

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
 Data File : BF085058.D
 Acq On : 12 Feb 2016 22:10
 Operator : SJ/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:43:16 PM

Quant Time: Feb 13 01:54:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	157809	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	684638	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	316026	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	591666	20.00	ng	0.00
75) Chrysene-d12	17.18	240	414257	20.00	ng	0.00
86) Perylene-d12	18.80	264	304626	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.15	112	641035	71.03	ng	-0.01
7) Phenol-d6	5.44	99	1013188	84.23	ng	0.00
23) Nitrobenzene-d5	6.72	82	954737	82.35	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	274736	84.17	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1803312	81.57	ng	0.00
78) Terphenyl-d14	15.62	244	1611089	80.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	153743	41.35	ng	97
3) Pyridine	2.42	79	362149	41.69	ng	96
4) n-Nitrosodimethylamine	2.41	42	169483	37.92	ng	93
6) Aniline	5.46	93	548348	40.63	ng	95
8) 2-Chlorophenol	5.59	128	471985	42.54	ng	97
9) Benzaldehyde	5.29	77	274817	42.42	ng	95
10) Phenol	5.46	94	583294	41.46	ng	95
11) bis(2-Chloroethyl)ether	5.53	93	528080	43.36	ng	99
12) 1,3-Dichlorobenzene	5.79	146	454681	41.21	ng	98
13) 1,4-Dichlorobenzene	5.91	146	501068	40.81	ng	98
14) 1,2-Dichlorobenzene	6.11	146	477465	41.38	ng	100
15) Benzyl Alcohol	6.16	79	258003	35.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	770009	41.55	ng	99
17) 2-Methylphenol	6.33	107	301736	37.57	ng	98
18) Hexachloroethane	6.58	117	193615	42.80	ng	# 88
19) n-Nitroso-di-n-propylamine	6.50	70	313682	41.40	ng	97
20) 3+4-Methylphenols	6.57	107	375173	38.93	ng	92
22) Acetophenone	6.50	105	718177	40.93	ng	99
24) Nitrobenzene	6.74	77	508841	40.17	ng	100
25) Isophorone	7.10	82	868619	41.76	ng	98
26) 2-Nitrophenol	7.22	139	253611	41.77	ng	98
27) 2,4-Dimethylphenol	7.35	122	399984	40.71	ng	98
28) bis(2-Chloroethoxy)methane	7.47	93	526385	40.77	ng	100
29) 2,4-Dichlorophenol	7.63	162	369835	41.42	ng	97
30) 1,2,4-Trichlorobenzene	7.70	180	427682	41.55	ng	100
31) Naphthalene	7.82	128	1351604	40.72	ng	100
32) Benzoic acid	7.64	122	164592	35.93	ng	95
33) 4-Chloroaniline	7.98	127	513882	40.81	ng	97
34) Hexachlorobutadiene	8.01	225	233676	40.54	ng	98
35) Caprolactam	8.56	113	97706	40.70	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	423792	41.86	ng	98
37) 2-Methylnaphthalene	8.92	142	851187	40.20	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	423471	41.47	ng	100
40) Hexachlorocyclopentadiene	9.16	237	152119	40.60	ng	99

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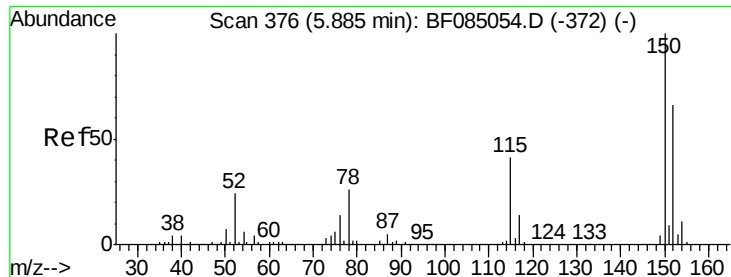
Manual Integrations
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 2/15/2016 4:43:16 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	225733	40.09	ng	99
43) 2,4,5-Trichlorophenol	9.50	196	270856	41.34	ng	99
45) 1,1'-Biphenyl	9.69	154	1177453	40.96	ng	99
46) 2-Chloronaphthalene	9.70	162	837192	41.10	ng	97
47) 2-Nitroaniline	9.93	65	262381	41.73	ng	97
48) Acenaphthylene	10.35	152	1318333	40.77	ng	99
49) Dimethylphthalate	10.23	163	983331	41.50	ng	99
50) 2,6-Dinitrotoluene	10.33	165	202856	41.73	ng	94
51) Acenaphthene	10.64	154	793952	40.60	ng	99
52) 3-Nitroaniline	10.62	138	226399	41.92	ng	92
53) 2,4-Dinitrophenol	10.81	184	77431	41.90	ng	96
54) Dibenzofuran	10.93	168	1078130	41.22	ng	100
55) 4-Nitrophenol	11.05	139	139822	40.35	ng	95
56) 2,4-Dinitrotoluene	10.98	165	285295	43.08	ng	95
57) Fluorene	11.49	166	922655	41.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	230421	44.47	ng	97
59) Diethylphthalate	11.37	149	963840	41.05	ng	99
60) 4-Chlorophenyl-phenylether	11.51	204	437805	40.73	ng	97
61) 4-Nitroaniline	11.63	138	212645	42.85	ng	97
62) Azobenzene	11.76	77	930924	41.15	ng	98
64) 4,6-Dinitro-2-methylphenol	11.65	198	128190	38.67	ng	94
65) n-Nitrosodiphenylamine	11.73	169	757148	40.30	ng	98
66) 4-Bromophenyl-phenylether	12.30	248	268269	40.71	ng	95
67) Hexachlorobenzene	12.35	284	286236	40.62	ng	95
68) Atrazine	12.64	200	222786	40.92	ng	98
69) Pentachlorophenol	12.73	266	105466	37.35	ng	96
70) Phenanthrene	13.03	178	1295479	39.71	ng	99
71) Anthracene	13.12	178	1406390	41.25	ng	99
72) Carbazole	13.43	167	1159348	41.07	ng	99
73) Di-n-butylphthalate	14.03	149	1490114	40.22	ng	99
74) Fluoranthene	14.96	202	1352691	41.62	ng	100
76) Benzidine	15.26	184	296970	33.35	ng	96
77) Pyrene	15.31	202	1352765	40.82	ng	99
79) Butylbenzylphthalate	16.45	149	592171	42.49	ng	98
80) Benzo(a)anthracene	17.17	228	974359	40.62	ng	99
81) 3,3'-Dichlorobenzidine	17.17	252	288534	41.39	ng	99
82) Chrysene	17.21	228	951235	40.89	ng	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	764290	41.72	ng	99
84) Di-n-octyl phthalate	18.02	149	1079450	41.47	ng	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	778440	40.27	ng	100
87) Benzo(b)fluoranthene	18.41	252	774461m	38.78	ng	
88) Benzo(k)fluoranthene	18.43	252	658993m	41.30	ng	
89) Benzo(a)pyrene	18.74	252	674559	39.94	ng	98
90) Dibenzo(a,h)anthracene	20.10	278	653007	40.73	ng	99
91) Benzo(g,h,i)perylene	20.47	276	670186	40.26	ng	99

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



#1

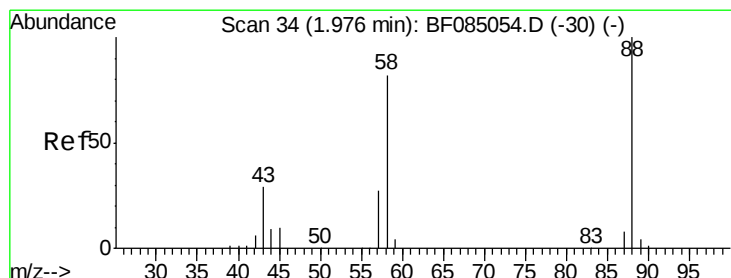
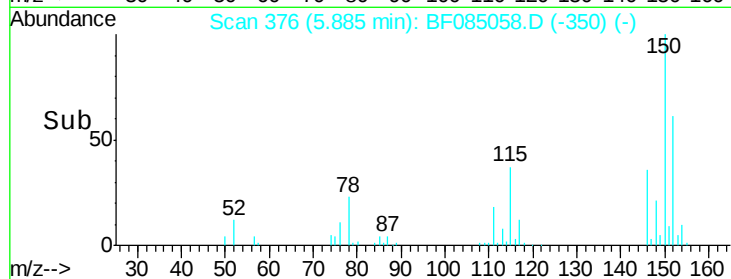
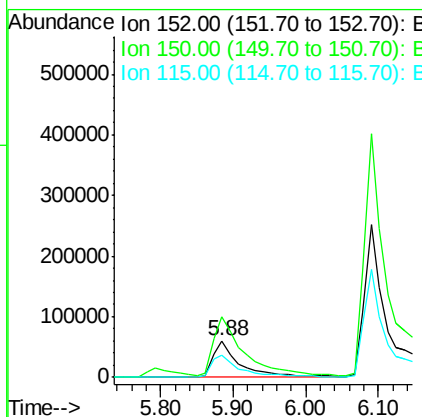
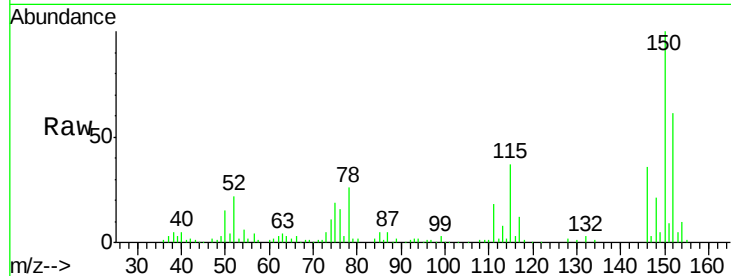
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	127.4	191.2
115	61.6	50.5	75.7

Manual Integrations
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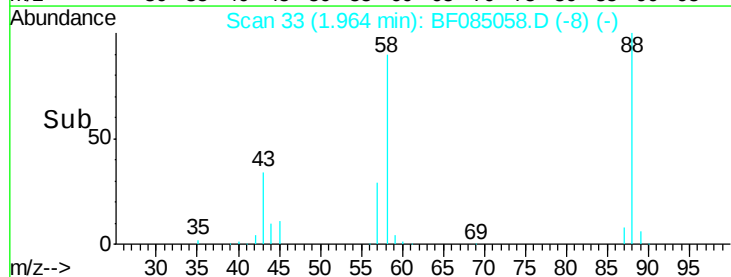
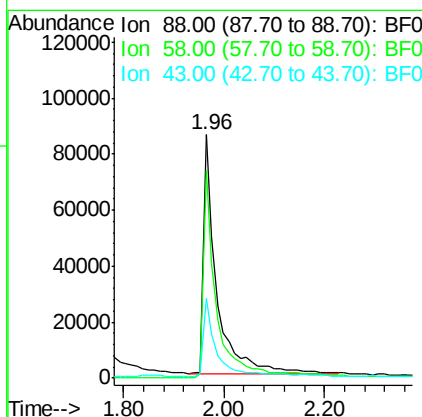
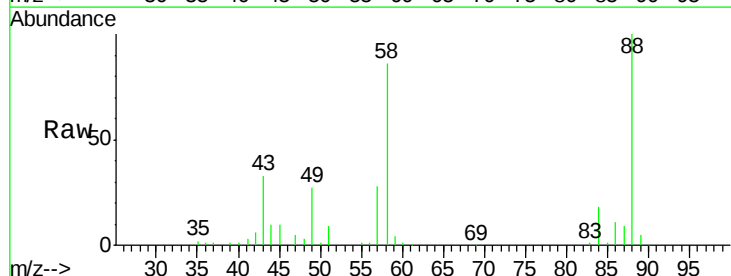
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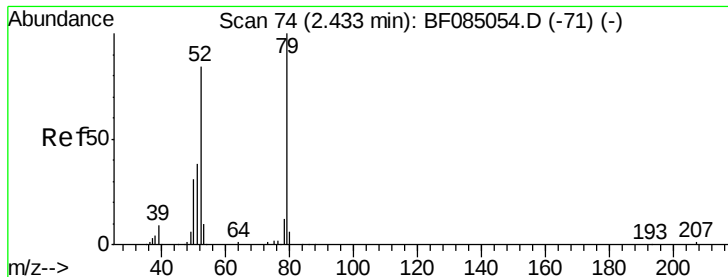


#2

1,4-Dioxane
Concen: 41.35 ng
RT: 1.96 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	70.9	106.3
43	32.9	25.9	38.9





#3

Pvridine

Concen: 41.69 ng

RT: 2.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

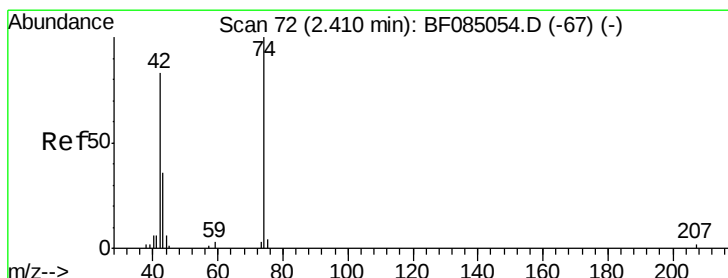
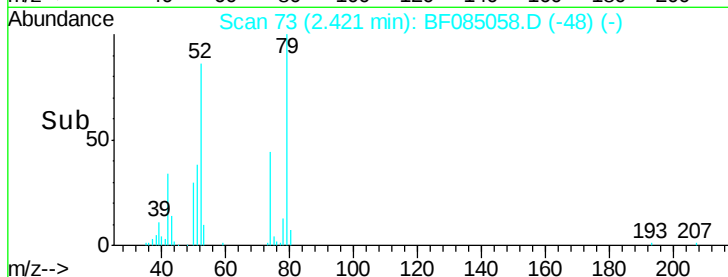
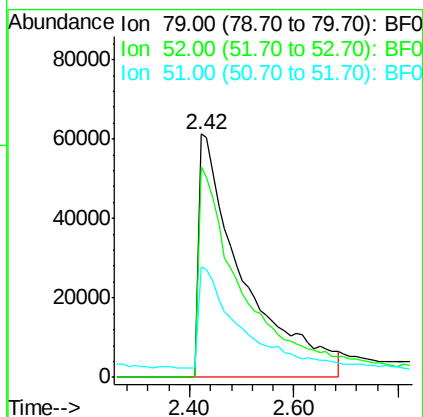
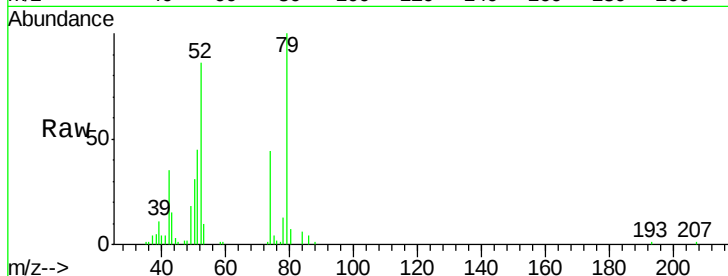
ClientSampleId :

