

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085722.D
 Acq On : 24 Mar 2016 19:14
 Operator : UM/SJ
 Sample : PB89173BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:04:29 PM

Quant Time: Mar 25 01:52:16 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	116549	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	473856	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	230345	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	442115	20.00	ng	0.00
75) Chrysene-d12	13.98	240	309707	20.00	ng	0.00
86) Perylene-d12	15.40	264	214343	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	816616	116.69	ng	0.02
7) Phenol-d6	6.46	99	1010773	113.60	ng	0.00
23) Nitrobenzene-d5	7.40	82	650187	77.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	240996	110.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1088264	78.93	ng	0.00
78) Terphenyl-d14	12.93	244	1006530	66.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	95771	28.66	ng	97
3) Pyridine	3.18	79	240114	29.97	ng	98
4) n-Nitrosodimethylamine	3.12	42	120179	37.47	ng	97
6) Aniline	6.49	93	244952	20.45	ng	95
8) 2-Chlorophenol	6.61	128	296098	36.42	ng	95
9) Benzaldehyde	6.37	77	39689	7.40	ng	91
10) Phenol	6.48	94	311796	30.93	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	271260	34.97	ng	98
12) 1,3-Dichlorobenzene	6.77	146	306075	34.96	ng	98
13) 1,4-Dichlorobenzene	6.85	146	303358m	34.16	ng	
14) 1,2-Dichlorobenzene	7.00	146	298844	36.11	ng	99
15) Benzyl Alcohol	6.97	79	240308	40.48	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	356078	34.60	ng	97
17) 2-Methylphenol	7.09	107	255527	39.25	ng	99
18) Hexachloroethane	7.34	117	116547	35.84	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	206475	38.76	ng	99
20) 3+4-Methylphenols	7.24	107	294748	37.66	ng	90
22) Acetophenone	7.24	105	378273	34.27	ng	# 98
24) Nitrobenzene	7.41	77	283296	32.66	ng	98
25) Isophorone	7.65	82	573239	35.36	ng	99
26) 2-Nitrophenol	7.73	139	153823	35.45	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	304622	40.16	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	368946	39.95	ng	99
29) 2,4-Dichlorophenol	7.97	162	235760	36.97	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	248813	35.15	ng	93
31) Naphthalene	8.13	128	831917	34.84	ng	99
32) Benzoic acid	7.90	122	167317	33.21	ng	100
33) 4-Chloroaniline	8.18	127	82320	8.44	ng	97
34) Hexachlorobutadiene	8.25	225	133808	34.78	ng	99
35) Caprolactam	8.55	113	82818m	36.67	ng	
36) 4-Chloro-3-methylphenol	8.68	107	290557	39.01	ng	97
37) 2-Methylnaphthalene	8.82	142	576211	40.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	239658	35.09	ng	100
40) Hexachlorocyclopentadiene	8.97	237	203051	72.32	ng	99

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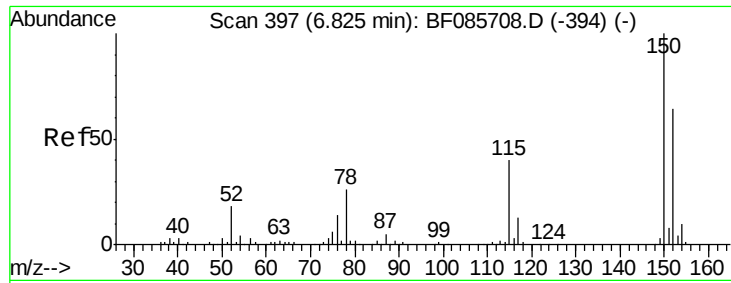
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	170154	36.88	ng	95
43) 2,4,5-Trichlorophenol	9.16	196	178777	36.95	ng	98
45) 1,1'-Biphenyl	9.29	154	700703	36.05	ng	94
46) 2-Chloronaphthalene	9.32	162	540085	37.79	ng	98
47) 2-Nitroaniline	9.41	65	148460	33.97	ng	89
48) Acenaphthylene	9.73	152	859219	36.90	ng	100
49) Dimethylphthalate	9.59	163	596267	34.12	ng	99
50) 2,6-Dinitrotoluene	9.66	165	150144	39.91	ng	# 66
51) Acenaphthene	9.90	154	500325	35.17	ng	100
52) 3-Nitroaniline	9.82	138	66746	15.50	ng	94
53) 2,4-Dinitrophenol	9.93	184	140099	74.19	ng	88
54) Dibenzofuran	10.07	168	726750	39.47	ng	98
55) 4-Nitrophenol	9.99	139	196801	70.16	ng	94
56) 2,4-Dinitrotoluene	10.06	165	178318	37.30	ng	# 62
57) Fluorene	10.41	166	592106	38.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	141467	42.07	ng	96
59) Diethylphthalate	10.29	149	597421	34.60	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	247660	33.10	ng	97
61) 4-Nitroaniline	10.44	138	141672	34.40	ng	91
62) Azobenzene	10.56	77	664844	40.07	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	103954	40.15	ng	# 65
65) n-Nitrosodiphenylamine	10.53	169	547610	39.11	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	166234	36.75	ng	97
67) Hexachlorobenzene	10.96	284	185092	39.13	ng	98
68) Atrazine	11.05	200	160226	33.89	ng	99
69) Pentachlorophenol	11.16	266	189104	81.43	ng	99
70) Phenanthrene	11.37	178	924542	40.73	ng	100
71) Anthracene	11.42	178	851224	35.72	ng	100
72) Carbazole	11.58	167	790393	39.50	ng	99
73) Di-n-butylphthalate	11.91	149	1028280	37.45	ng	100
74) Fluoranthene	12.55	202	865139	35.85	ng	99
76) Benzidine	12.68	184	242374	22.22	ng	99
77) Pyrene	12.78	202	868263	34.11	ng	98
79) Butylbenzylphthalate	13.41	149	389826	36.56	ng	97
80) Benzo(a)anthracene	13.97	228	633082	35.85	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	125970	10.28	ng	# 96
82) Chrysene	14.00	228	562243	31.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	458524	35.92	ng	99
84) Di-n-octyl phthalate	14.57	149	723227	38.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	477821	34.79	ng	99
87) Benzo(b)fluoranthene	15.00	252	539360	39.94	ng	# 95
88) Benzo(k)fluoranthene	15.02	252	436285m	35.84	ng	
89) Benzo(a)pyrene	15.34	252	457226	38.14	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	398091	35.74	ng	100
91) Benzo(g,h,i)perylene	17.19	276	405891	35.98	ng	98

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



#1

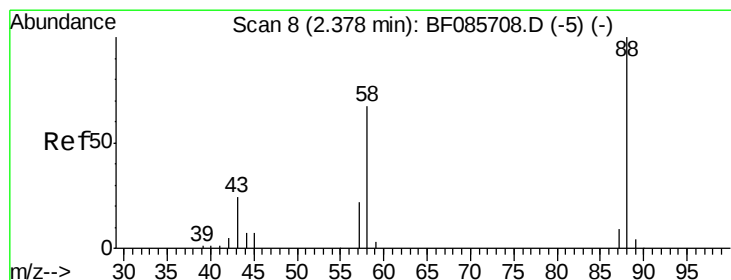
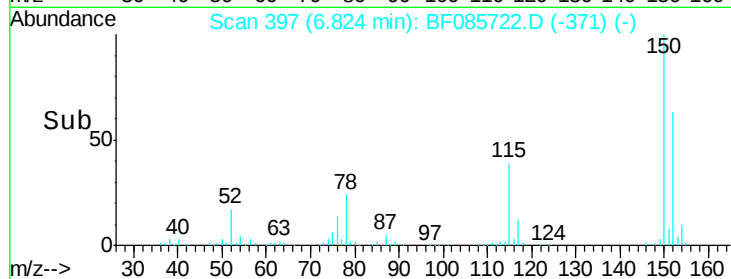
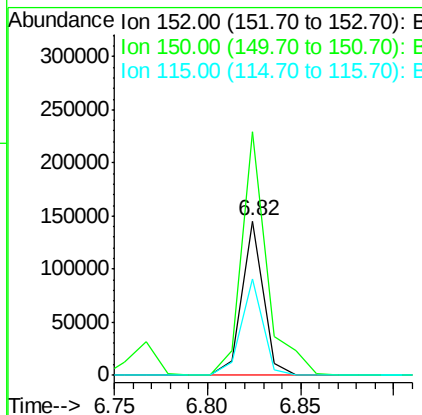
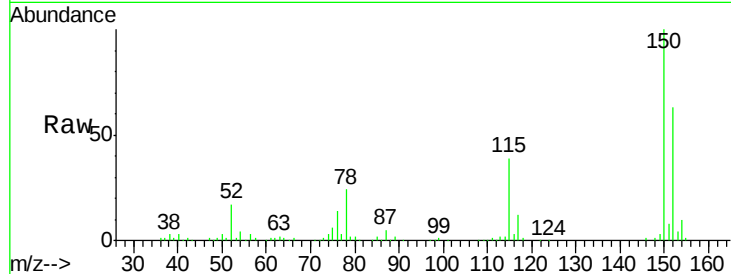
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	62.2	47.0	70.6

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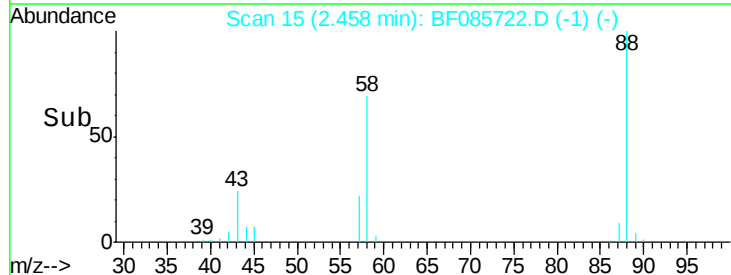
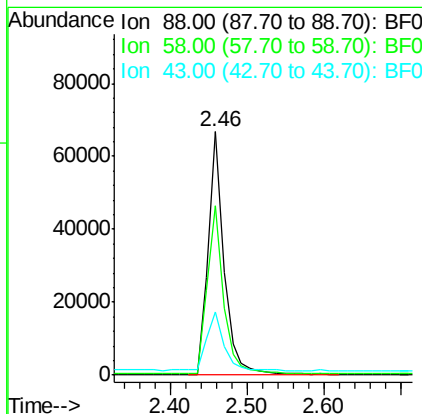
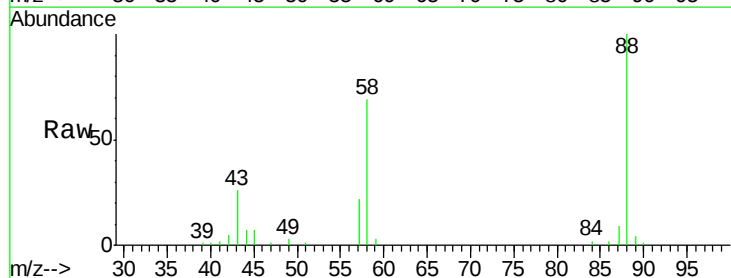
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#2

1,4-Dioxane
Concen: 28.66 ng
RT: 2.46 min Scan# 15
Delta R.T. 0.08 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.2	81.2
43	26.6	19.3	28.9





#3

Pyridine

Concen: 29.97 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.08 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

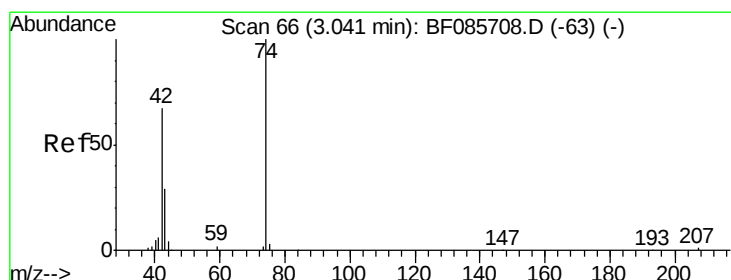
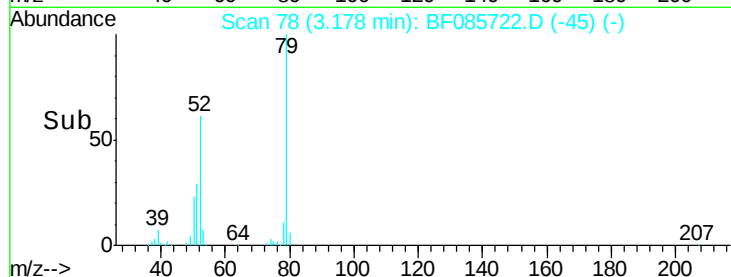
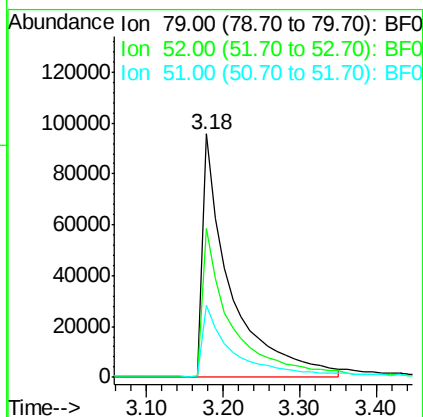
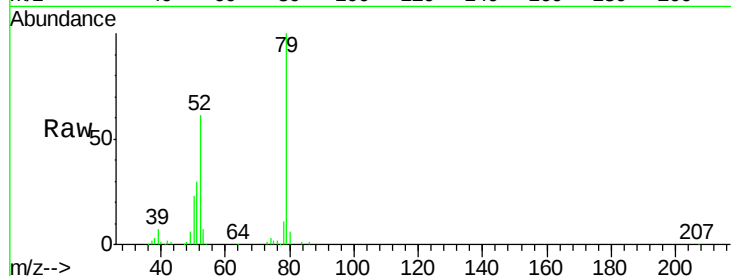
ClientSampleId :

PB89173BS

Tgt Ion:	79	Resp:	240114
Ion	Ratio	Lower	Upper
79	100		
52	61.2	49.8	74.6
51	29.7	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 37.47 ng

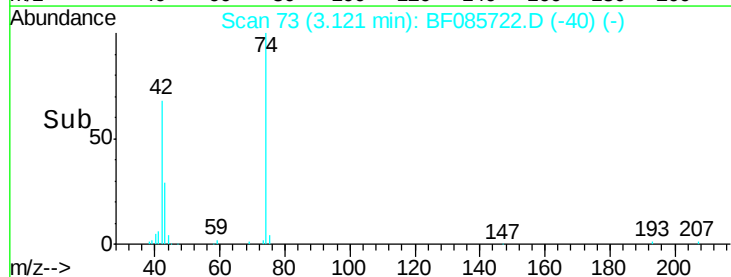
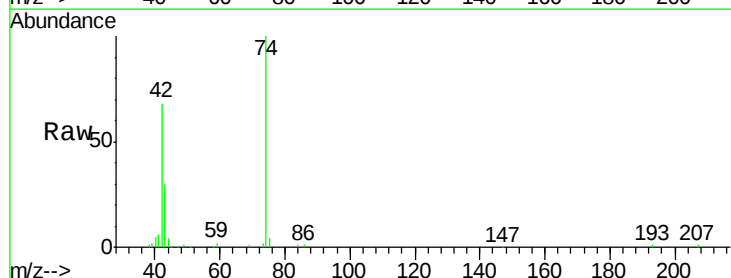
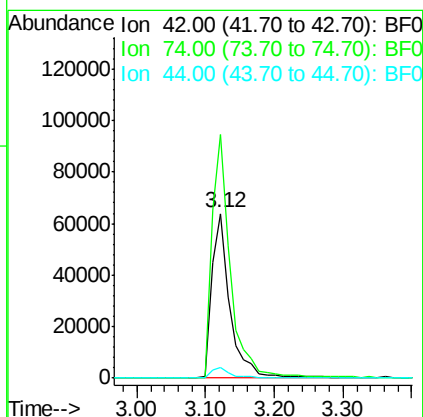
RT: 3.12 min Scan# 73

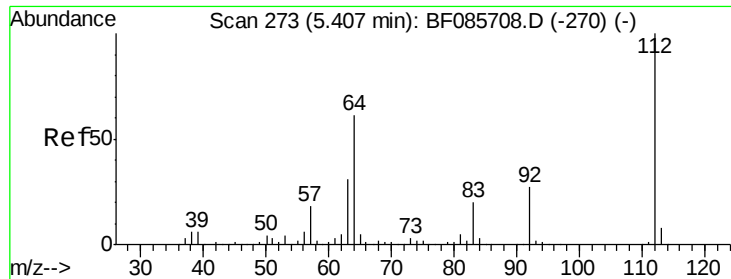
Delta R.T. 0.08 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	42	Resp:	120179
Ion	Ratio	Lower	Upper
42	100		
74	147.7	121.4	182.2
44	6.3	5.6	8.4





#5

2-Fluorophenol

Concen: 116.69 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085722.D

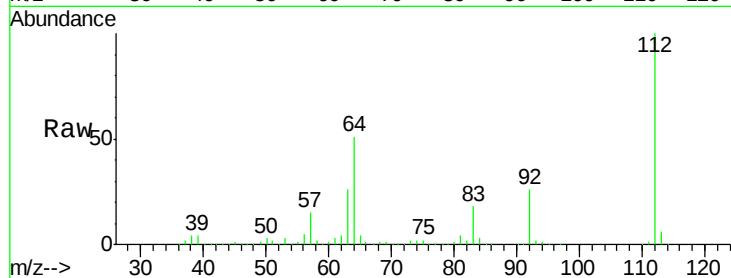
Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

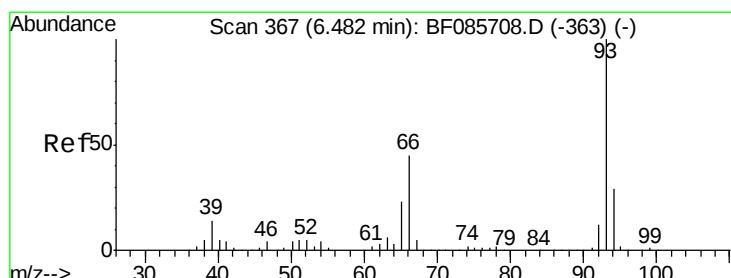
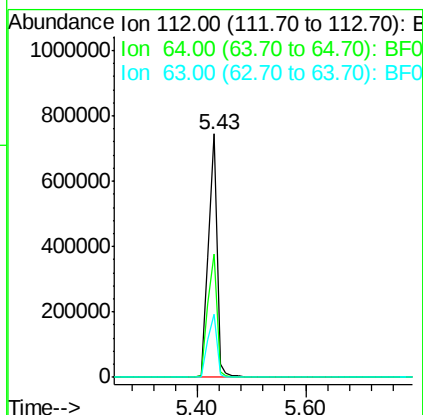
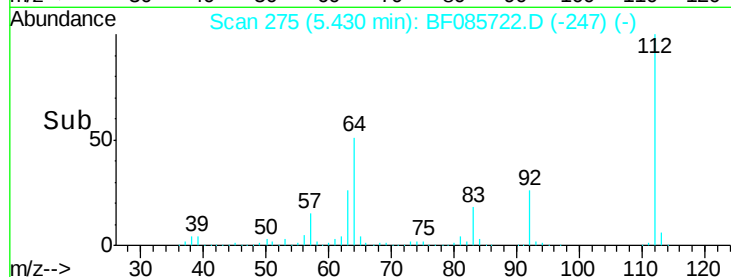
PB89173BS



Tgt Ion:	112	Resp:	816616
Ion Ratio	Lower	Upper	
112	100		
64	50.6	39.9	59.9
63	25.8	20.2	30.2

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#6

Aniline

Concen: 20.45 ng

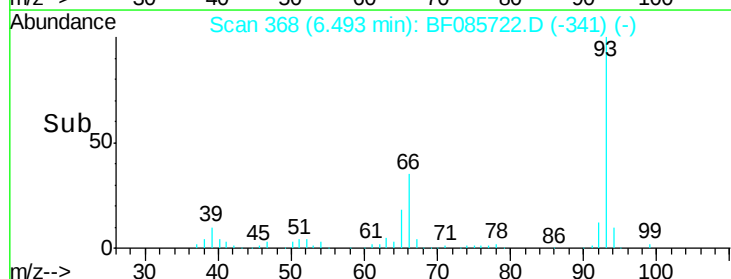
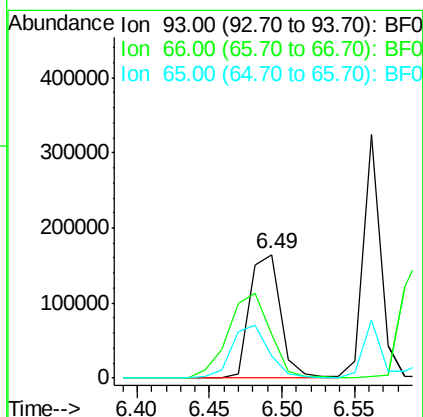
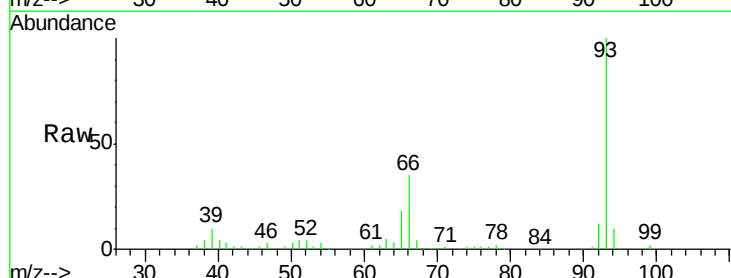
RT: 6.49 min Scan# 368

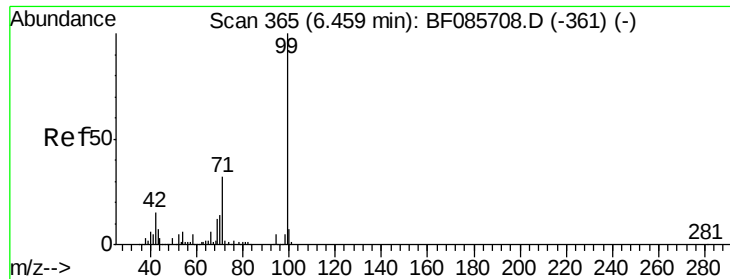
Delta R.T. 0.01 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	93	Resp:	244952
Ion Ratio	Lower	Upper	
93	100		
66	35.4	31.4	47.2
65	18.0	15.7	23.5





#7

Phenol-d6

Concen: 113.60 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB89173BS

Tgt Ion: 99 Resp: 1010773

Ion Ratio Lower Upper

99 100

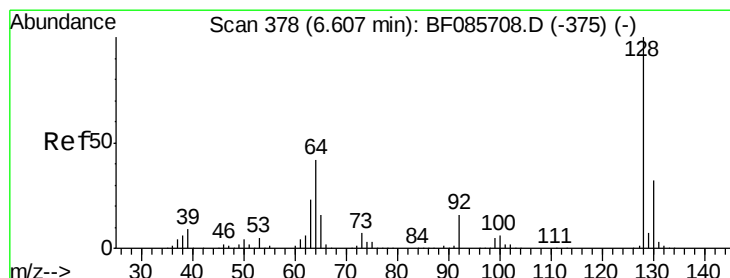
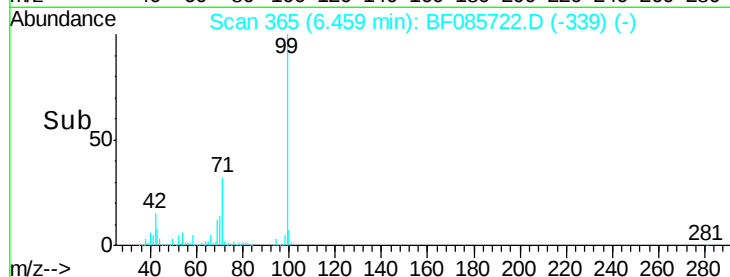
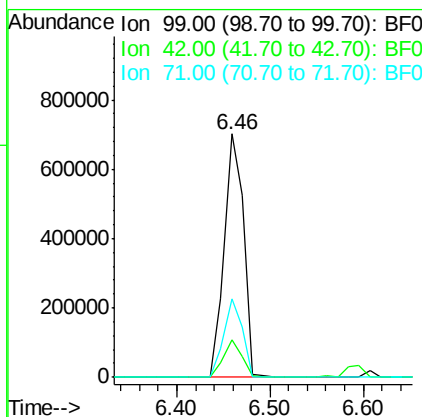
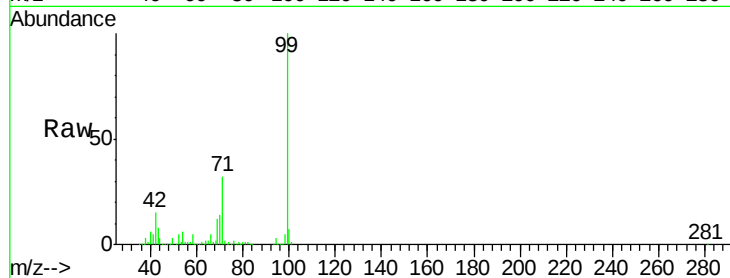
42 15.2 11.1 16.7

71 32.4 24.9 37.3

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#8

2-Chlorophenol

Concen: 36.42 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

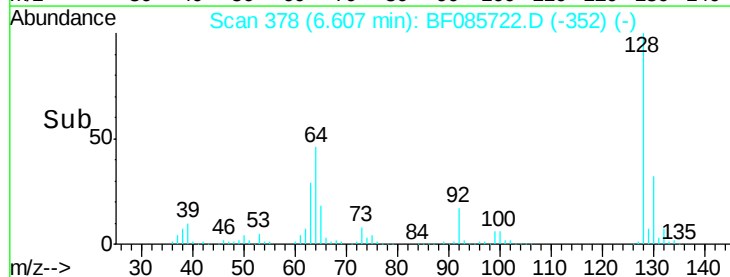
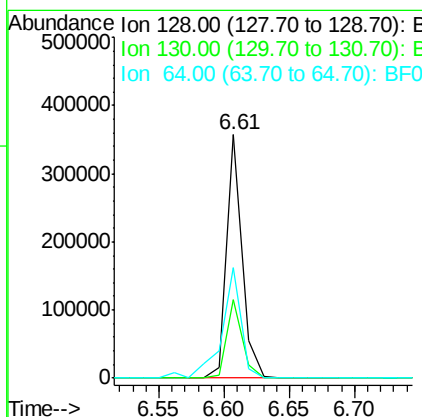
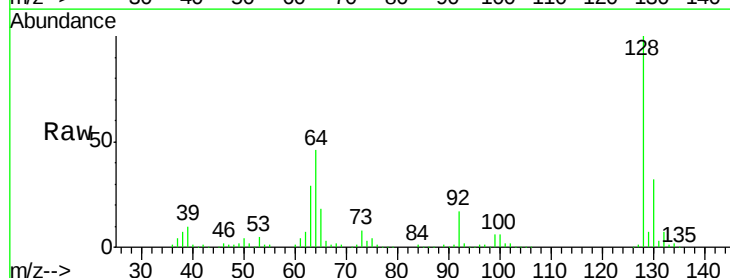
Tgt Ion: 128 Resp: 296098

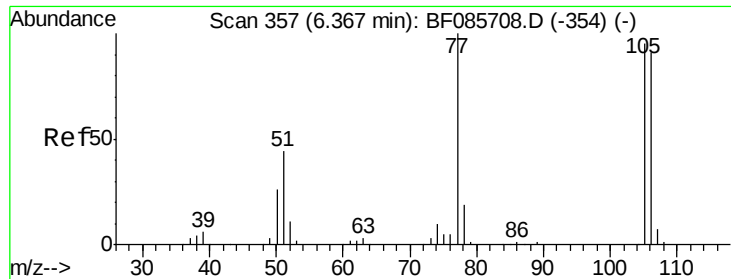
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 45.6 20.2 60.2





#9

Benzaldehyde

Concen: 7.40 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

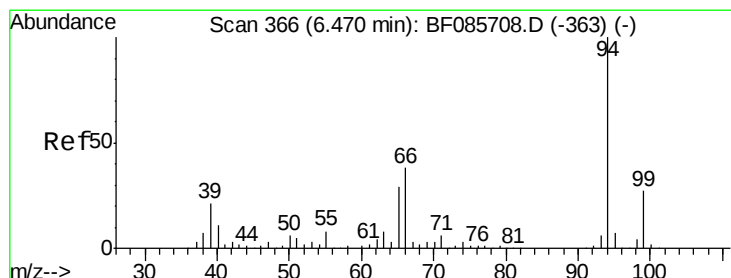
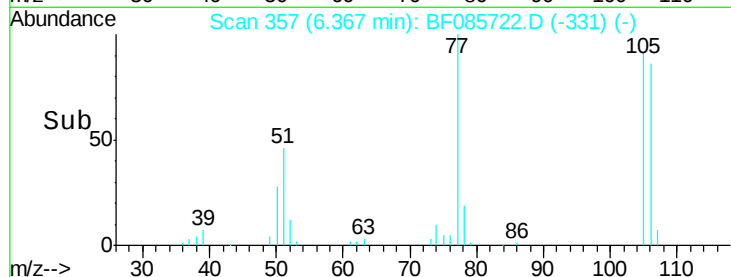
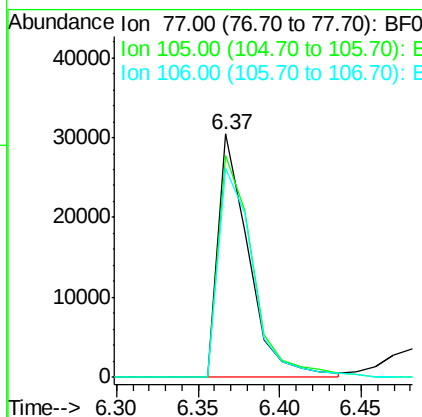
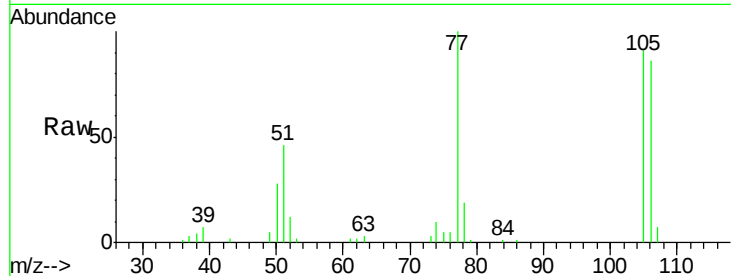
ClientSampleId :

PB89173BS

Tgt Ion:	77	Resp:	39689
Ion	Ratio	Lower	Upper
77	100		
105	91.3	80.1	120.1
106	85.6	75.0	115.0

