

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085163.D
 Acq On : 3 Mar 2016 18:28
 Operator : SJ/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Manual Integrations
 APPROVED

UMANGI
 3/4/2016 4:28:31 PM

Quant Time: Mar 04 01:07:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	195442	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	766729	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	381345	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	701074	20.00	ng	0.00
75) Chrysene-d12	14.14	240	464430	20.00	ng	-0.01
86) Perylene-d12	15.61	264	374129	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	908015	77.93	ng	0.00
7) Phenol-d6	6.61	99	1254760	82.20	ng	0.00
23) Nitrobenzene-d5	7.54	82	1112199	77.62	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	275300	84.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1743007	69.51	ng	-0.01
78) Terphenyl-d14	13.09	244	1544006	77.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	231363	38.83	ng	98
3) Pyridine	3.43	79	677673	45.44	ng	96
4) n-Nitrosodimethylamine	3.38	42	248962	39.01	ng	97
6) Aniline	6.64	93	853124	39.87	ng	99
8) 2-Chlorophenol	6.77	128	566782	40.41	ng	93
9) Benzaldehyde	6.53	77	353438	53.60	ng	99
10) Phenol	6.62	94	765375m	46.81	ng	
11) bis(2-Chloroethyl)ether	6.71	93	490798	36.14	ng	89
12) 1,3-Dichlorobenzene	6.93	146	582527	38.68	ng	97
13) 1,4-Dichlorobenzene	7.00	146	568127	37.64	ng	98
14) 1,2-Dichlorobenzene	7.16	146	577596	42.18	ng	98
15) Benzyl Alcohol	7.12	79	521275	46.52	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.26	45	740197	37.82	ng	99
17) 2-Methylphenol	7.22	107	452207	39.51	ng	96
18) Hexachloroethane	7.50	117	224290	40.28	ng	98
19) n-Nitroso-di-n-propylamine	7.40	70	374328	37.62	ng	# 89
20) 3+4-Methylphenols	7.38	107	572532	42.23	ng	96
22) Acetophenone	7.40	105	788377	42.13	ng	# 93
24) Nitrobenzene	7.57	77	660290	45.36	ng	91
25) Isophorone	7.81	82	1111920	41.88	ng	97
26) 2-Nitrophenol	7.88	139	274113	38.70	ng	# 64
27) 2,4-Dimethylphenol	7.91	122	506197	39.10	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	669500	45.27	ng	99
29) 2,4-Dichlorophenol	8.12	162	412173	39.48	ng	88
30) 1,2,4-Trichlorobenzene	8.21	180	457626	40.54	ng	99
31) Naphthalene	8.29	128	1454207	38.57	ng	99
32) Benzoic acid	8.02	122	299638	34.85	ng	98
33) 4-Chloroaniline	8.33	127	629107	41.25	ng	99
34) Hexachlorobutadiene	8.41	225	233265	39.72	ng	99
35) Caprolactam	8.71	113	141005	41.36	ng	100
36) 4-Chloro-3-methylphenol	8.81	107	527640	44.55	ng	95
37) 2-Methylnaphthalene	8.98	142	1066380	44.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	402685	36.92	ng	100
40) Hexachlorocyclopentadiene	9.13	237	249813	42.47	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	308761	38.03	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	327016	42.48	ng	95
45) 1,1'-Biphenyl	9.44	154	1110199	34.08	ng	98
46) 2-Chloronaphthalene	9.46	162	888880	35.79	ng	# 90
47) 2-Nitroaniline	9.56	65	283306	36.81	ng	99
48) Acenaphthylene	9.89	152	1529965	39.58	ng	98
49) Dimethylphthalate	9.75	163	1055601	36.06	ng	98
50) 2,6-Dinitrotoluene	9.81	165	257468	41.12	ng	# 79
51) Acenaphthene	10.06	154	924463	39.39	ng	99
52) 3-Nitroaniline	9.97	138	284051	37.92	ng	# 76
53) 2,4-Dinitrophenol	10.07	184	101352	36.72	ng	# 73
54) Dibenzofuran	10.23	168	1337696	43.51	ng	98
55) 4-Nitrophenol	10.12	139	203110	34.50	ng	# 68
56) 2,4-Dinitrotoluene	10.21	165	349957	43.67	ng	# 83
57) Fluorene	10.57	166	991966	41.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	242490	44.84	ng	97
59) Diethylphthalate	10.44	149	1064822	37.49	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	460746	39.21	ng	98
61) 4-Nitroaniline	10.58	138	272127	38.84	ng	99
62) Azobenzene	10.72	77	1255576	44.87	ng	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	149347	35.58	ng	# 39
65) n-Nitrosodiphenylamine	10.68	169	792787	36.36	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	275535	40.48	ng	98
67) Hexachlorobenzene	11.12	284	298132	41.05	ng	97
68) Atrazine	11.20	200	202283	33.36	ng	99
69) Pentachlorophenol	11.30	266	164115	40.71	ng	99
70) Phenanthrene	11.53	178	1457916	39.68	ng	99
71) Anthracene	11.58	178	1428091	36.61	ng	99
72) Carbazole	11.74	167	1409481	41.21	ng	99
73) Di-n-butylphthalate	12.06	149	1599209	36.99	ng	100
74) Fluoranthene	12.72	202	1530182	41.50	ng	98
76) Benzidine	12.84	184	622051	45.00	ng	98
77) Pyrene	12.95	202	1531620	43.82	ng	99
79) Butylbenzylphthalate	13.56	149	650971	41.04	ng	100
80) Benzo(a)anthracene	14.13	228	1162221	41.80	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	395118	45.05	ng	99
82) Chrysene	14.17	228	1128968	43.96	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	891305	42.70	ng	100
84) Di-n-octyl phthalate	14.73	149	1444418	45.44	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	816884	40.75	ng	100
87) Benzo(b)fluoranthene	15.18	252	1089572	43.69	ng	99
88) Benzo(k)fluoranthene	15.21	252	738811m	36.73	ng	
89) Benzo(a)pyrene	15.56	252	863362	41.78	ng	100
90) Dibenzo(a,h)anthracene	17.11	278	682529	38.69	ng	96
91) Benzo(g,h,i)perylene	17.53	276	680718	38.38	ng	98

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

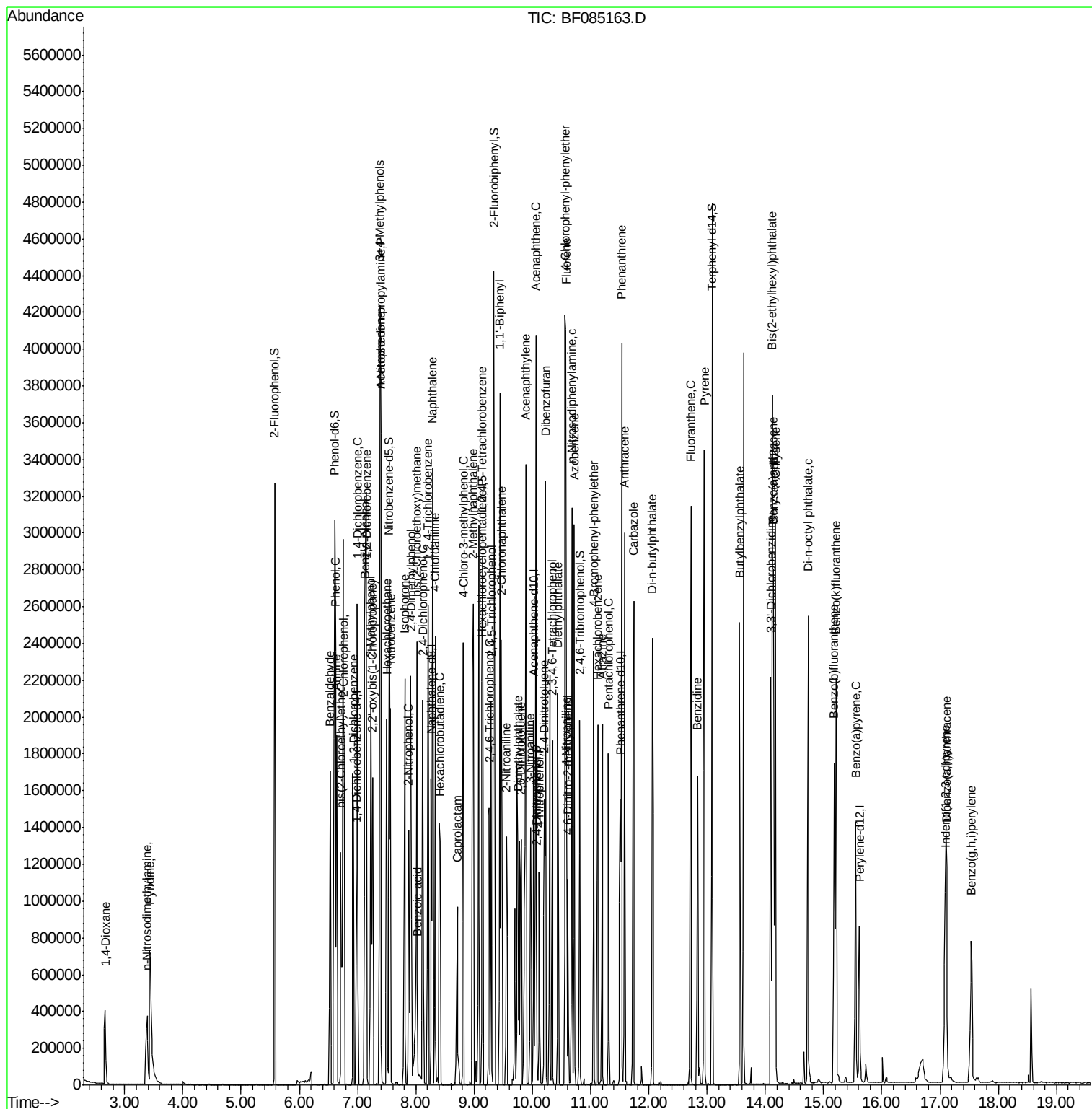
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\  
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Sample    : SSTDICV040  
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ALS Vial  : 10 Sample Multiplier: 1
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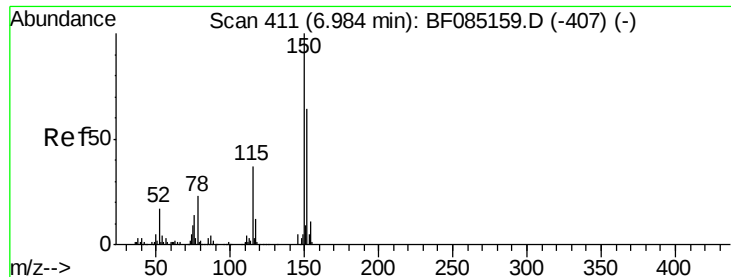
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085163.D

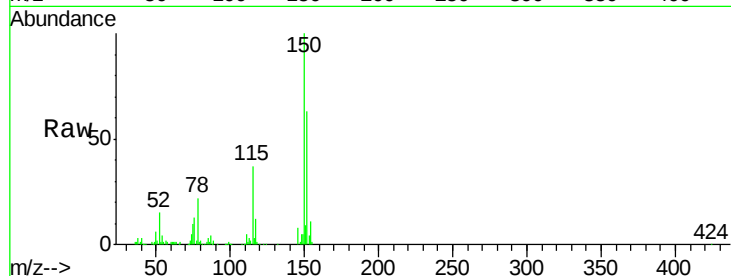
Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316



Tgt Ion:152 Resp: 195442

Ion Ratio Lower Upper

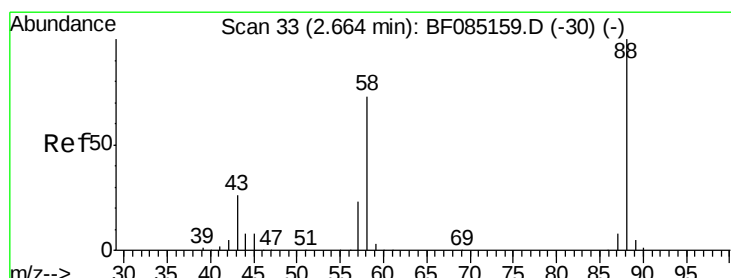
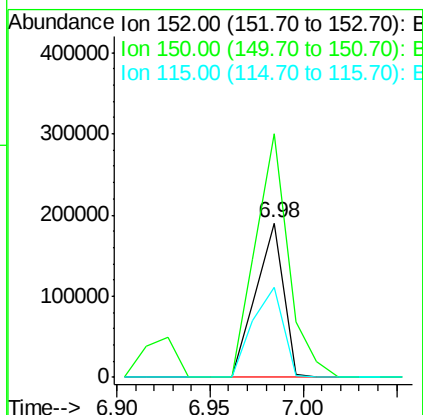
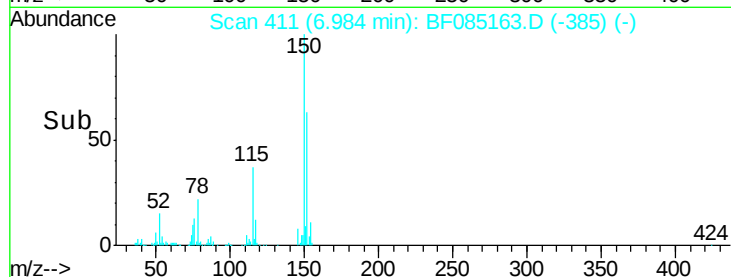
152 100

150 158.1 124.6 186.8

115 58.1 46.6 70.0

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#2

1,4-Dioxane

Concen: 38.83 ng

RT: 2.66 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

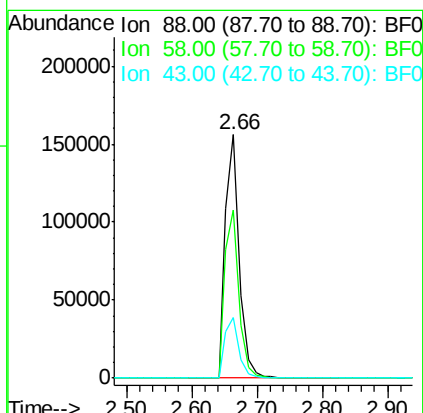
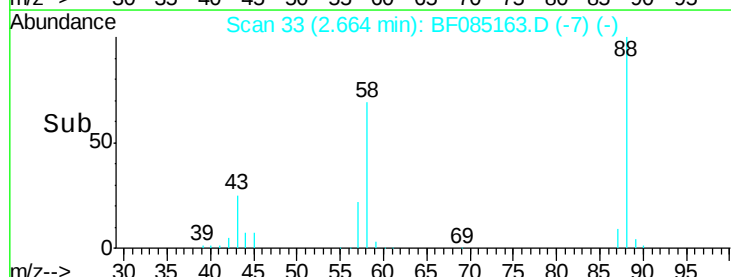
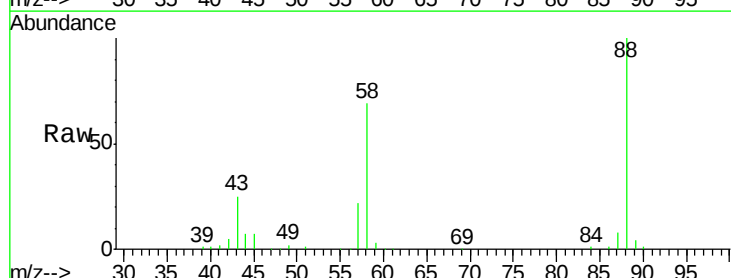
Tgt Ion: 88 Resp: 231363

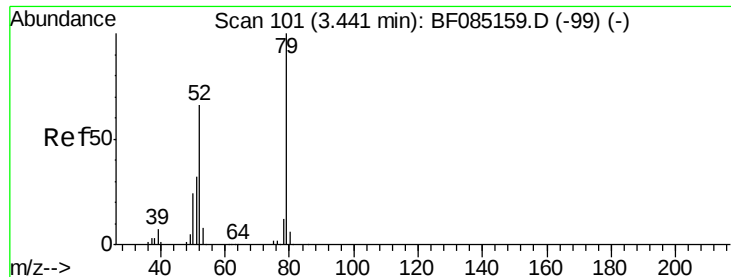
Ion Ratio Lower Upper

88 100

58 69.7 57.0 85.6

43 24.8 20.5 30.7





#3

Pyridine

Concen: 45.44 ng

RT: 3.43 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

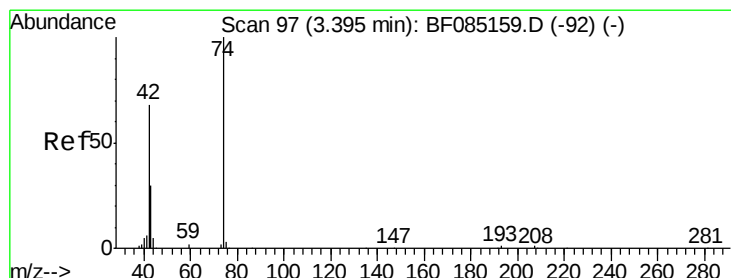
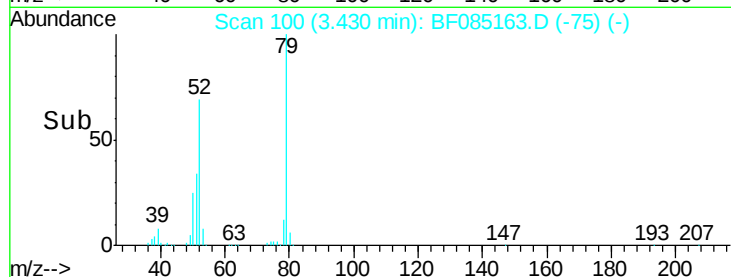
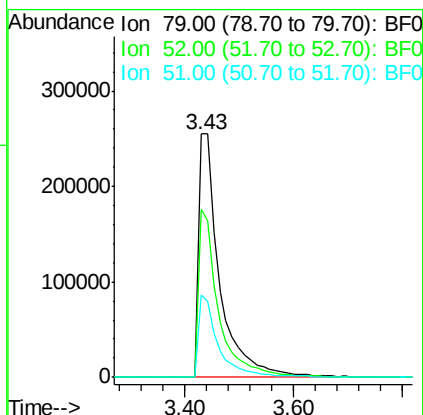
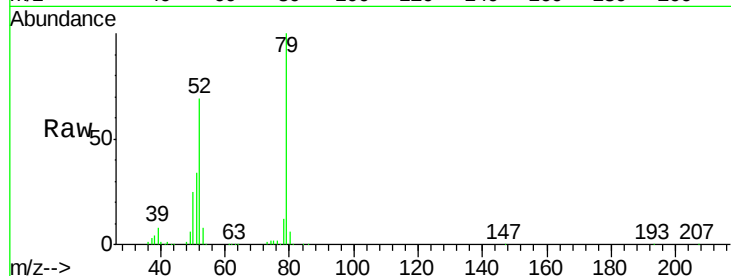
ClientSampleId :

ICVBF030316

Tgt Ion:	79	Resp:	677673
Ion Ratio	Lower	Upper	
79	100		
52	69.2	52.6	79.0
51	34.0	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 39.01 ng

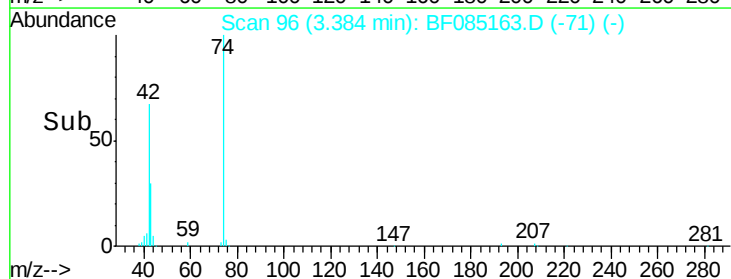
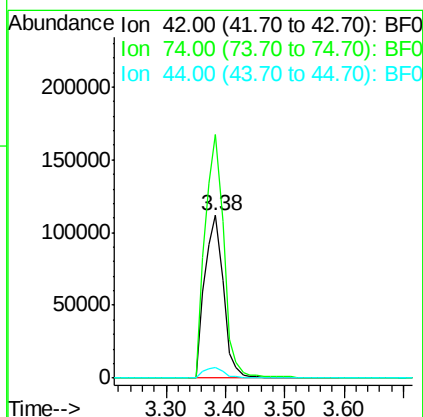
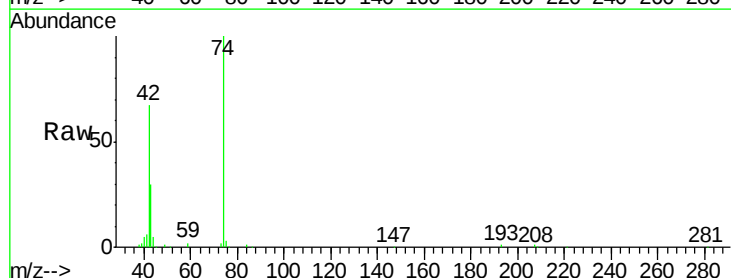
RT: 3.38 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	42	Resp:	248962
Ion Ratio	Lower	Upper	
42	100		
74	149.8	116.8	175.2
44	6.9	5.5	8.3





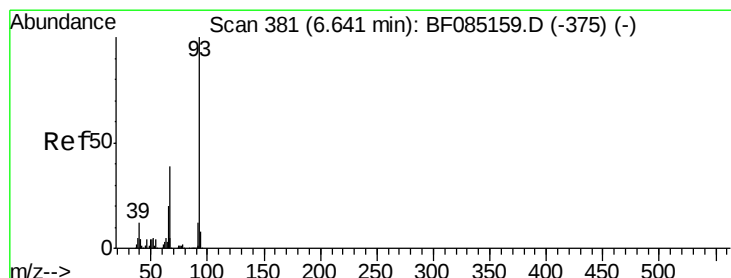
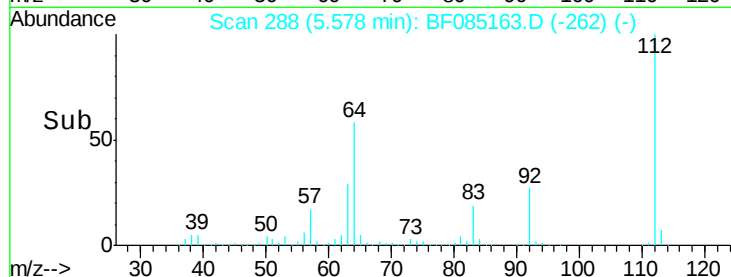
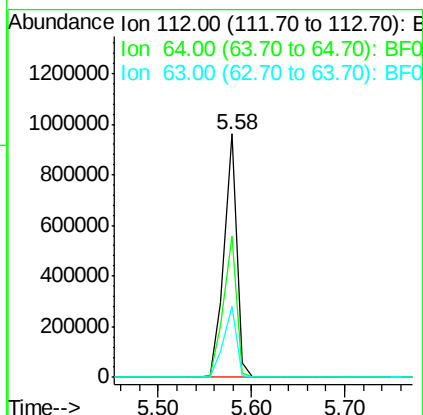
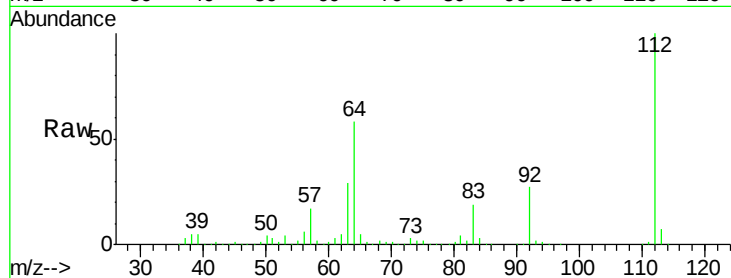
#5
2-Fluorophenol
Concen: 77.93 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	908015		
64	58.2	49.0	73.4	
63	29.1	24.8	37.2	

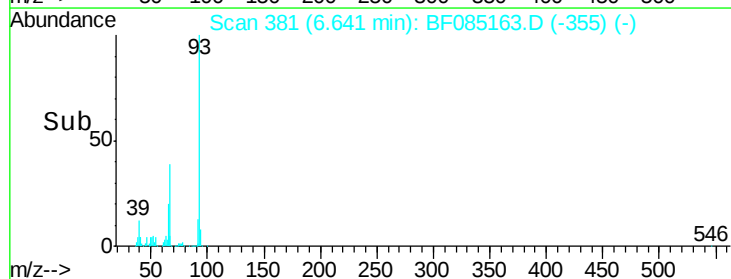
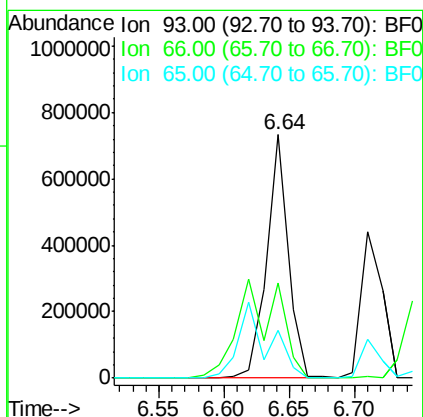
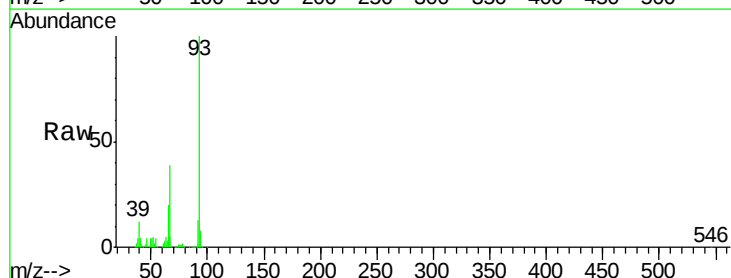
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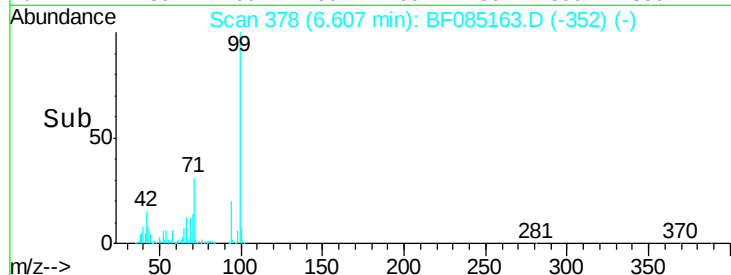
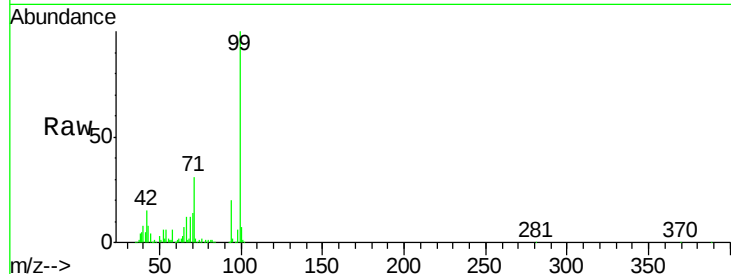
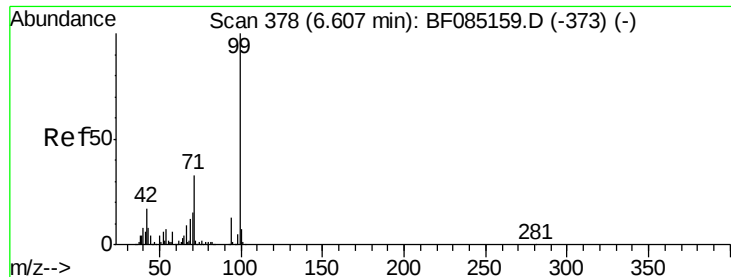
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#6
Aniline
Concen: 39.87 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	853124		
66	39.1	31.6	47.4	
65	19.6	15.8	23.8	





#7

Phenol-d6

Concen: 82.20 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	99	Resp:	1254760
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.6	20.4
71	31.2	26.7	40.1

Instrument :

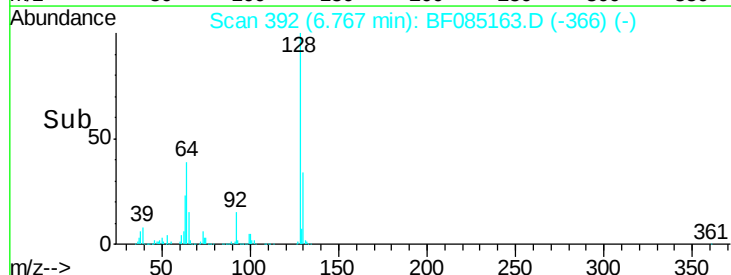
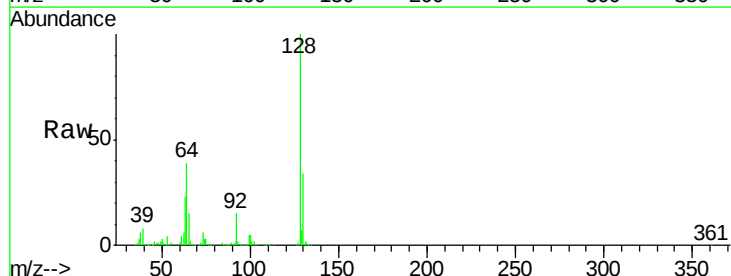
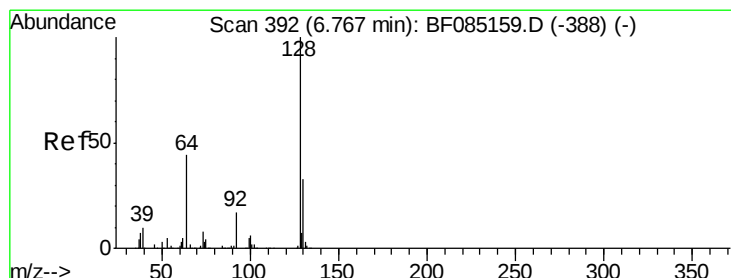
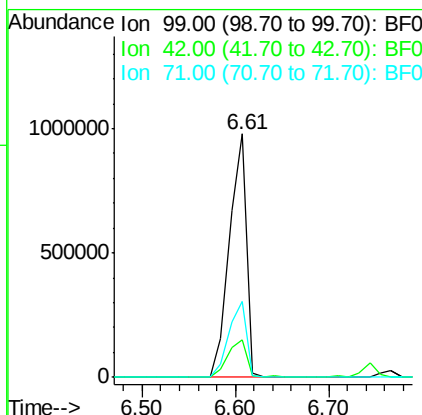
BNA_F

ClientSampleId :

