

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085717.D
 Acq On : 24 Mar 2016 16:28
 Operator : UM/SJ
 Sample : PB88875BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:04:23 PM

Quant Time: Mar 25 01:08:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106363	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	416980	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	202840	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	387000	20.00	ng	0.00
75) Chrysene-d12	13.98	240	278532	20.00	ng	0.00
86) Perylene-d12	15.40	264	185866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	751478	117.67	ng	0.02
7) Phenol-d6	6.46	99	881841	108.60	ng	0.00
23) Nitrobenzene-d5	7.40	82	585482	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	212998	110.52	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1025299	84.45	ng	0.00
78) Terphenyl-d14	12.93	244	923169	68.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	92063	30.19	ng	97
3) Pyridine	3.19	79	269327	36.84	ng	100
4) n-Nitrosodimethylamine	3.13	42	115482	39.46	ng	99
6) Aniline	6.48	93	252937	23.14	ng	# 71
8) 2-Chlorophenol	6.61	128	286866	38.66	ng	96
9) Benzaldehyde	6.37	77	55941	11.43	ng	94
10) Phenol	6.47	94	306762	33.35	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	259641	36.68	ng	98
12) 1,3-Dichlorobenzene	6.77	146	288775	36.14	ng	99
13) 1,4-Dichlorobenzene	6.84	146	288739	35.63	ng	99
14) 1,2-Dichlorobenzene	7.00	146	289365	38.32	ng	99
15) Benzyl Alcohol	6.97	79	237465	43.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	339649	36.16	ng	97
17) 2-Methylphenol	7.09	107	247007	41.58	ng	98
18) Hexachloroethane	7.34	117	112332	37.86	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	185219	38.10	ng	92
20) 3+4-Methylphenols	7.24	107	275819	38.62	ng	93
22) Acetophenone	7.24	105	354572	36.50	ng	# 99
24) Nitrobenzene	7.41	77	270675	35.46	ng	99
25) Isophorone	7.65	82	537267	37.67	ng	99
26) 2-Nitrophenol	7.73	139	148557	38.90	ng	92
27) 2,4-Dimethylphenol	7.77	122	284270	42.59	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	355891	43.79	ng	99
29) 2,4-Dichlorophenol	7.97	162	223956	39.91	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	230940	37.07	ng	99
31) Naphthalene	8.13	128	780420	37.14	ng	99
32) Benzoic acid	7.90	122	166132	37.48	ng	95
33) 4-Chloroaniline	8.18	127	108548	12.65	ng	98
34) Hexachlorobutadiene	8.25	225	128650	38.00	ng	100
35) Caprolactam	8.55	113	75277m	37.87	ng	
36) 4-Chloro-3-methylphenol	8.68	107	274949	41.95	ng	92
37) 2-Methylnaphthalene	8.82	142	555585	45.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	220401	36.64	ng	99
40) Hexachlorocyclopentadiene	8.97	237	191176	76.69	ng	99

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Quant Time: Mar 25 01:08:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	158160	38.93	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	166289	39.03	ng #	83
45) 1,1'-Biphenyl	9.29	154	645352	37.70	ng	94
46) 2-Chloronaphthalene	9.32	162	513869	40.83	ng	98
47) 2-Nitroaniline	9.41	65	141275	36.71	ng	88
48) Acenaphthylene	9.73	152	826690	40.31	ng	99
49) Dimethylphthalate	9.59	163	568072	36.91	ng	99
50) 2,6-Dinitrotoluene	9.66	165	133747	40.38	ng #	62
51) Acenaphthene	9.90	154	482674	38.53	ng	99
52) 3-Nitroaniline	9.82	138	81211	21.42	ng	97
53) 2,4-Dinitrophenol	9.93	184	128895	77.24	ng #	83
54) Dibenzofuran	10.07	168	693969	42.80	ng	98
55) 4-Nitrophenol	9.99	139	202181	81.85	ng	96
56) 2,4-Dinitrotoluene	10.06	165	173562	41.22	ng #	64
57) Fluorene	10.41	166	564082	41.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	128371	43.35	ng	98
59) Diethylphthalate	10.29	149	569334	37.45	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	233259	35.40	ng	96
61) 4-Nitroaniline	10.44	138	139252	38.40	ng	90
62) Azobenzene	10.56	77	620428	42.46	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	92764	40.93	ng #	62
65) n-Nitrosodiphenylamine	10.53	169	506964	41.36	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	159489	40.28	ng	97
67) Hexachlorobenzene	10.96	284	172421	41.64	ng	97
68) Atrazine	11.05	200	157492	38.06	ng	98
69) Pentachlorophenol	11.16	266	171266	84.25	ng	100
70) Phenanthrene	11.37	178	861735	43.37	ng	100
71) Anthracene	11.42	178	788065	37.78	ng	100
72) Carbazole	11.58	167	747374	42.67	ng	100
73) Di-n-butylphthalate	11.91	149	977848	40.69	ng	100
74) Fluoranthene	12.55	202	813594	38.52	ng	100
76) Benzidine	12.68	184	246389	25.12	ng	99
77) Pyrene	12.78	202	822020	35.90	ng	99
79) Butylbenzylphthalate	13.41	149	358631	37.40	ng	95
80) Benzo(a)anthracene	13.97	228	615049	38.73	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	79761	7.24	ng #	97
82) Chrysene	14.00	228	529504	33.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	432304	37.66	ng	100
84) Di-n-octyl phthalate	14.57	149	668233	39.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	445216	36.04	ng	99
87) Benzo(b)fluoranthene	15.00	252	528137m	45.11	ng	
88) Benzo(k)fluoranthene	15.02	252	385403m	36.51	ng	
89) Benzo(a)pyrene	15.34	252	427647	41.13	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	371923	38.50	ng	99
91) Benzo(g,h,i)perylene	17.19	276	380407	38.89	ng	97

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

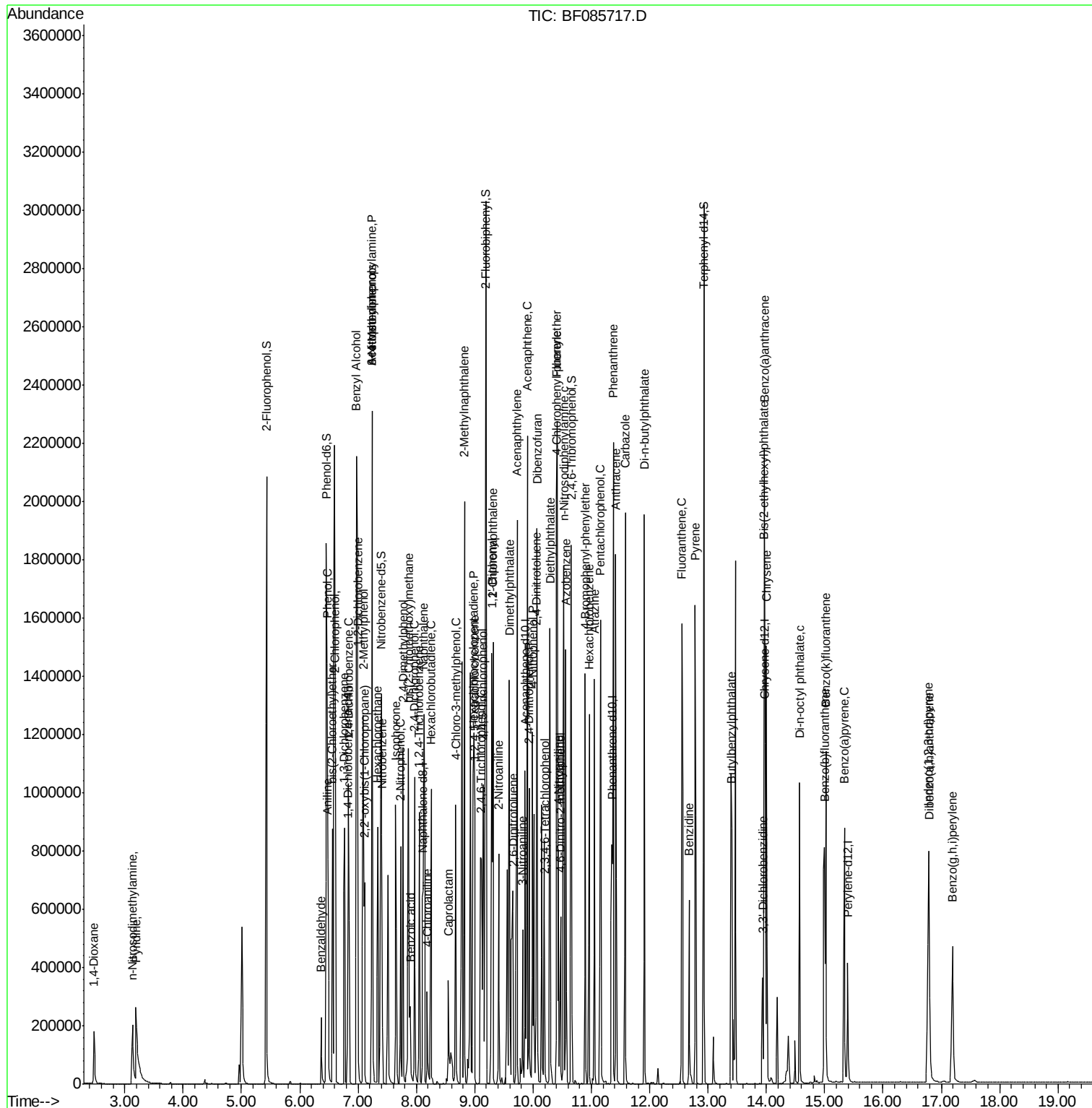
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\  
Data File : BF085717.D  
Acq On    : 24 Mar 2016   16:28  
Operator  : UM/SJ  
Sample    : PB88875BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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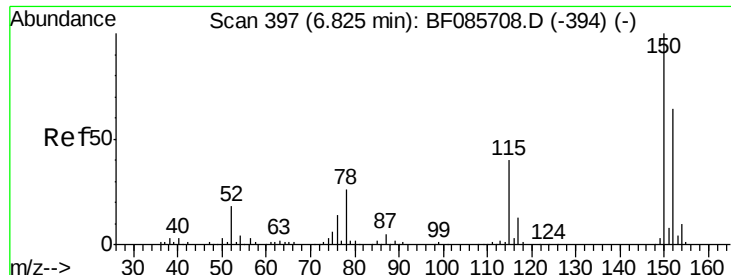
Instrument :
BNA_F
ClientSampleId :
PB88875BS

Manual Integrations APPROVED

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#1

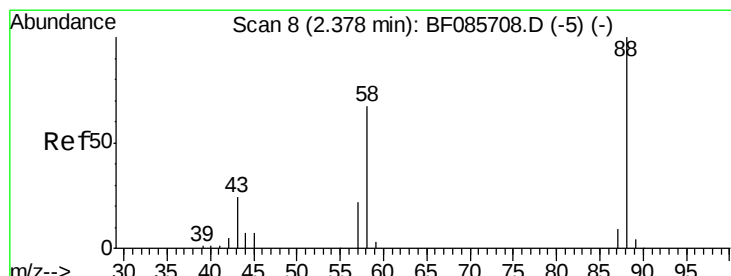
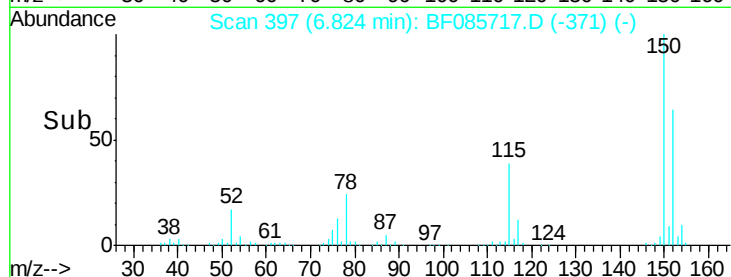
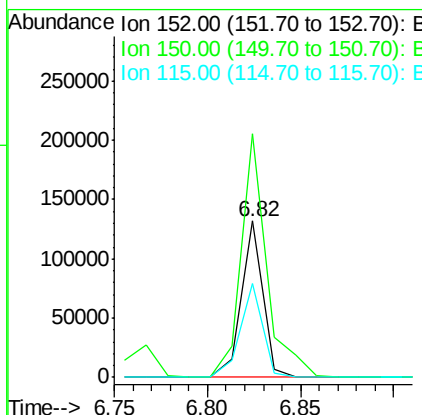
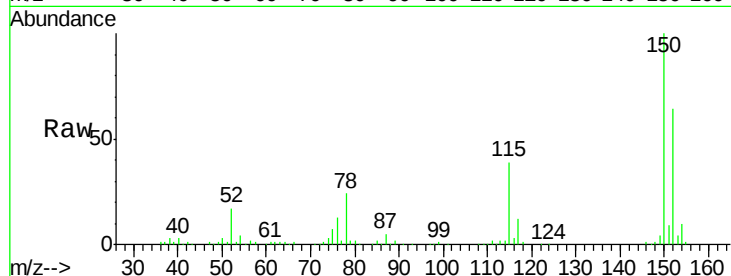
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	60.3	47.0	70.6

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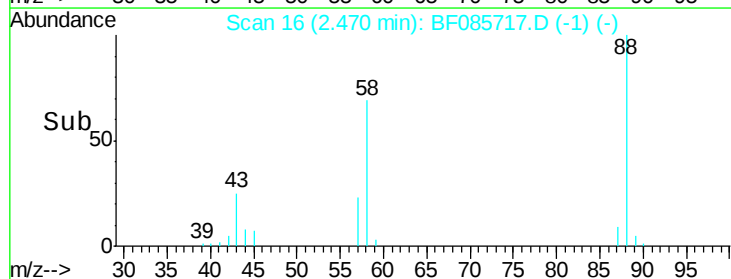
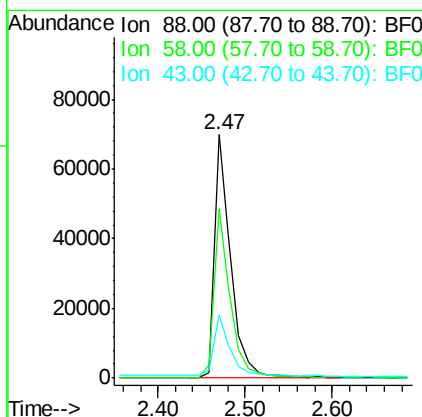
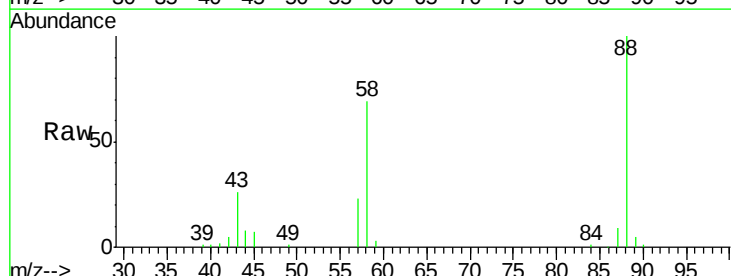
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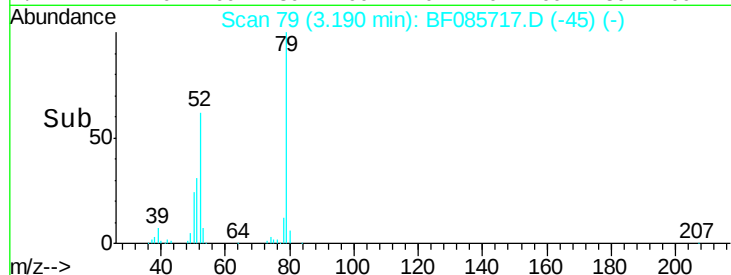
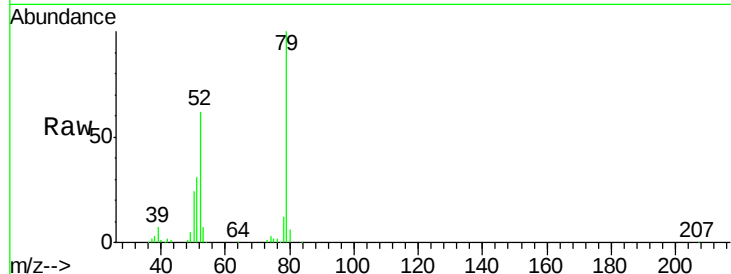


#2

1,4-Dioxane
Concen: 30.19 ng
RT: 2.47 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	54.2	81.2
43	25.9	19.3	28.9





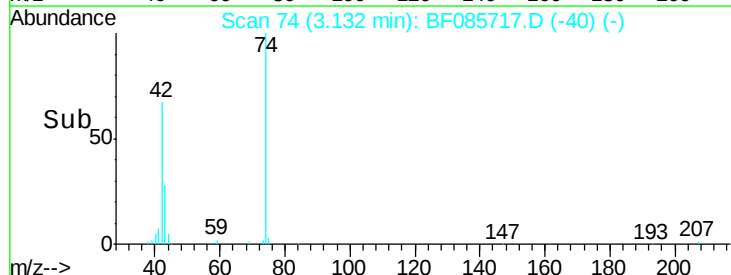
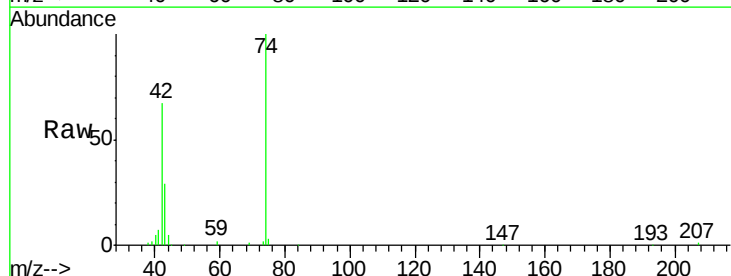
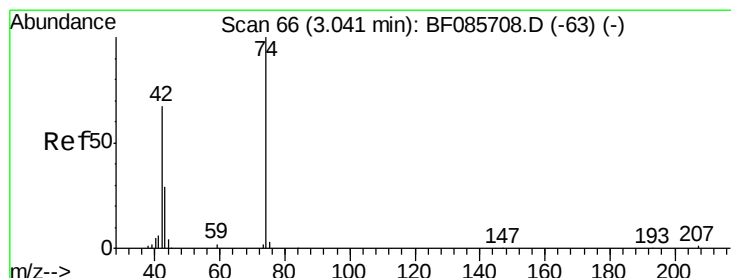
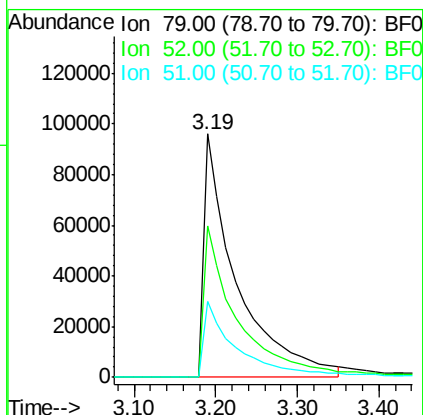
#3
 Pyridine
 Concen: 36.84 ng
 RT: 3.19 min Scan# 79
 Delta R.T. 0.09 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		269327		
52	61.9	49.8	74.6		
51	31.0	24.7	37.1		

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

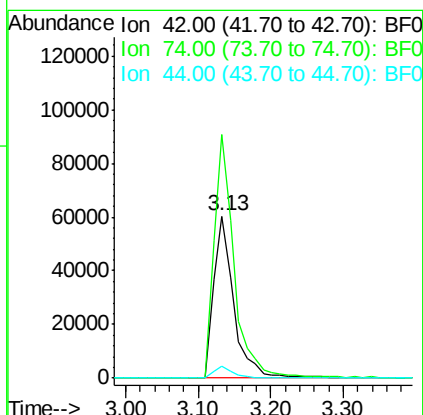
Manual Integrations
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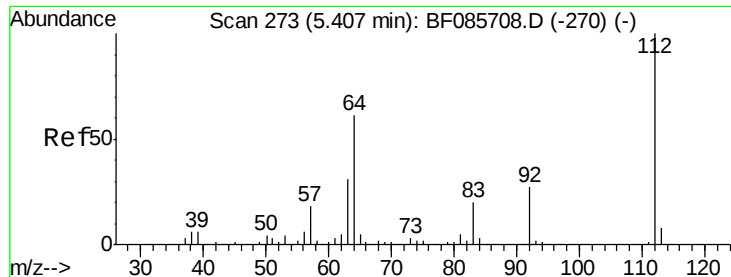
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#4
 n-Nitrosodimethylamine
 Concen: 39.46 ng
 RT: 3.13 min Scan# 74
 Delta R.T. 0.09 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		115482		
74	150.3	121.4	182.2		
44	7.2	5.6	8.4		





#5

2-Fluorophenol

Concen: 117.67 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085717.D

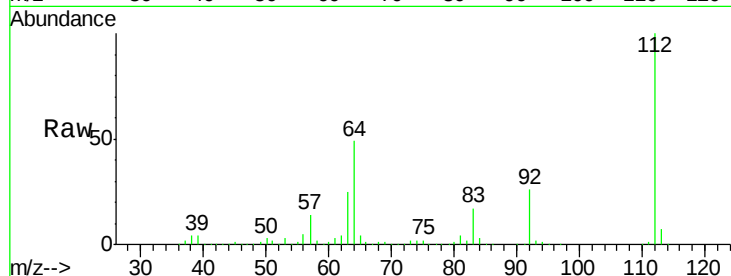
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Instrument :

BNA_F

ClientSampleId :

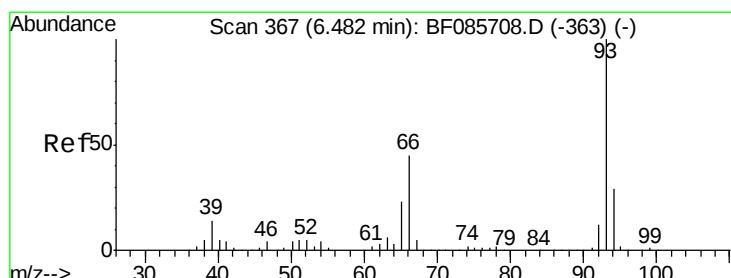
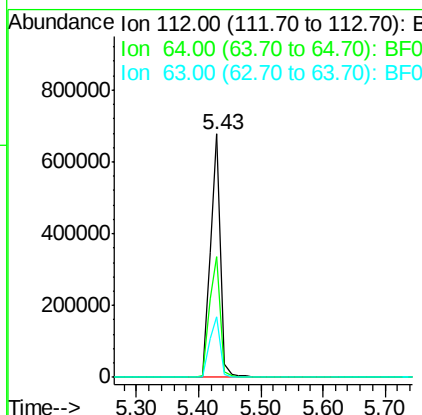
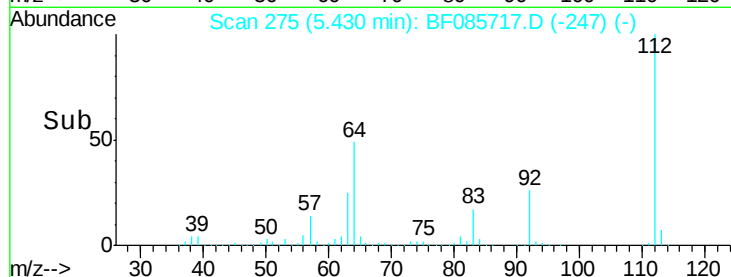
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	751478		
64	49.4	39.9	59.9	
63	24.8	20.2	30.2	

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#6

Aniline

Concen: 23.14 ng

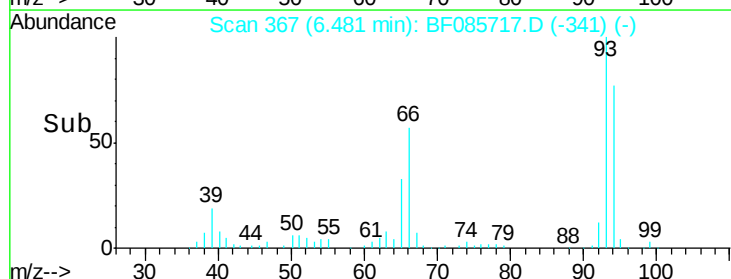
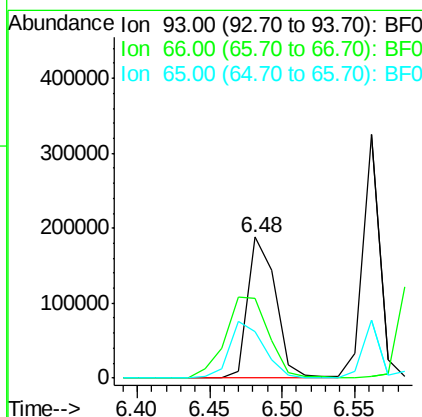
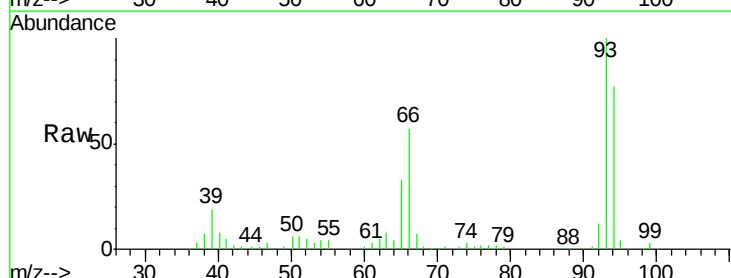
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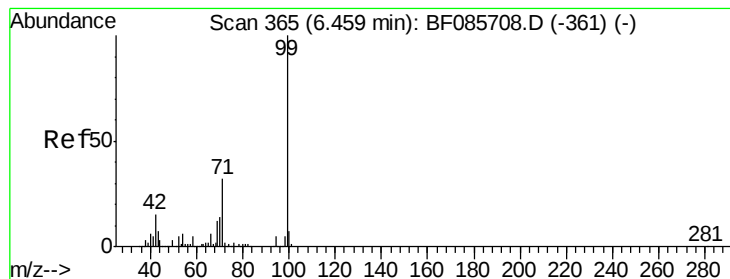
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252937		
66	57.0	31.4	47.2#	
65	33.1	15.7	23.5#	





#7

Phenol-d6

Concen: 108.60 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085717.D

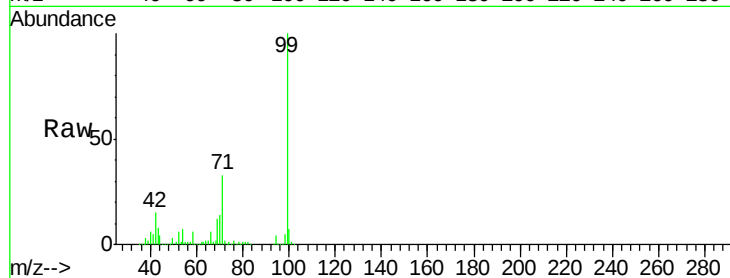
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Instrument :

BNA_F

ClientSampleId :

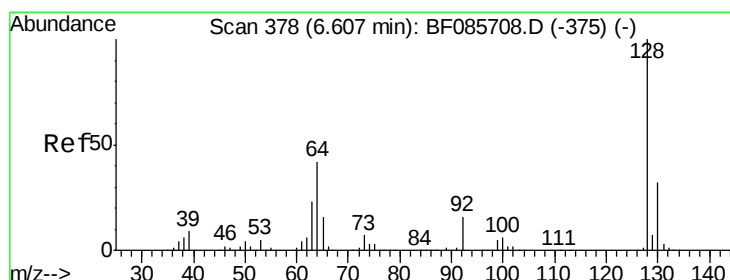
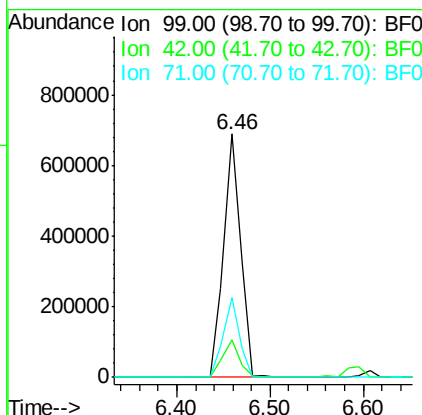
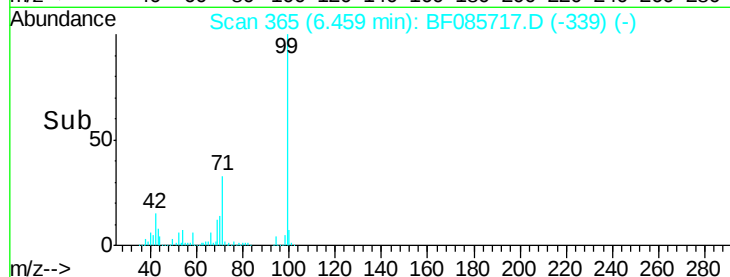
PB88875BS



Tgt Ion:	99	Resp:	881841
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.1	16.7
71	32.7	24.9	37.3

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#8

2-Chlorophenol

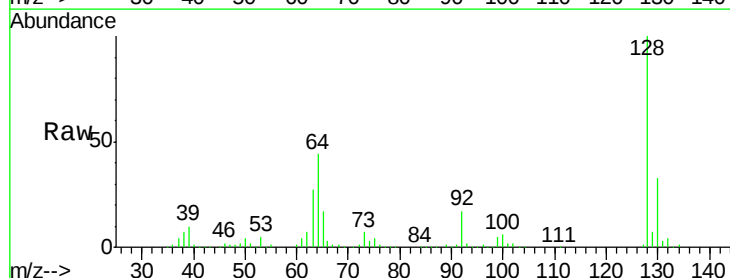
Concen: 38.66 ng

RT: 6.61 min Scan# 378

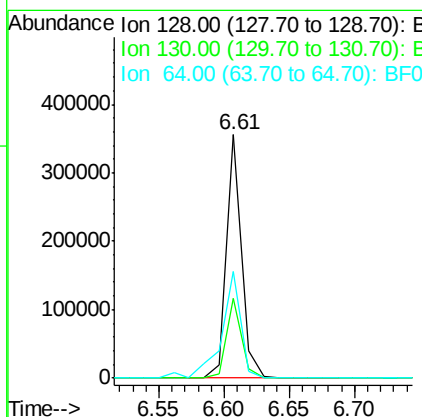
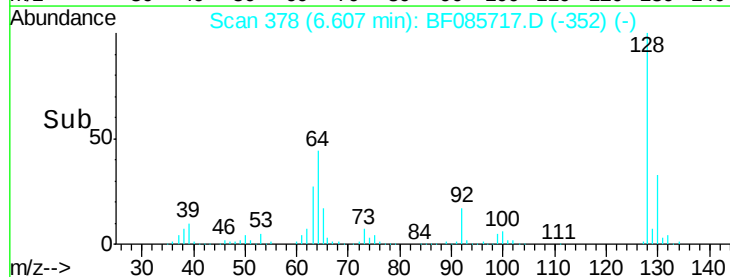
Delta R.T. -0.00 min