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#10

Phenol

Concen: 30.93 ng

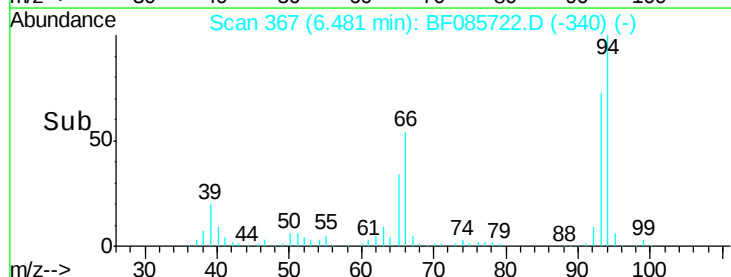
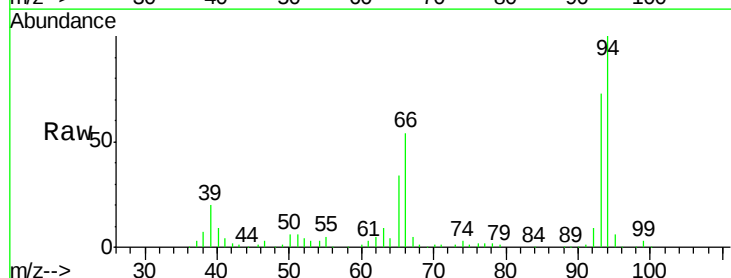
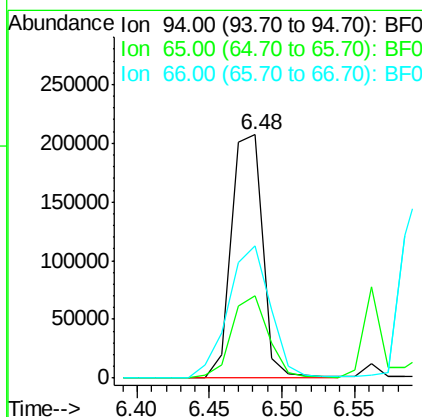
RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	94	Resp:	311796
Ion	Ratio	Lower	Upper
94	100		
65	33.6	8.6	48.6
66	54.3	20.0	60.0





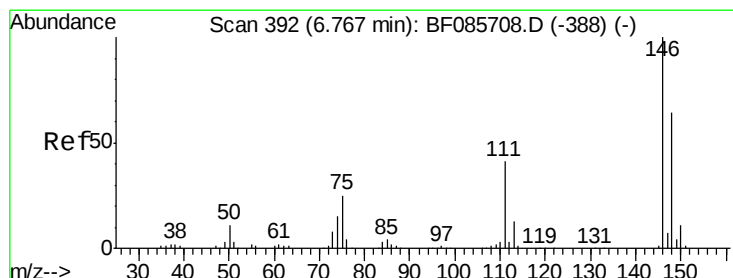
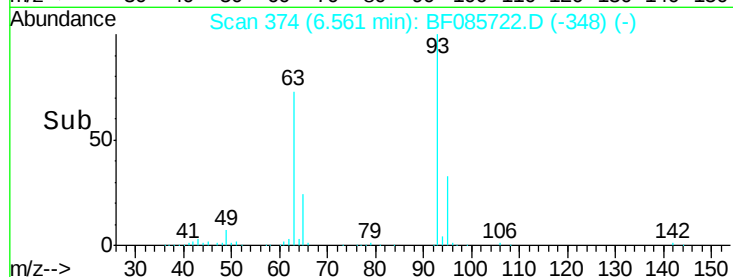
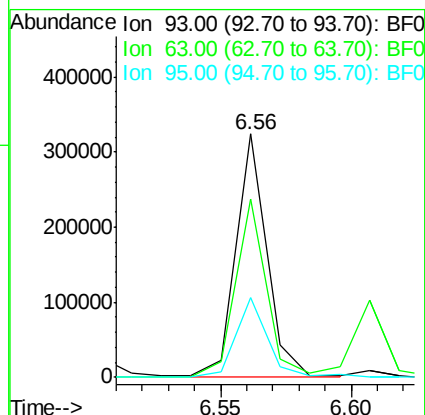
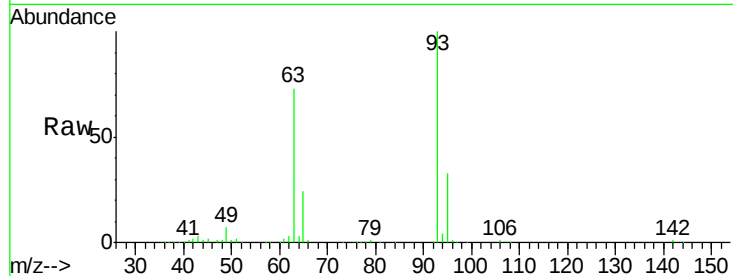
#11
 bis(2-Chloroethyl)ether
 Concen: 34.97 ng
 RT: 6.56 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion:	93	Resp:	271260
Ion Ratio	Lower	Upper	
93	100		
63	73.3	50.9	90.9
95	32.8	13.3	53.3

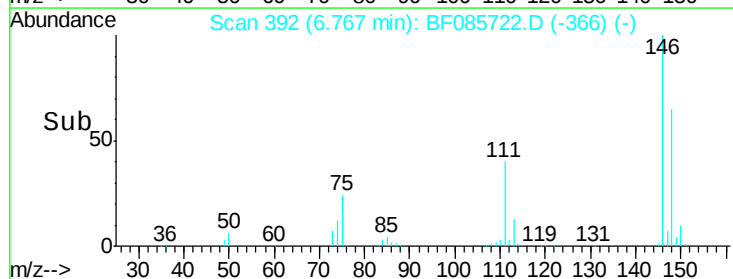
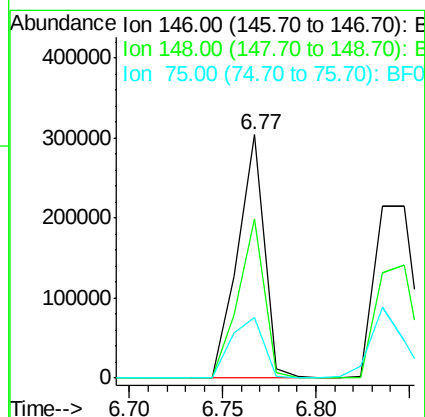
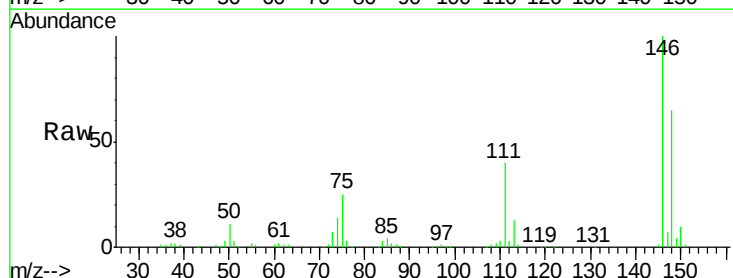
Manual Integrations
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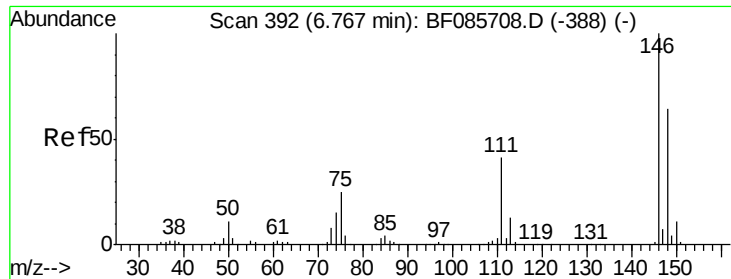
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 34.96 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

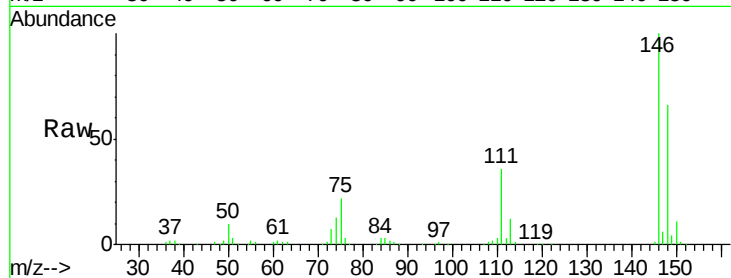
Tgt Ion:	146	Resp:	306075
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
75	24.9	17.4	26.2





#13
 1,4-Dichlorobenzene
 Concen: 34.16 ng m
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

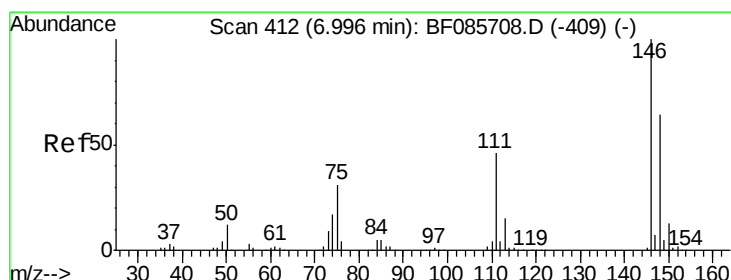
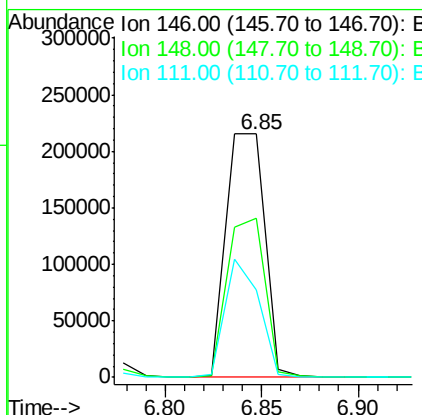
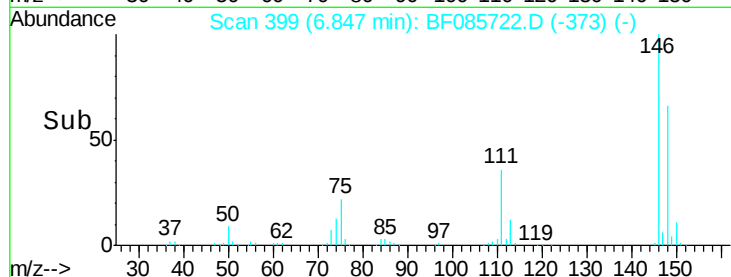
Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	76.0
111	36.1	37.8	56.6#

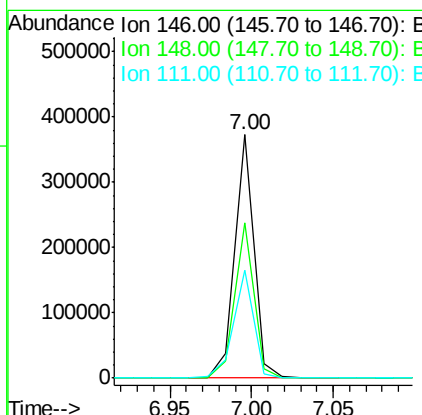
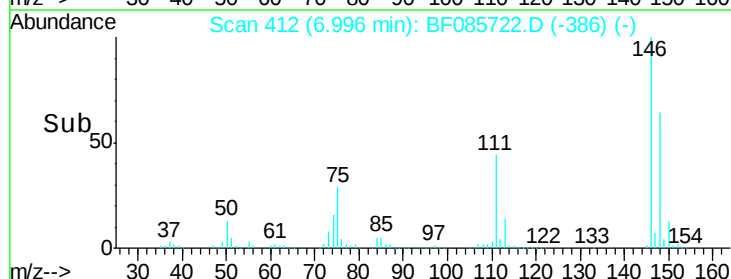
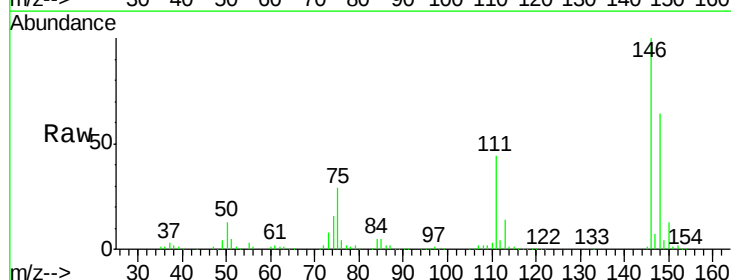
Manual Integrations
 APPROVED

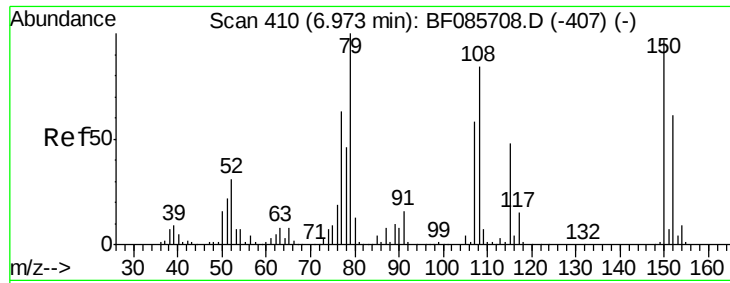
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#14
 1,2-Dichlorobenzene
 Concen: 36.11 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	44.1	34.6	52.0





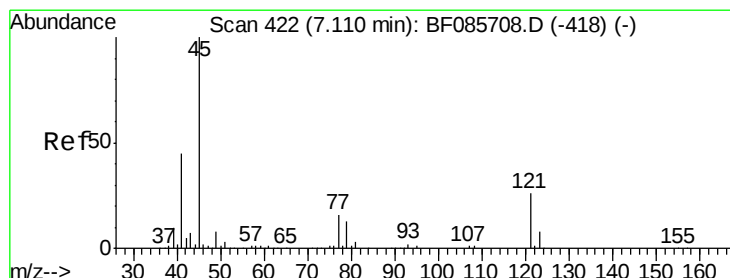
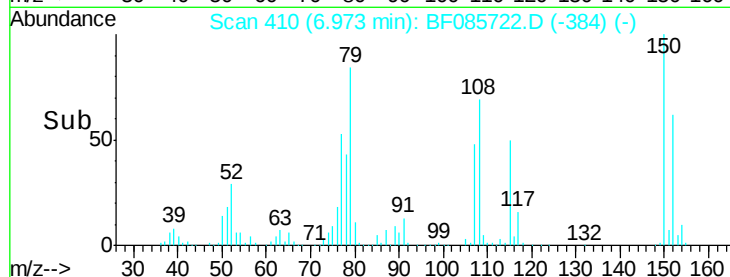
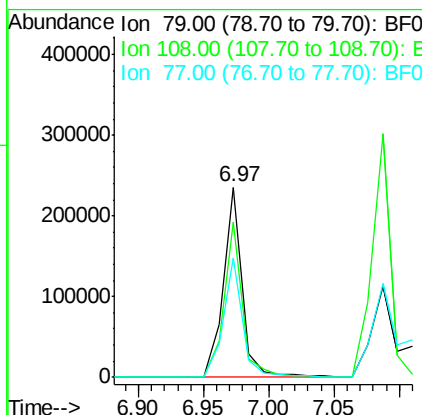
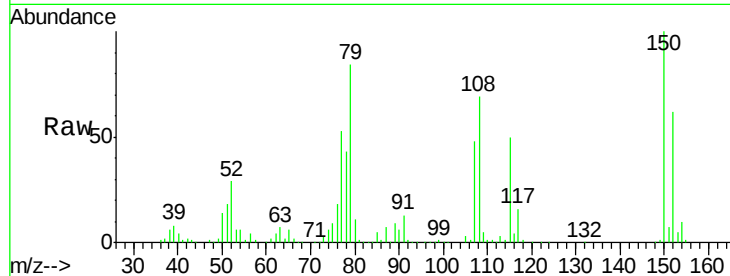
#15
Benzyl Alcohol
Concen: 40.48 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.9	61.8	92.6
77	63.0	49.6	74.4

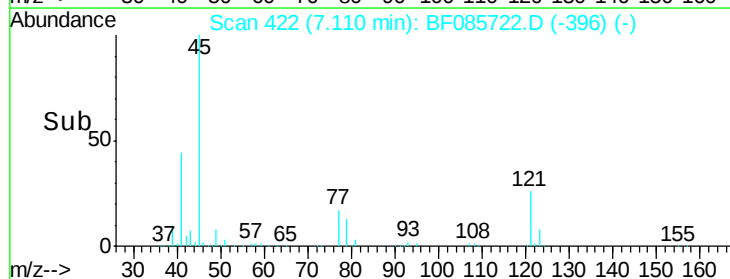
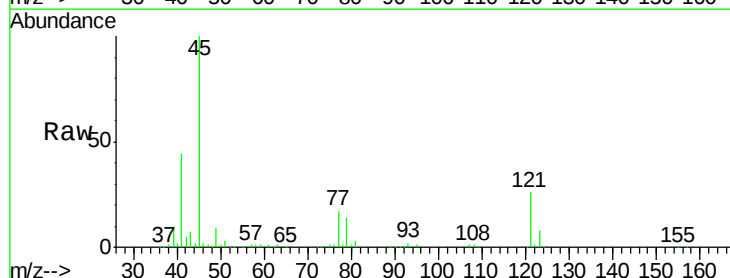
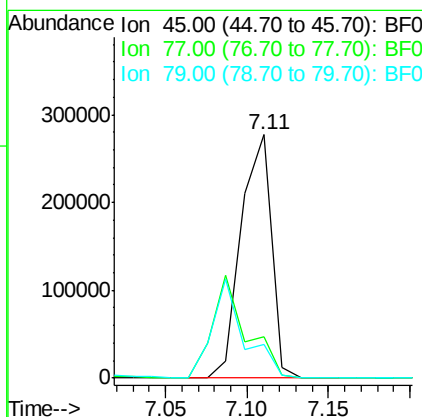
Manual Integrations
APPROVED

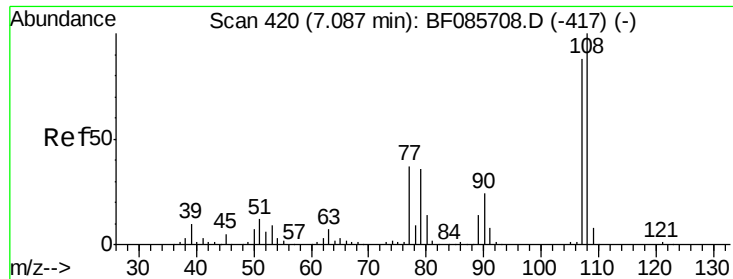
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.60 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	35.7
79	13.8	0.0	32.2





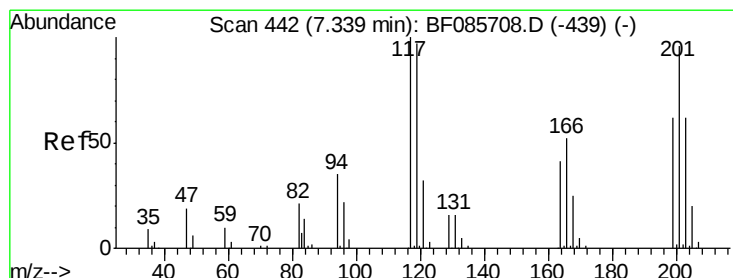
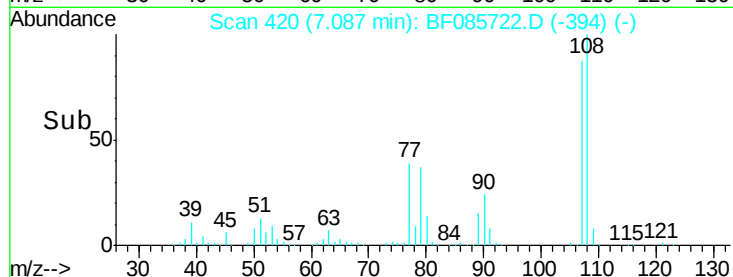
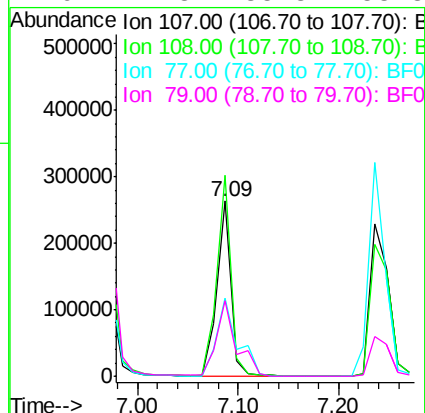
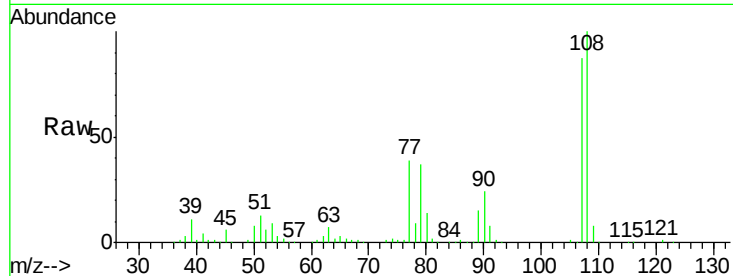
#17
2-Methylphenol
Concen: 39.25 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion:	107	Resp:	255527
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.4	137.0
77	44.2	36.2	54.2
79	42.8	35.8	53.8

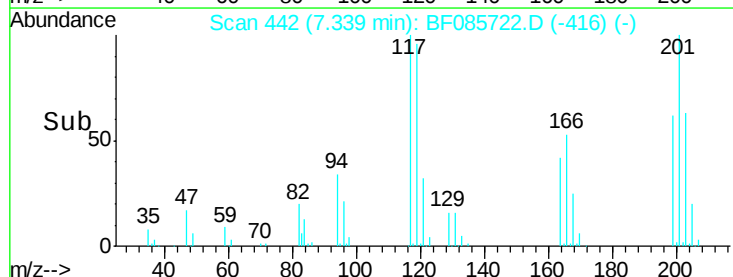
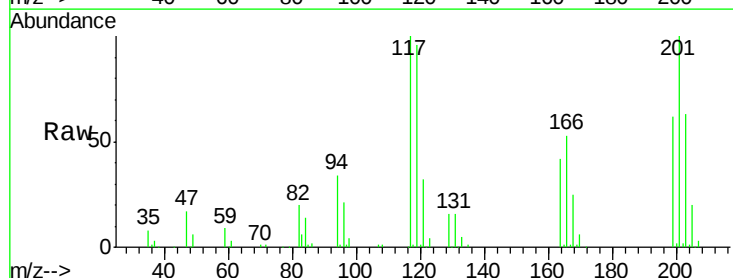
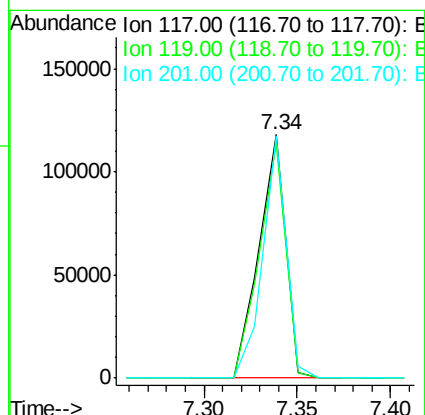
Manual Integrations
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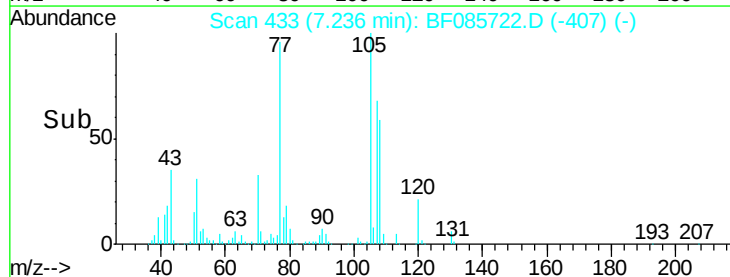
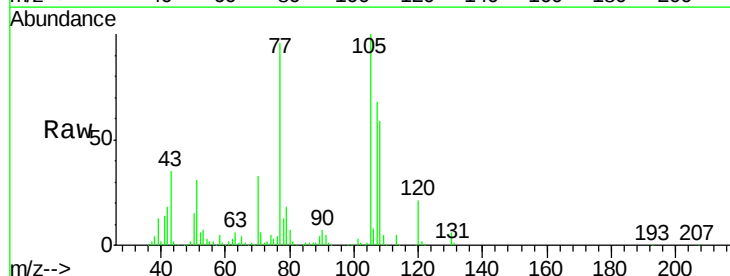
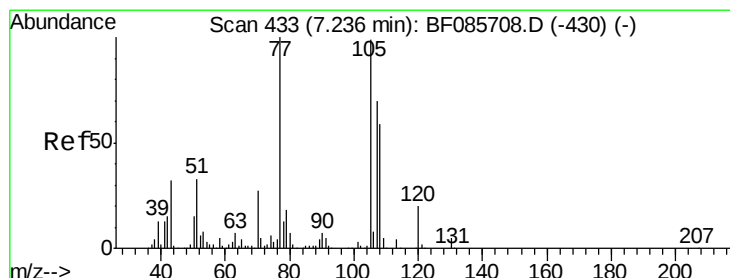
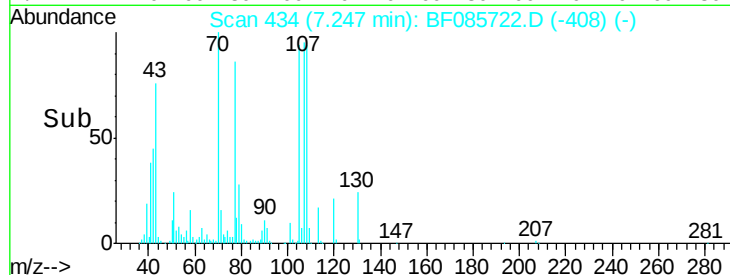
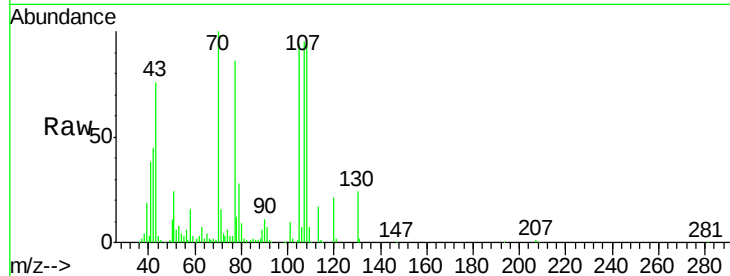
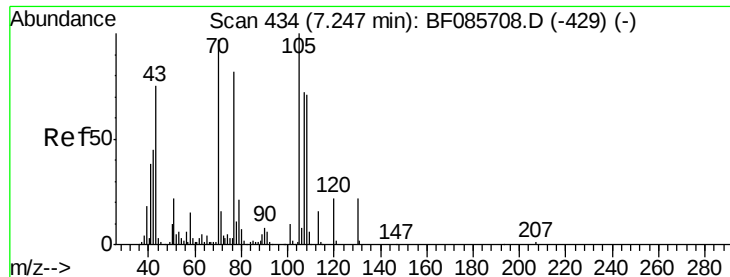
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#18
Hexachloroethane
Concen: 35.84 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion:	117	Resp:	116547
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.7	115.1
201	99.5	83.3	124.9





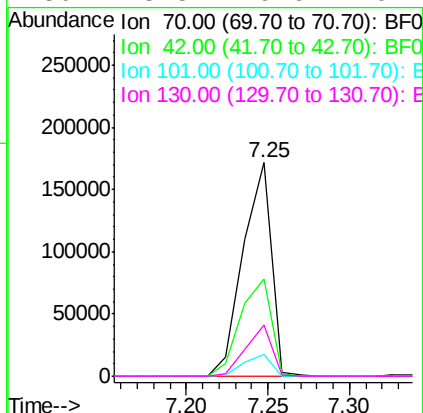
#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	45.3	37.1	55.7
101	10.4	8.6	12.8
130	23.8	19.6	29.4

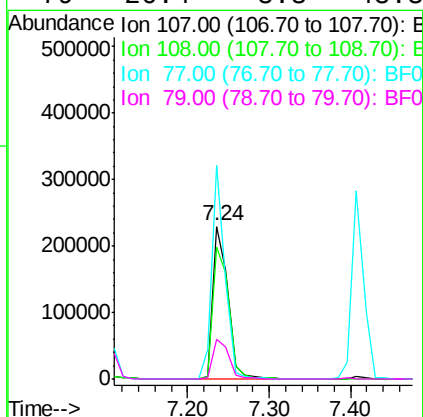
Manual Integrations
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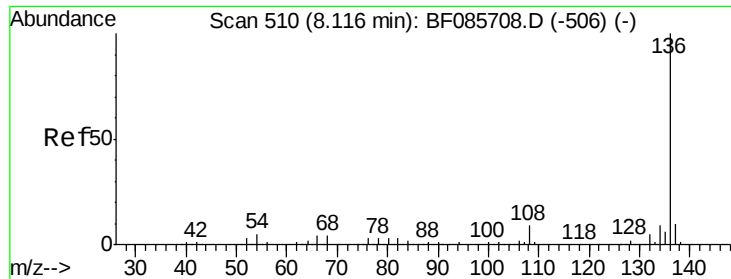
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#20
3+4-Methylphenols
Concen: 37.66 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.3	69.3	109.3
77	140.2	101.7	141.7
79	26.4	8.3	48.3





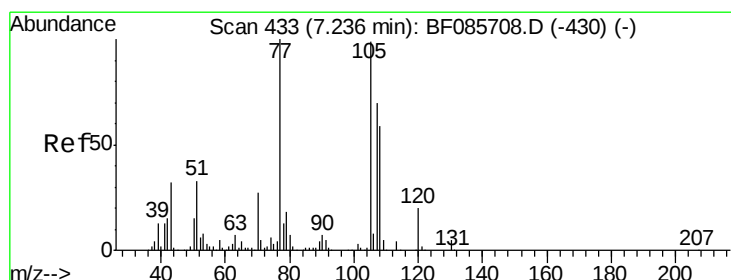
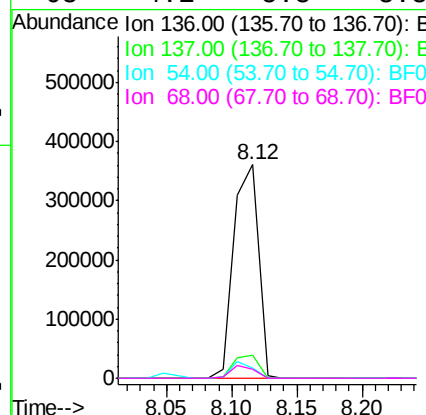
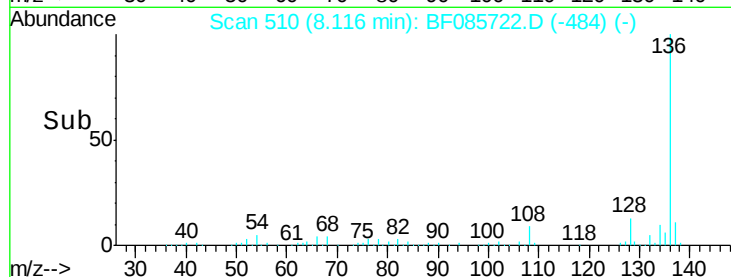
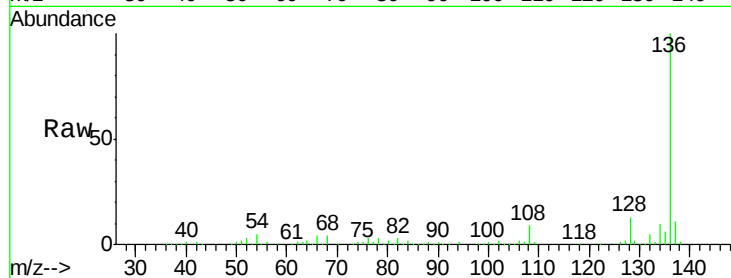
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.9	7.4	11.0#
68	4.1	5.8	8.8#