ICVBF021316

Tot Ion:	79	Resp:	362149
Ion Ratio	Lower	Upper	
79	100		
52	86.1	67.1	100.7
51	45.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 37.92 ng

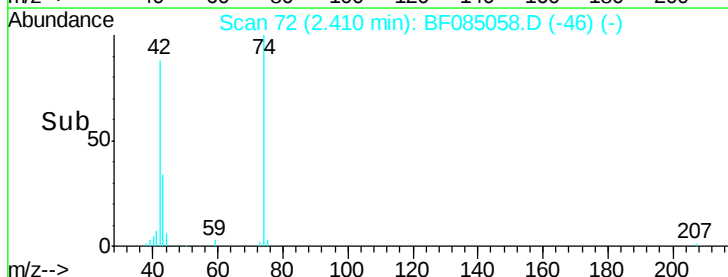
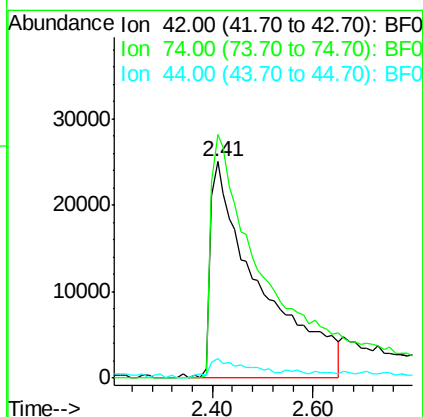
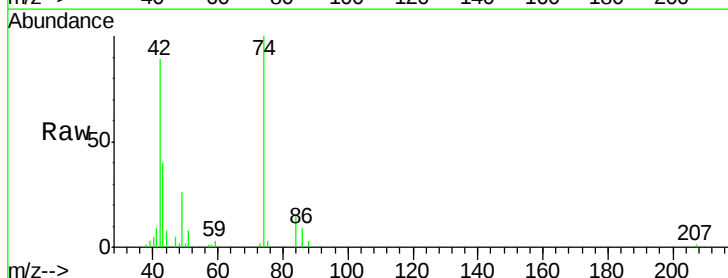
RT: 2.41 min Scan# 72

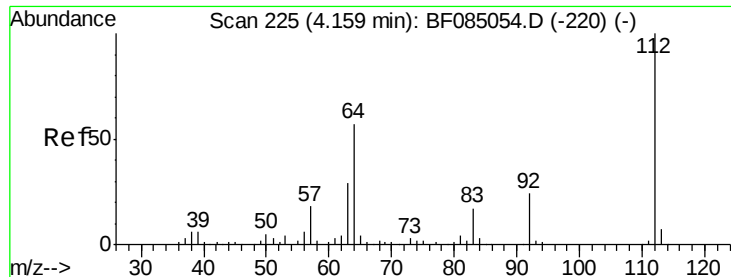
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	42	Resp:	169483
Ion Ratio	Lower	Upper	
42	100		
74	112.5	96.2	144.4
44	9.0	7.0	10.4





#5

2-Fluorophenol

Concen: 71.03 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

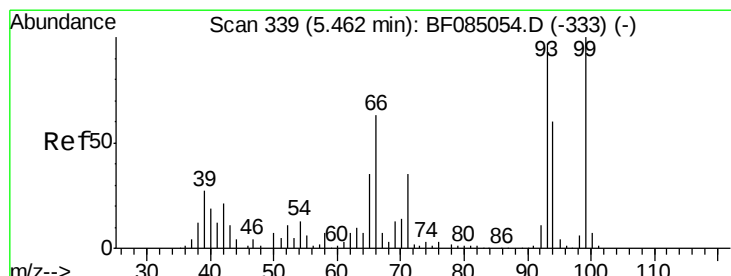
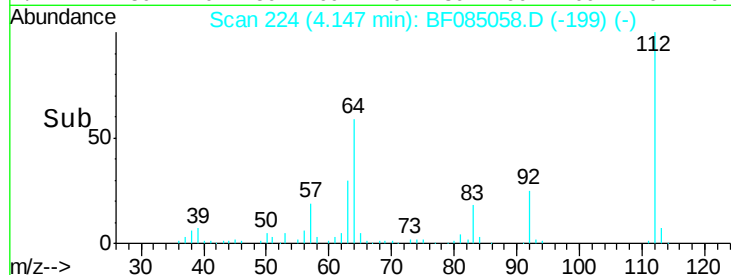
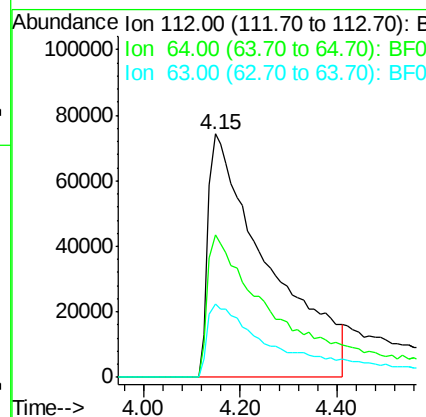
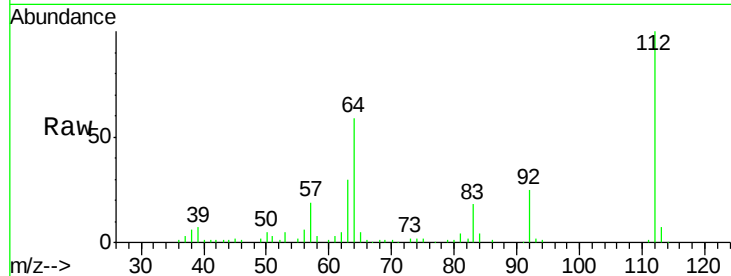
ClientSampleId :

ICVBF021316

Tot Ion:	112	Resp:	641035
Ion Ratio	Lower	Upper	
112	100		
64	58.6	45.4	68.2
63	30.4	23.2	34.8

Manual Integrations
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#6

Aniline

Concen: 40.63 ng

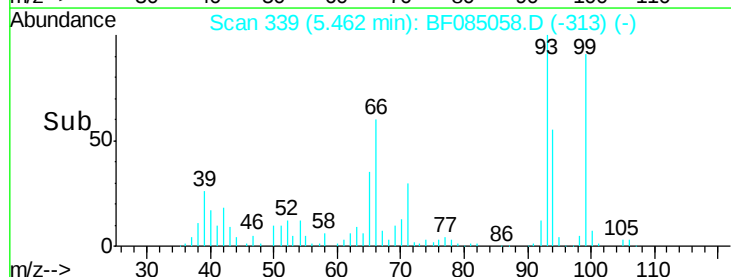
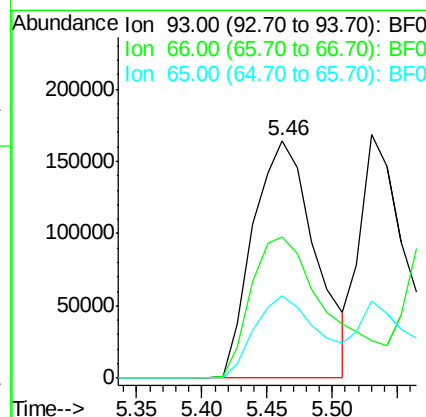
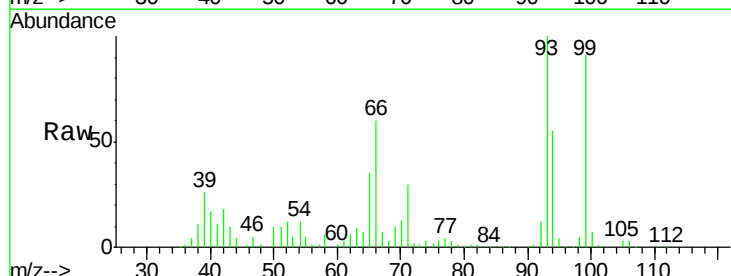
RT: 5.46 min Scan# 339

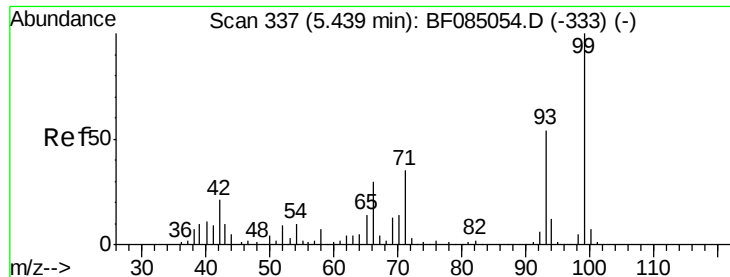
Delta R.T. 0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	93	Resp:	548348
Ion Ratio	Lower	Upper	
93	100		
66	59.6	51.8	77.8
65	34.7	28.5	42.7





#7

Phenol-d6

Concen: 84.23 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Tot Ion: 99 Resp: 1013188

Ion Ratio Lower Upper

99 100

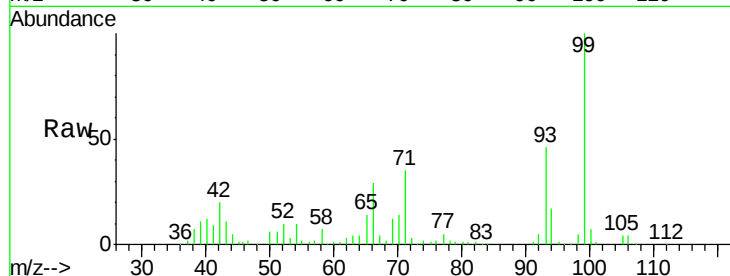
42 20.2 17.0 25.4

71 35.4 28.3 42.5

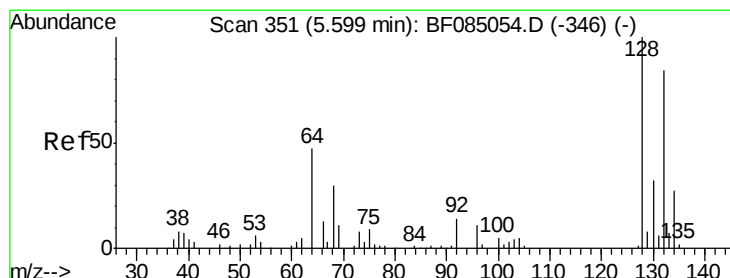
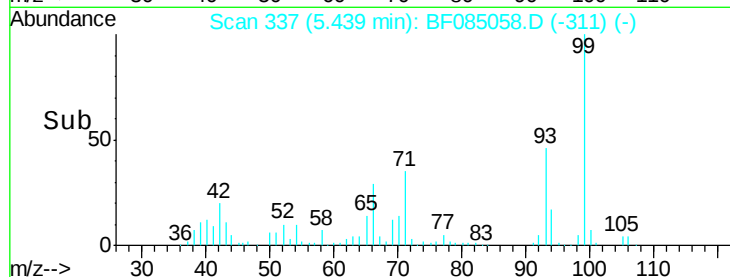
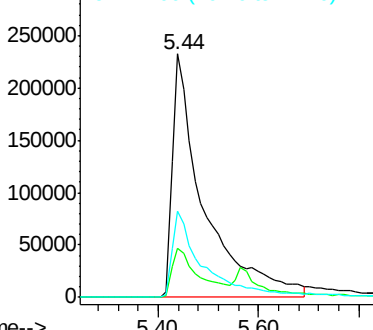
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.54 ng

RT: 5.59 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

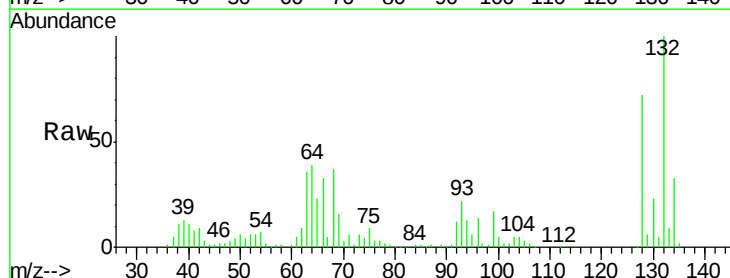
Tgt Ion:128 Resp: 471985

Ion Ratio Lower Upper

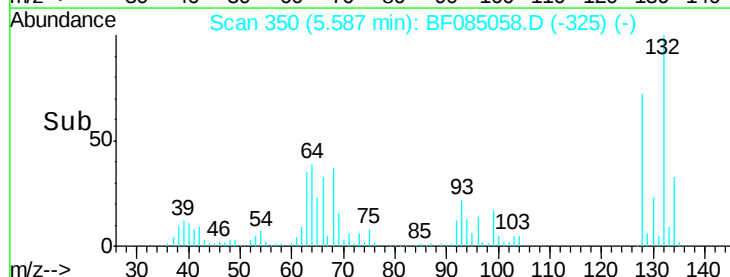
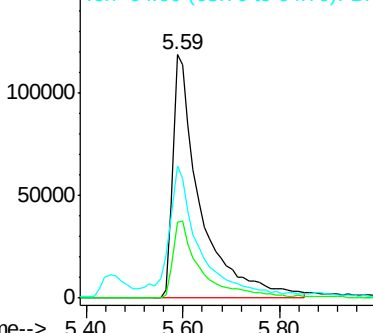
128 100

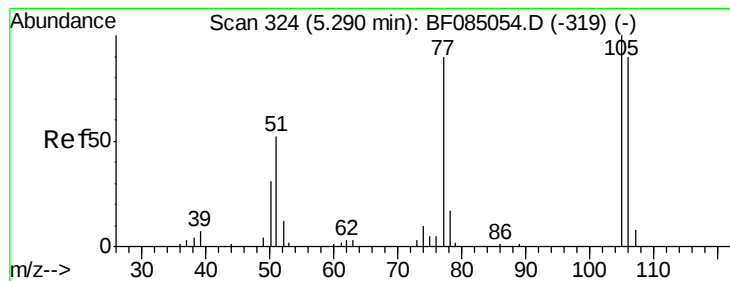
130 31.4 12.4 52.4

64 54.4 32.1 72.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.42 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