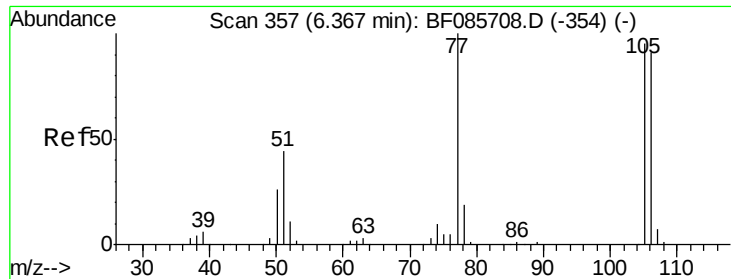
Lab File: BF085717.D

Acq: 24 Mar 2016 16:28



Tgt Ion:	128	Resp:	286866
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	43.9	20.2	60.2





#9

Benzaldehyde

Concen: 11.43 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085717.D

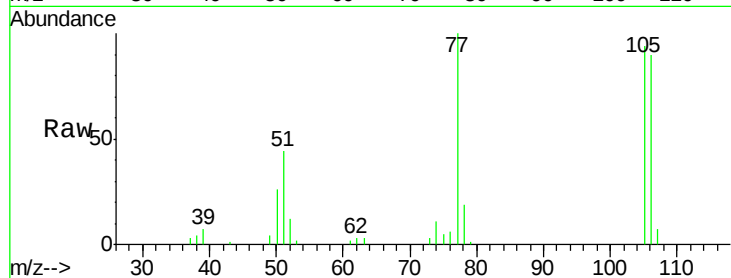
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS



Tgt Ion: 77 Resp: 55941

Ion Ratio Lower Upper

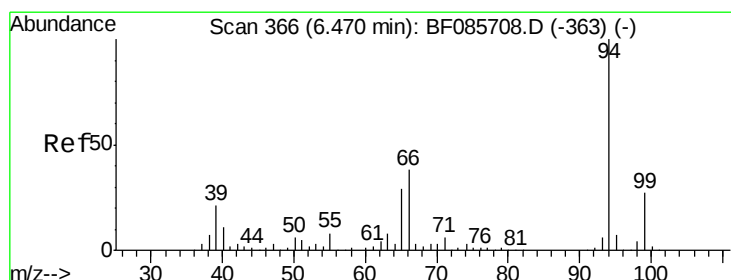
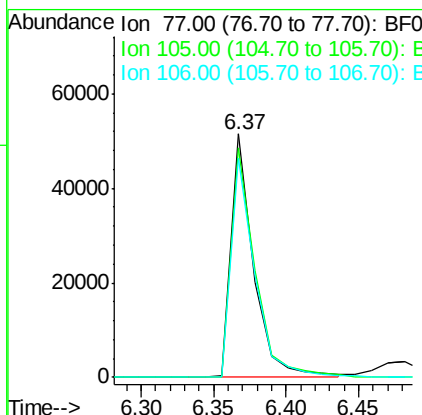
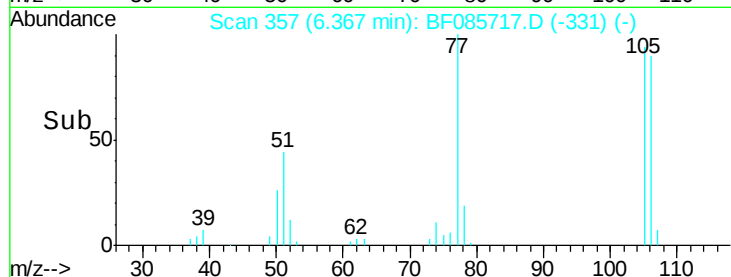
77 100

105 94.1 80.1 120.1

106 89.9 75.0 115.0

Manual Integrations
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#10

Phenol

Concen: 33.35 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

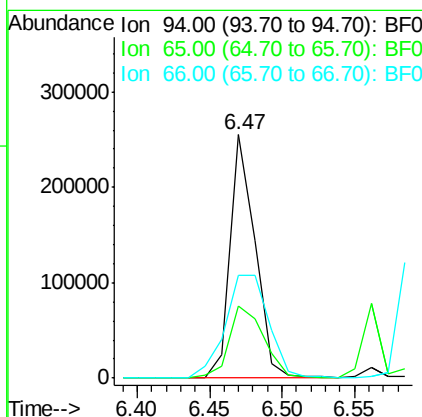
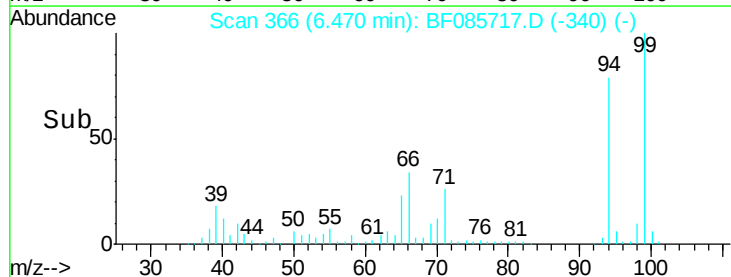
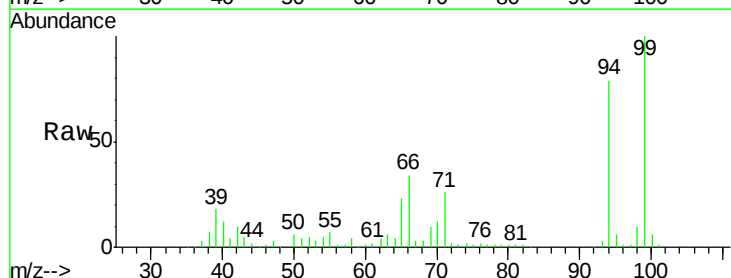
Tgt Ion: 94 Resp: 306762

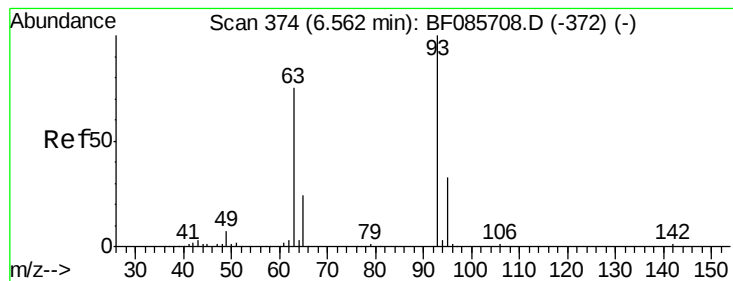
Ion Ratio Lower Upper

94 100

65 29.5 8.6 48.6

66 42.4 20.0 60.0





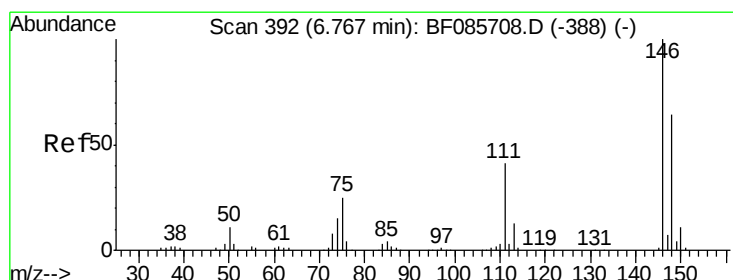
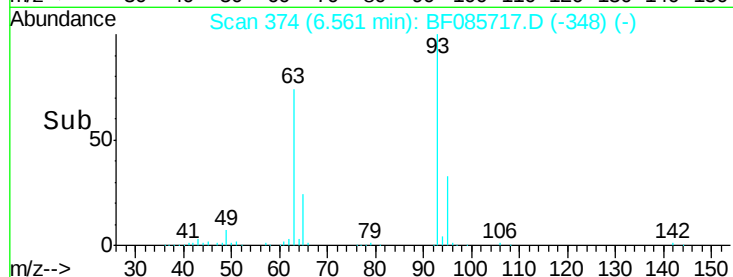
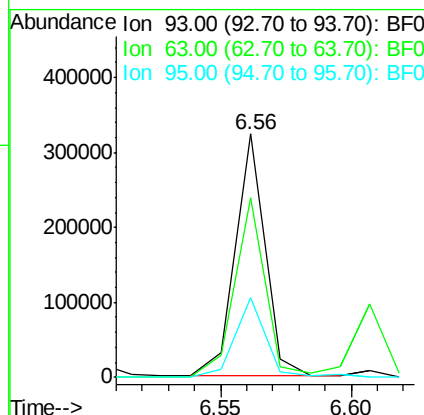
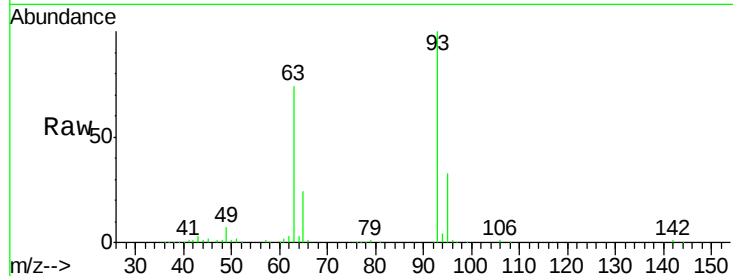
#11
bis(2-Chloroethyl)ether
Concen: 36.68 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	259641		
63	73.6	50.9	90.9	
95	33.0	13.3	53.3	

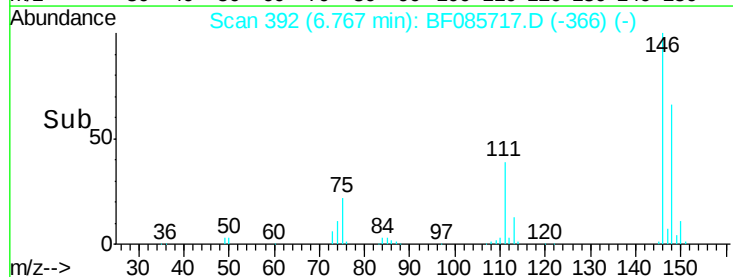
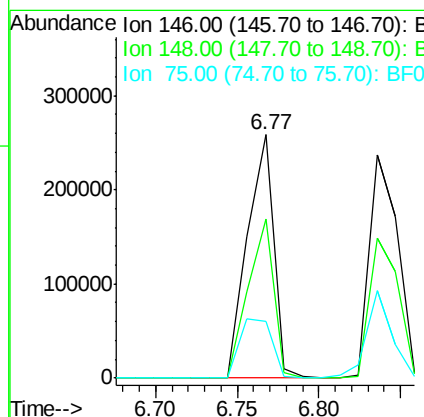
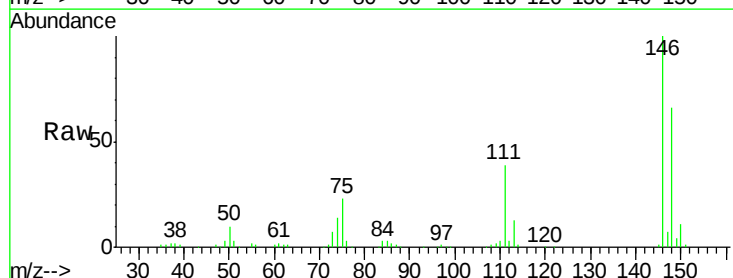
Manual Integrations
APPROVED

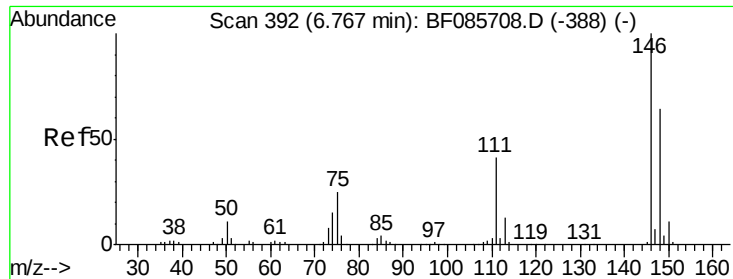
Sohil
3/25/2016 3:04:23 PM



#12
1,3-Dichlorobenzene
Concen: 36.14 ng
RT: 6.77 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288775		
148	65.5	52.3	78.5	
75	23.2	17.4	26.2	





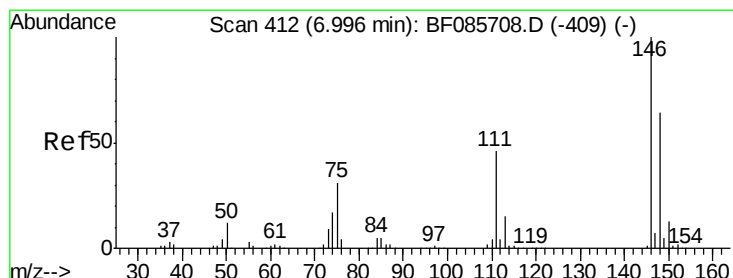
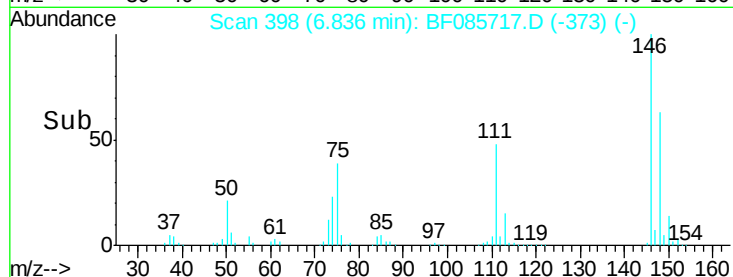
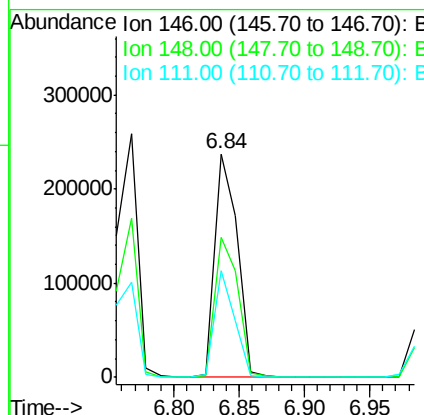
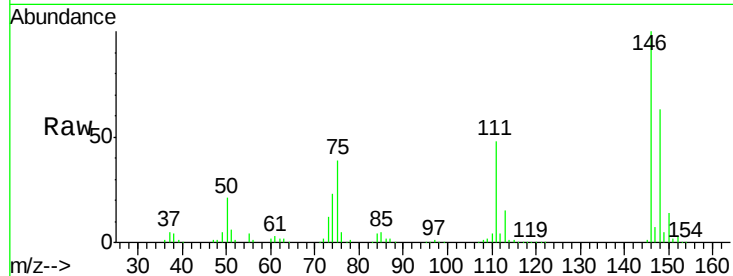
#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	47.9	37.8	56.6

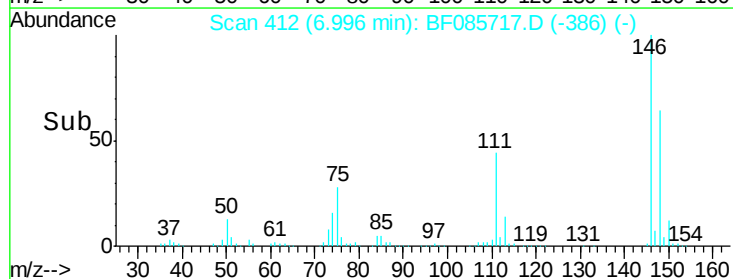
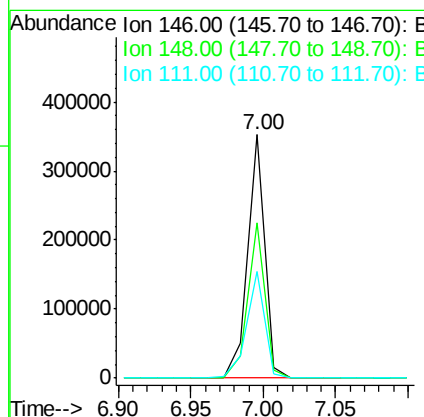
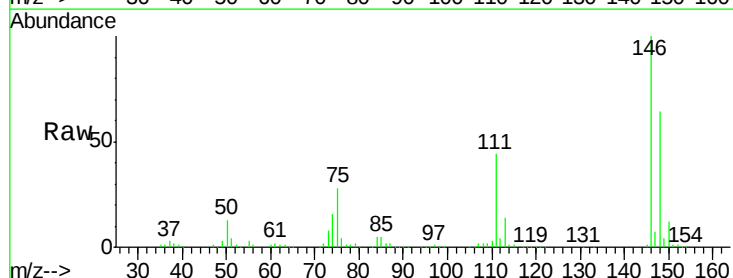
Manual Integrations
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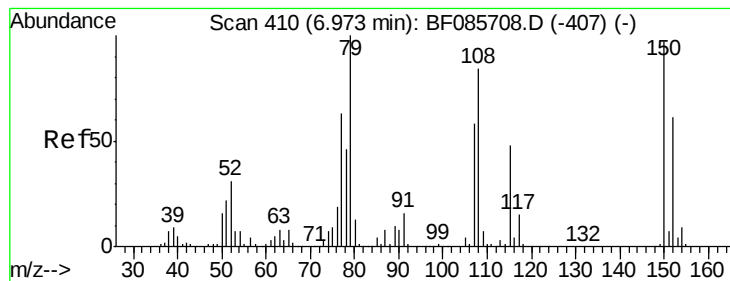
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.32 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	43.7	34.6	52.0





#15

Benzyl Alcohol

Concen: 43.83 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

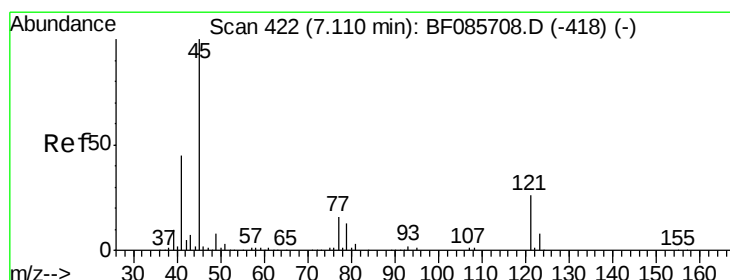
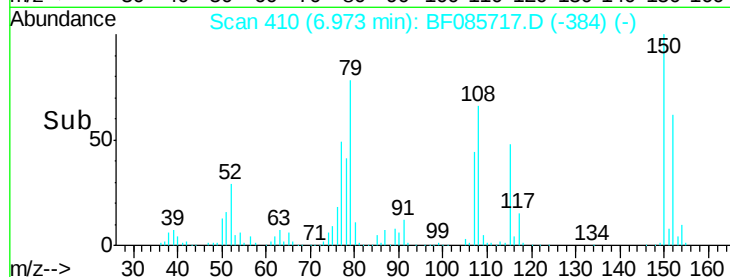
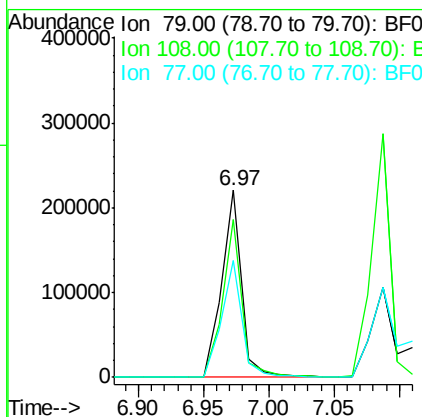
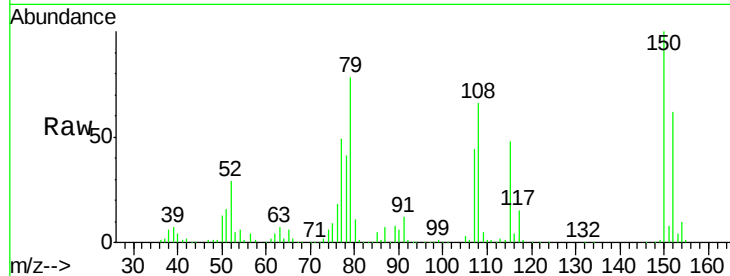
ClientSampleId :

PB88875BS

Tgt Ion:	79	Resp:	237465
Ion Ratio	Lower	Upper	
79	100		
108	84.4	61.8	92.6
77	62.9	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.16 ng

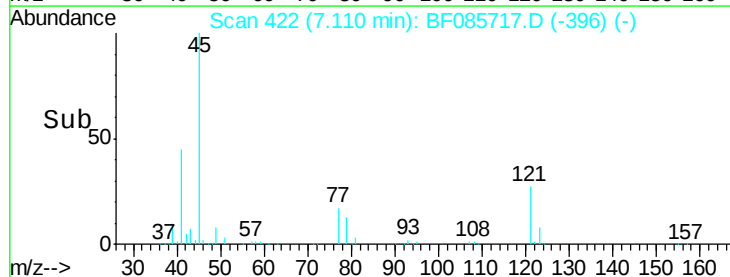
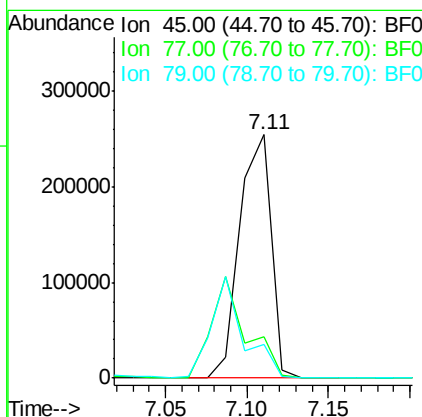
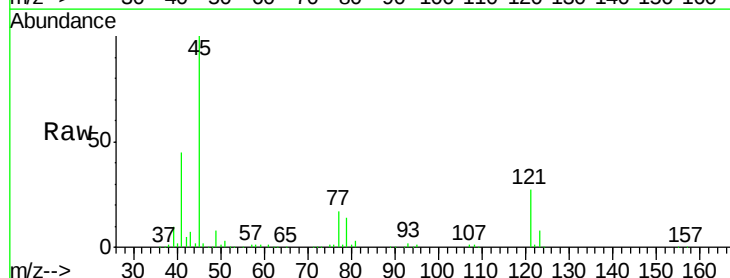
RT: 7.11 min Scan# 422

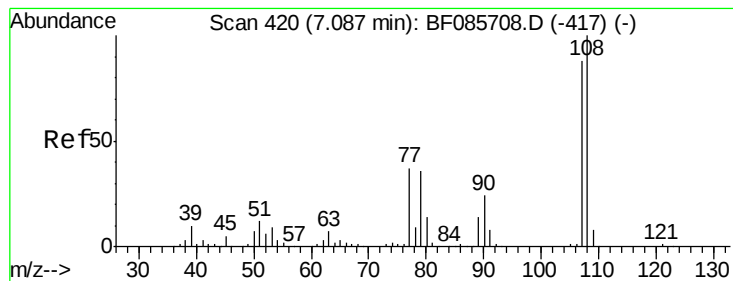
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	45	Resp:	339649
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	35.7
79	13.7	0.0	32.2





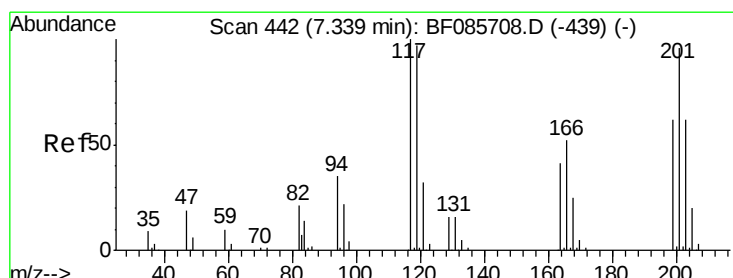
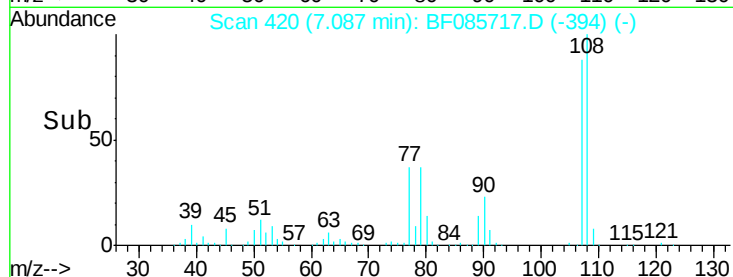
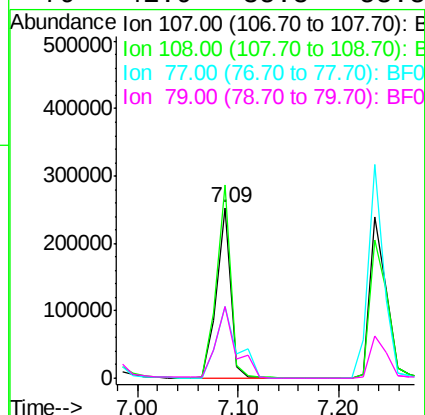
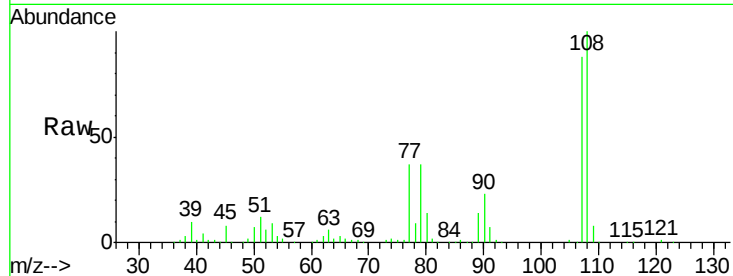
#17
2-Methylphenol
Concen: 41.58 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	247007		
108	113.5	91.4	137.0	
77	41.9	36.2	54.2	
79	41.9	35.8	53.8	

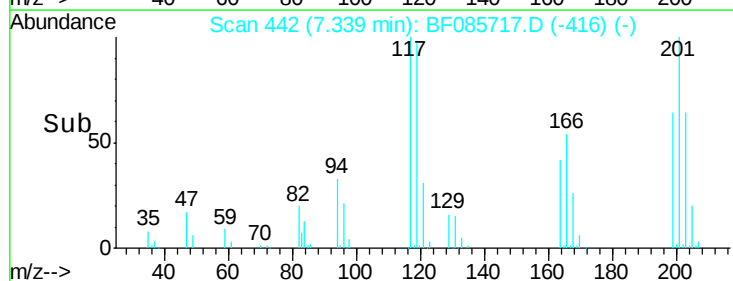
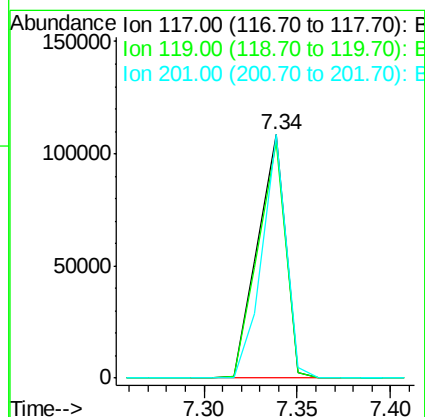
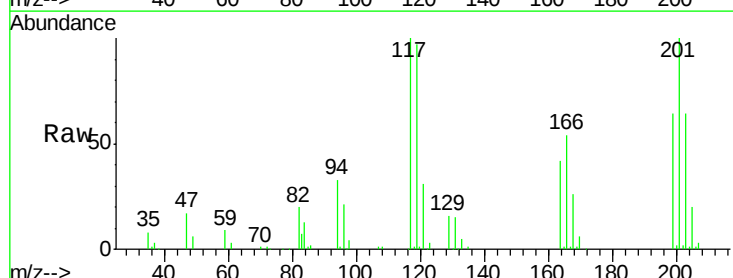
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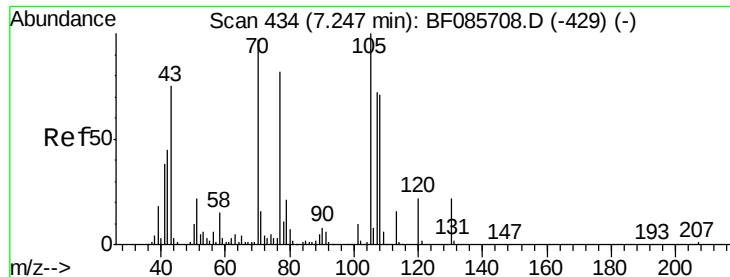
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#18
Hexachloroethane
Concen: 37.86 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112332		
119	96.8	76.7	115.1	
201	99.8	83.3	124.9	





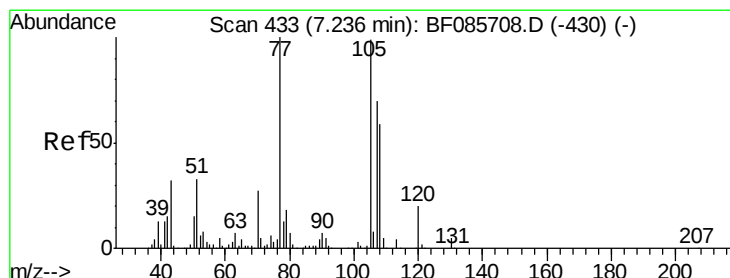
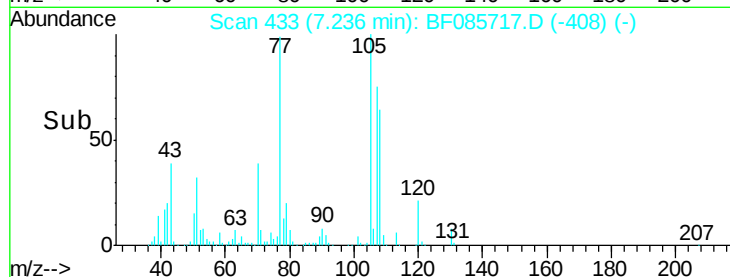
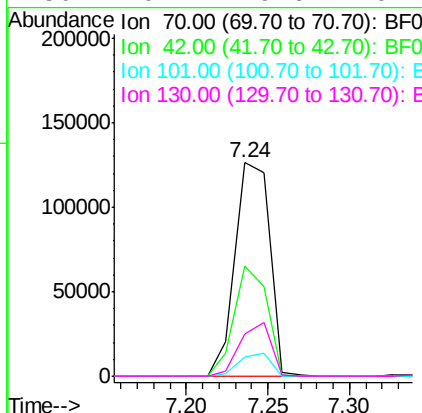
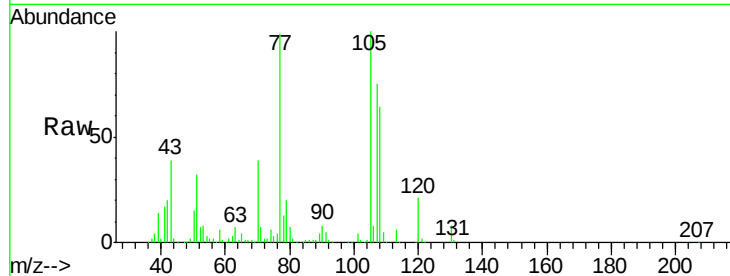
#19
n-Nitroso-di-n-propylamine
Concen: 38.10 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	185219		
42	51.7	37.1	55.7	
101	9.3	8.6	12.8	
130	19.7	19.6	29.4	