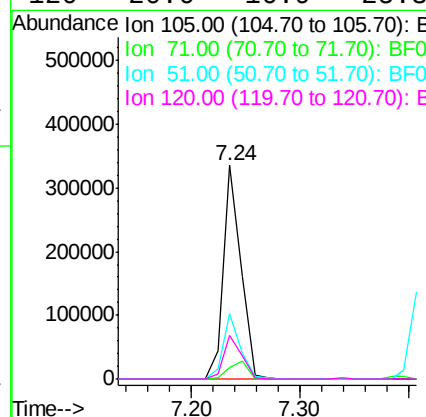
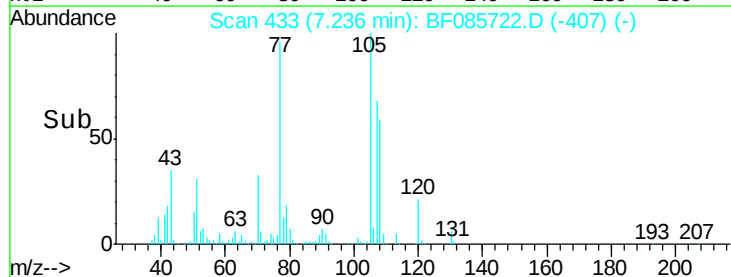
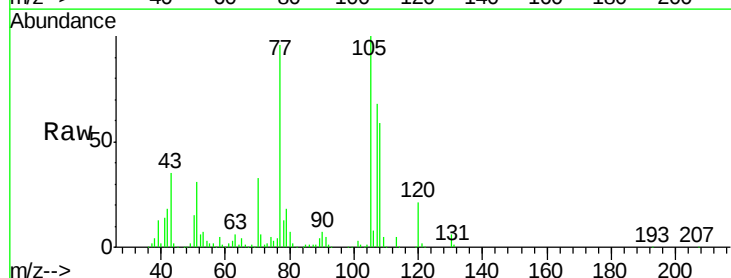
Manual Integrations
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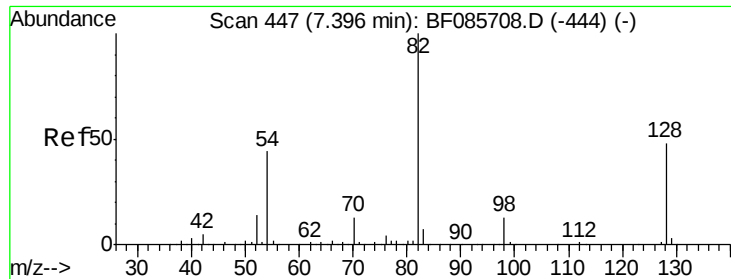
Sohil
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#22
Acetophenone
Concen: 34.27 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	3.6	5.4#
51	30.9	25.4	38.0
120	20.6	16.9	25.3





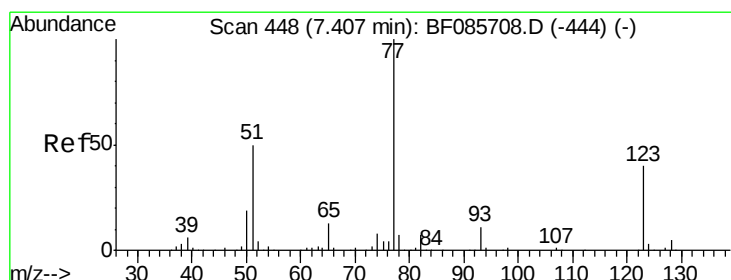
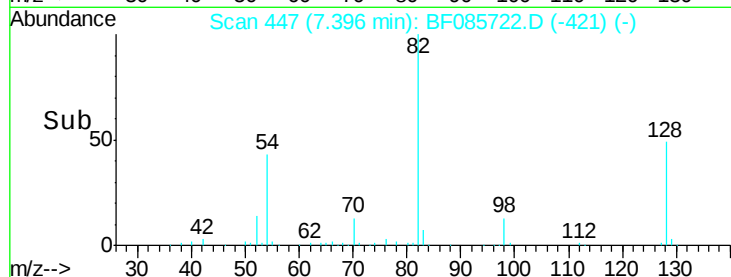
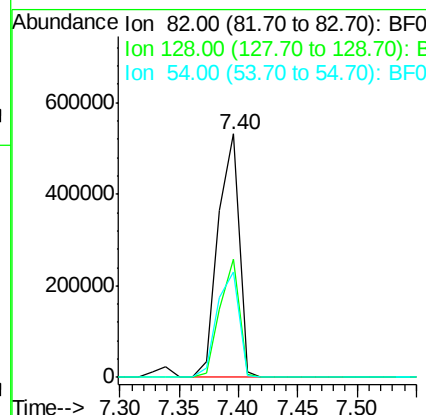
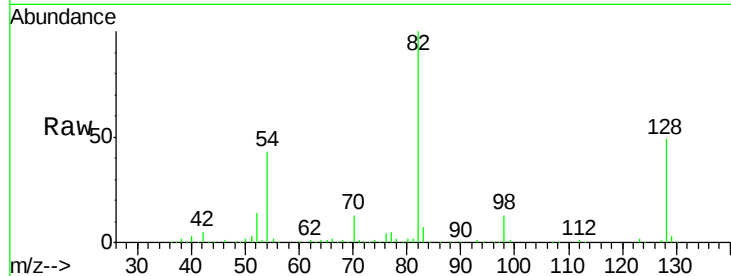
#23
 Nitrobenzene-d5
 Concen: 77.27 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	650187		
128	48.5	41.8	62.8	
54	43.2	33.4	50.0	

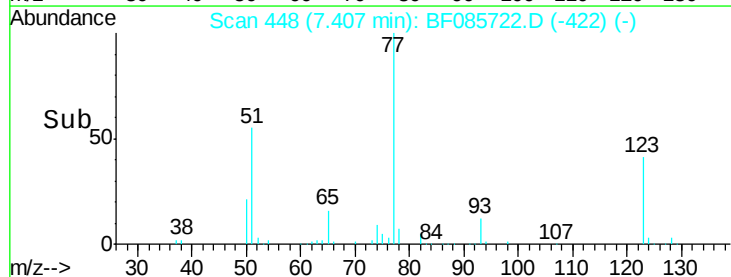
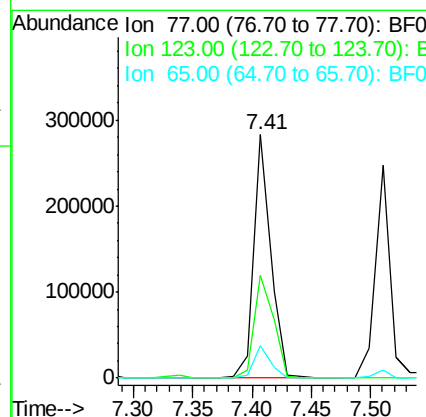
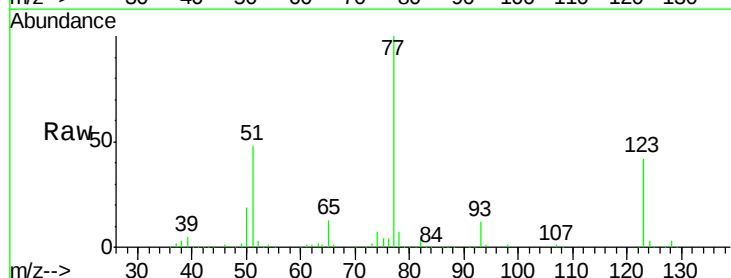
Manual Integrations
 APPROVED

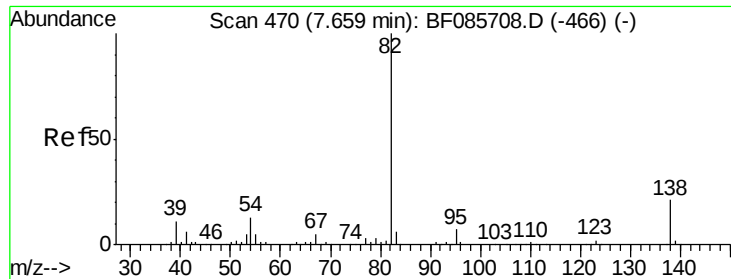
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#24
 Nitrobenzene
 Concen: 32.66 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	283296		
123	42.2	35.0	52.4	
65	13.2	10.6	16.0	





#25

Isophorone

Concen: 35.36 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085722.D

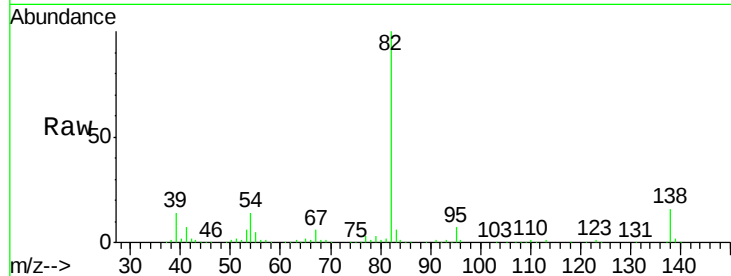
Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleID :

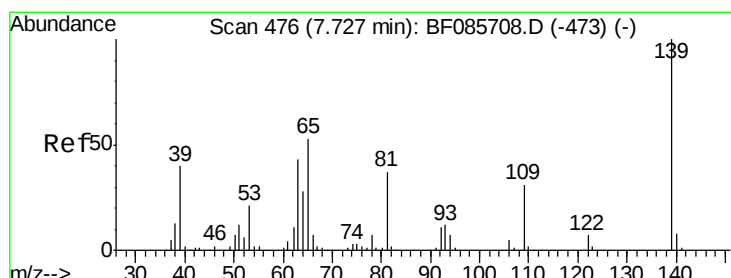
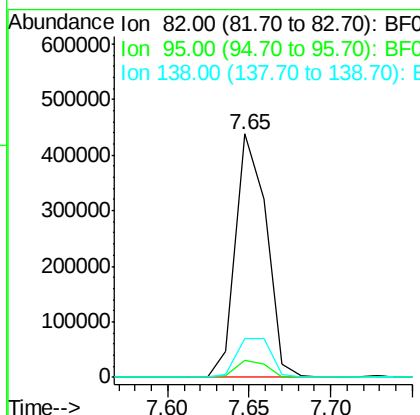
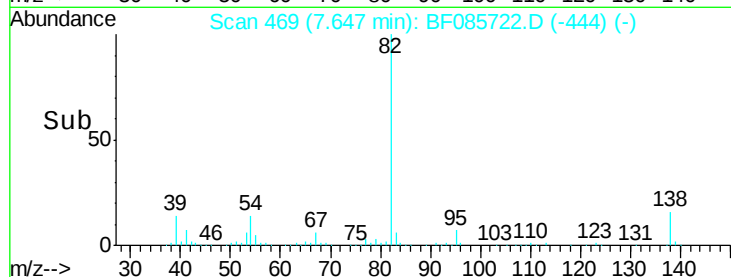
PB89173BS



Tgt Ion	82	95	138
Ratio	100	6.9	15.7
Lower		5.4	12.9
Upper		8.2	19.3

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#26

2-Nitrophenol

Concen: 35.45 ng

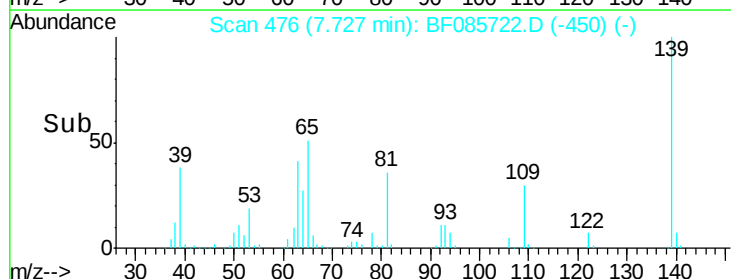
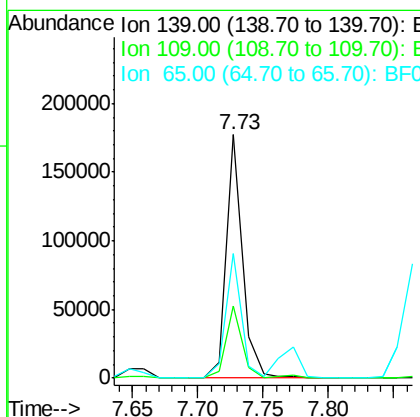
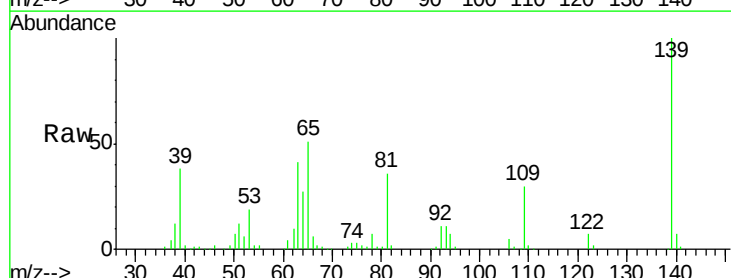
RT: 7.73 min Scan# 476

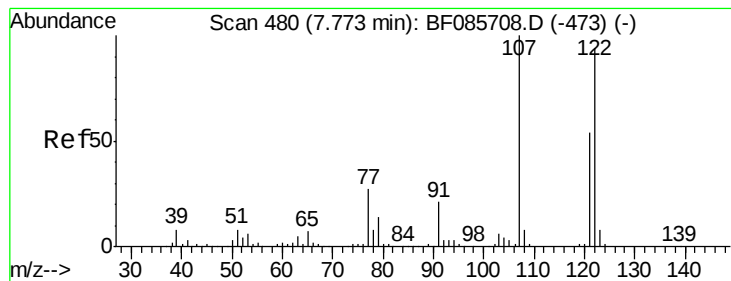
Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion	139	109	65
Ratio	100	29.6	51.0
Lower		22.1	33.9
Upper		33.1	50.9





#27

2,4-Dimethylphenol

Concen: 40.16 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085722.D

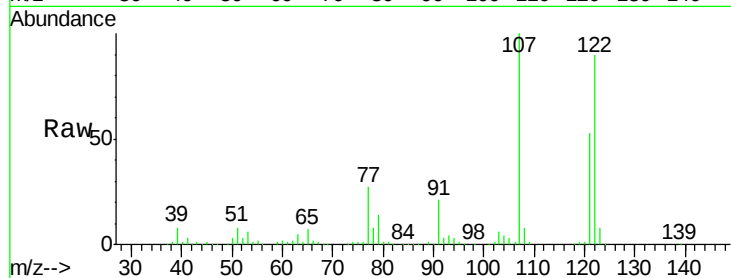
Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

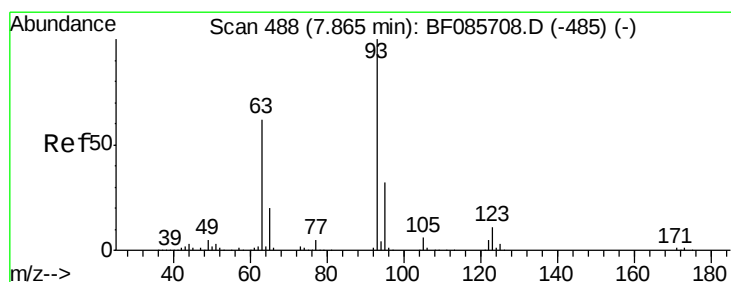
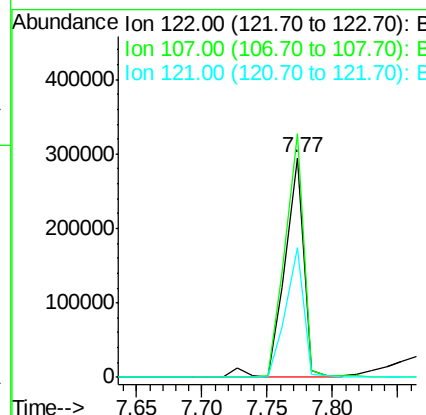
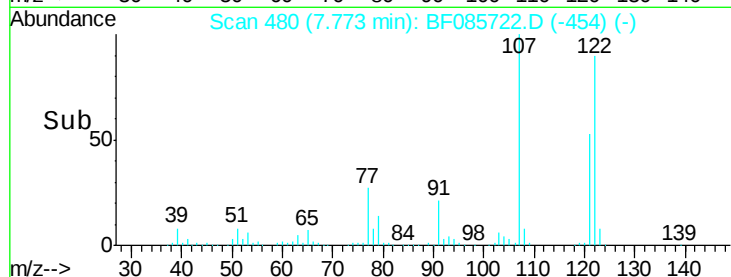
PB89173BS



Tgt Ion:	122	Resp:	304622
Ion Ratio	Lower	Upper	
122	100		
107	110.8	93.0	139.6
121	59.0	45.9	68.9

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3/25/2016 3:04:29 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.95 ng

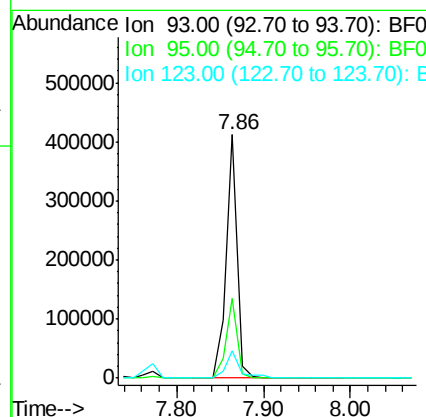
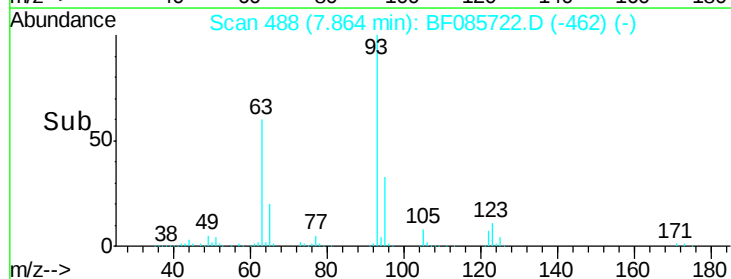
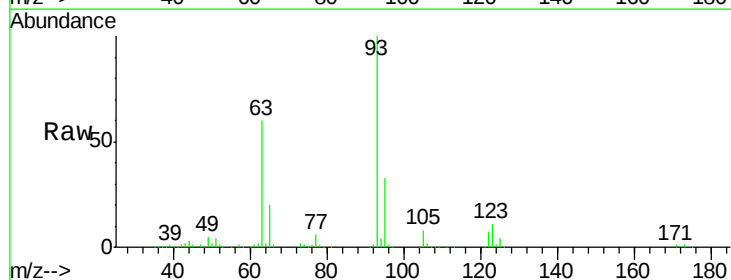
RT: 7.86 min Scan# 488

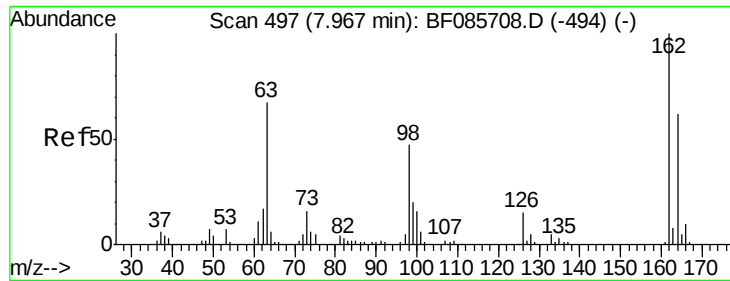
Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	93	Resp:	368946
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	11.5	9.8	14.6





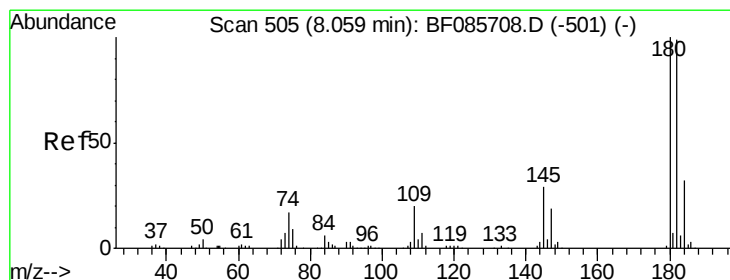
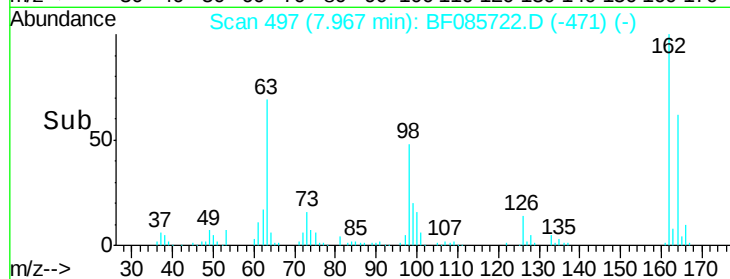
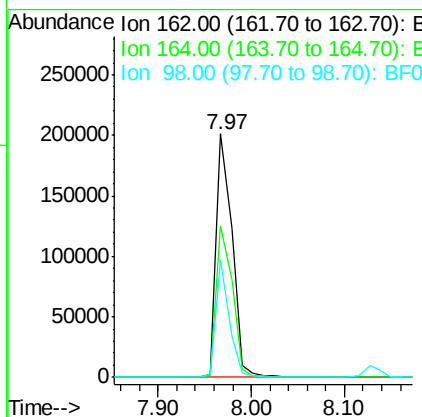
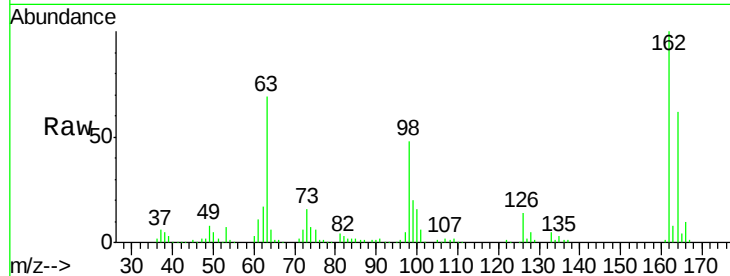
#29
 2,4-Dichlorophenol
 Concen: 36.97 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	235760		
164	62.1	43.7	83.7	
98	47.9	20.4	60.4	

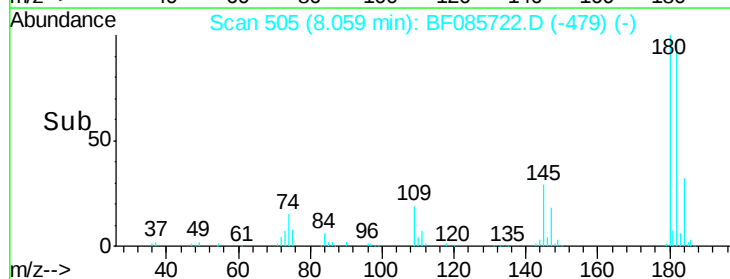
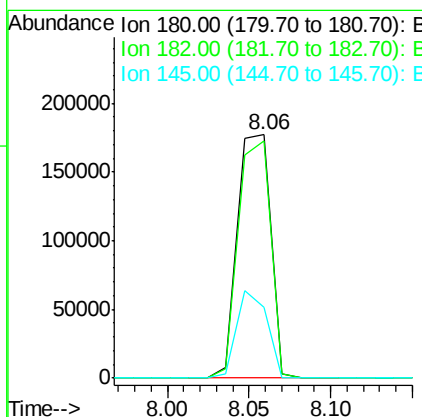
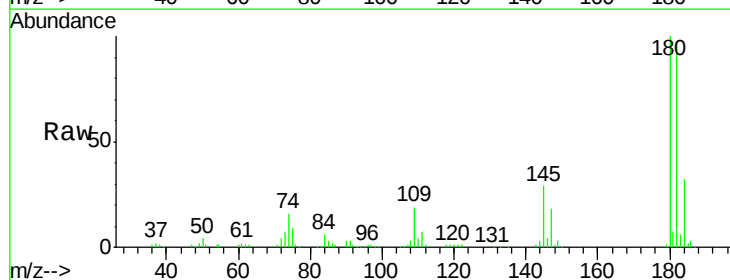
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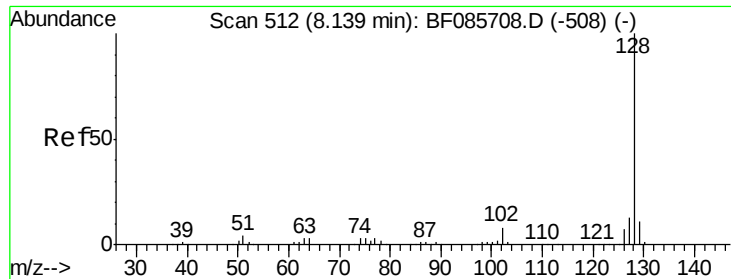
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.15 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248813		
182	97.2	73.8	110.8	
145	29.1	28.4	42.6	





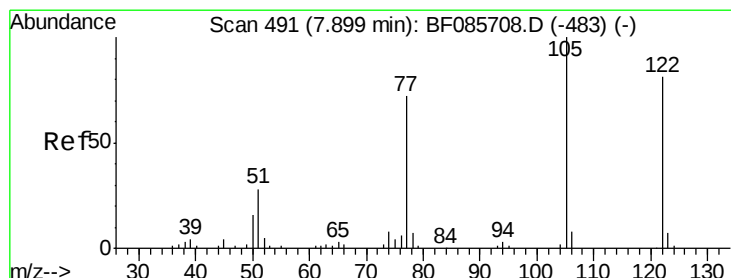
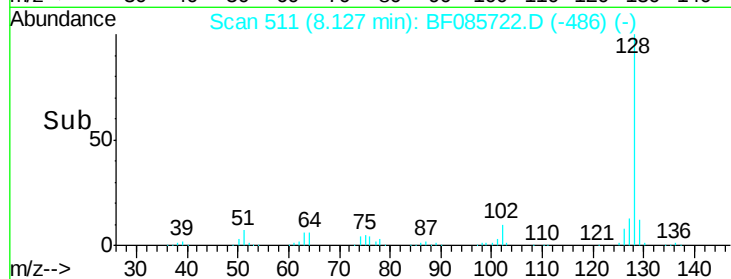
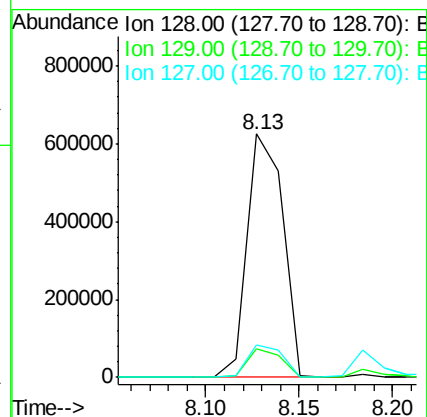
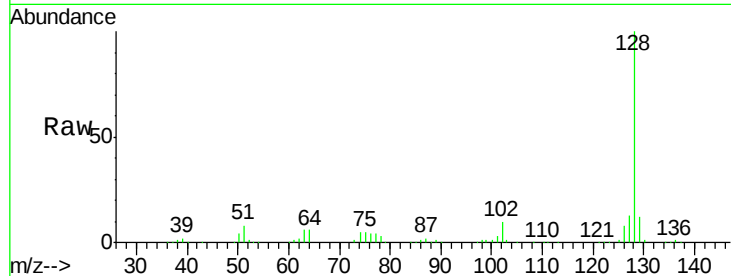
#31
Naphthalene
Concen: 34.84 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	831917		
129	11.7	9.4	14.0	
127	13.2	11.0	16.6	

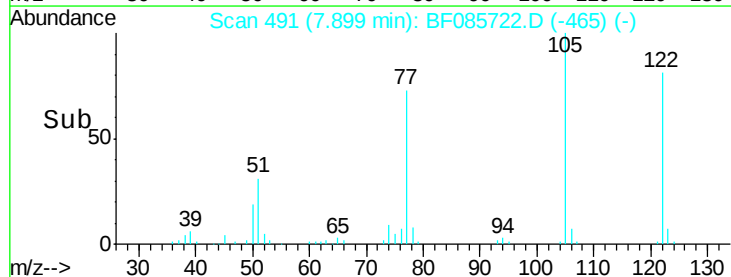
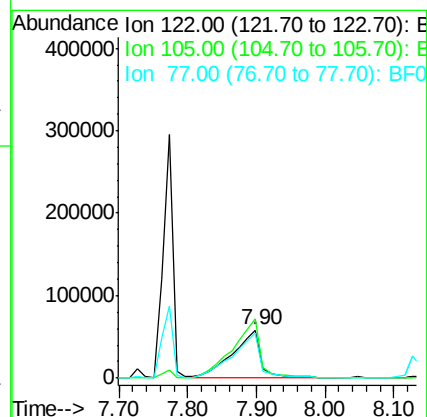
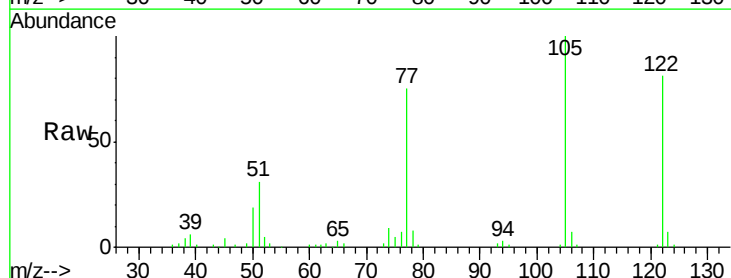
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#32
Benzoic acid
Concen: 33.21 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	167317		
105	122.9	102.9	142.9	
77	92.1	71.8	111.8	