ICVBF030316

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#8

2-Chlorophenol

Concen: 40.41 ng

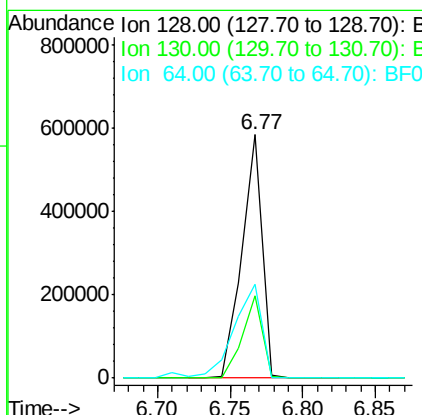
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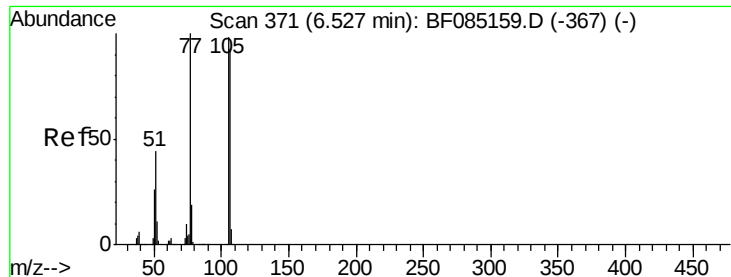
Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	128	Resp:	566782
Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.3	53.3
64	38.7	25.7	65.7





#9

Benzaldehyde

Concen: 53.60 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085163.D

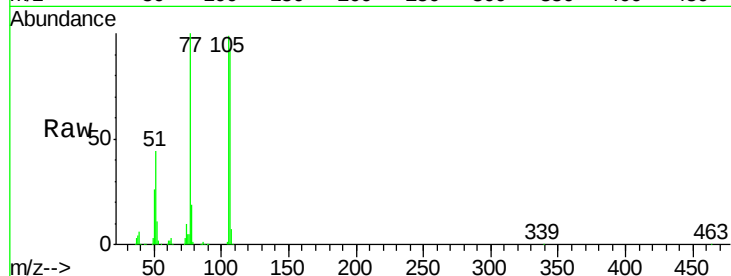
Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316



Tgt Ion: 77 Resp: 353438

Ion Ratio Lower Upper

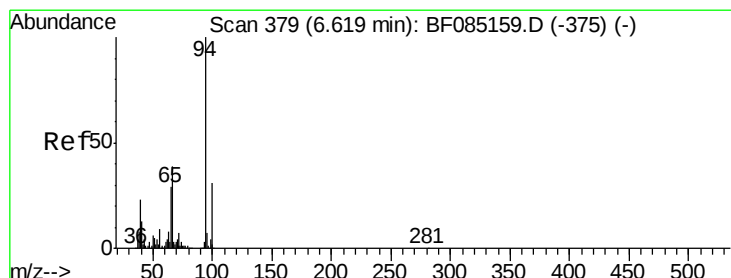
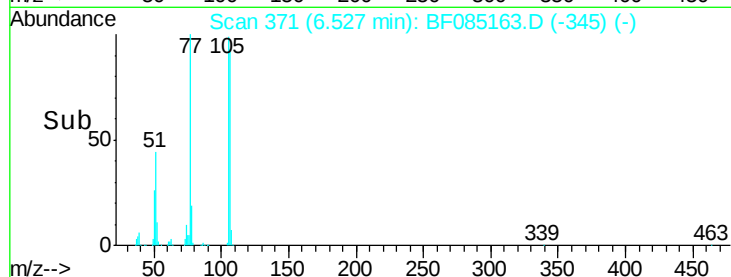
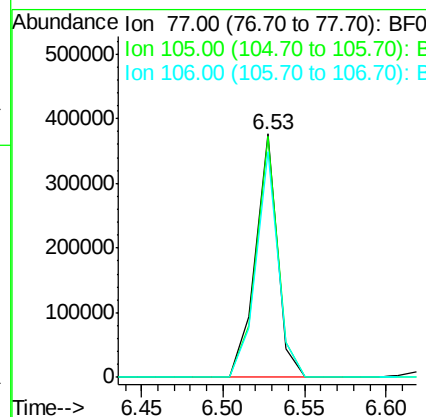
77 100

105 99.0 78.2 118.2

106 92.6 72.9 112.9

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#10

Phenol

Concen: 46.81 ng m

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085163.D

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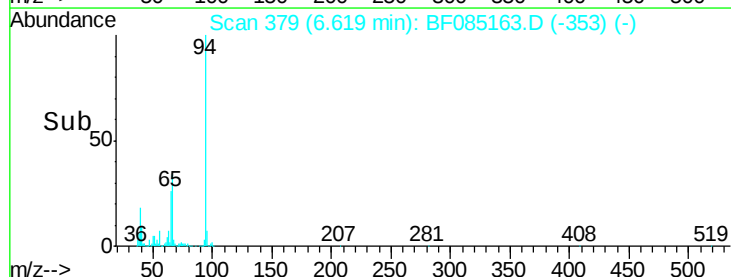
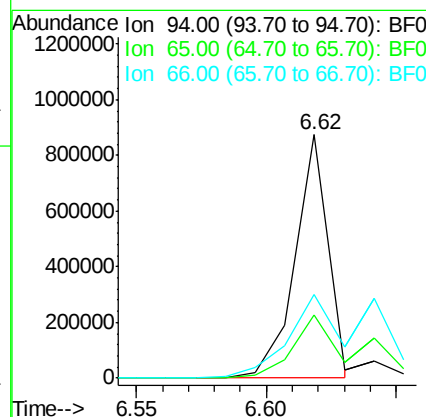
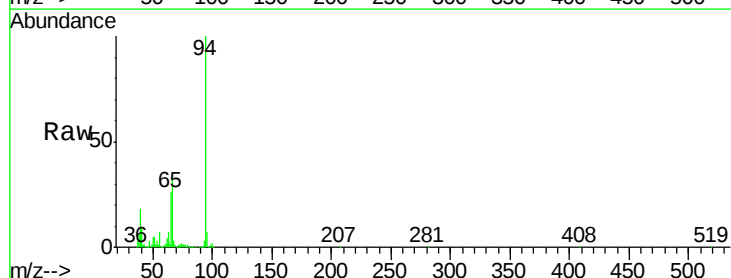
Tgt Ion: 94 Resp: 765375

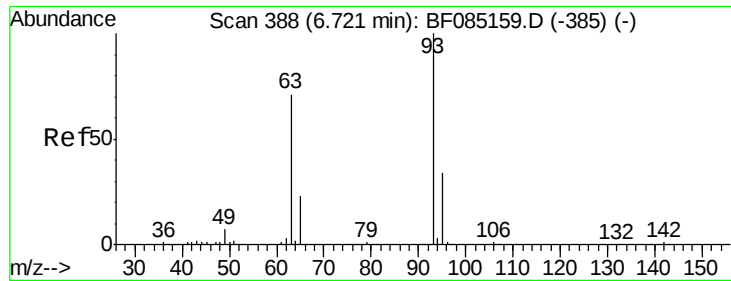
Ion Ratio Lower Upper

94 100

65 26.0 9.1 49.1

66 34.3 19.3 59.3





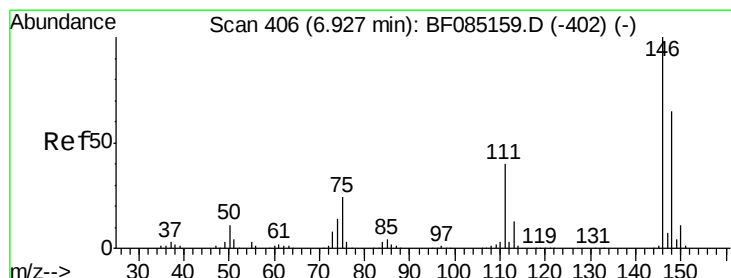
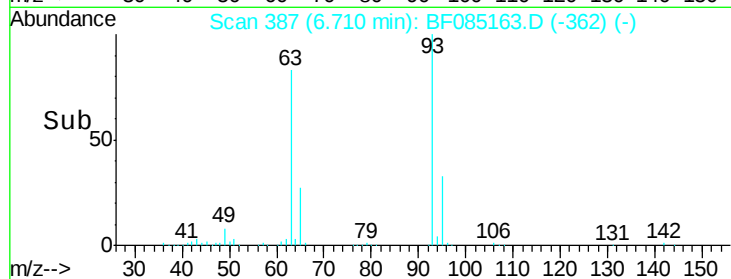
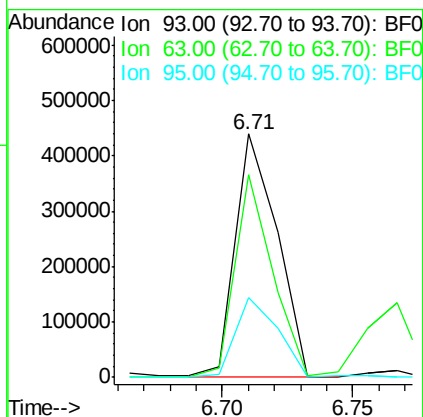
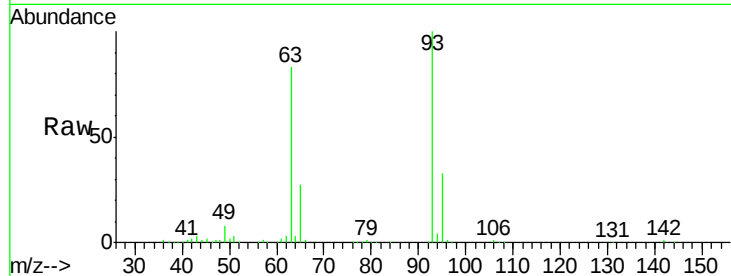
#11
bis(2-Chloroethyl)ether
Concen: 36.14 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490798		
63	83.3	50.9	90.9	
95	32.6	13.7	53.7	

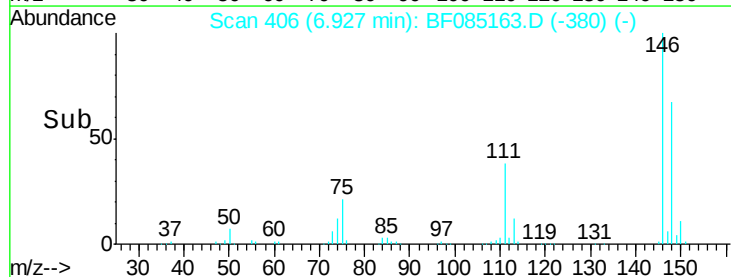
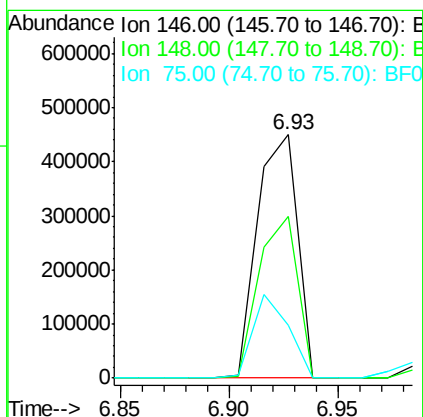
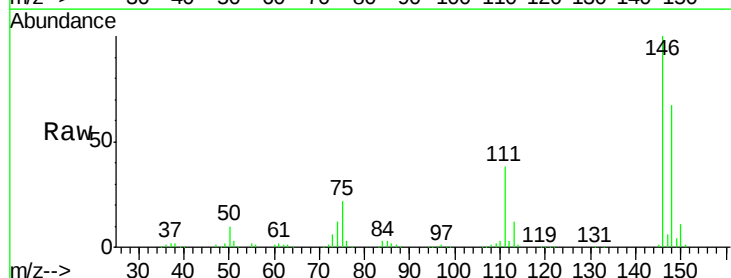
Manual Integrations
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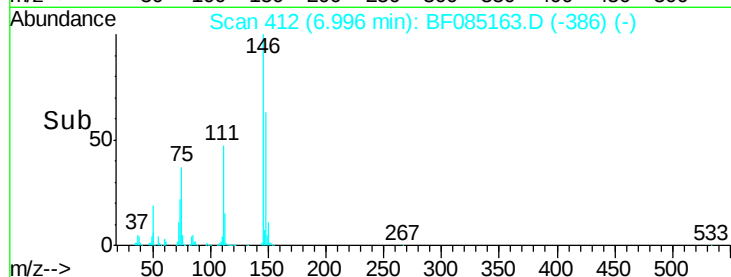
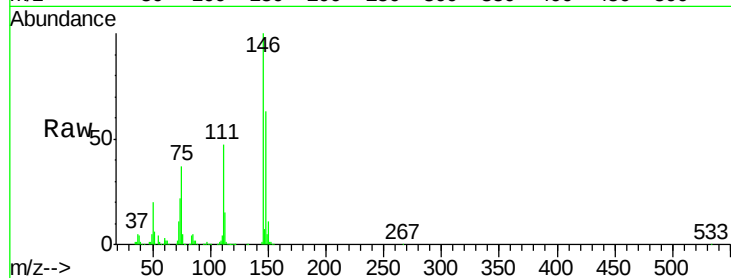
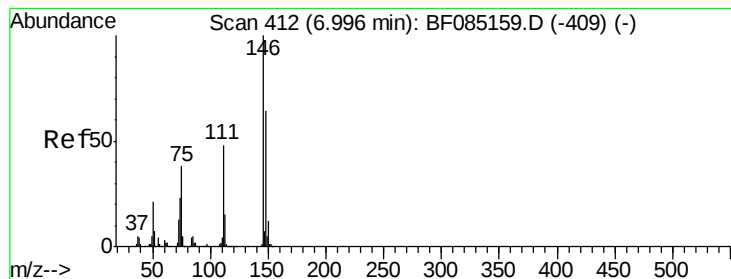
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#12
1,3-Dichlorobenzene
Concen: 38.68 ng
RT: 6.93 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	582527		
148	66.6	52.1	78.1	
75	21.8	19.5	29.3	





#13

1,4-Dichlorobenzene

Concen: 37.64 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	146	Resp:	568127
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.3	76.9
111	46.6	38.4	57.6

Instrument :

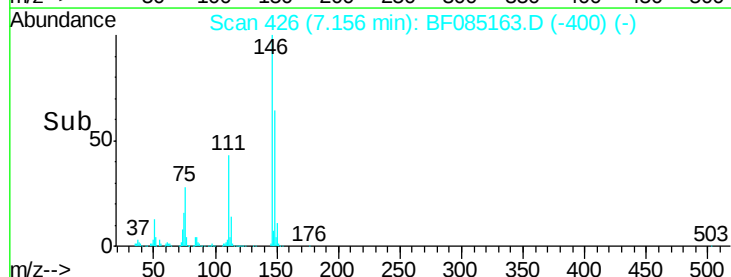
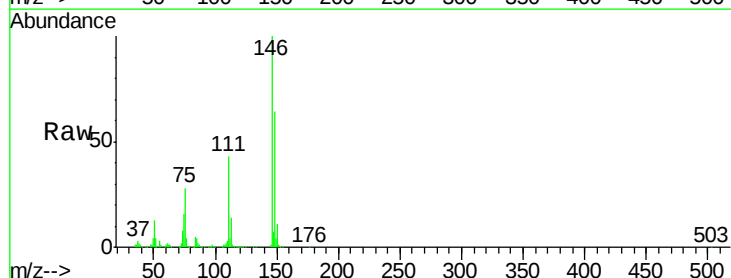
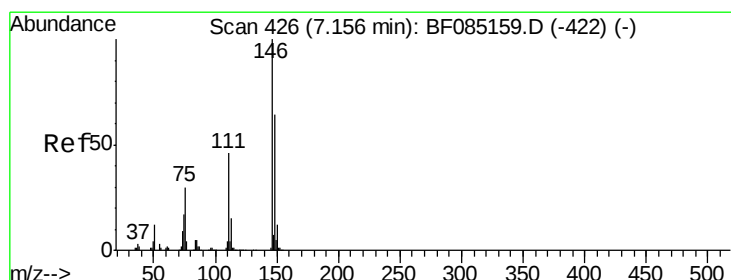
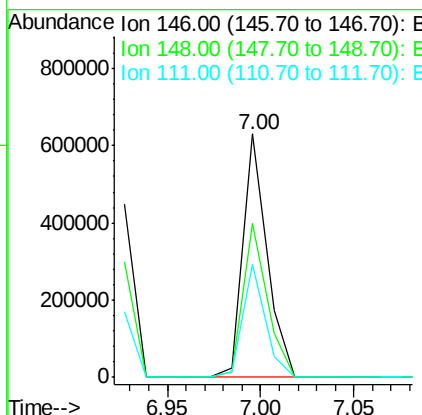
BNA_F

ClientSampleId :

ICVBF030316

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.18 ng

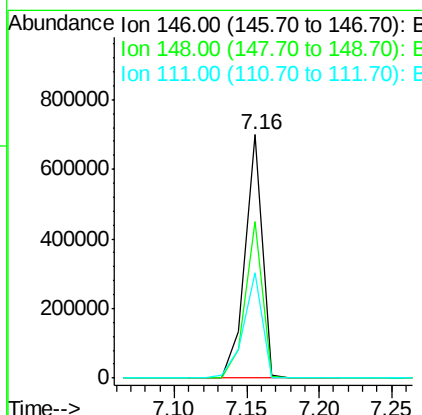
RT: 7.16 min Scan# 426

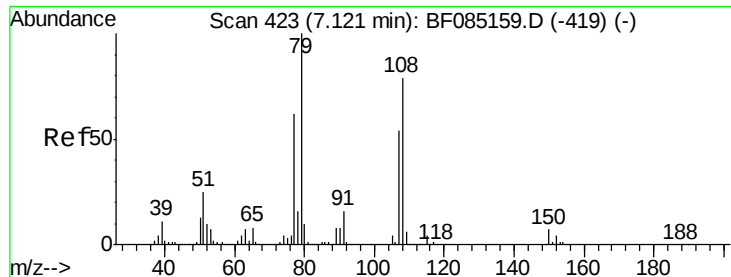
Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	146	Resp:	577596
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.2
111	43.3	36.7	55.1





#15

Benzyl Alcohol

Concen: 46.52 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

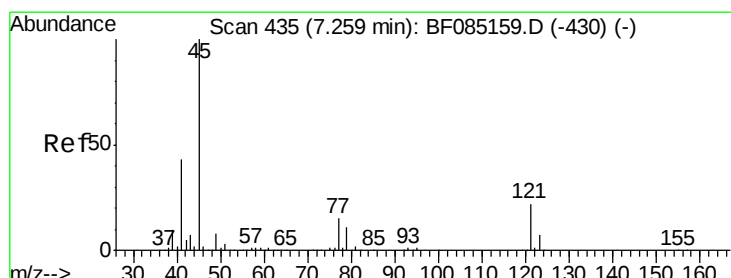
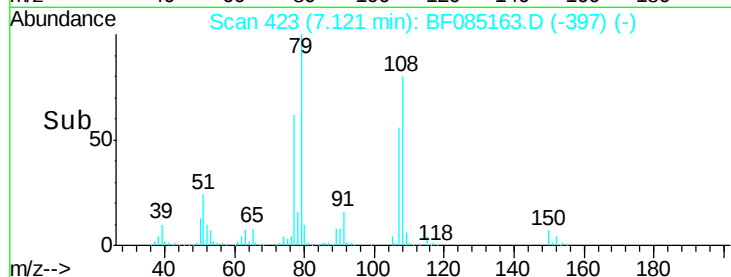
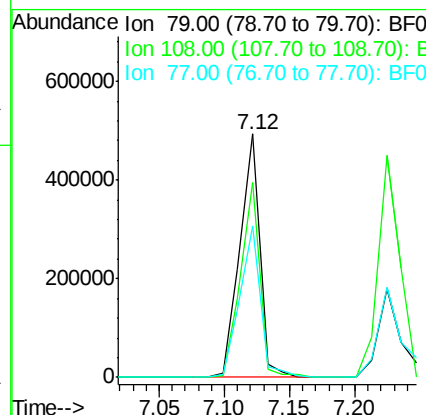
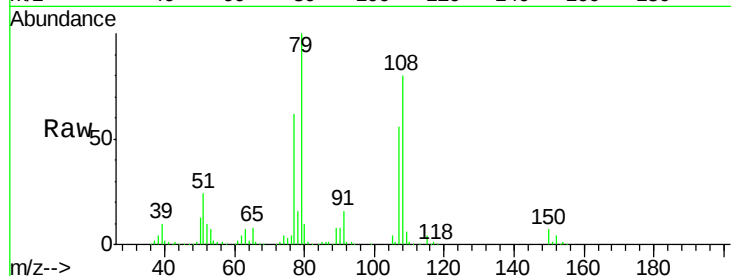
ClientSampleId :

ICVBF030316

Tgt Ion:	79	Resp:	521275
Ion Ratio	Lower	Upper	
79	100		
108	80.3	62.9	94.3
77	62.1	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.82 ng

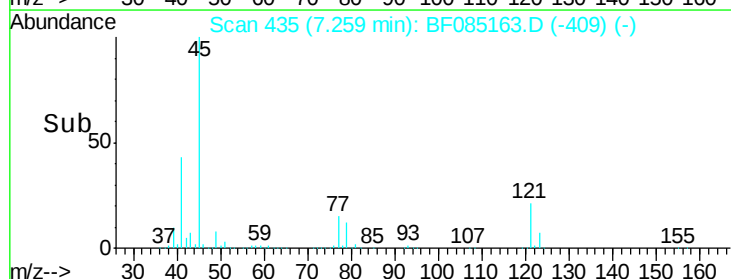
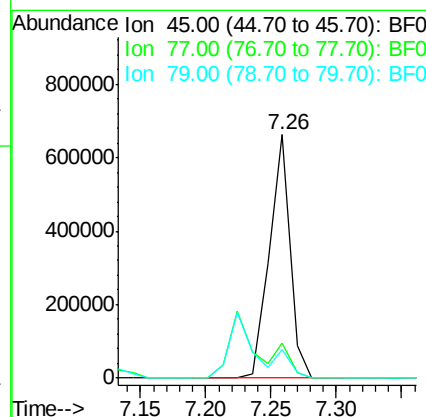
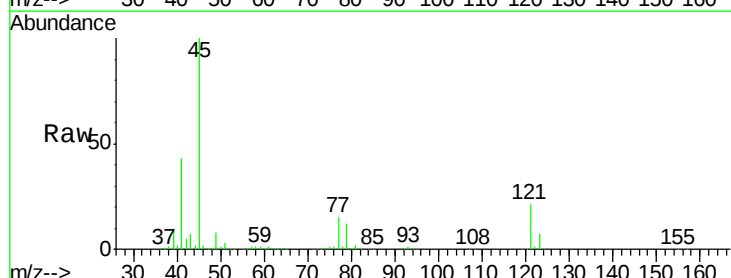
RT: 7.26 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	45	Resp:	740197
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	35.1
79	11.5	0.0	31.3





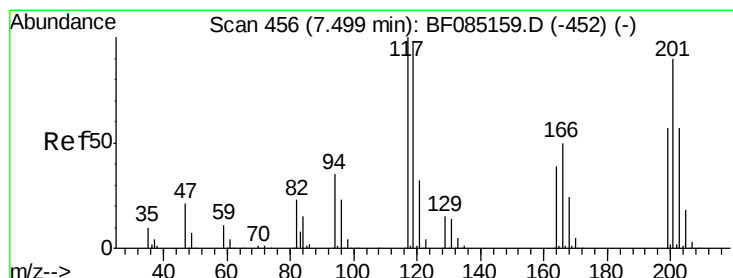
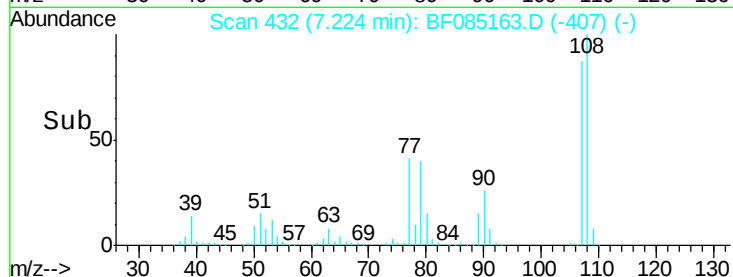
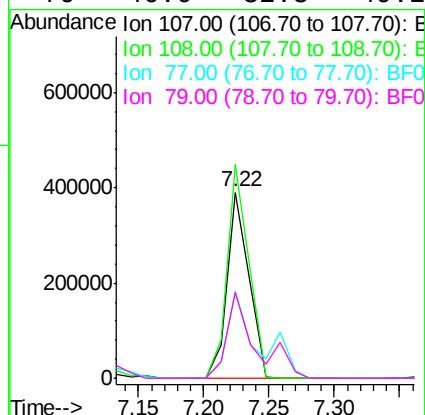
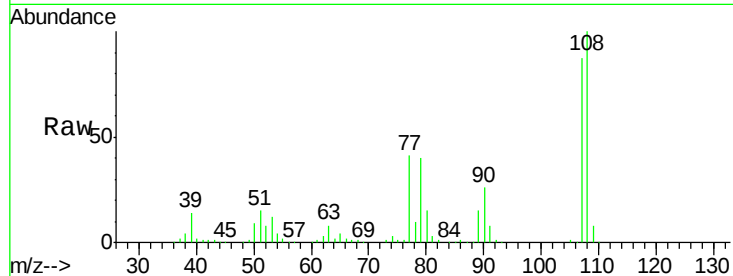
#17
2-Methylphenol
Concen: 39.51 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion:	107	Resp:	452207
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.9	136.3
77	47.0	32.6	48.8
79	46.0	32.8	49.2

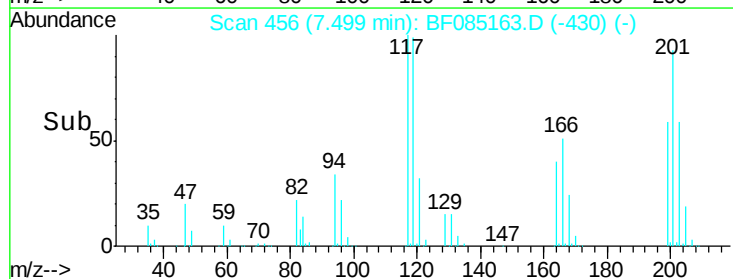
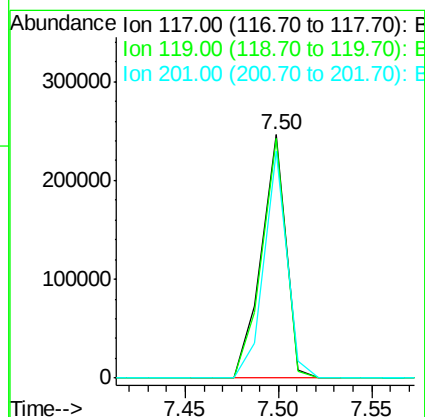
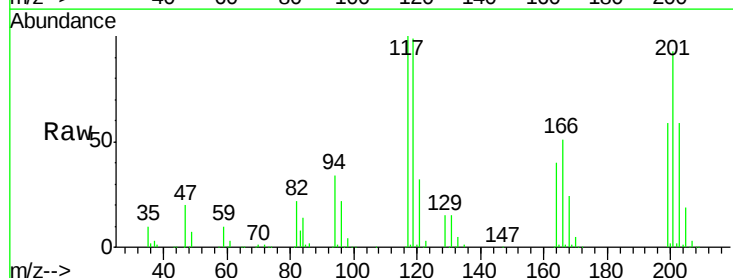
Manual Integrations
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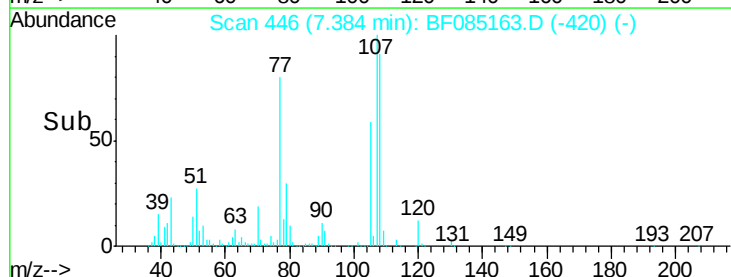
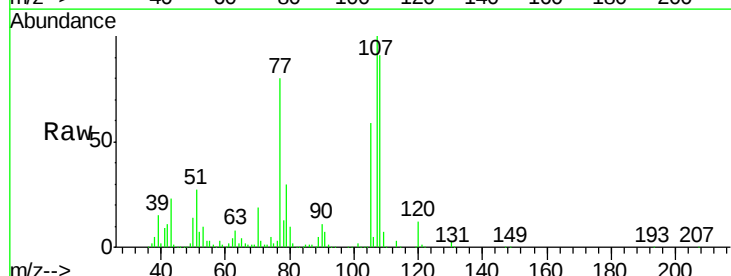
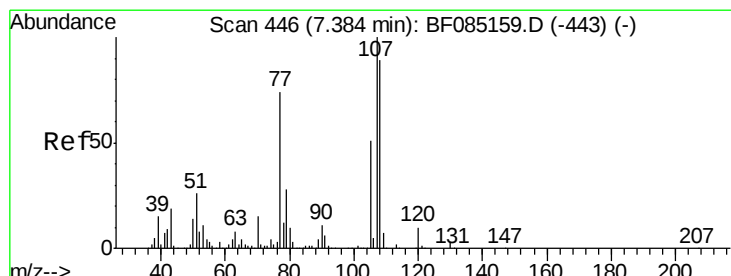
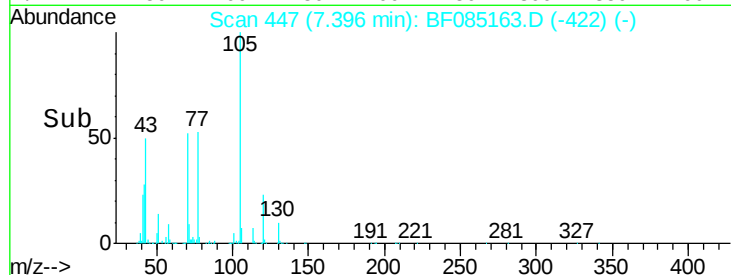
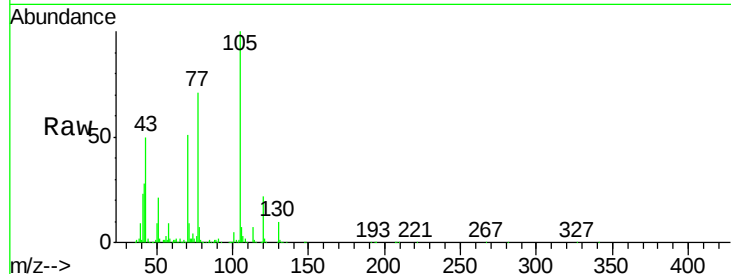
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#18
Hexachloroethane
Concen: 40.28 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion:	117	Resp:	224290
Ion Ratio	Lower	Upper	
117	100		
119	98.6	78.2	117.4
201	93.4	72.0	108.0





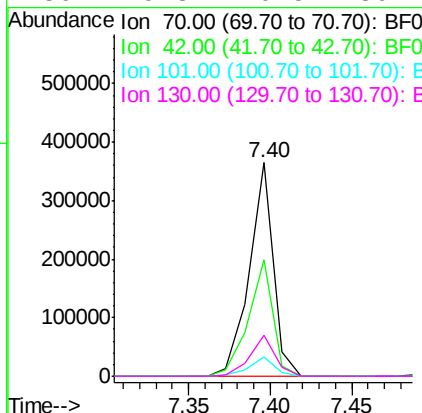
#19
n-Nitroso-di-n-propylamine
Concen: 37.62 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.6	37.7	56.5
101	9.2	8.2	12.4
130	19.3	20.5	30.7#