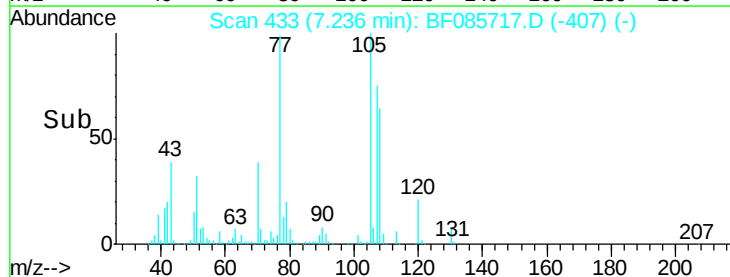
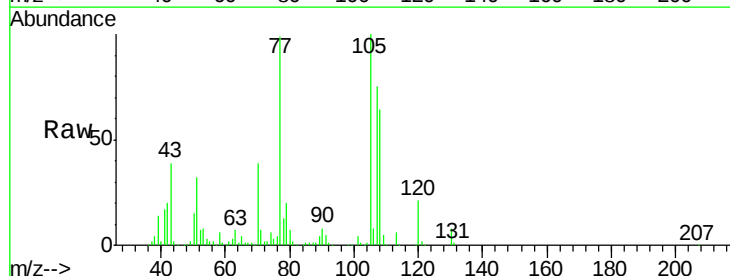
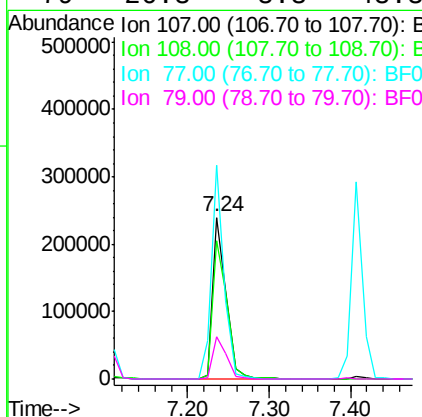
Manual Integrations
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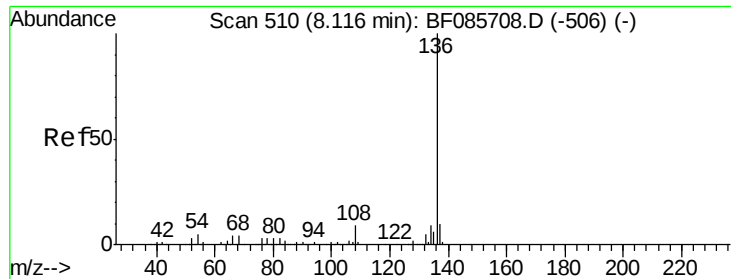
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#20
3+4-Methylphenols
Concen: 38.62 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	275819		
108	86.0	69.3	109.3	
77	132.3	101.7	141.7	
79	26.3	8.3	48.3	





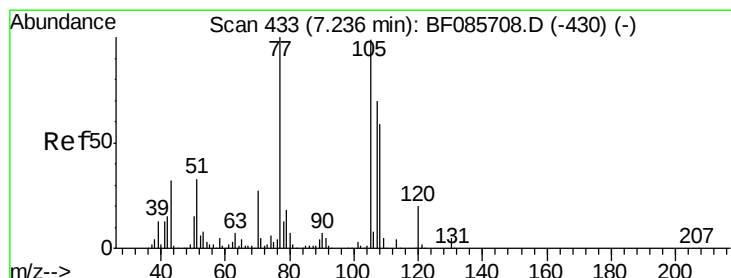
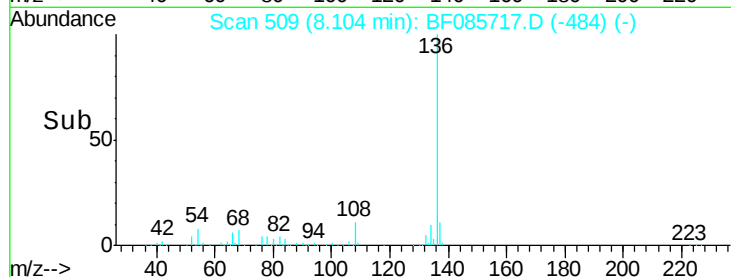
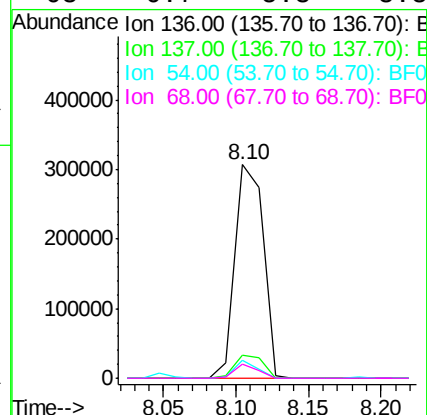
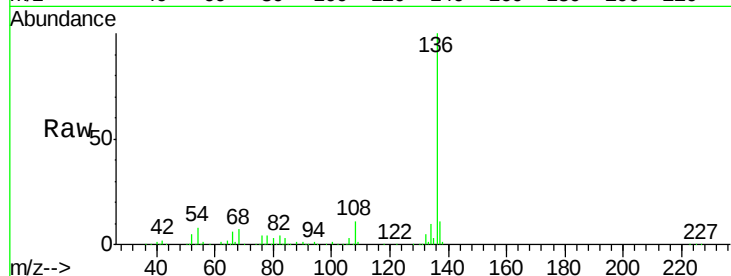
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	416980		
137	11.1	9.1	13.7	
54	8.4	7.4	11.0	
68	6.7	5.8	8.8	

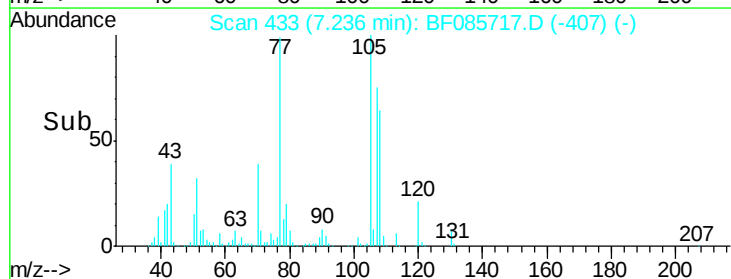
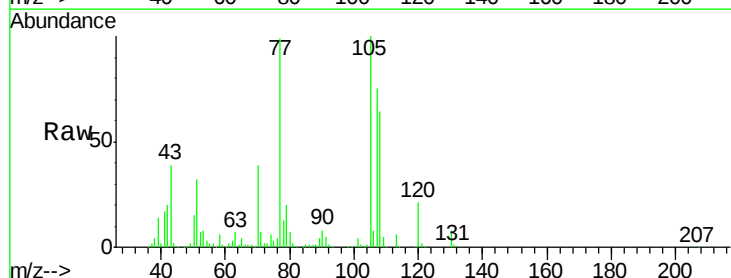
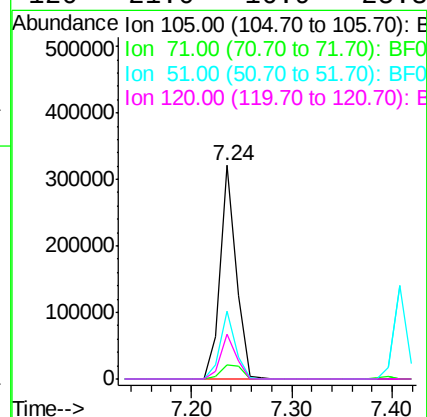
Manual Integrations
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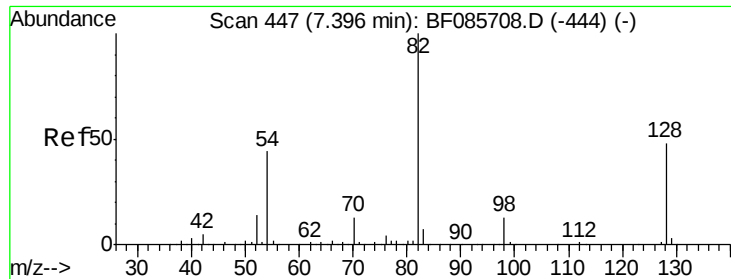
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#22
Acetophenone
Concen: 36.50 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354572		
71	6.6	3.6	5.4#	
51	31.6	25.4	38.0	
120	21.0	16.9	25.3	





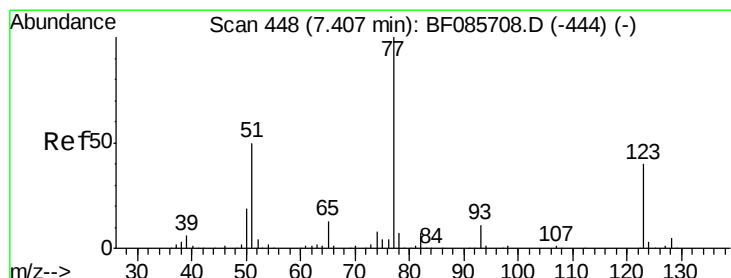
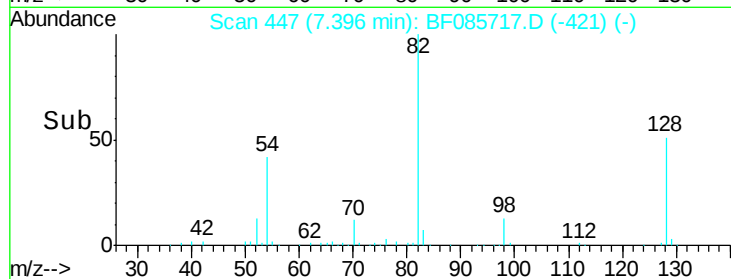
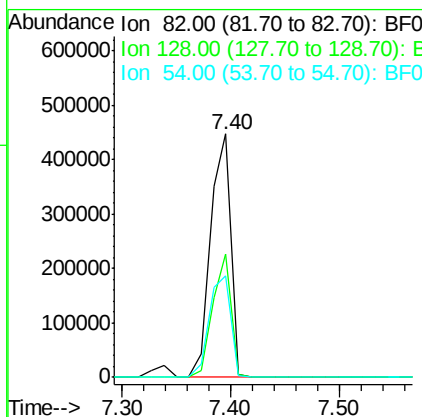
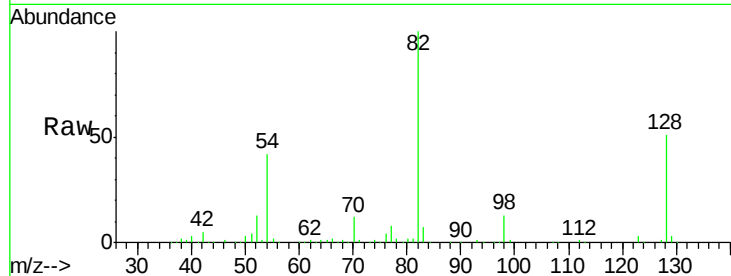
#23
 Nitrobenzene-d5
 Concen: 79.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.8	41.8	62.8
54	41.9	33.4	50.0

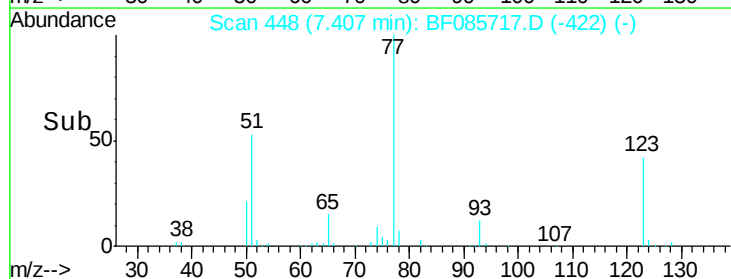
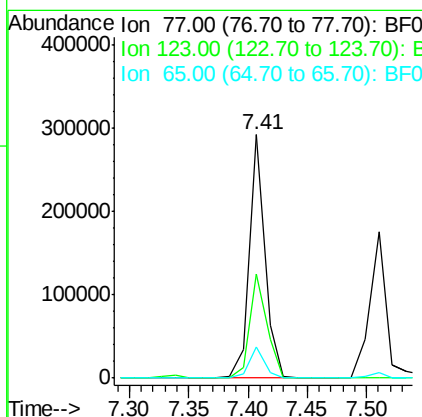
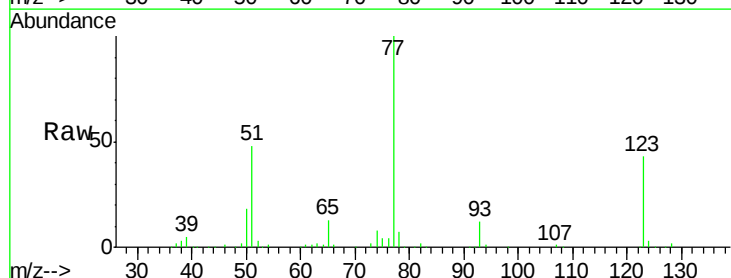
Manual Integrations
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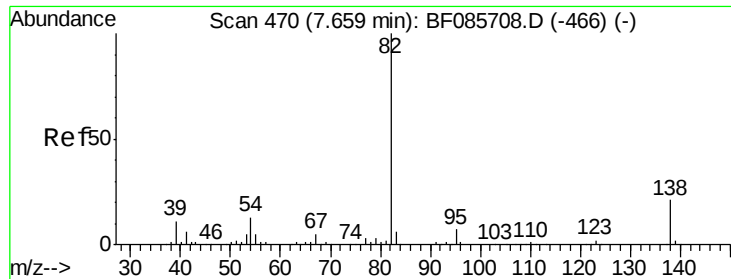
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#24
 Nitrobenzene
 Concen: 35.46 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.0	35.0	52.4
65	13.0	10.6	16.0





#25

Isophorone

Concen: 37.67 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

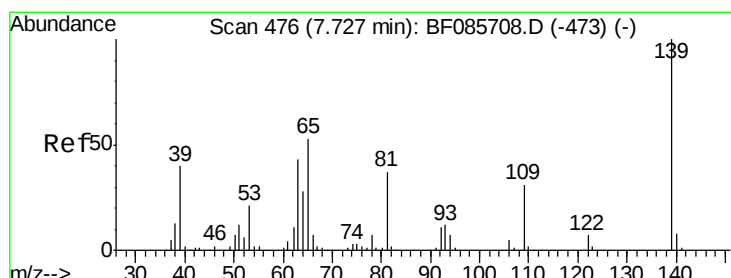
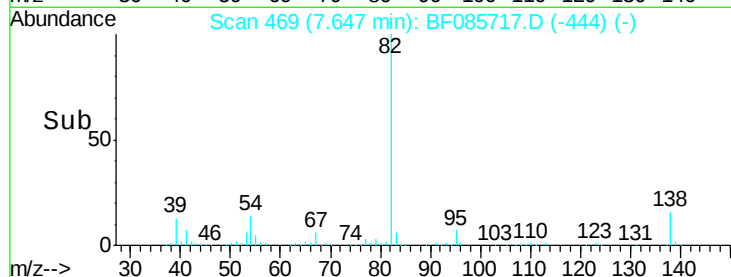
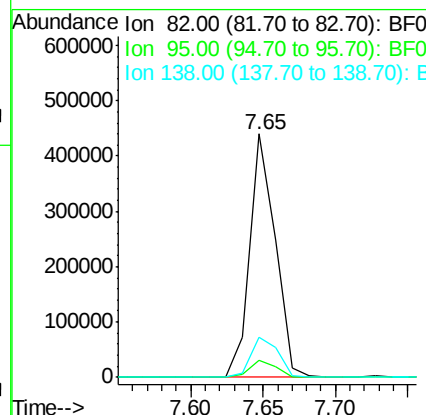
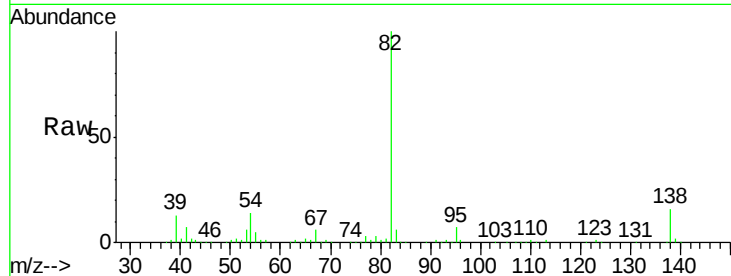
ClientSampleId :

PB88875BS

Tgt Ion:	82	Resp:	537267
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.4	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.90 ng

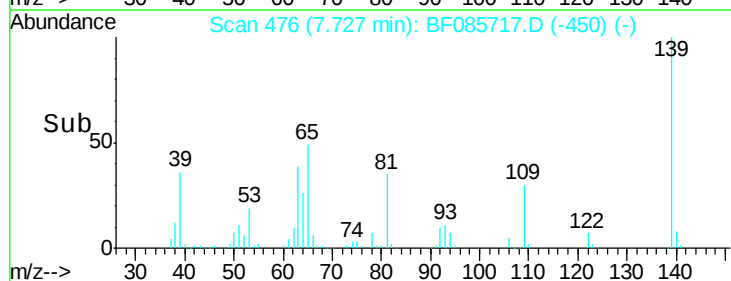
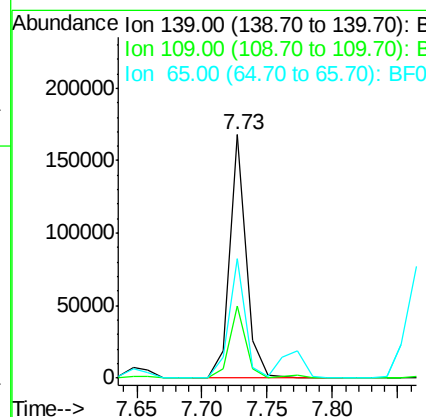
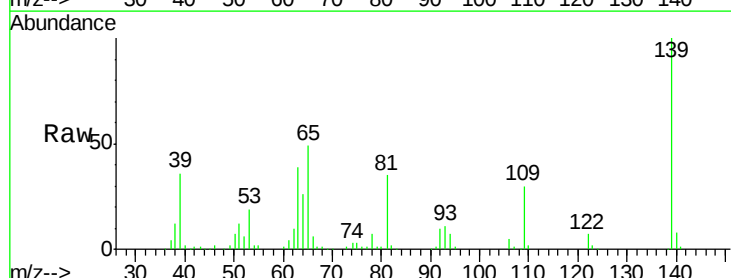
RT: 7.73 min Scan# 476

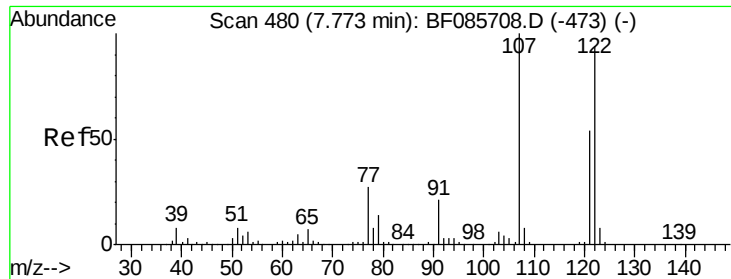
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	139	Resp:	148557
Ion Ratio		Lower	Upper
139	100		
109	29.6	22.1	33.1
65	49.3	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 42.59 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

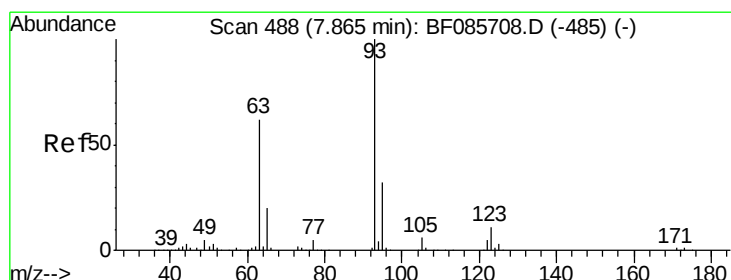
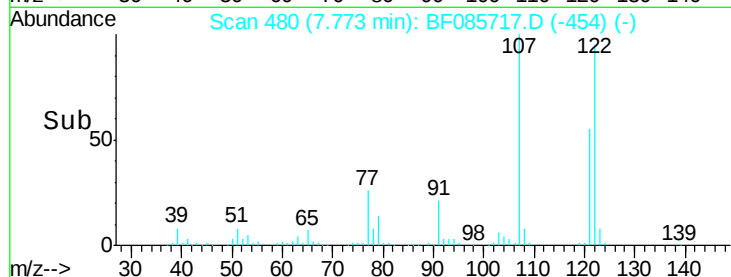
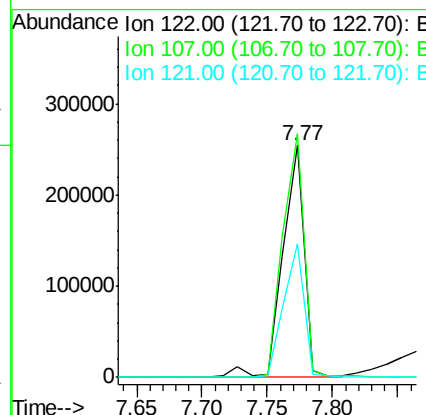
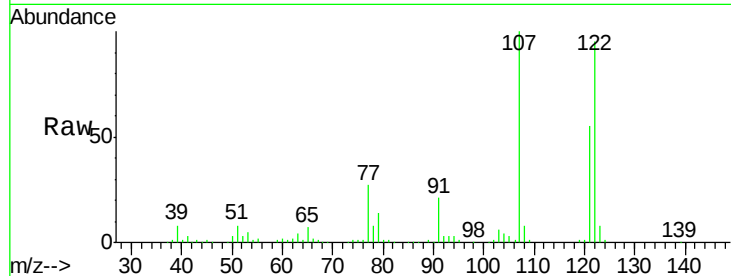
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Tgt Ion:	122	Resp:	284270
Ion Ratio	Lower	Upper	
122	100		
107	105.0	93.0	139.6
121	57.5	45.9	68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.79 ng

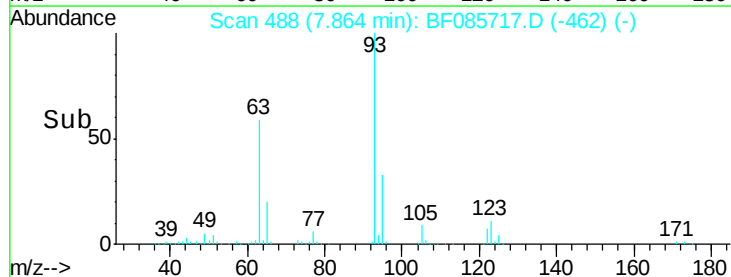
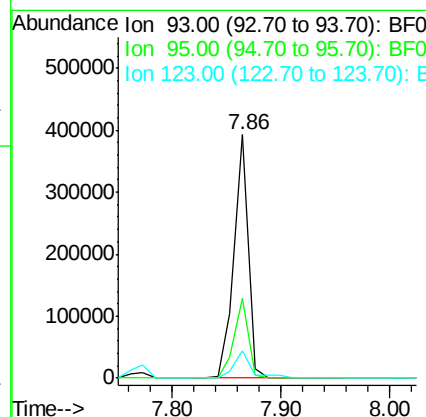
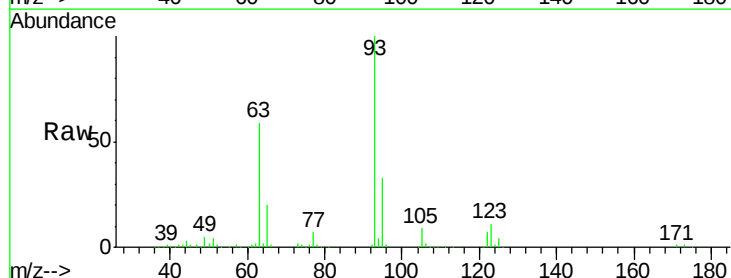
RT: 7.86 min Scan# 488

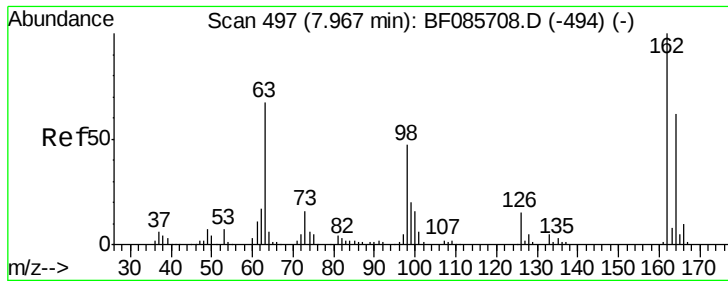
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	93	Resp:	355891
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	11.5	9.8	14.6





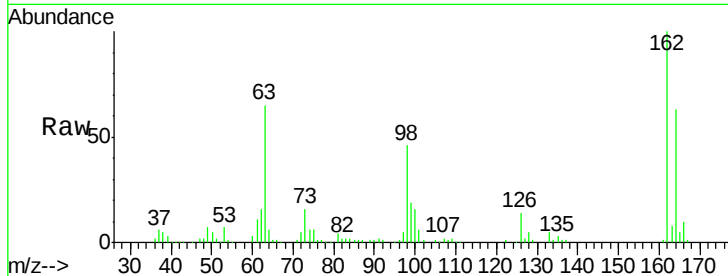
#29
 2,4-Dichlorophenol
 Concen: 39.91 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

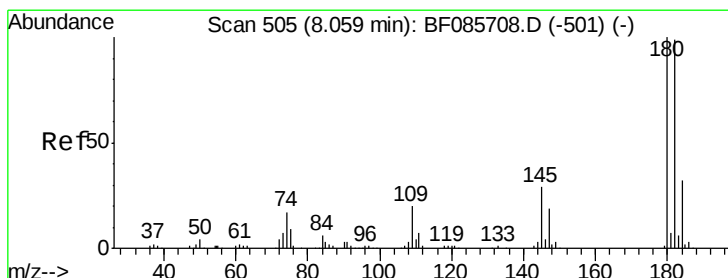
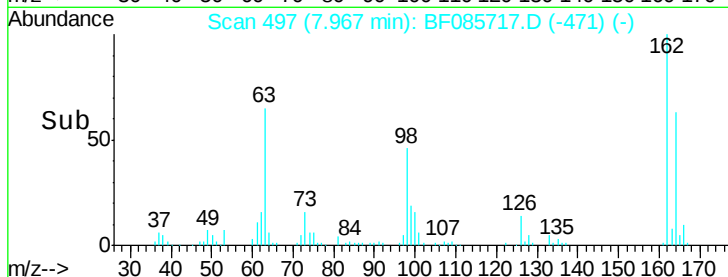
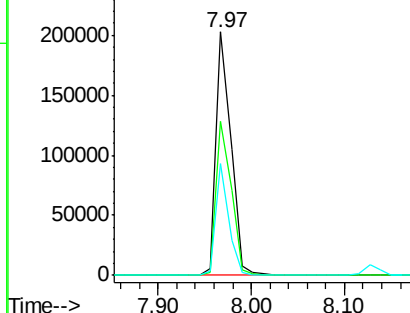
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	223956		
164	63.1	43.7	83.7	
98	46.0	20.4	60.4	

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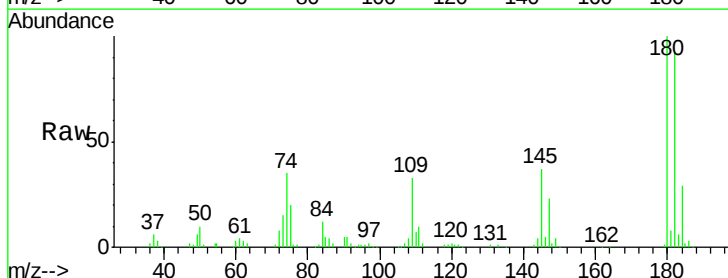


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

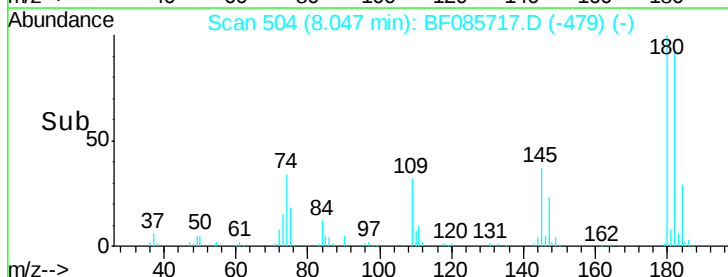
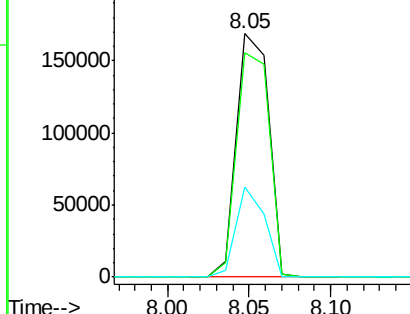


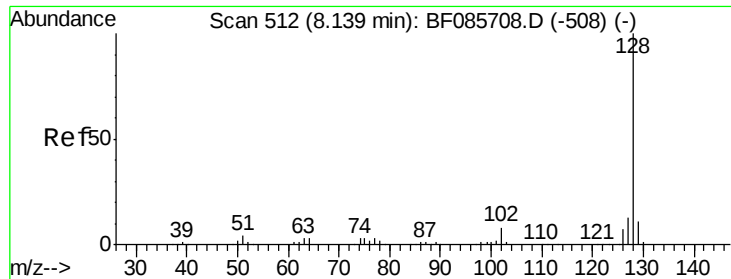
#30
 1,2,4-Trichlorobenzene
 Concen: 37.07 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230940		
182	92.3	73.8	110.8	
145	37.1	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





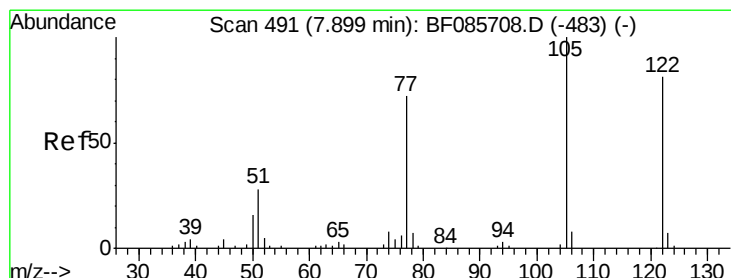
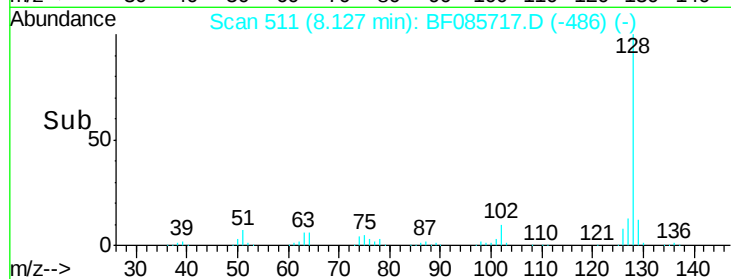
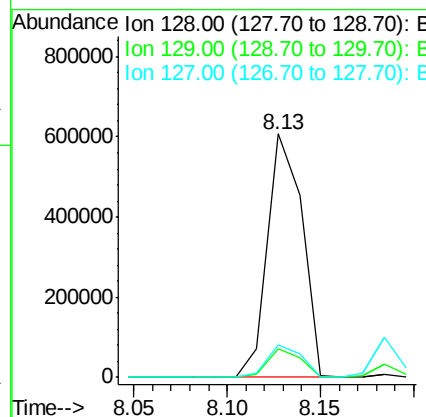
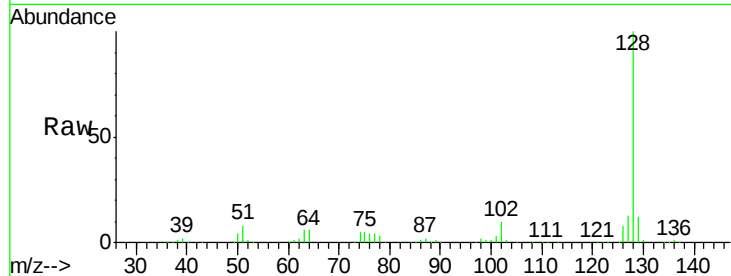
#31
Naphthalene
Concen: 37.14 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.6	9.4	14.0
127	13.3	11.0	16.6