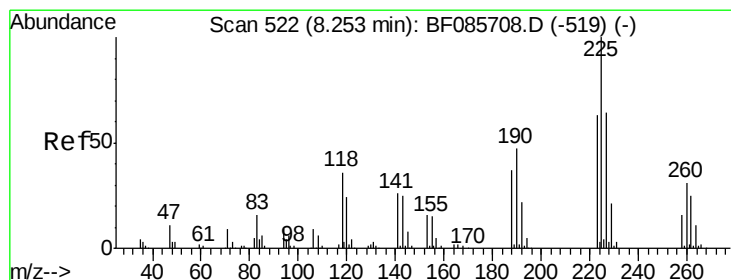
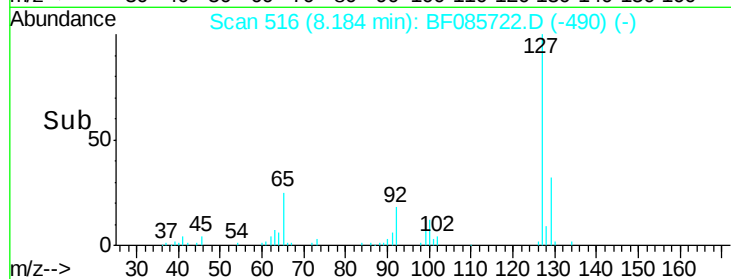
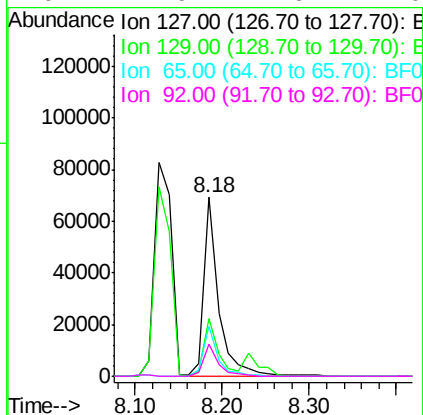
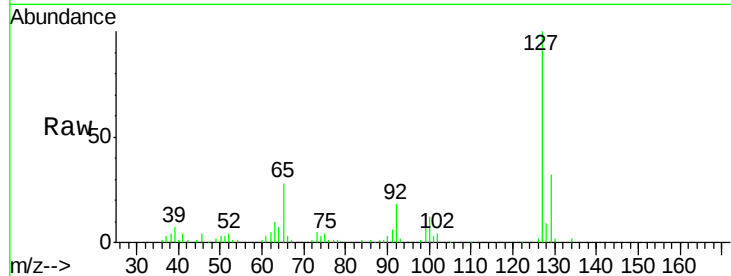
#33
4-Chloroaniline
Concen: 8.44 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion:	127	Resp:	82320
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.1	39.1
65	27.9	19.5	29.3
92	17.9	14.6	22.0

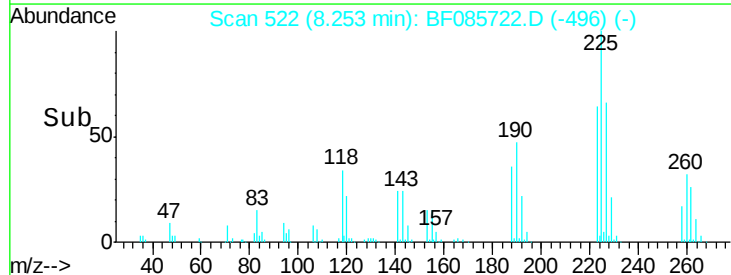
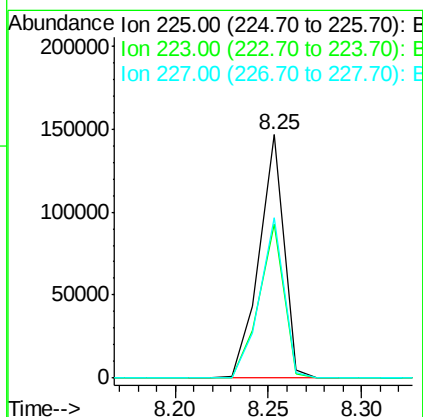
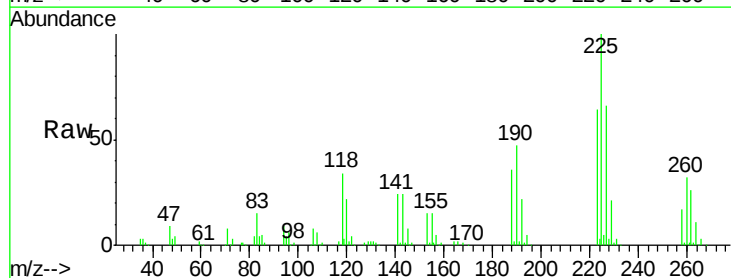
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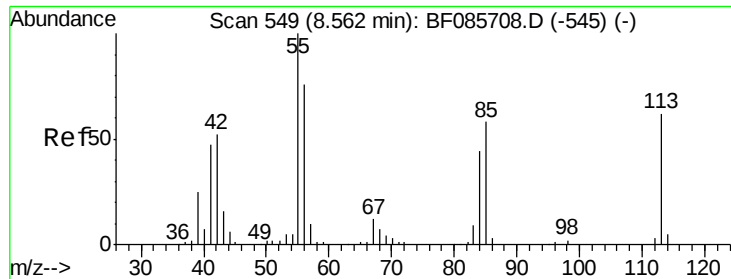
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#34
Hexachlorobutadiene
Concen: 34.78 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion:	225	Resp:	133808
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.4	75.6
227	65.7	51.4	77.2





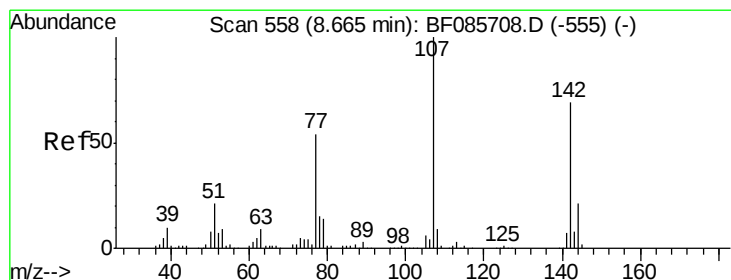
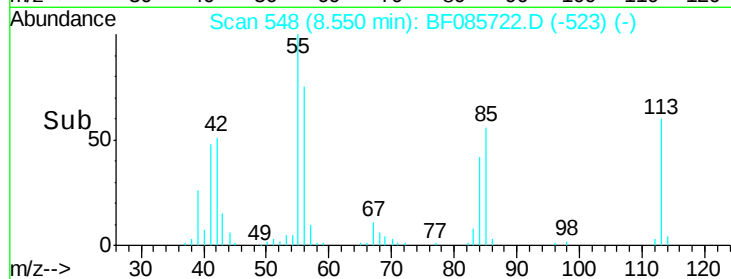
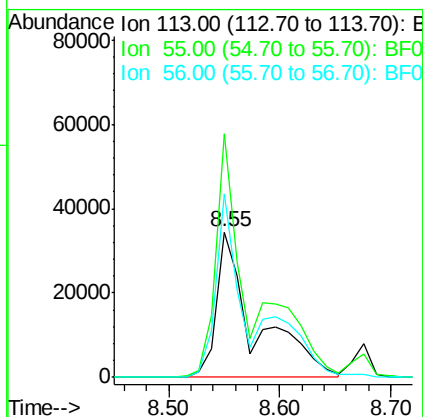
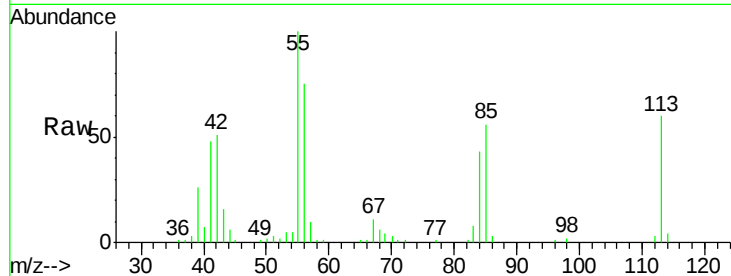
#35
 Caprolactam
 Concen: 36.67 ng m
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	82818		
55	167.5	139.4	179.4	
56	125.9	100.4	140.4	

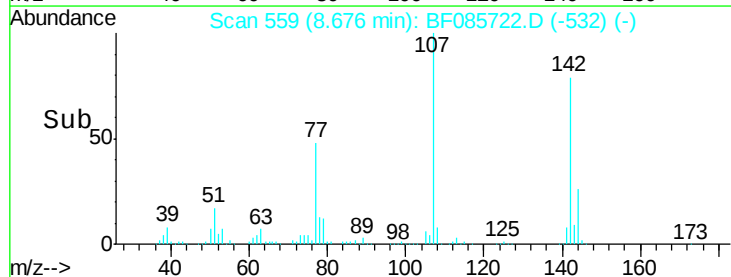
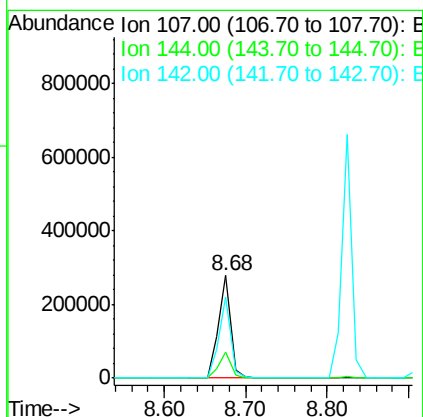
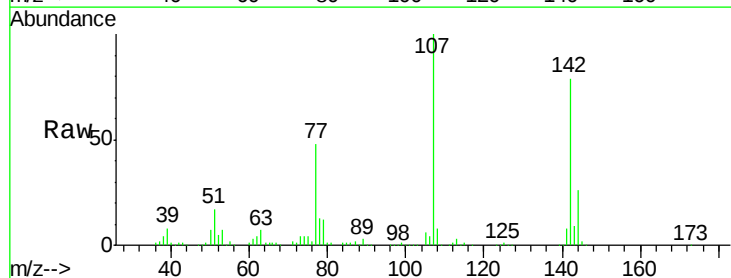
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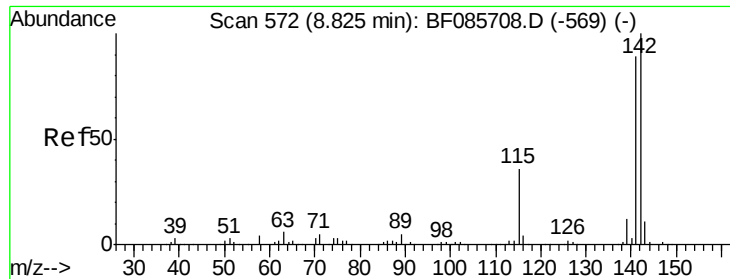
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#36
 4-Chloro-3-methylphenol
 Concen: 39.01 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	290557		
144	25.5	19.3	28.9	
142	79.4	61.4	92.0	





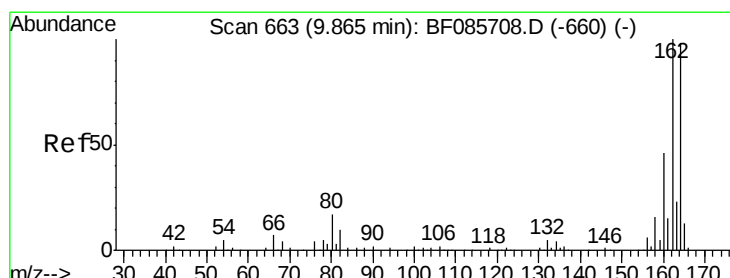
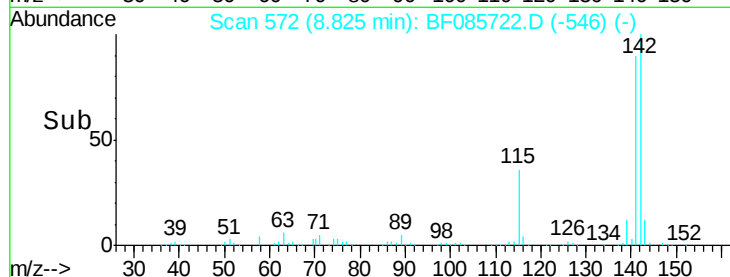
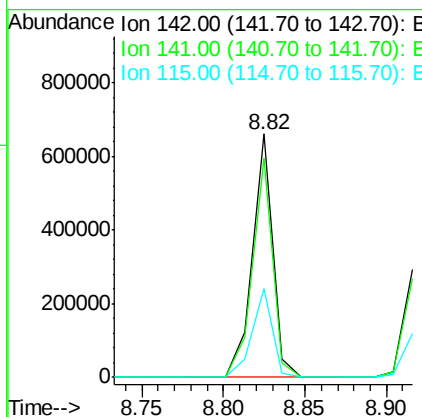
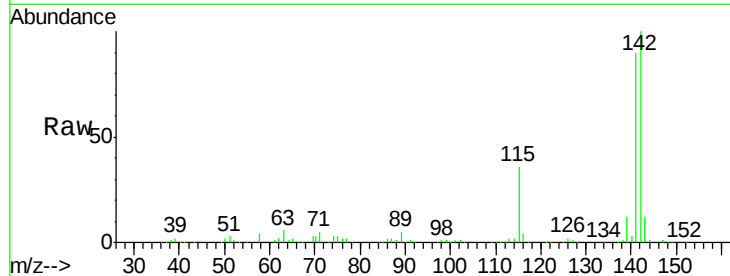
#37
 2-Methylnaphthalene
 Concen: 40.37 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	576211		
141	90.0	71.6	107.4	
115	36.3	26.8	40.2	

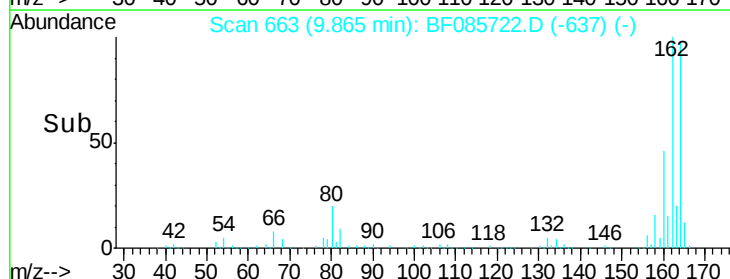
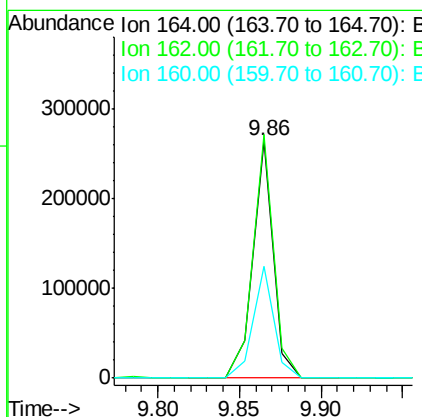
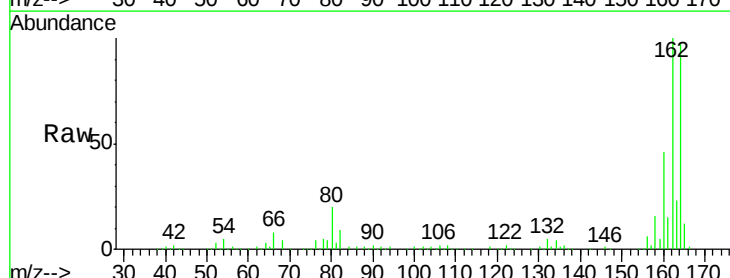
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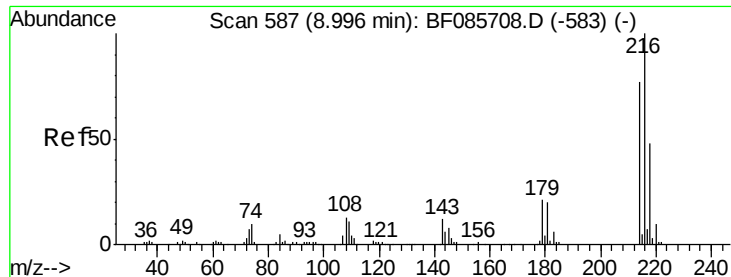
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230345		
162	102.6	82.1	123.1	
160	47.1	37.4	56.2	





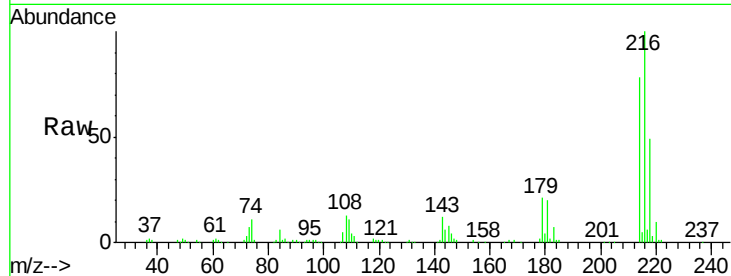
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.09 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

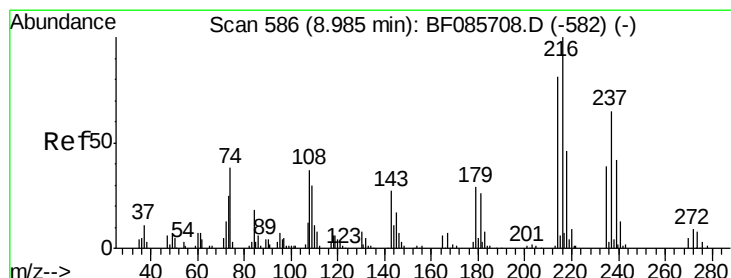
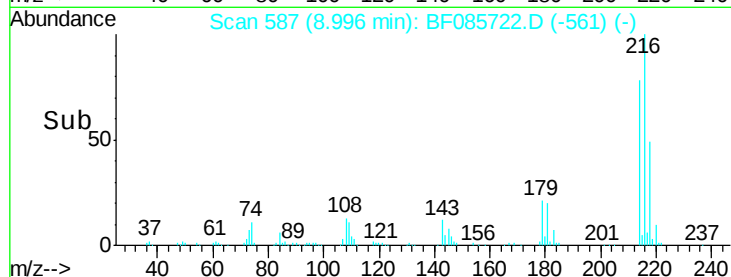
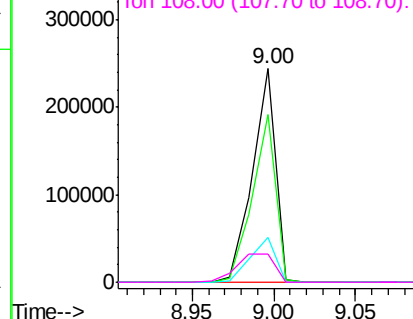
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	239658		
214	79.2	63.1	94.7	
179	22.7	18.2	27.2	
108	21.9	17.3	25.9	

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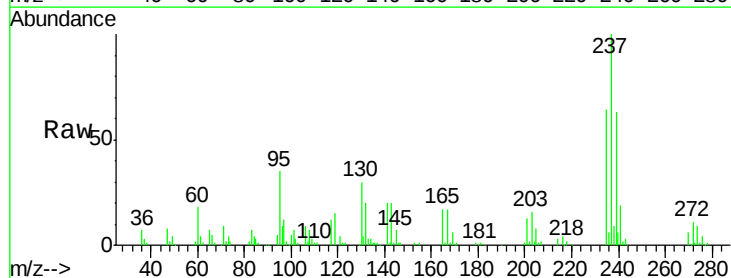


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

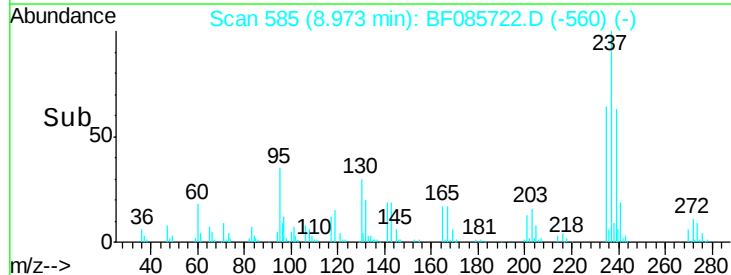
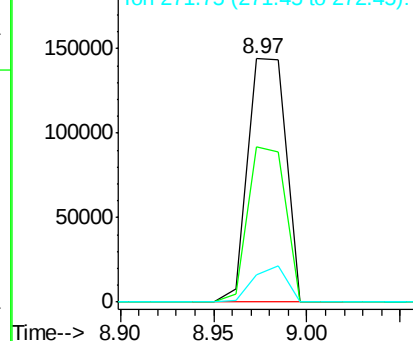


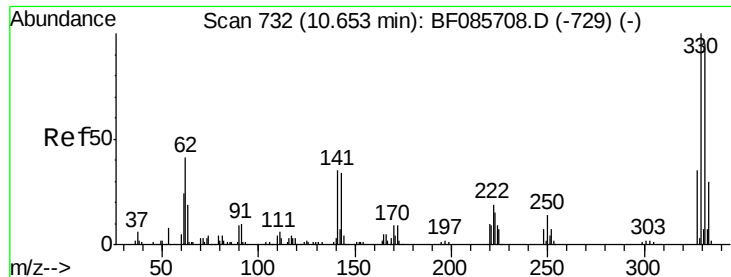
#40
 Hexachlorocyclopentadiene
 Concen: 72.32 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	203051		
235	64.0	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





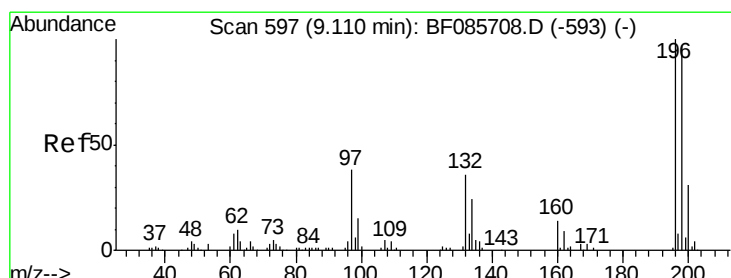
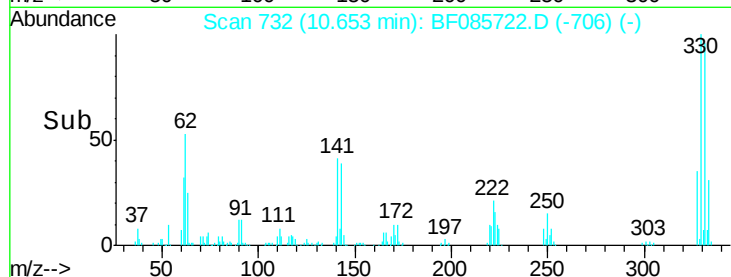
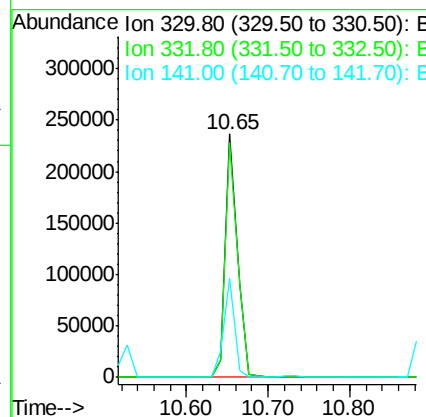
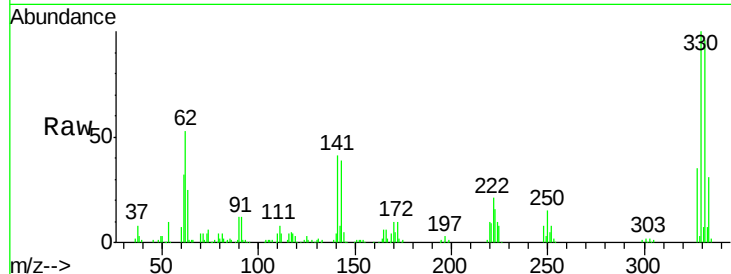
#41
 2,4,6-Tribromophenol
 Concen: 110.12 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	240996		
332	97.2	78.2	117.2	
141	37.3	31.5	47.3	

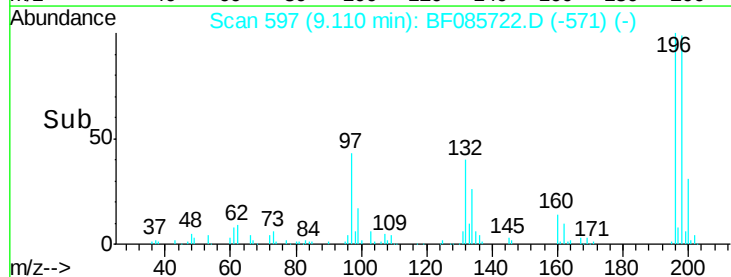
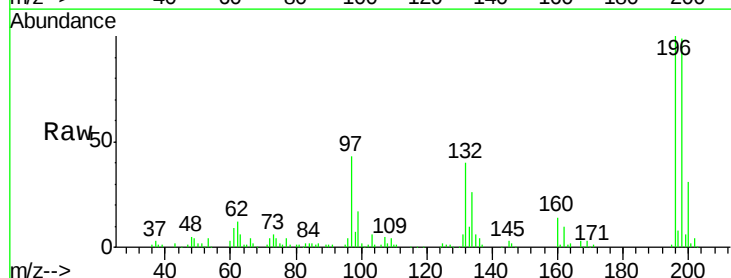
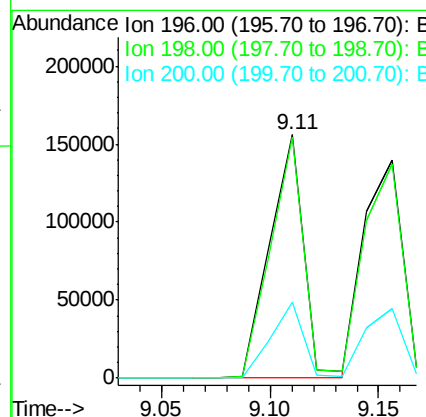
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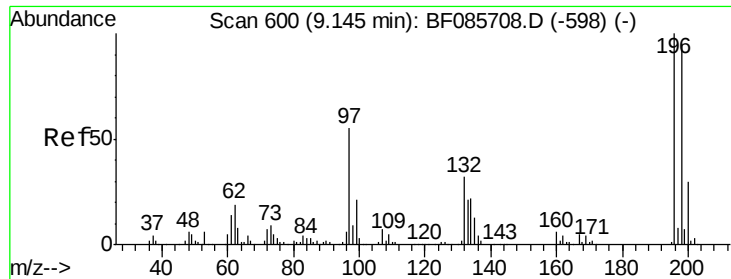
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#42
 2,4,6-Trichlorophenol
 Concen: 36.88 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170154		
198	99.1	75.3	112.9	
200	31.3	23.7	35.5	





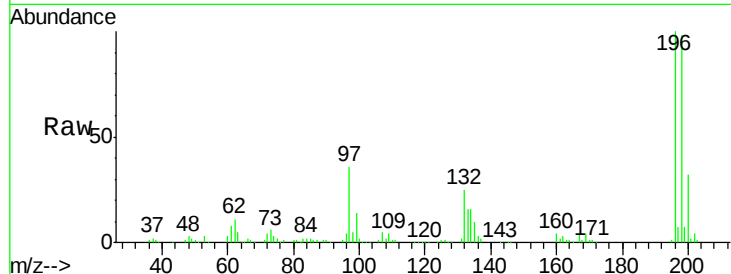
#43
 2,4,5-Trichlorophenol
 Concen: 36.95 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

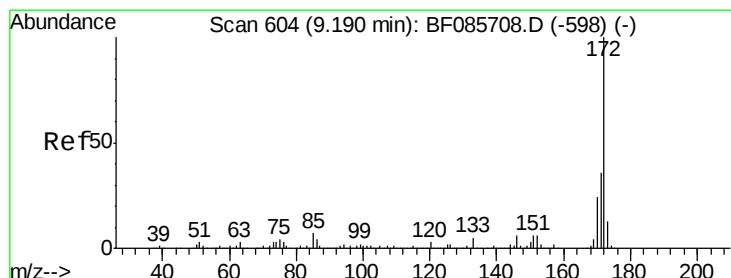
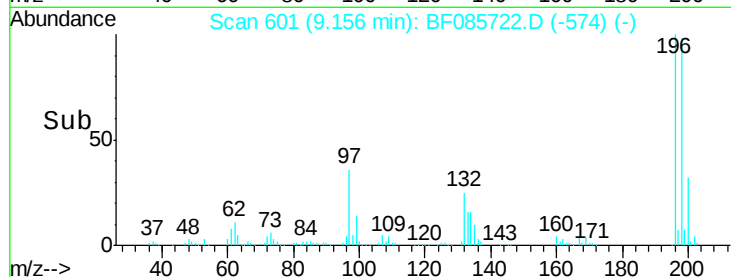
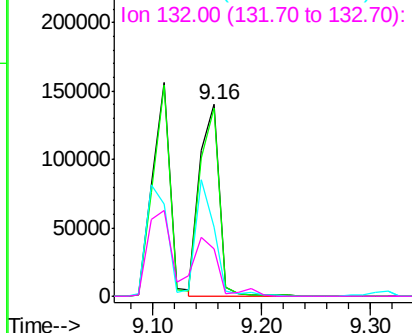
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178777		
198	98.1	76.6	114.8	
97	36.4	30.5	45.7	
132	24.6	20.2	30.2	

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 3/25/2016 3:04:29 PM

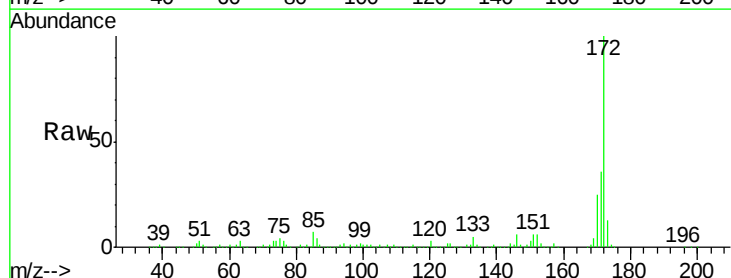


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

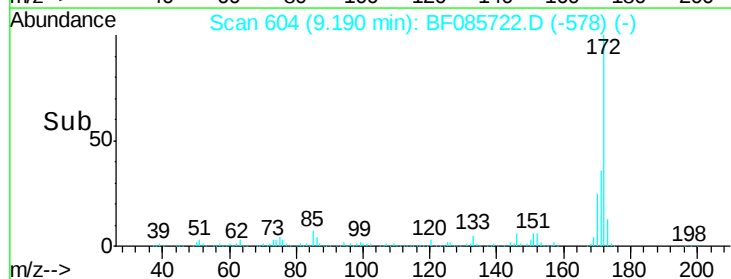
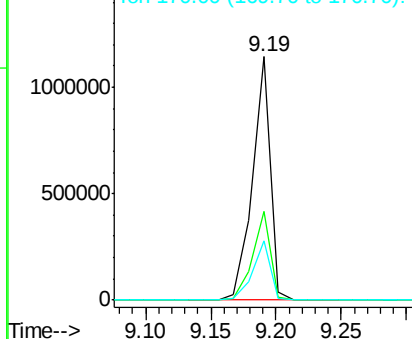