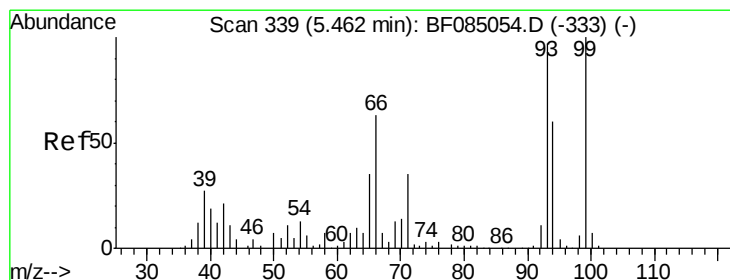
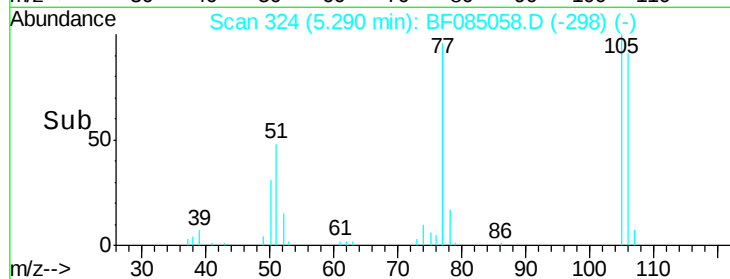
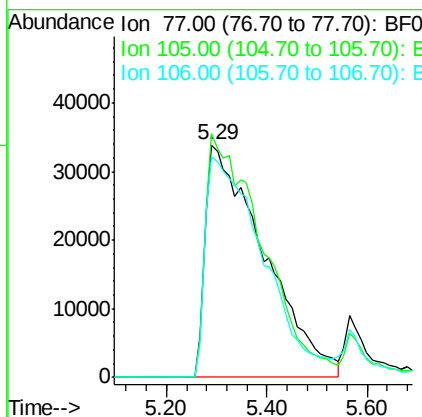
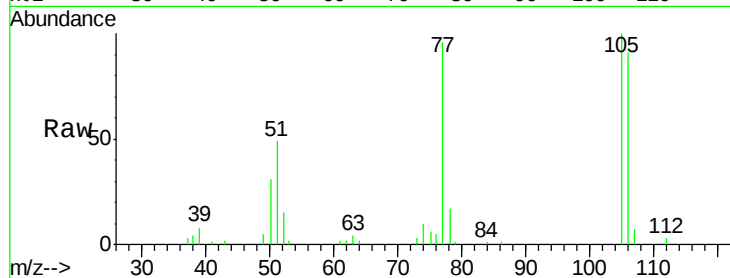
ClientSampleId :

ICVBF021316

Tot Ion:	77	Resp:	274817
Ion Ratio	Lower	Upper	
77	100		
105	104.7	90.9	130.9
106	94.8	79.7	119.7

Manual Integrations
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2/15/2016 4:43:16 PM



#10

Phenol

Concen: 41.46 ng

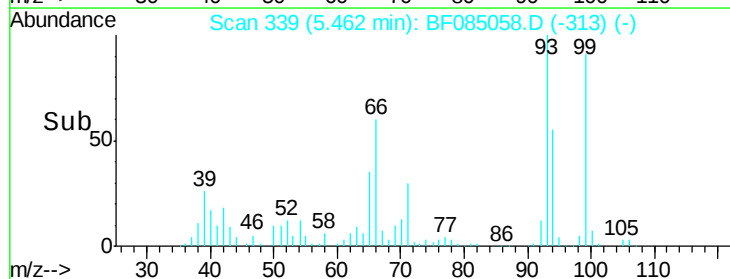
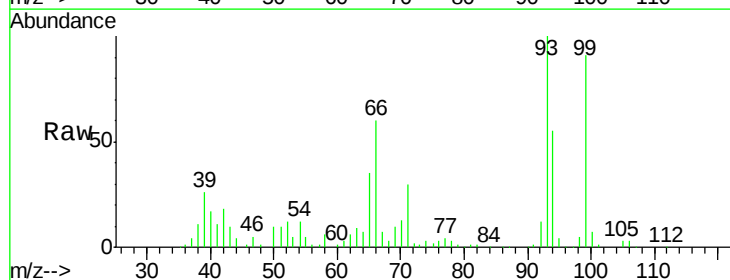
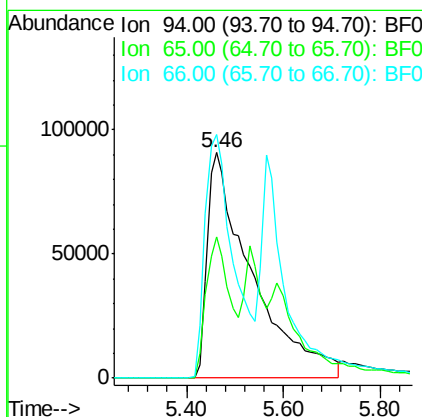
RT: 5.46 min Scan# 339

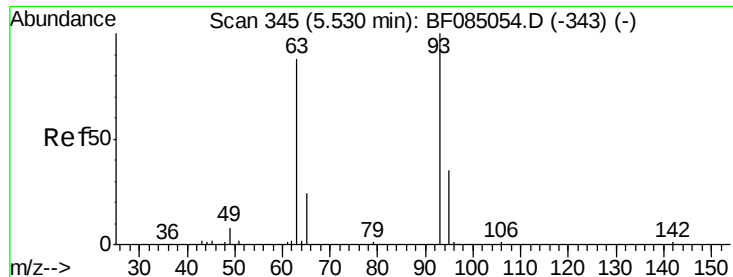
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	94	Resp:	583294
Ion Ratio	Lower	Upper	
94	100		
65	62.8	37.3	77.3
66	108.0	84.1	124.1





#11

bis(2-Chloroethyl)ether

Concen: 43.36 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

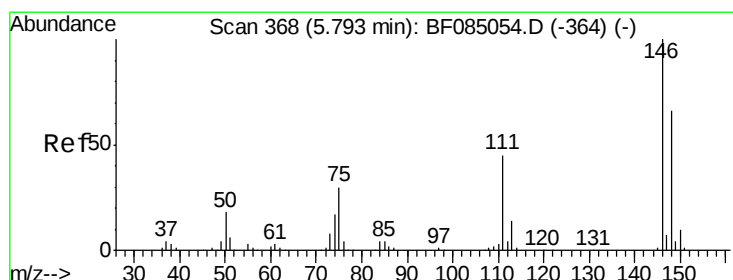
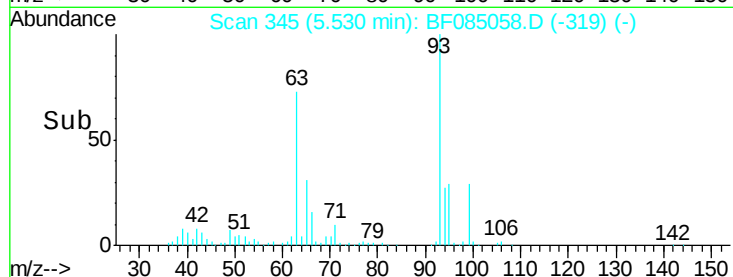
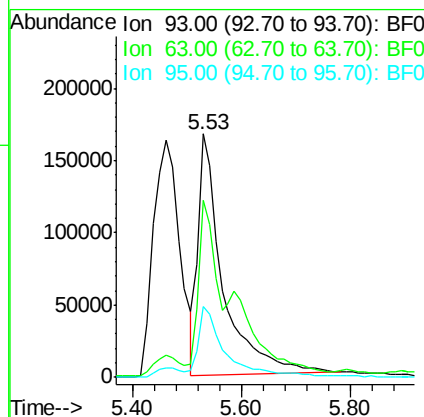
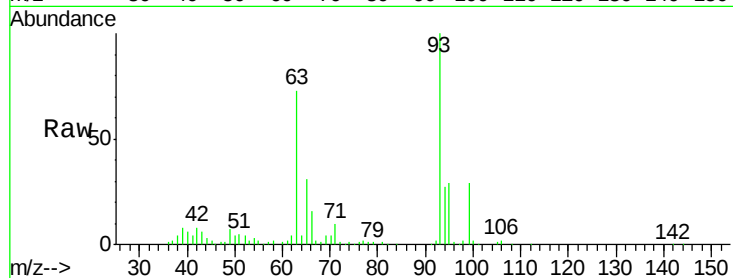
ClientSampleId :

ICVBF021316

Tot Ion:	93	Resp:	528080
Ion Ratio	Lower	Upper	
93	100		
63	72.7	53.6	93.6
95	29.1	10.1	50.1

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#12

1,3-Dichlorobenzene

Concen: 41.21 ng

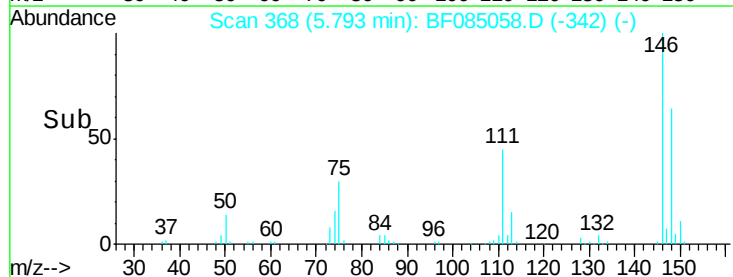
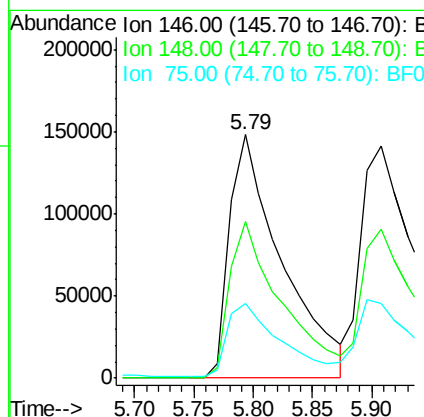
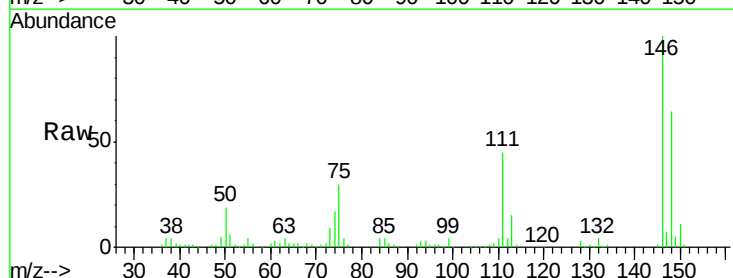
RT: 5.79 min Scan# 368

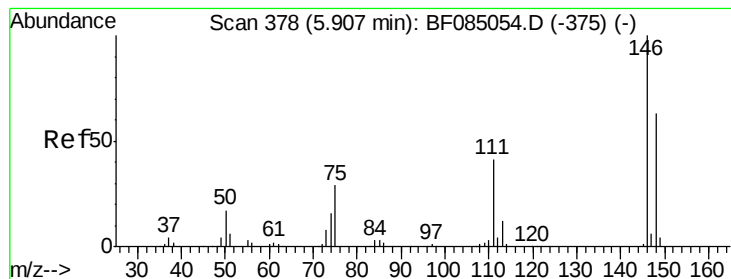
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	146	Resp:	454681
Ion Ratio	Lower	Upper	
146	100		
148	64.1	53.1	79.7
75	30.4	24.4	36.6





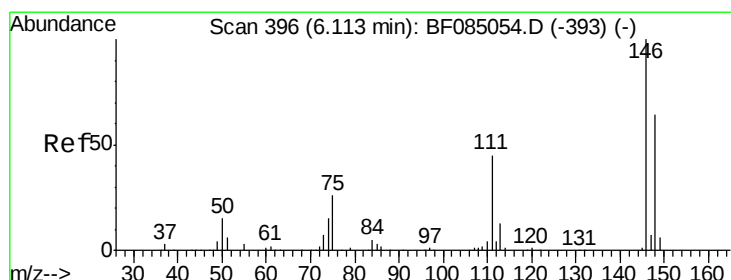
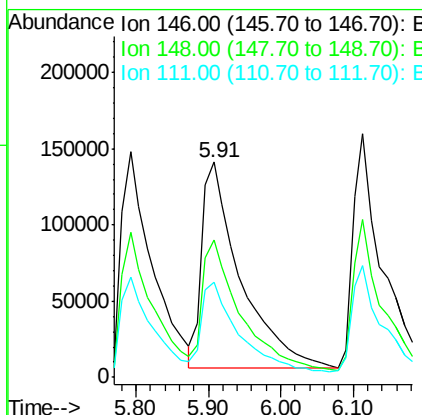
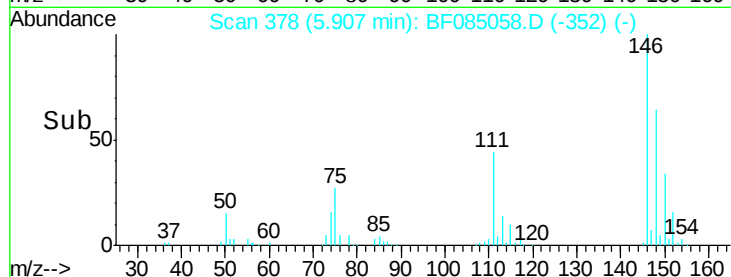
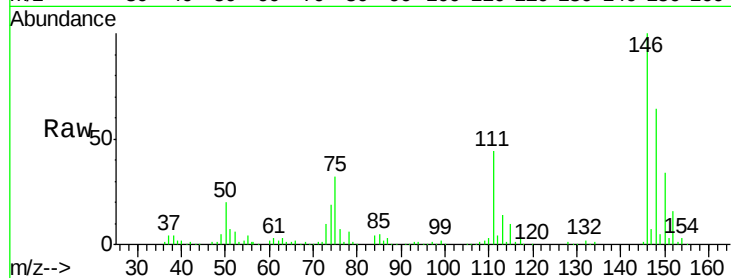
#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 5.91 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	44.1	33.6	50.4

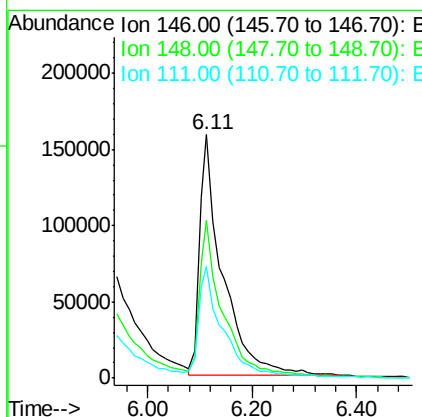
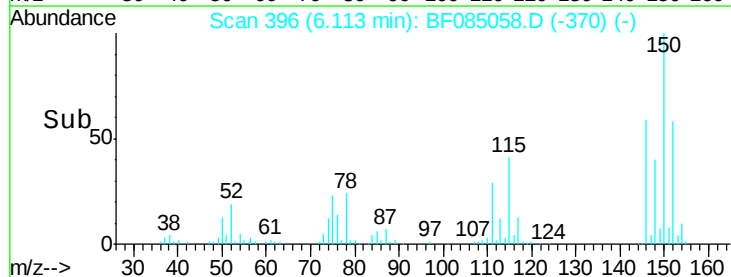
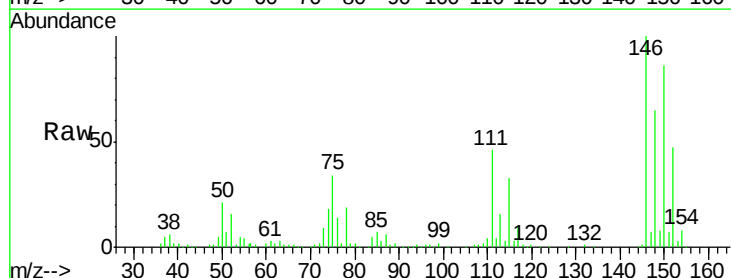
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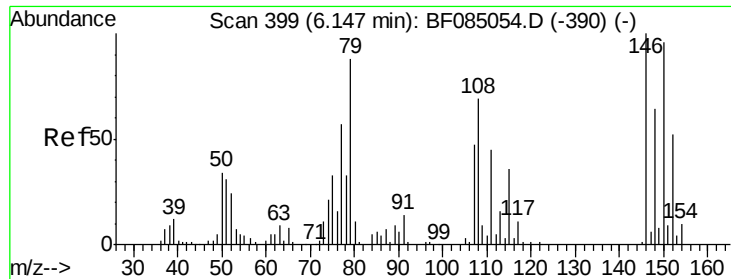
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#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 6.11 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	46.1	36.5	54.7





