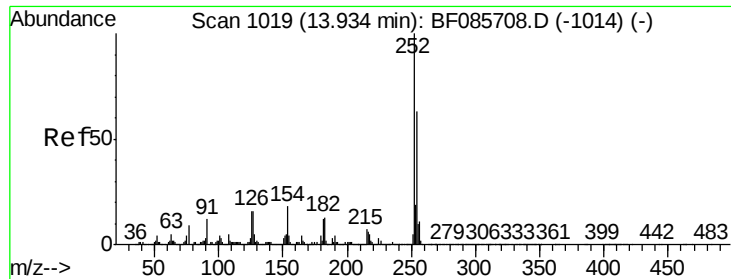
Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	595271		
226	28.0	22.1	33.1	
229	19.9	16.2	24.4	





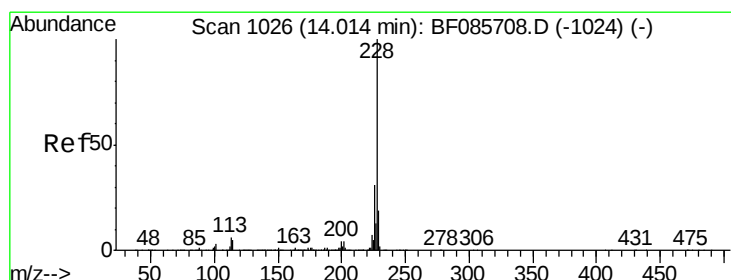
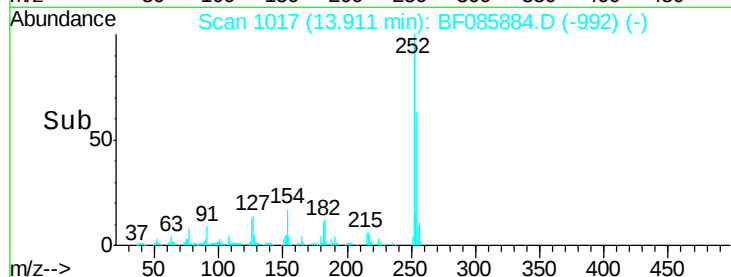
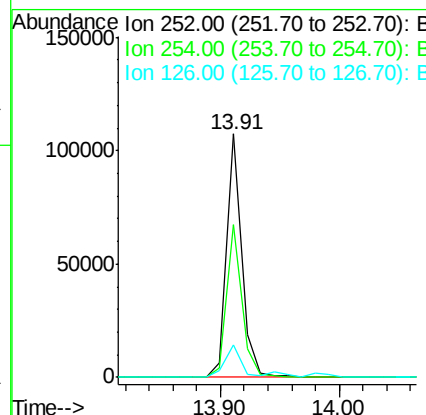
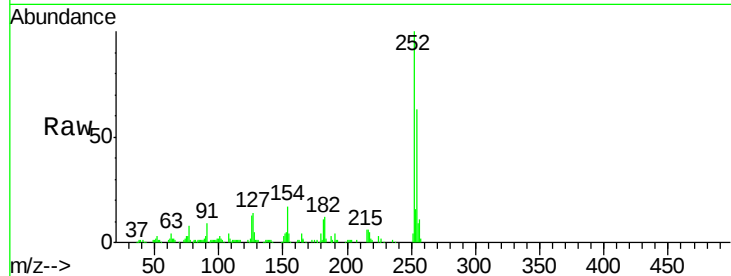
#81
 3,3'-Dichlorobenzidine
 Concen: 8.70 ng
 RT: 13.91 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	93210		
254	62.5	50.7	76.1	
126	13.5	11.8	17.6	