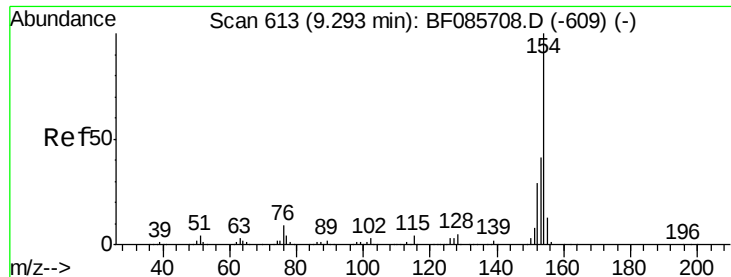
#44
 2-Fluorobiphenyl
 Concen: 78.93 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1088264		
171	36.3	29.4	44.2	
170	24.5	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.05 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

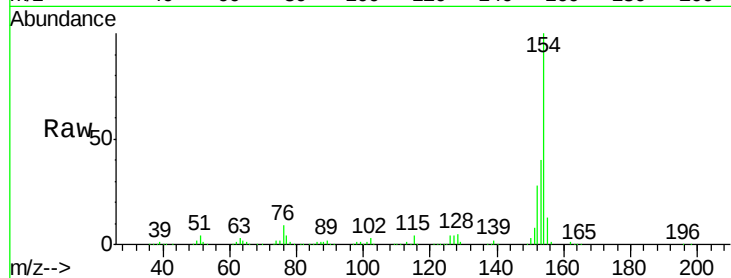
ClientSampleId :

PB89173BS

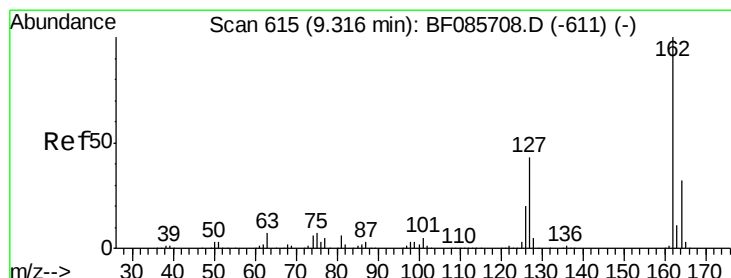
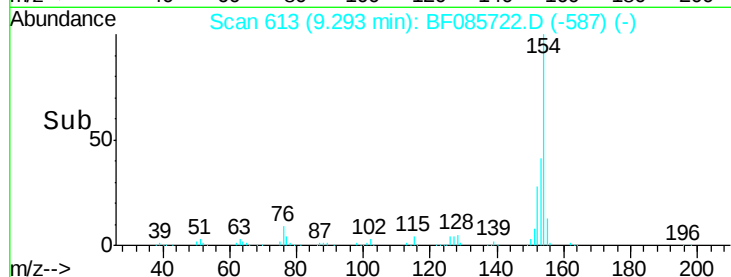
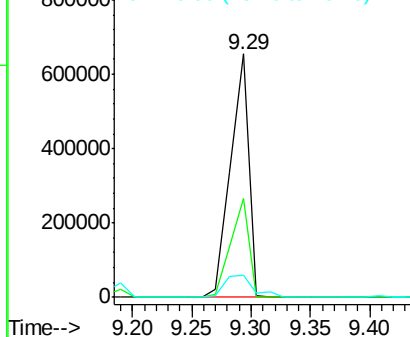
Tgt Ion:	154	Resp:	700703
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.8	60.8
76	9.1	0.0	36.7

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3/25/2016 3:04:29 PM



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: 37.79 ng

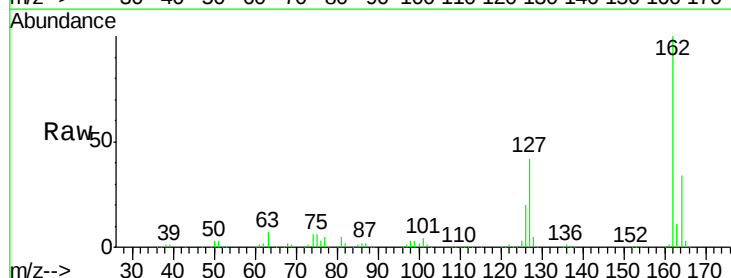
RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

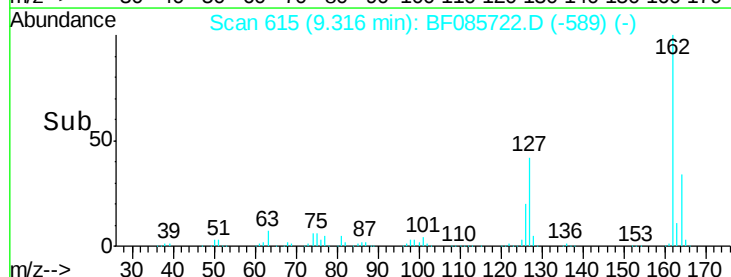
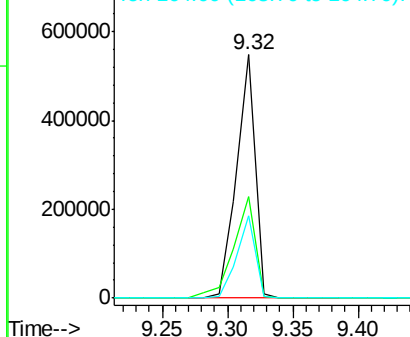
Lab File: BF085722.D

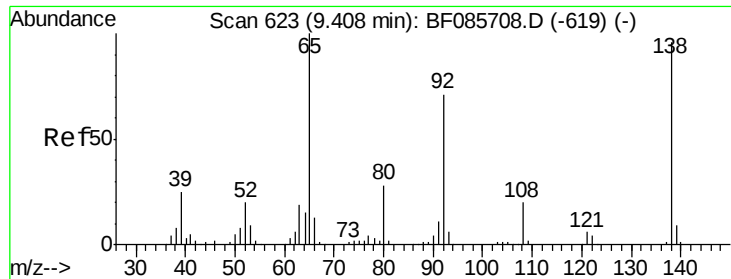
Acq: 24 Mar 2016 19:14

Tgt Ion:	162	Resp:	540085
Ion Ratio	Lower	Upper	
162	100		
127	41.6	31.7	47.5
164	33.6	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





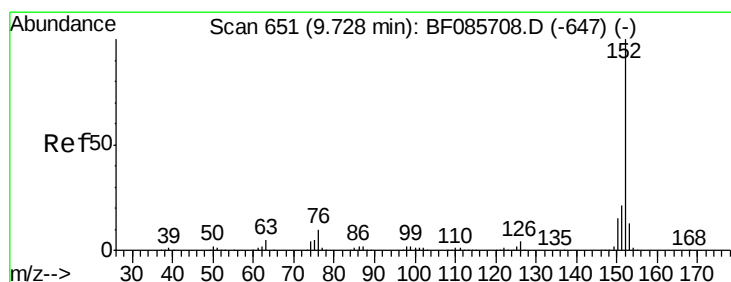
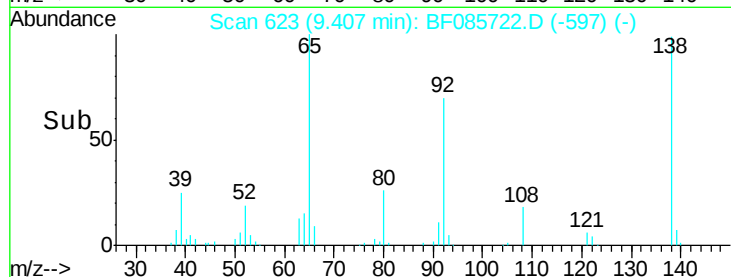
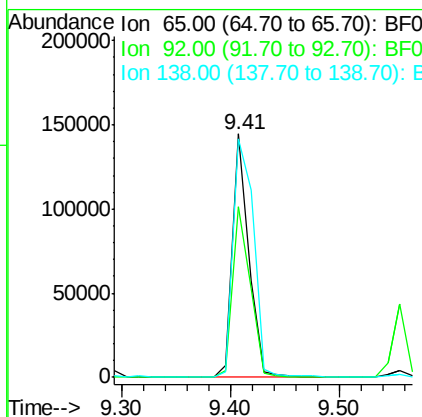
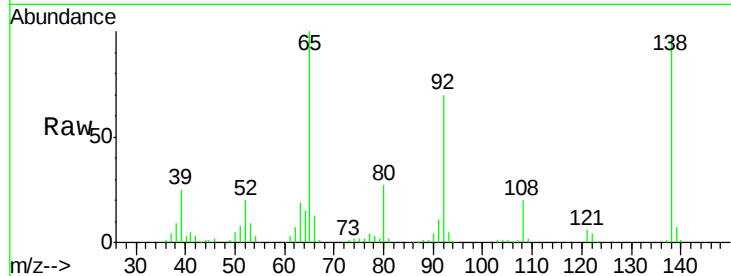
#47
2-Nitroaniline
Concen: 33.97 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	59.7	89.5
138	97.7	91.4	137.0

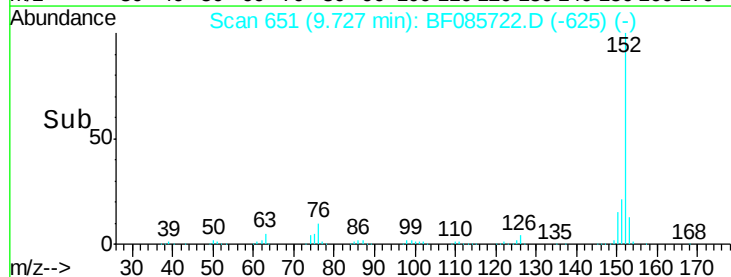
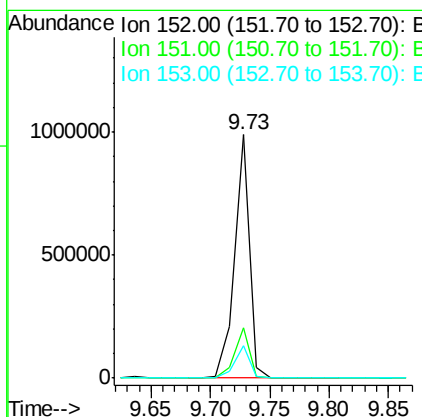
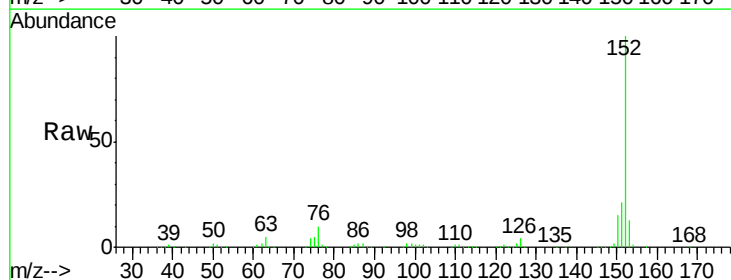
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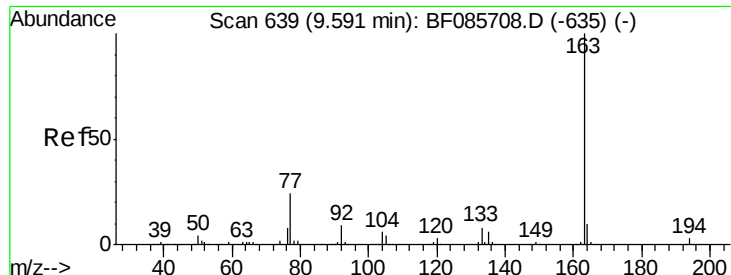
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3/25/2016 3:04:29 PM



#48
Acenaphthylene
Concen: 36.90 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

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





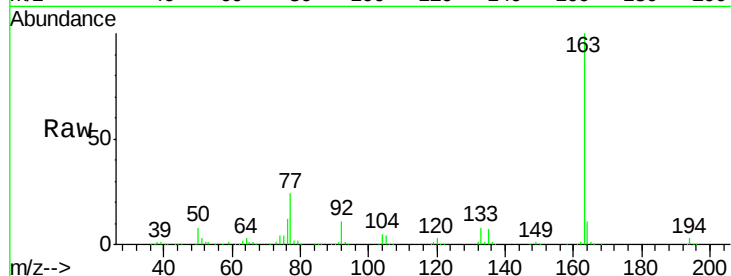
#49
Dimethylphthalate
Concen: 34.12 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

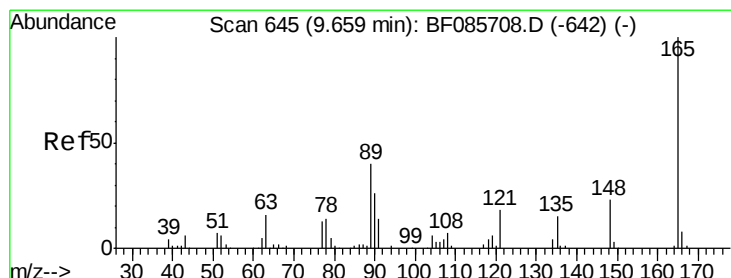
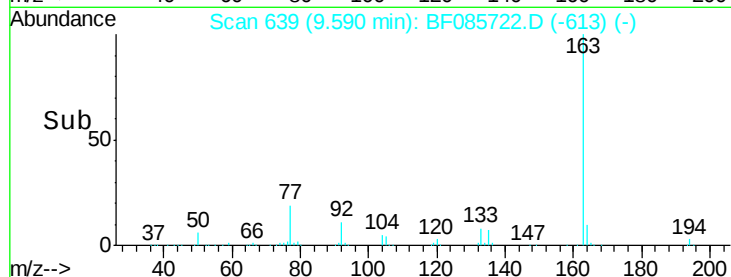
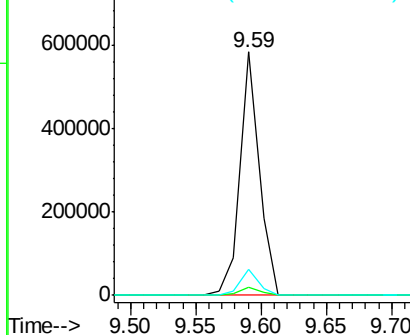
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

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3/25/2016 3:04:29 PM

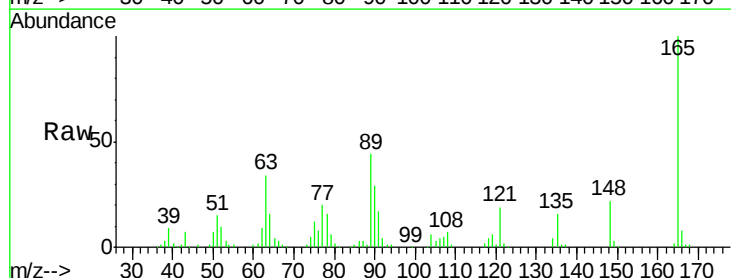


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

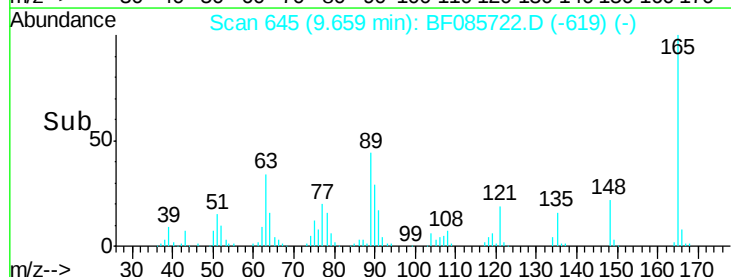
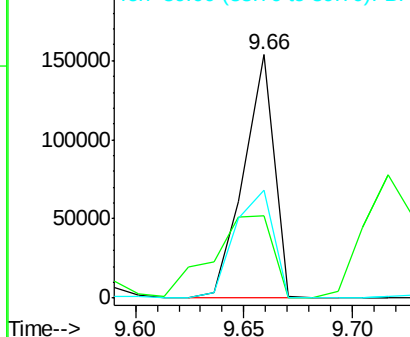


#50
2,6-Dinitrotoluene
Concen: 39.91 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	34.0	51.8	77.8#
89	44.5	53.7	80.5#



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





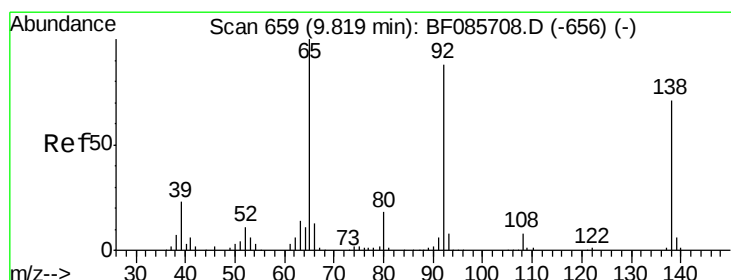
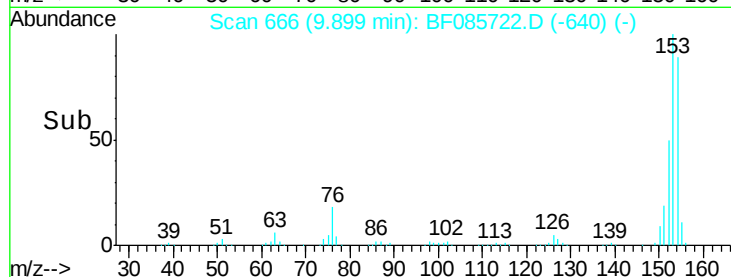
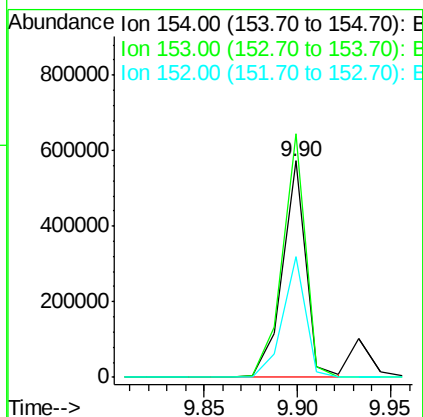
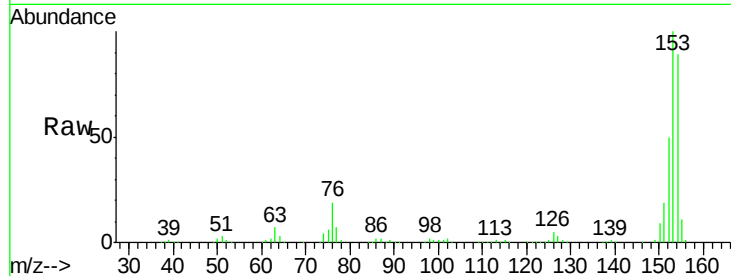
#51
Acenaphthene
Concen: 35.17 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	500325		
153	112.4	90.1	135.1	
152	55.7	44.2	66.2	

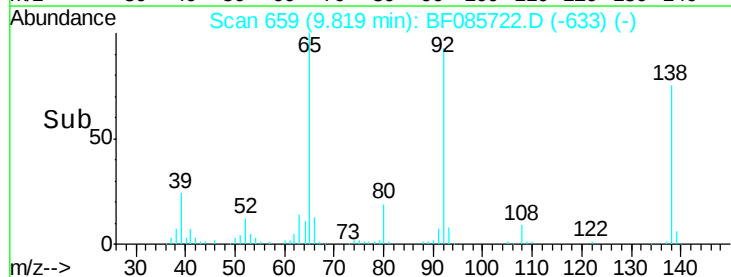
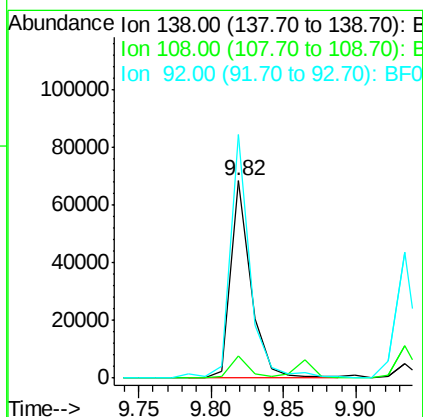
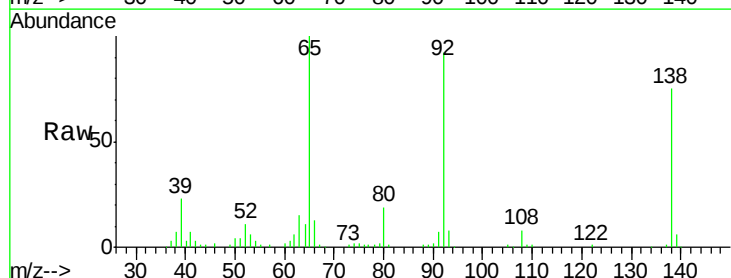
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3/25/2016 3:04:29 PM



#52
3-Nitroaniline
Concen: 15.50 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

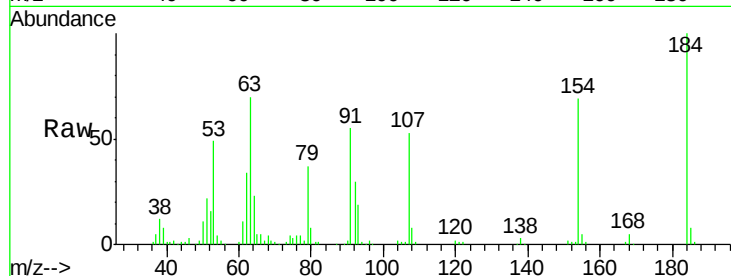
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	66746		
108	11.3	8.7	13.1	
92	123.3	93.3	139.9	





#53
 2,4-Dinitrophenol
 Concen: 74.19 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

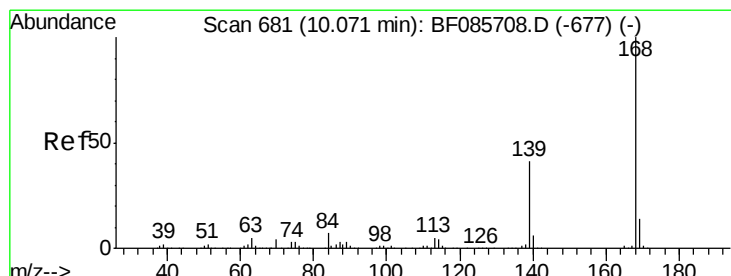
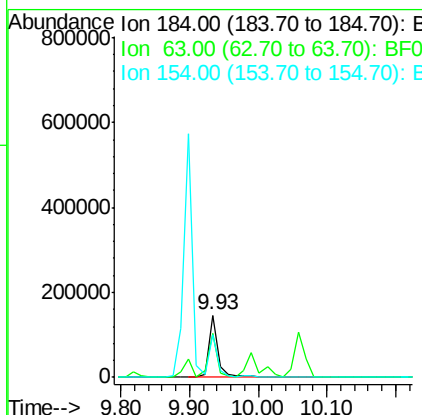
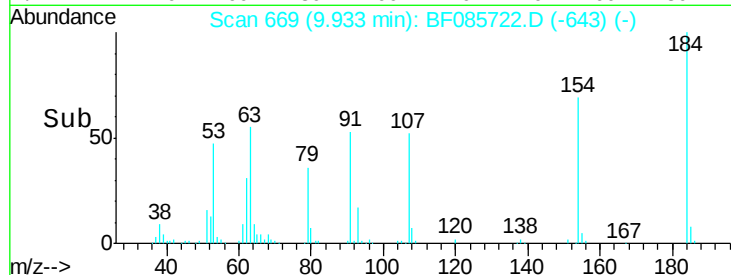
Instrument :
 BNA_F
 ClientSampled :
 PB89173BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	140099		
63	70.3	69.5	104.3	
154	69.1	58.3	87.5	

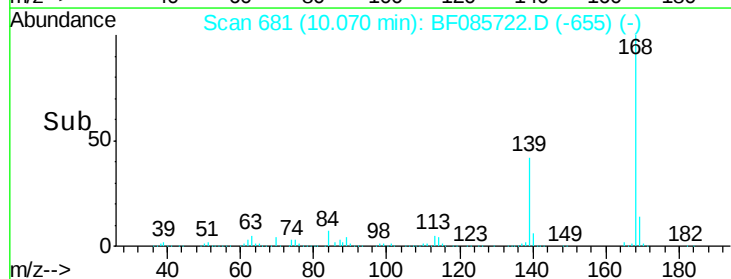
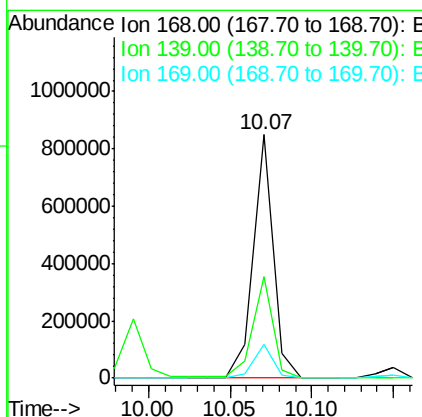
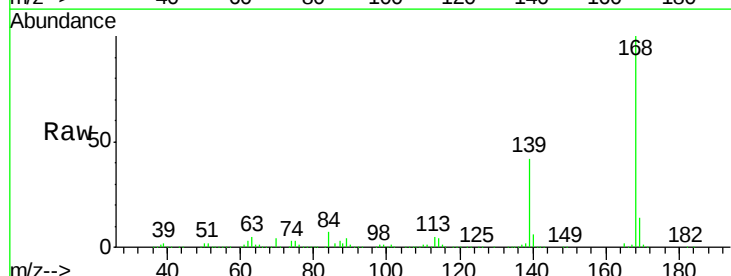
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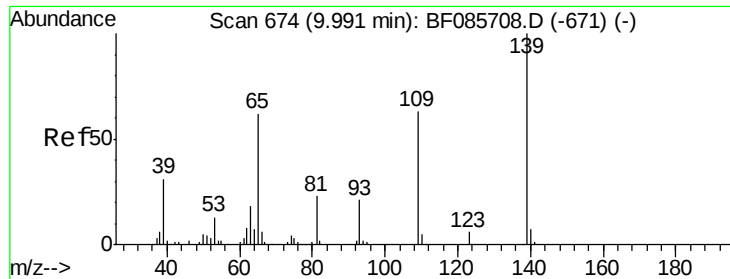
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 3/25/2016 3:04:29 PM



#54
 Dibenzofuran
 Concen: 39.47 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	726750		
139	41.8	31.9	47.9	
169	13.7	11.0	16.6	





#55

4-Nitrophenol

Concen: 70.16 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

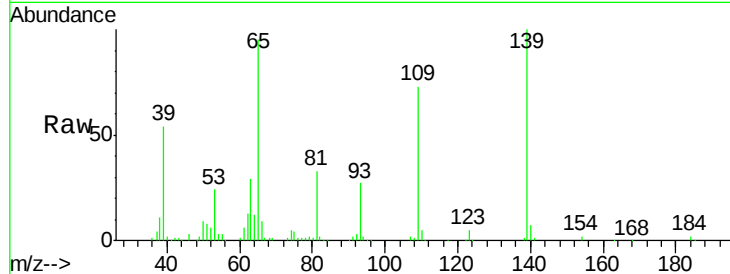
ClientSampleId :

PB89173BS

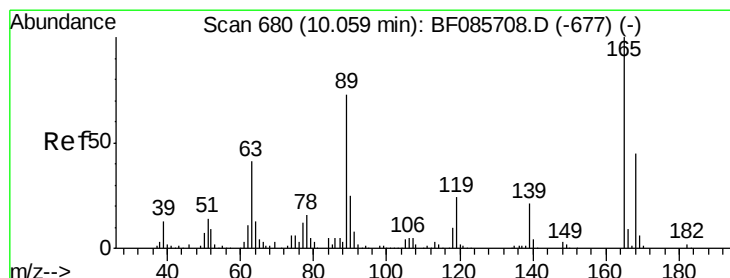
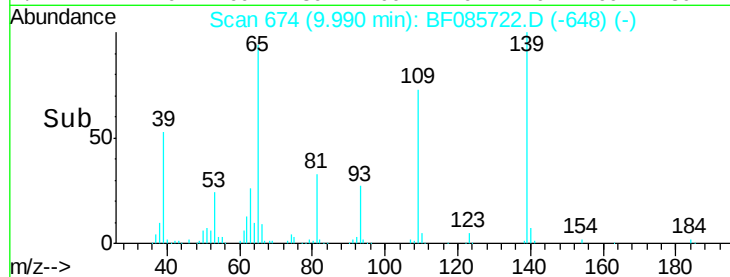
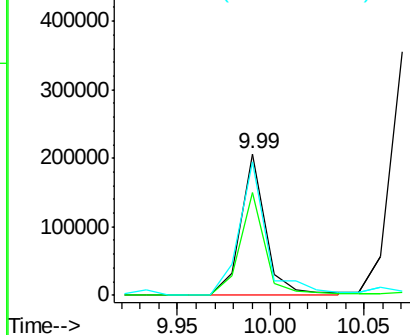
Tgt Ion:	139	Resp:	196801
Ion Ratio	Lower	Upper	
139	100		
109	72.5	49.2	89.2
65	94.6	66.9	106.9