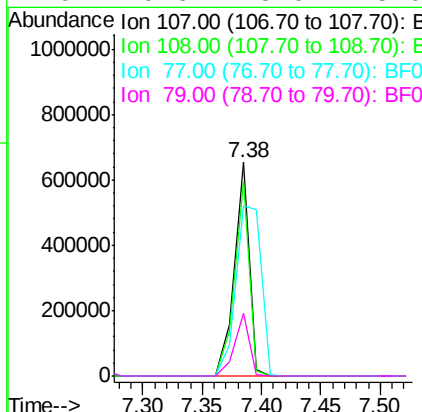
Manual Integrations
APPROVED

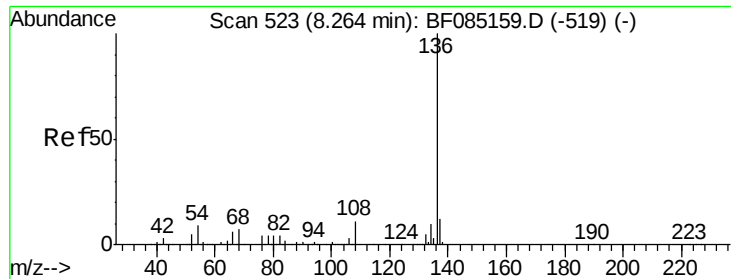
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#20
3+4-Methylphenols
Concen: 42.23 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.8	108.8
77	79.7	53.6	93.6
79	29.6	8.0	48.0





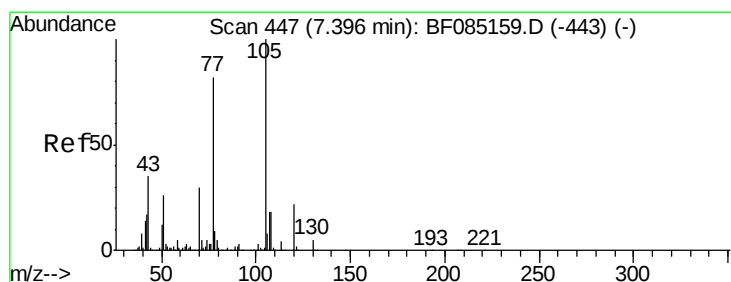
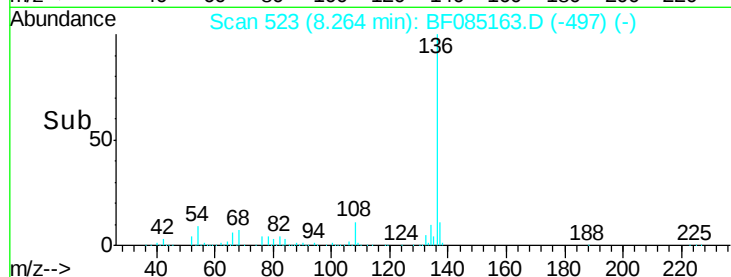
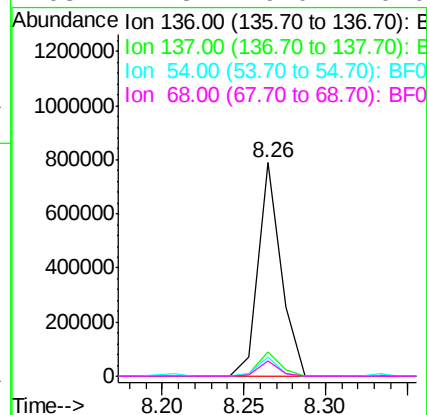
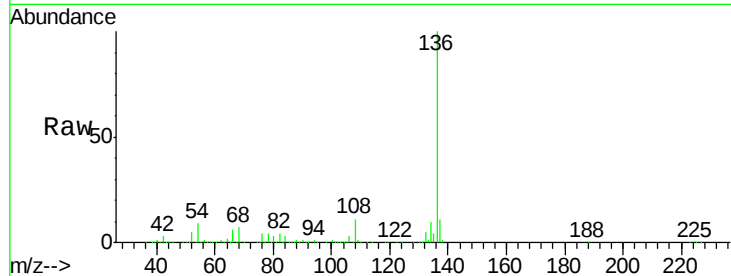
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	766729		
137	11.2	9.3	13.9	
54	9.1	7.4	11.2	
68	7.3	6.0	9.0	

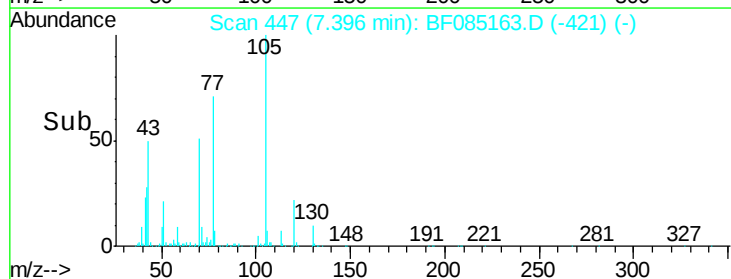
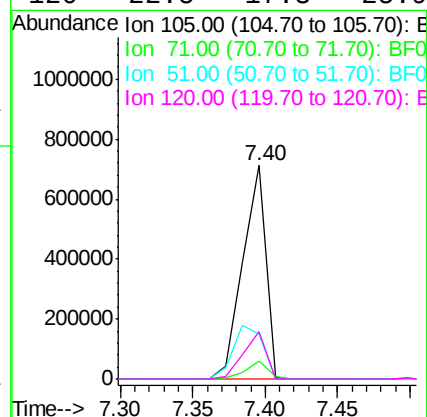
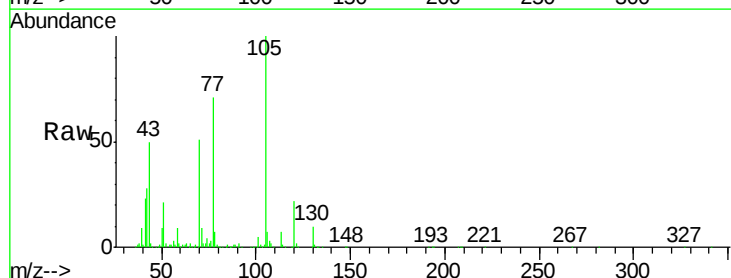
Manual Integrations
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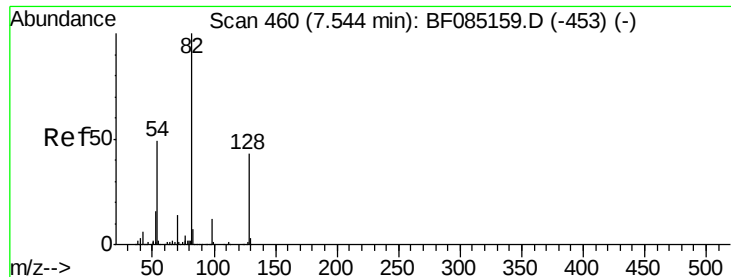
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#22
Acetophenone
Concen: 42.13 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	788377		
71	8.7	4.1	6.1#	
51	21.3	21.1	31.7	
120	22.5	17.3	25.9	





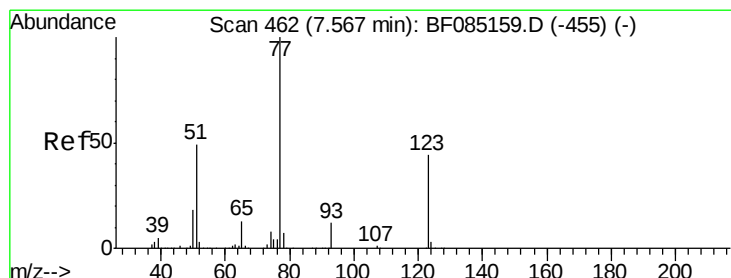
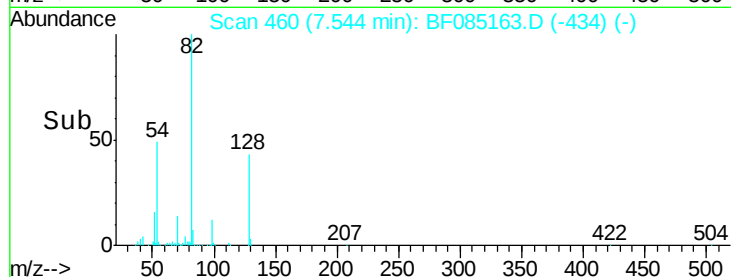
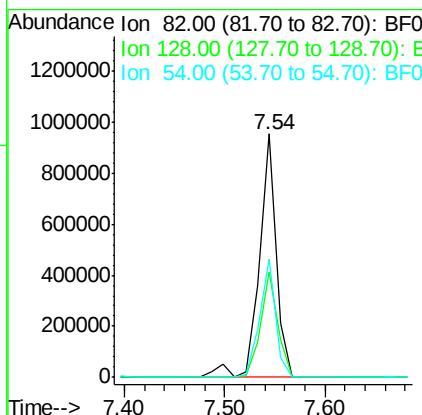
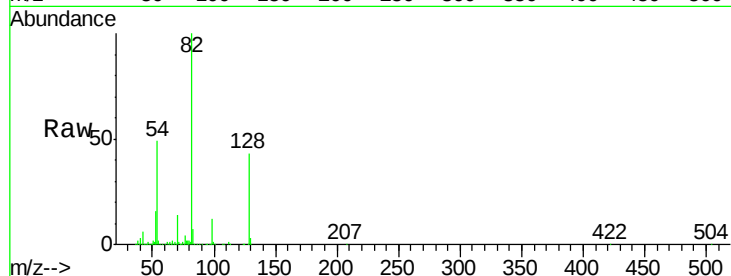
#23
Nitrobenzene-d5
Concen: 77.62 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion: 82 Resp: 1112199
Ion Ratio Lower Upper
82 100
128 43.4 34.5 51.7
54 48.8 39.3 58.9

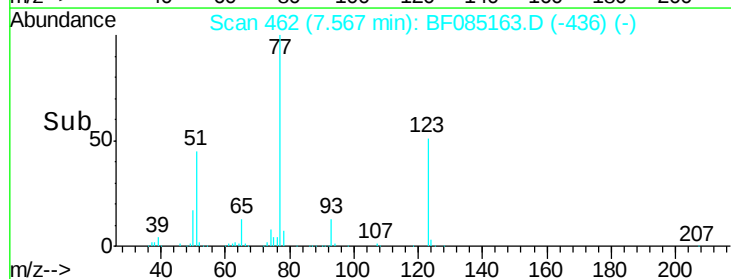
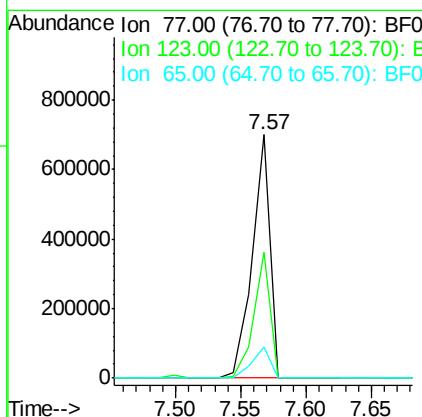
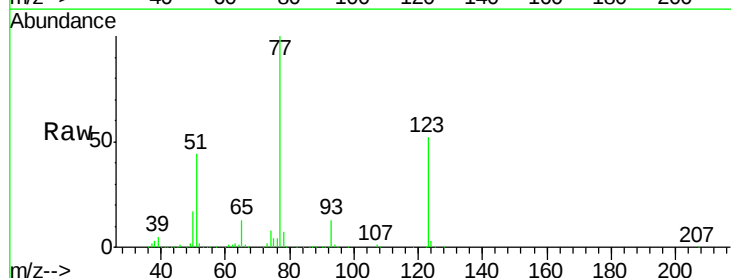
Manual Integrations
APPROVED

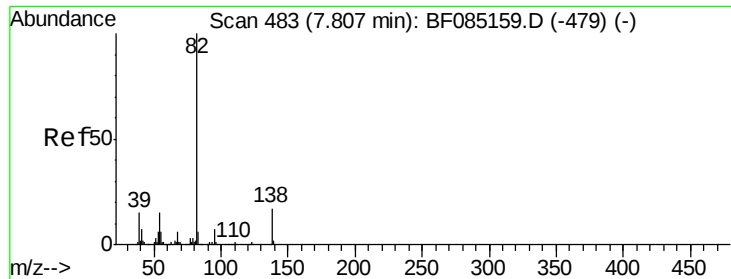
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#24
Nitrobenzene
Concen: 45.36 ng
RT: 7.57 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion: 77 Resp: 660290
Ion Ratio Lower Upper
77 100
123 51.7 35.4 53.2
65 12.7 10.6 16.0





#25

Isophorone

Concen: 41.88 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085163.D

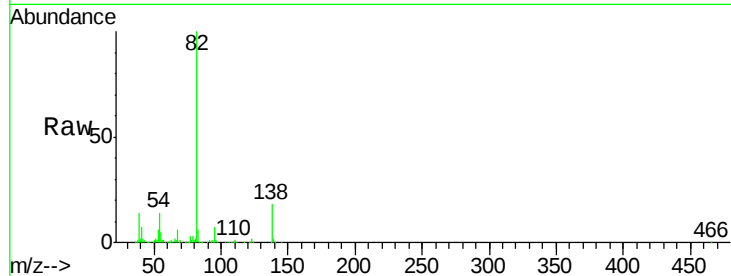
Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316



Tgt Ion: 82 Resp: 1111920

Ion Ratio Lower Upper

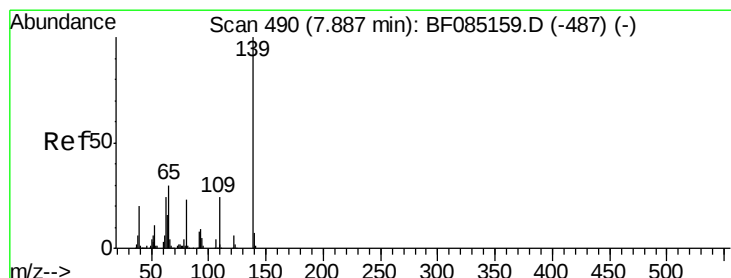
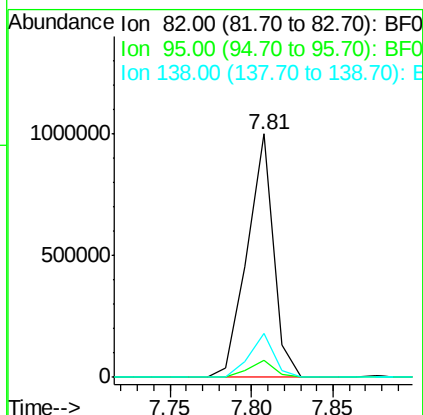
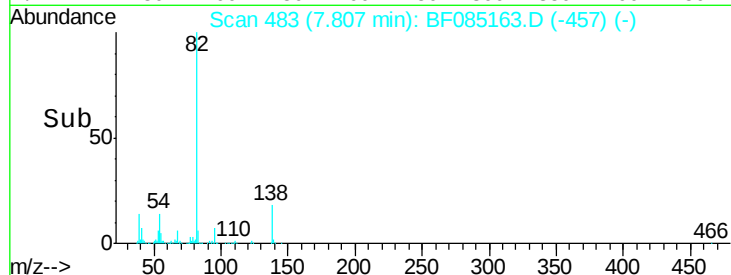
82 100

95 7.2 5.4 8.2

138 18.2 13.3 19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.70 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

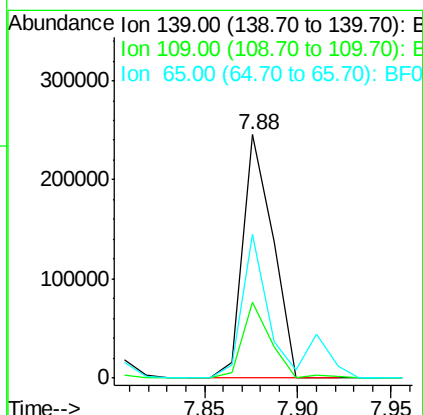
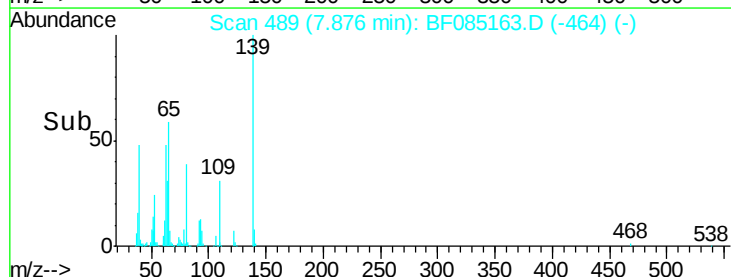
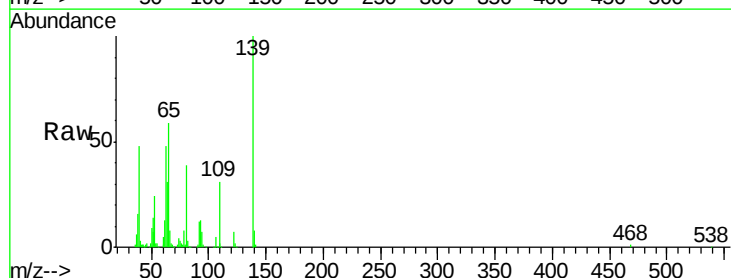
Tgt Ion: 139 Resp: 274113

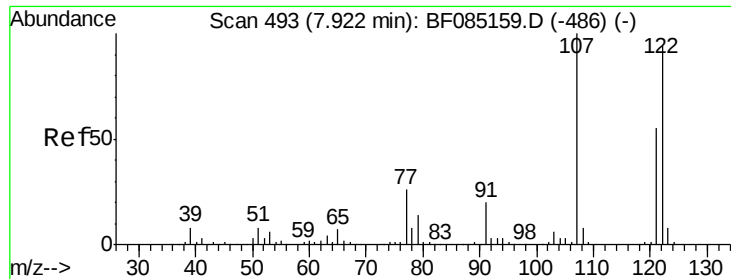
Ion Ratio Lower Upper

139 100

109 31.3 19.1 28.7#

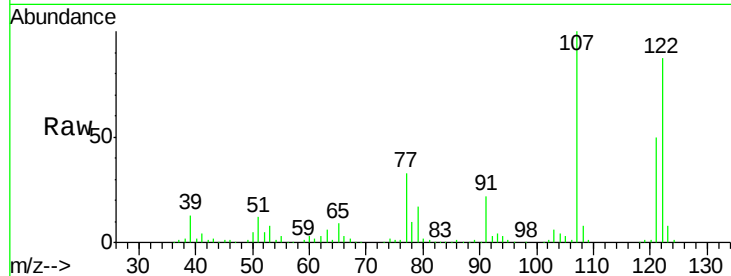
65 58.9 23.9 35.9#





#27
 2,4-Dimethylphenol
 Concen: 39.10 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

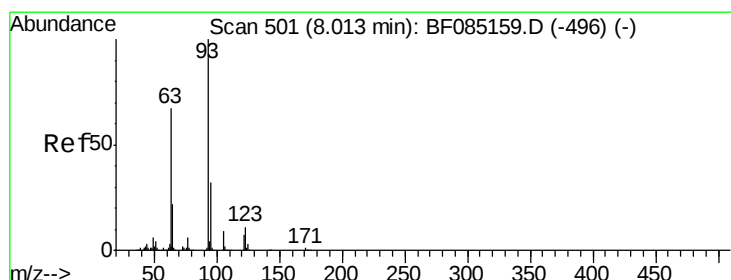
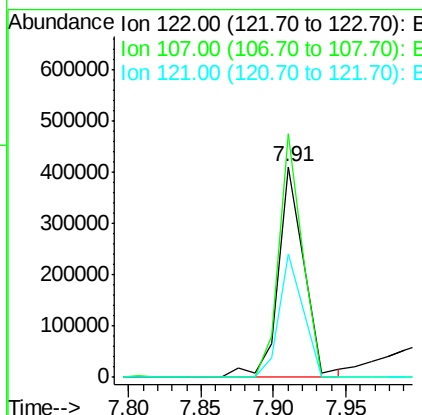
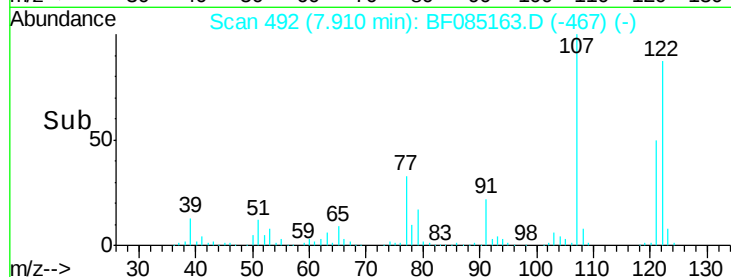
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	506197		
107	115.4	84.8	127.2	
121	58.3	47.0	70.6	

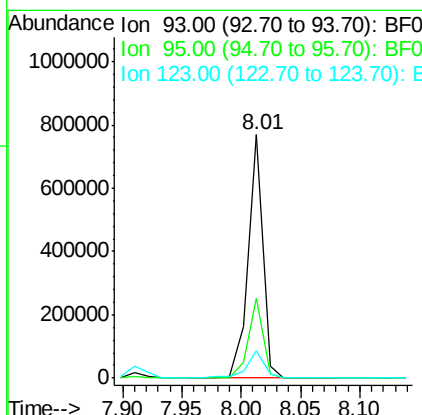
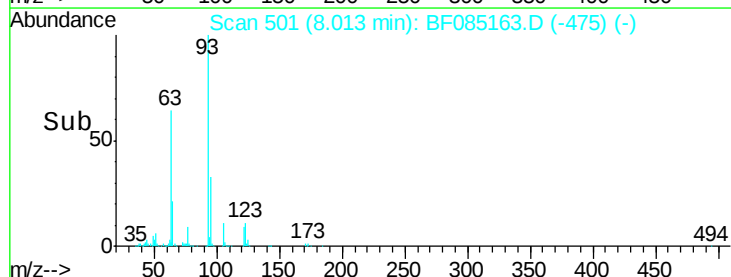
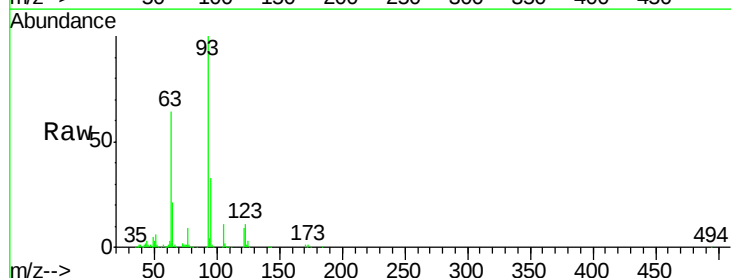
Manual Integrations
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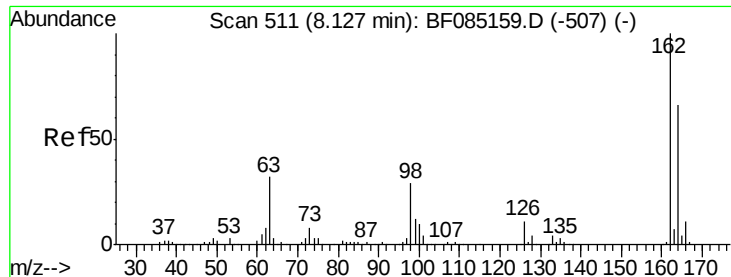
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.27 ng
 RT: 8.01 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	669500		
95	32.7	25.9	38.9	
123	11.4	8.8	13.2	





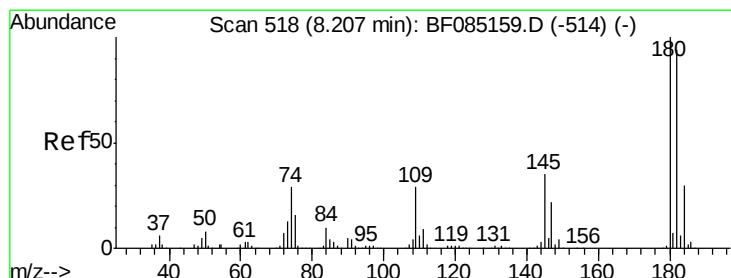
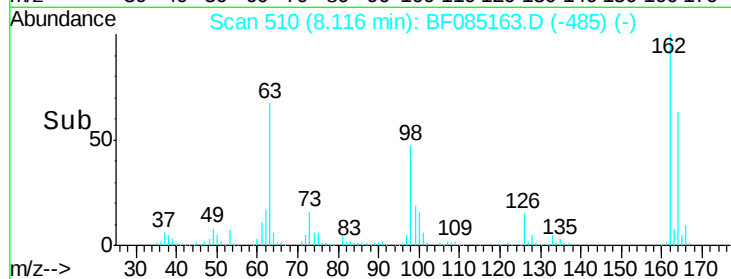
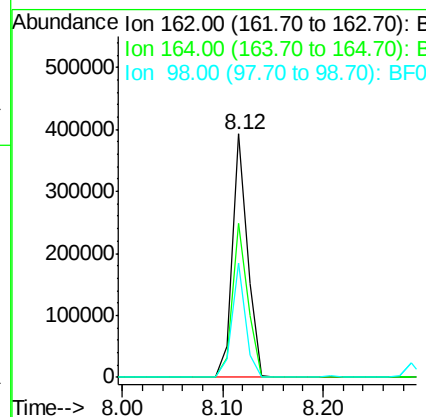
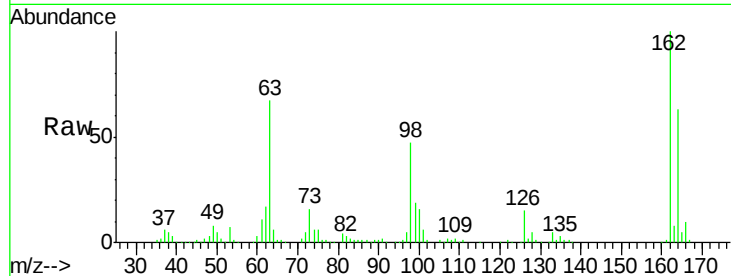
#29
 2,4-Dichlorophenol
 Concen: 39.48 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	412173		
164	63.4	45.7	85.7	
98	47.0	9.4	49.4	

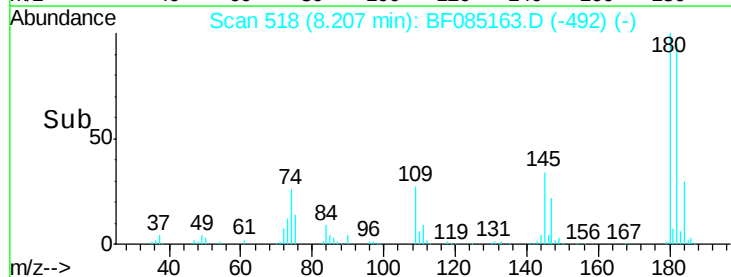
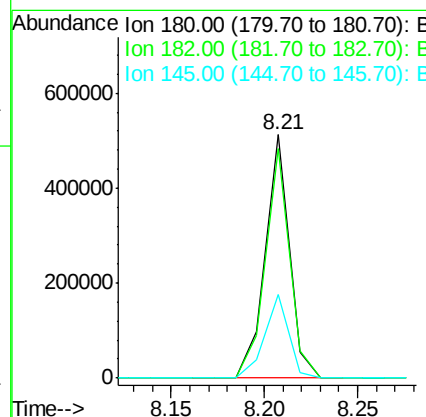
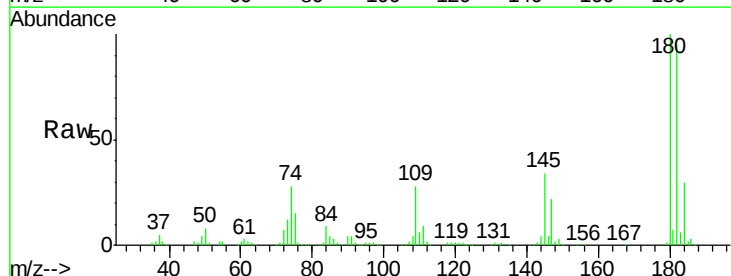
Manual Integrations
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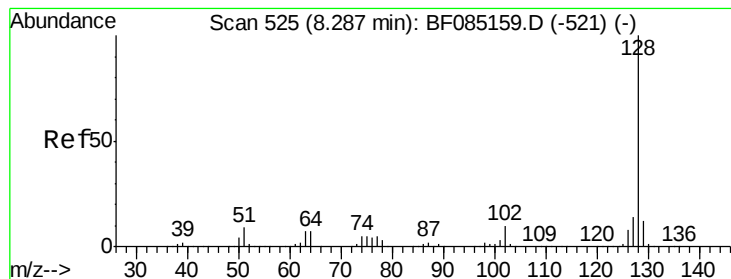
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.54 ng
 RT: 8.21 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	457626		
182	94.5	74.9	112.3	
145	34.2	27.9	41.9	





#31

Naphthalene

Concen: 38.57 ng

RT: 8.29 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316

Tgt Ion:128 Resp: 1454207

Ion Ratio Lower Upper

128 100

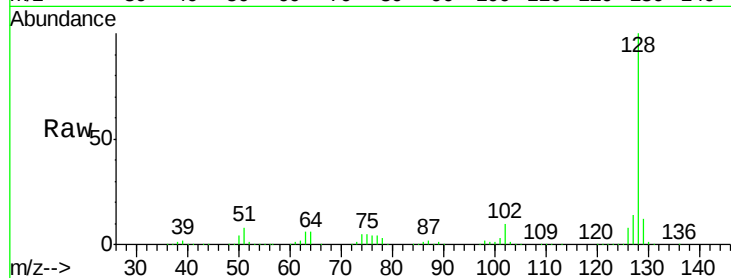
129 11.7 9.7 14.5

127 13.8 11.2 16.8

Manual Integrations
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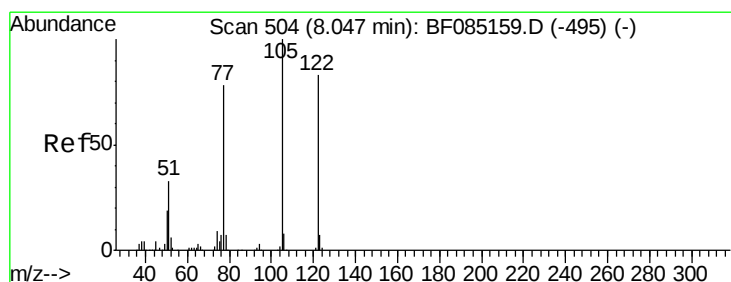
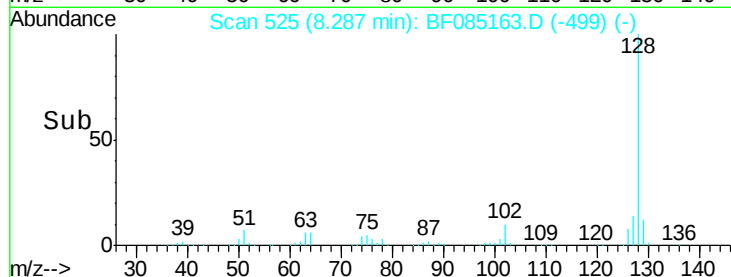
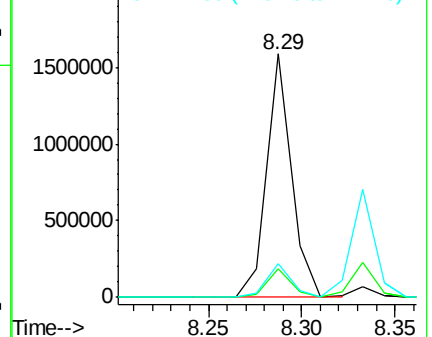
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.85 ng