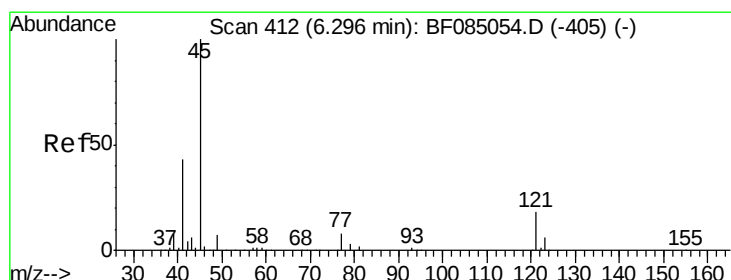
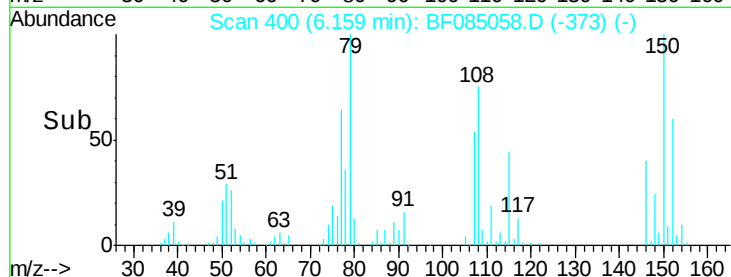
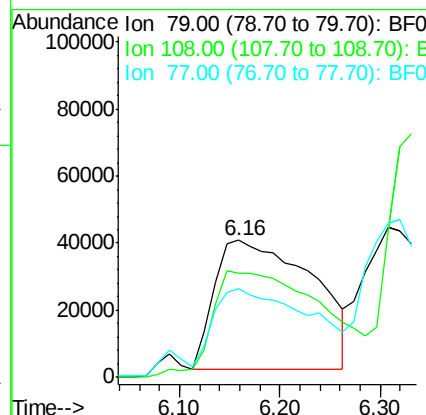
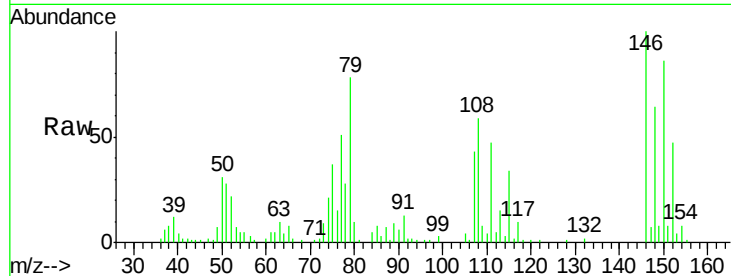
#15
Benzyl Alcohol
Concen: 35.10 ng
RT: 6.16 min Scan# 400
Delta R.T. 0.01 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		258003		
108	75.5	63.4	95.0		
77	64.8	51.8	77.6		

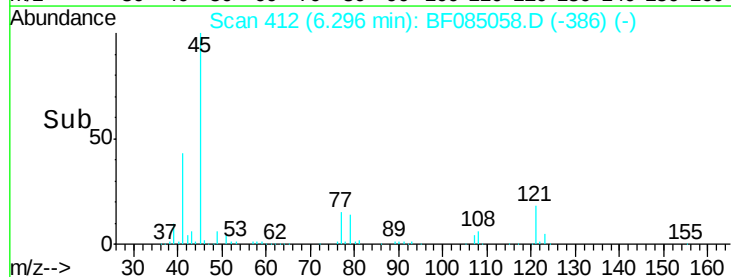
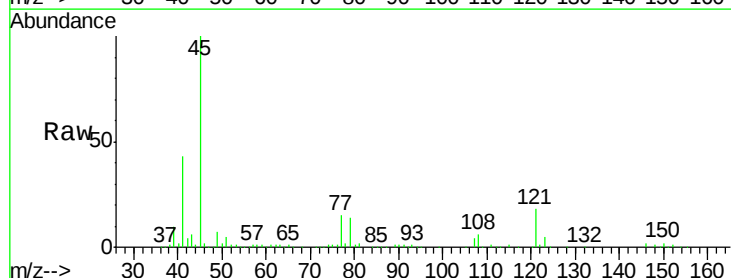
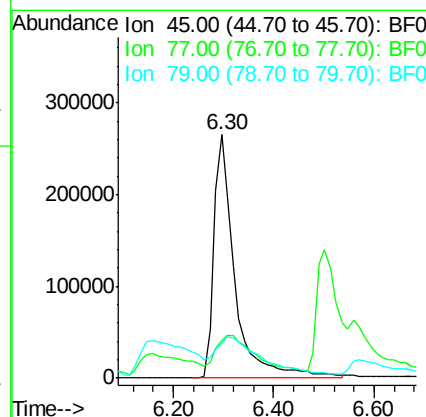
Manual Integrations
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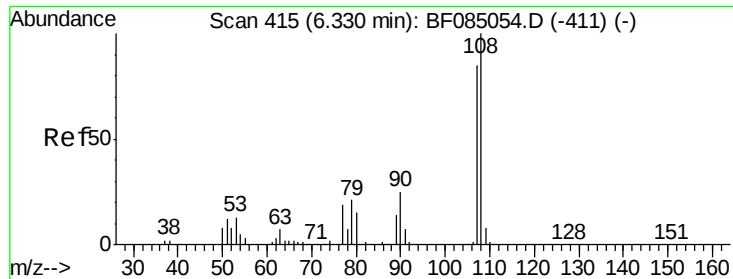
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.55 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		770009		
77	15.3	0.0	35.2		
79	14.3	0.0	33.7		





#17

2-Methylphenol

Concen: 37.57 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

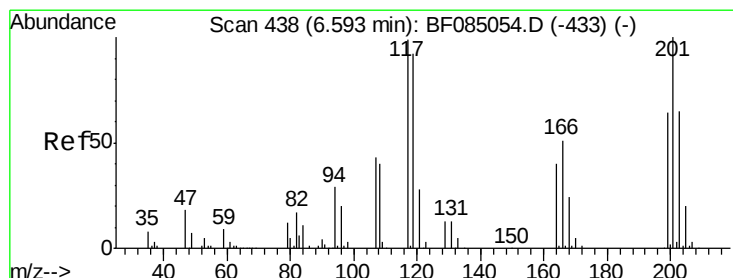
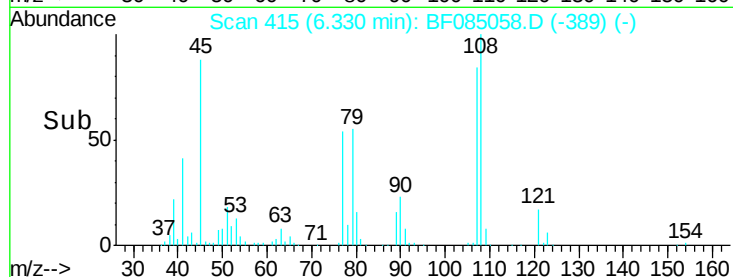
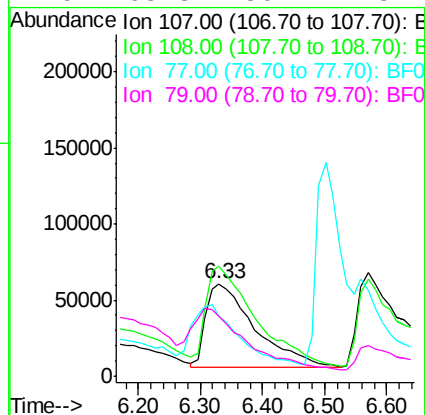
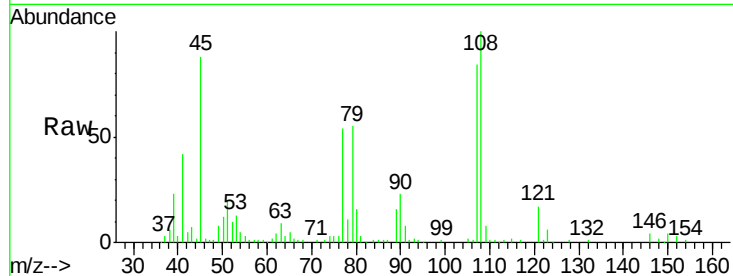
ClientSampleId :

ICVBF021316

Tot Ion:	107	Resp:	301736
Ion Ratio	Lower	Upper	
107	100		
108	119.5	97.0	145.4
77	64.5	50.5	75.7
79	65.3	50.1	75.1

Manual Integrations
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#18

Hexachloroethane

Concen: 42.80 ng

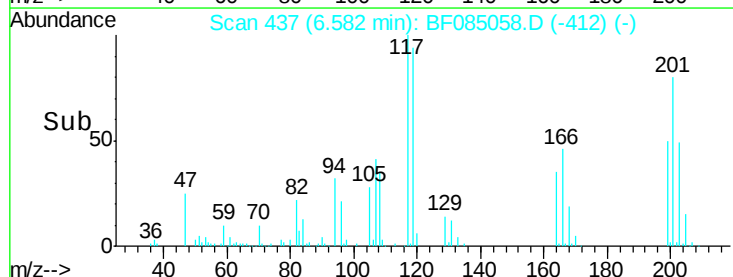
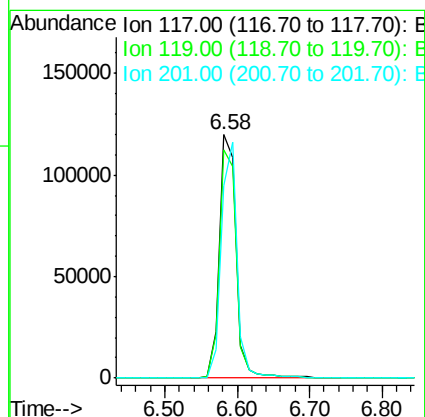
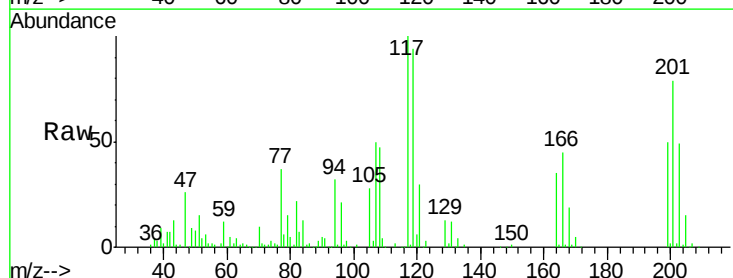
RT: 6.58 min Scan# 437

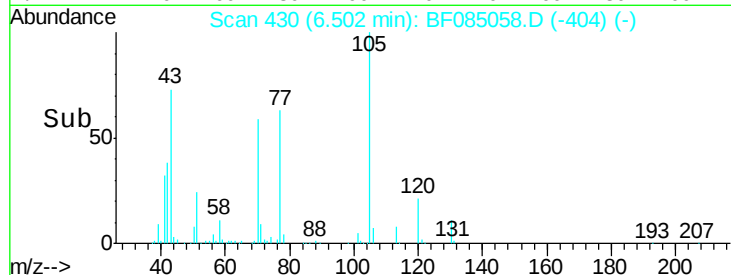
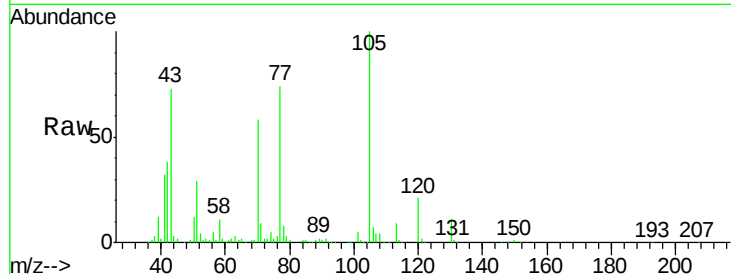
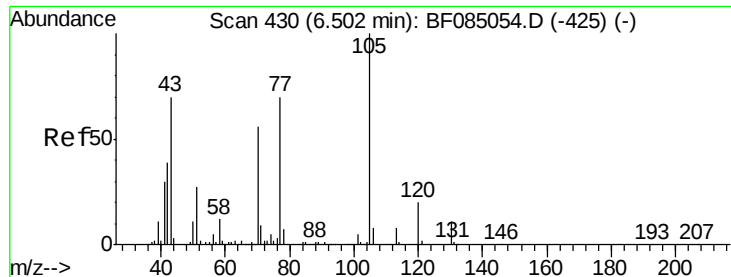
Delta R.T. -0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	117	Resp:	193615
Ion Ratio	Lower	Upper	
117	100		
119	93.9	74.5	111.7
201	79.1	80.9	121.3#





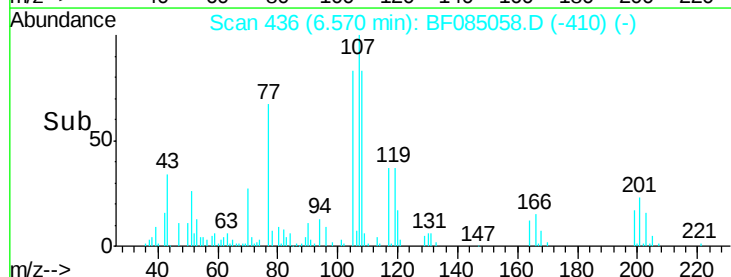
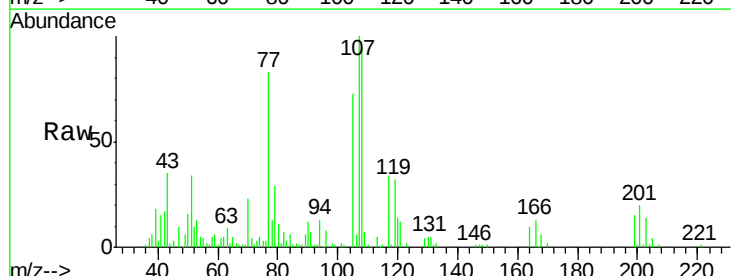
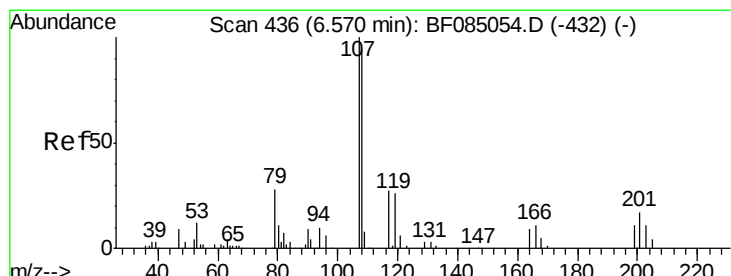
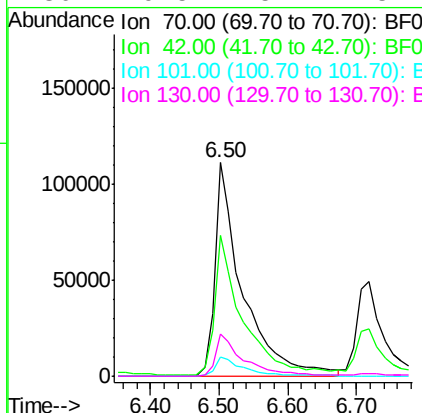
#19
n-Nitroso-di-n-propylamine
Concen: 41.40 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	55.8	83.6
101	8.7	7.7	11.5
130	19.5	15.4	23.2