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



#56

2,4-Dinitrotoluene

Concen: 37.30 ng

RT: 10.06 min Scan# 680

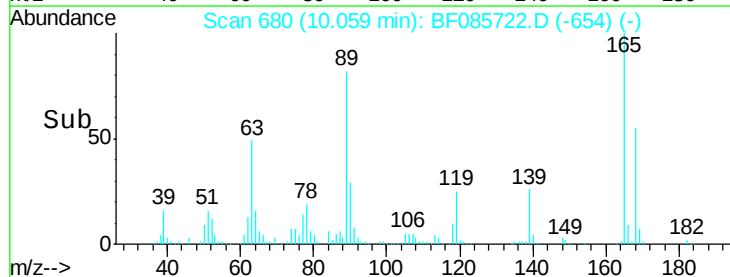
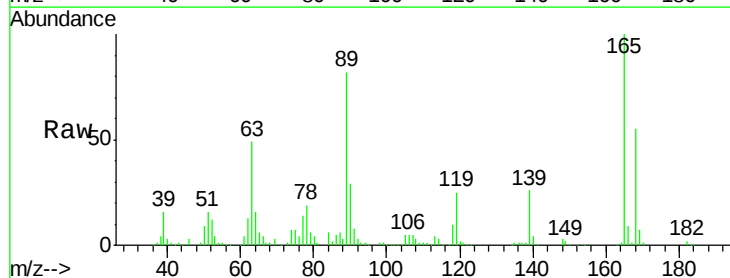
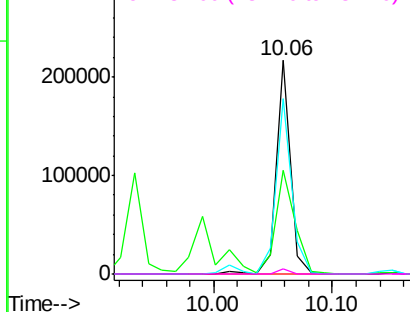
Delta R.T. -0.00 min

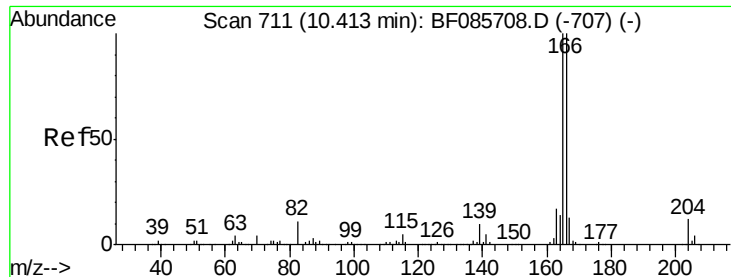
Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	165	Resp:	178318
Ion Ratio	Lower	Upper	
165	100		
63	48.6	24.9	37.3#
89	82.1	41.0	61.6#
182	2.3	2.1	3.1

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





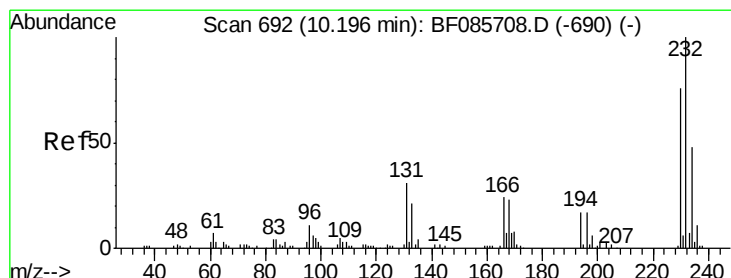
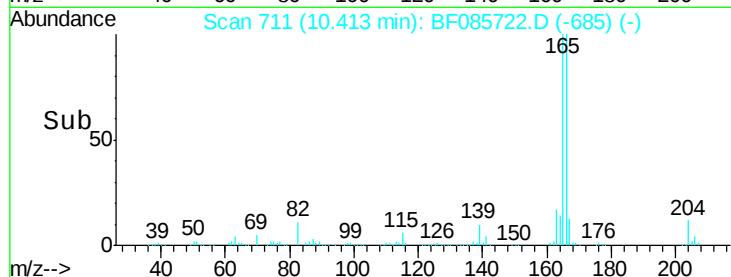
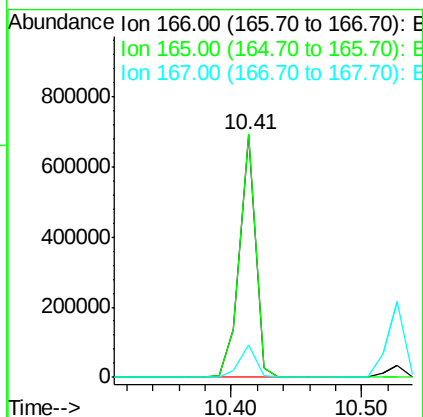
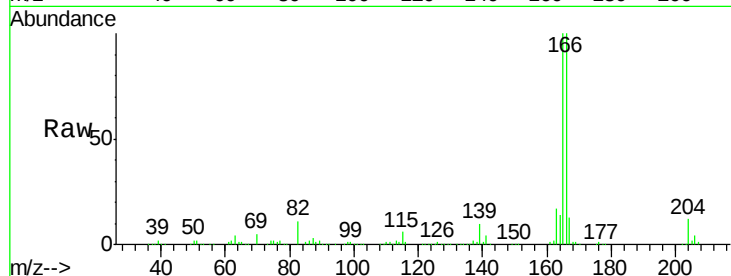
#57
Fluorene
 Concen: 38.69 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	592106		
165	100.4	79.4	119.0	
167	13.4	11.0	16.4	

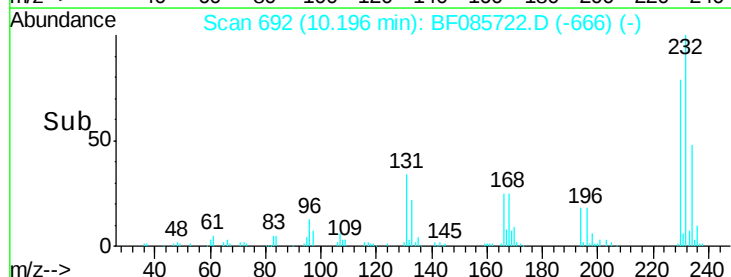
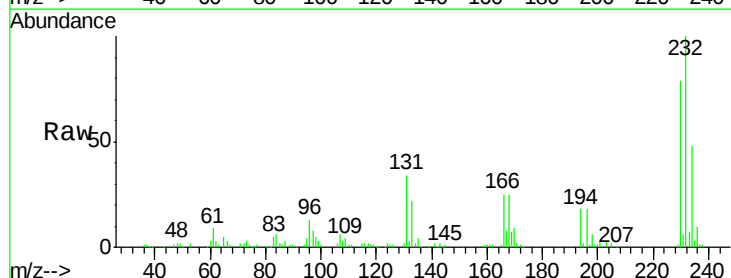
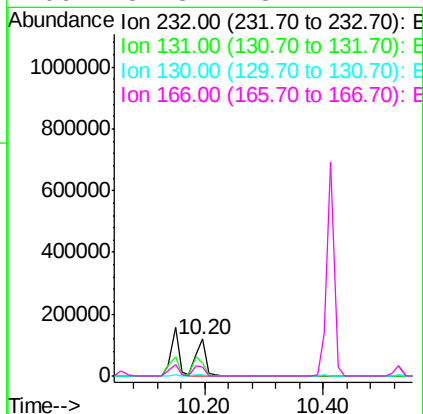
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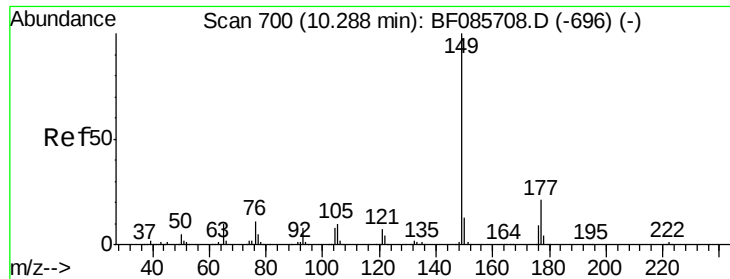
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.07 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	141467		
131	53.1	44.9	67.3	
130	2.7	2.3	3.5	
166	32.3	28.1	42.1	





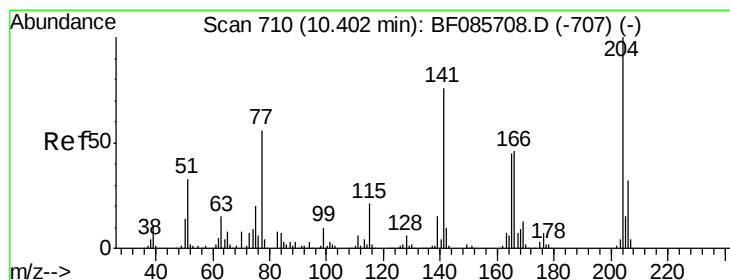
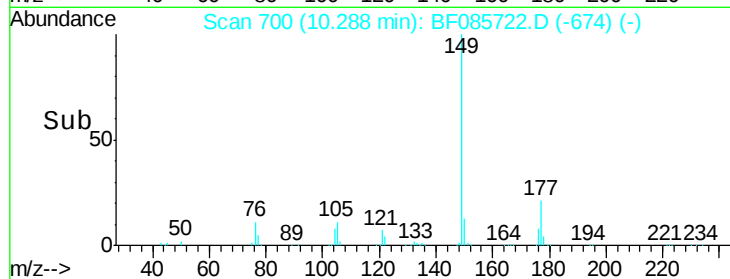
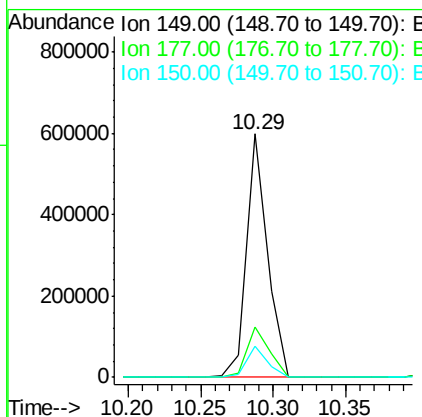
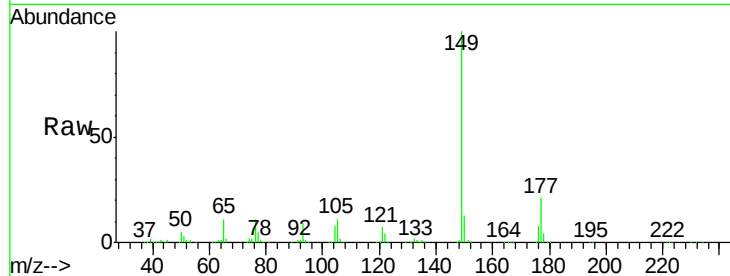
#59
Diethylphthalate
Concen: 34.60 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	597421		
177	20.6	17.9	26.9	
150	13.0	10.2	15.2	

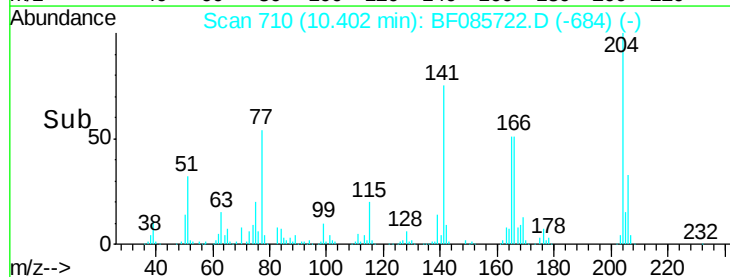
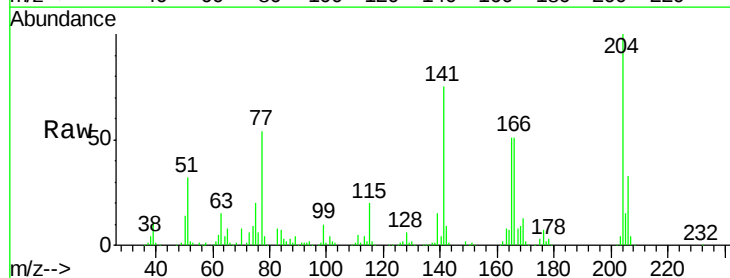
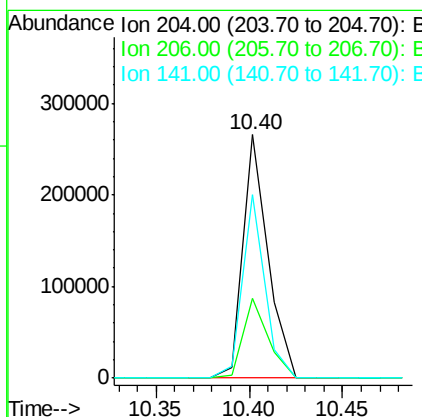
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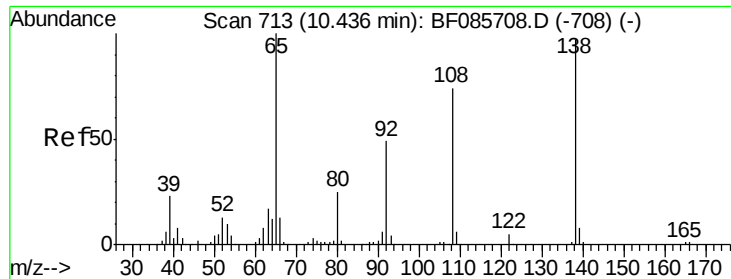
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#60
4-Chlorophenyl-phenylether
Concen: 33.10 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	247660		
206	33.0	26.6	39.8	
141	75.1	57.4	86.0	





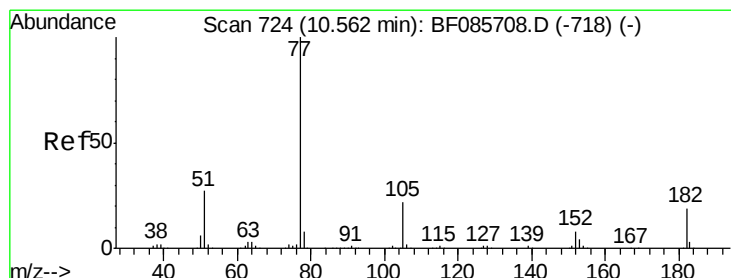
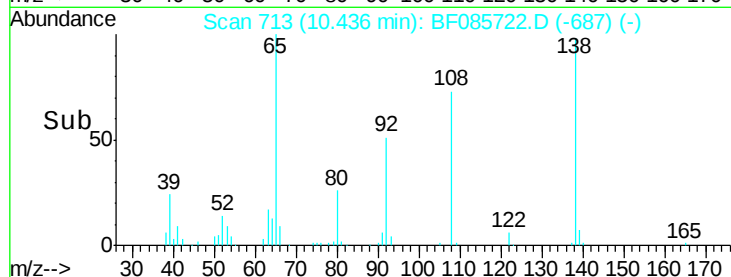
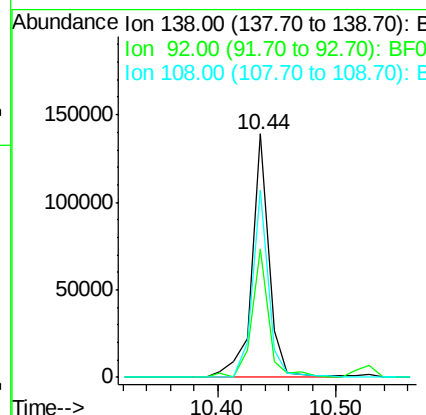
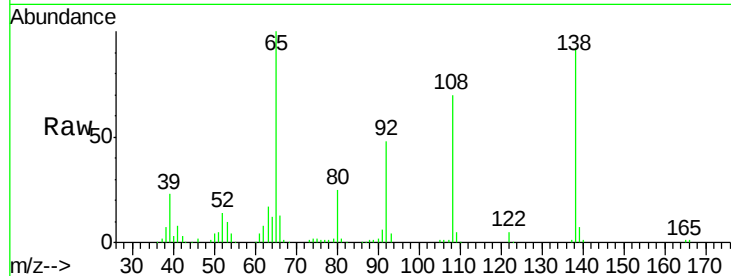
#61
4-Nitroaniline
Concen: 34.40 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	141672		
92	52.5	26.4	66.4	
108	76.8	49.0	89.0	

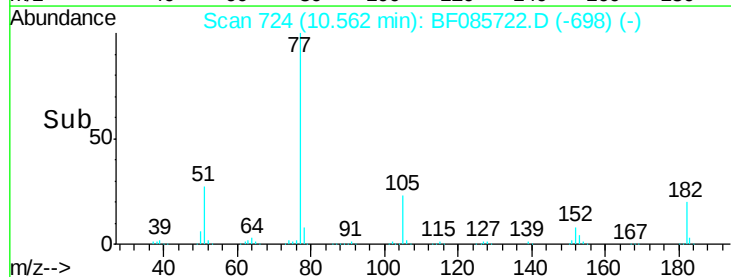
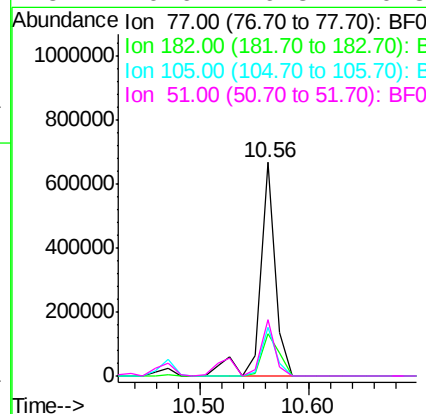
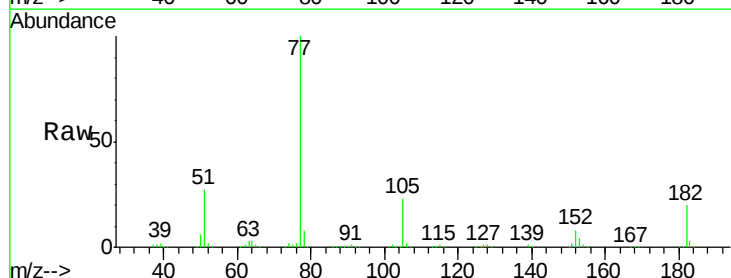
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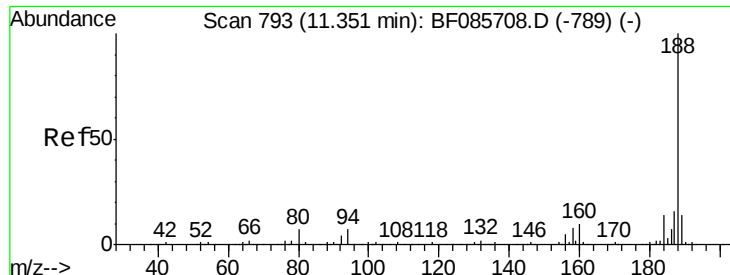
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3/25/2016 3:04:29 PM



#62
Azobenzene
Concen: 40.07 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	664844		
182	19.6	1.9	41.9	
105	22.7	3.5	43.5	
51	26.6	6.3	46.3	





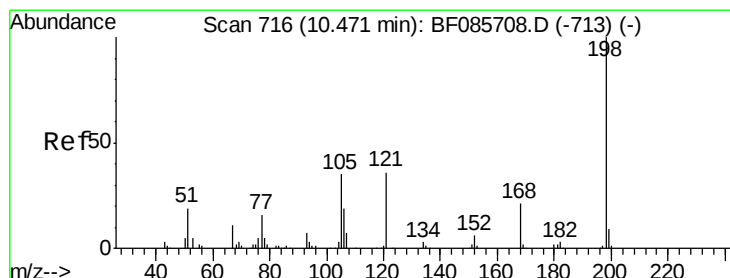
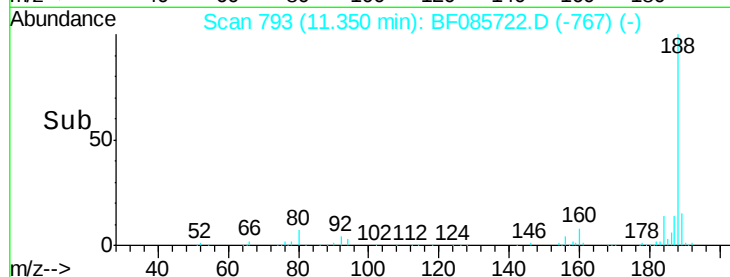
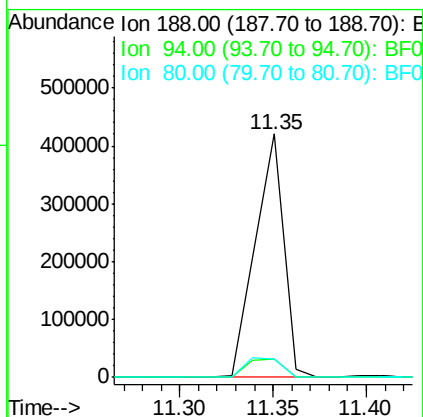
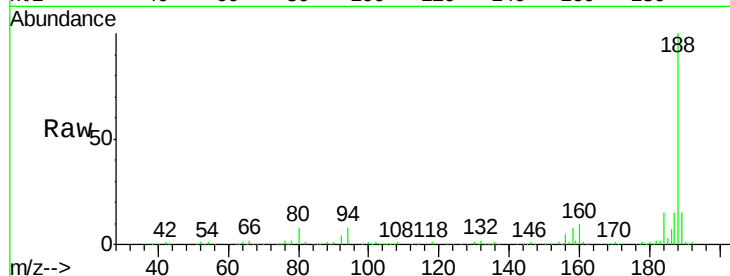
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	5.4	8.0
80	7.6	5.5	8.3

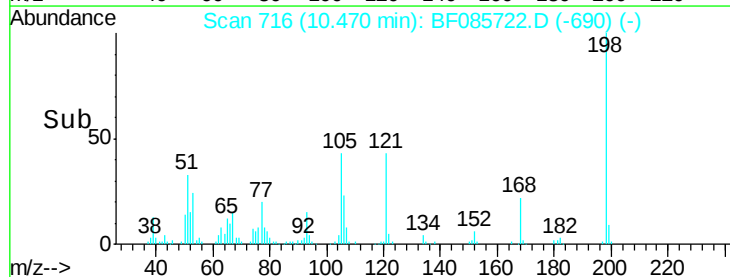
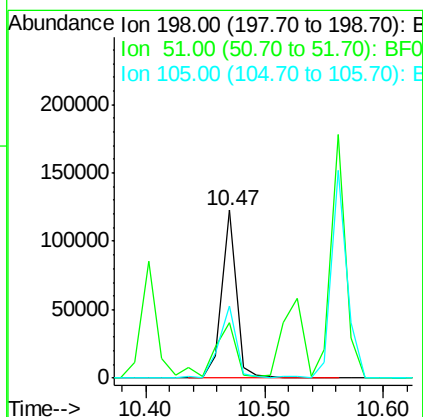
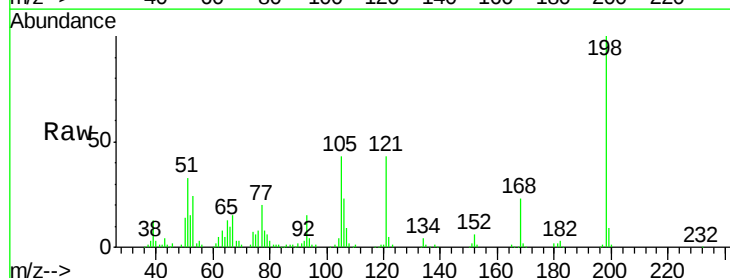
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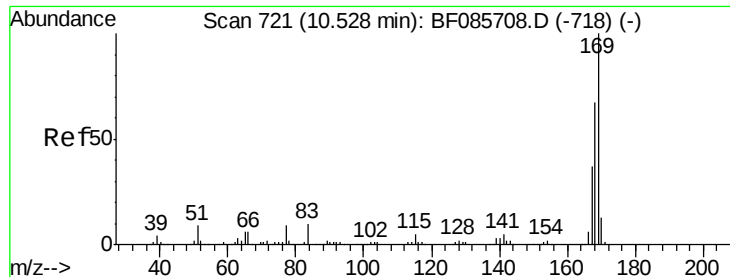
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.15 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.7	45.4	85.4#
105	42.7	45.9	85.9#





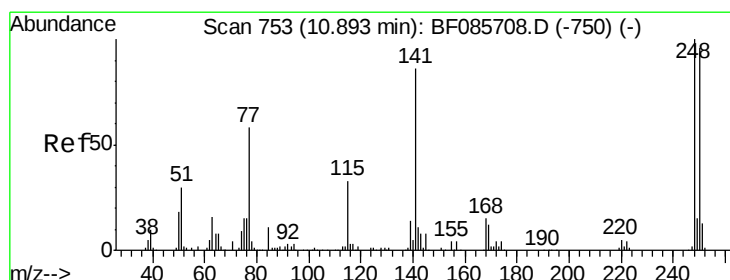
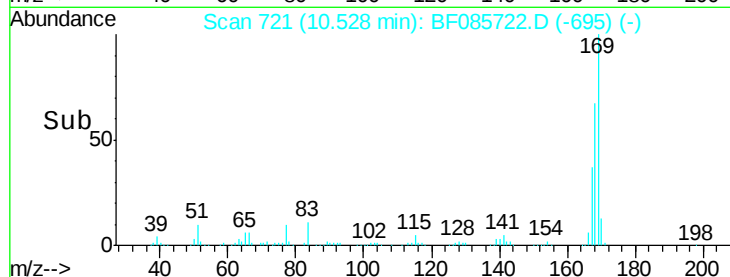
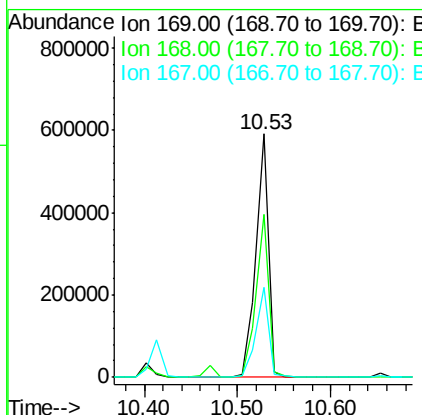
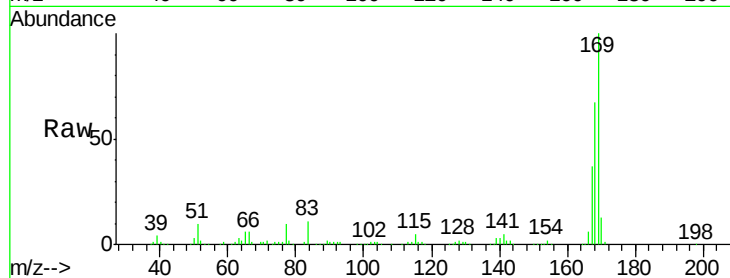
#65
 n-Nitrosodiphenylamine
 Concen: 39.11 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.0	54.4	81.6
167	36.9	29.4	44.0

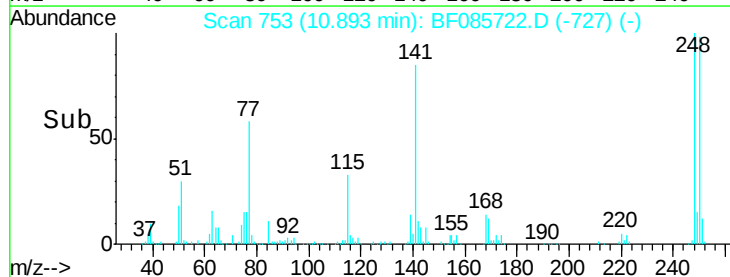
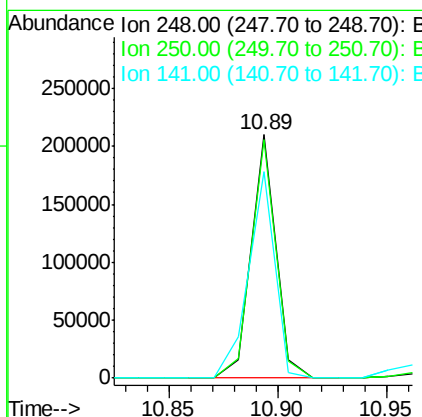
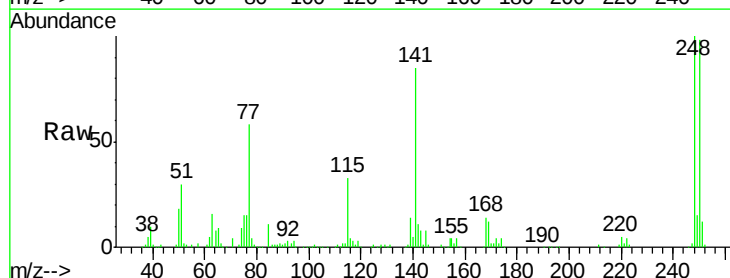
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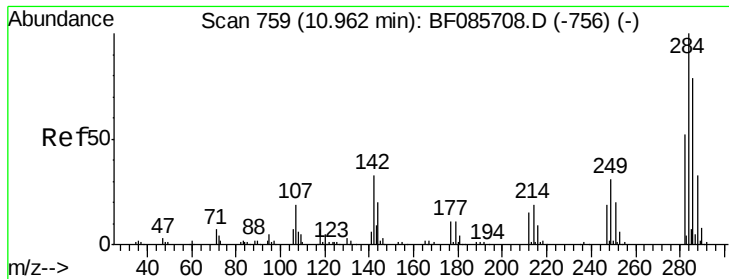
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#66
 4-Bromophenyl-phenylether
 Concen: 36.75 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.0	77.4	116.0
141	84.9	63.6	95.4





#67

Hexachlorobenzene

Concen: 39.13 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085722.D

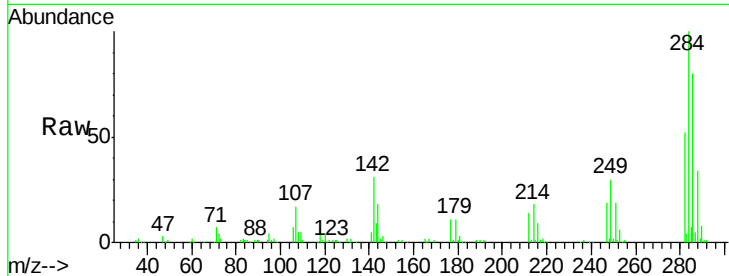
Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