RT: 8.02 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

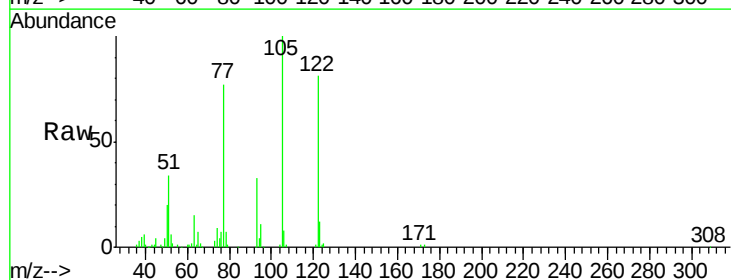
Tgt Ion:122 Resp: 299638

Ion Ratio Lower Upper

122 100

105 123.8 101.3 141.3

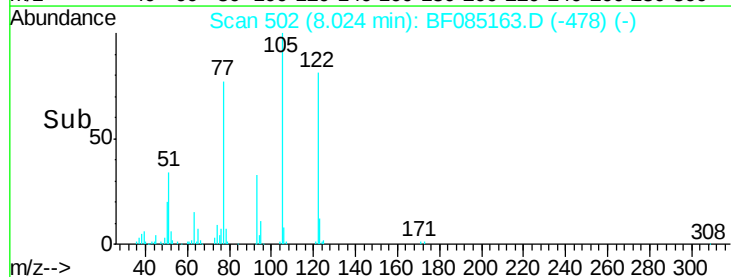
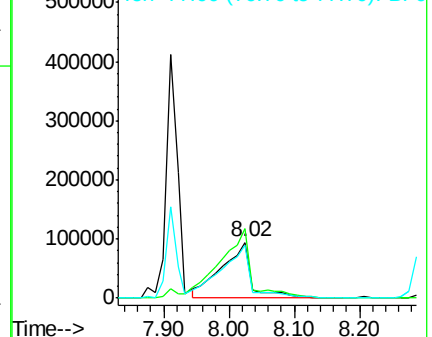
77 95.8 74.7 114.7

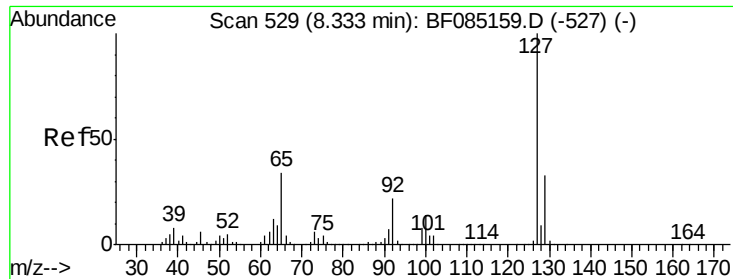


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





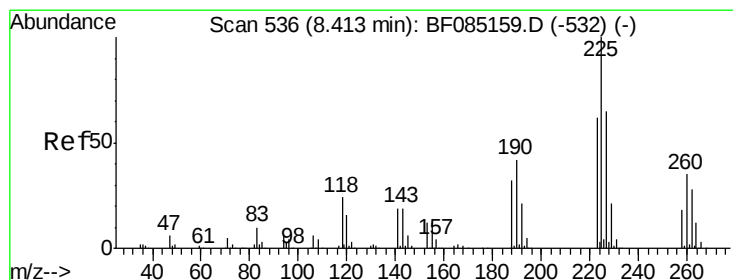
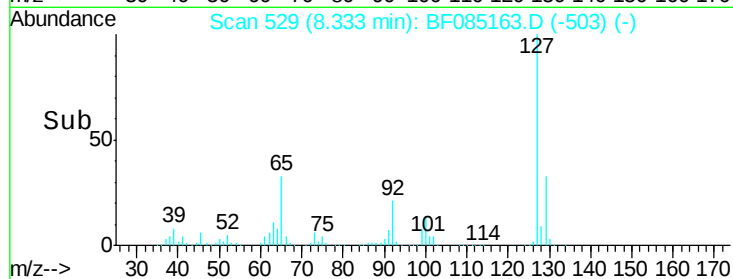
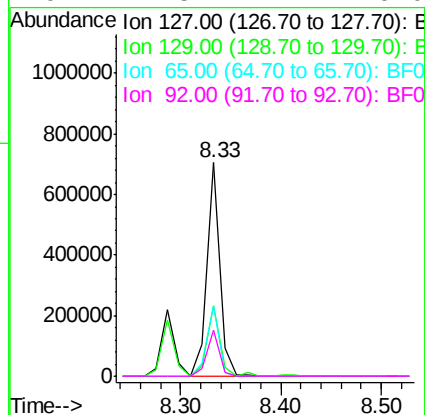
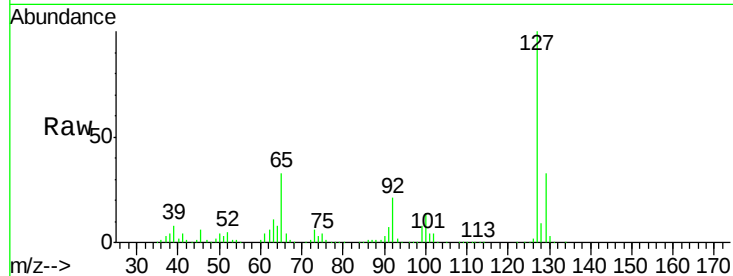
#33
4-Chloroaniline
Concen: 41.25 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	629107		
129	32.7	26.1	39.1	
65	33.0	27.0	40.6	
92	21.5	17.4	26.0	

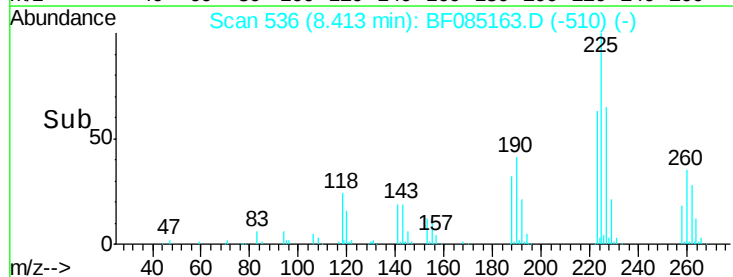
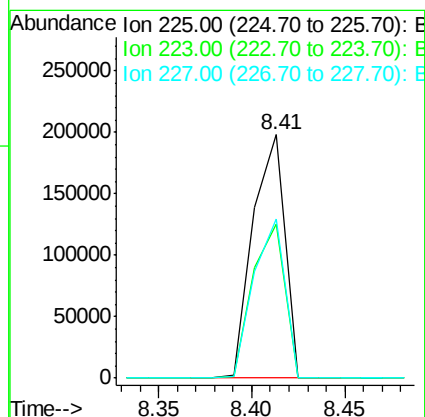
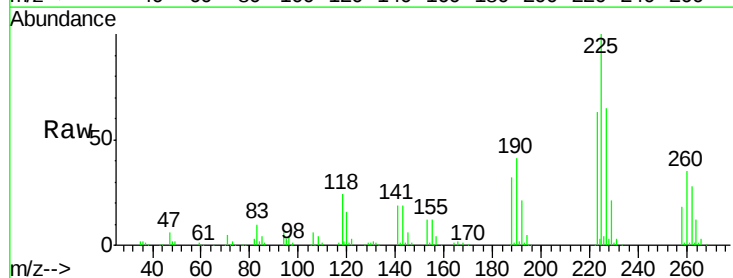
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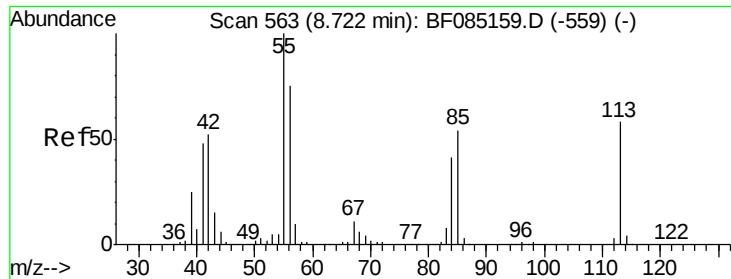
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#34
Hexachlorobutadiene
Concen: 39.72 ng
RT: 8.41 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233265		
223	63.0	49.7	74.5	
227	65.4	52.2	78.4	





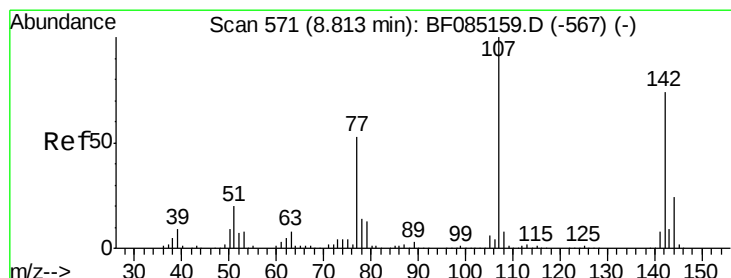
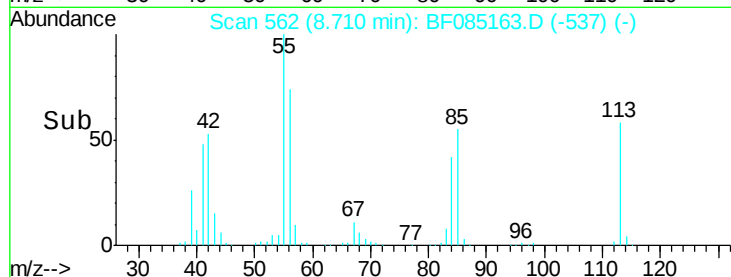
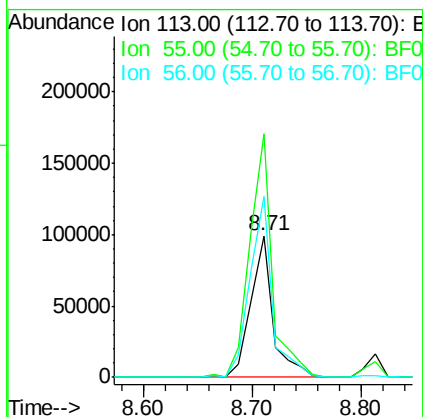
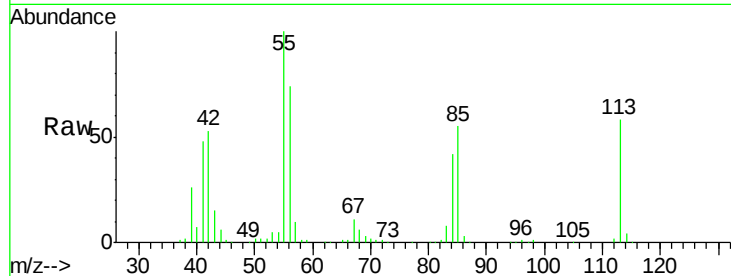
#35
 Caprolactam
 Concen: 41.36 ng
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion:113 Resp: 141005
 Ion Ratio Lower Upper
 113 100
 55 172.4 152.7 192.7
 56 128.2 109.0 149.0

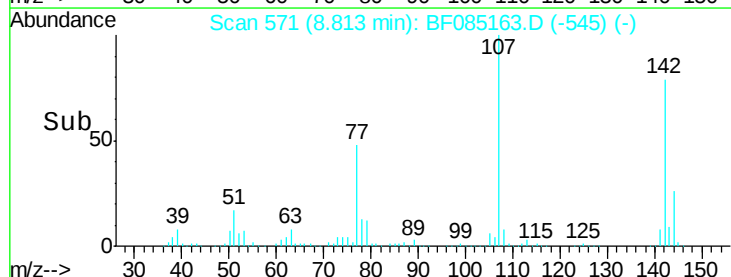
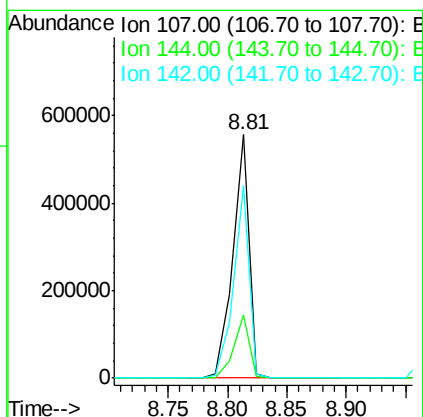
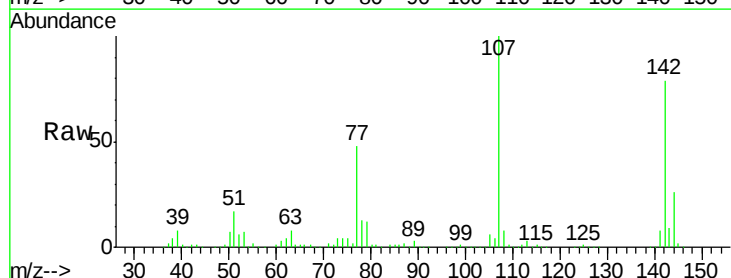
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#36
 4-Chloro-3-methylphenol
 Concen: 44.55 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion:107 Resp: 527640
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.4 29.2
 142 79.1 59.4 89.2





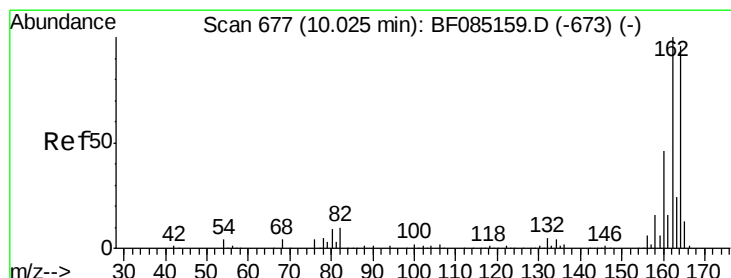
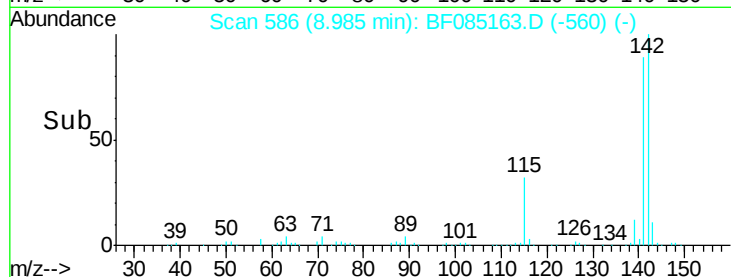
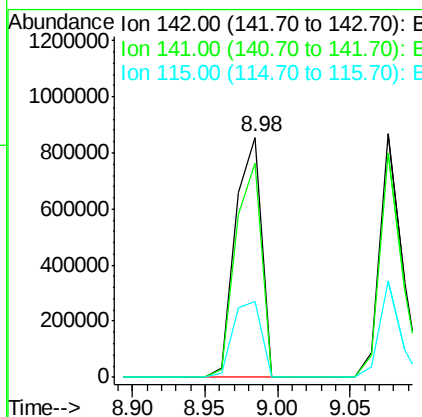
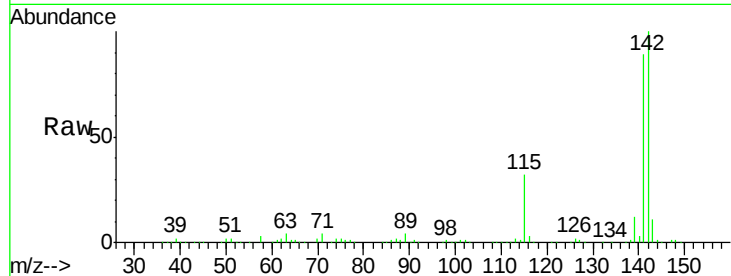
#37
2-Methylnaphthalene
Concen: 44.08 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion:142 Resp: 1066380
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 31.5 26.2 39.4

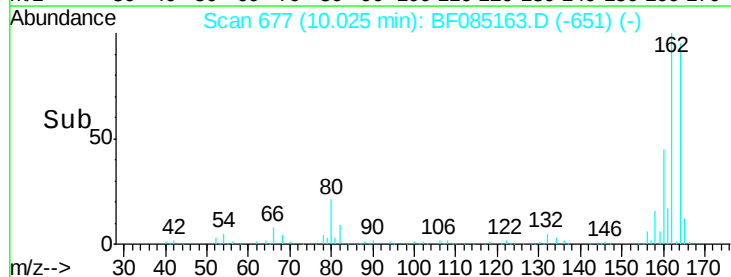
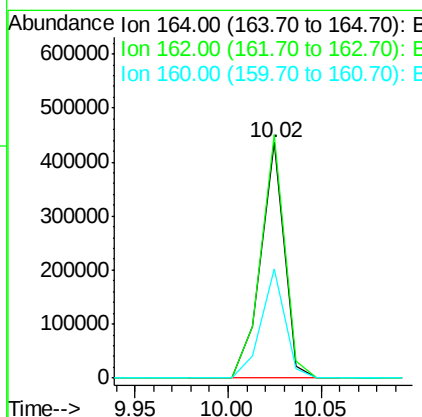
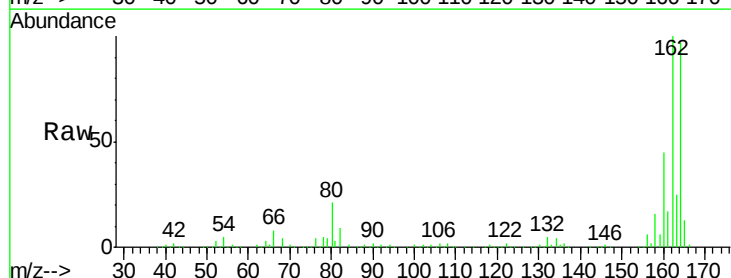
Manual Integrations
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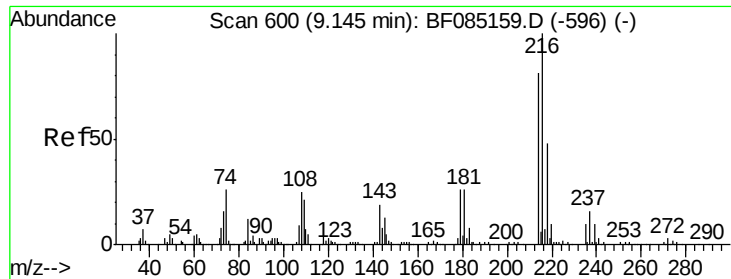
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion:164 Resp: 381345
Ion Ratio Lower Upper
164 100
162 103.2 83.3 124.9
160 46.4 37.9 56.9





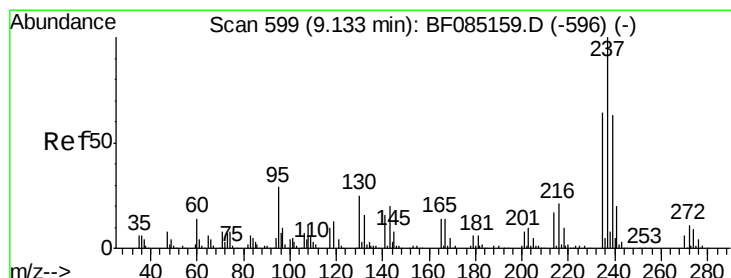
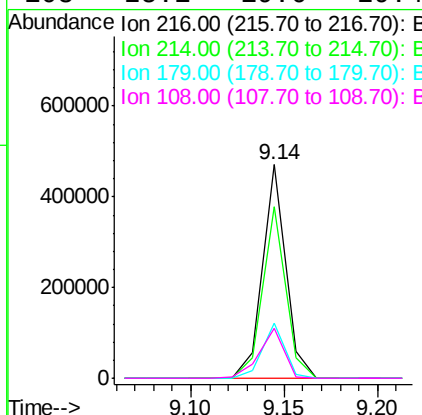
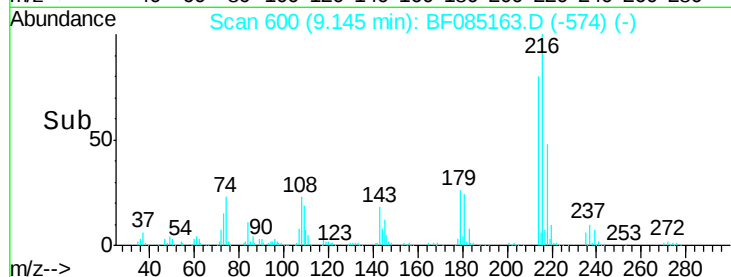
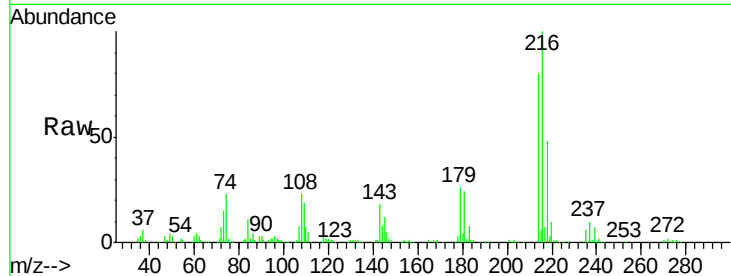
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.92 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Manual Integrations
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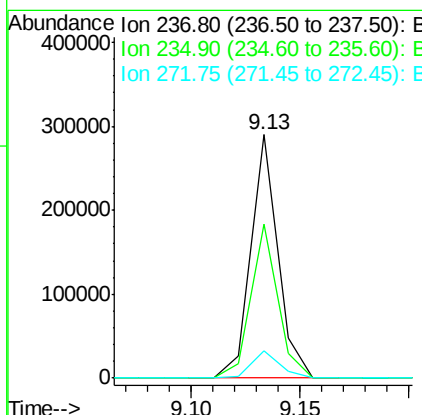
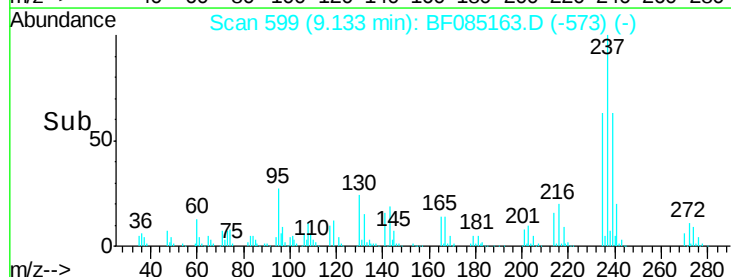
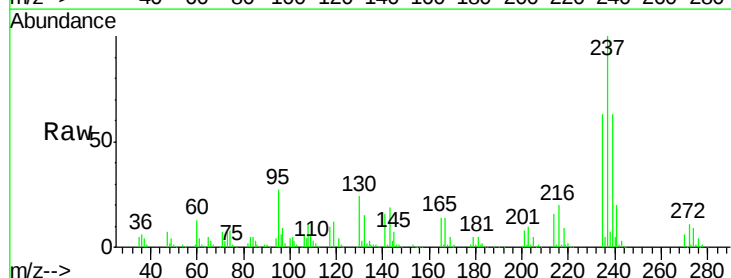
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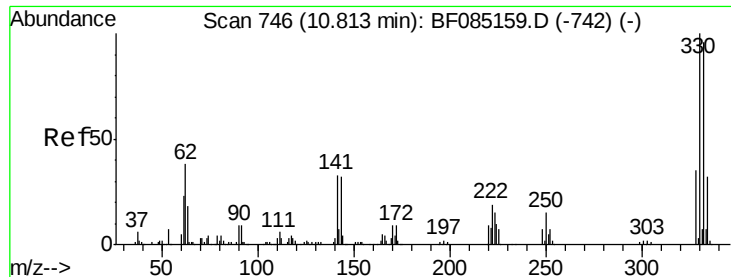
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	402685		
214	79.9	63.8	95.6	
179	24.8	19.6	29.4	
108	25.1	19.6	29.4	



#40
 Hexachlorocyclopentadiene
 Concen: 42.47 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	249813		
235	63.5	43.7	83.7	
272	11.4	0.0	31.5	





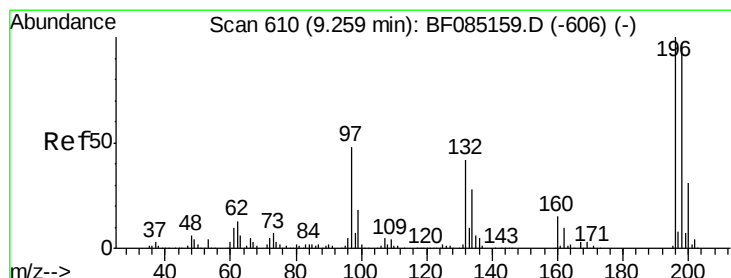
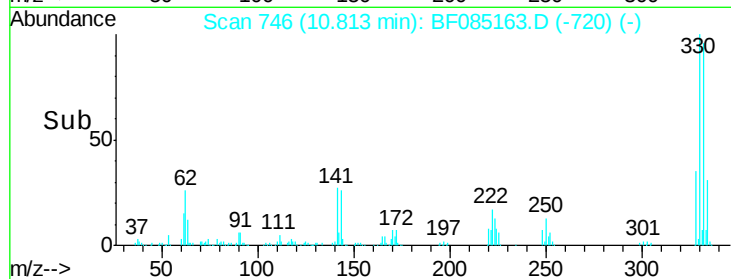
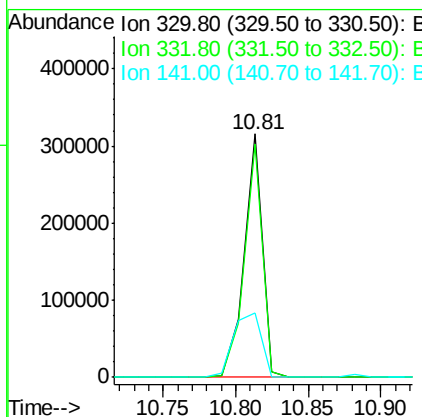
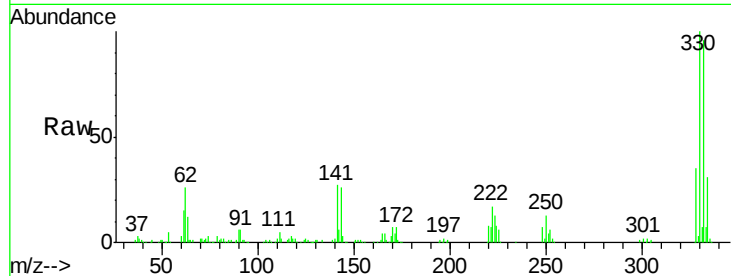
#41
 2,4,6-Tribromophenol
 Concen: 84.37 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275300		
332	95.4	77.1	115.7	
141	40.8	35.0	52.6	

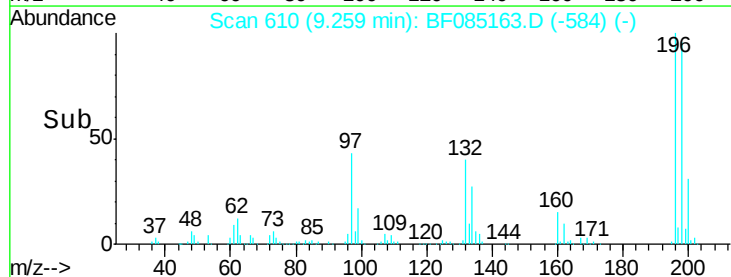
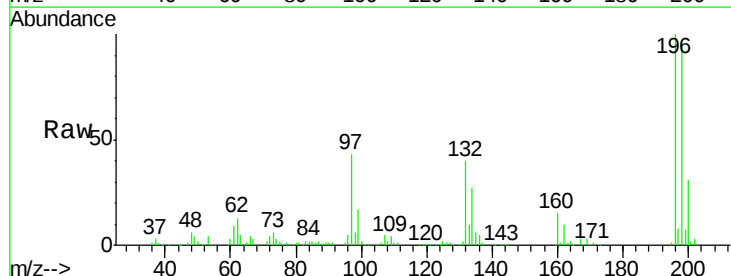
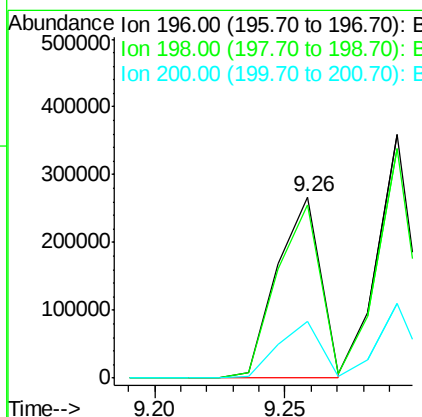
Manual Integrations
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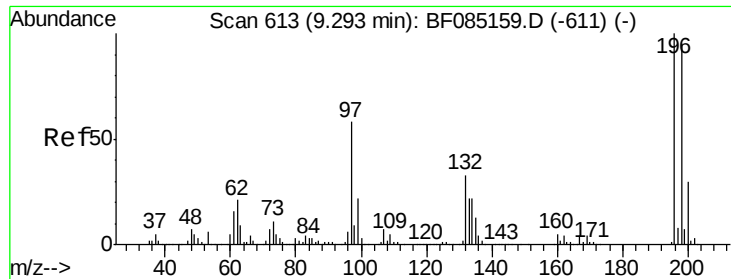
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#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

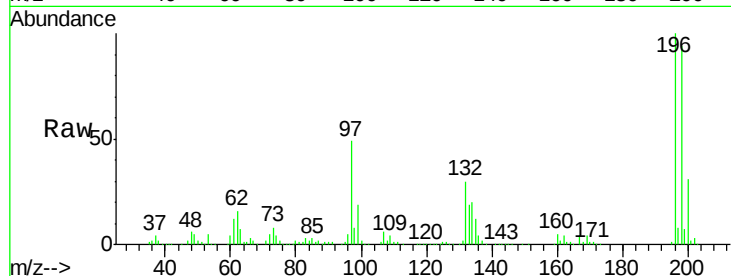
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308761		
198	96.0	77.8	116.6	
200	31.1	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