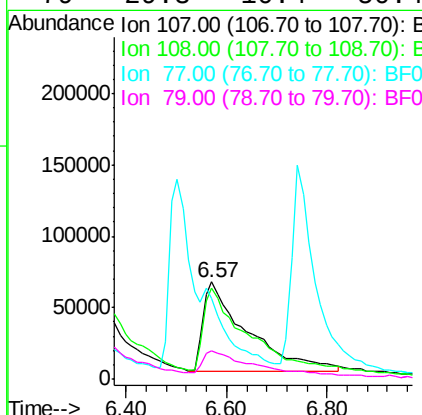
Manual Integrations
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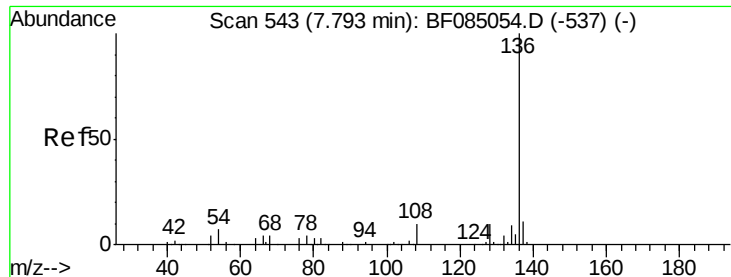
Sohil
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#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	74.4	114.4
77	82.7	46.9	86.9
79	29.3	10.4	50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

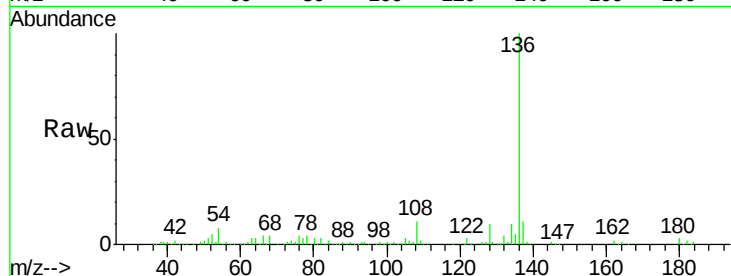
ClientSampleId :

ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		684638		
137	10.7		8.9	13.3	
54	8.2		6.1	9.1	
68	4.5		3.5	5.3	

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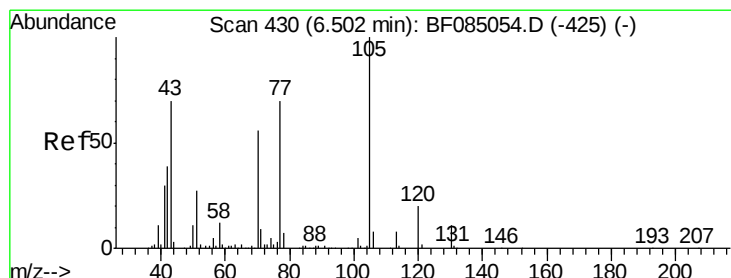
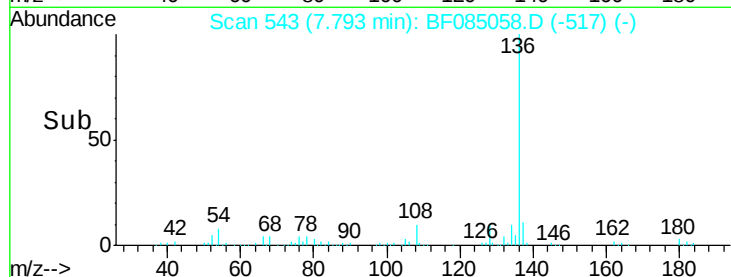
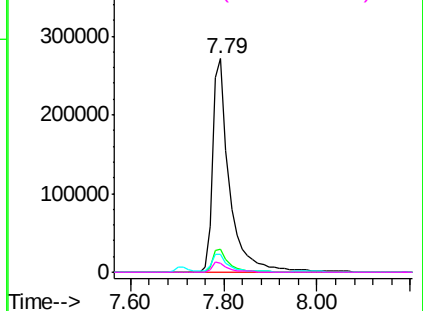
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.93 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		718177		
71	9.3		7.5	11.3	
51	29.2		23.1	34.7	
120	20.5		15.9	23.9	

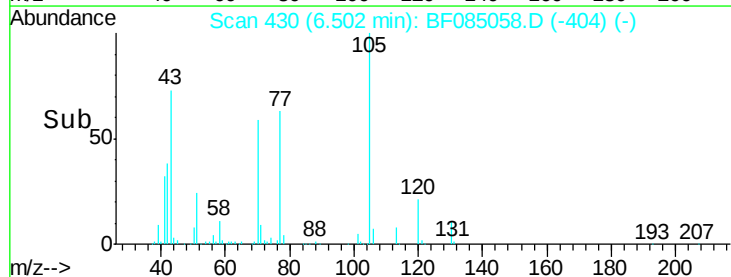
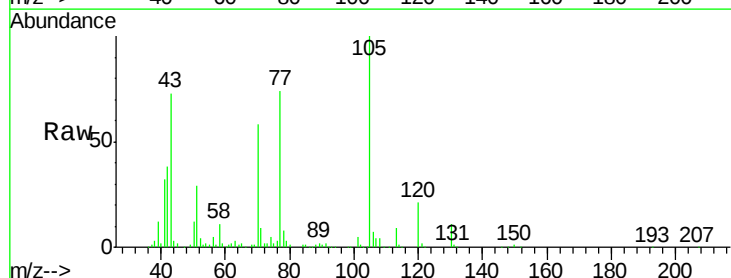
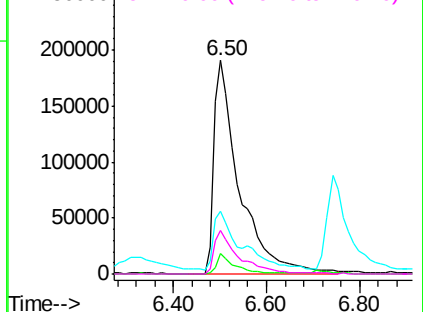
Abundance

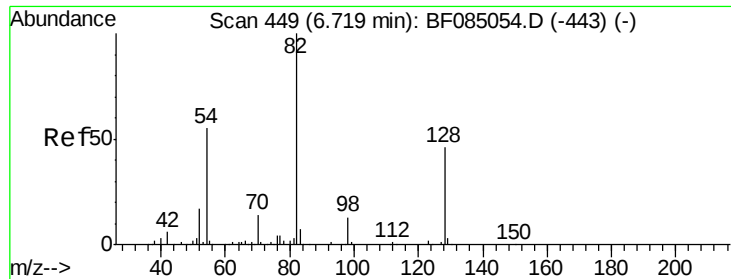
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.35 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

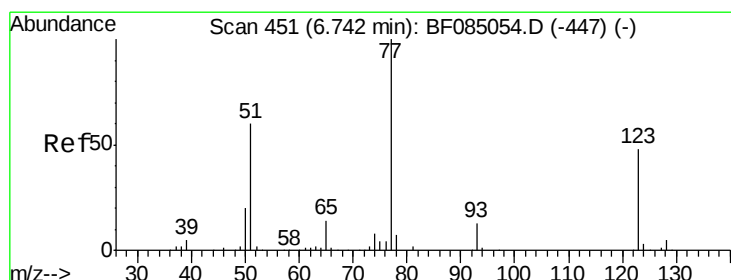
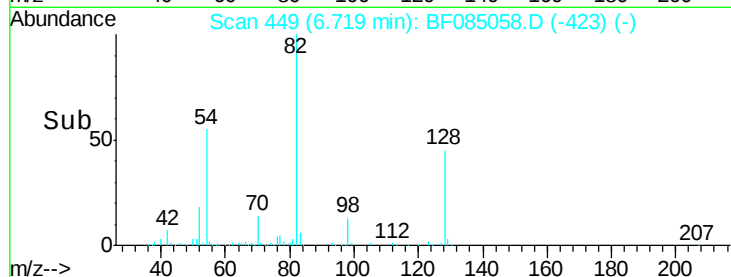
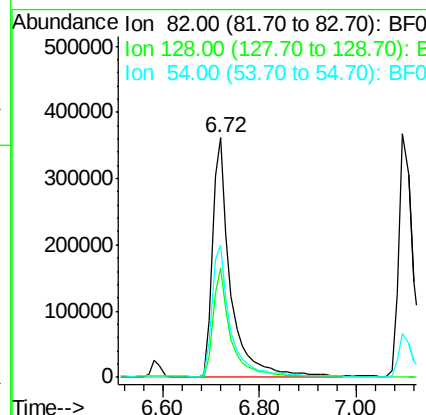
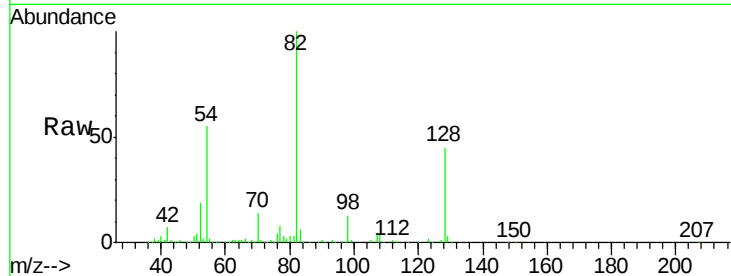
ClientSampleId :

ICVBF021316

Tot Ion:	82	Resp:	954737
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.8	55.2
54	55.0	44.4	66.6

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#24

Nitrobenzene

Concen: 40.17 ng

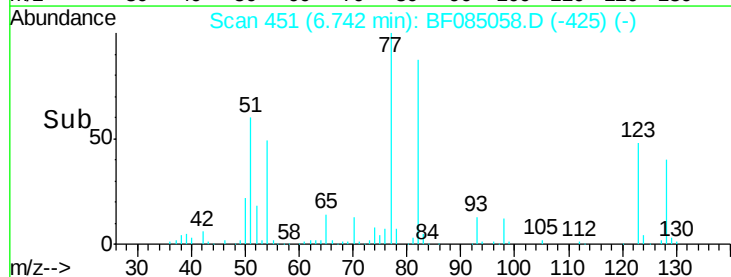
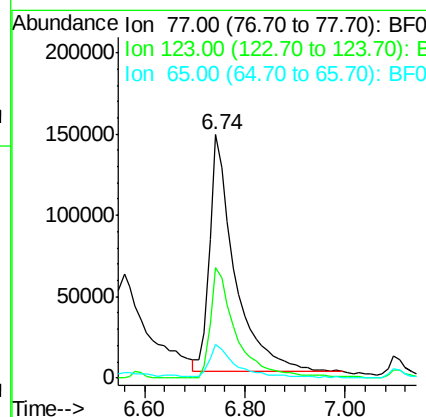
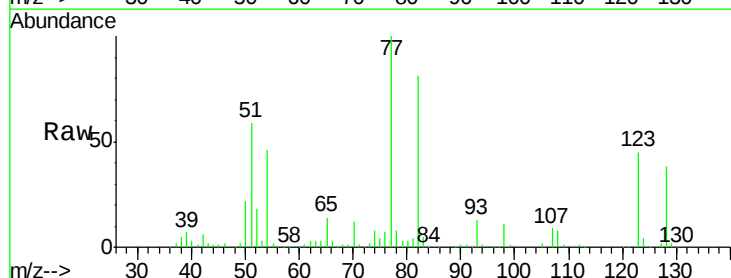
RT: 6.74 min Scan# 451

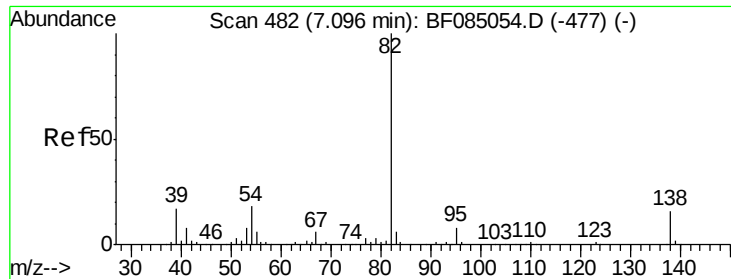
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	77	Resp:	508841
Ion Ratio	Lower	Upper	
77	100		
123	45.4	36.5	54.7
65	13.9	10.9	16.3





#25

Isophorone

Concen: 41.76 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

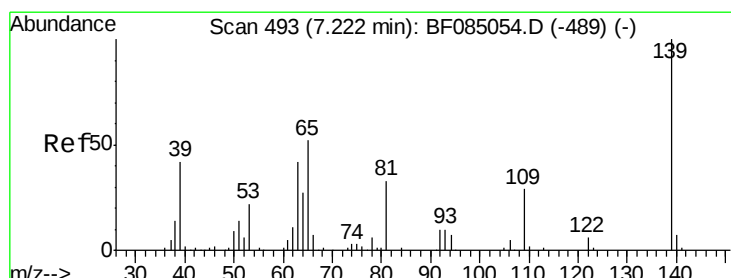
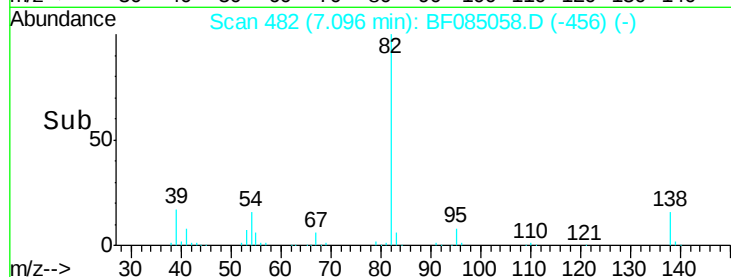
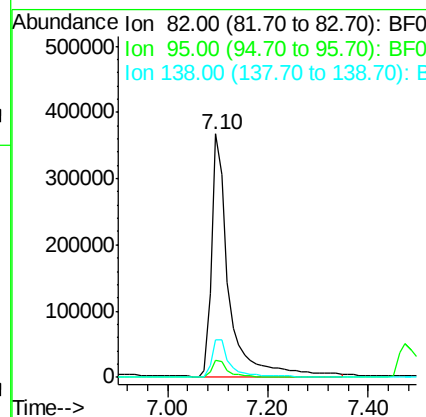
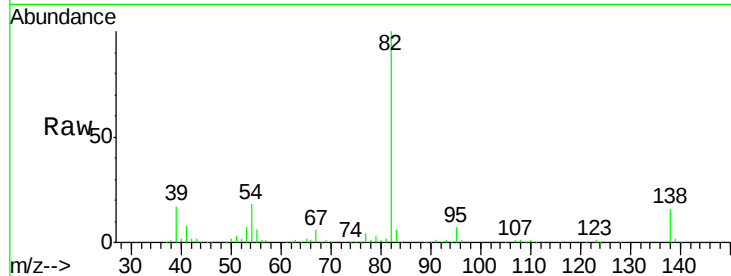
ClientSampleId :