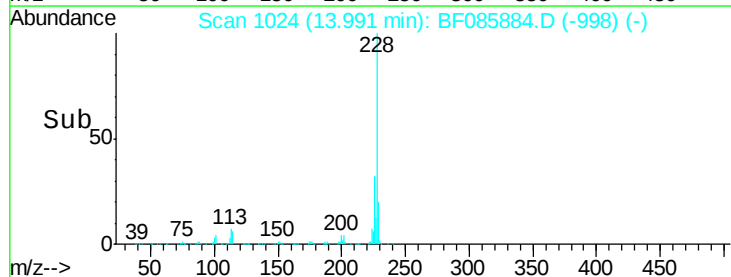
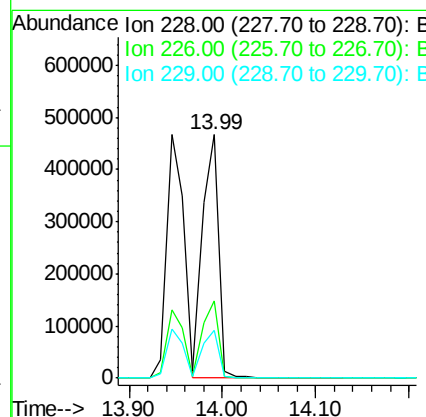
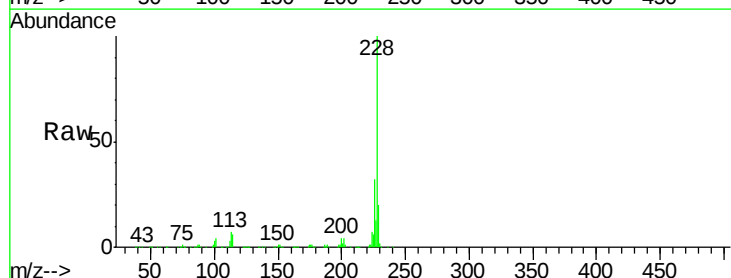
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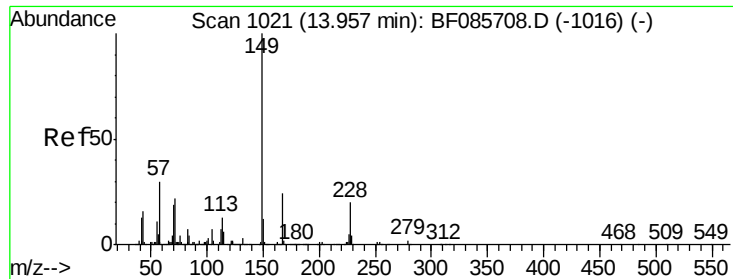
Sohil
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#82
 Chrysene
 Concen: 36.51 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	567525		
226	31.7	25.0	37.6	
229	19.6	15.7	23.5	





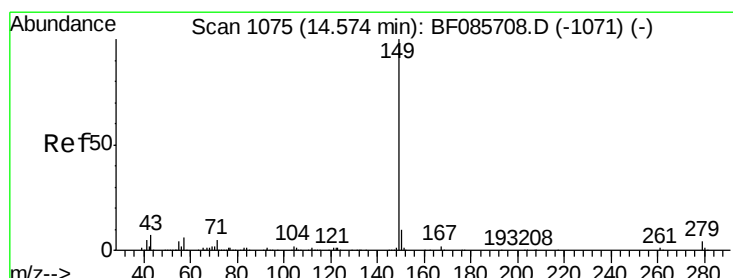
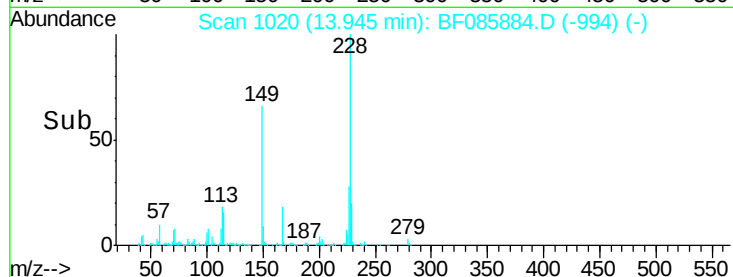
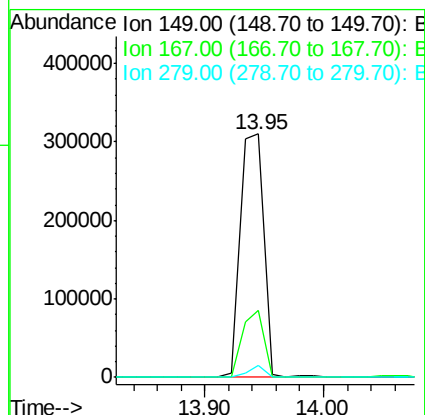
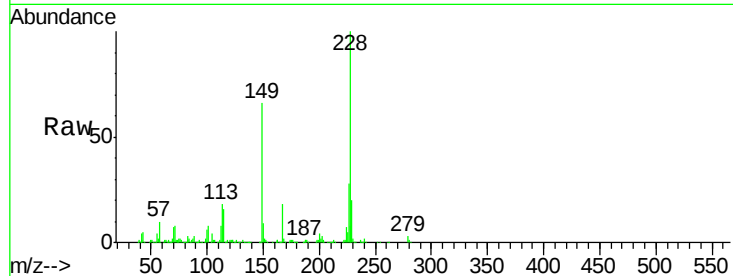
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.69 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB89268BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	431560		
167	27.3	19.4	29.2	
279	5.0	1.5	2.3#	