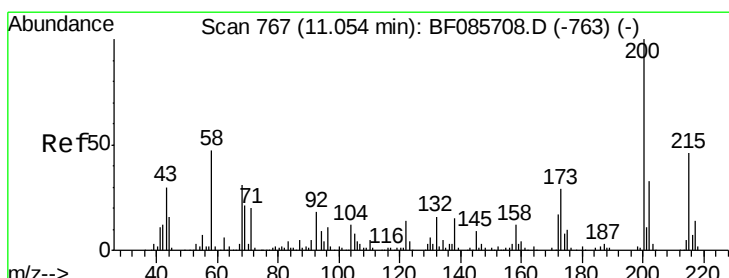
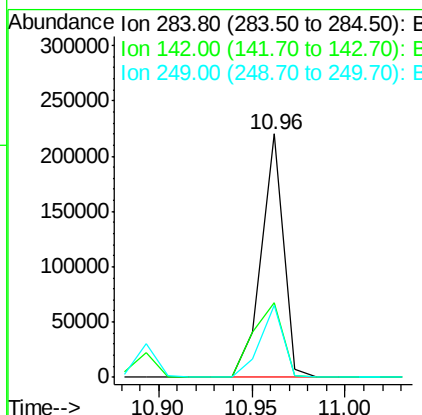
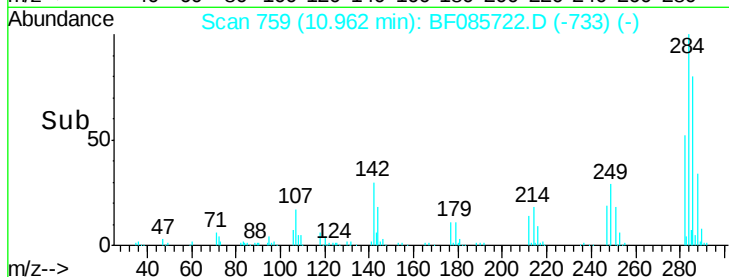
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Tgt Ion:	284	Resp:	185092
Ion Ratio	Lower	Upper	
284	100		
142	30.8	23.1	34.7
249	29.9	24.2	36.2

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3/25/2016 3:04:29 PM



#68

Atrazine

Concen: 33.89 ng

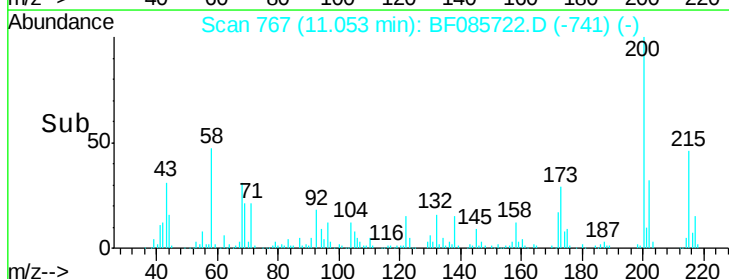
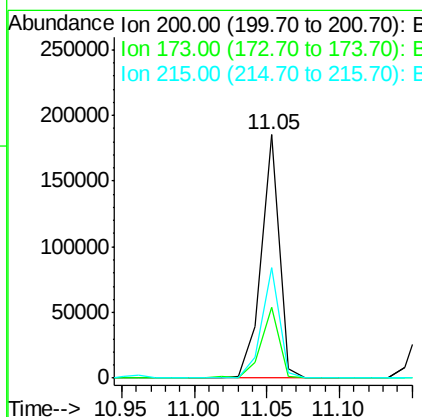
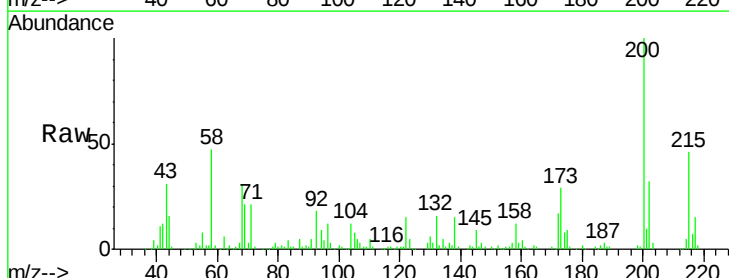
RT: 11.05 min Scan# 767

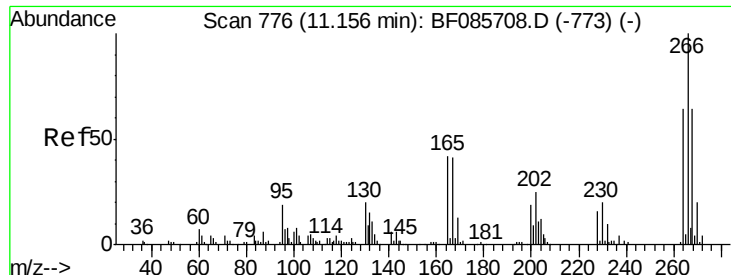
Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	200	Resp:	160226
Ion Ratio	Lower	Upper	
200	100		
173	28.9	7.7	47.7
215	45.6	25.4	65.4





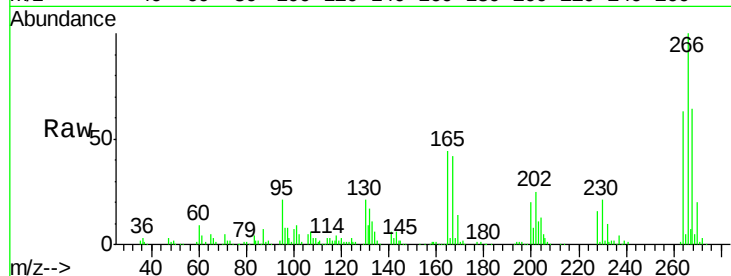
#69
 Pentachlorophenol
 Concen: 81.43 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampled :
 PB89173BS

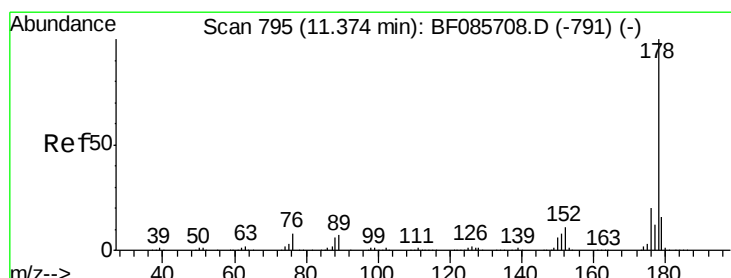
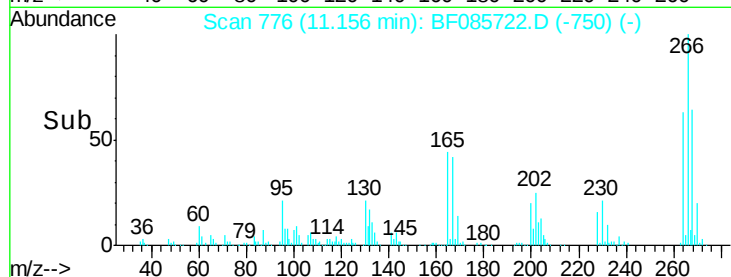
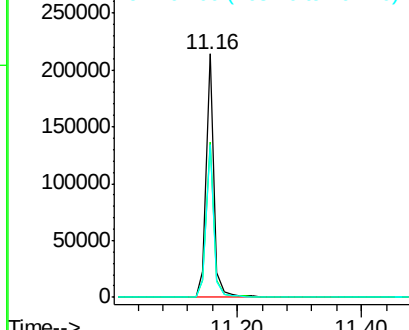
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	189104		
268	63.6	51.5	77.3	
264	62.9	50.6	76.0	

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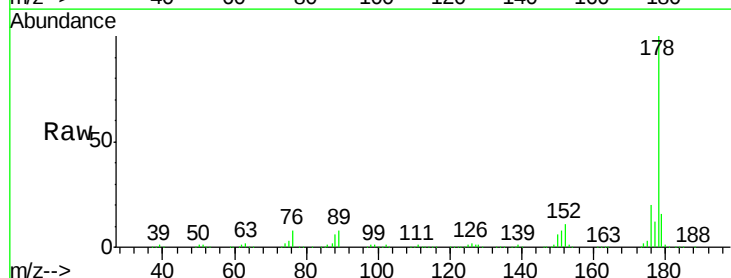


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

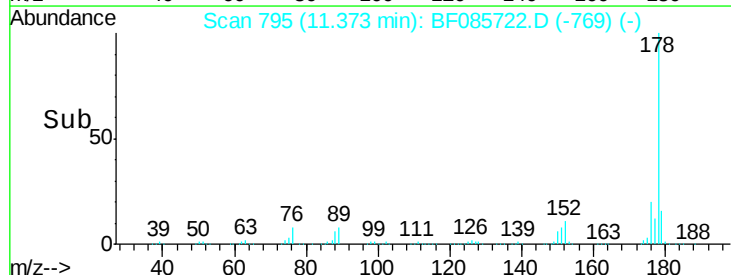
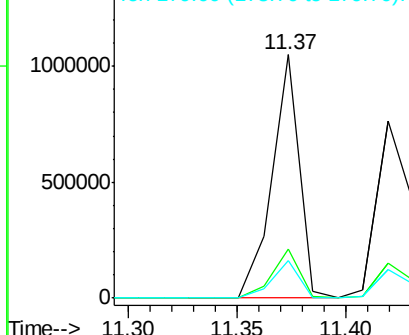


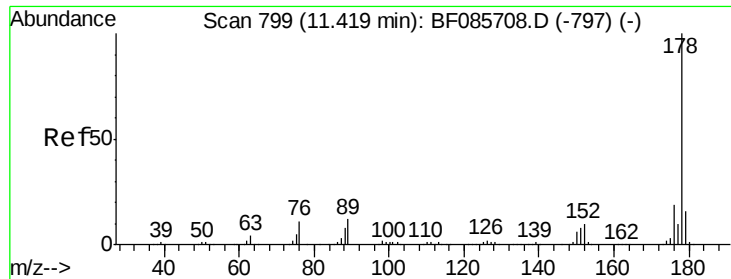
#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	924542		
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





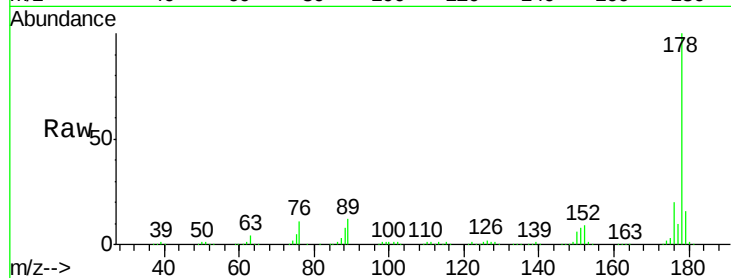
#71
 Anthracene
 Concen: 35.72 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

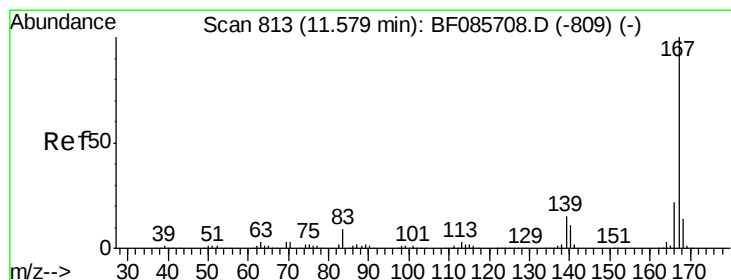
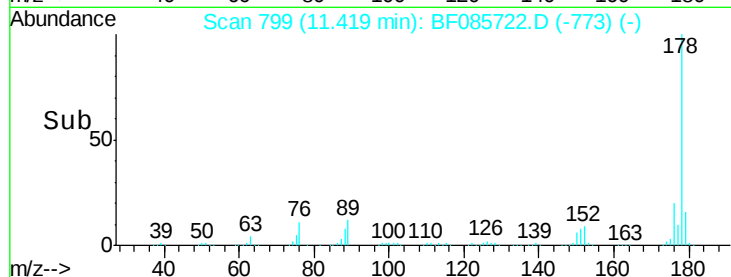
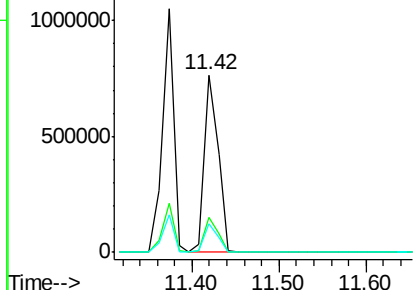
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.2	13.0	19.4

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 3/25/2016 3:04:29 PM

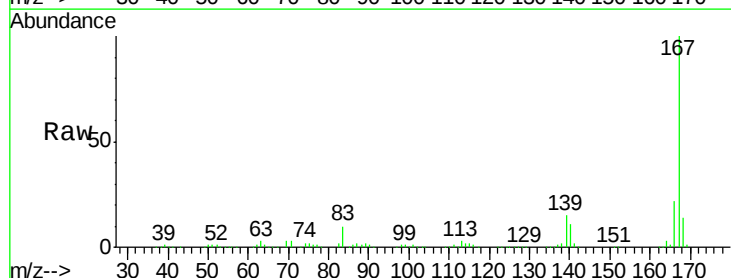


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

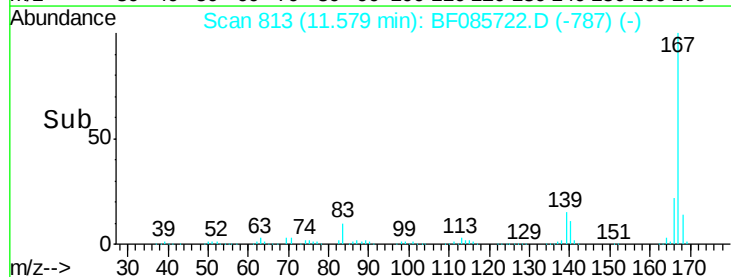
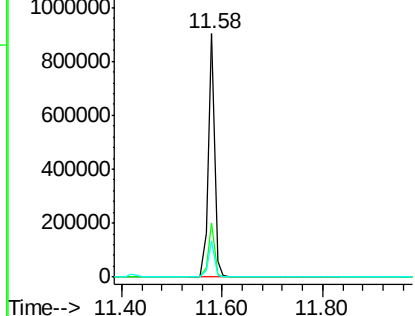


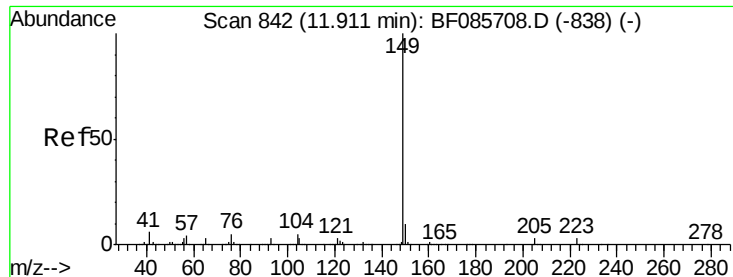
#72
 Carbazole
 Concen: 39.50 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	15.0	11.6	17.4



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





#73

Di-n-butylphthalate

Concen: 37.45 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB89173BS

Tgt Ion:149 Resp: 1028280

Ion Ratio Lower Upper

149 100

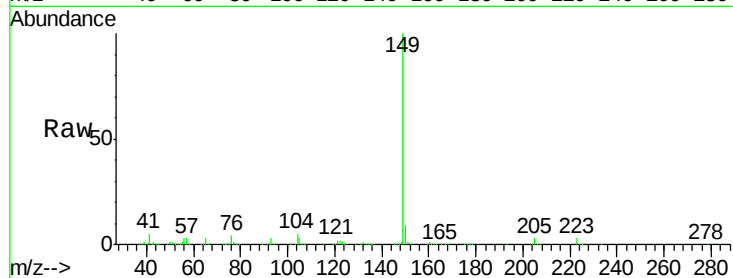
150 9.4 7.6 11.4

104 4.8 3.8 5.8

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3/25/2016 3:04:29 PM

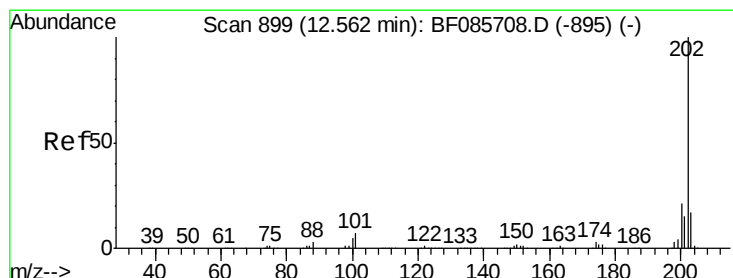
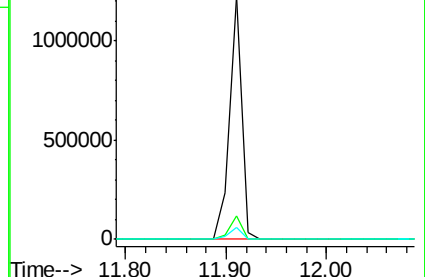
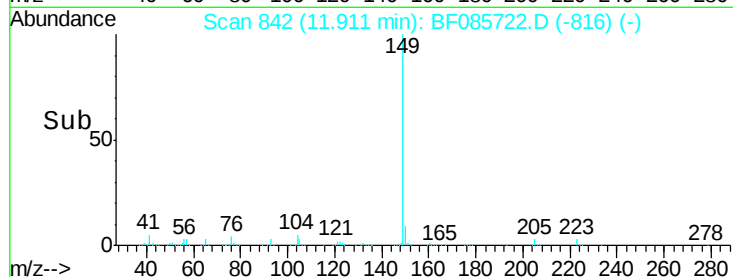


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.91



#74

Fluoranthene

Concen: 35.85 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

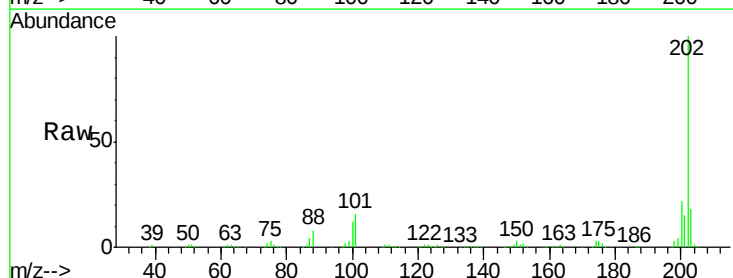
Tgt Ion:202 Resp: 865139

Ion Ratio Lower Upper

202 100

101 16.2 0.0 36.6

203 18.2 0.0 38.1

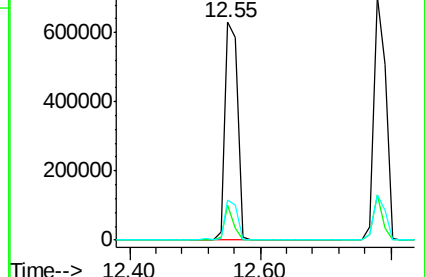
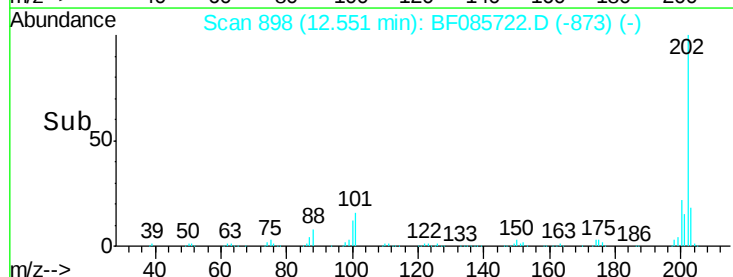


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.55





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

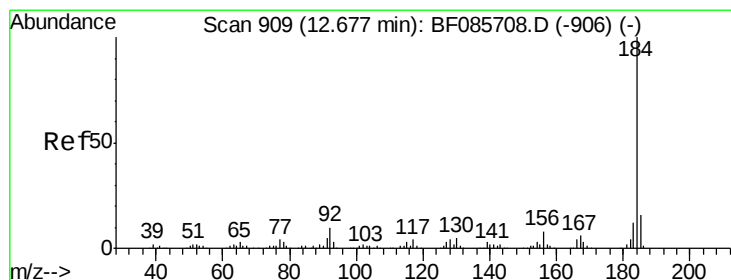
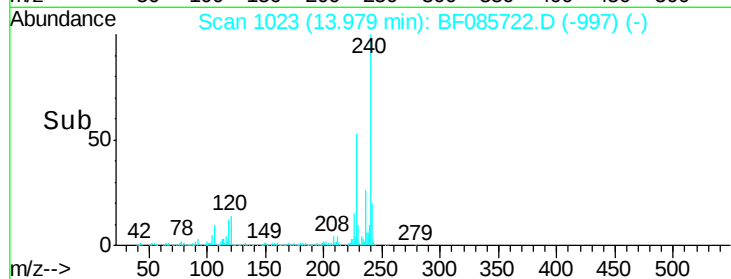
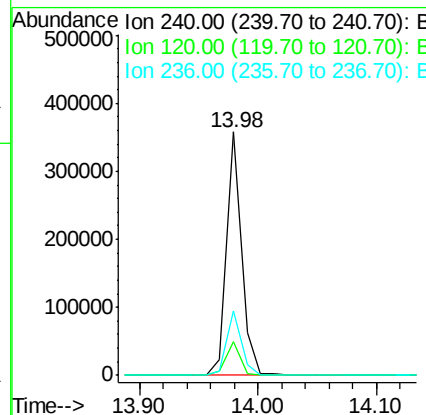
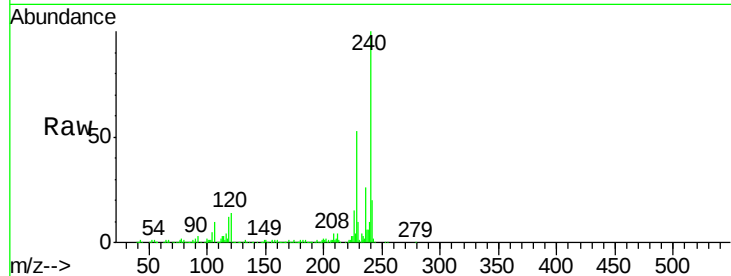
ClientSampleId :

PB89173BS

Tgt Ion:	240	Resp:	309707
Ion Ratio	Lower	Upper	
240	100		
120	13.9	13.8	20.8
236	26.4	20.6	30.8

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3/25/2016 3:04:29 PM



#76

Benzidine

Concen: 22.22 ng

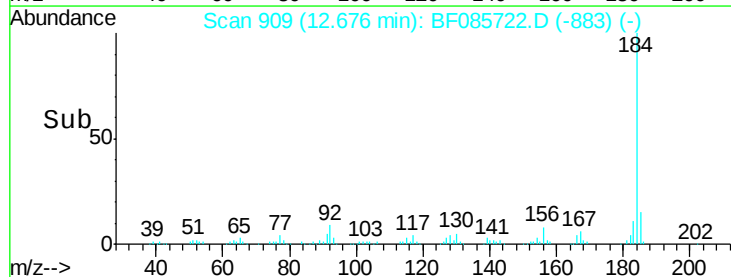
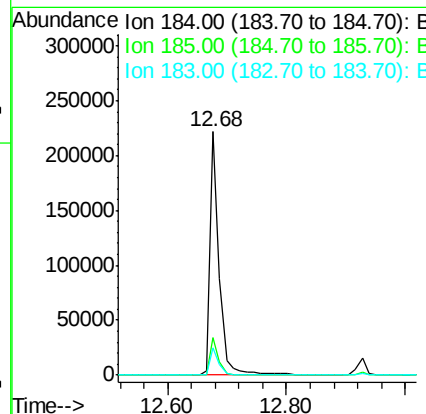
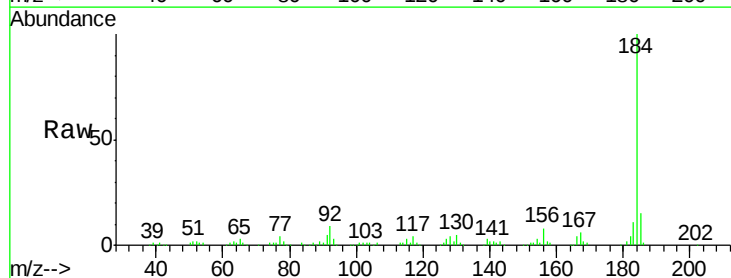
RT: 12.68 min Scan# 909

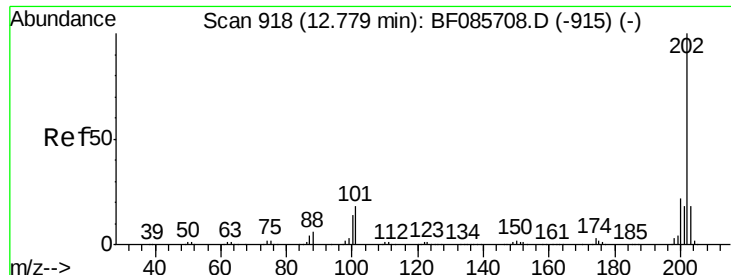
Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt Ion:	184	Resp:	242374
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.4	18.6
183	11.2	9.4	14.2





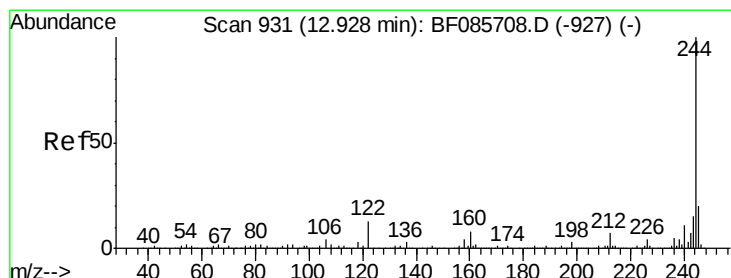
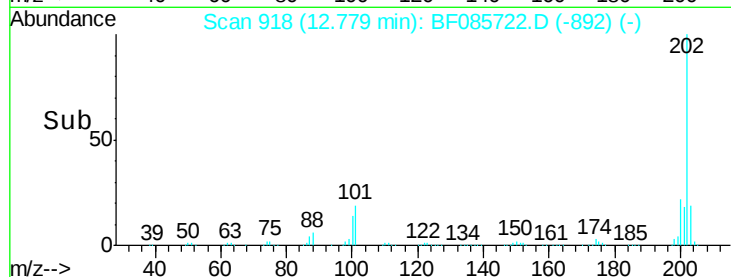
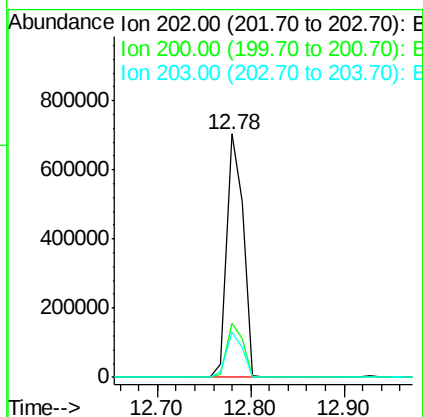
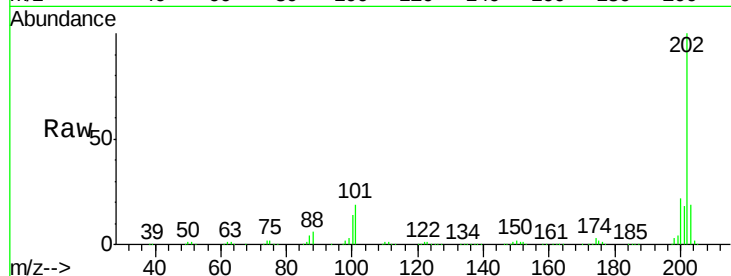
#77
Pyrene
 Concen: 34.11 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	868263		
200	22.3		17.6	26.4
203	18.6		14.0	21.0

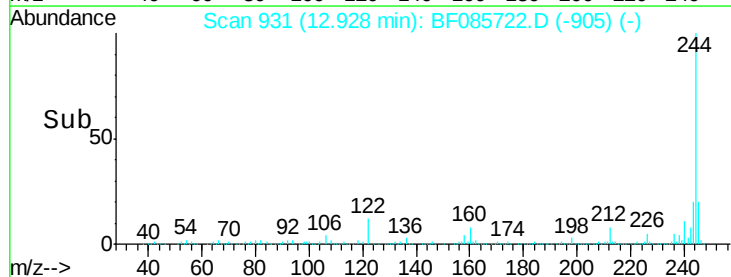
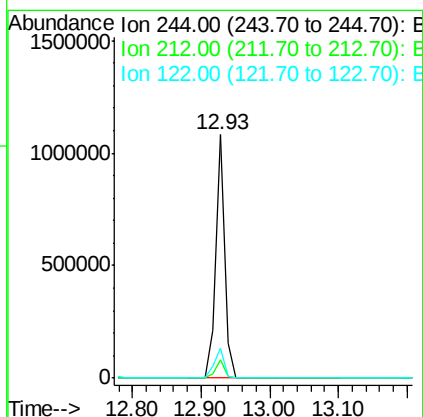
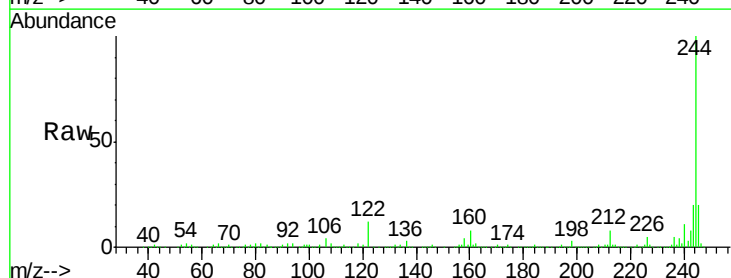
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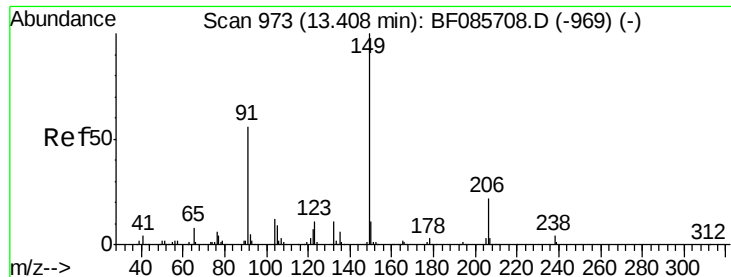
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#78
Terphenyl-d14
 Concen: 66.84 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1006530		
212	7.6		6.1	9.1
122	12.3		10.2	15.4





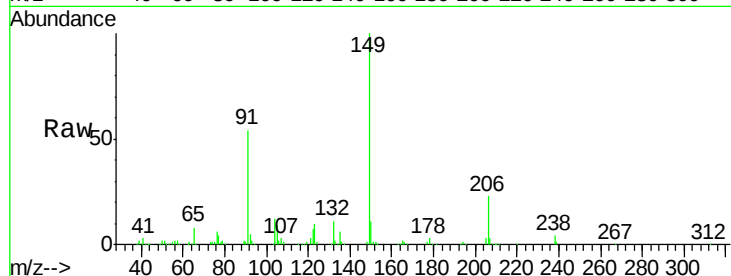
#79
Butylbenzylphthalate
Concen: 36.56 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