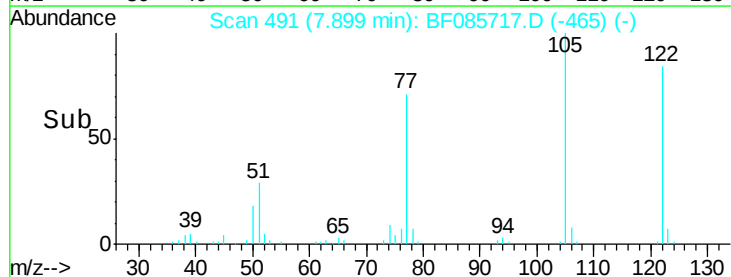
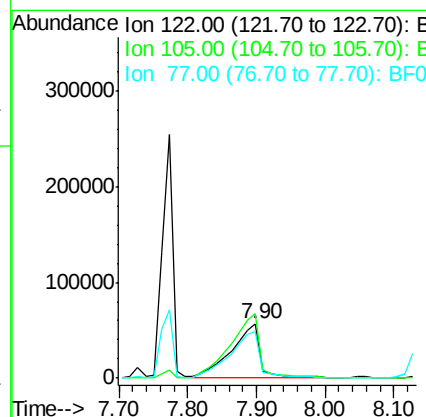
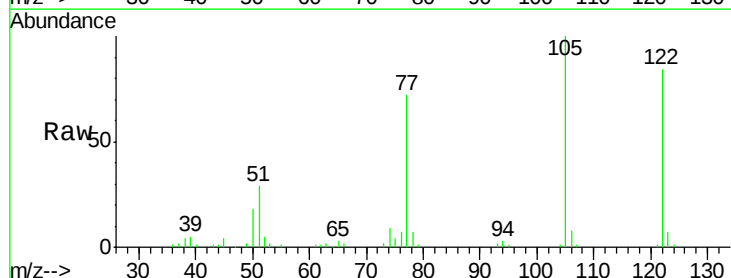
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#32
Benzoic acid
Concen: 37.48 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.5	102.9	142.9
77	85.7	71.8	111.8





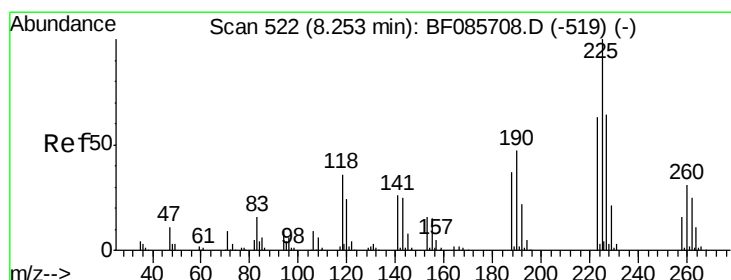
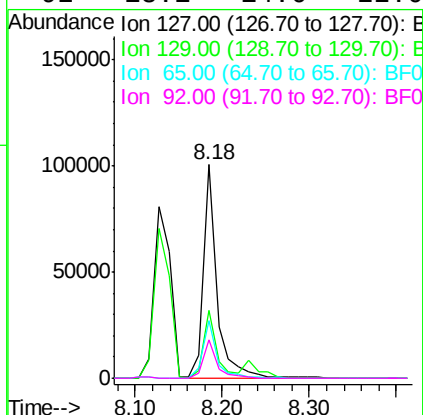
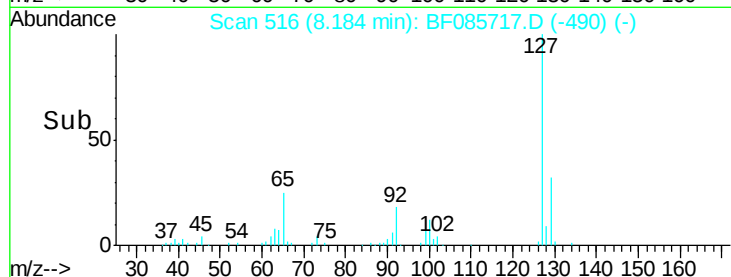
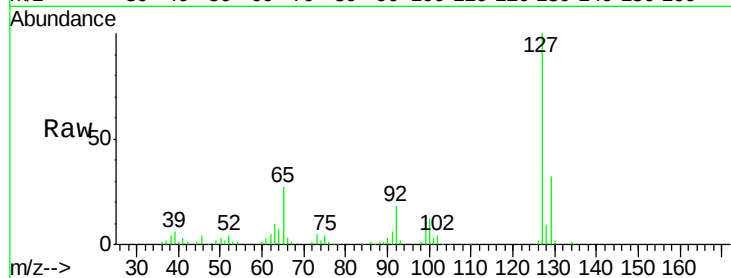
#33
4-Chloroaniline
Concen: 12.65 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	108548		
129	32.0	26.1	39.1	
65	27.1	19.5	29.3	
92	18.1	14.6	22.0	

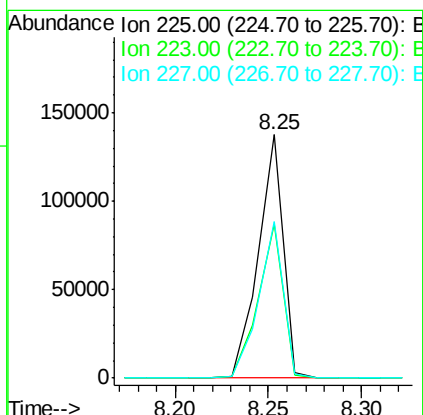
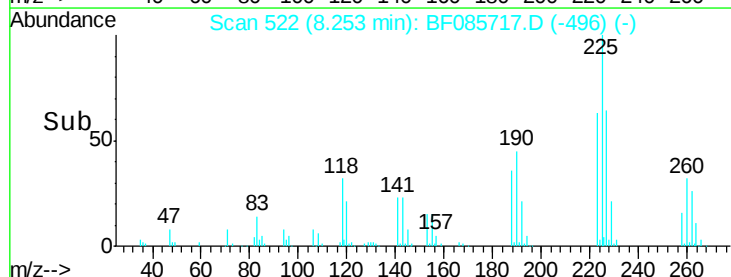
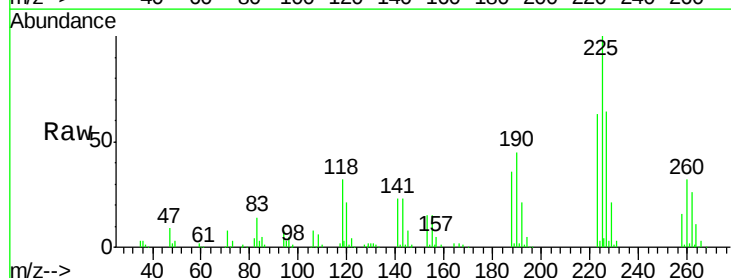
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#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128650		
223	63.4	50.4	75.6	
227	64.3	51.4	77.2	





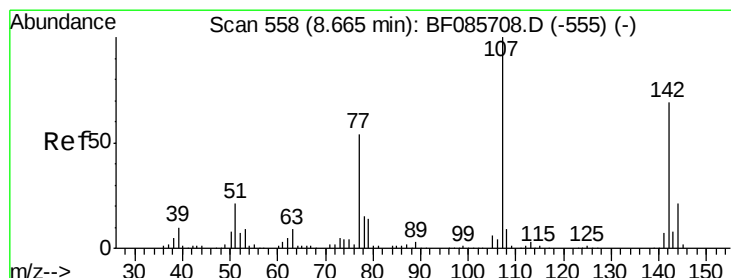
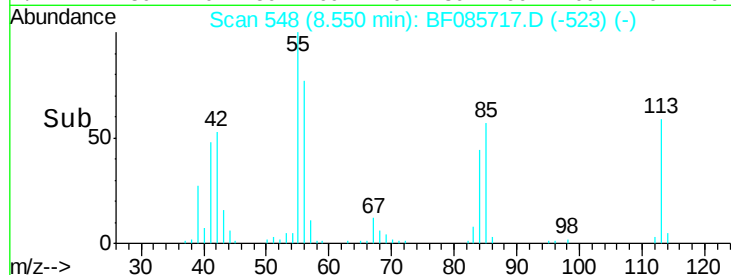
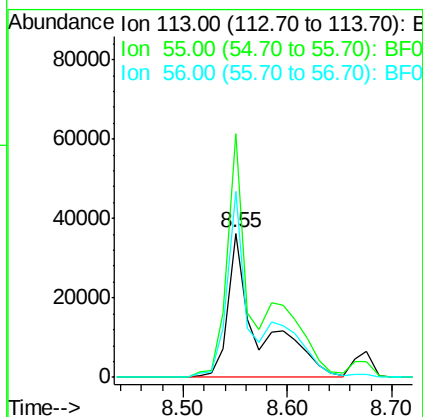
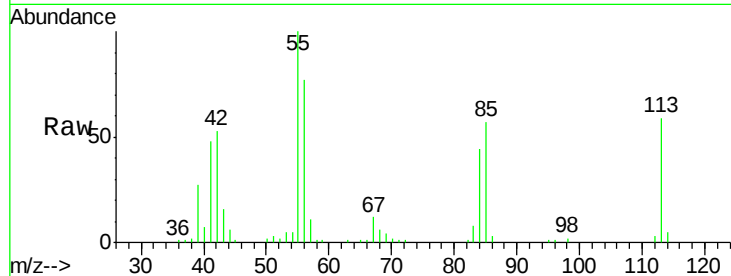
#35
Caprolactam
Concen: 37.87 ng m
RT: 8.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion:113 Resp: 75277
Ion Ratio Lower Upper
113 100
55 169.3 139.4 179.4
56 129.6 100.4 140.4

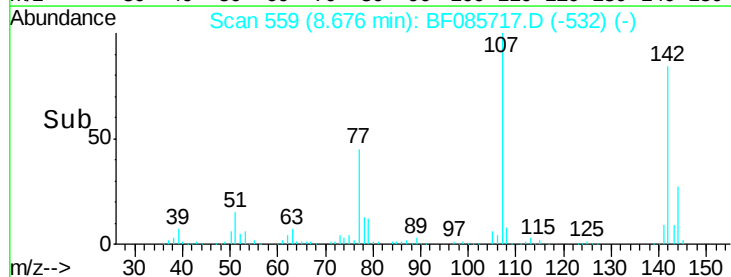
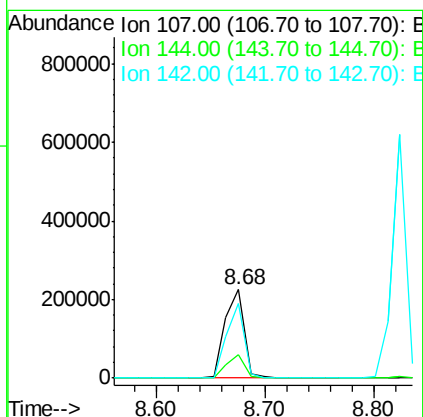
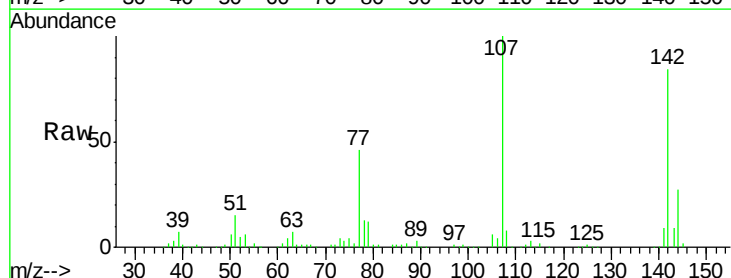
Manual Integrations
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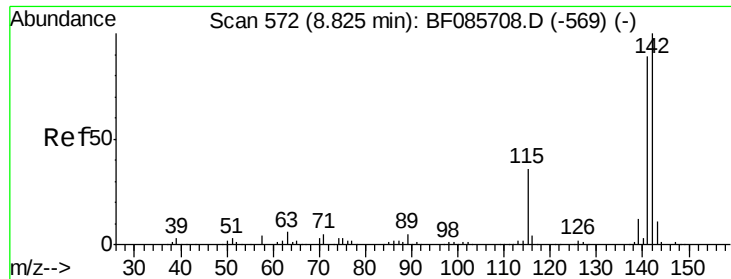
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#36
4-Chloro-3-methylphenol
Concen: 41.95 ng
RT: 8.68 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion:107 Resp: 274949
Ion Ratio Lower Upper
107 100
144 27.2 19.3 28.9
142 84.0 61.4 92.0





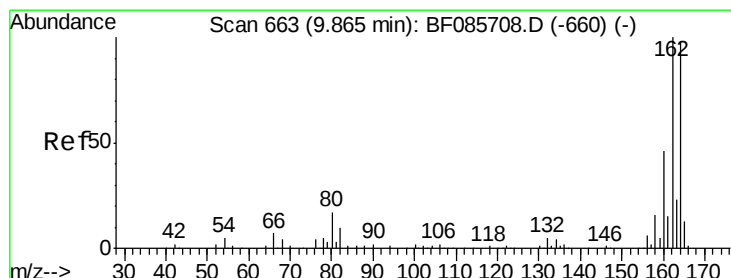
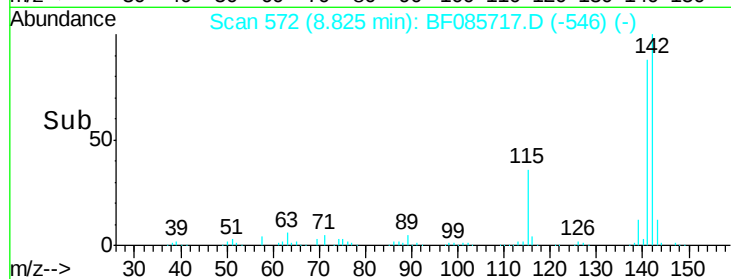
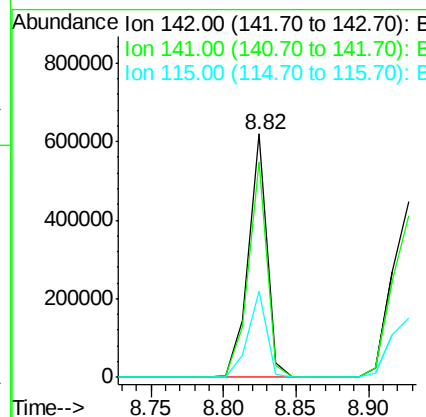
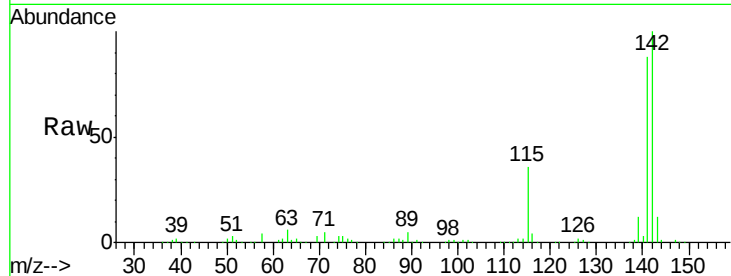
#37
2-Methylnaphthalene
Concen: 45.47 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.4	71.6	107.4
115	35.6	26.8	40.2

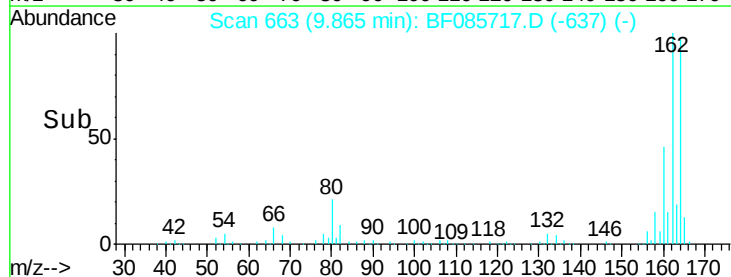
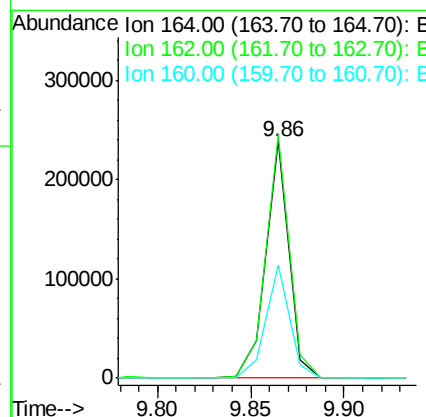
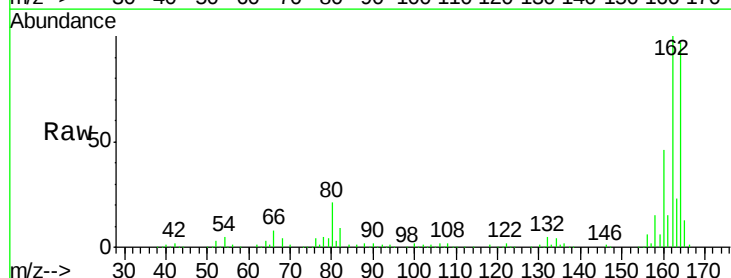
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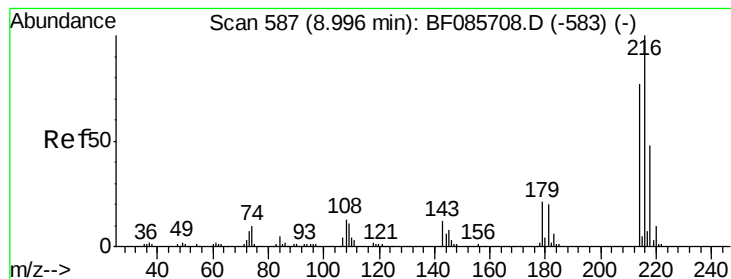
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.8	82.1	123.1
160	47.7	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.64 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085717.D

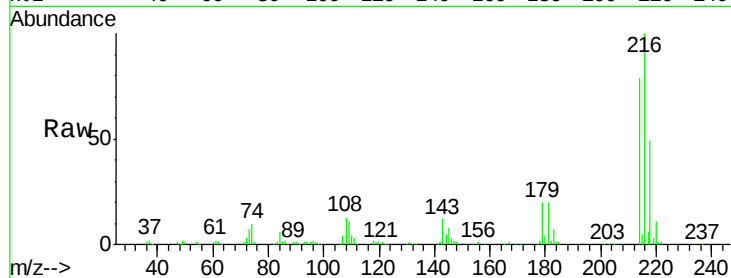
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS



Tgt Ion: 216 Resp: 220401

Ion Ratio Lower Upper

216 100

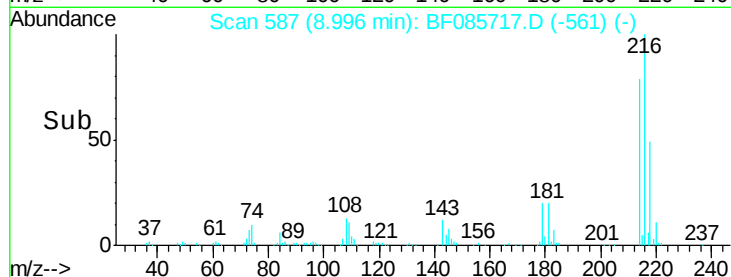
214 79.5 63.1 94.7

179 22.7 18.2 27.2

108 22.2 17.3 25.9

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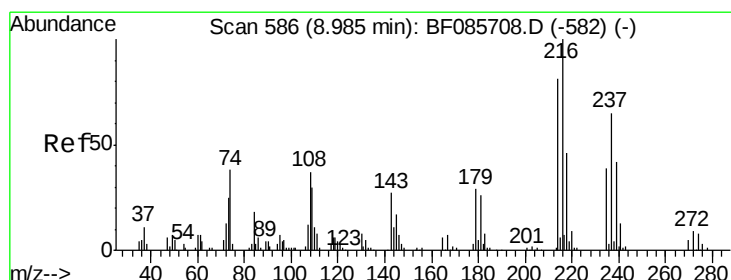
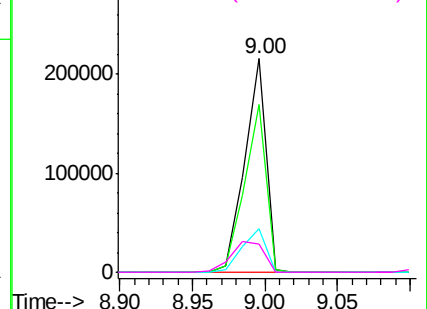


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.69 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

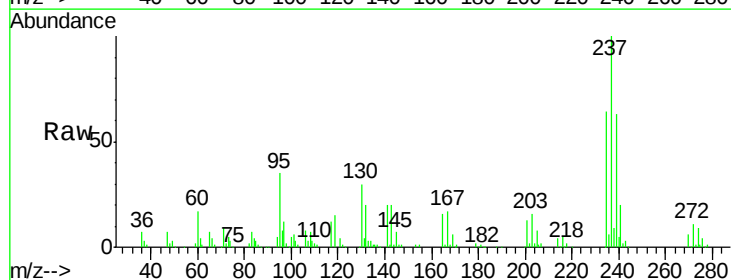
Tgt Ion: 237 Resp: 191176

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

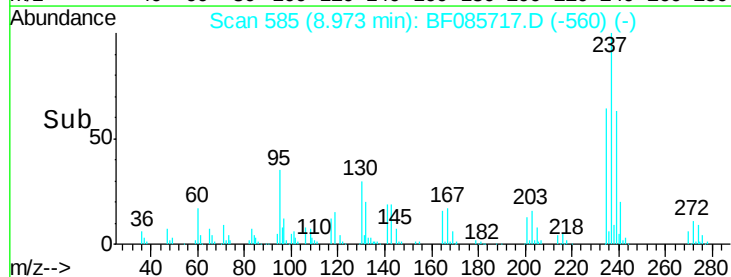
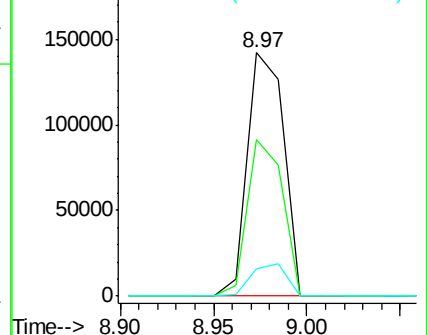
272 11.1 0.0 31.9

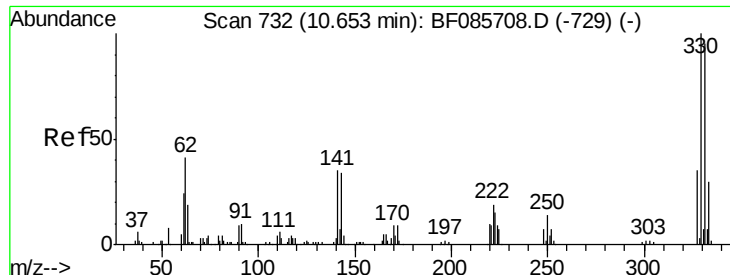


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





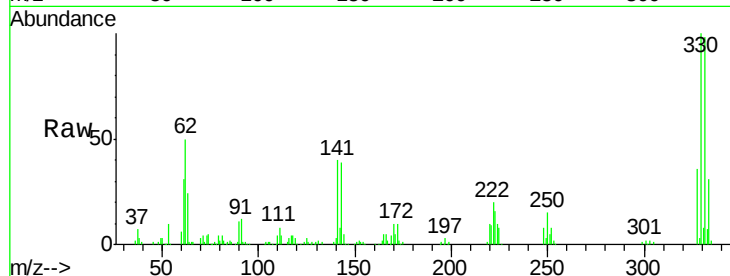
#41
 2,4,6-Tribromophenol
 Concen: 110.52 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	212998		
332	98.0	78.2	117.2	
141	40.3	31.5	47.3	

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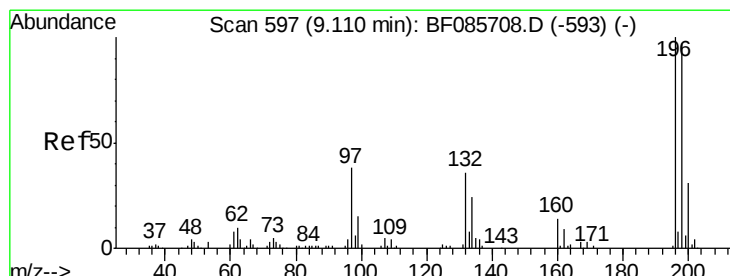
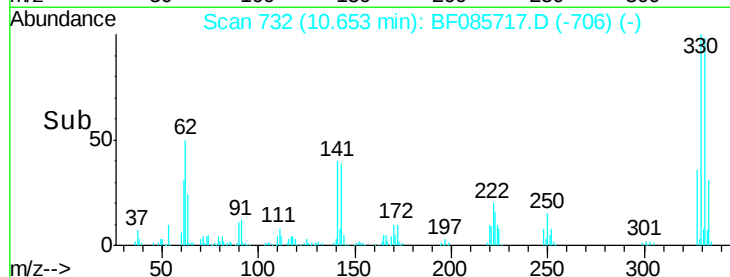
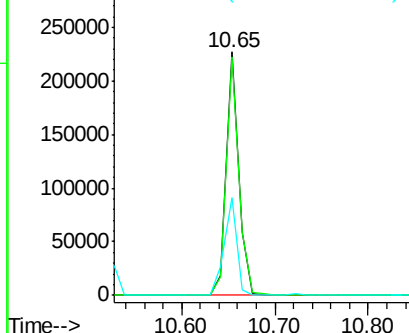


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

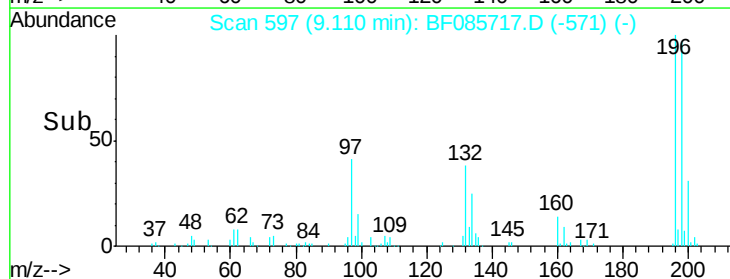
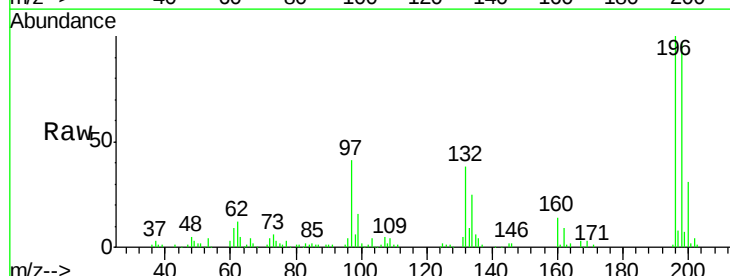
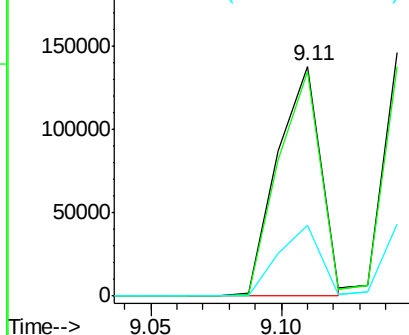
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158160		
198	97.4	75.3	112.9	
200	30.9	23.7	35.5	

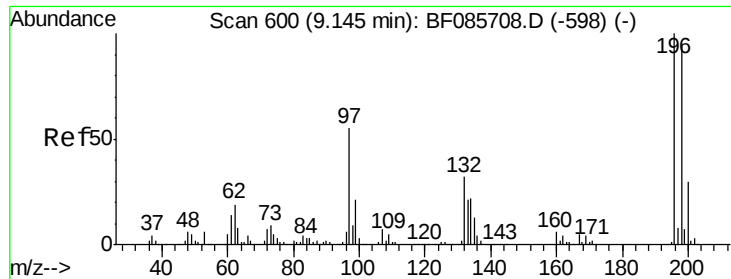
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





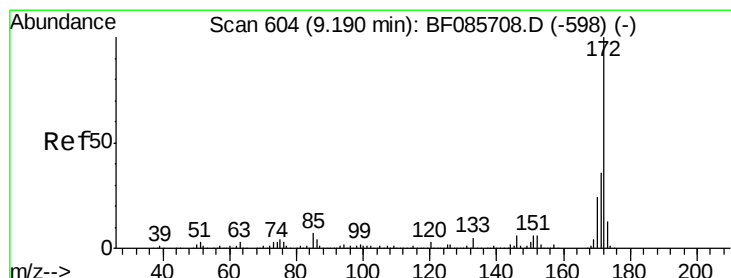
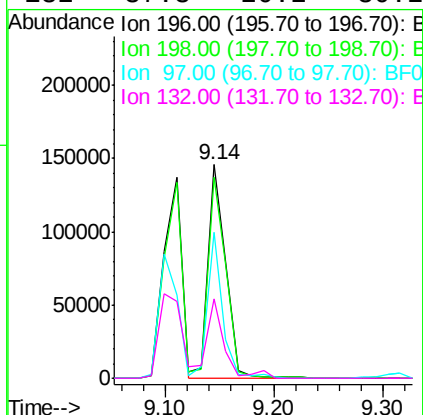
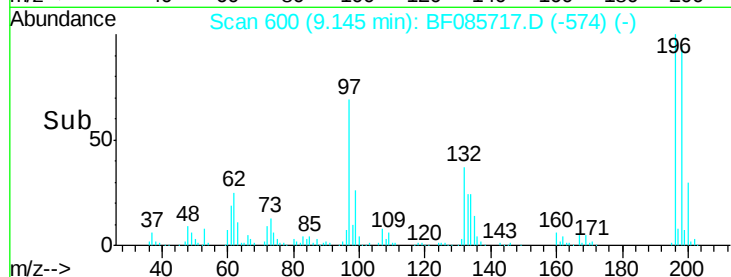
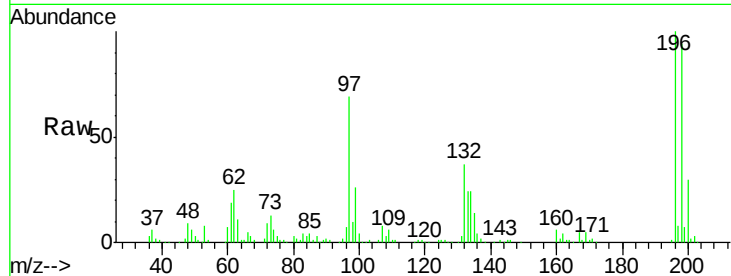
#43
 2,4,5-Trichlorophenol
 Concen: 39.03 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166289		
198	94.2	76.6	114.8	
97	68.5	30.5	45.7#	
132	37.3	20.2	30.2#	