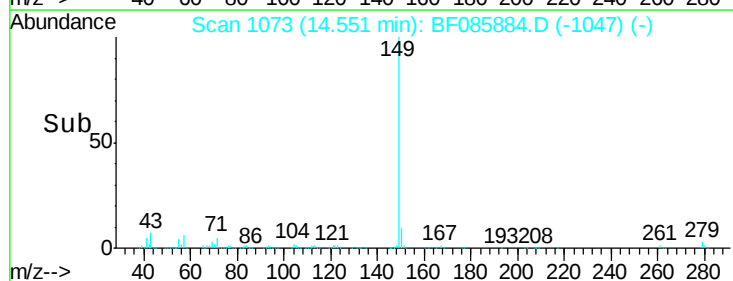
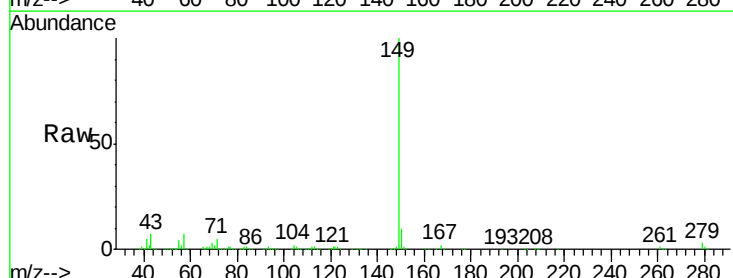
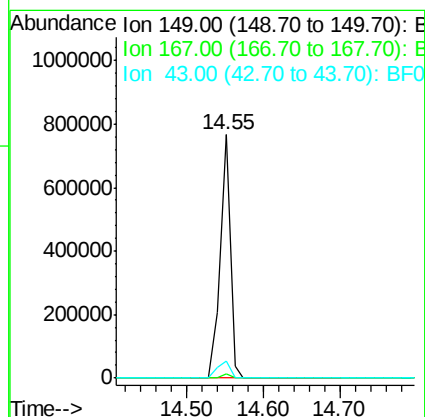
Manual Integrations
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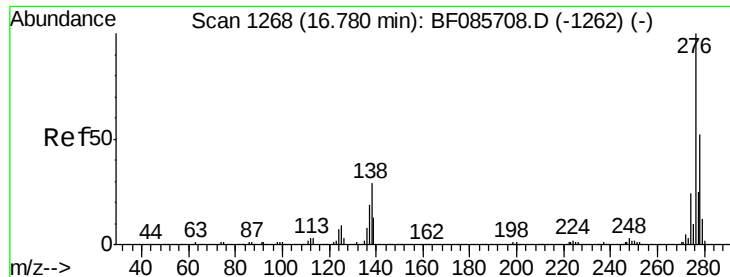
Sohil
 3/31/2016 4:51:35 PM



#84
 Di-n-octyl phthalate
 Concen: 42.36 ng
 RT: 14.55 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702676		
167	1.5	1.2	1.8	
43	8.6	7.1	10.7	