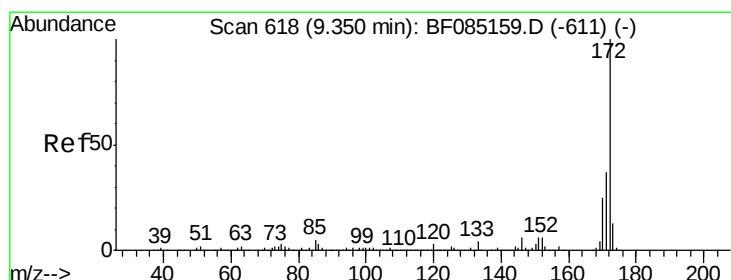
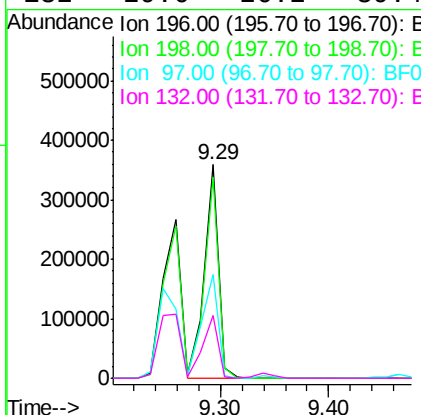
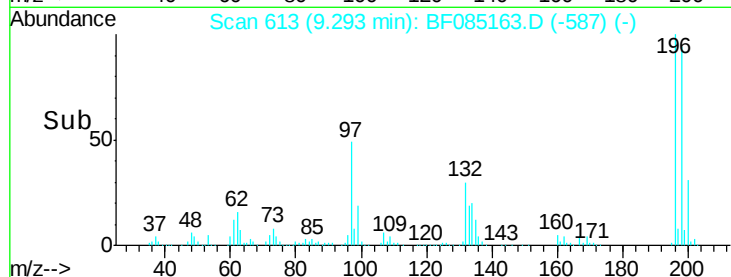
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327016		
198	94.4	75.7	113.5	
97	48.5	46.4	69.6	
132	29.6	26.2	39.4	

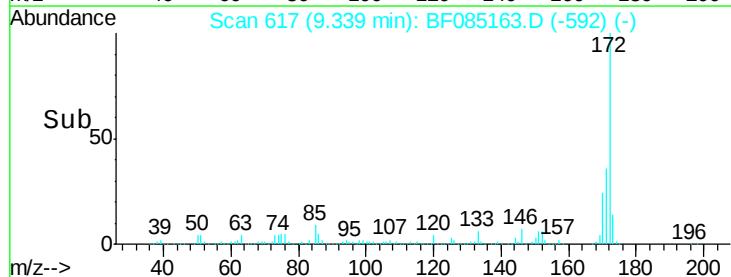
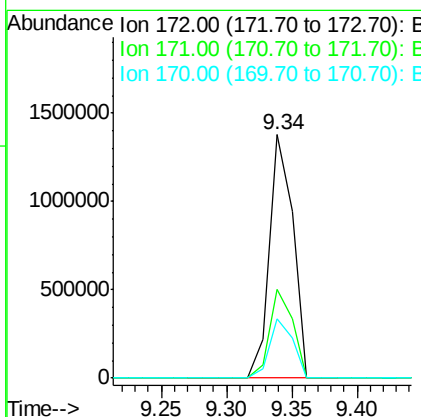
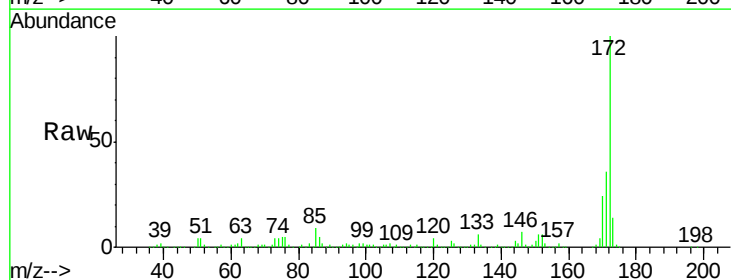
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 69.51 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1743007		
171	36.5	29.3	43.9	
170	24.5	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 34.08 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316

Tgt Ion:154 Resp: 1110199

Ion Ratio Lower Upper

154 100

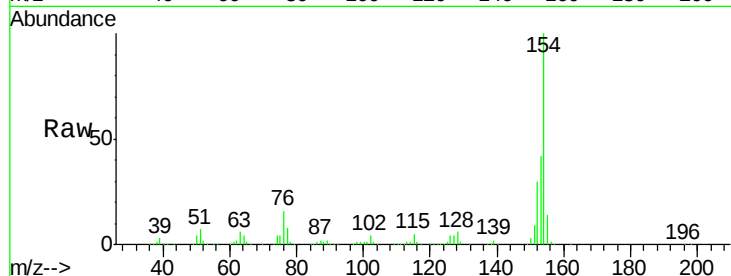
153 42.0 21.4 61.4

76 16.1 0.0 37.5

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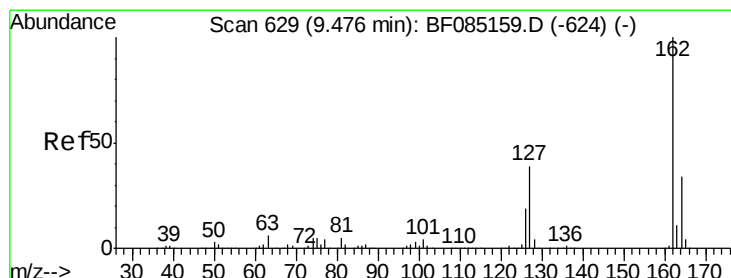
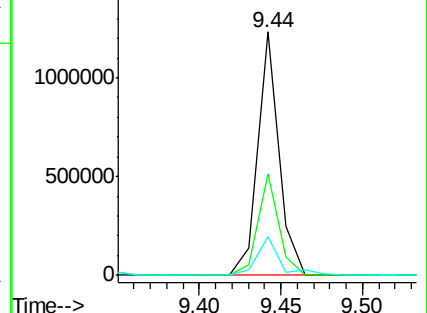
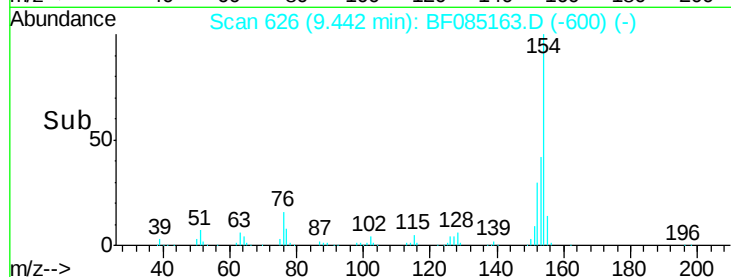
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.79 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

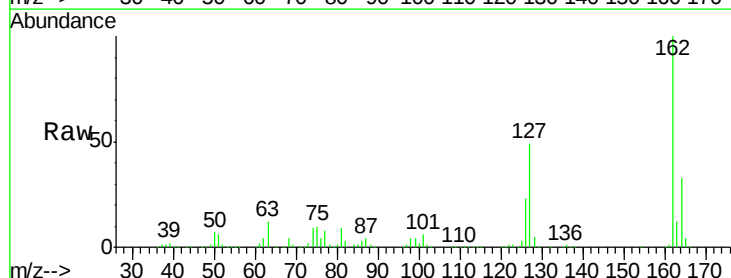
Tgt Ion:162 Resp: 888880

Ion Ratio Lower Upper

162 100

127 49.3 31.6 47.4#

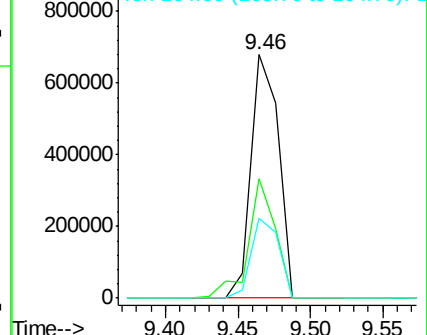
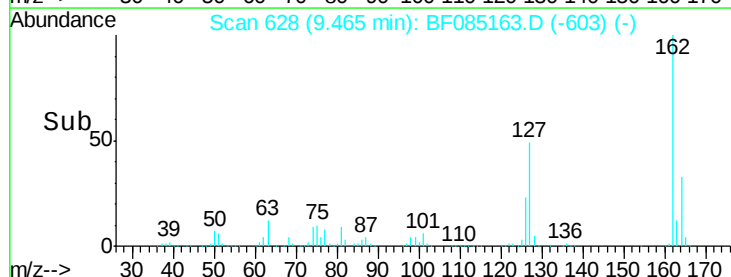
164 32.6 27.1 40.7

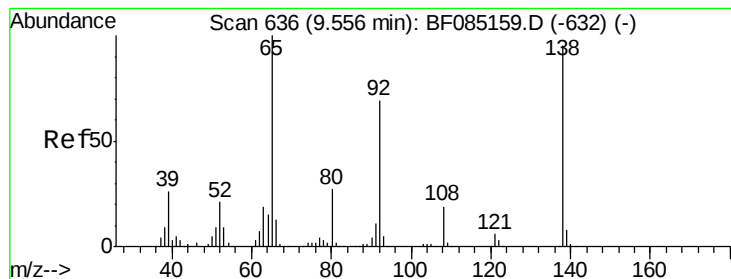


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.81 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085163.D

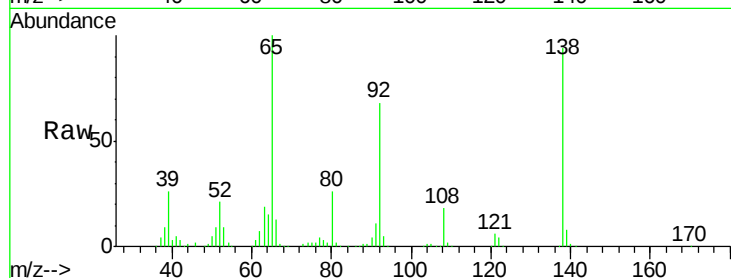
Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316



Tgt Ion: 65 Resp: 283306

Ion Ratio Lower Upper

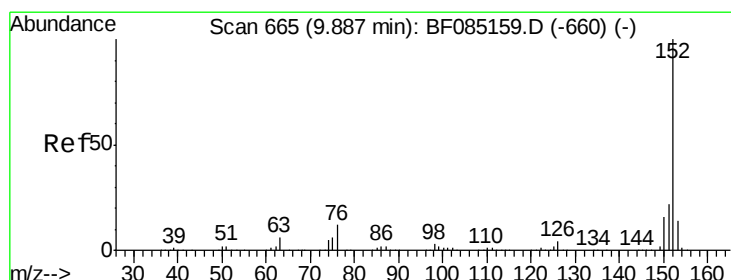
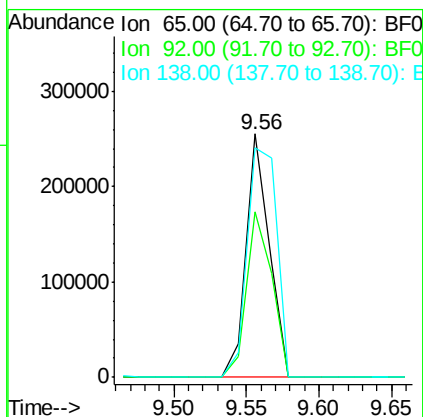
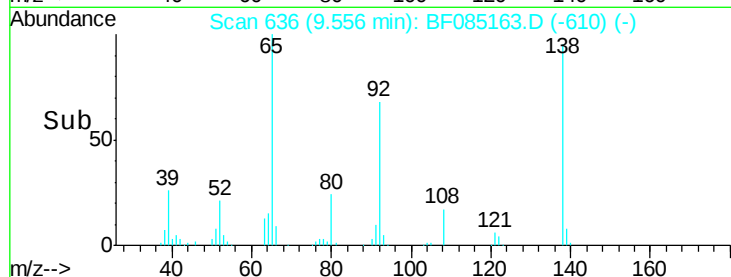
65 100

92 67.7 55.4 83.2

138 94.4 75.7 113.5

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#48

Acenaphthylene

Concen: 39.58 ng

RT: 9.89 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

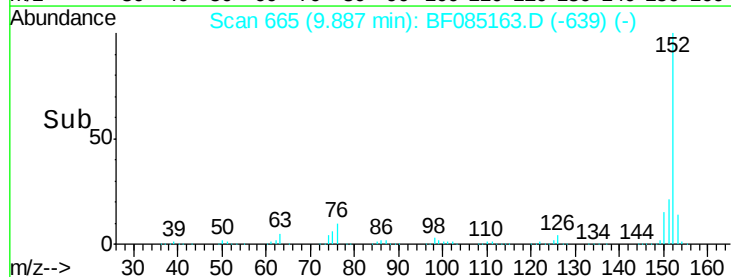
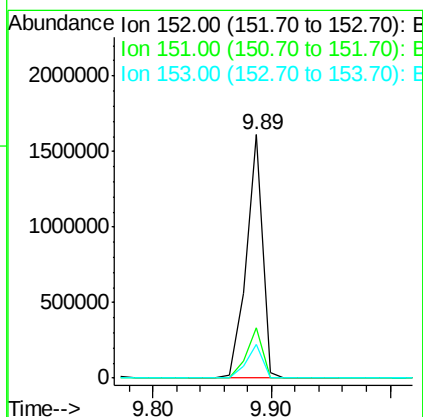
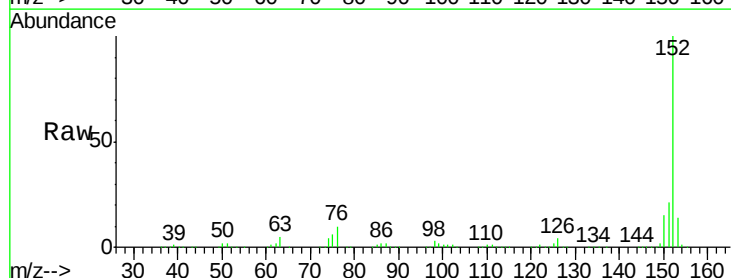
Tgt Ion: 152 Resp: 1529965

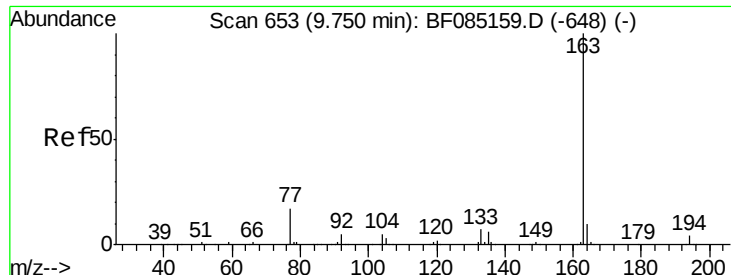
Ion Ratio Lower Upper

152 100

151 20.9 17.5 26.3

153 13.8 11.3 16.9





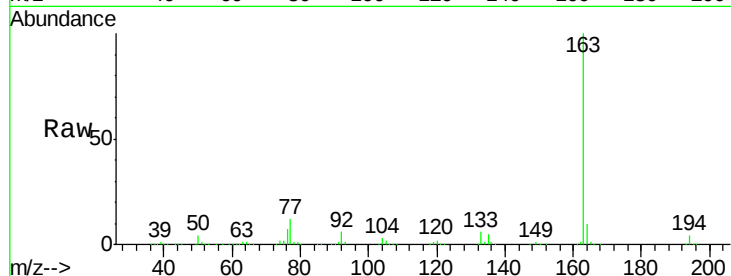
#49
Dimethylphthalate
Concen: 36.06 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

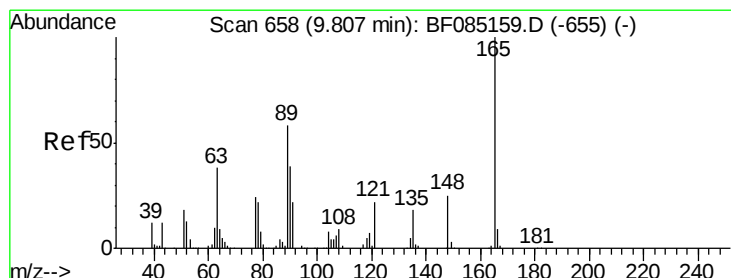
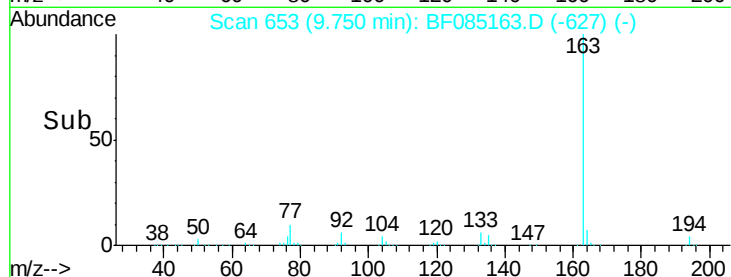
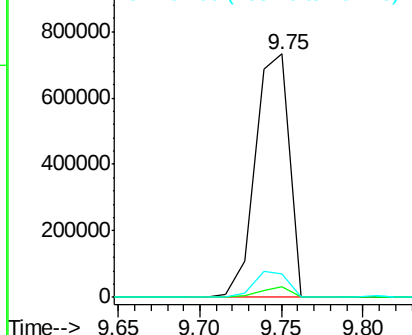
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	1055601		
194	4.1		3.1	4.7
164	9.6		8.2	12.4

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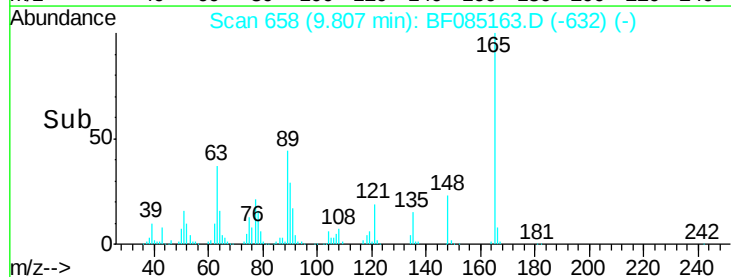
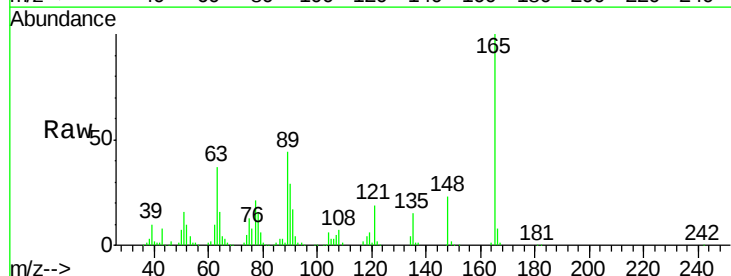
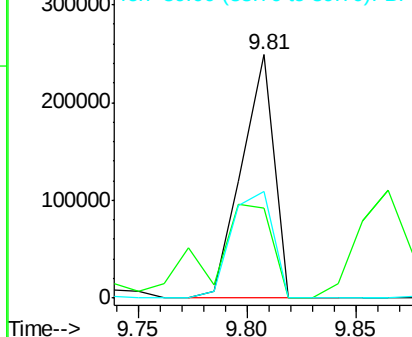
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

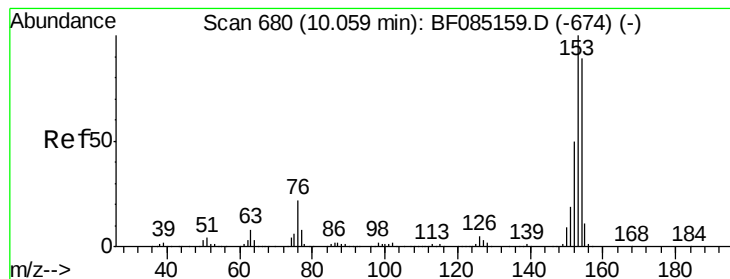


#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257468		
63	36.8		41.8	62.8#
89	44.0		46.7	70.1#

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





#51

Acenaphthene

Concen: 39.39 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

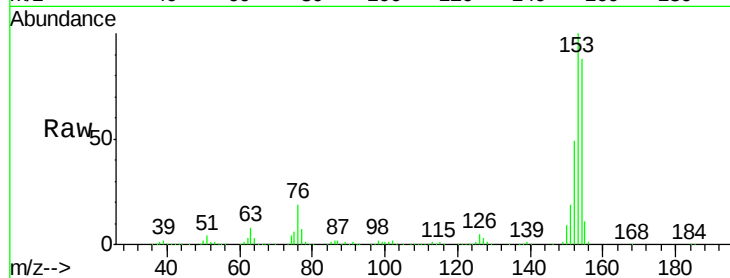
ClientSampleId :

ICVBF030316

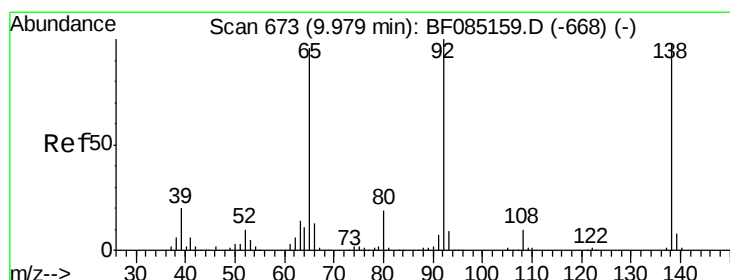
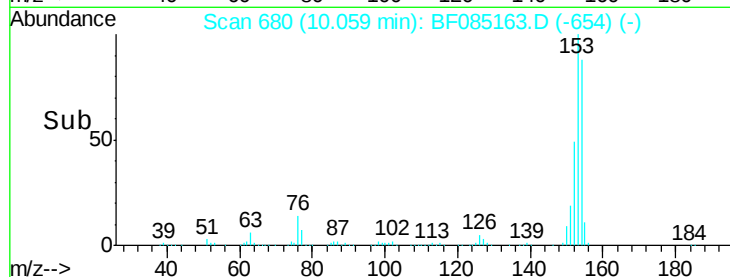
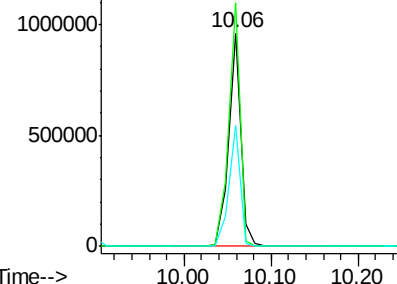
Tgt	Ion	154	Resp:	924463
Ion	Ratio	Lower	Upper	
154	100			
153	114.1	89.8	134.8	
152	56.3	44.6	66.8	

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.92 ng

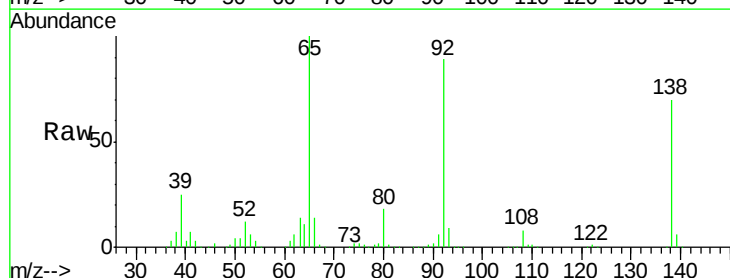
RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

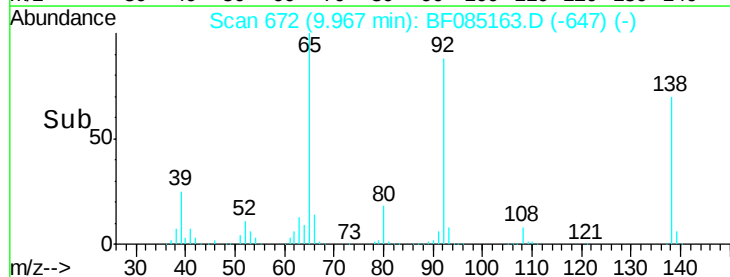
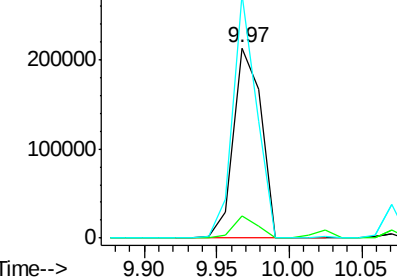
Lab File: BF085163.D

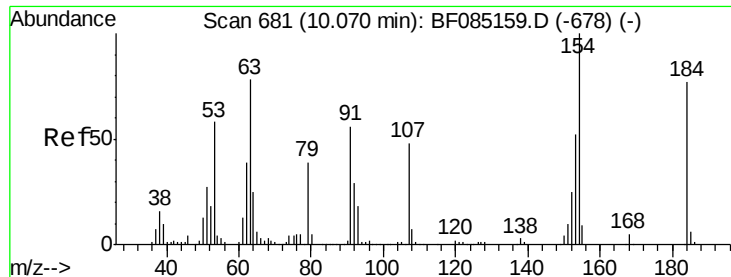
Acq: 3 Mar 2016 18:28

Tgt	Ion	138	Resp:	284051
Ion	Ratio	Lower	Upper	
138	100			
108	11.5	7.8	11.6	
92	127.9	81.3	121.9#	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





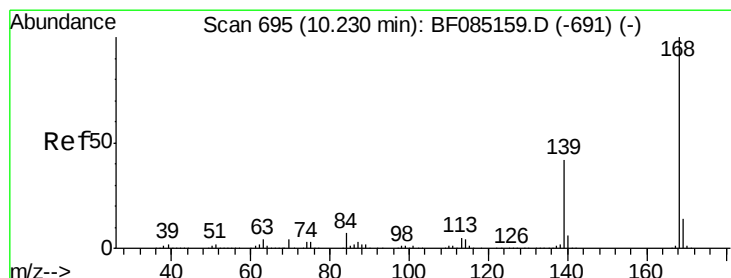
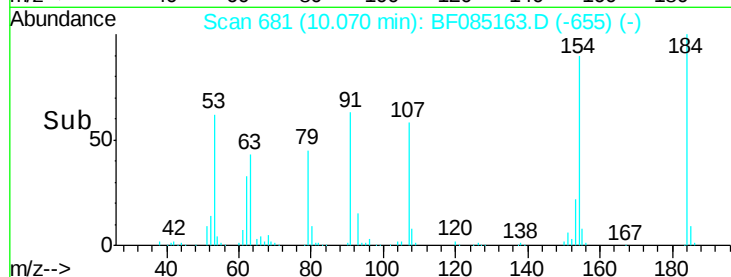
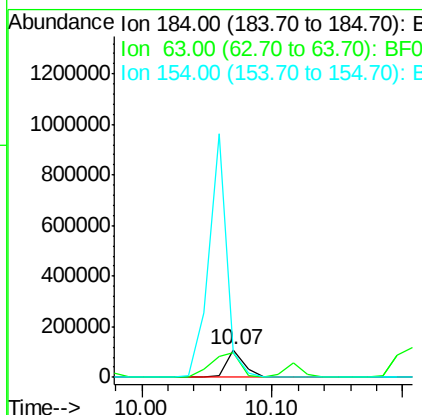
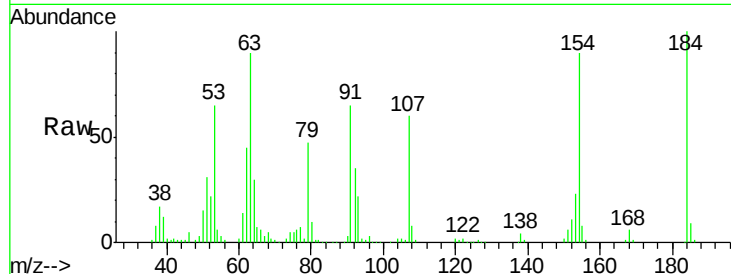
#53
 2,4-Dinitrophenol
 Concen: 36.72 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion:184 Resp: 101352
 Ion Ratio Lower Upper
 184 100
 63 90.2 82.2 123.4
 154 90.3 108.9 163.3#

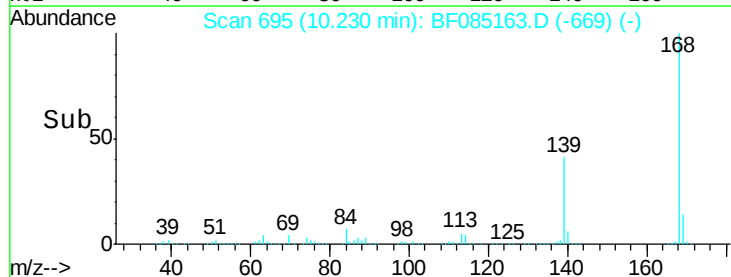
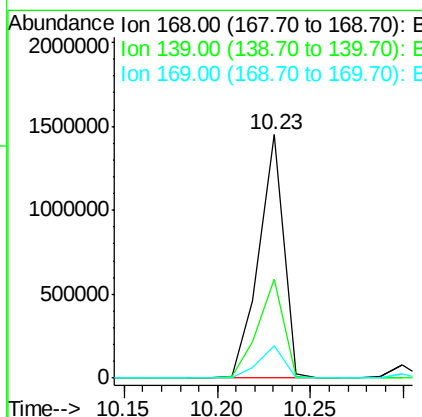
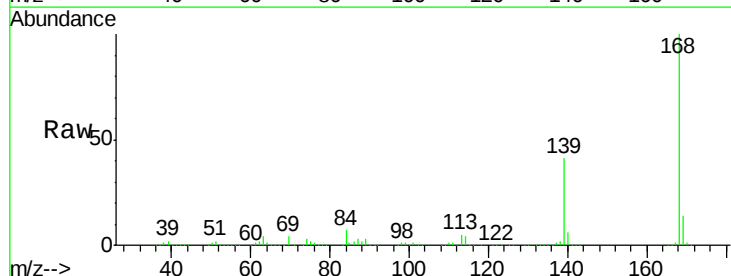
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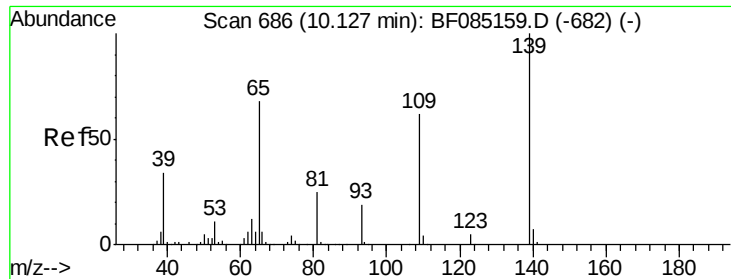
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#54
 Dibenzofuran
 Concen: 43.51 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion:168 Resp: 1337696
 Ion Ratio Lower Upper
 168 100
 139 40.9 33.6 50.4
 169 13.5 11.2 16.8