ICVBF021316

Tot Ion:	82	Resp:	868619
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.1	9.1
138	15.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.77 ng

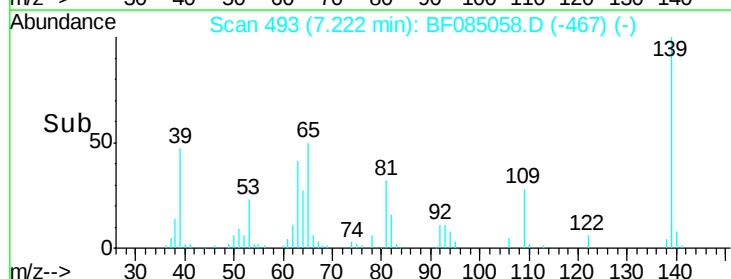
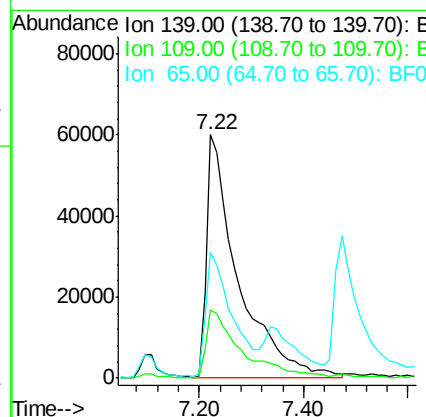
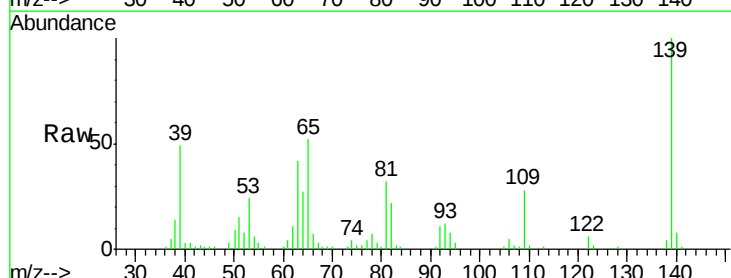
RT: 7.22 min Scan# 493

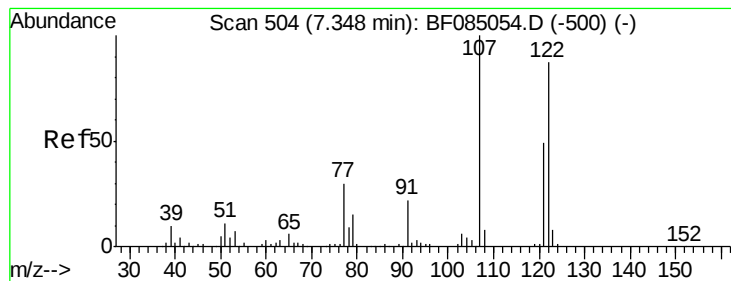
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	139	Resp:	253611
Ion Ratio	Lower	Upper	
139	100		
109	28.2	23.4	35.2
65	51.9	42.3	63.5





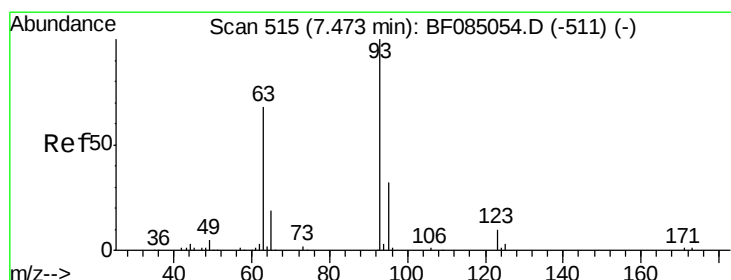
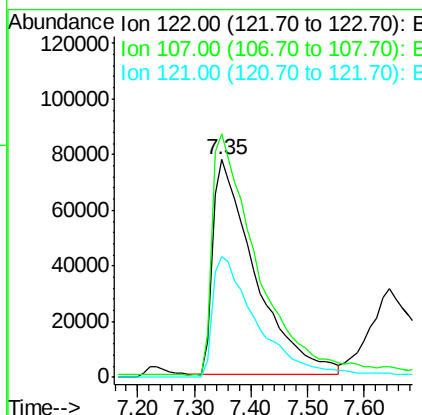
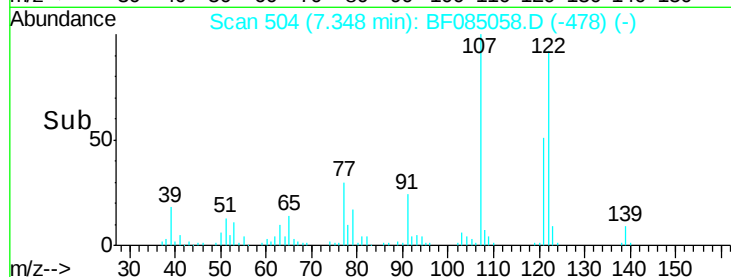
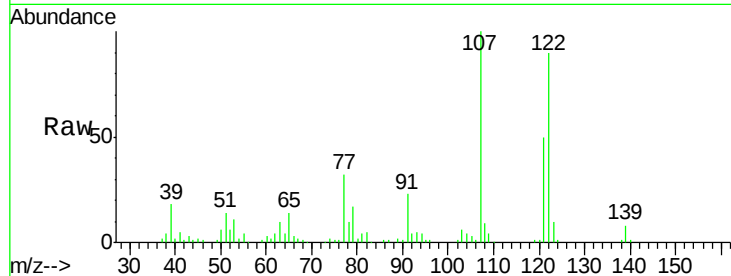
#27
 2,4-Dimethylphenol
 Concen: 40.71 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ratio	Resp	Lower	Upper
122	100	399984		
107	111.7	91.8	137.8	
121	55.5	45.0	67.4	

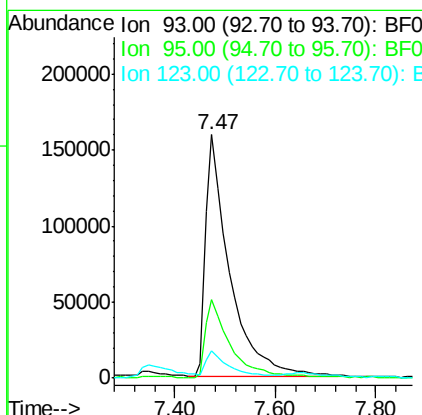
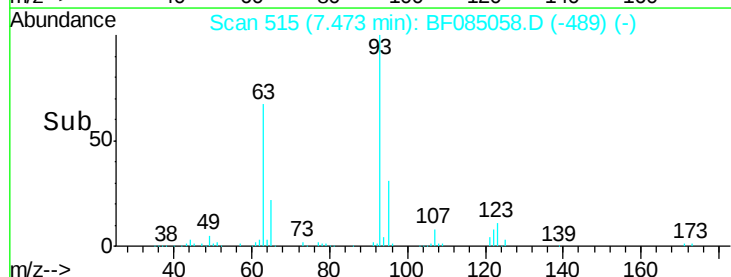
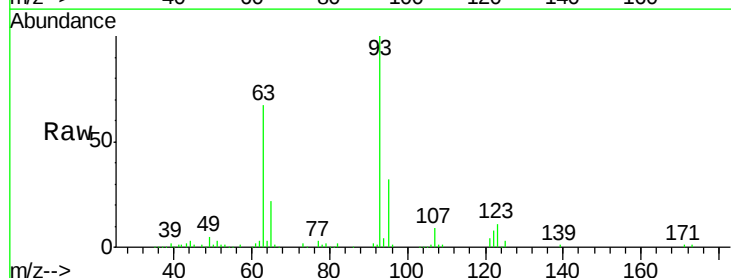
Manual Integrations
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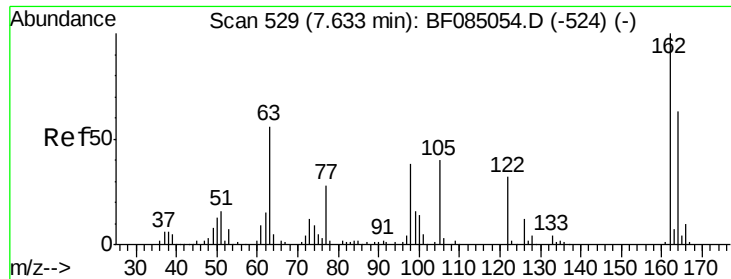
Sohil
 2/15/2016 4:43:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.77 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526385		
95	32.1	25.6	38.4	
123	11.3	8.7	13.1	





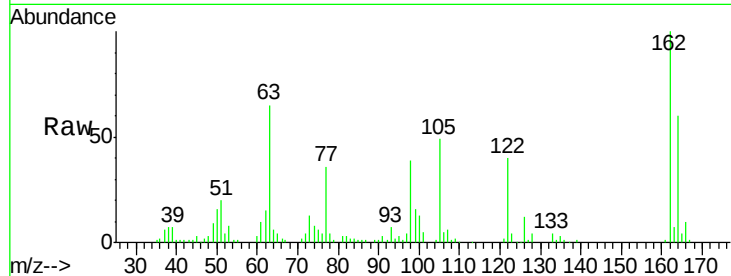
#29
 2,4-Dichlorophenol
 Concen: 41.42 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		369835		
164	59.7	42.8	82.8		
98	38.8	17.6	57.6		

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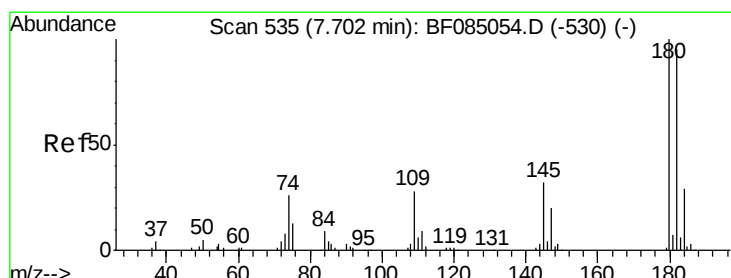
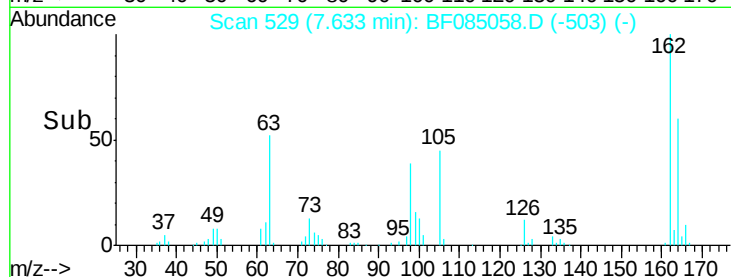
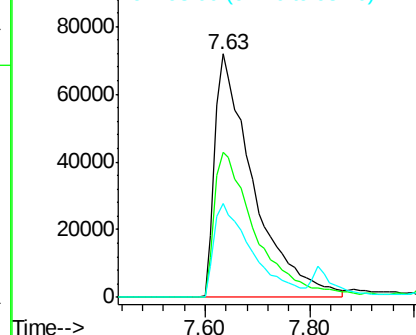


Abundance

Ion 162.00 (161.70 to 162.70): E

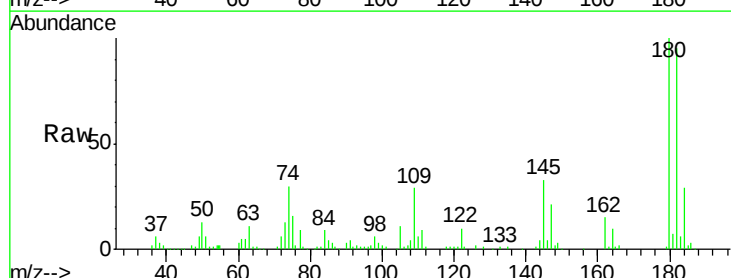
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.55 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		427682		
182	94.5	75.8	113.8		
145	32.7	25.9	38.9		

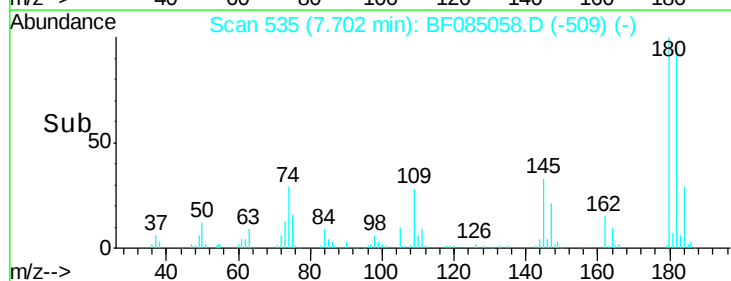
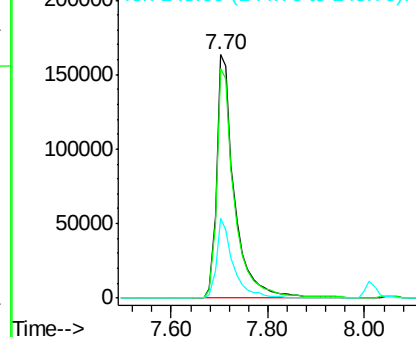


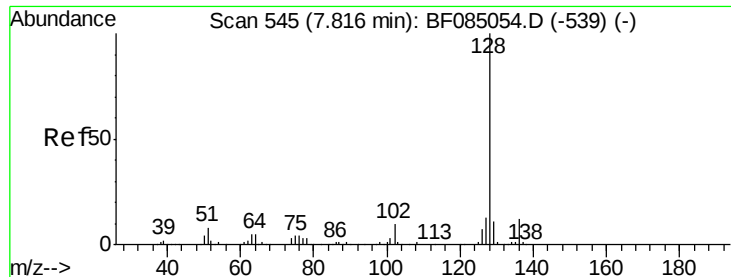
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.72 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Tot Ion:128 Resp: 1351604