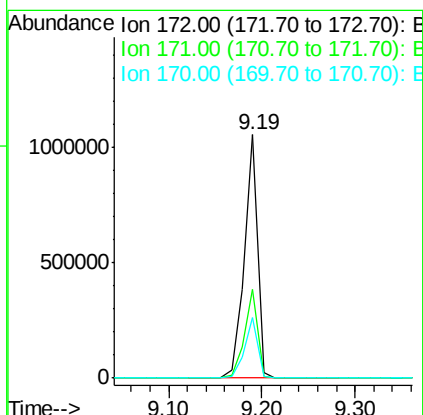
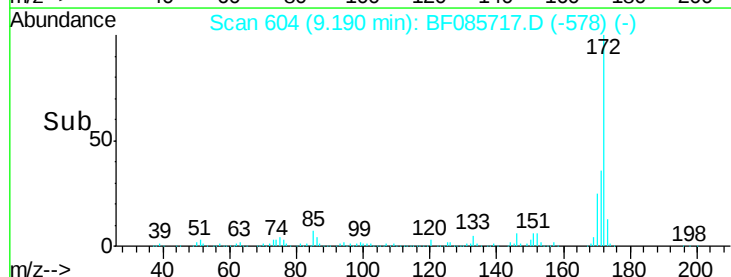
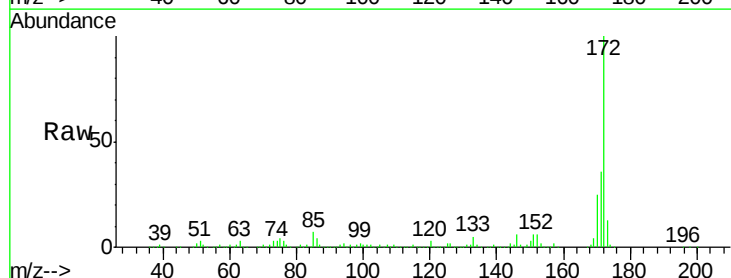
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#44
 2-Fluorobiphenyl
 Concen: 84.45 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1025299		
171	36.4	29.4	44.2	
170	24.7	19.8	29.6	





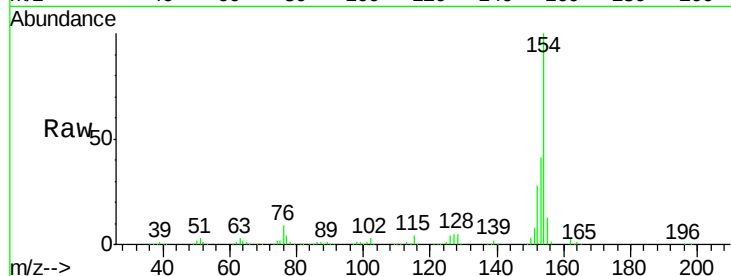
#45
 1,1'-Biphenyl
 Concen: 37.70 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

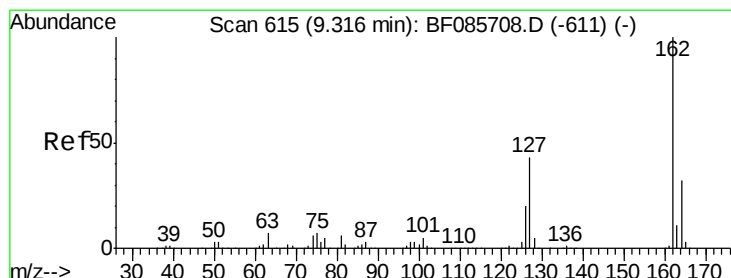
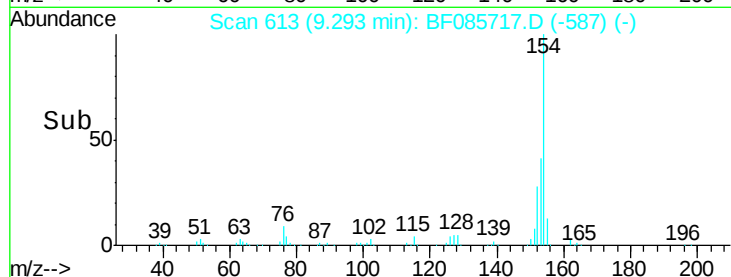
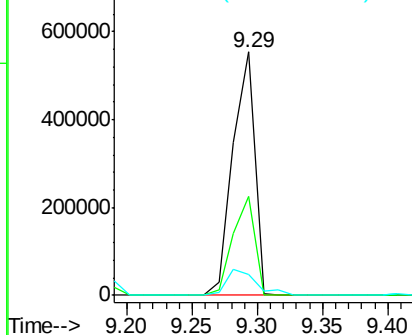
Tgt Ion:	154	Resp:	645352
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.8	60.8
76	8.8	0.0	36.7

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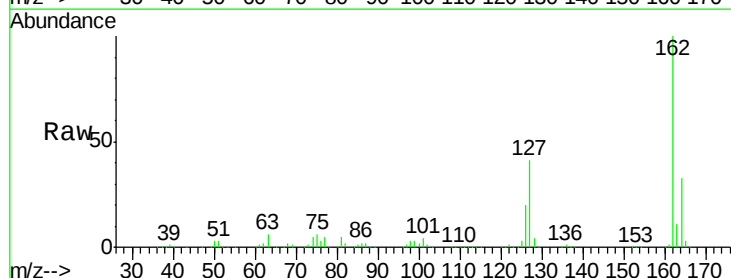


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

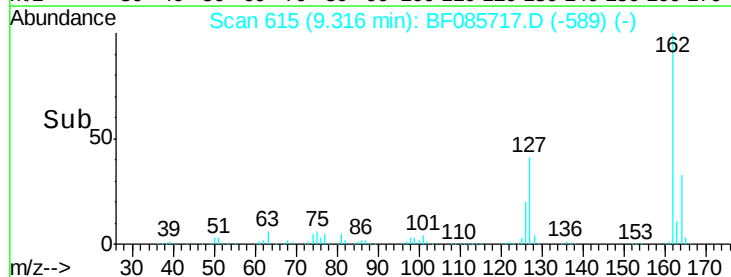
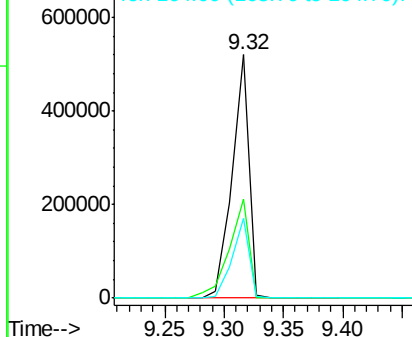


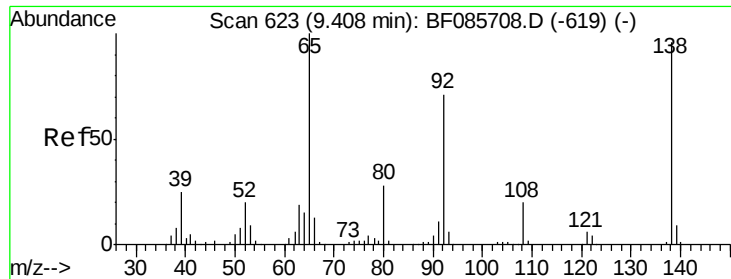
#46
 2-Chloronaphthalene
 Concen: 40.83 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:	162	Resp:	513869
Ion Ratio	Lower	Upper	
162	100		
127	40.9	31.7	47.5
164	32.9	27.3	40.9



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





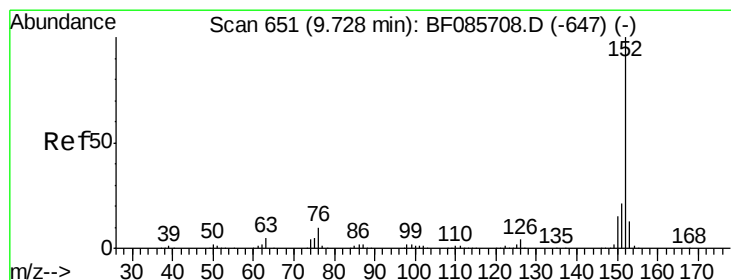
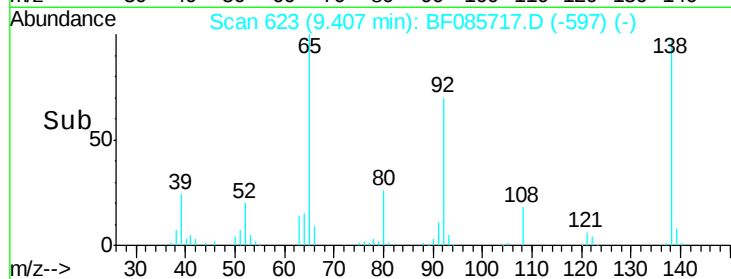
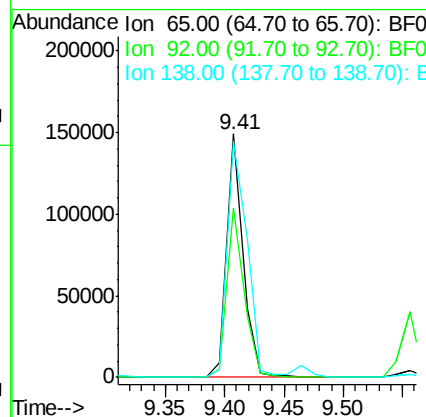
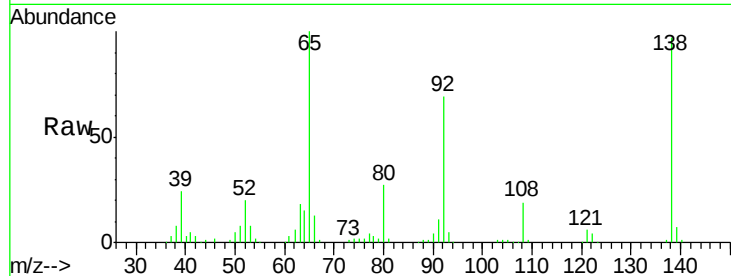
#47
2-Nitroaniline
Concen: 36.71 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	141275		
92	69.3	59.7	89.5	
138	96.9	91.4	137.0	

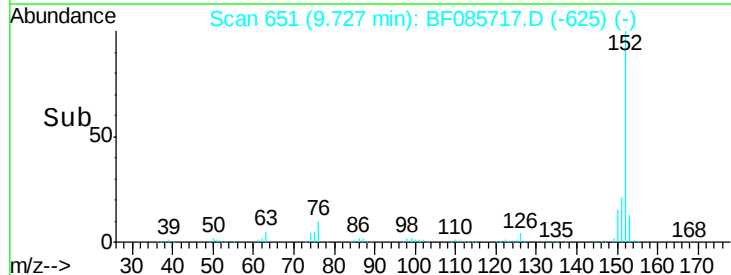
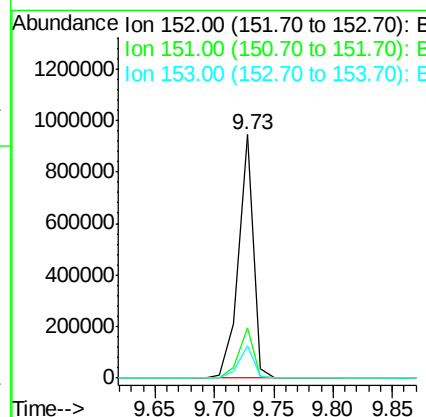
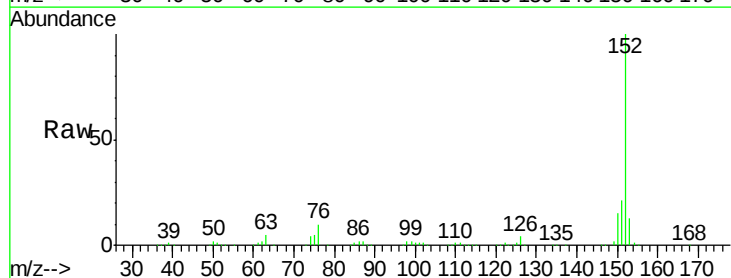
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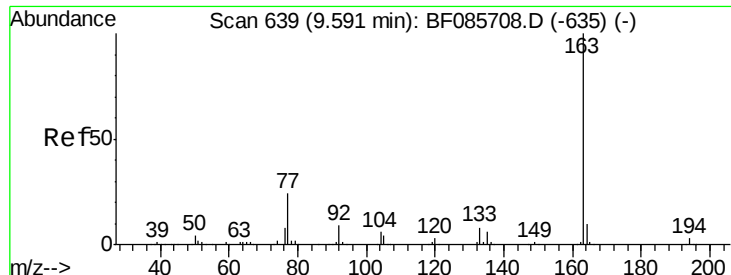
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#48
Acenaphthylene
Concen: 40.31 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	826690		
151	20.6	16.8	25.2	
153	13.2	10.9	16.3	





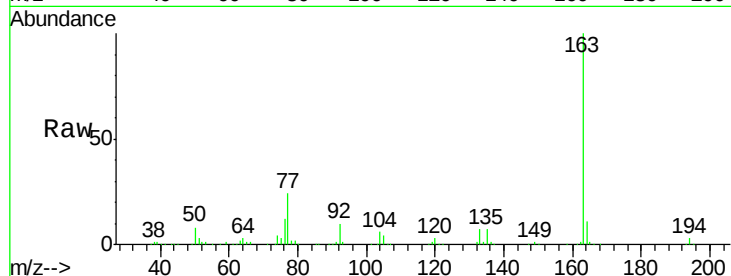
#49
Dimethylphthalate
Concen: 36.91 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

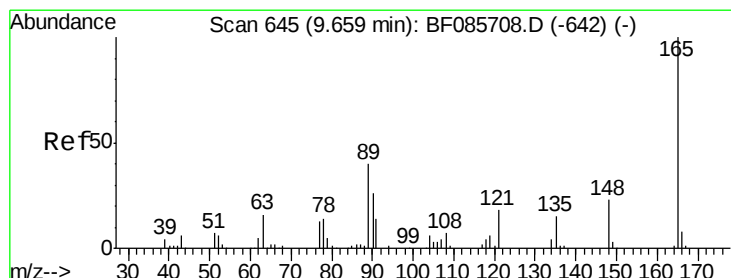
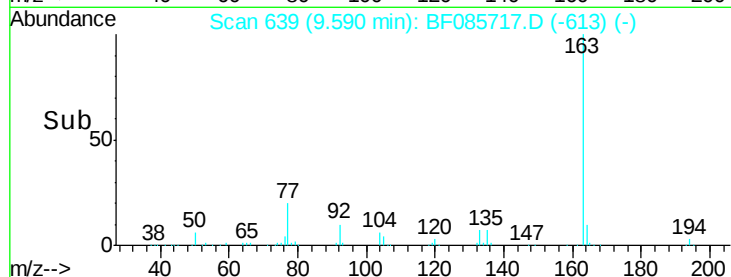
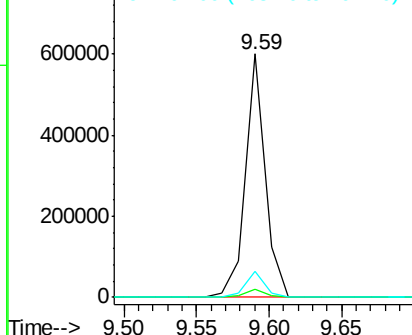
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.6	8.3	12.5

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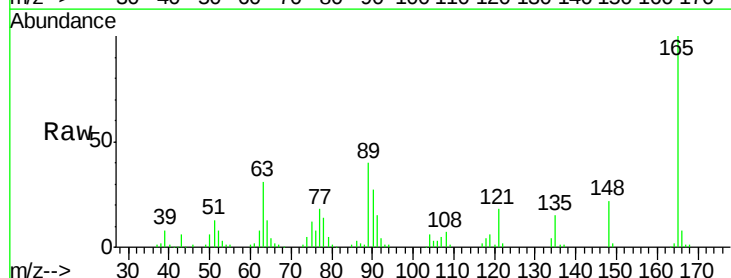


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

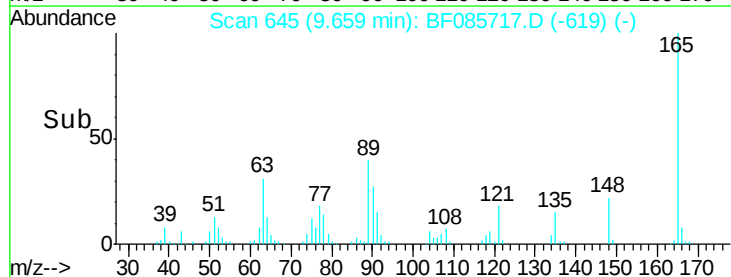
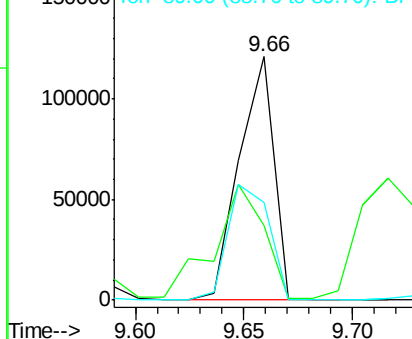


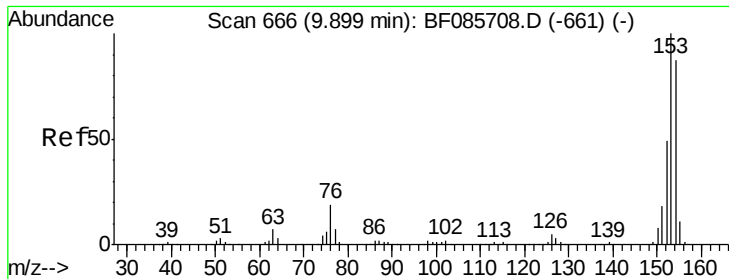
#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	30.6	51.8	77.8#
89	40.4	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: 38.53 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085717.D

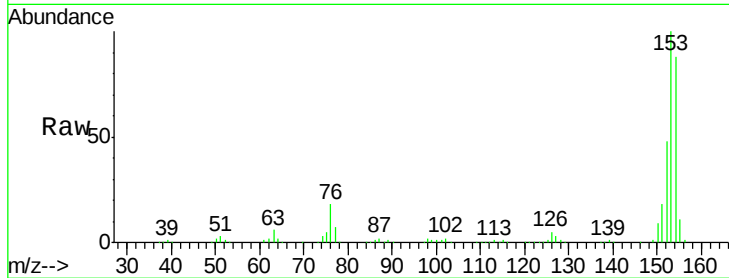
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

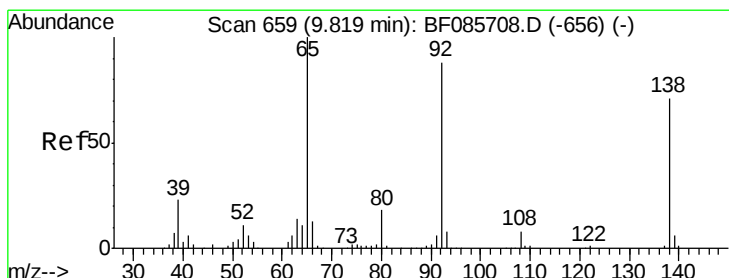
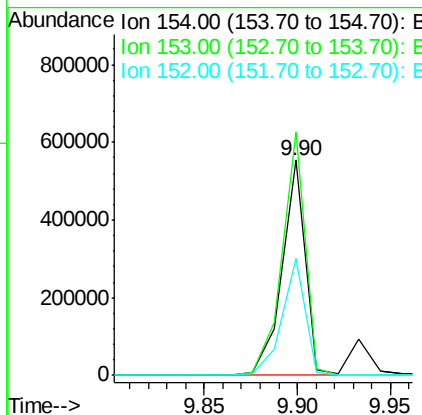
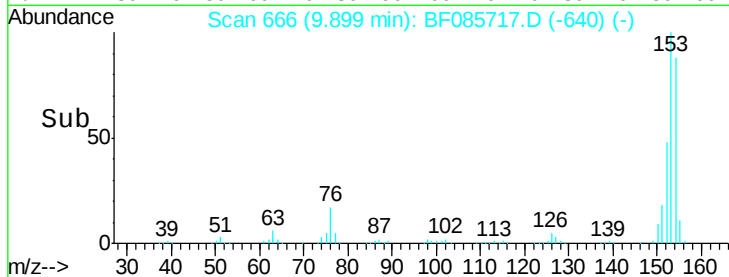
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Tgt Ion:	154	Resp:	482674
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	54.5	44.2	66.2

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#52

3-Nitroaniline

Concen: 21.42 ng

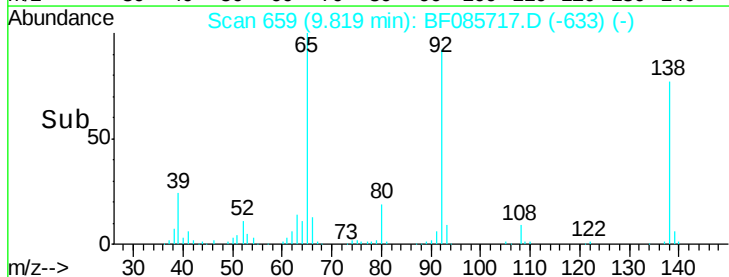
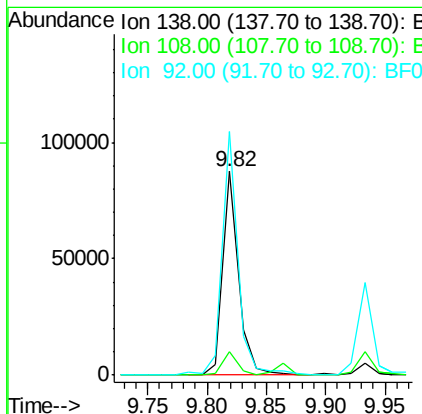
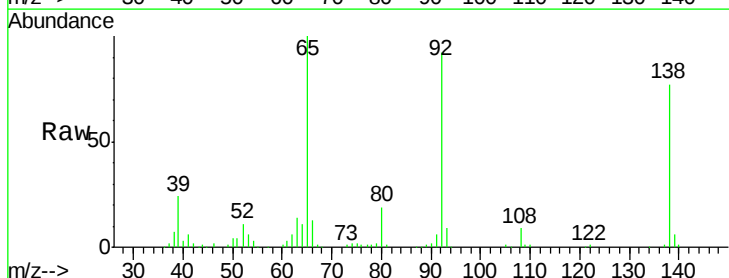
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	138	Resp:	81211
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.7	13.1
92	119.5	93.3	139.9





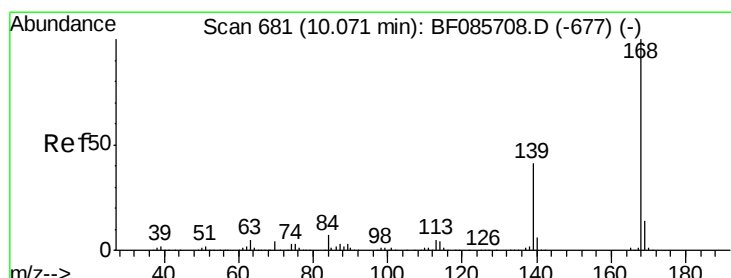
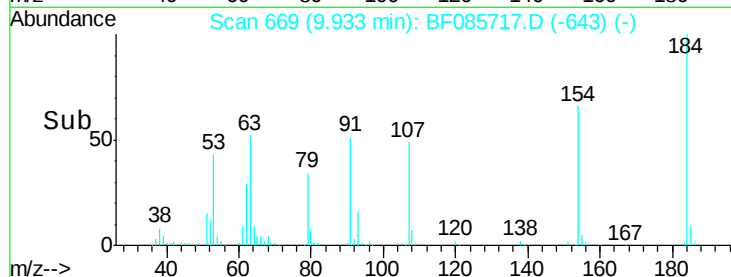
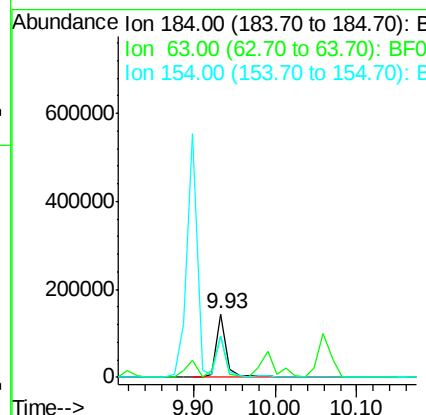
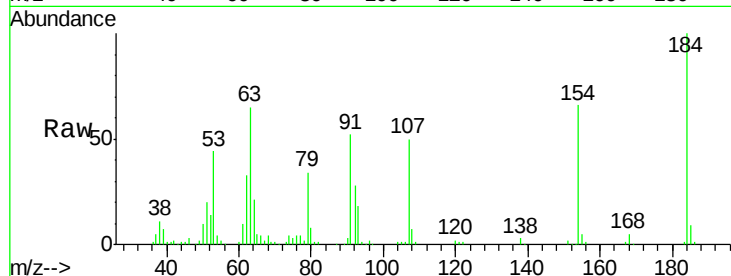
#53
 2,4-Dinitrophenol
 Concen: 77.24 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128895		
63	65.2	69.5	104.3#	
154	65.9	58.3	87.5	

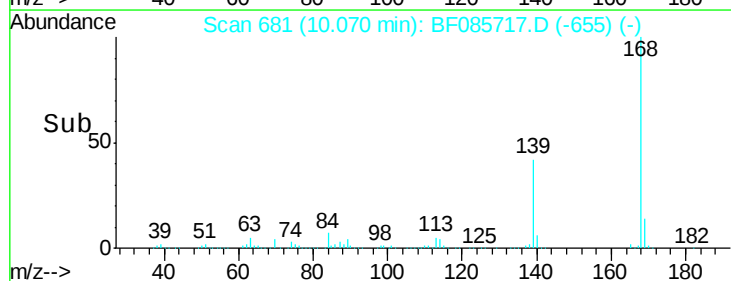
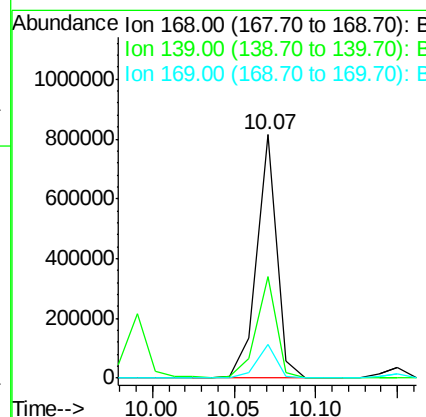
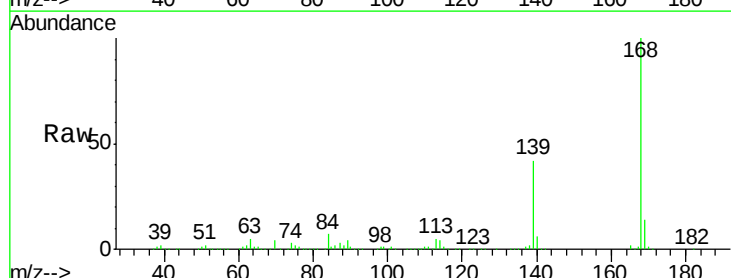
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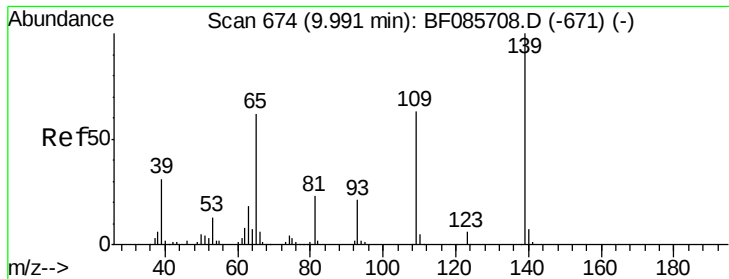
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#54
 Dibenzofuran
 Concen: 42.80 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	693969		
139	41.6	31.9	47.9	
169	13.7	11.0	16.6	





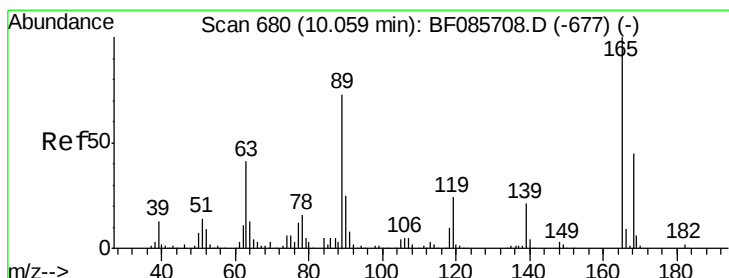
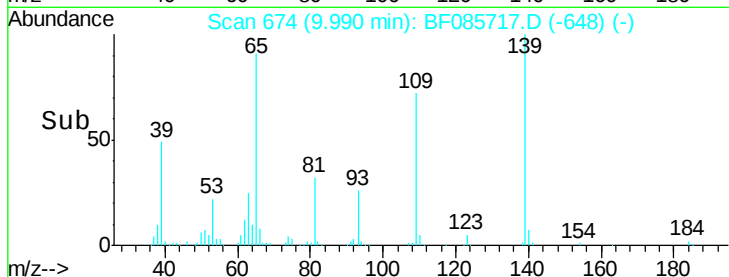
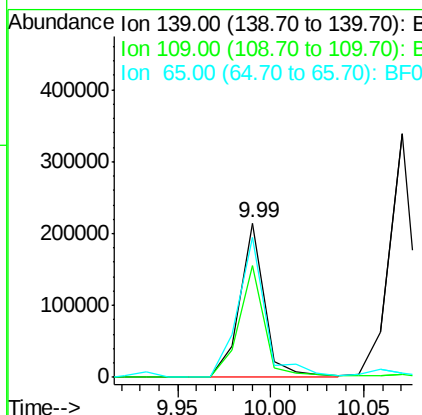
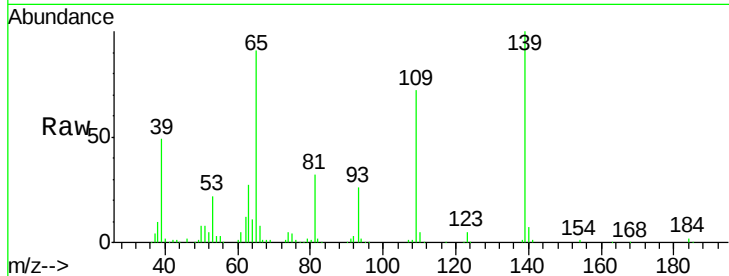
#55
4-Nitrophenol
Concen: 81.85 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	202181		
109	72.5	49.2	89.2	
65	91.1	66.9	106.9	