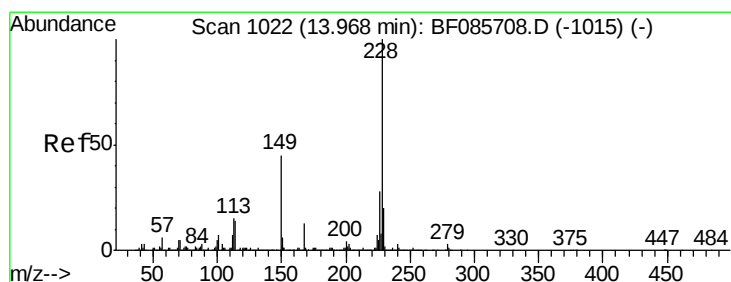
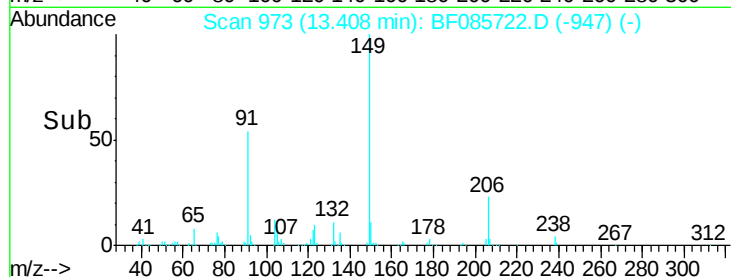
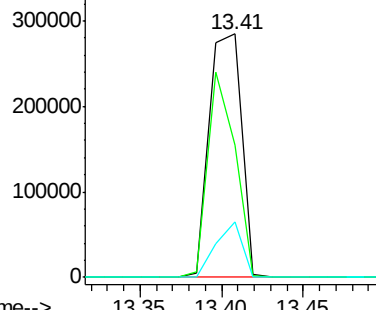
Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		389826		
91	54.5	45.8	68.8		
206	23.0	17.8	26.8		

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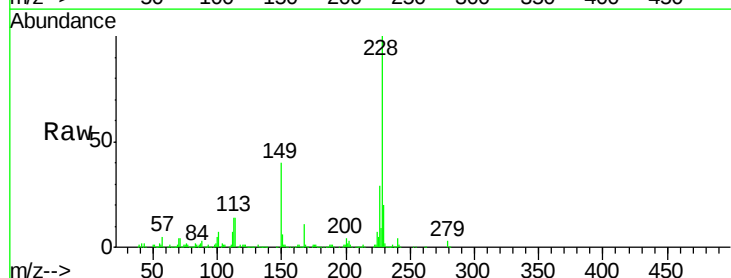


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

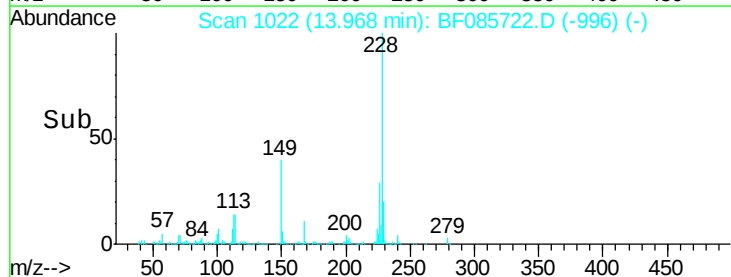
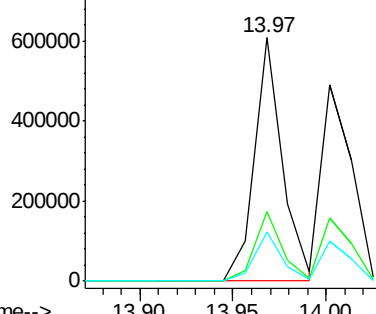


#80
Benzo(a)anthracene
Concen: 35.85 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		633082		
226	28.6	22.1	33.1		
229	20.3	16.2	24.4		



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





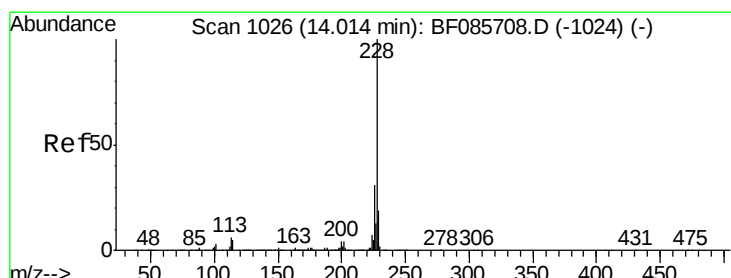
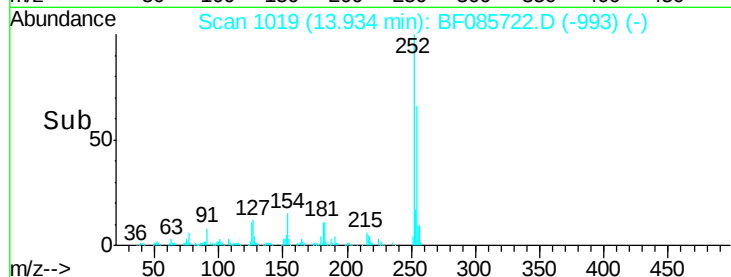
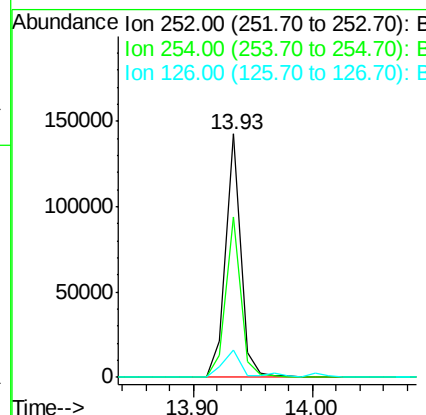
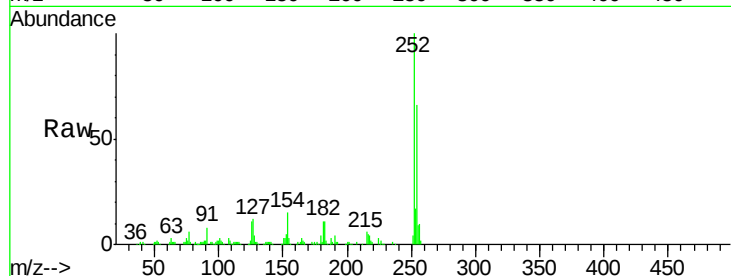
#81
 3,3'-Dichlorobenzidine
 Concen: 10.28 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	50.7	76.1
126	11.3	11.8	17.6

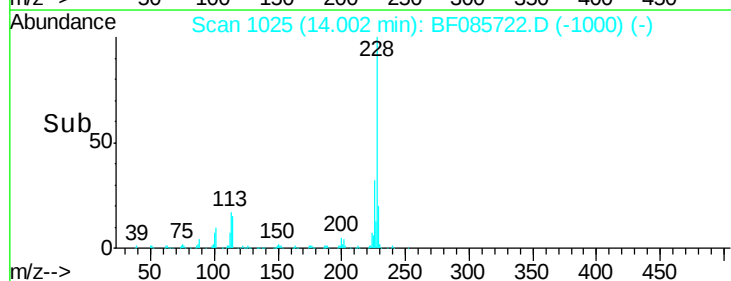
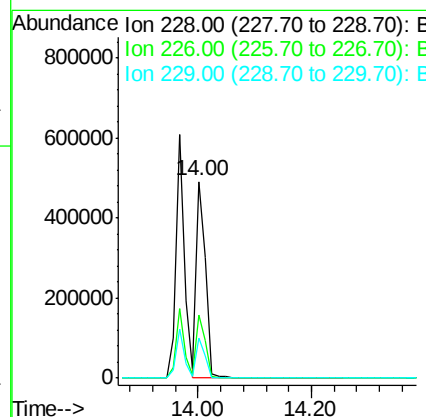
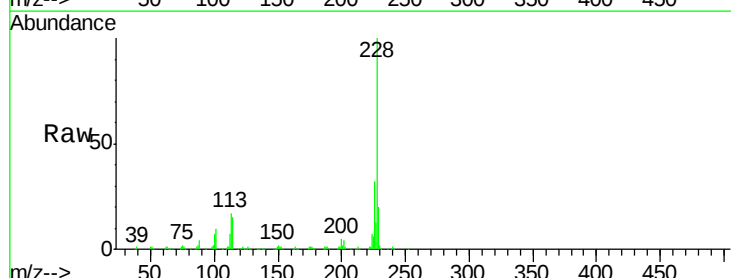
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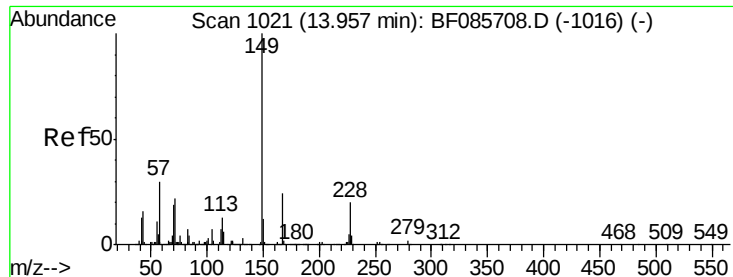
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#82
 Chrysene
 Concen: 31.61 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	25.0	37.6
229	20.4	15.7	23.5





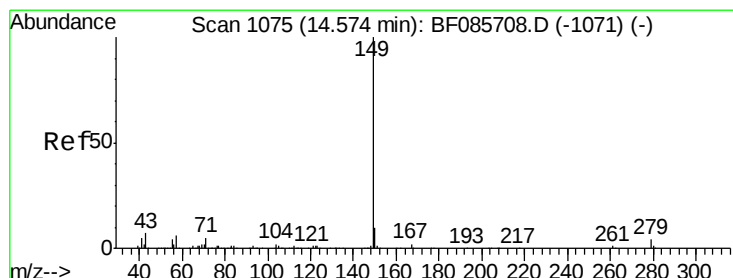
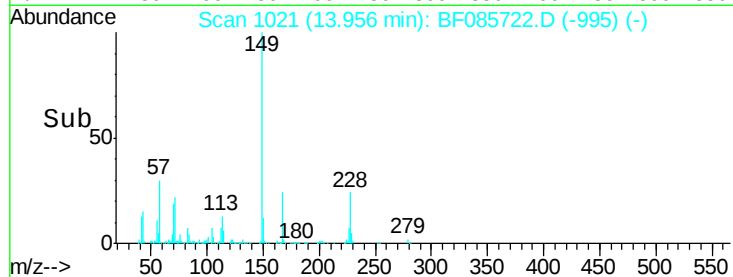
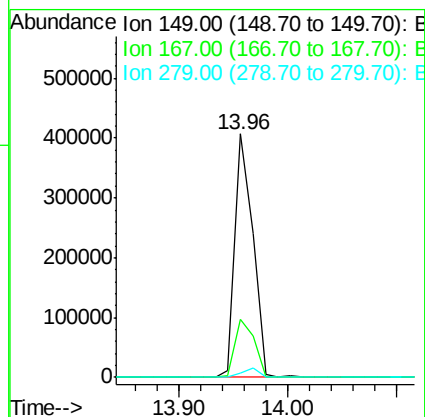
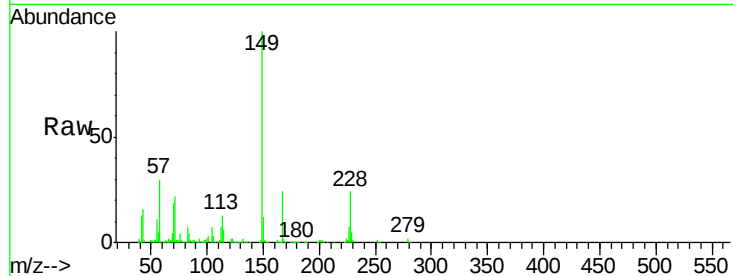
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.92 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	23.8	19.4	29.2
279	1.9	1.5	2.3

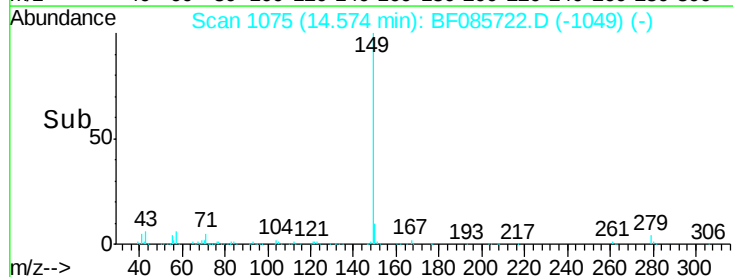
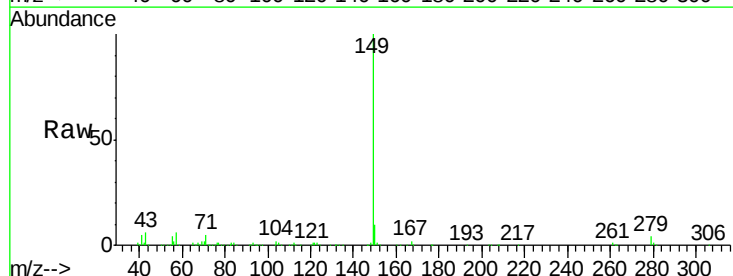
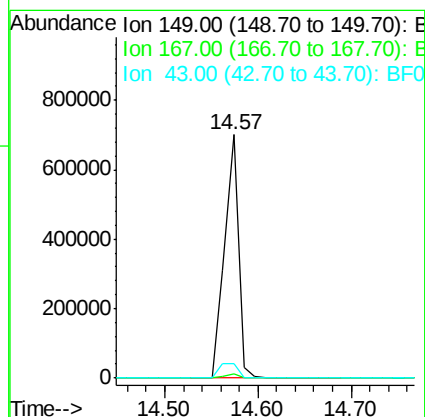
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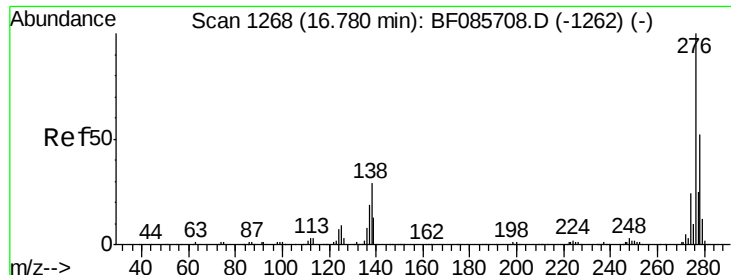
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#84
 Di-n-octyl phthalate
 Concen: 38.10 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

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





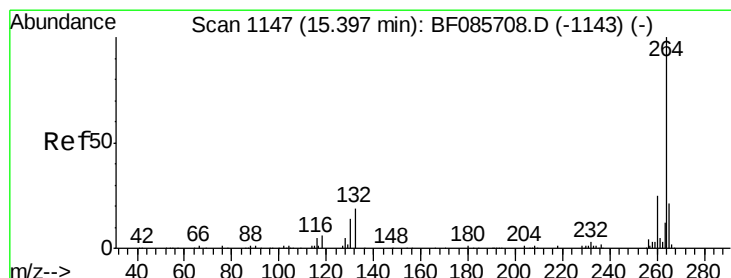
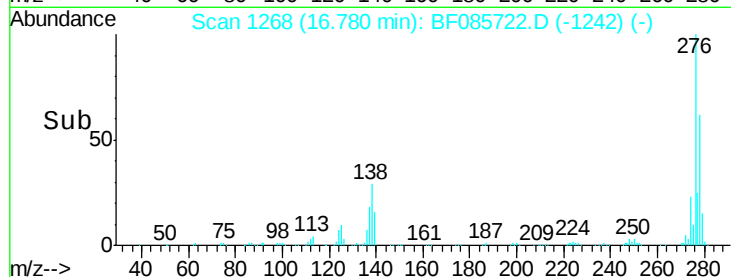
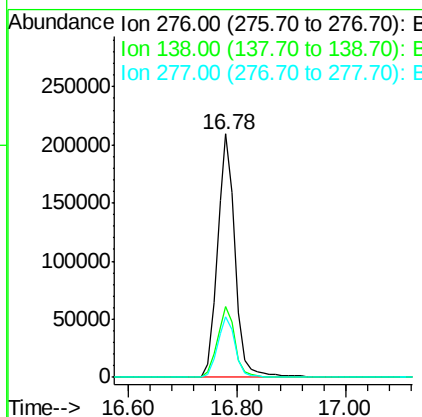
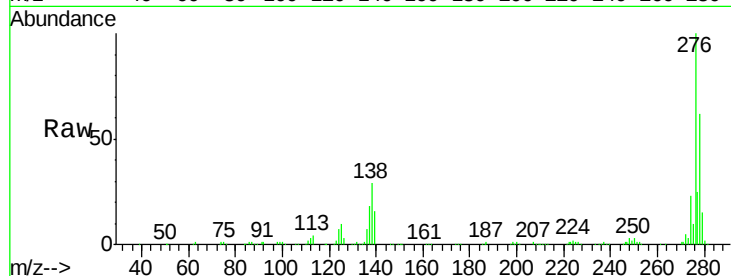
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.79 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	24.2	36.4
277	25.0	20.0	30.0

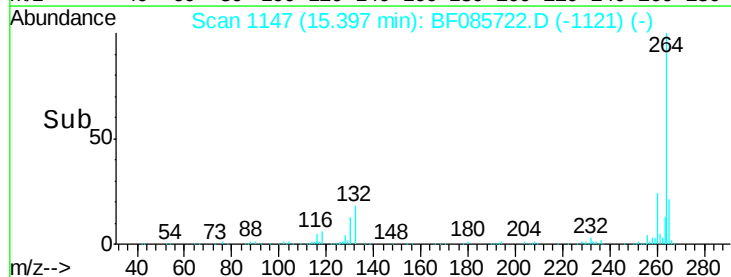
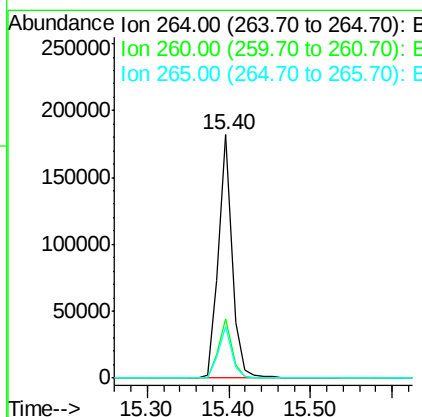
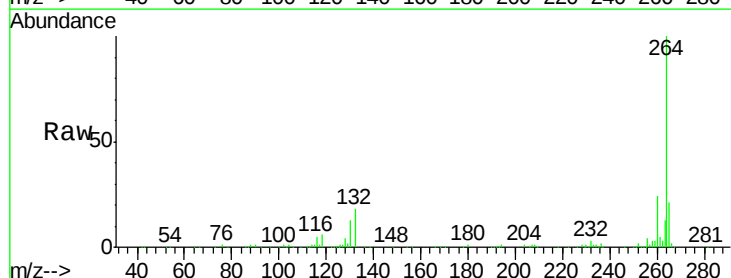
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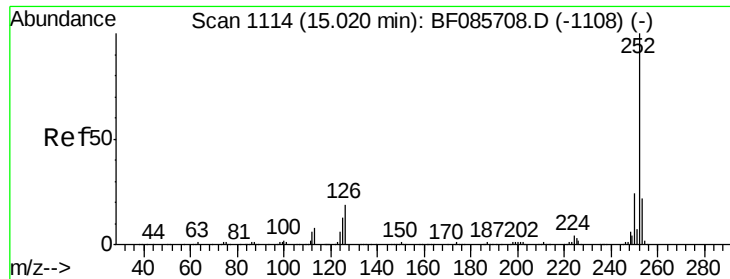
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.94 ng

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Instrument :

BNA_F

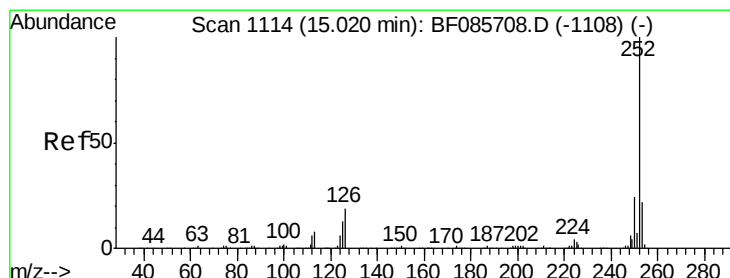
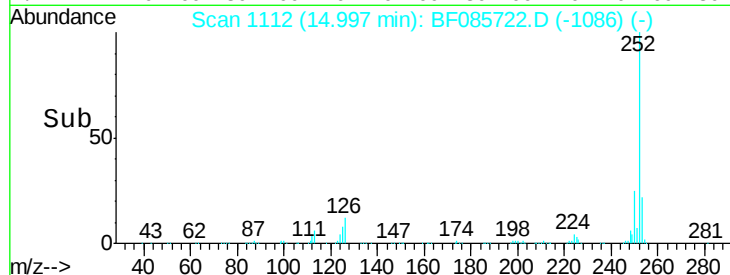
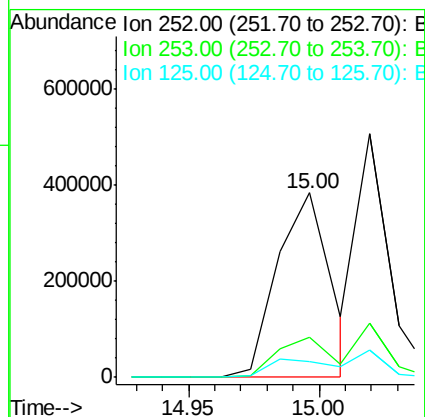
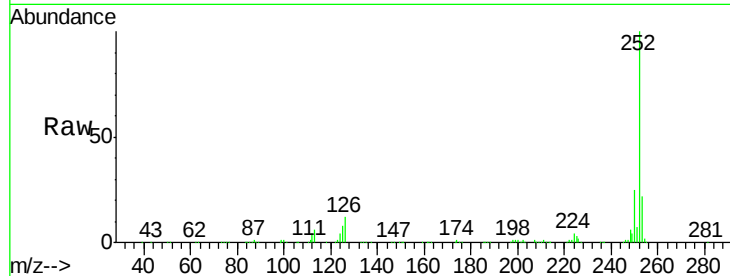
ClientSampleId :

PB89173BS

Tgt	Ion	252	Resp:	539360
Ion	Ratio	Lower	Upper	
252	100			
253	21.7	17.6	26.4	
125	8.4	10.3	15.5#	

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#88

Benzo(k)fluoranthene

Concen: 35.84 ng m

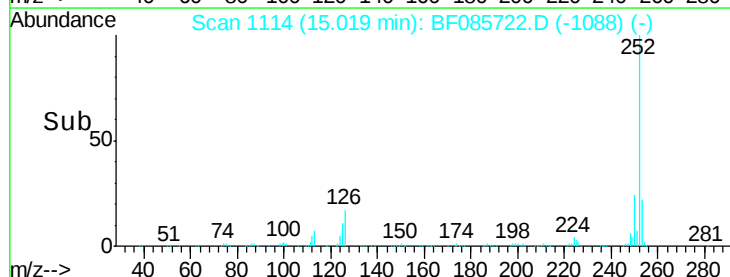
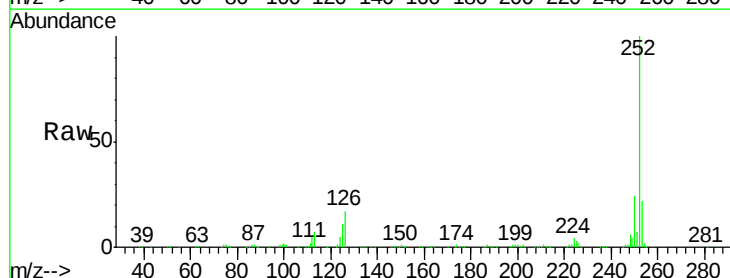
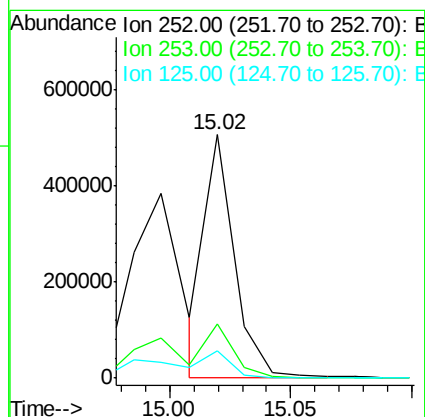
RT: 15.02 min Scan# 1114

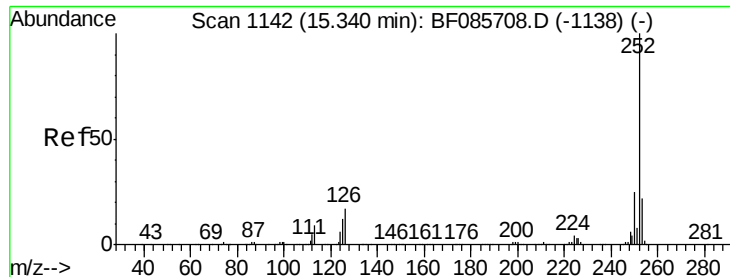
Delta R.T. -0.00 min

Lab File: BF085722.D

Acq: 24 Mar 2016 19:14

Tgt	Ion	252	Resp:	436285
Ion	Ratio	Lower	Upper	
252	100			
253	22.3	17.8	26.6	
125	11.1	7.7	11.5	





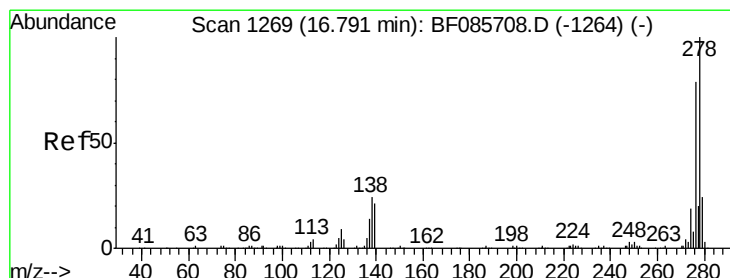
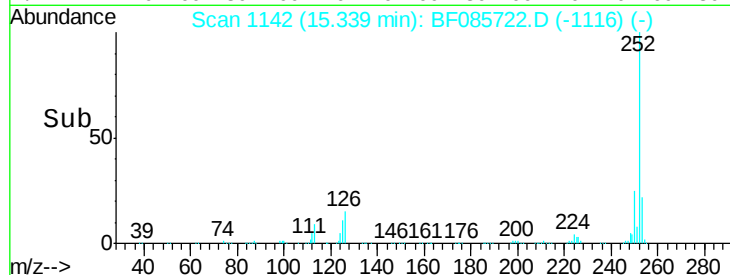
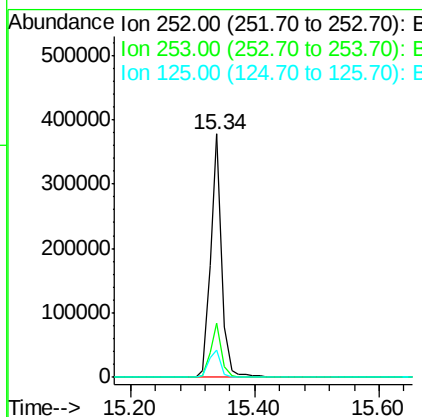
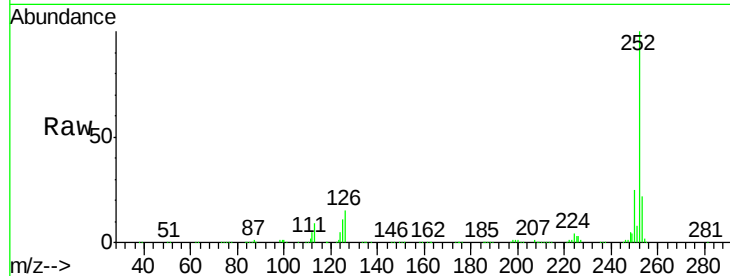
#89
Benzo(a)pyrene
Concen: 38.14 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.0	10.3	15.5

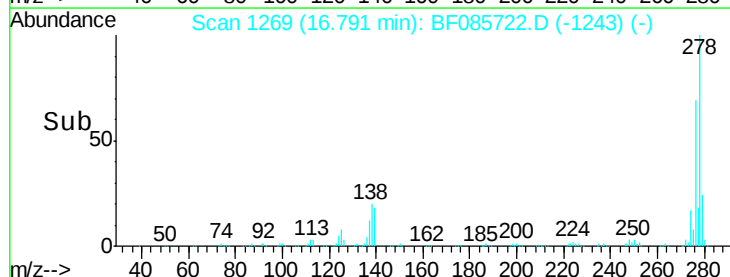
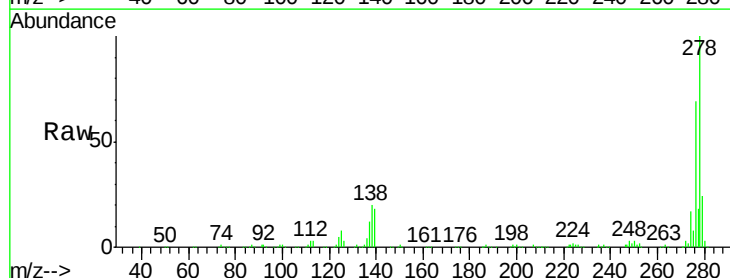
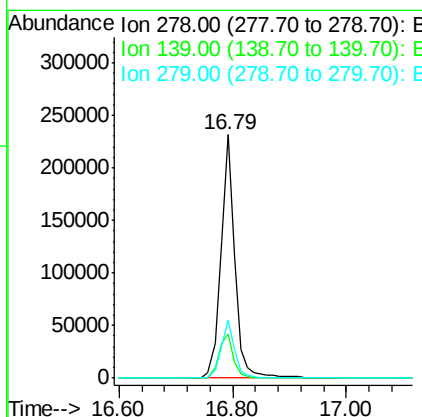
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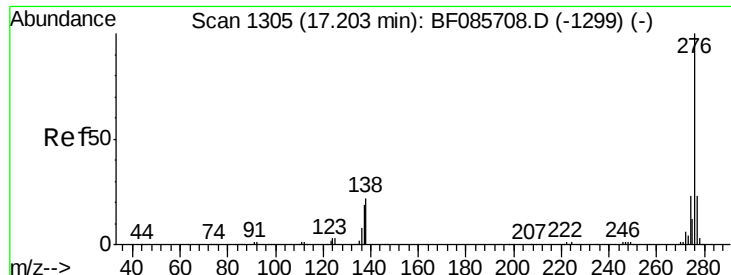
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#90
Dibenzo(a,h)anthracene
Concen: 35.74 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085722.D
Acq: 24 Mar 2016 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.4	21.6
279	23.6	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 35.98 ng
 RT: 17.19 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF085722.D
 Acq: 24 Mar 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89173BS

Tgt Ion:	276	Resp:	405891
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	26.9	22.6	34.0

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