Ion Ratio Lower Upper

128 100

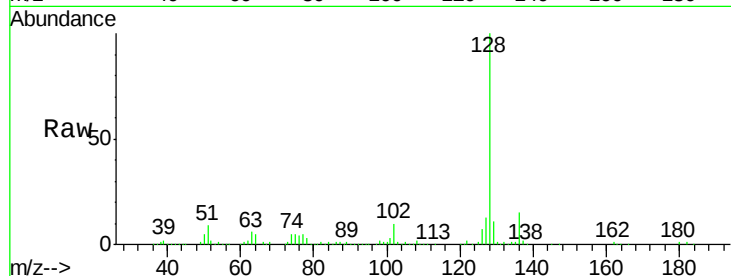
129 11.3 9.2 13.8

127 13.0 10.3 15.5

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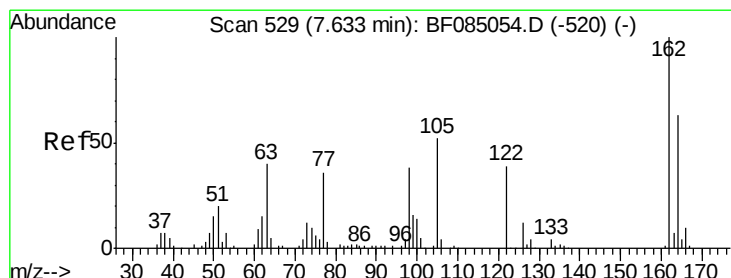
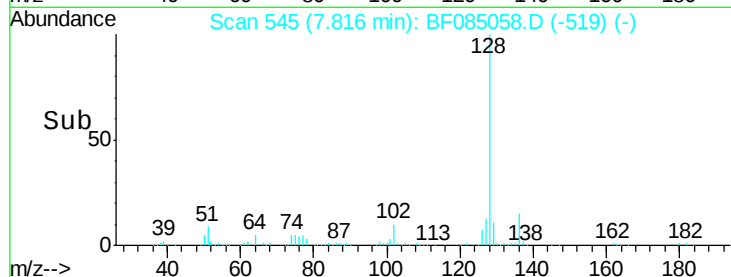
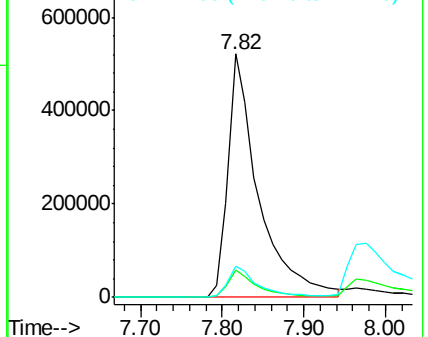
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.93 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

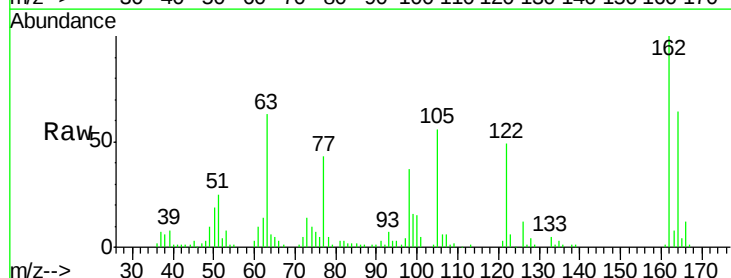
Tgt Ion:122 Resp: 164592

Ion Ratio Lower Upper

122 100

105 113.7 101.3 141.3

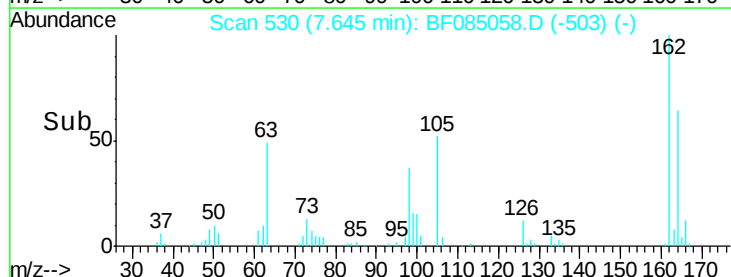
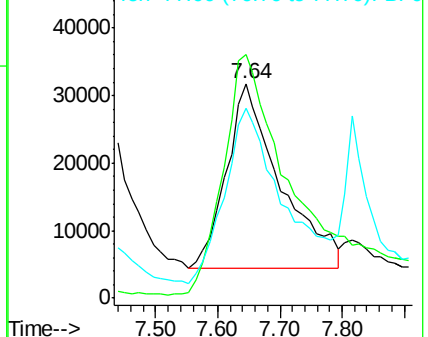
77 88.5 70.0 110.0

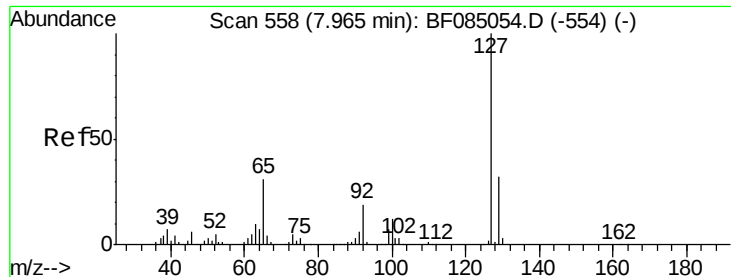


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.81 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

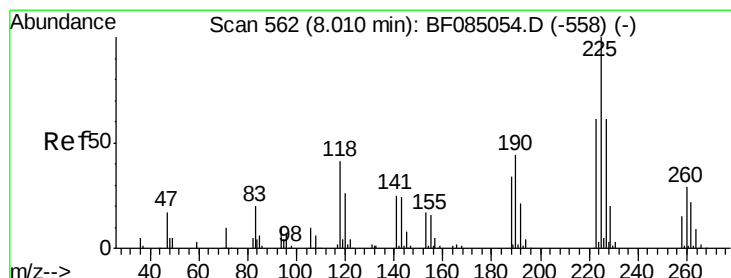
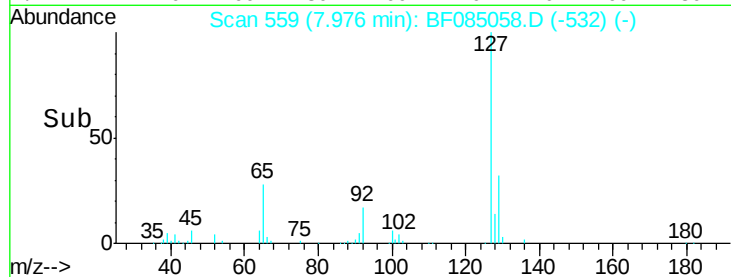
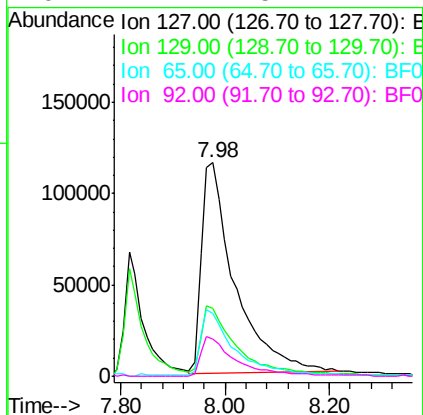
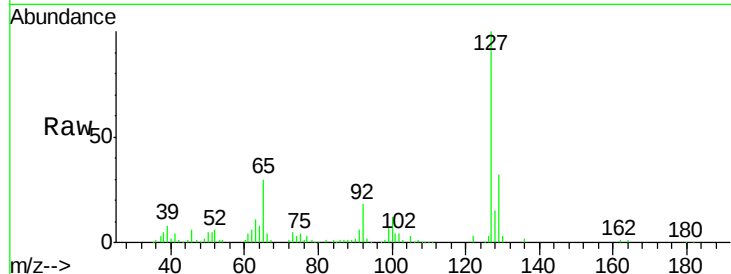
ClientSampleId :

ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.6	39.8		
65	29.7	24.7	37.1		
92	17.7	15.1	22.7		

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#34

Hexachlorobutadiene

Concen: 40.54 ng

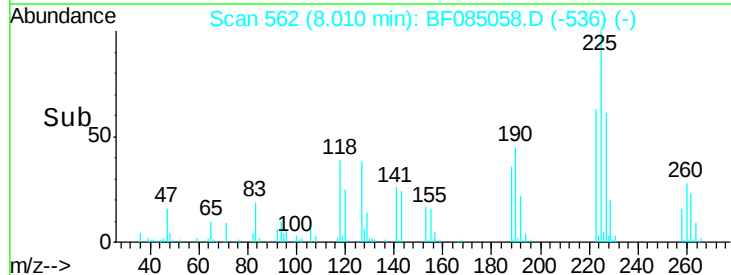
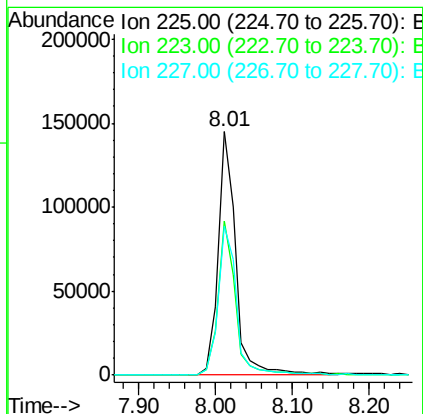
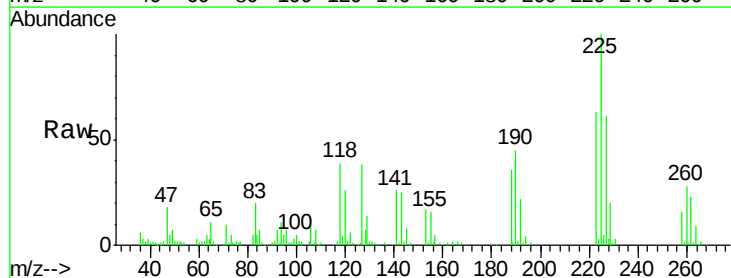
RT: 8.01 min Scan# 562

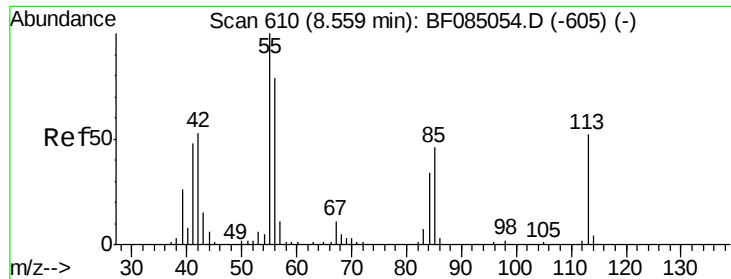
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.6	73.0		
227	61.2	48.9	73.3		





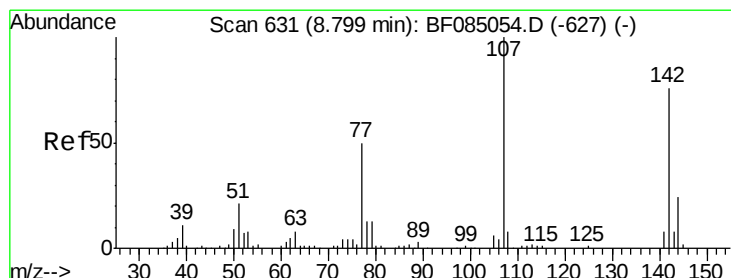
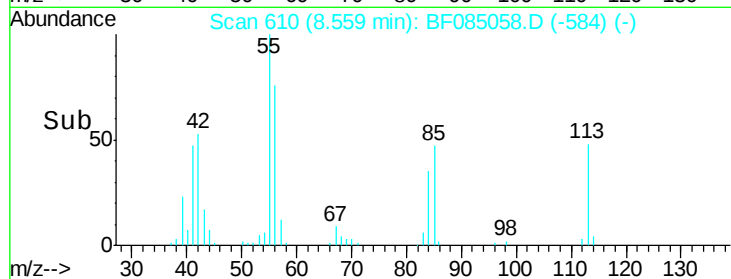
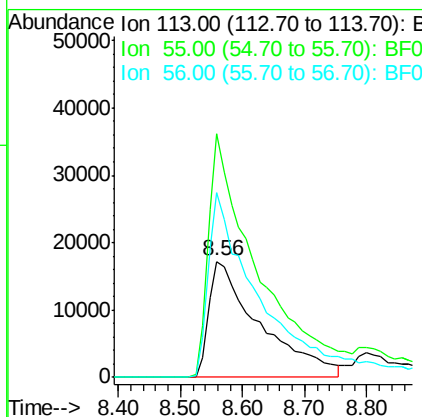
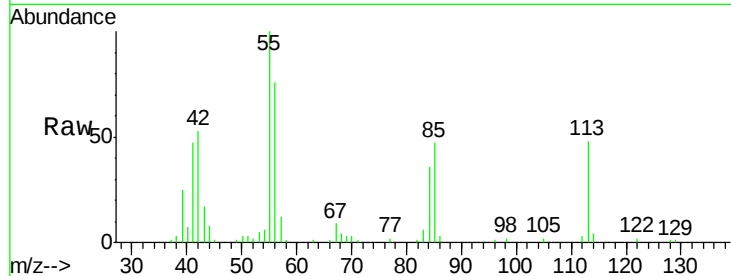
#35
 Caprolactam
 Concen: 40.70 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	210.5		173.1	213.1	
56	159.8		132.9	172.9	

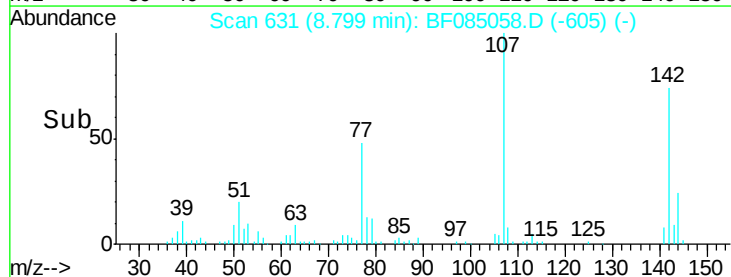
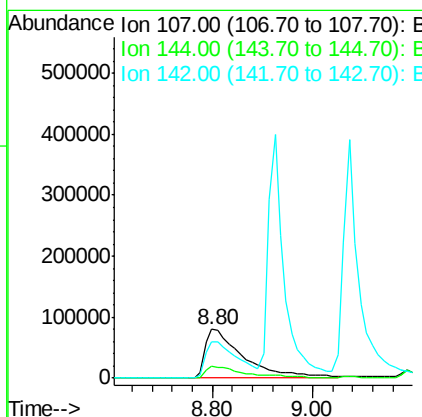
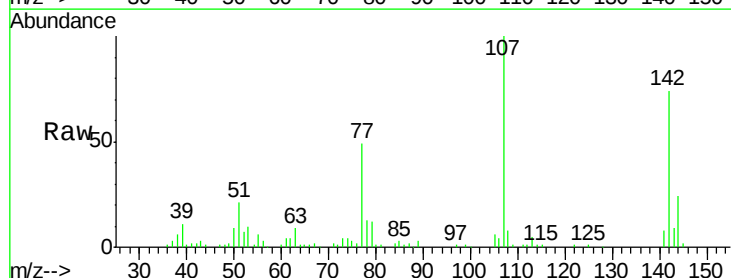
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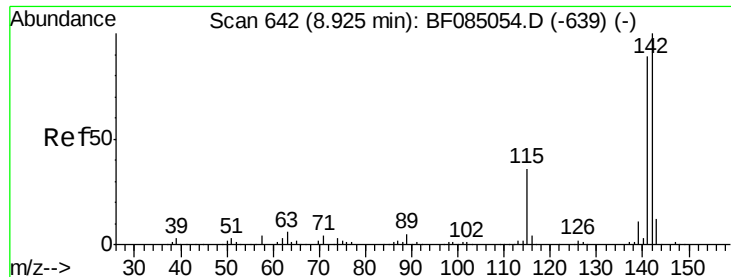
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#36
 4-Chloro-3-methylphenol
 Concen: 41.86 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.7		19.2	28.8	
142	74.1		60.6	91.0	