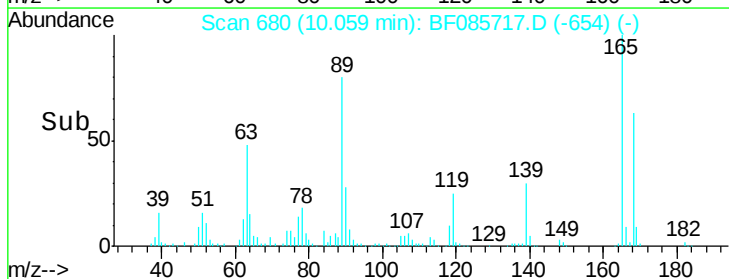
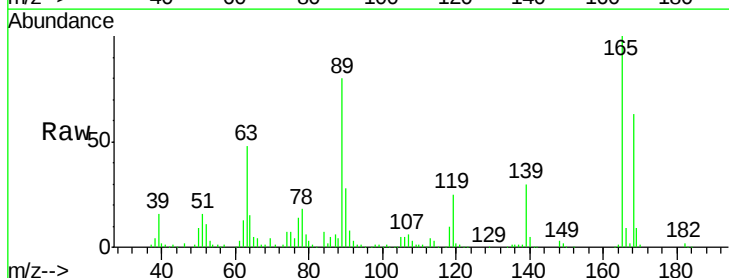
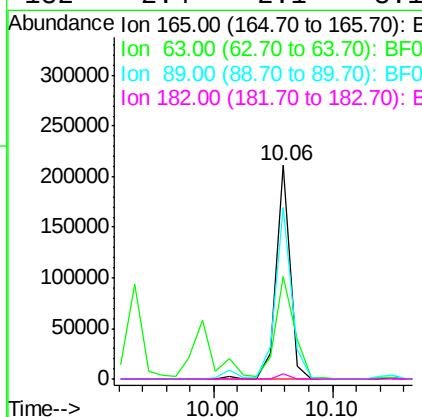
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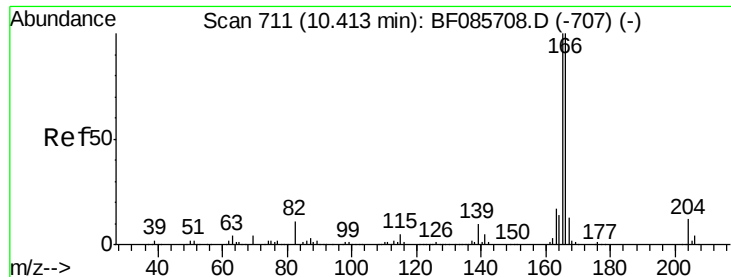
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#56
2,4-Dinitrotoluene
Concen: 41.22 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173562		
63	47.7	24.9	37.3#	
89	80.2	41.0	61.6#	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 41.85 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085717.D

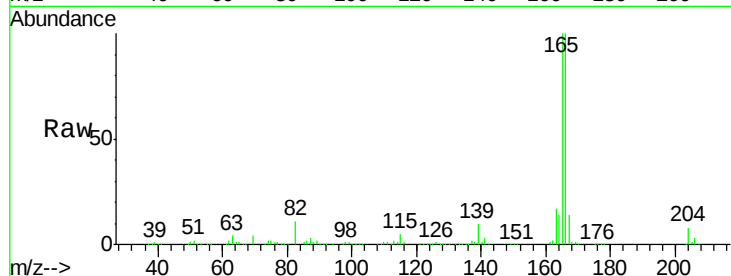
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

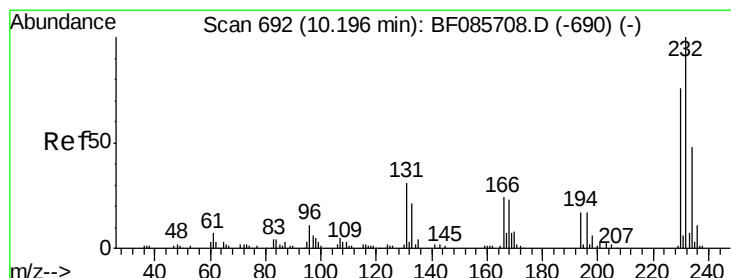
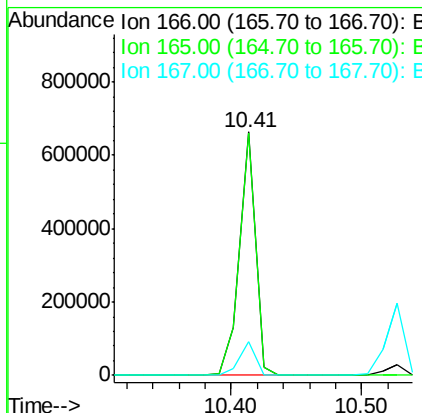
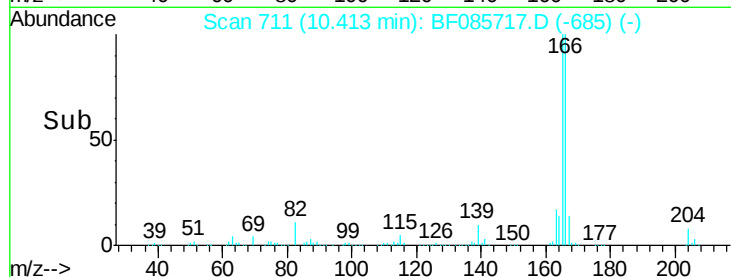
PB88875BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.4	119.0	
167	13.7	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

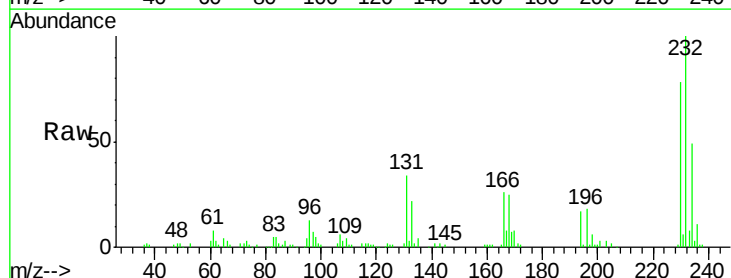
Concen: 43.35 ng

RT: 10.20 min Scan# 692

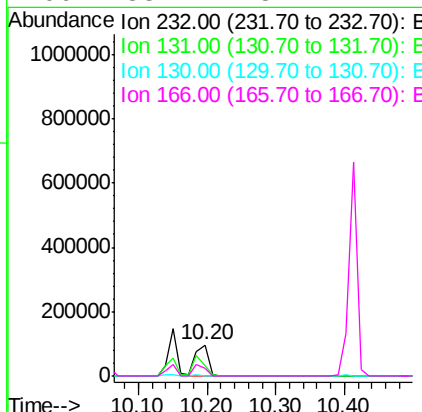
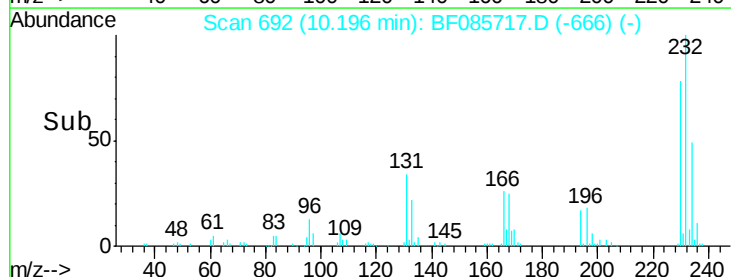
Delta R.T. -0.00 min

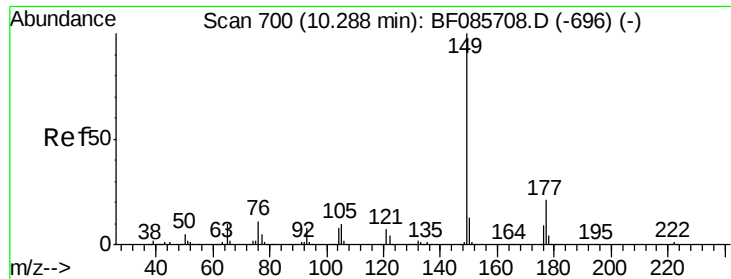
Lab File: BF085717.D

Acq: 24 Mar 2016 16:28



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.9	44.9	67.3	
130	2.6	2.3	3.5	
166	33.1	28.1	42.1	





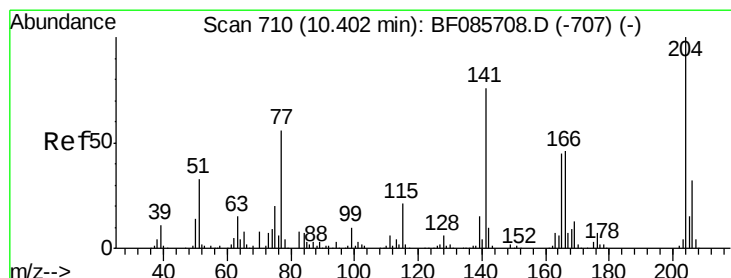
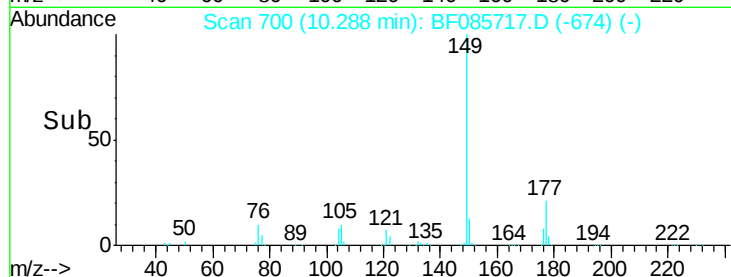
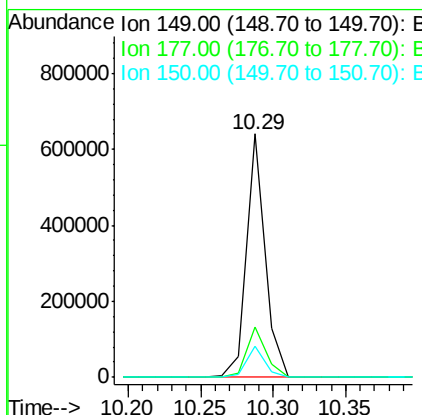
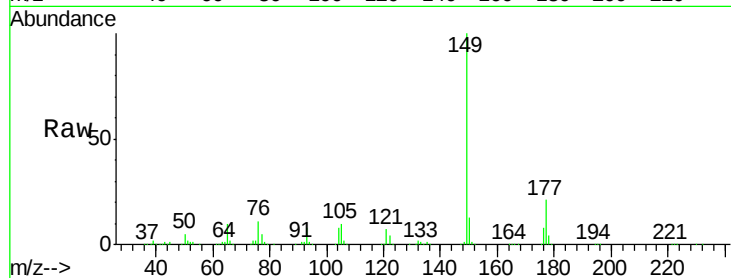
#59
Diethylphthalate
Concen: 37.45 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	569334		
177	20.7	17.9	26.9	
150	13.0	10.2	15.2	

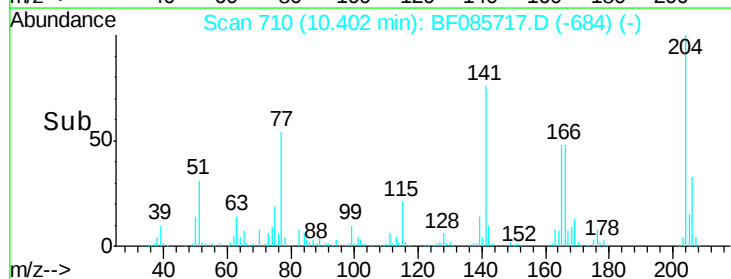
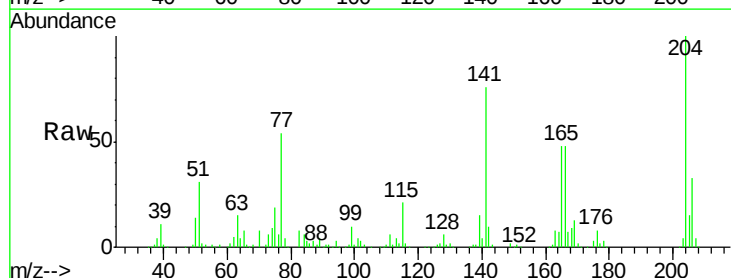
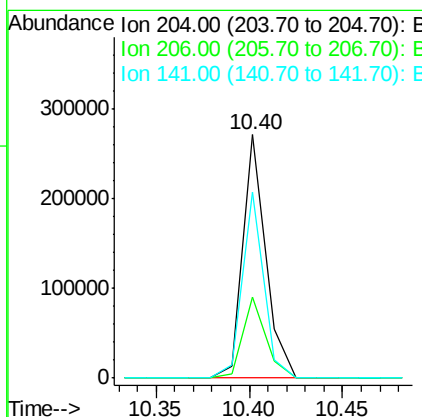
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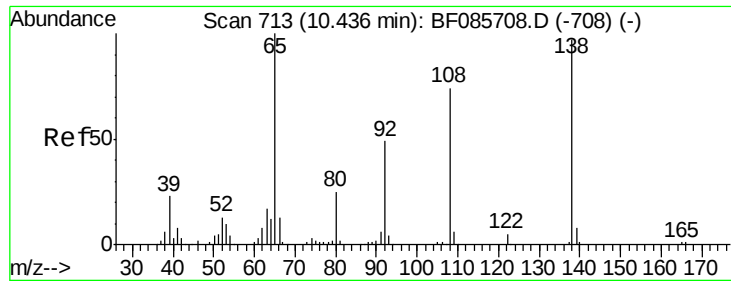
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#60
4-Chlorophenyl-phenylether
Concen: 35.40 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	233259		
206	33.2	26.6	39.8	
141	76.3	57.4	86.0	





#61

4-Nitroaniline

Concen: 38.40 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085717.D

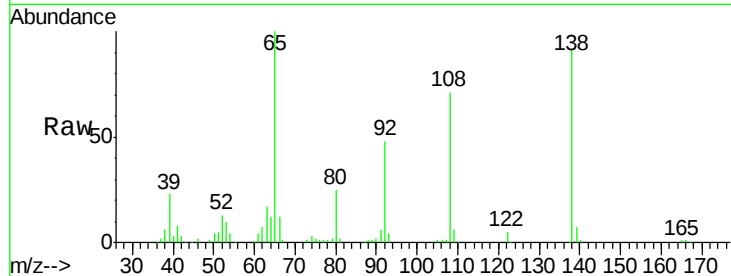
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

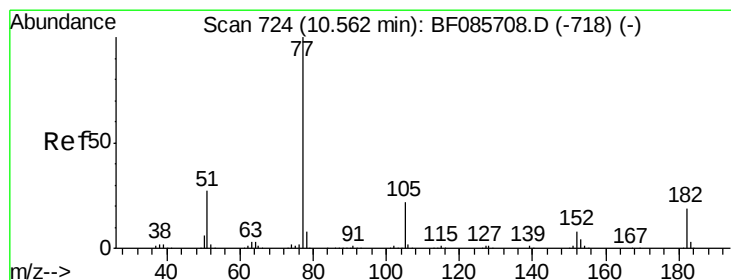
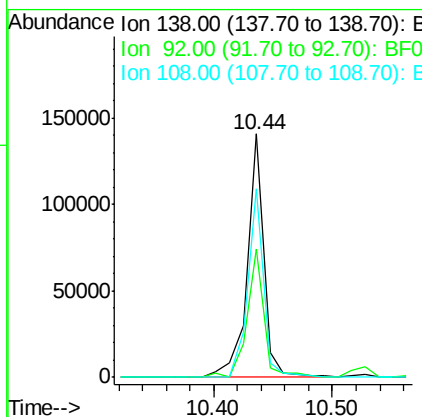
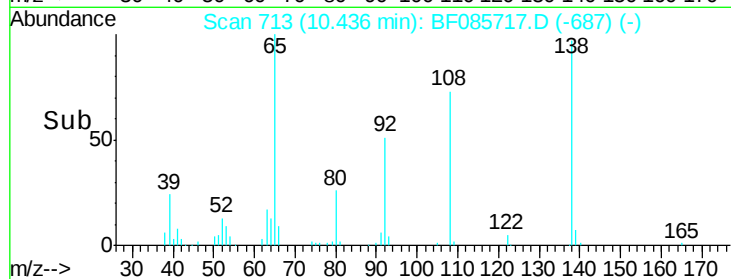
PB88875BS



Tgt Ion:	138	Resp:	139252
Ion Ratio	Lower	Upper	
138	100		
92	52.6	26.4	66.4
108	77.4	49.0	89.0

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#62

Azobenzene

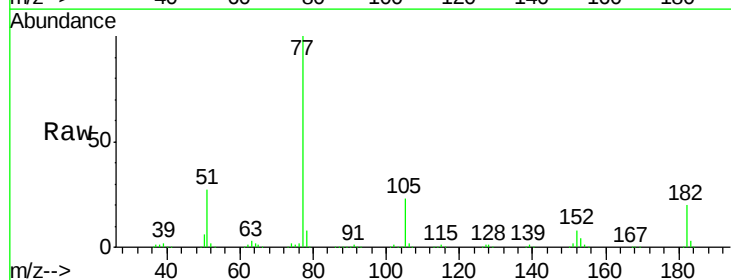
Concen: 42.46 ng

RT: 10.56 min Scan# 724

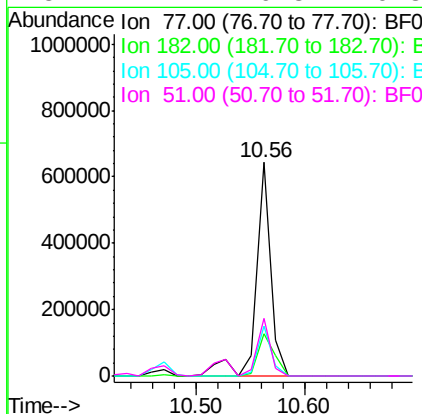
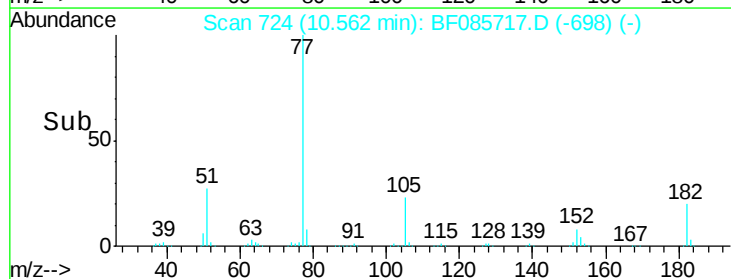
Delta R.T. -0.00 min

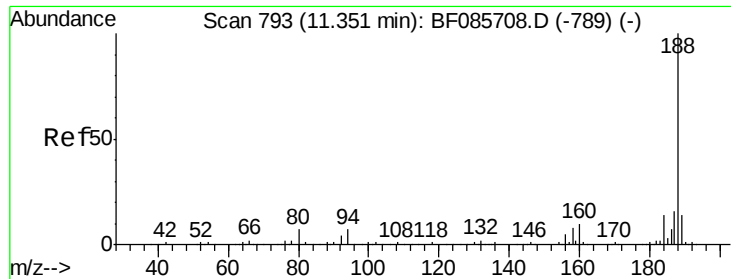
Lab File: BF085717.D

Acq: 24 Mar 2016 16:28



Tgt Ion:	77	Resp:	620428
Ion Ratio	Lower	Upper	
77	100		
182	19.8	1.9	41.9
105	23.2	3.5	43.5
51	27.1	6.3	46.3





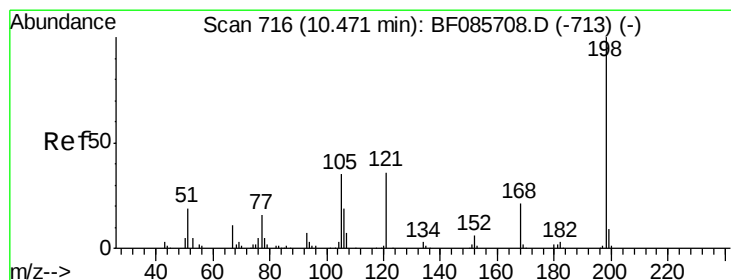
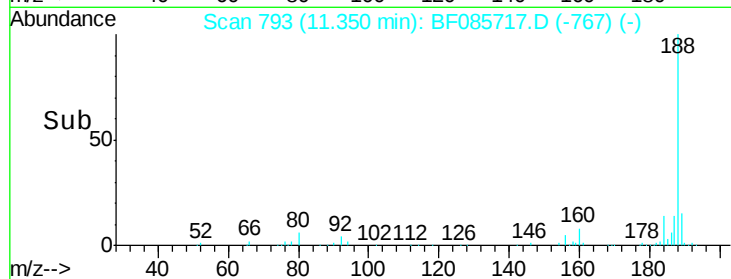
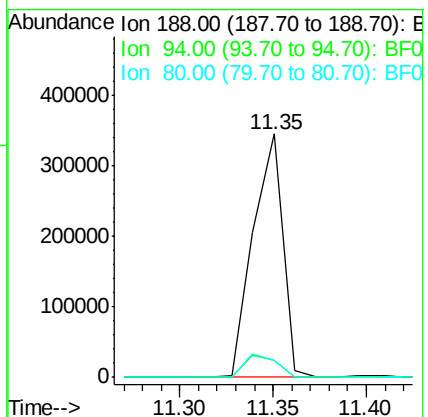
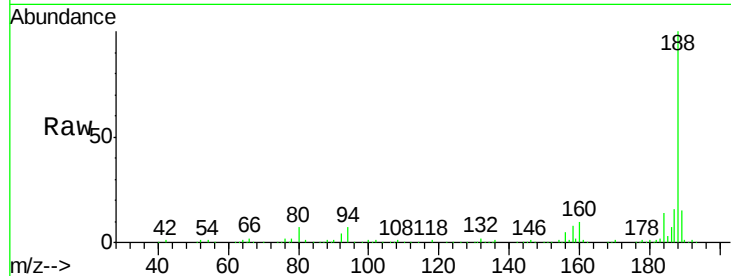
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	5.4	8.0
80	6.9	5.5	8.3

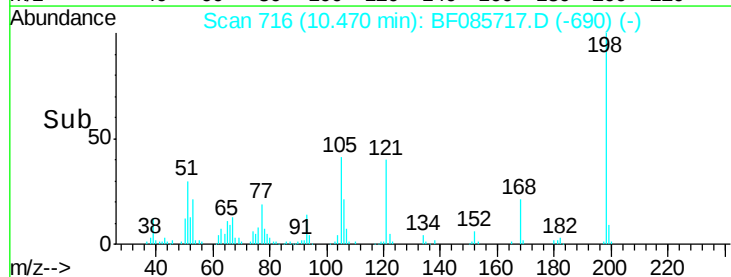
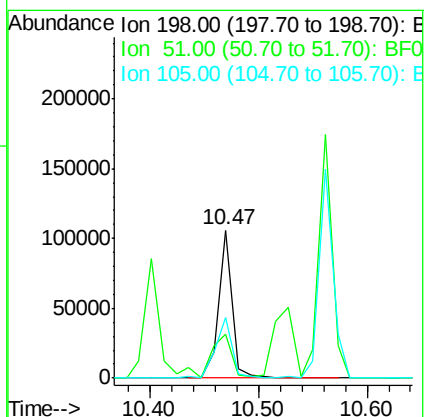
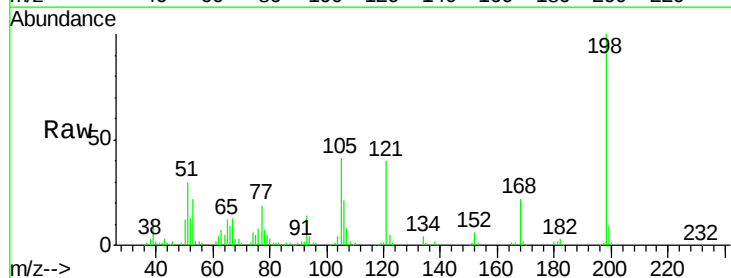
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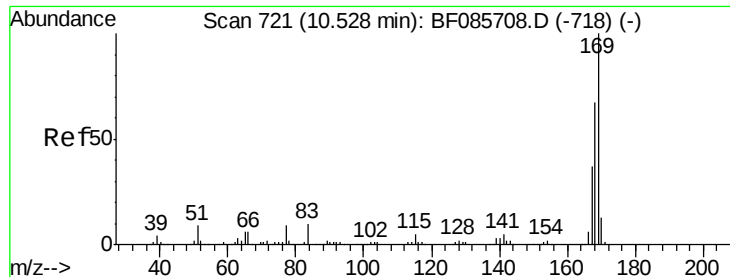
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.93 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.8	45.4	85.4#
105	41.4	45.9	85.9#





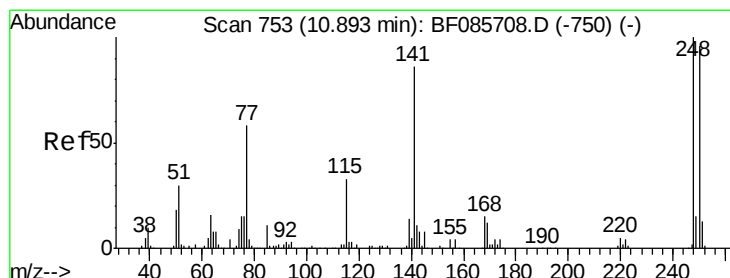
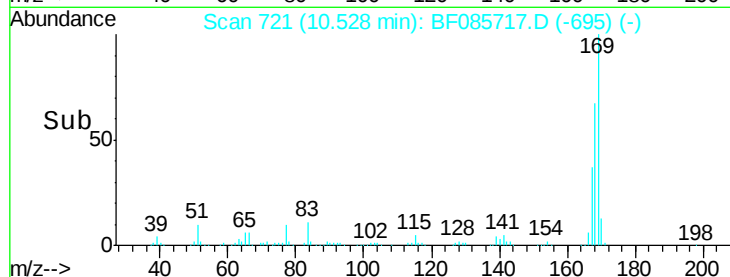
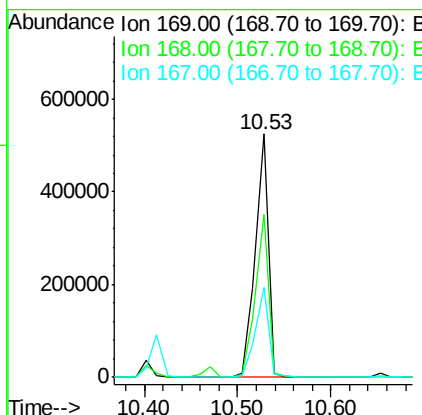
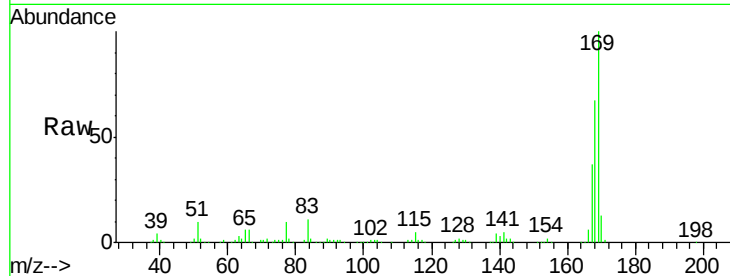
#65
 n-Nitrosodiphenylamine
 Concen: 41.36 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.9	54.4	81.6
167	37.2	29.4	44.0

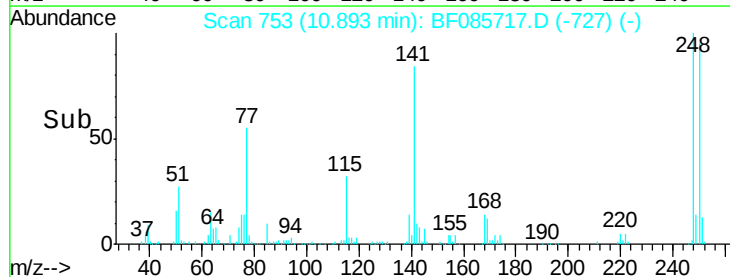
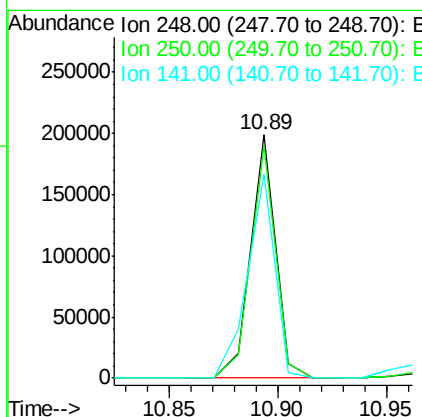
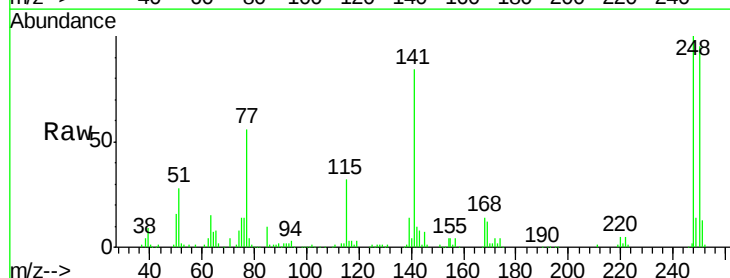
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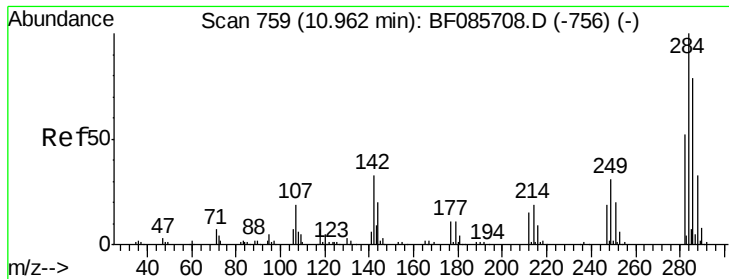
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#66
 4-Bromophenyl-phenylether
 Concen: 40.28 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.5	77.4	116.0
141	83.9	63.6	95.4





#67

Hexachlorobenzene

Concen: 41.64 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085717.D

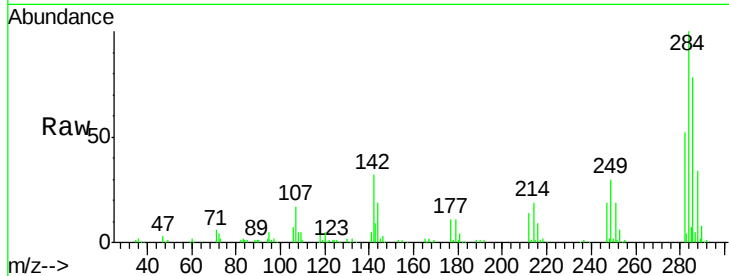
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