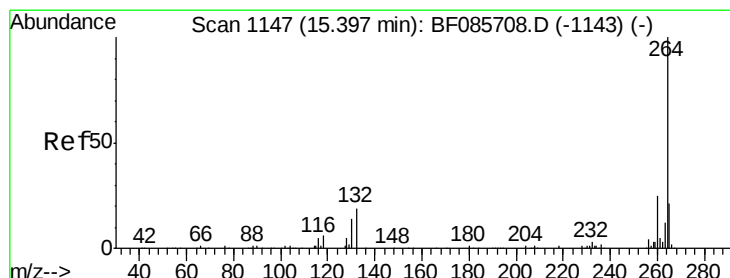
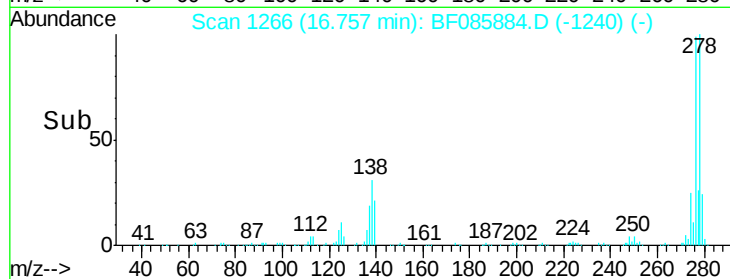
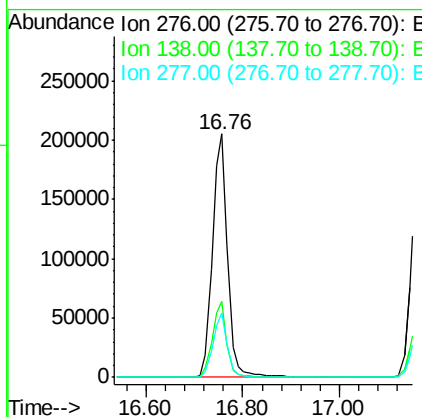
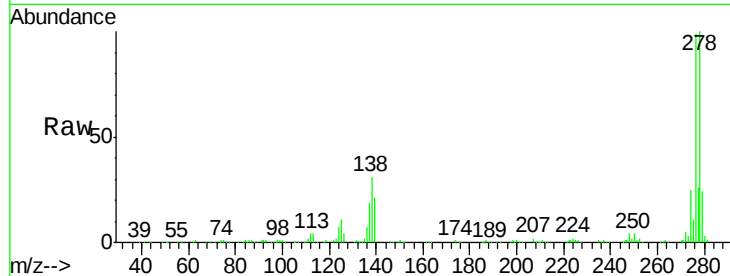
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Instrument :
 BNA_F
 ClientSampleID :
 PB89268BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.2	20.0	30.0

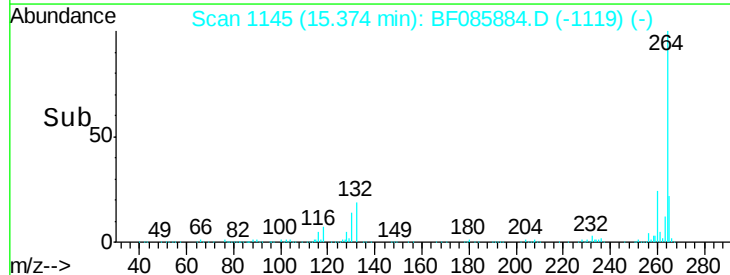
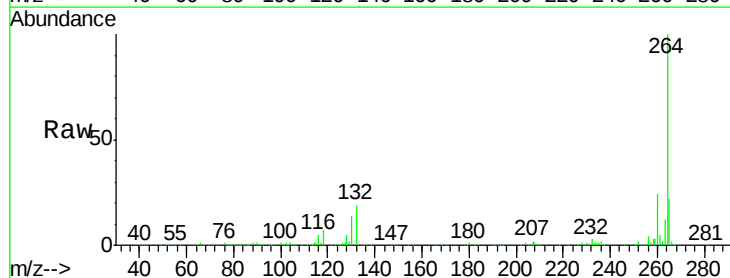
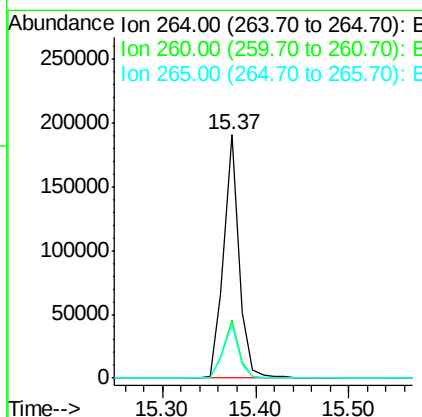
Manual Integrations
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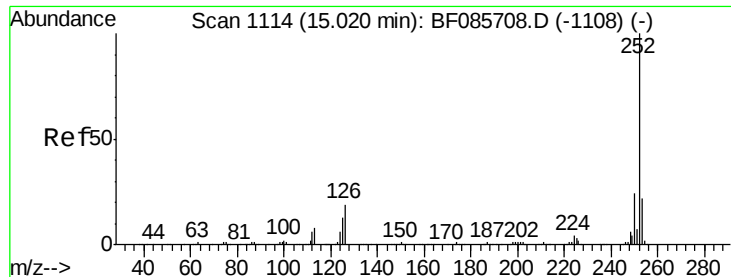
Sohil
 3/31/2016 4:51:35 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF085884.D
 Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.2	25.8