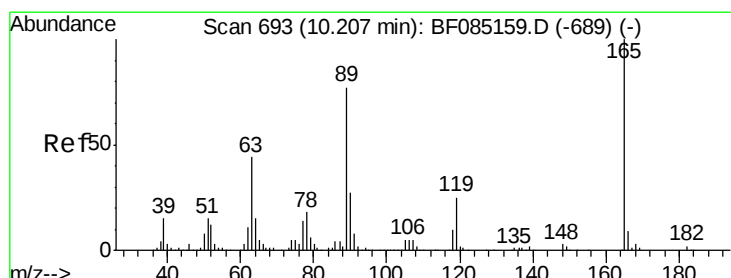
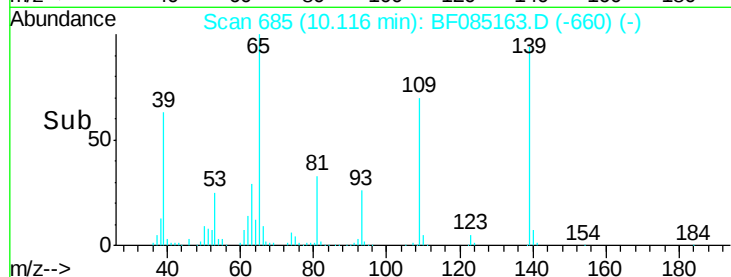
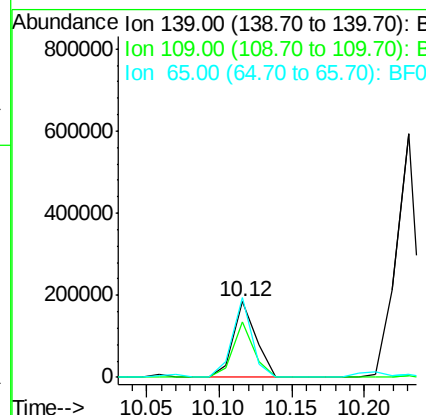
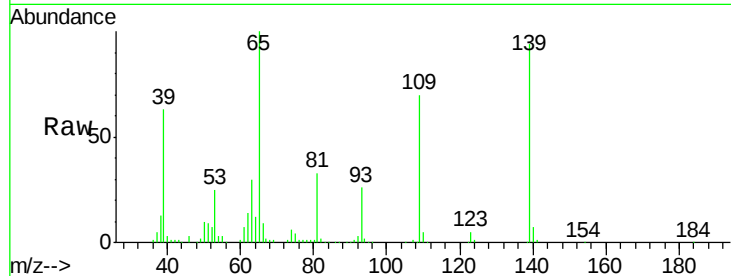
#55
4-Nitrophenol
Concen: 34.50 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	73.8	41.9	81.9
65	105.9	48.3	88.3#

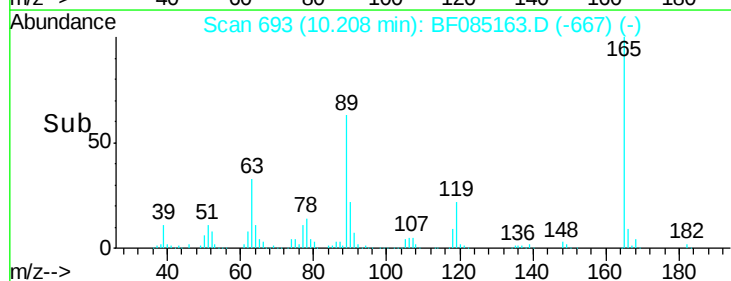
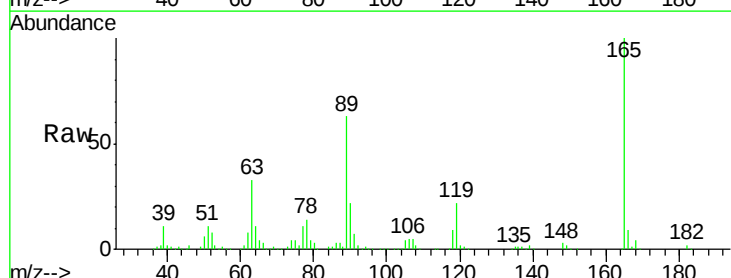
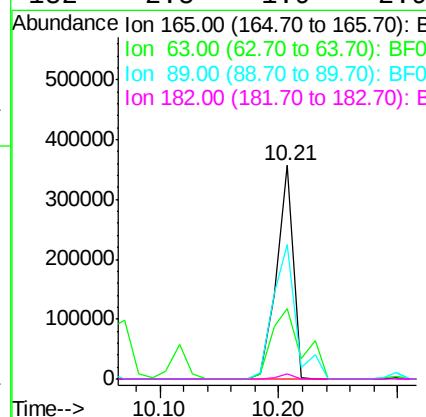
Manual Integrations
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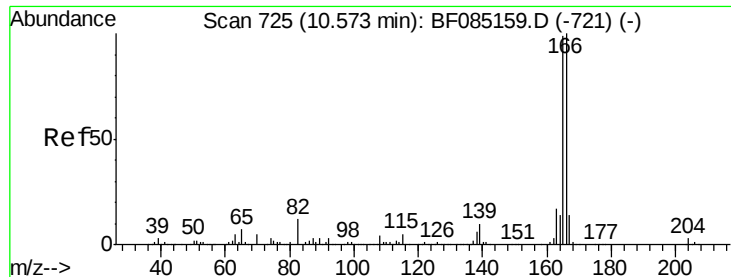
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#56
2,4-Dinitrotoluene
Concen: 43.67 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	32.8	35.4	53.0#
89	62.8	61.9	92.9
182	2.5	1.9	2.9





#57

Fluorene

Concen: 41.07 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

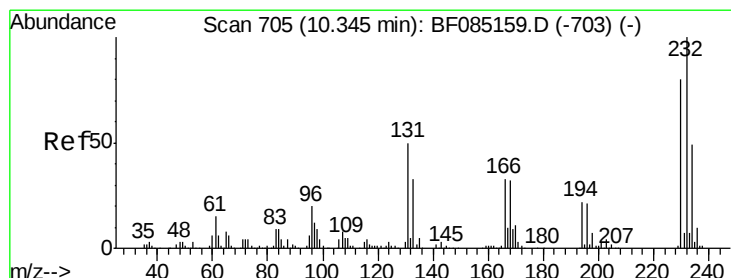
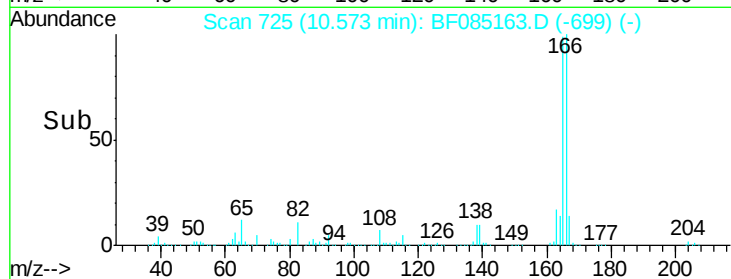
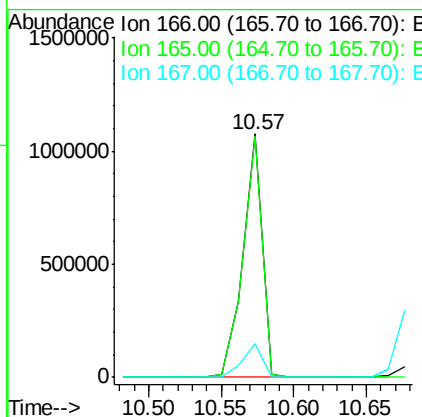
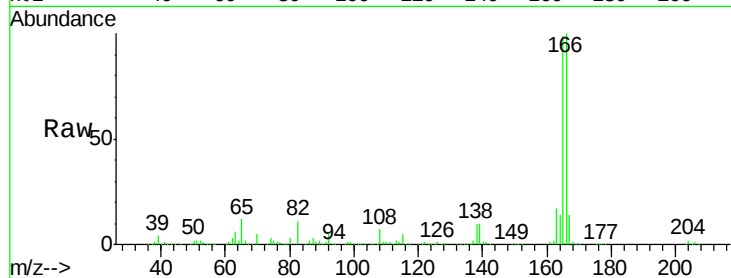
ClientSampleId :

ICVBF030316

Tgt Ion:	166	Resp:	991966
Ion Ratio		Lower	Upper
166	100		
165	99.1	79.4	119.0
167	13.7	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.84 ng

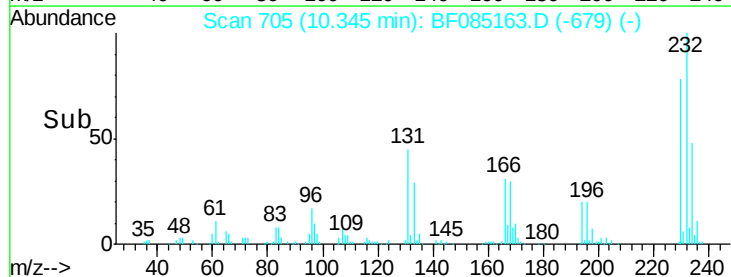
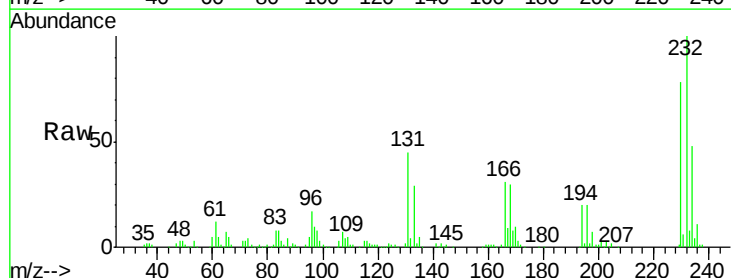
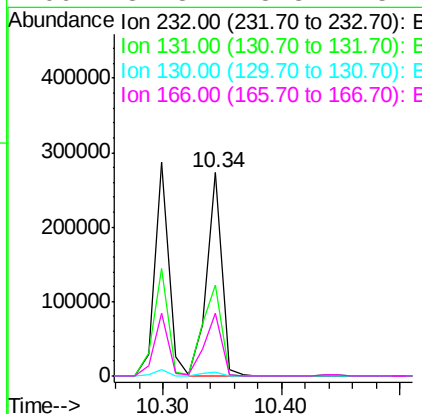
RT: 10.34 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	232	Resp:	242490
Ion Ratio		Lower	Upper
232	100		
131	55.2	46.0	69.0
130	2.8	2.2	3.4
166	34.8	28.8	43.2





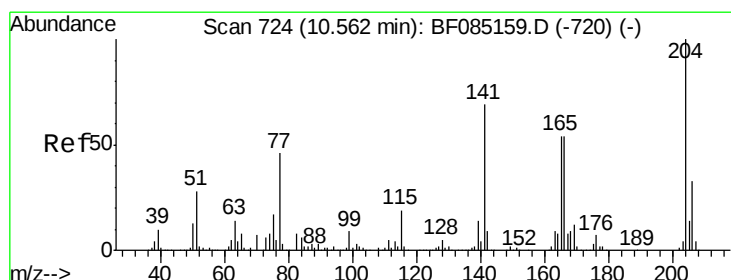
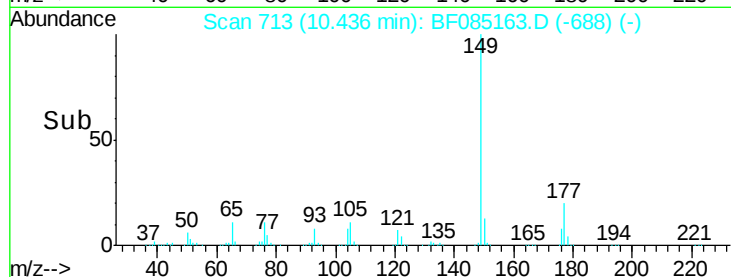
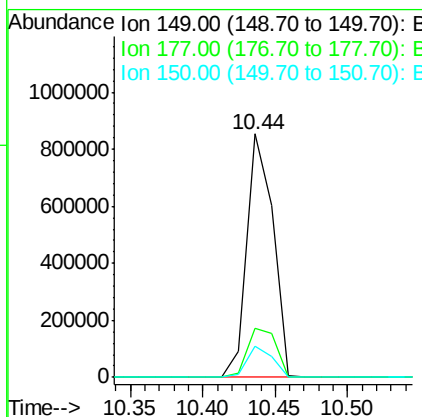
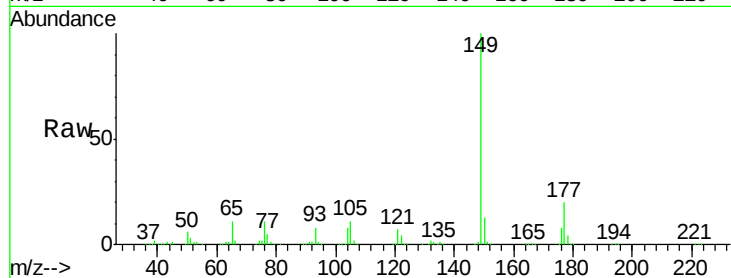
#59
Diethylphthalate
Concen: 37.49 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion:149 Resp: 1064822
Ion Ratio Lower Upper
149 100
177 20.3 19.2 28.8
150 12.9 9.9 14.9

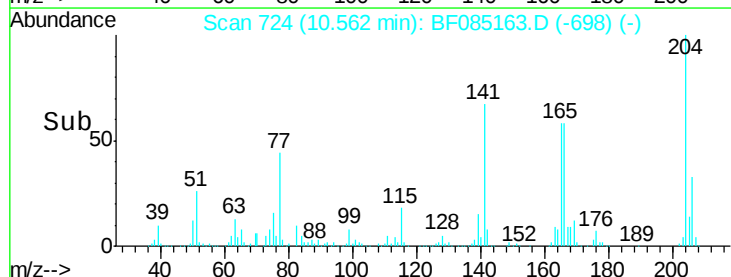
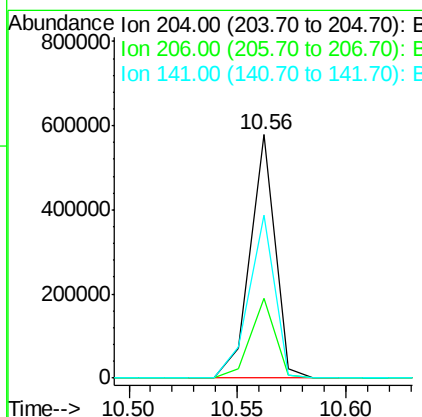
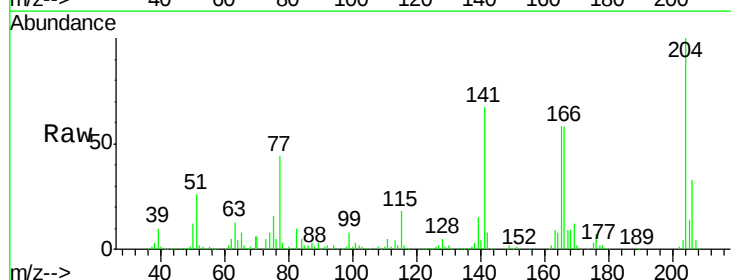
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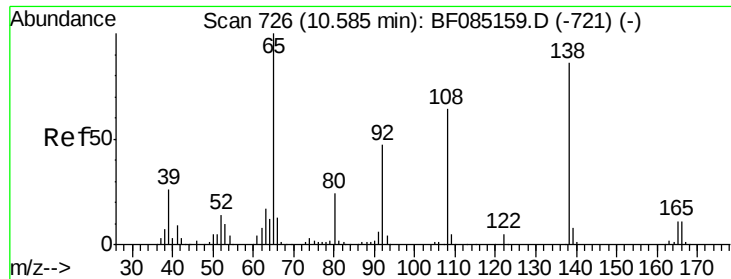
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#60
4-Chlorophenyl-phenylether
Concen: 39.21 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion:204 Resp: 460746
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.0 55.4 83.2





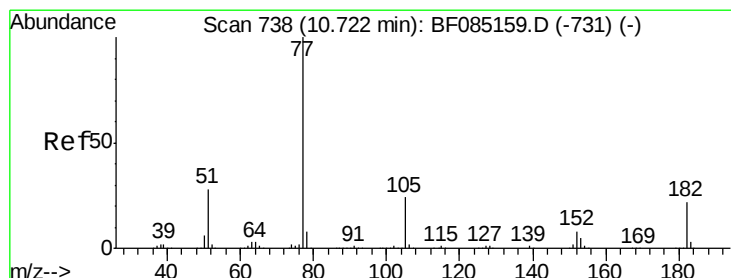
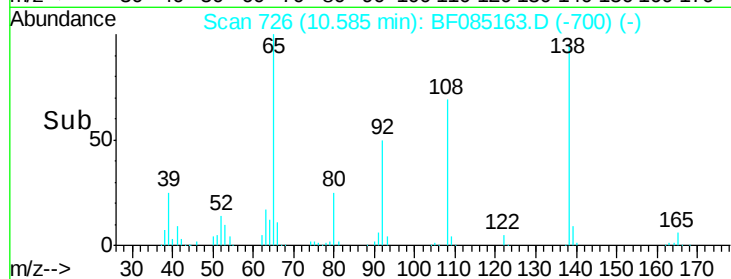
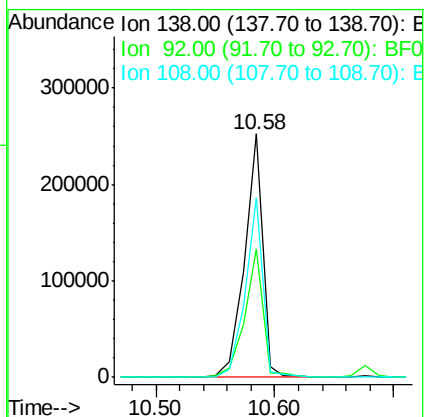
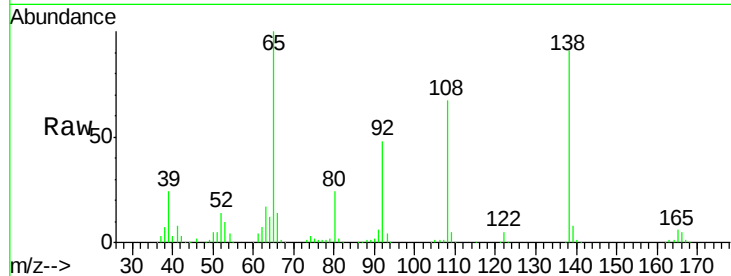
#61
4-Nitroaniline
Concen: 38.84 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	34.2	74.2
108	74.0	53.9	93.9

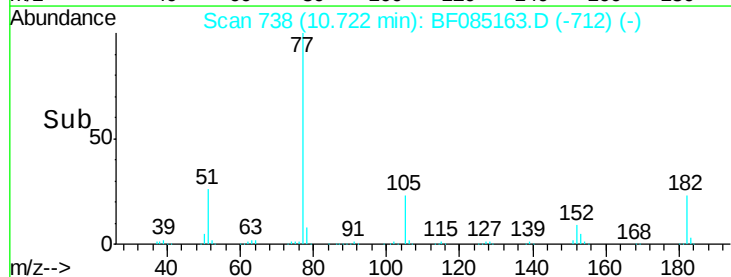
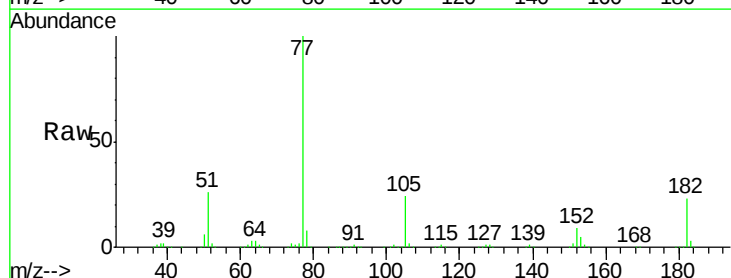
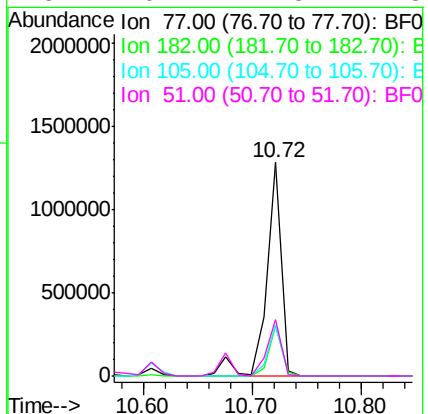
Manual Integrations
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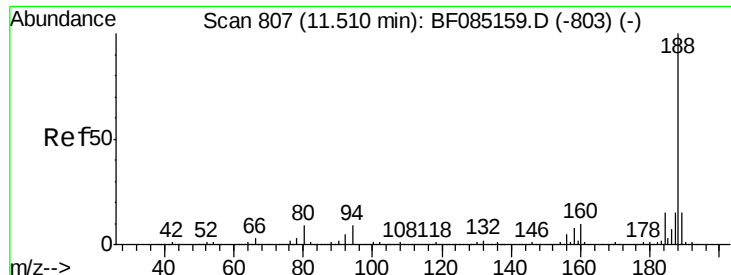
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#62
Azobenzene
Concen: 44.87 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	2.1	42.1
105	23.8	3.8	43.8
51	26.4	7.8	47.8





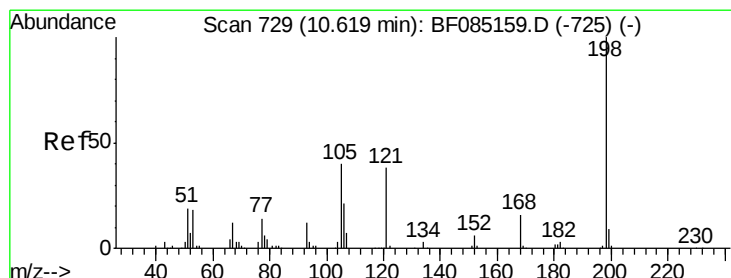
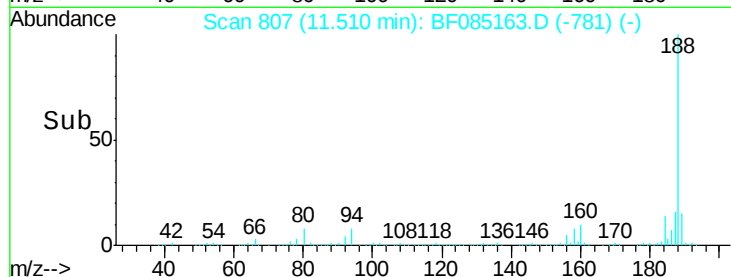
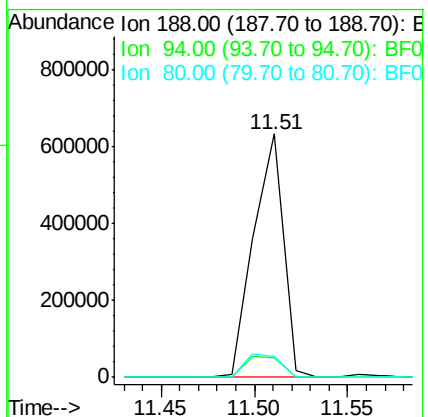
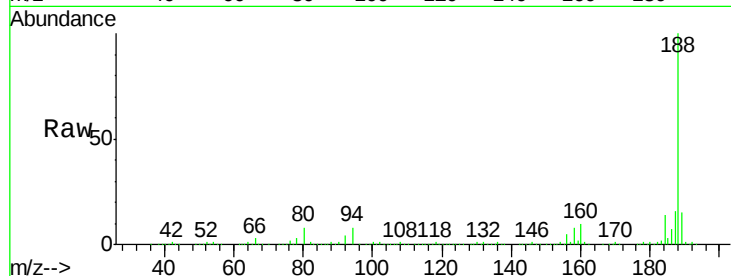
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	701074		
94	8.0	7.0	10.6	
80	8.4	7.4	11.0	

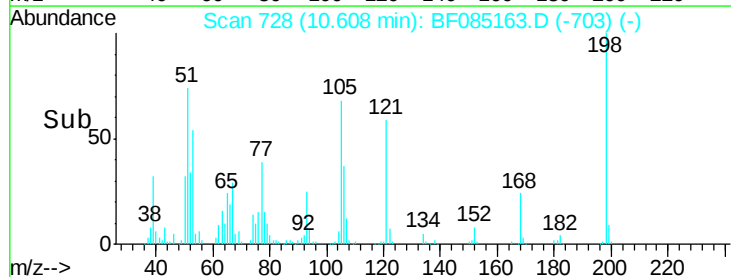
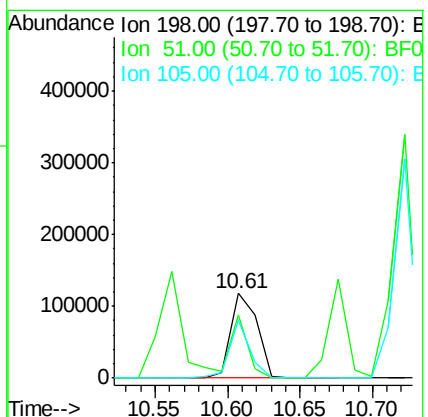
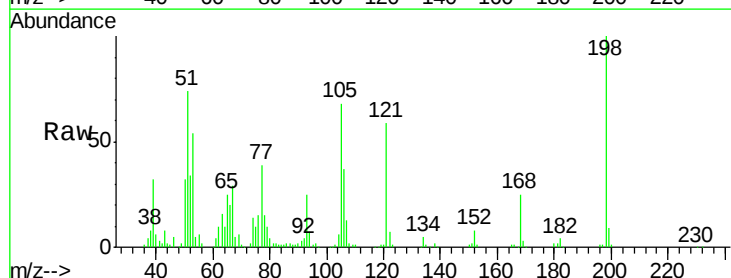
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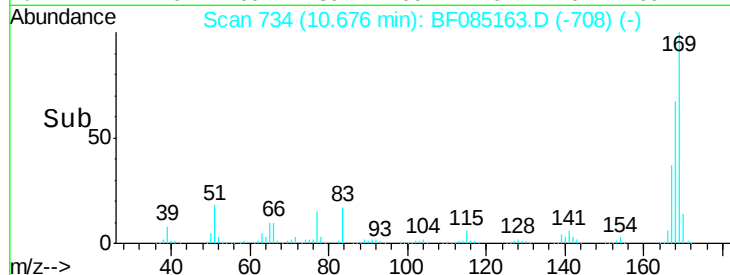
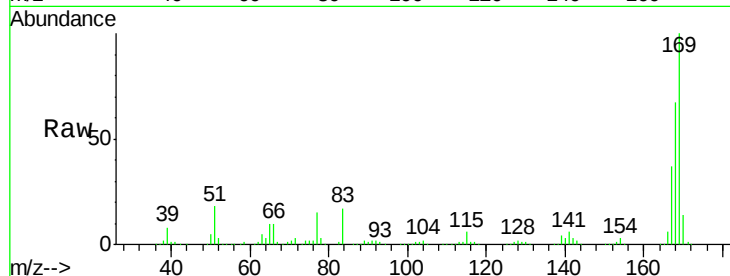
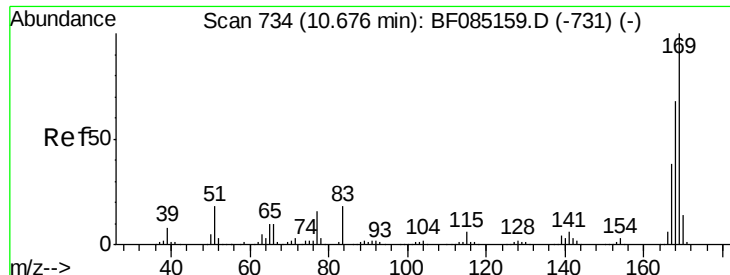
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.58 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149347		
51	74.4	9.5	49.5#	
105	68.4	20.5	60.5#	





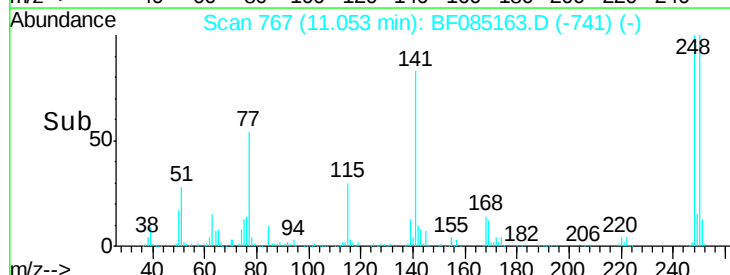
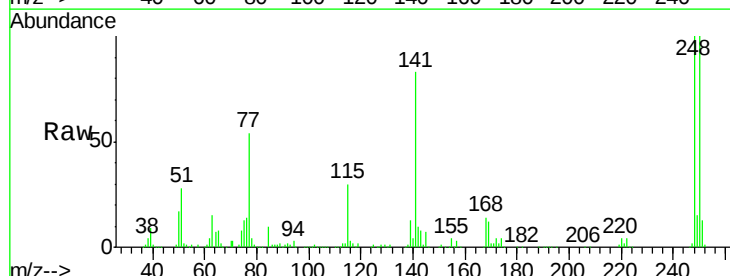
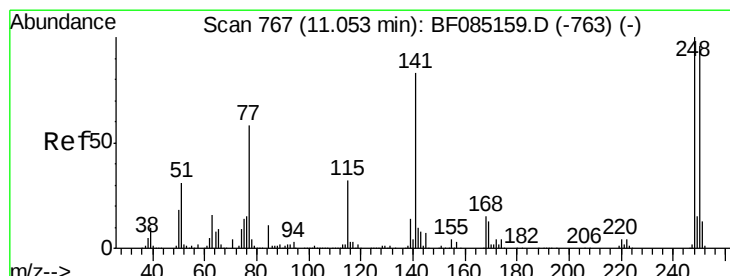
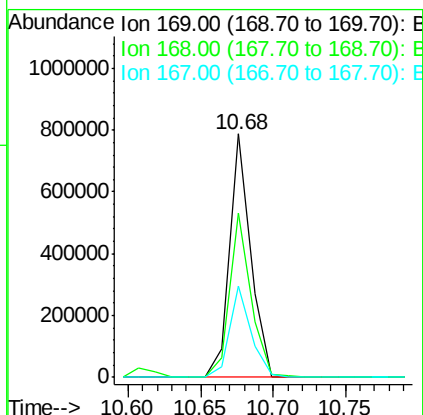
#65
n-Nitrosodiphenylamine
Concen: 36.36 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	792787		
168	67.2	54.8	82.2	
167	37.4	30.3	45.5	

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

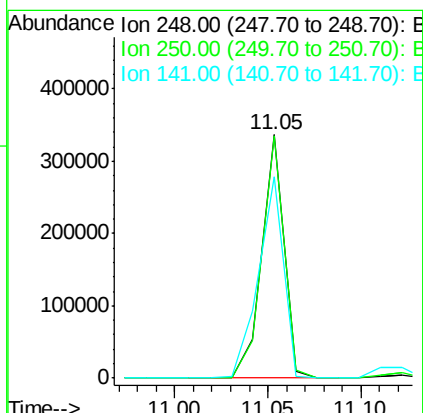
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#66
4-Bromophenyl-phenylether
Concen: 40.48 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	275535		
250	99.7	77.1	115.7	
141	82.5	66.2	99.2	