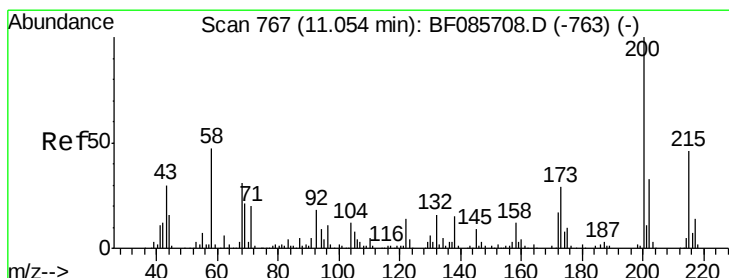
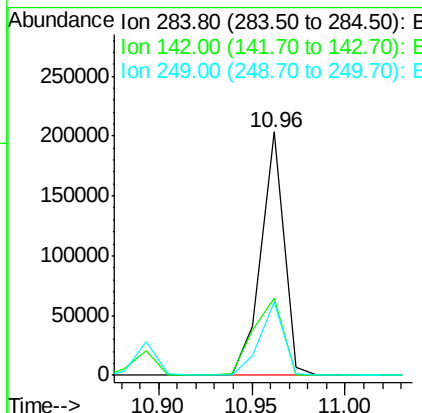
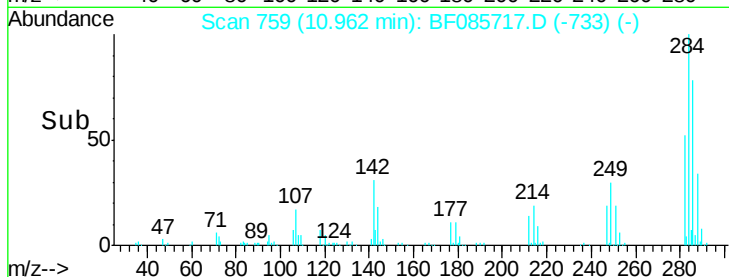
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Tgt Ion:	284	Resp:	172421
Ion Ratio	Lower	Upper	
284	100		
142	31.7	23.1	34.7
249	30.3	24.2	36.2

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#68

Atrazine

Concen: 38.06 ng

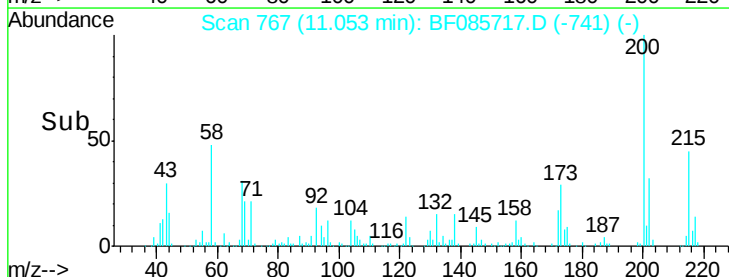
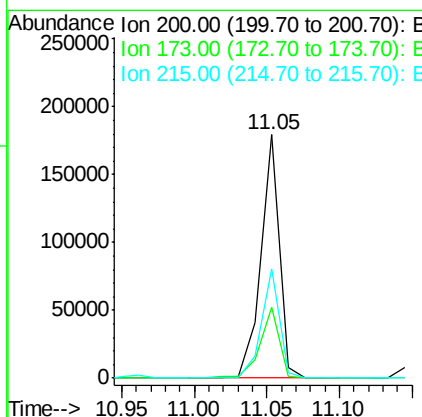
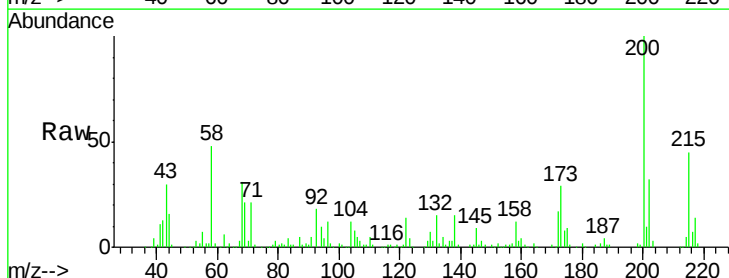
RT: 11.05 min Scan# 767

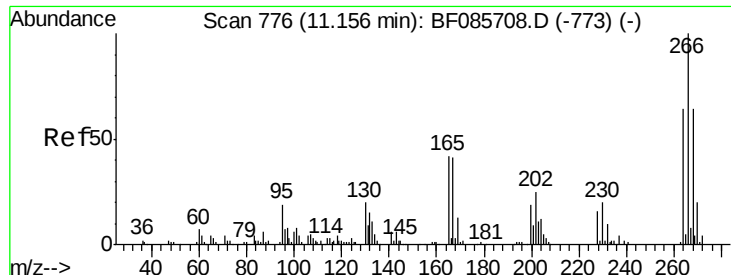
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	200	Resp:	157492
Ion Ratio	Lower	Upper	
200	100		
173	29.3	7.7	47.7
215	44.8	25.4	65.4





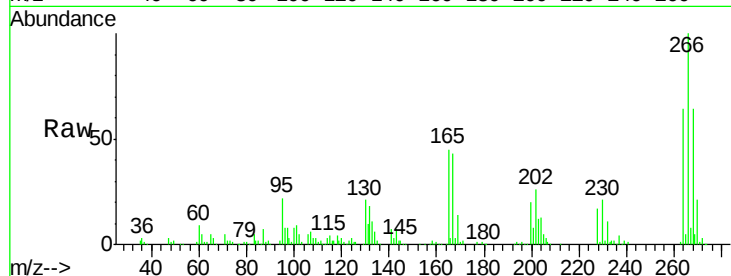
#69
 Pentachlorophenol
 Concen: 84.25 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

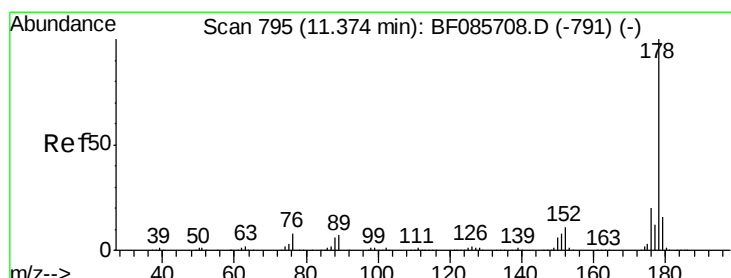
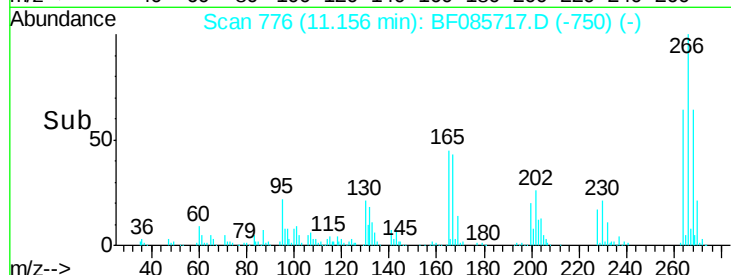
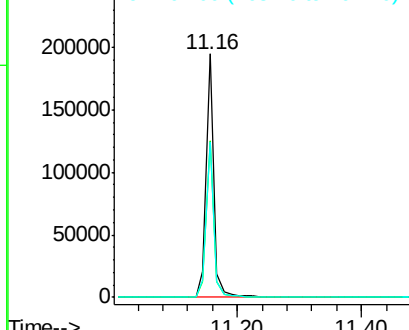
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	171266		
268	64.4	51.5	77.3	
264	63.8	50.6	76.0	

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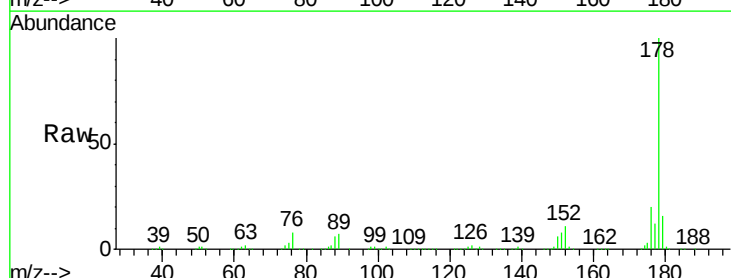


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

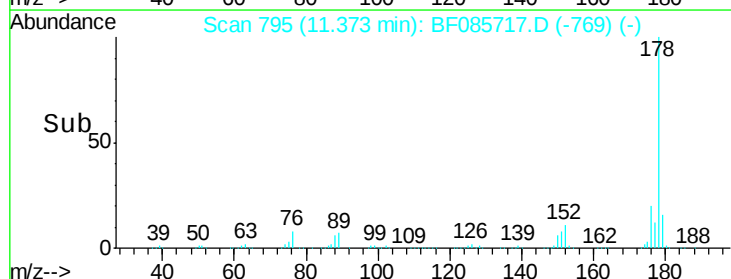
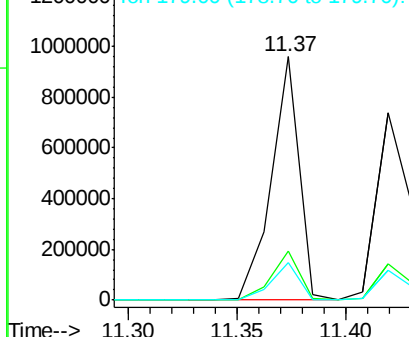


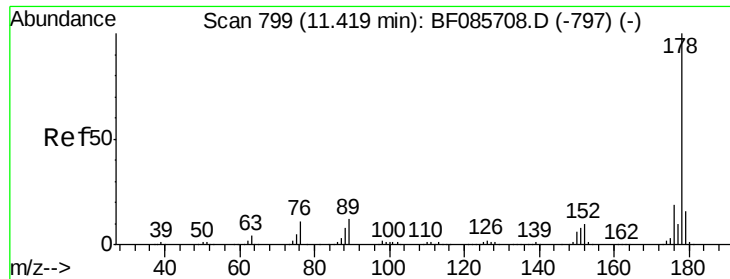
#70
 Phenanthrene
 Concen: 43.37 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	861735		
176	20.4	16.3	24.5	
179	15.6	12.6	18.8	



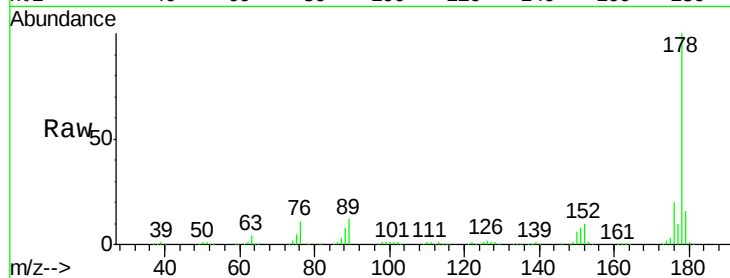
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 37.78 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

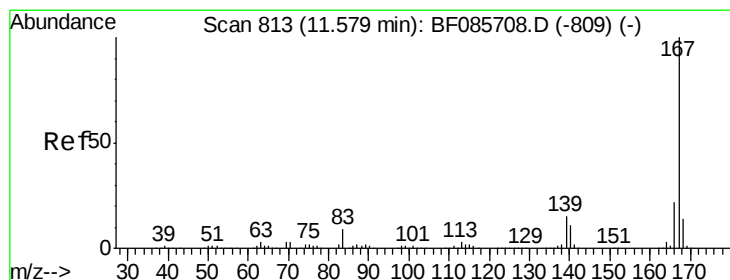
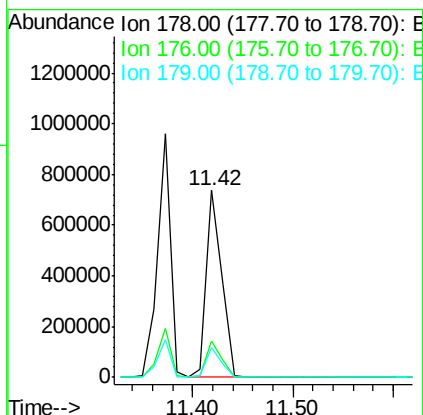
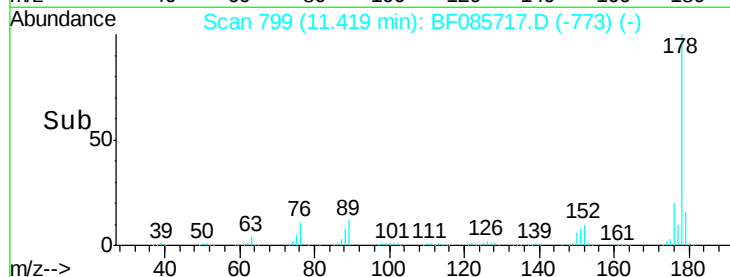
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.1	13.0	19.4

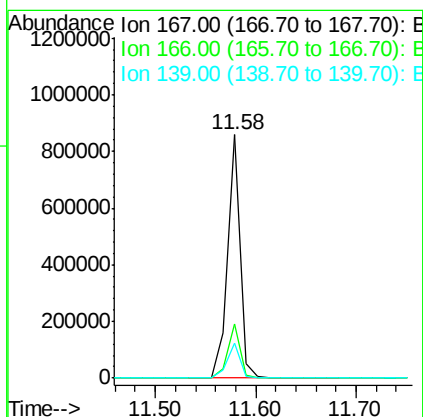
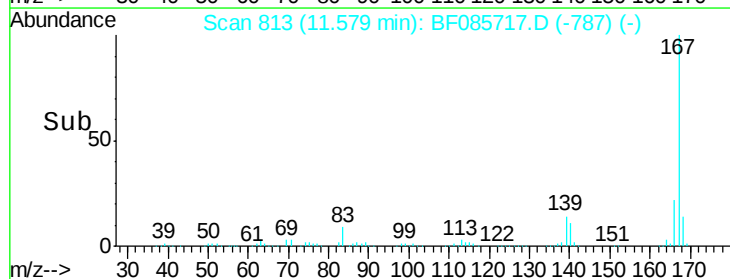
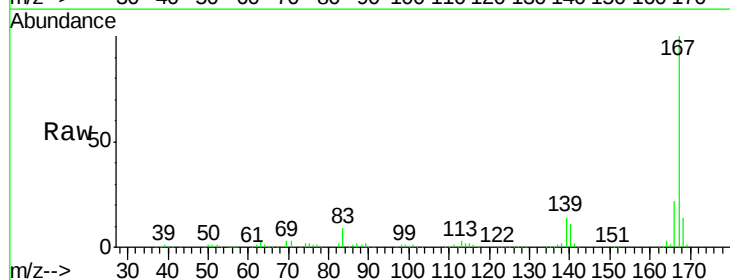
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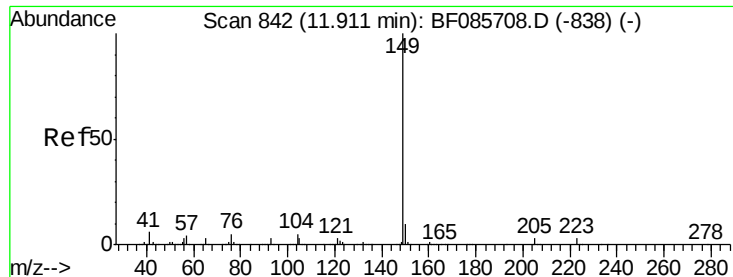
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#72
 Carbazole
 Concen: 42.67 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	14.5	11.6	17.4





#73

Di-n-butylphthalate

Concen: 40.69 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

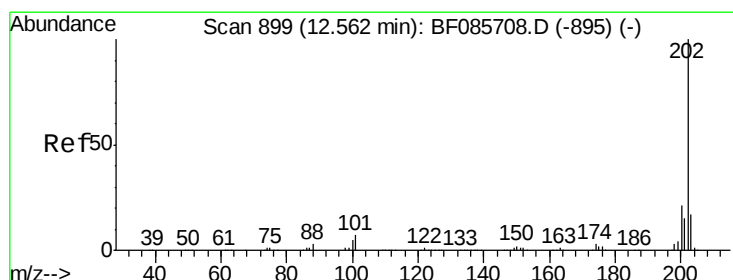
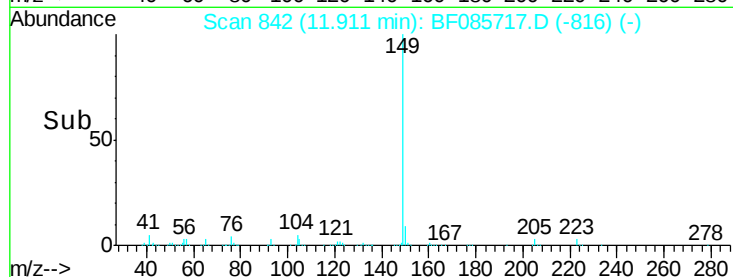
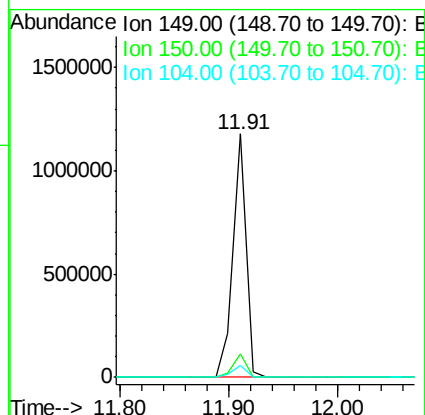
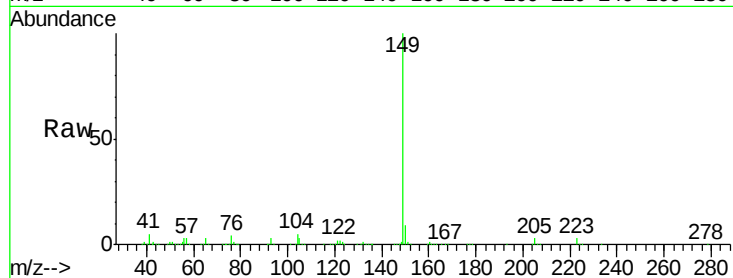
ClientSampleId :

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Tgt Ion:	149	Resp:	977848
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	4.9	3.8	5.8

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#74

Fluoranthene

Concen: 38.52 ng

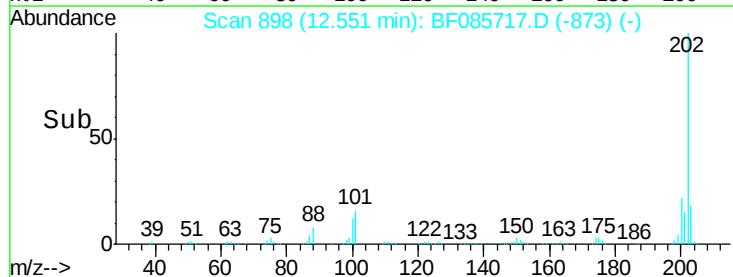
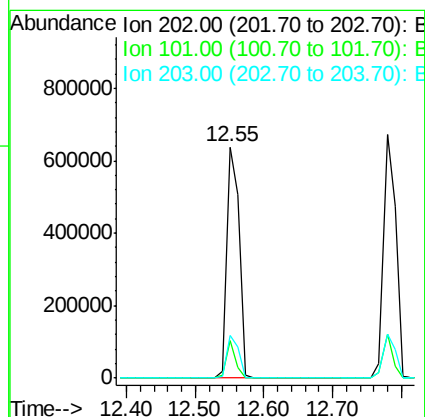
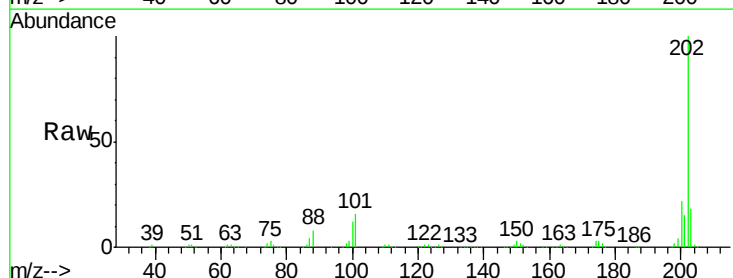
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	202	Resp:	813594
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	36.6
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

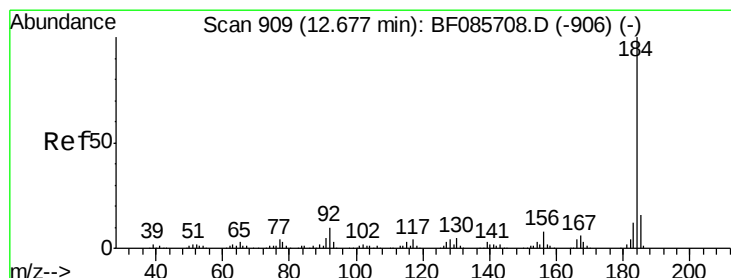
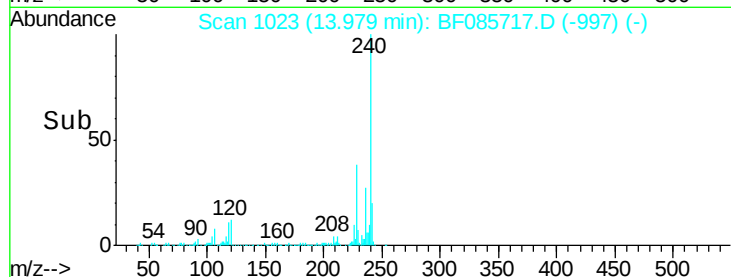
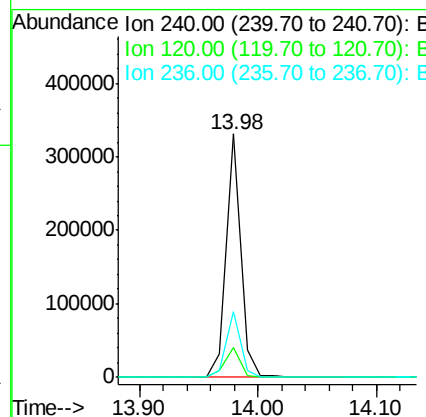
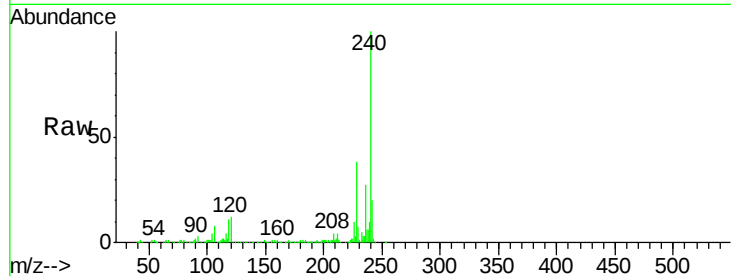
ClientSampleId :

PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	278532		
120	12.5	13.8	20.8#	
236	26.8	20.6	30.8	

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#76

Benzidine

Concen: 25.12 ng

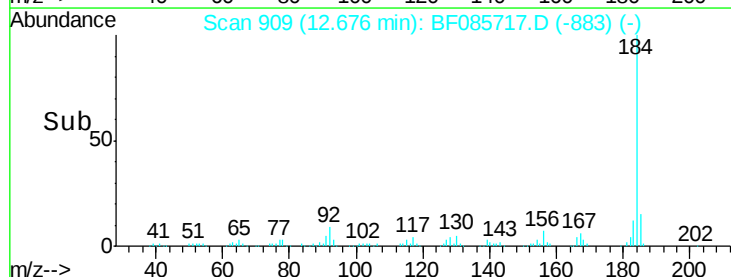
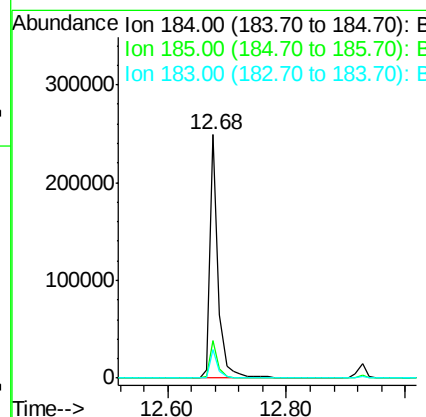
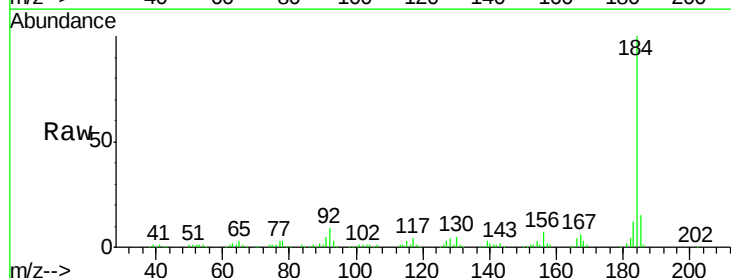
RT: 12.68 min Scan# 909

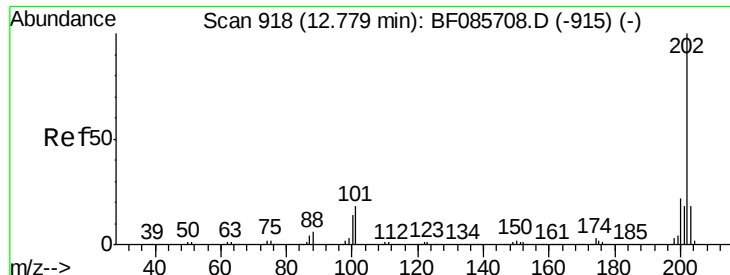
Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	246389		
185	15.2	12.4	18.6	
183	11.5	9.4	14.2	





#77

Pyrene

Concen: 35.90 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

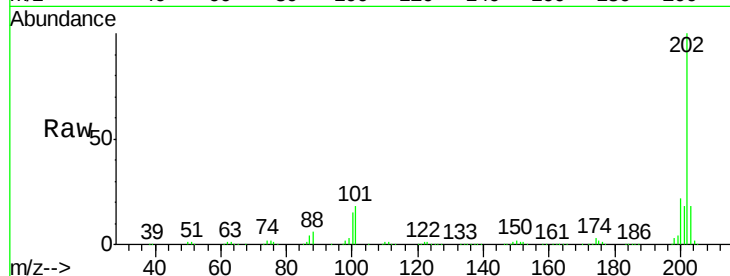
ClientSampleId :

PB88875BS

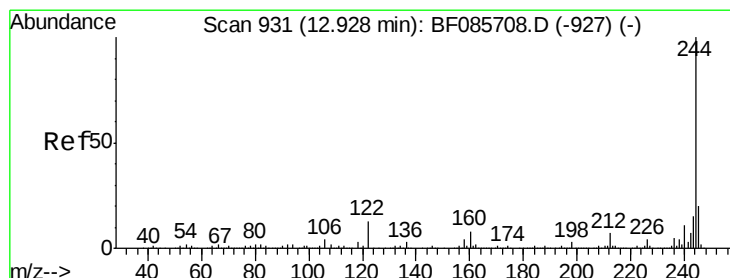
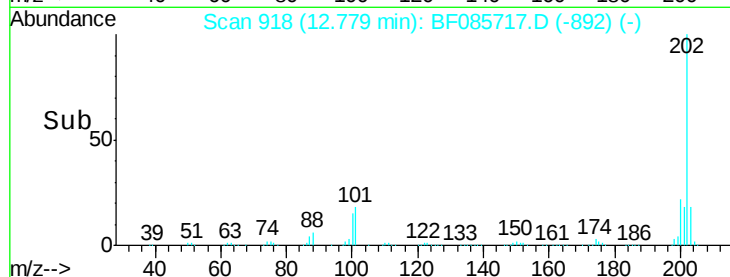
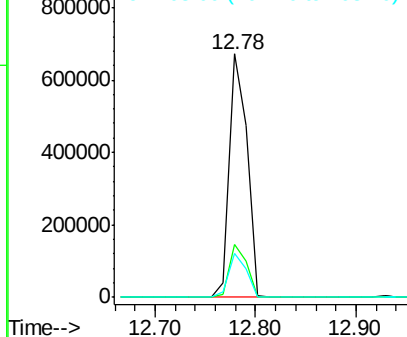
Tgt Ion:	202	Resp:	822020
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	18.2	14.0	21.0

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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: 68.16 ng

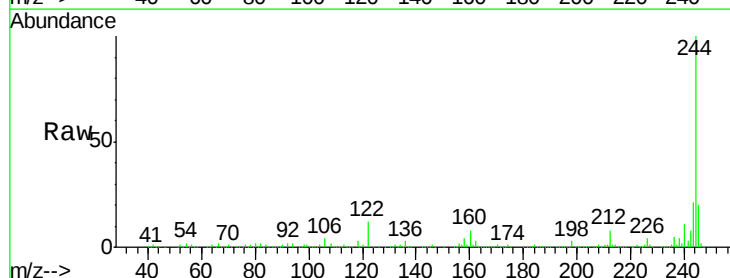
RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

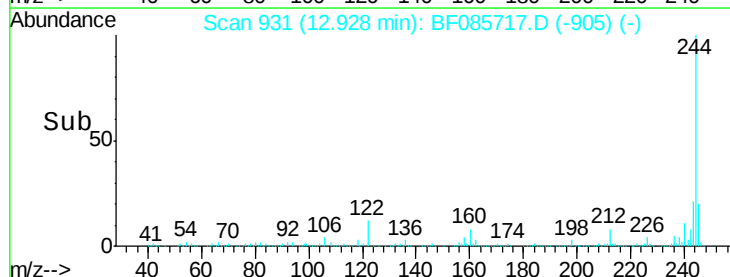
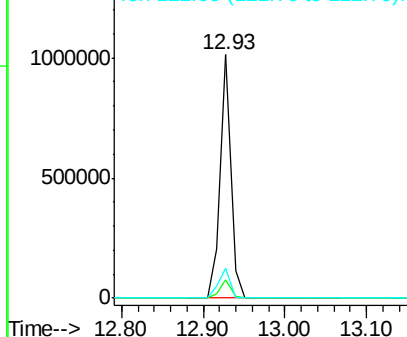
Lab File: BF085717.D

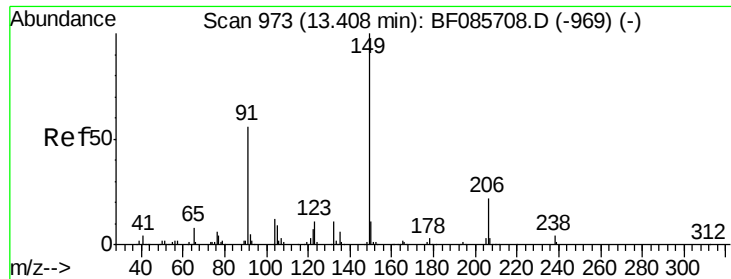
Acq: 24 Mar 2016 16:28

Tgt Ion:	244	Resp:	923169
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	12.3	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