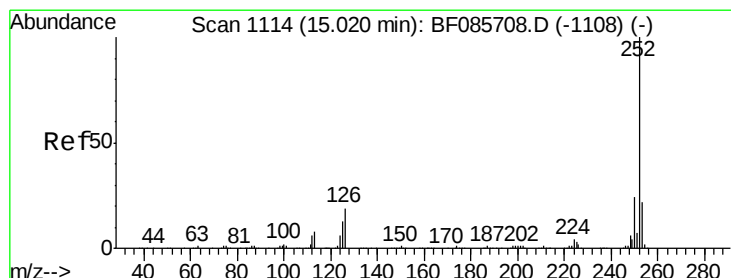
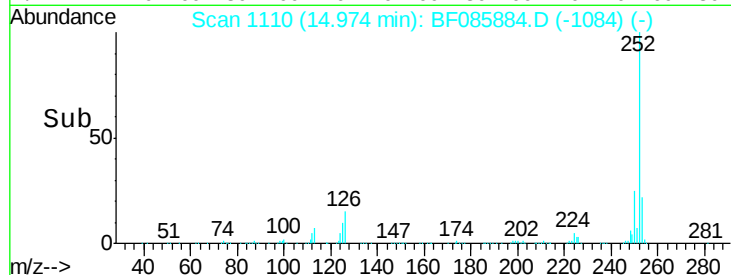
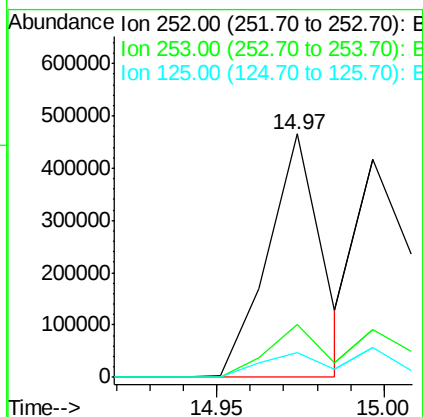
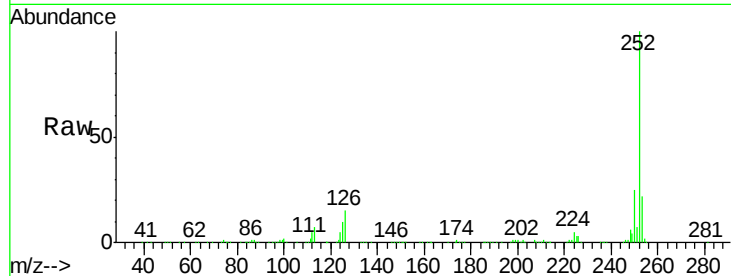
#87
Benzo(b)fluoranthene
Concen: 38.00 ng m
RT: 14.97 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB89268BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.3	10.3	15.5

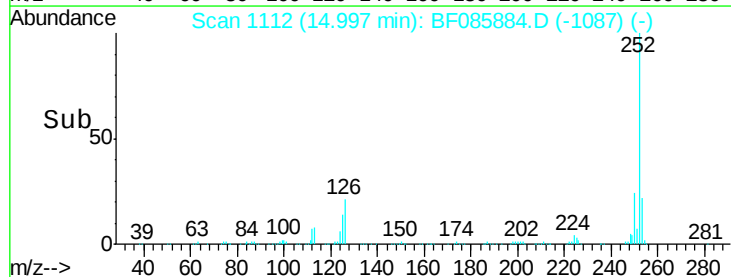
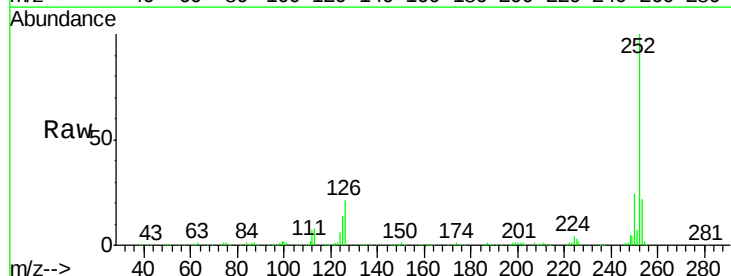
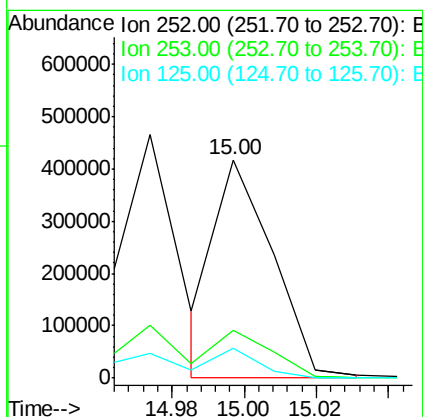
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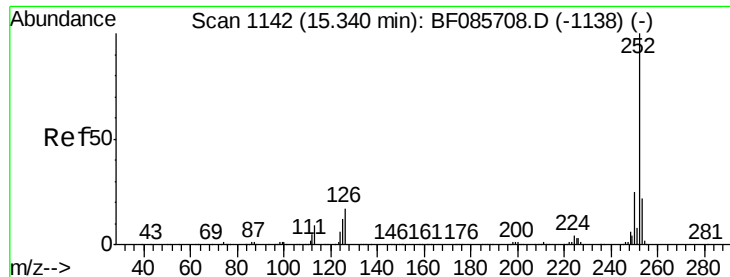
Sohil
3/31/2016 4:51:35 PM