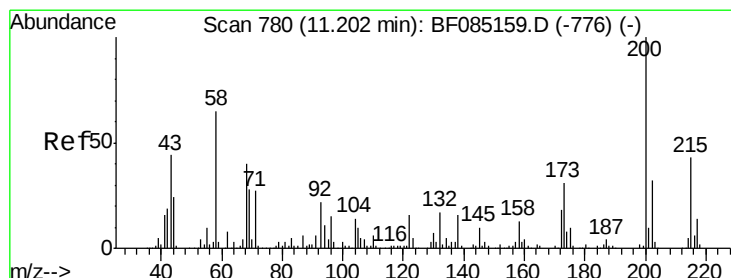
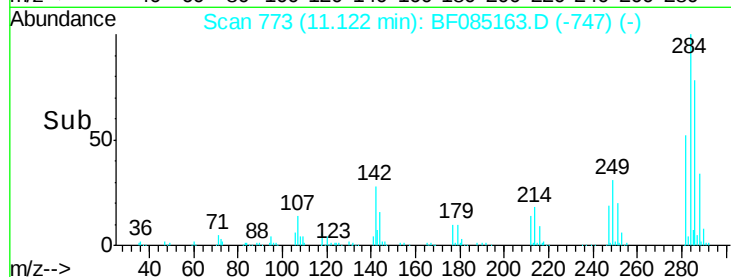
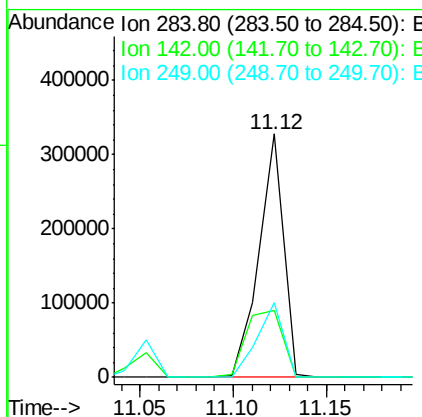
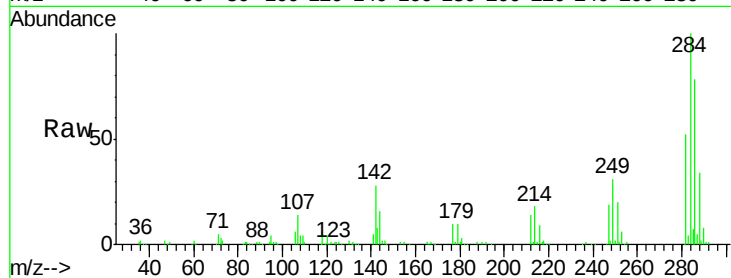
#67
Hexachlorobenzene
Concen: 41.05 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	27.7	24.9	37.3
249	30.9	25.0	37.4

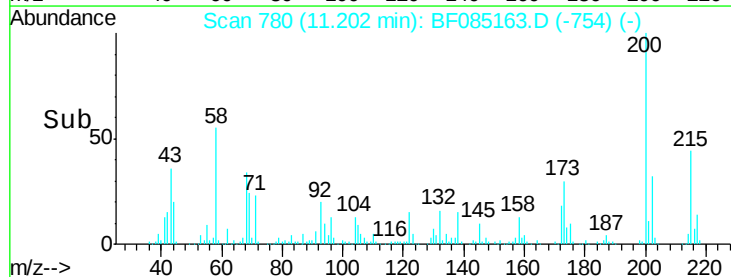
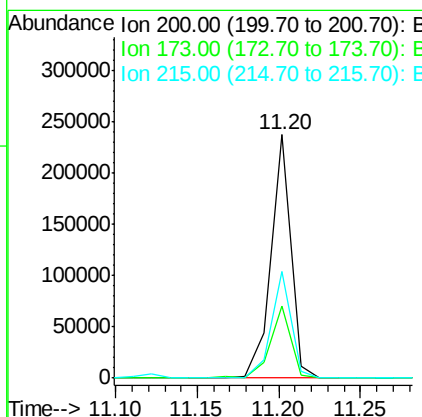
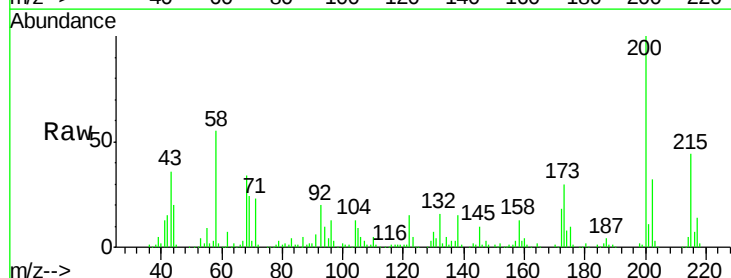
Manual Integrations
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#68
Atrazine
Concen: 33.36 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	10.5	50.5
215	43.8	23.4	63.4





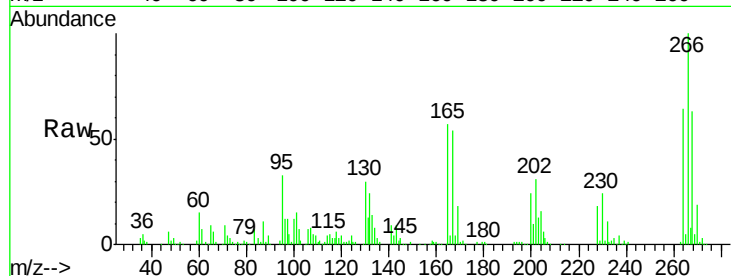
#69
 Pentachlorophenol
 Concen: 40.71 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

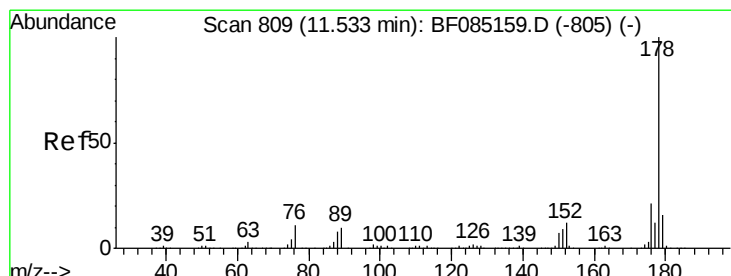
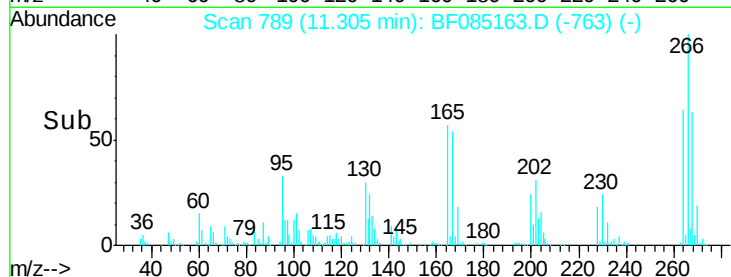
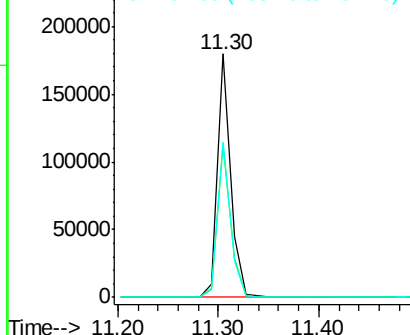
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	164115		
268	62.6	50.0	75.0	
264	63.5	51.4	77.2	

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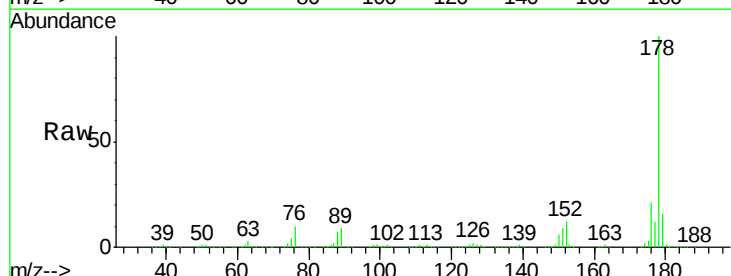


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

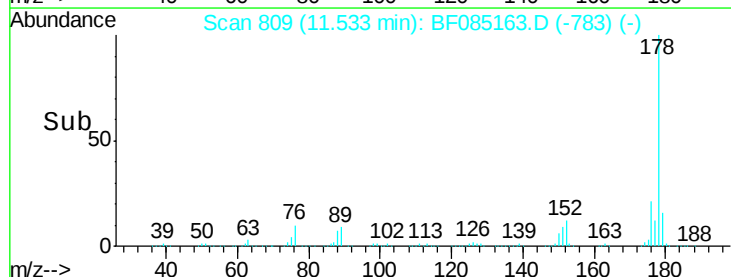
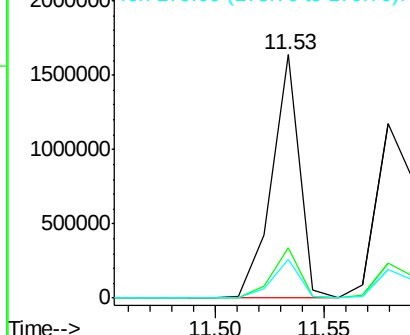


#70
 Phenanthrene
 Concen: 39.68 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1457916		
176	20.7	16.8	25.2	
179	16.1	13.1	19.7	



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





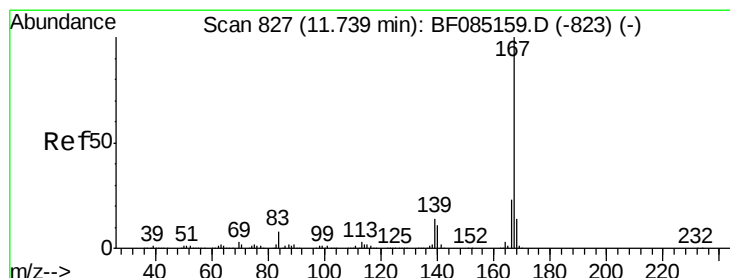
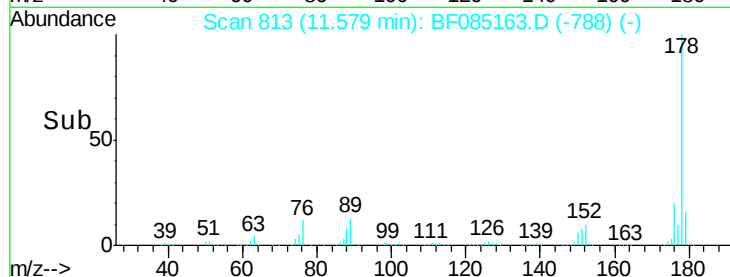
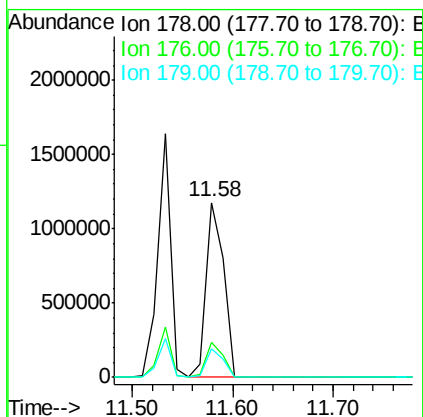
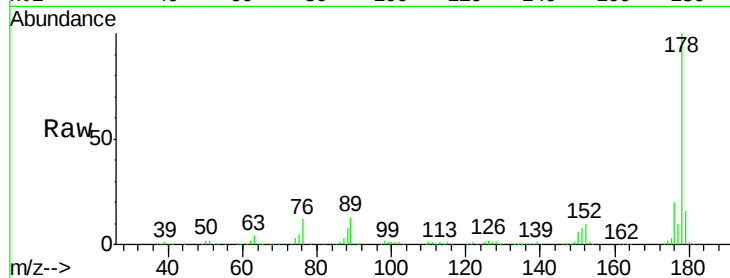
#71
 Anthracene
 Concen: 36.61 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion:178 Resp: 1428091
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.5 12.5 18.7

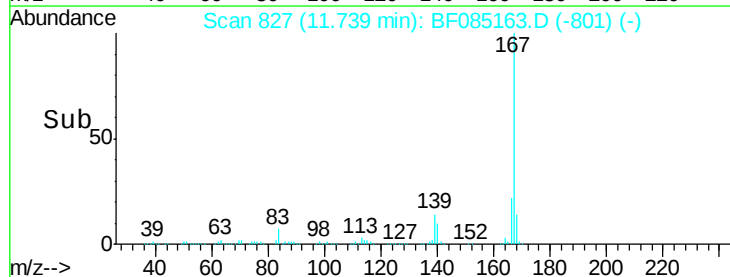
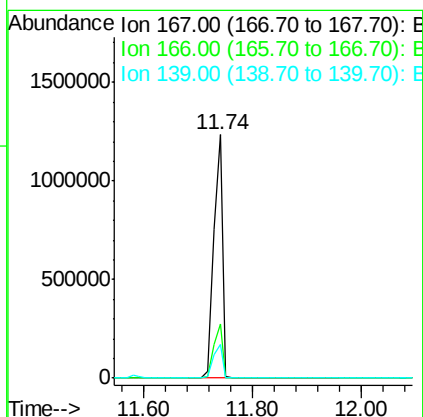
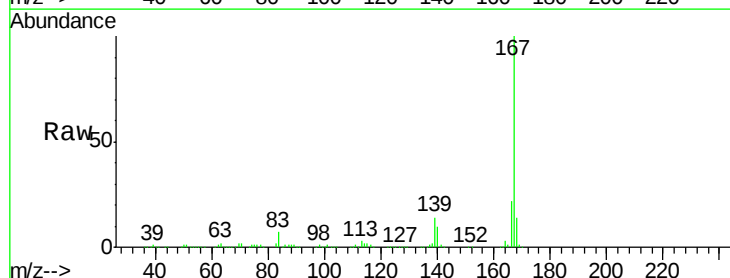
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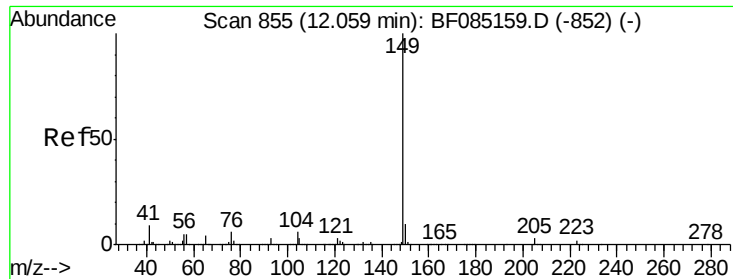
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#72
 Carbazole
 Concen: 41.21 ng
 RT: 11.74 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion:167 Resp: 1409481
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.6 11.4 17.0





#73

Di-n-butylphthalate

Concen: 36.99 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

ICVBF030316

Tgt Ion:149 Resp: 1599209

Ion Ratio Lower Upper

149 100

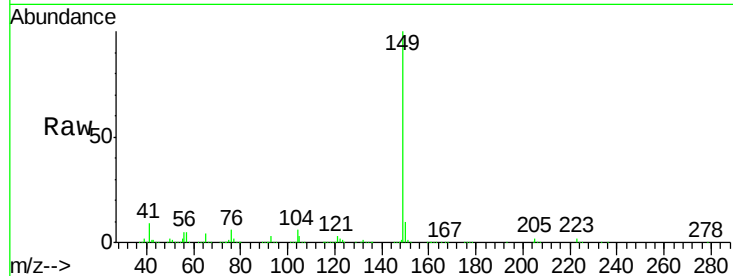
150 9.9 7.8 11.6

104 5.7 4.7 7.1

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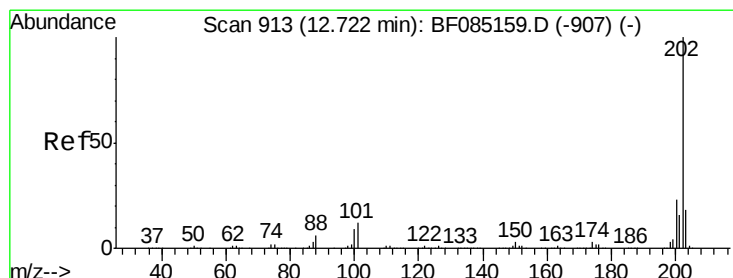
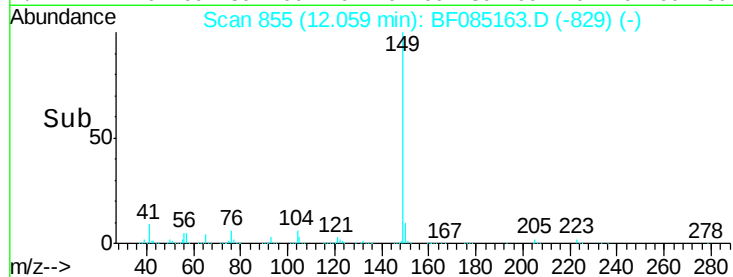
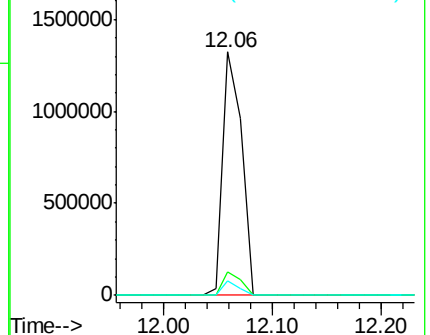
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.50 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

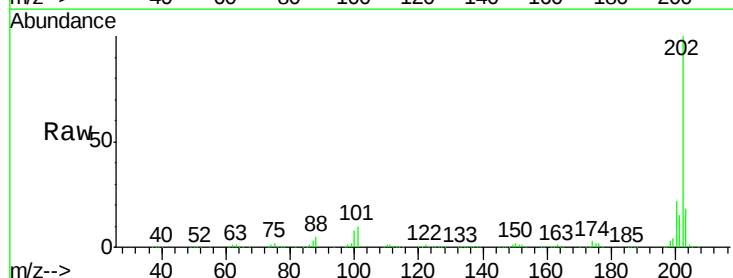
Tgt Ion:202 Resp: 1530182

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.8

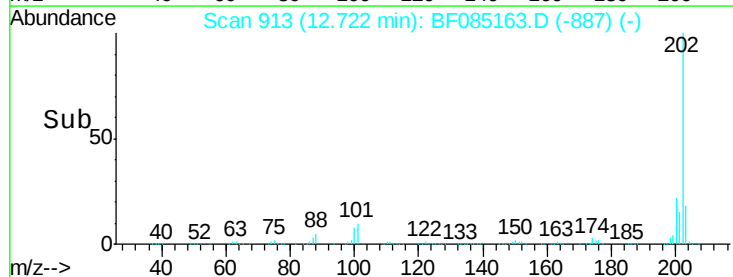
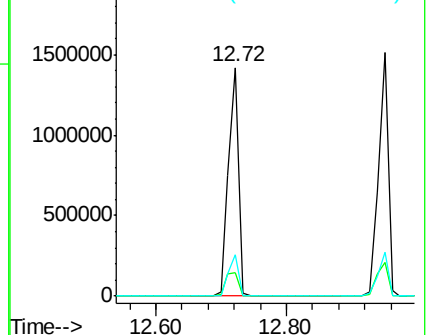
203 17.9 0.0 38.4

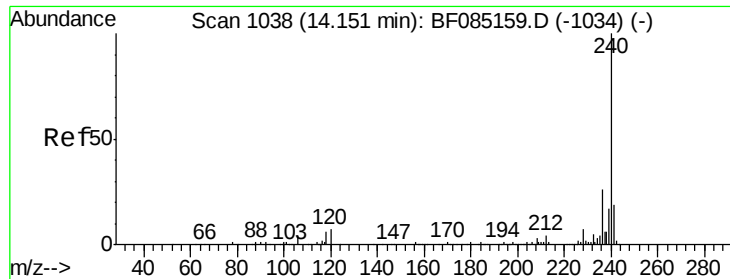


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

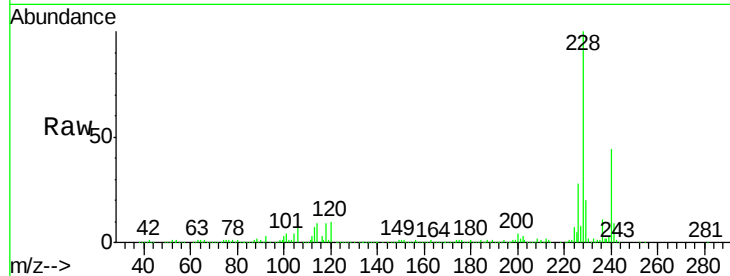
ClientSampleId :

ICVBF030316

Tgt Ion	Ratio	Lower	Upper
240	100		
120	22.7	5.3	7.9#
236	26.4	20.7	31.1

Manual Integrations
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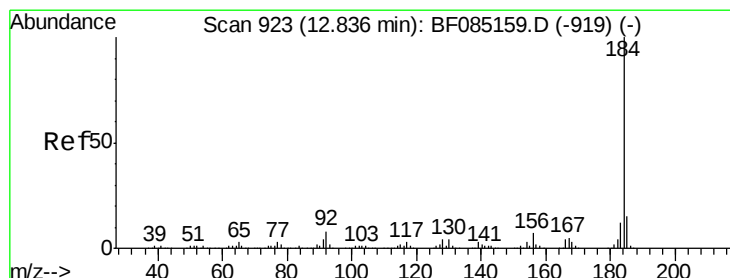
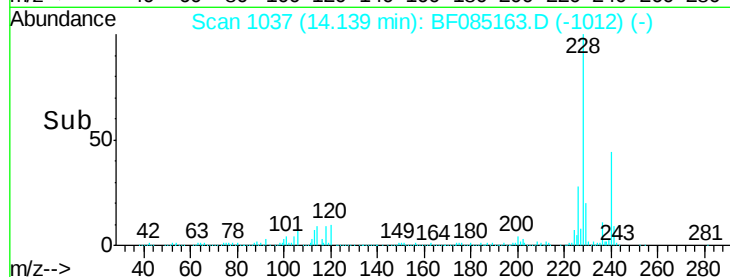
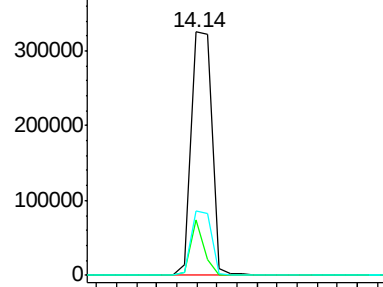
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.00 ng

RT: 12.84 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF085163.D

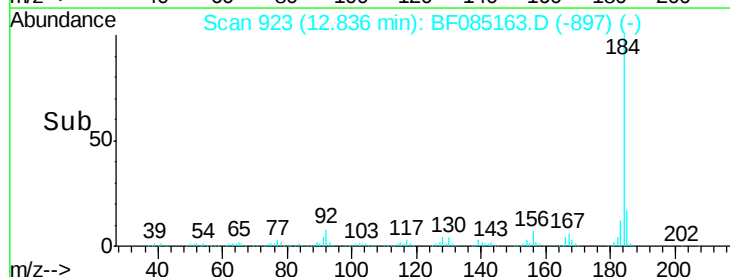
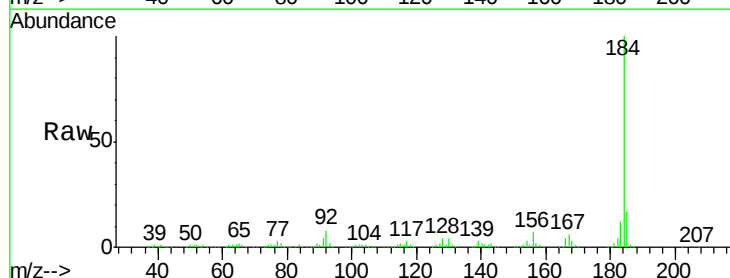
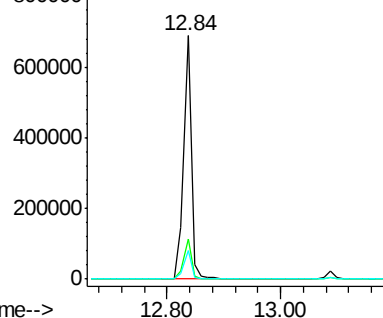
Acq: 3 Mar 2016 18:28

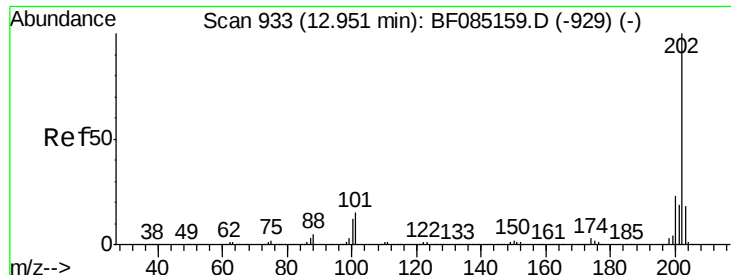
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.4	18.6
183	11.7	9.4	14.2

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





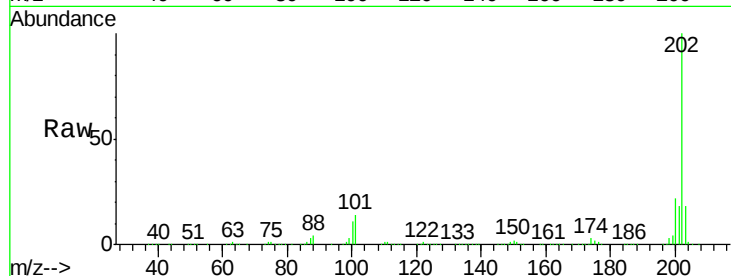
#77
 Pyrene
 Concen: 43.82 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

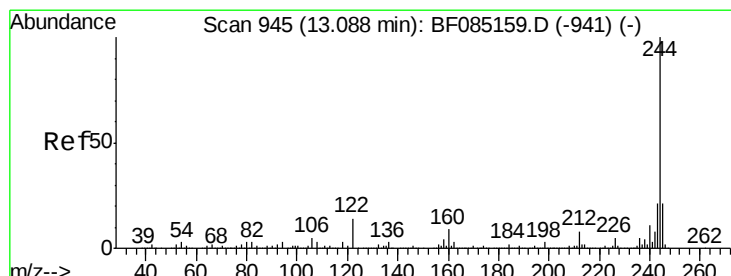
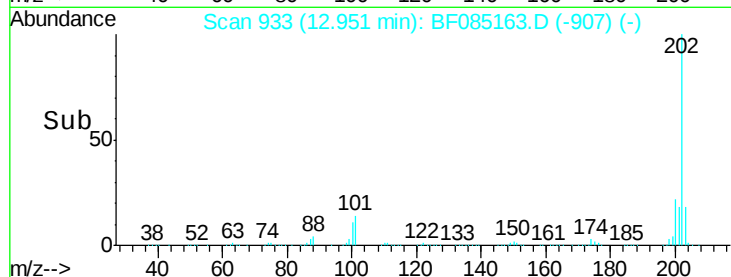
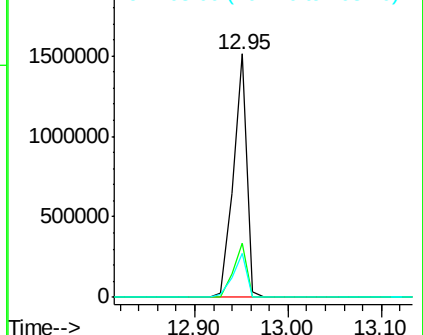
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.4
203	18.0	14.7	22.1

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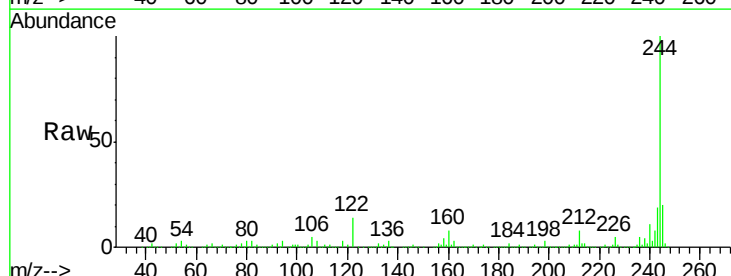


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

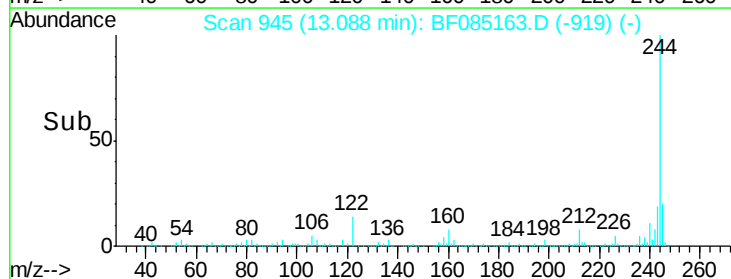
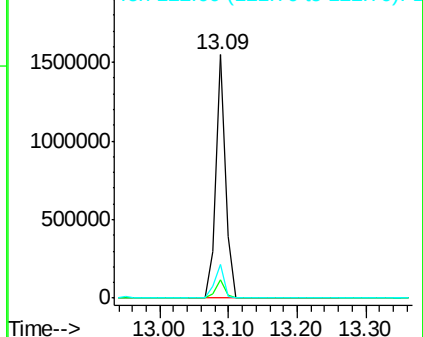


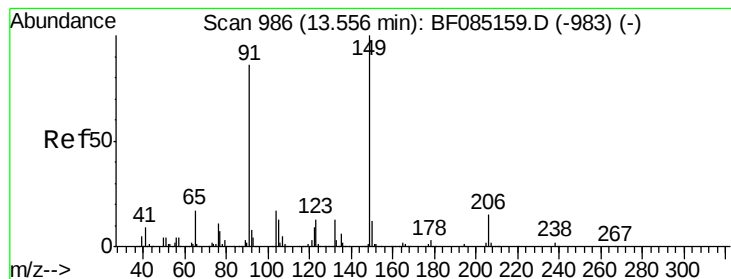
#78
 Terphenyl-d14
 Concen: 77.18 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.9	11.4	17.2



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





#79

Butylbenzylphthalate

Concen: 41.04 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085163.D

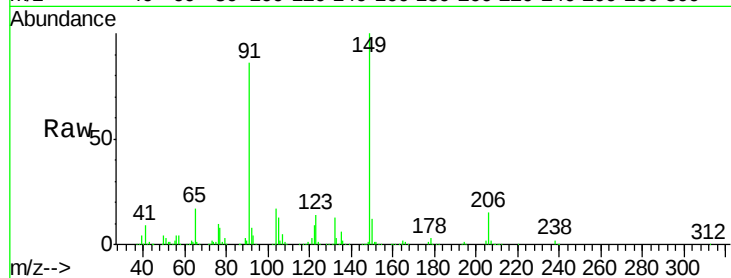
Acq: 3 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

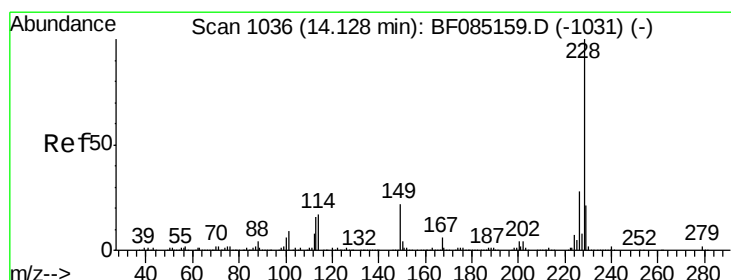
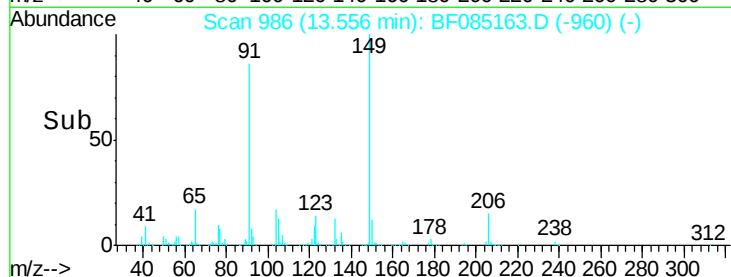
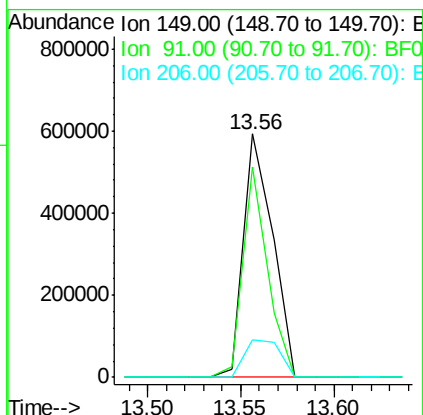
ICVBF030316