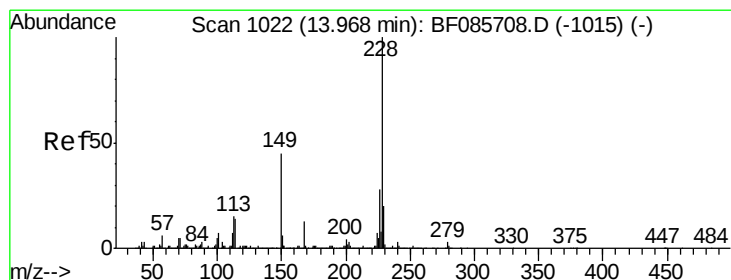
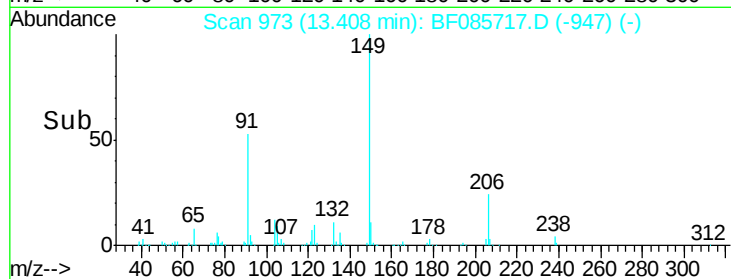
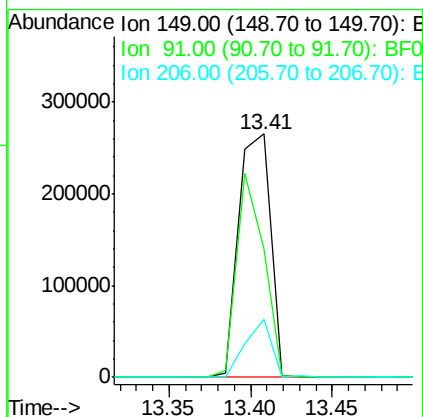
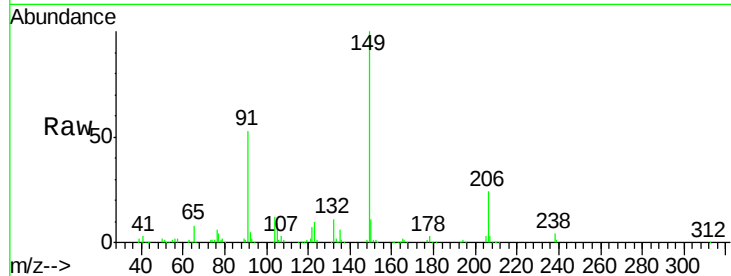
#79
Butylbenzylphthalate
Concen: 37.40 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		358631		
91	52.8	45.8	68.8		
206	23.6	17.8	26.8		

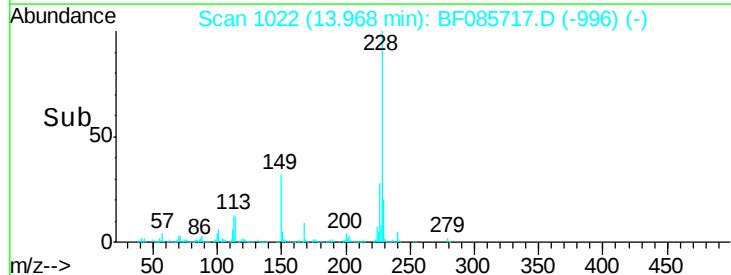
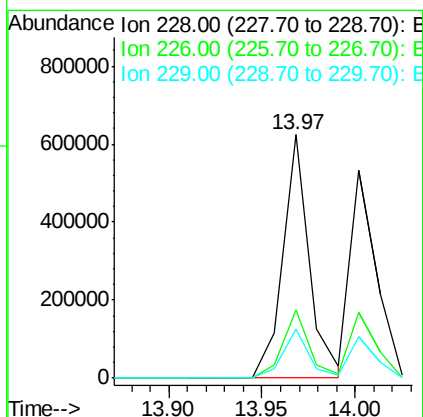
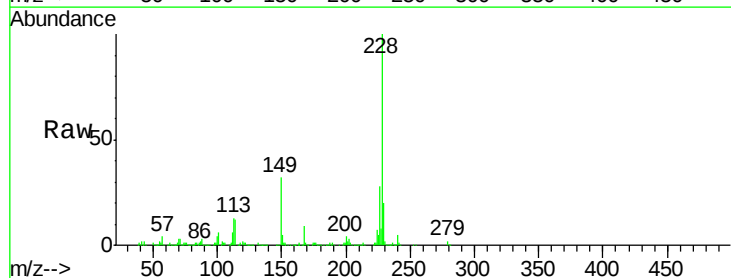
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#80
Benzo(a)anthracene
Concen: 38.73 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		615049		
226	28.0	22.1	33.1		
229	20.1	16.2	24.4		





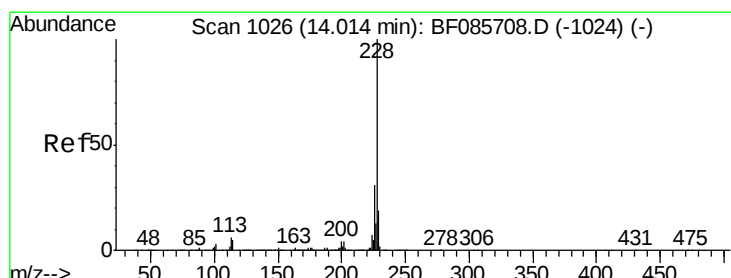
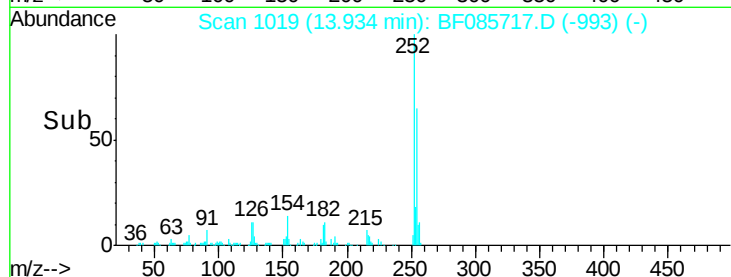
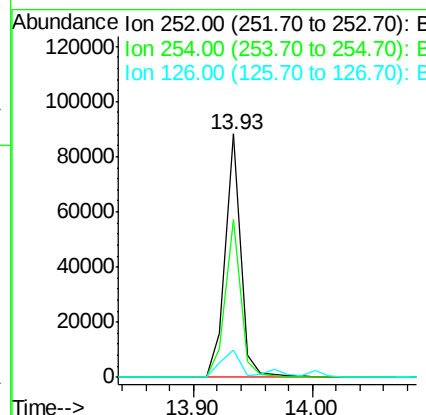
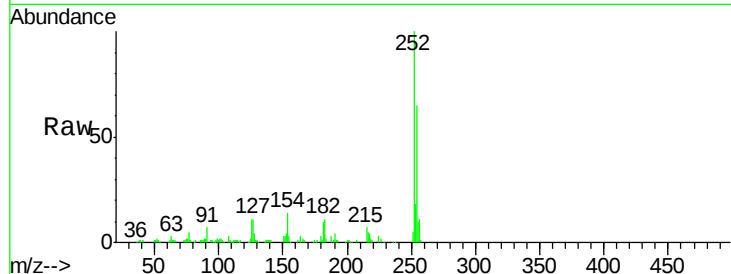
#81
 3,3'-Dichlorobenzidine
 Concen: 7.24 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	11.1	11.8	17.6

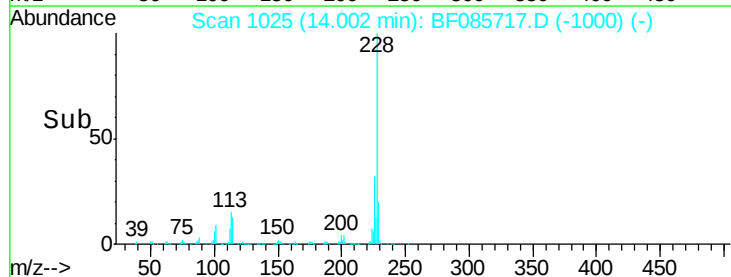
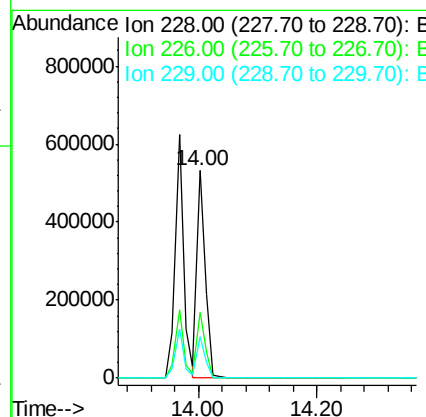
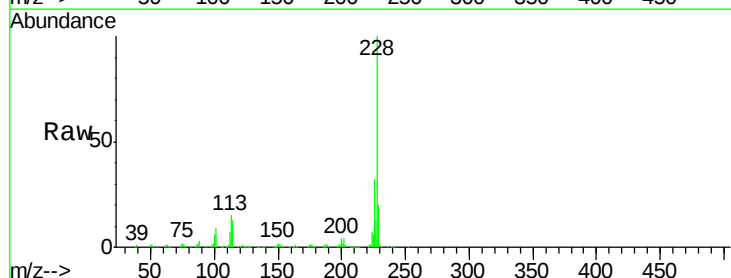
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#82
 Chrysene
 Concen: 33.10 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	19.8	15.7	23.5





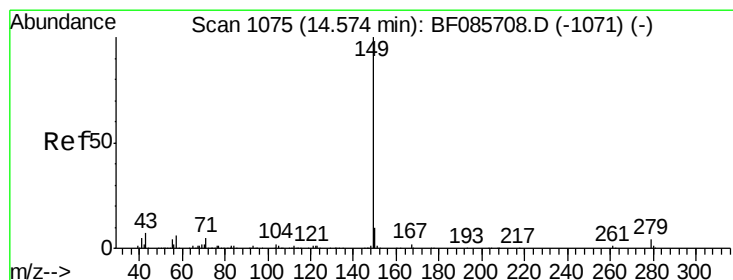
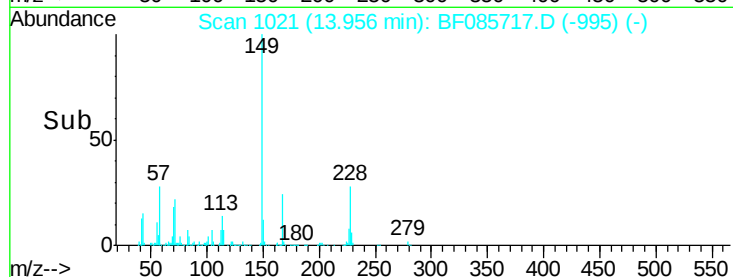
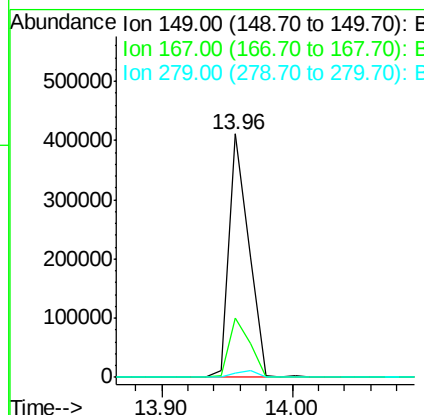
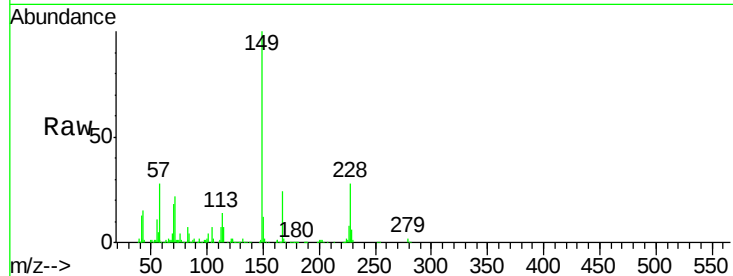
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.66 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432304		
167	24.2	19.4	29.2	
279	1.8	1.5	2.3	

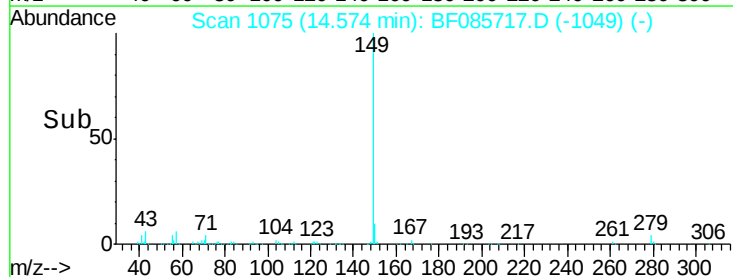
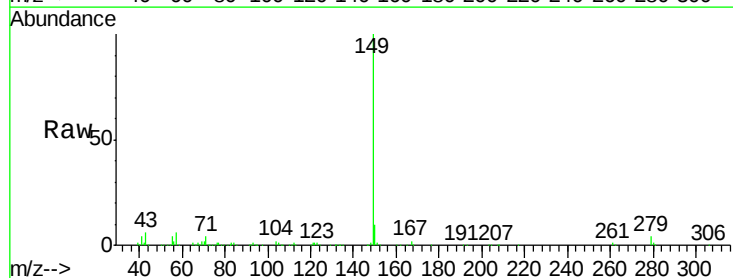
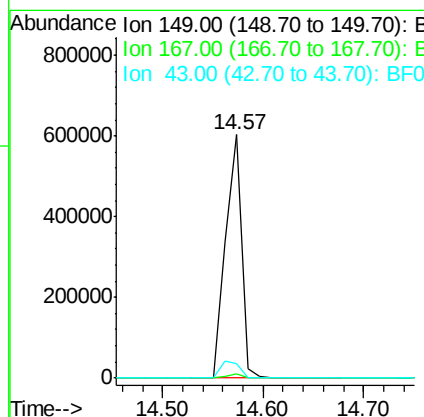
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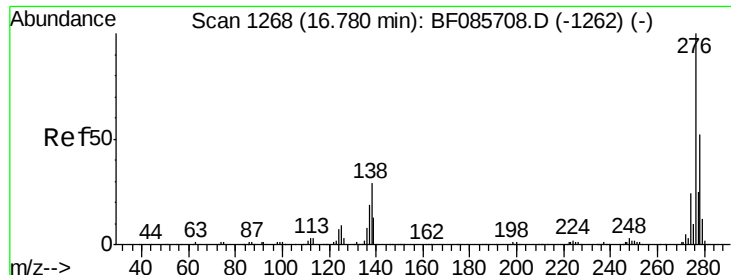
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#84
 Di-n-octyl phthalate
 Concen: 39.14 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	668233		
167	1.5	1.2	1.8	
43	8.6	7.1	10.7	





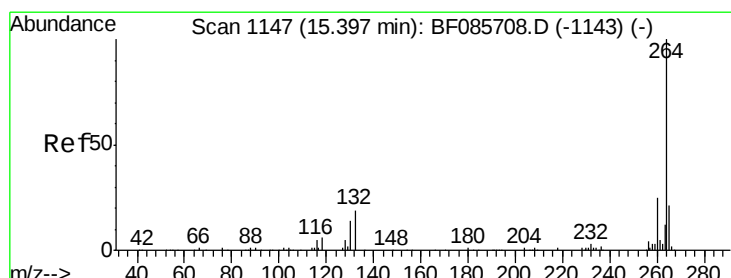
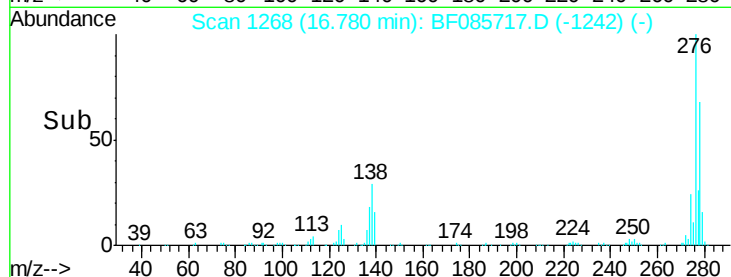
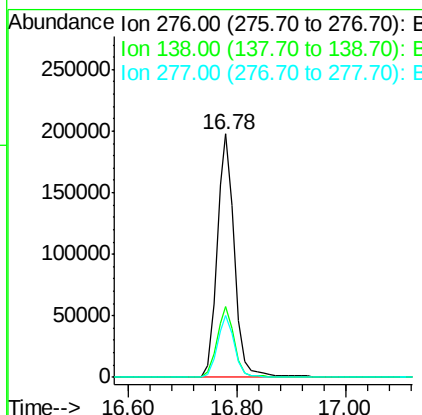
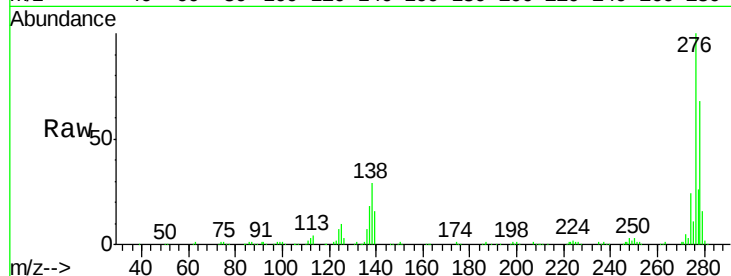
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.04 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampled :
 PB88875BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	445216		
138	29.4	24.2	36.4	
277	25.2	20.0	30.0	

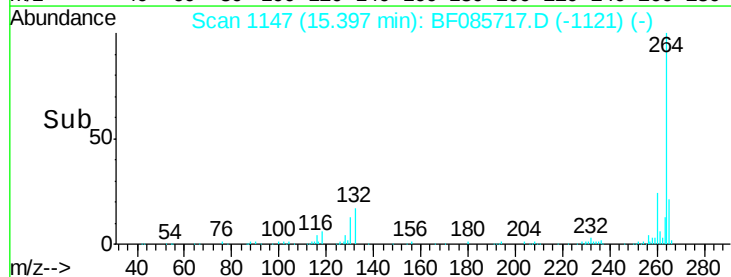
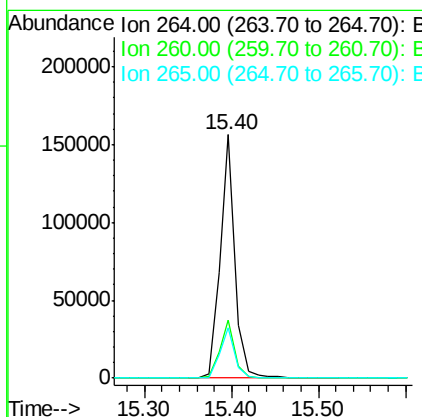
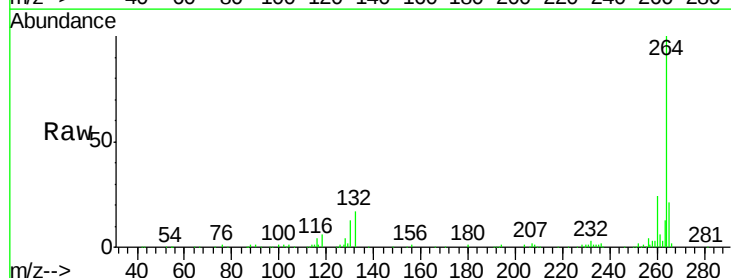
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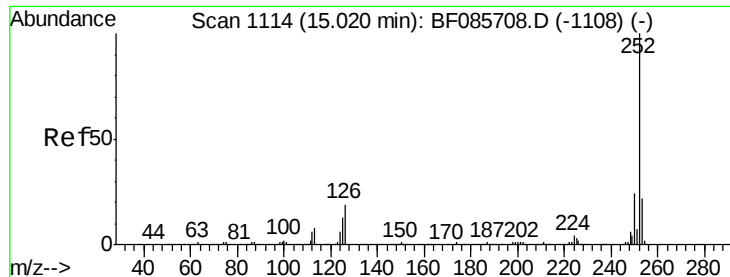
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	185866		
260	24.1	19.4	29.2	
265	20.9	17.2	25.8	





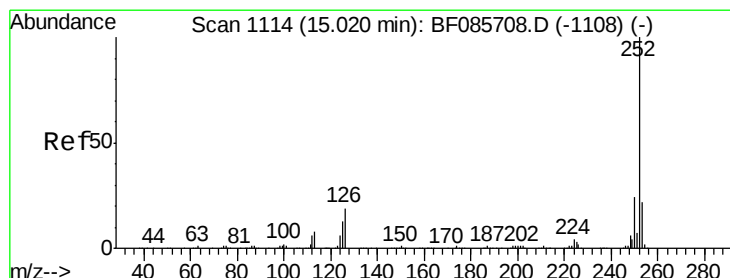
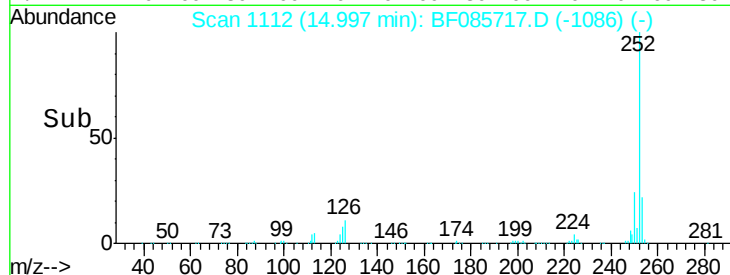
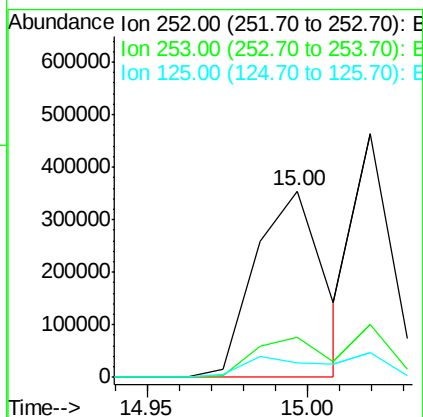
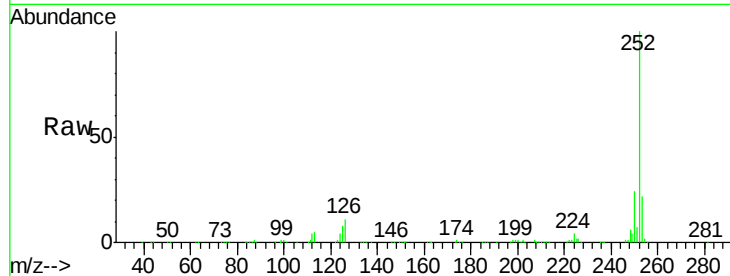
#87
Benzo(b)fluoranthene
Concen: 45.11 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.7	10.3	15.5

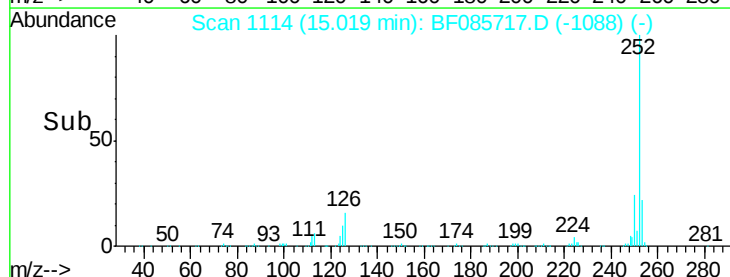
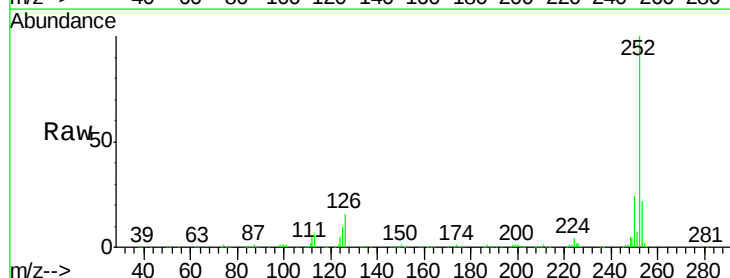
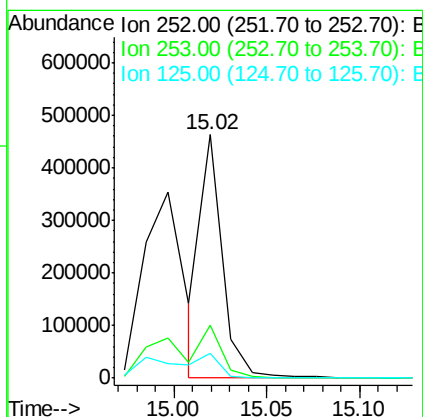
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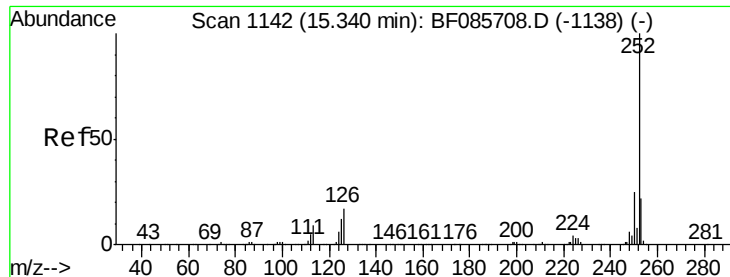
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#88
Benzo(k)fluoranthene
Concen: 36.51 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.4	7.7	11.5





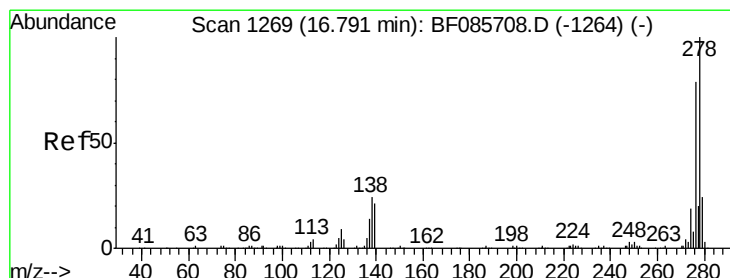
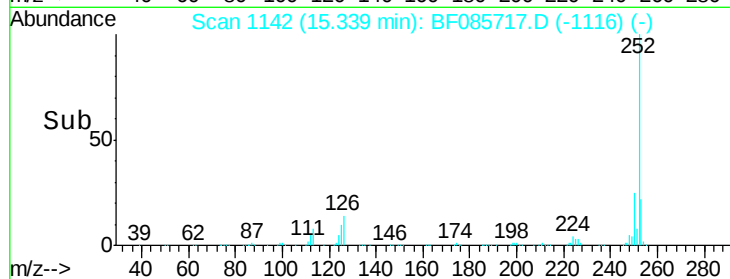
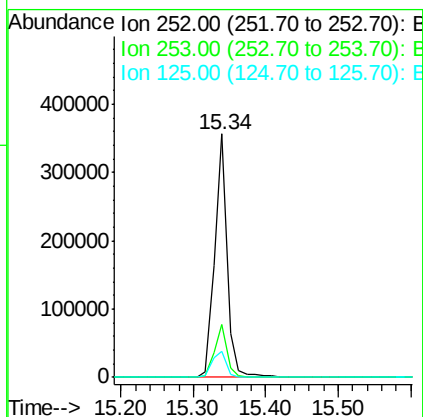
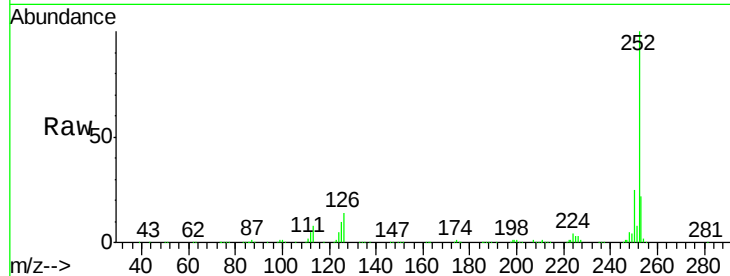
#89
Benzo(a)pyrene
Concen: 41.13 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.4	10.3	15.5

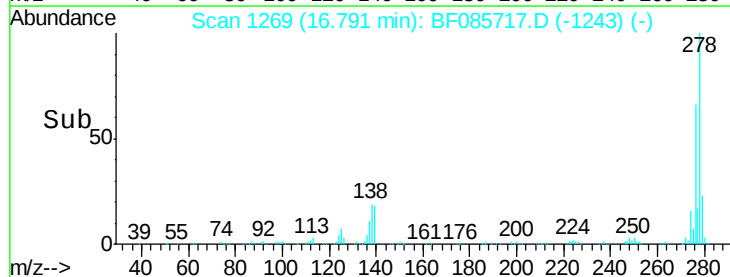
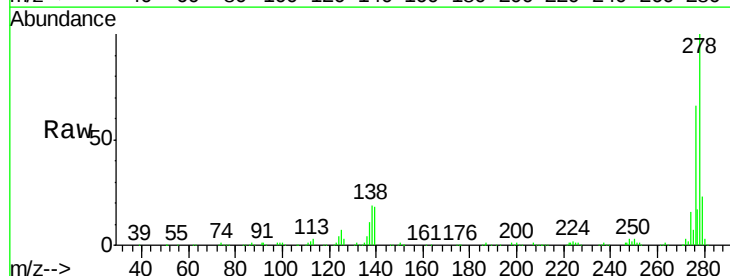
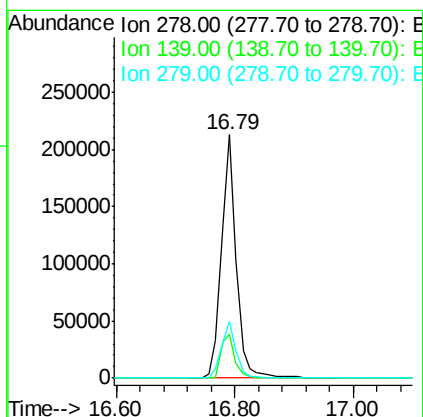
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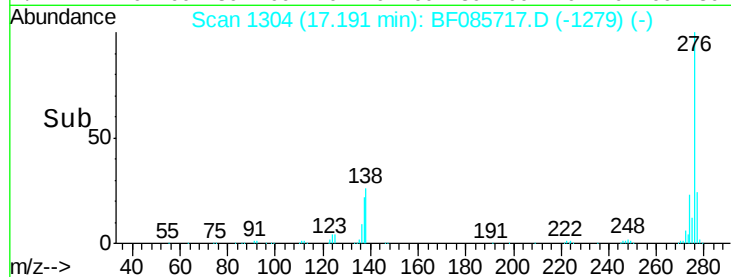
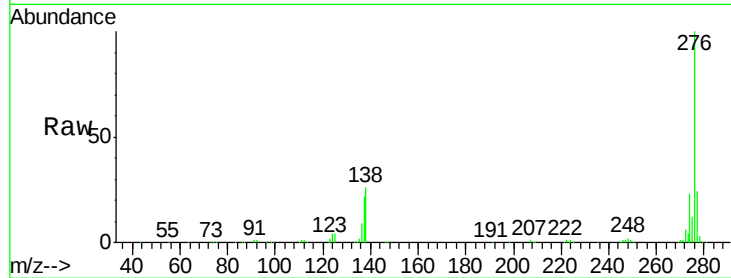
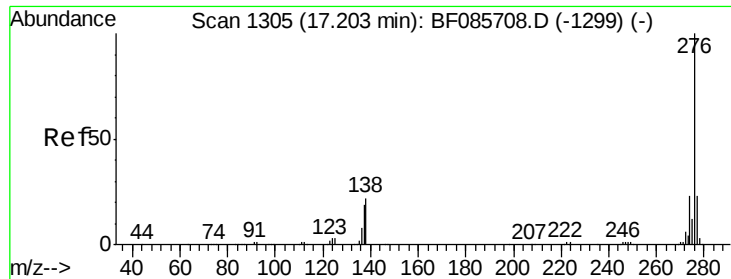
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#90
Dibenzo(a,h)anthracene
Concen: 38.50 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.4	21.6
279	23.4	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 38.89 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:	276	Resp:	380407
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	26.0	22.6	34.0

Instrument :

BNA_F

ClientSampleId :

PB88875BS

Manual Integrations
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