#88
Benzo(k)fluoranthene
Concen: 37.08 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF085884.D
Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.9	7.7	11.5#





#89

Benzo(a)pyrene

Concen: 38.32 ng

RT: 15.32 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

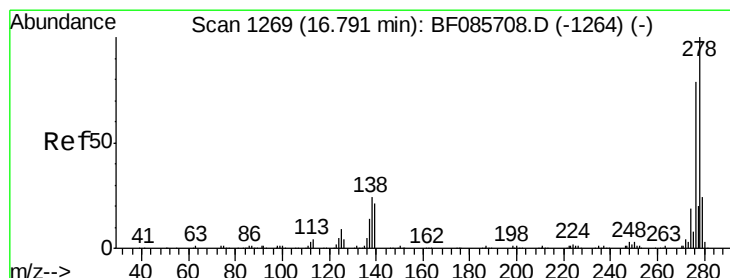
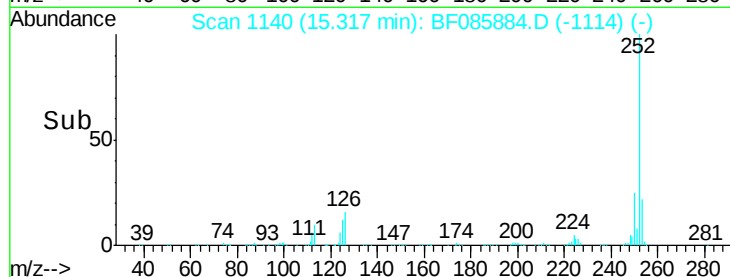
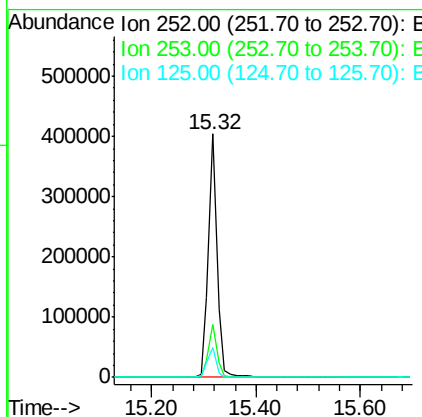
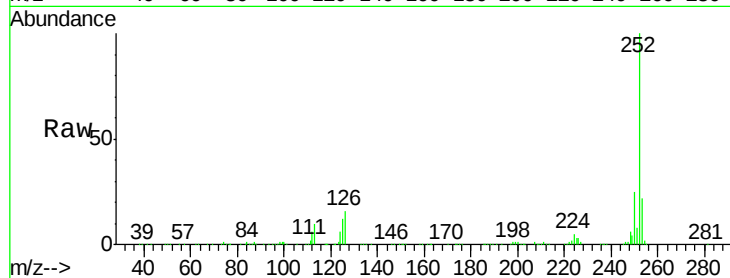
ClientSampleId :