Tgt Ion:	149	Resp:	650971
Ion Ratio	Lower	Upper	
149	100		
91	86.3	69.0	103.4
206	15.3	12.3	18.5

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#80

Benzo(a)anthracene

Concen: 41.80 ng

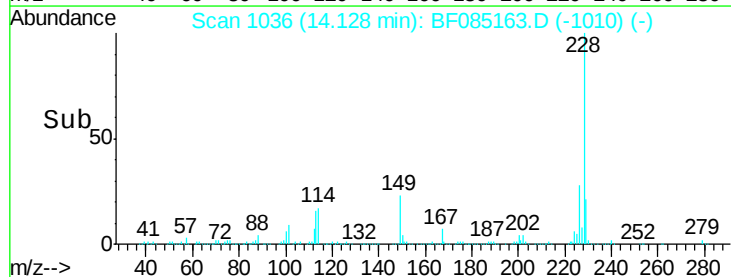
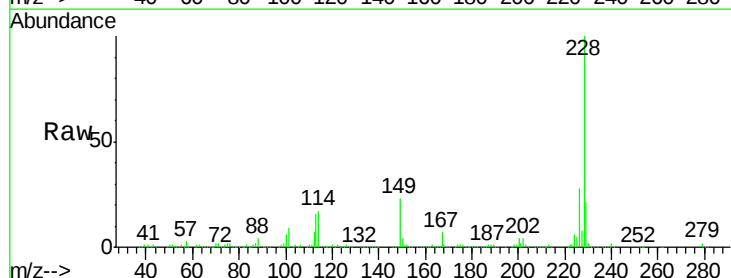
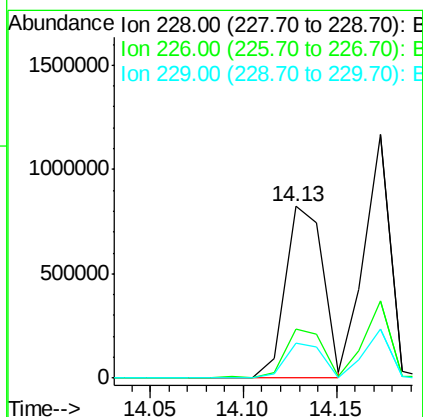
RT: 14.13 min Scan# 1036

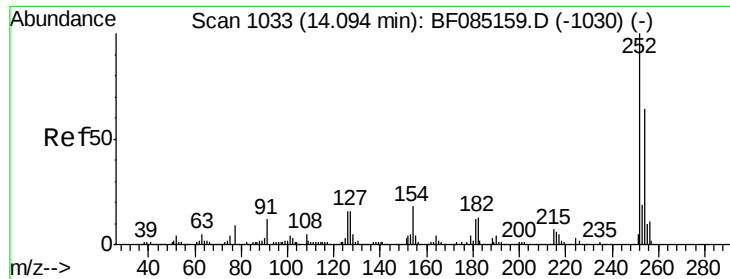
Delta R.T. 0.00 min

Lab File: BF085163.D

Acq: 3 Mar 2016 18:28

Tgt Ion:	228	Resp:	1162221
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.8	34.2
229	20.5	16.6	24.8





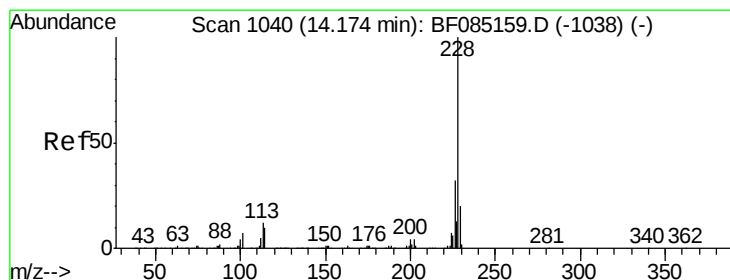
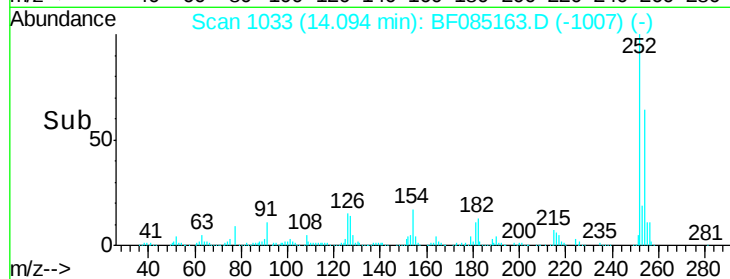
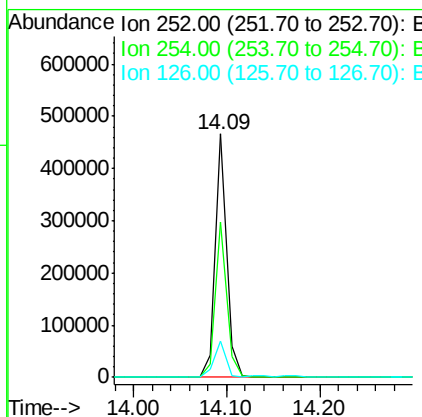
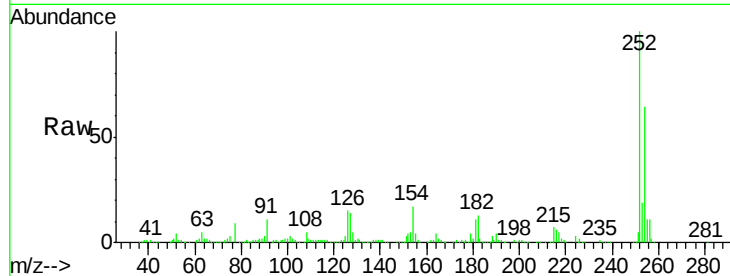
#81
 3,3'-Dichlorobenzidine
 Concen: 45.05 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.0
126	14.9	12.9	19.3

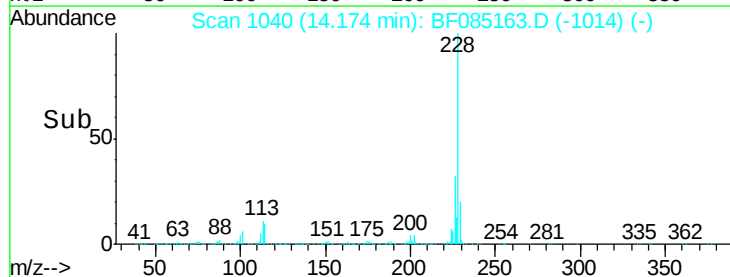
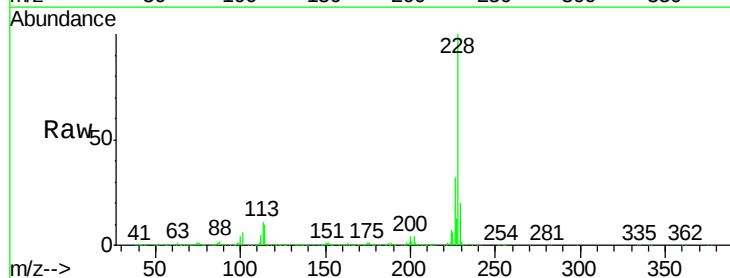
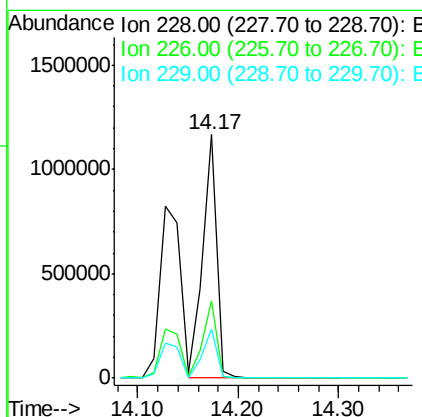
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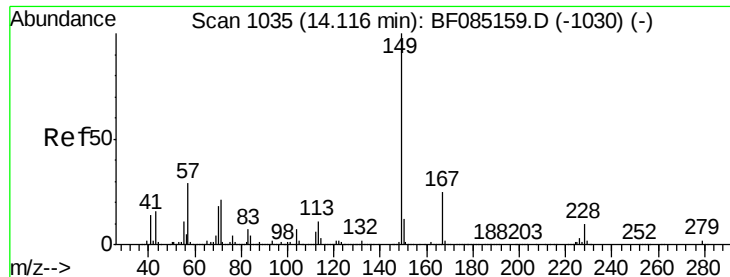
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#82
 Chrysene
 Concen: 43.96 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.2	16.0	24.0





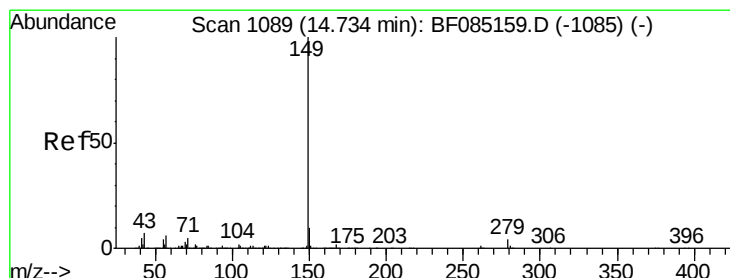
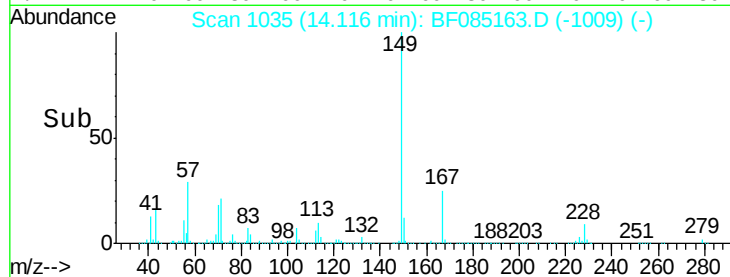
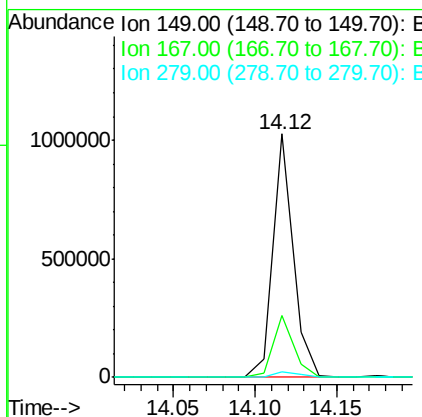
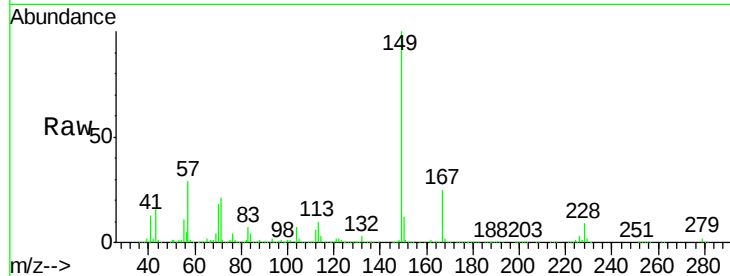
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.70 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	2.4	1.9	2.9

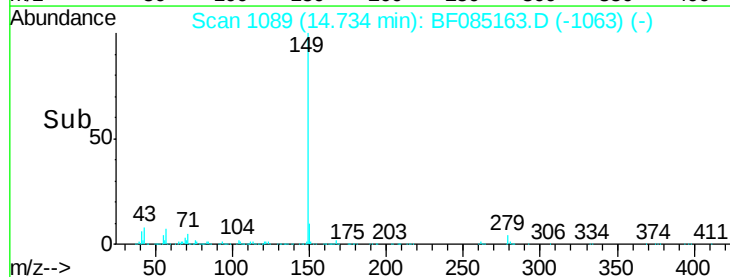
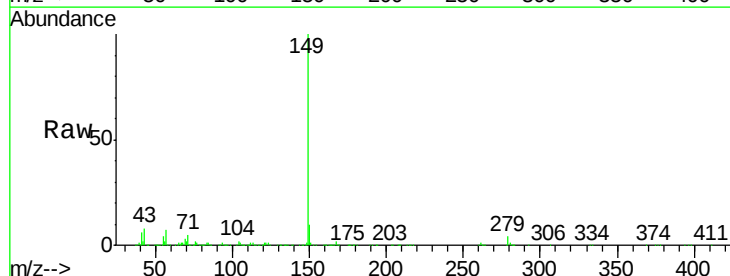
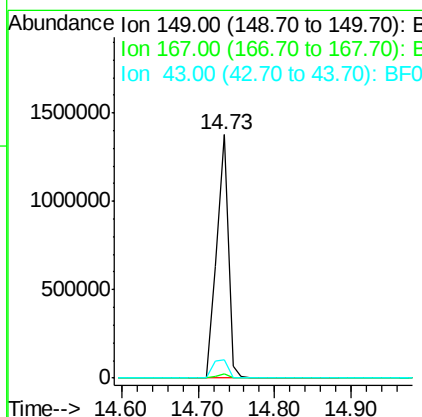
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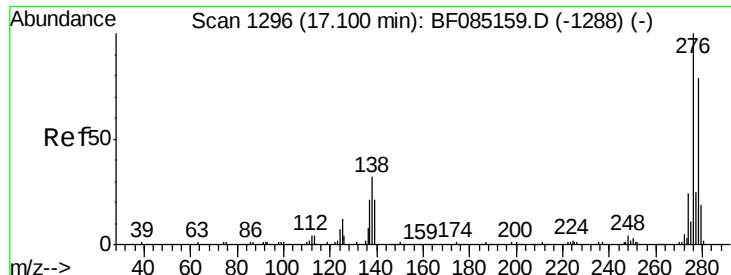
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#84
 Di-n-octyl phthalate
 Concen: 45.44 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.0	7.8	11.8





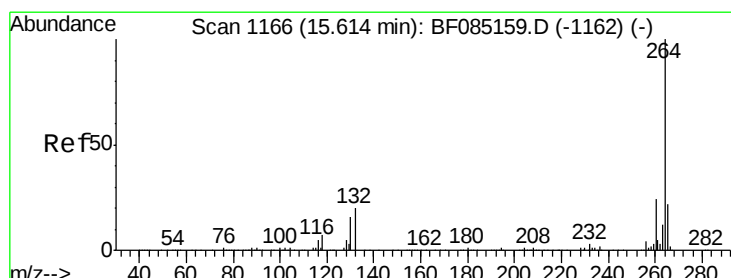
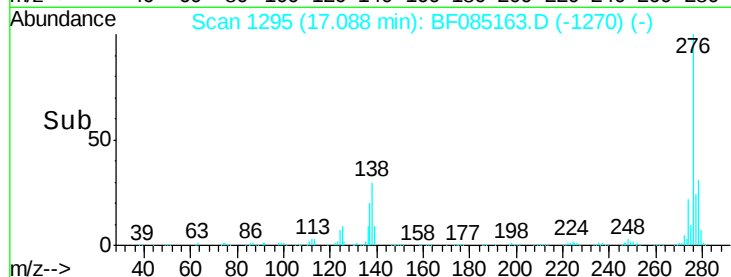
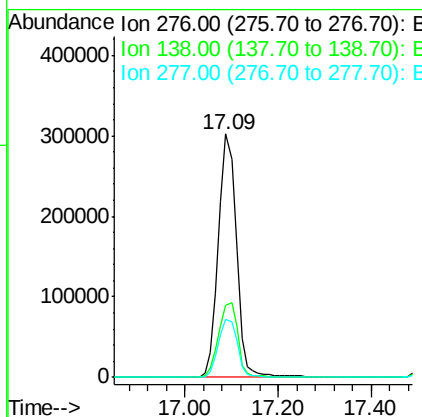
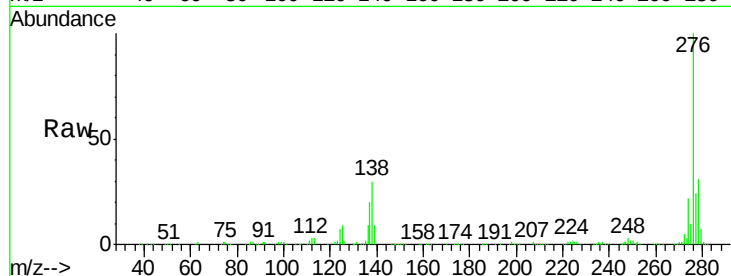
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.75 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	26.4	39.6
277	25.1	20.2	30.2

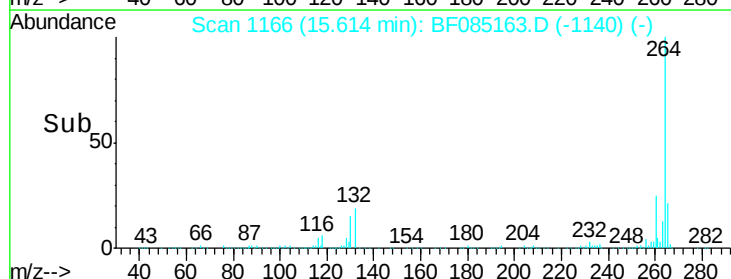
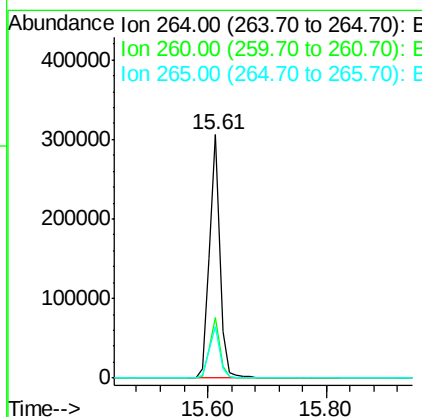
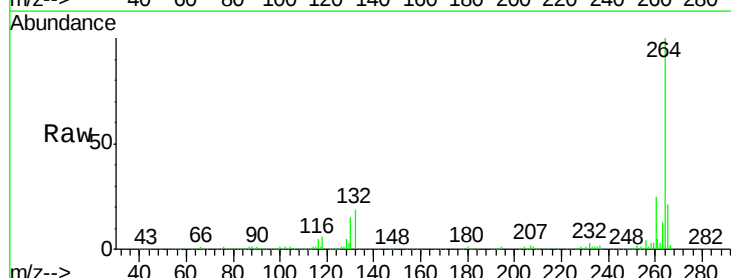
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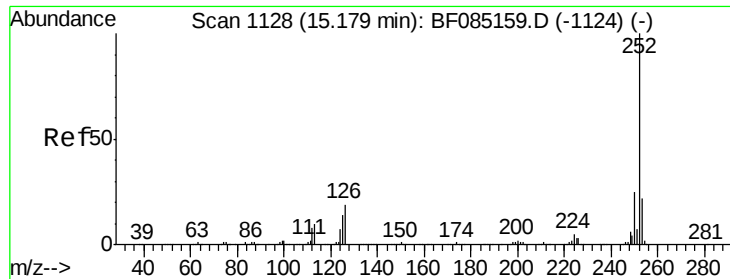
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.4	17.3	25.9





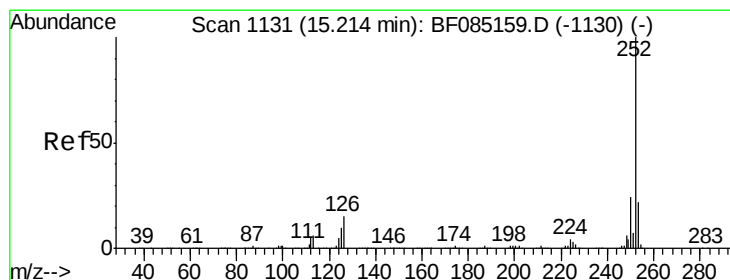
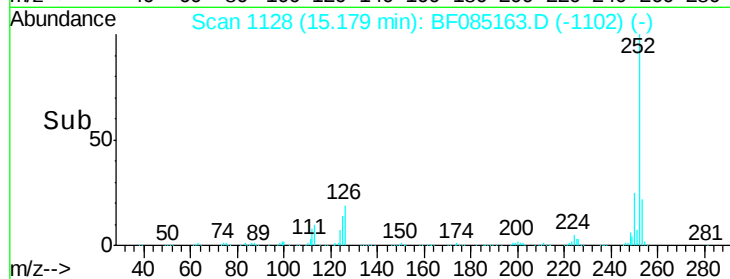
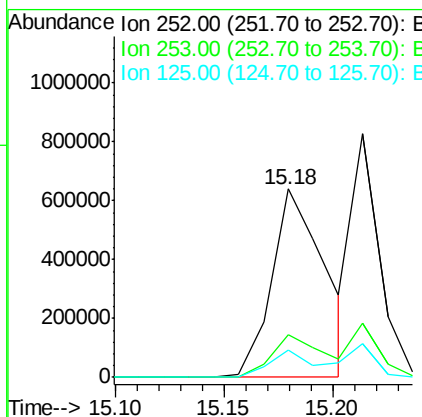
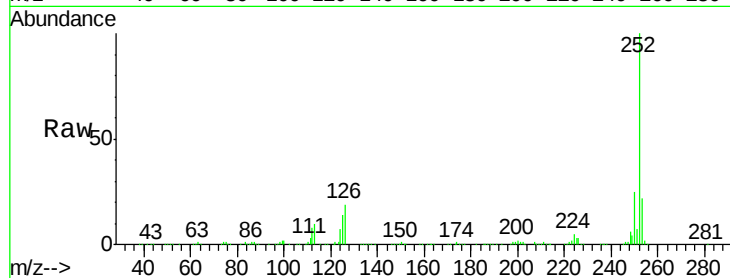
#87
Benzo(b)fluoranthene
Concen: 43.69 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.4	11.3	16.9

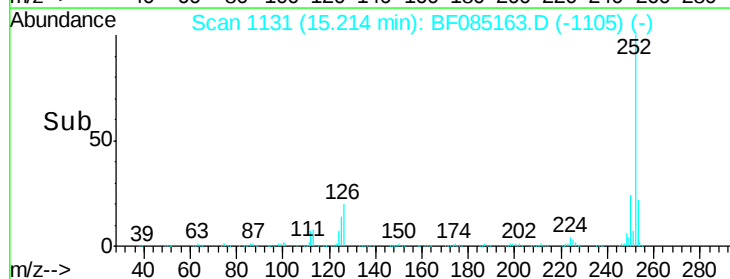
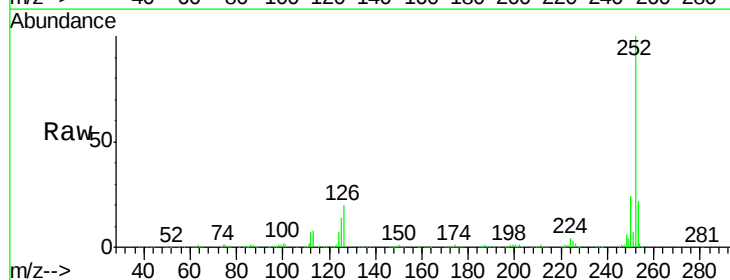
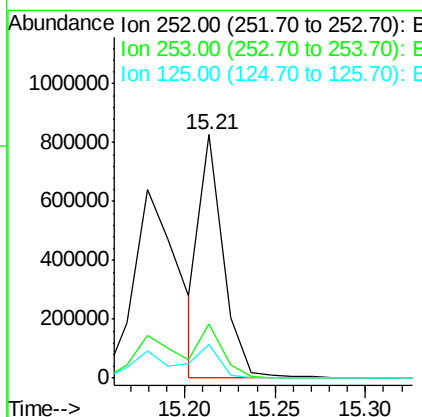
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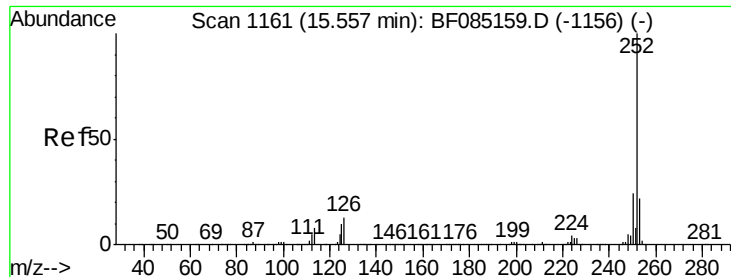
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#88
Benzo(k)fluoranthene
Concen: 36.73 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.7	10.4	15.6





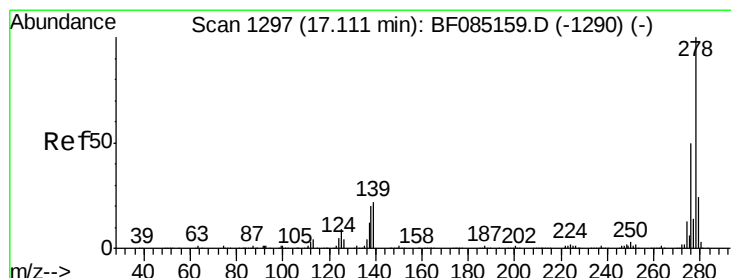
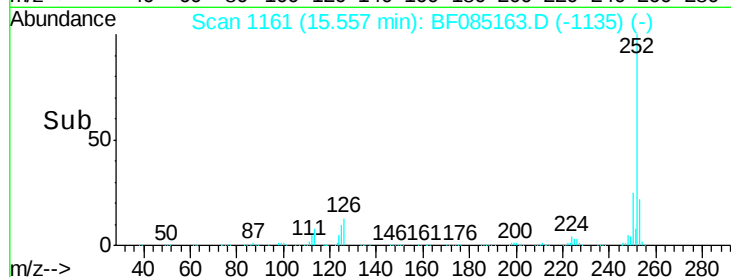
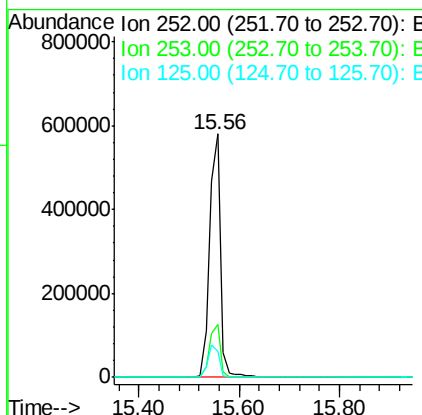
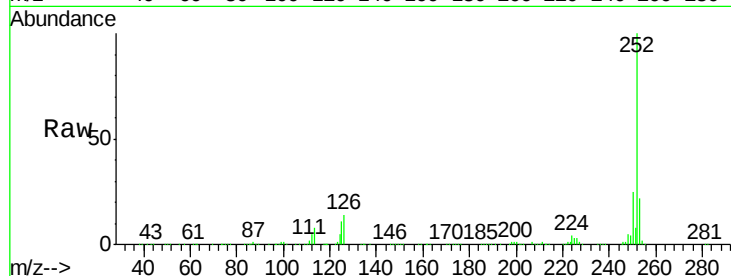
#89
Benzo(a)pyrene
Concen: 41.78 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
ICVBF030316

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	863362		
253	21.7	17.4	26.0	
125	10.5	8.2	12.4	

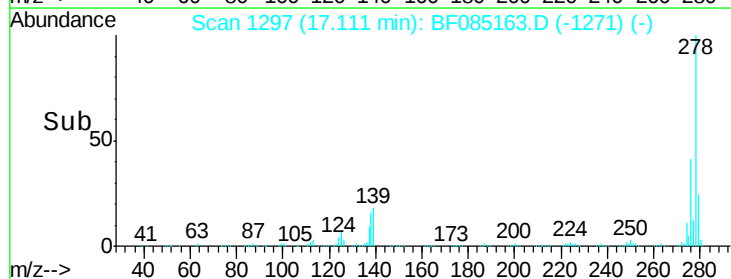
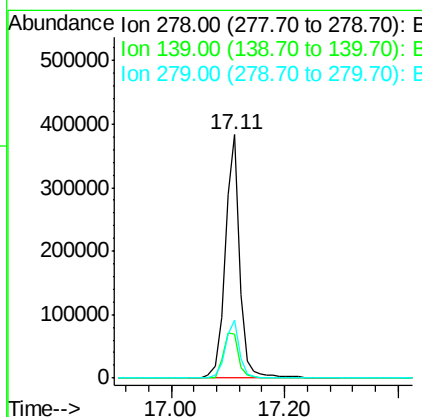
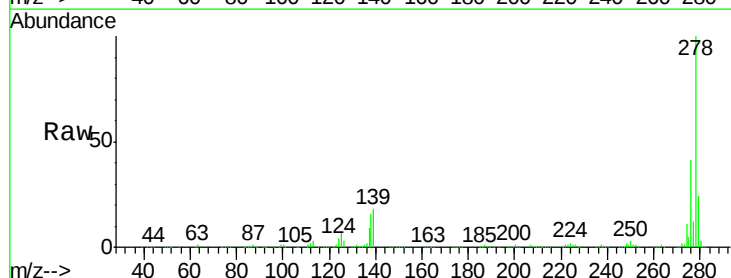
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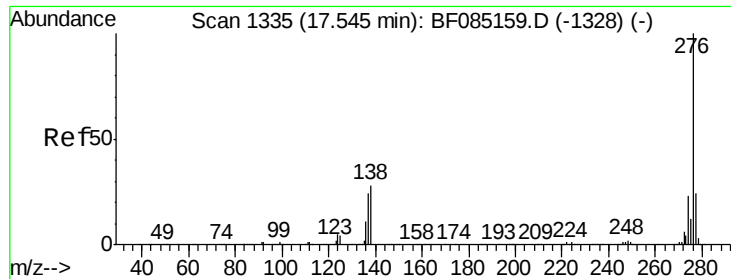
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#90
Dibenzo(a,h)anthracene
Concen: 38.69 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085163.D
Acq: 3 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	682529		
139	18.3	17.3	25.9	
279	23.7	19.2	28.8	





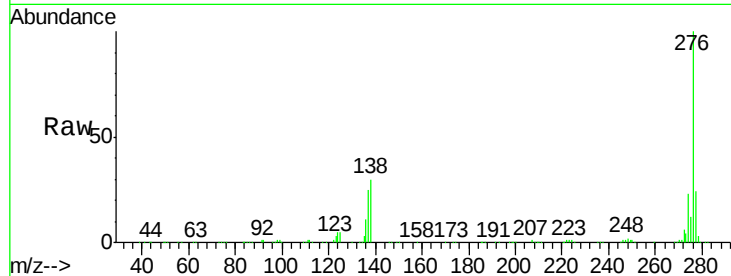
#91
 Benzo(g,h,i)perylene
 Concen: 38.38 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085163.D
 Acq: 3 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030316

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	19.0	28.4
138	29.9	22.5	33.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