PB89268BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	12.2	10.3	15.5

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#90

Dibenzo(a,h)anthracene

Concen: 33.64 ng

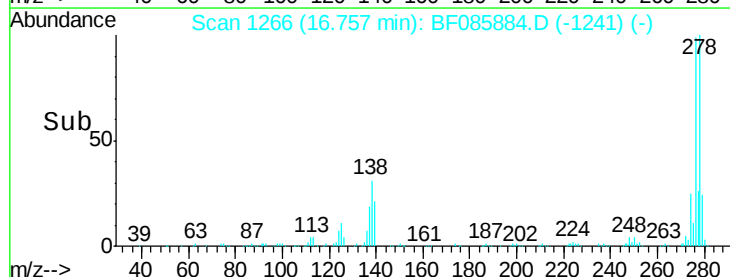
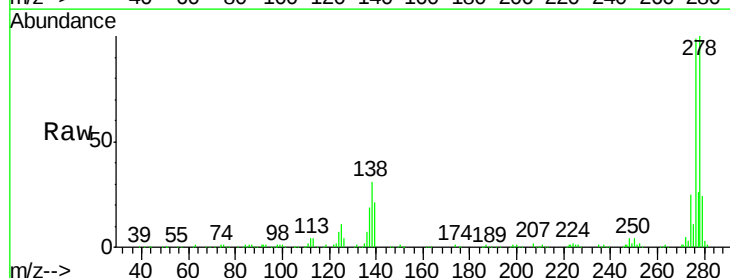
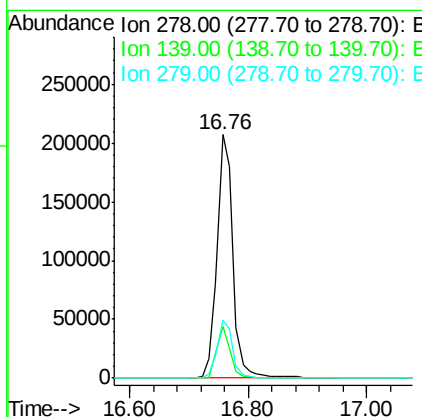
RT: 16.76 min Scan# 1266

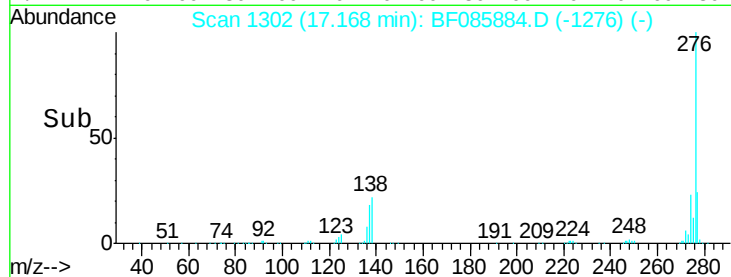
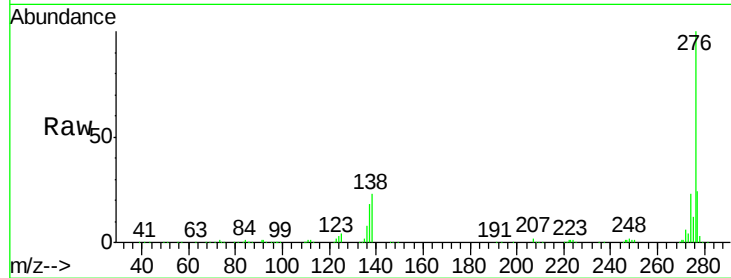
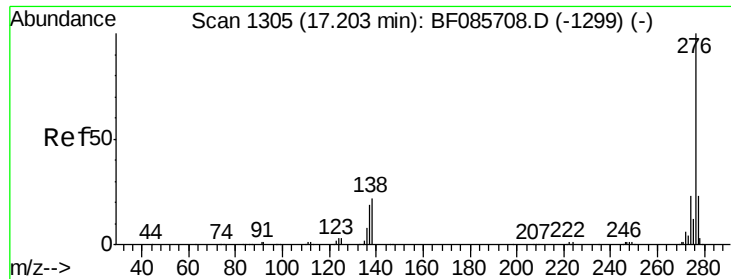
Delta R.T. -0.01 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.4	21.6
279	23.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 32.77 ng

RT: 17.17 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF085884.D

Acq: 30 Mar 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB89268BSD

Tgt Ion: 276 Resp: 379575

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.5 22.6 34.0

Manual Integrations
APPROVED

Sohil
3/31/2016 4:51:35 PM