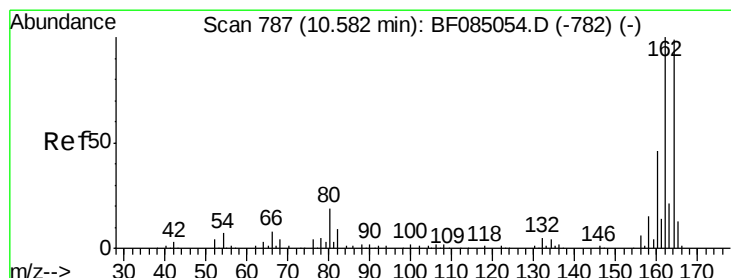
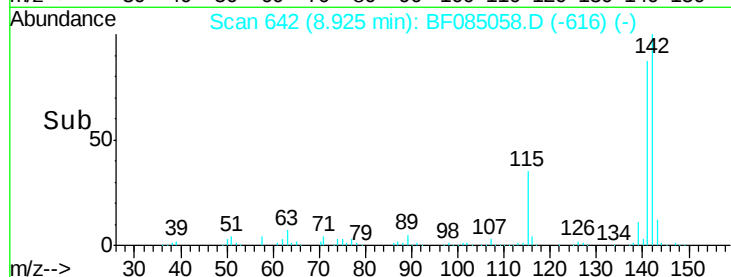
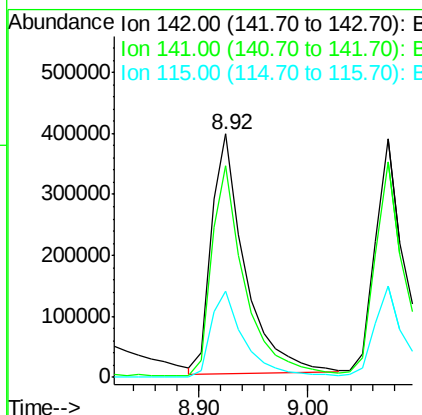
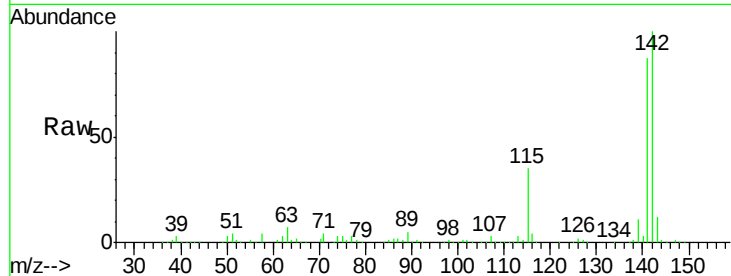
#37
2-Methylnaphthalene
Concen: 40.20 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.6	104.4
115	35.2	27.9	41.9

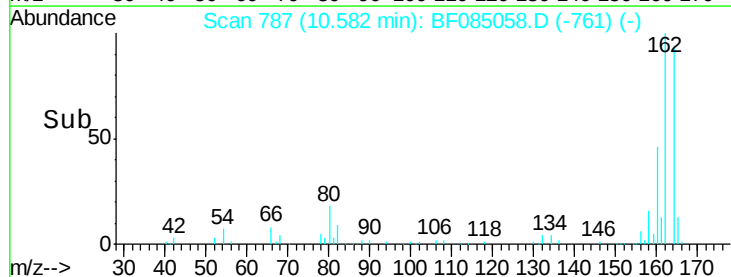
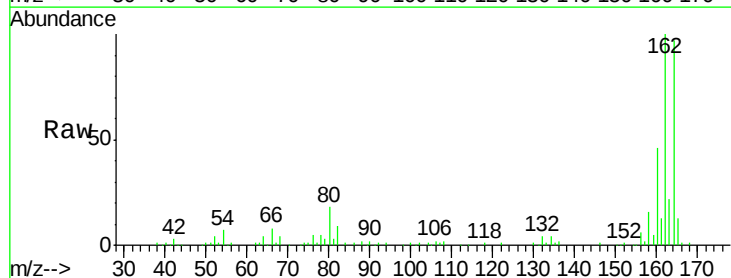
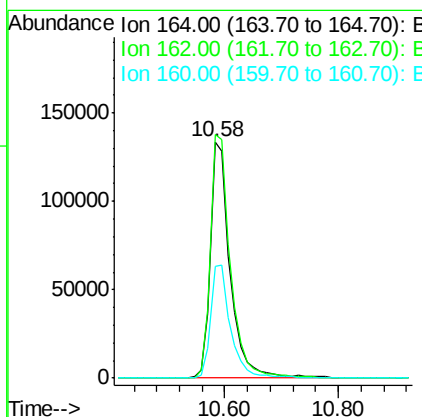
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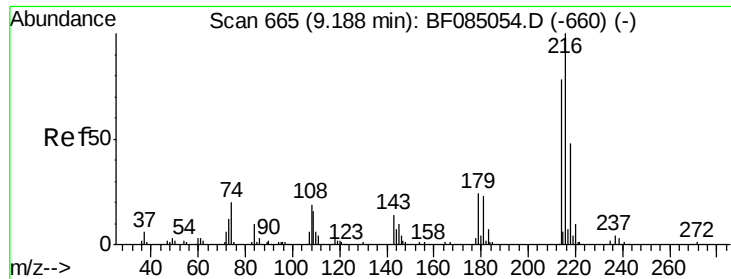
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.1	121.7
160	47.2	37.4	56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.47 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

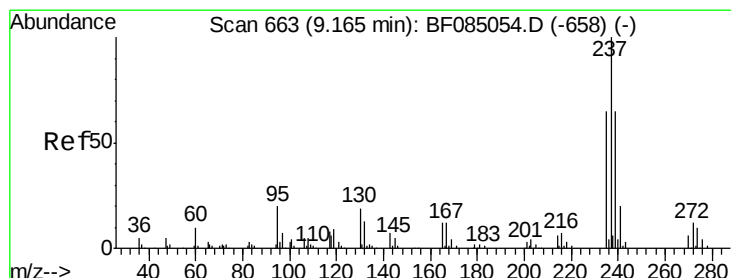
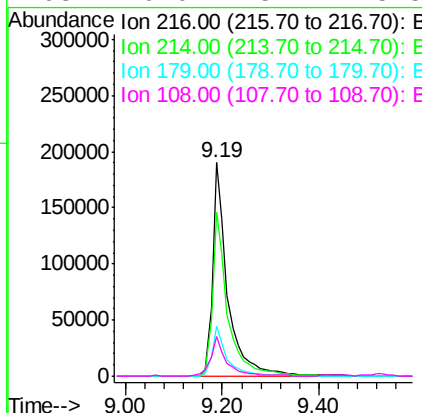
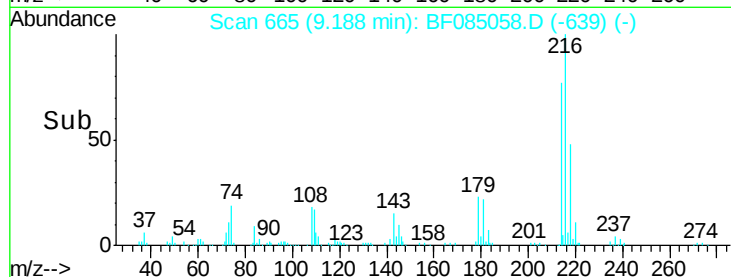
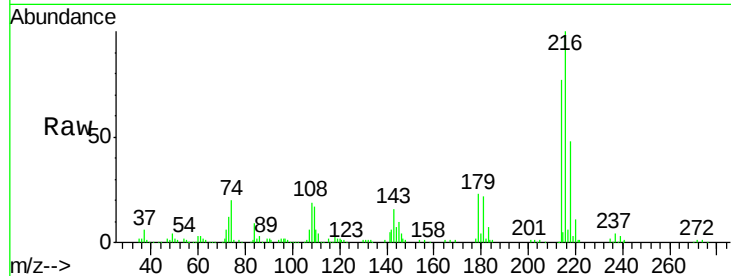
ClientSampleId :

ICVBF021316

Tot Ion:	216	Resp:	423471
Ion Ratio		Lower	Upper
216	100		
214	78.0	62.2	93.2
179	22.8	18.1	27.1
108	20.0	15.7	23.5

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#40

Hexachlorocyclopentadiene

Concen: 40.60 ng

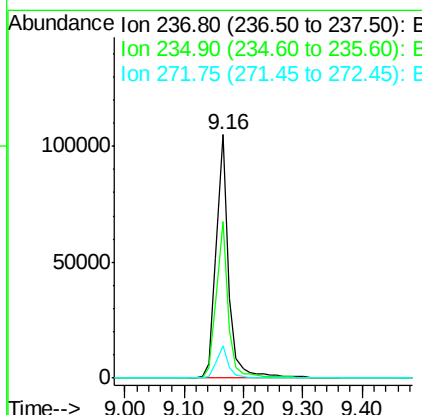
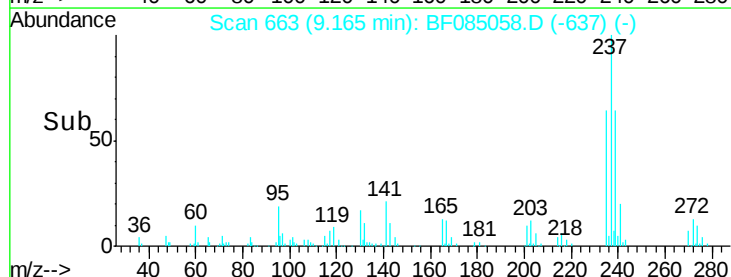
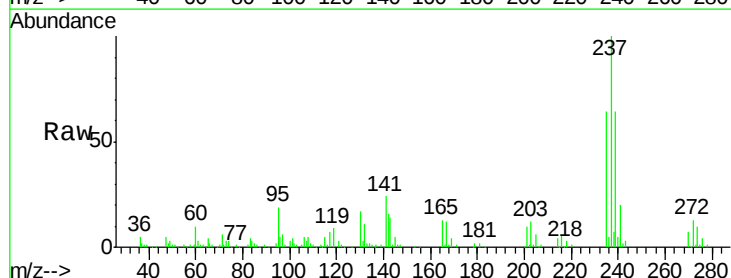
RT: 9.16 min Scan# 663

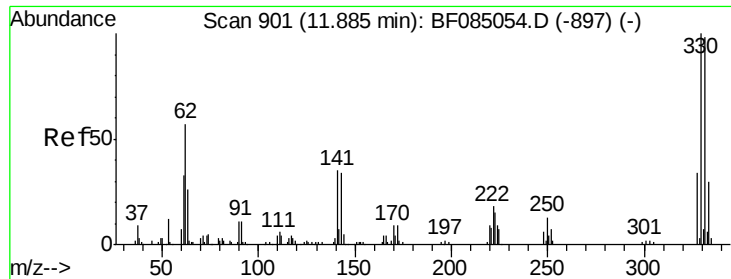
Delta R.T. 0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	237	Resp:	152119
Ion Ratio		Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.3	0.0	31.8





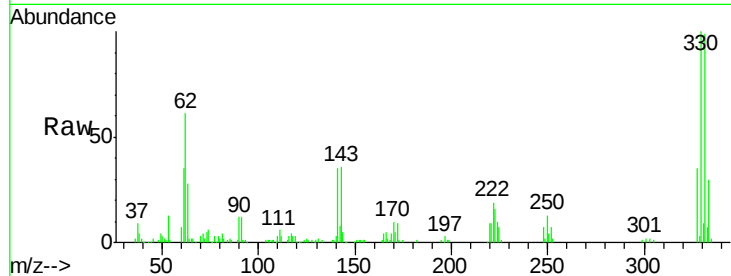
#41
 2,4,6-Tribromophenol
 Concen: 84.17 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

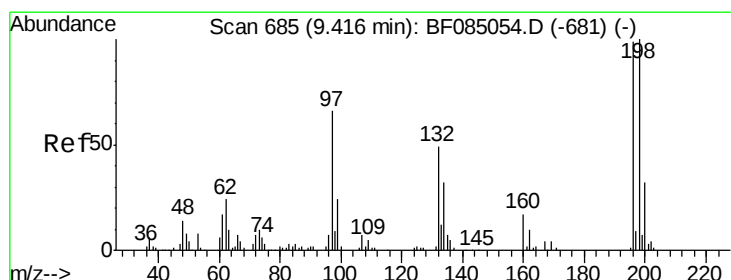
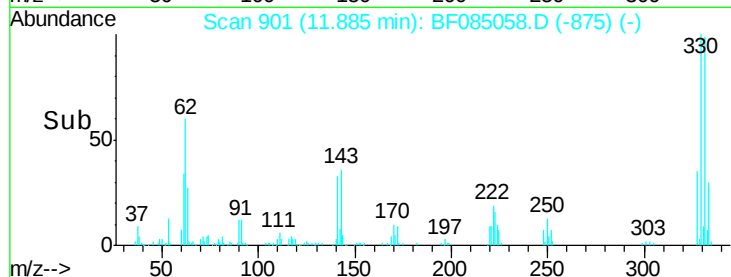
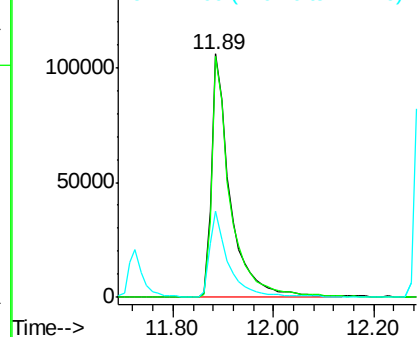
Tot Ion	Ratio	Resp	Lower	Upper
330	100	274736		
332	97.6	78.5	117.7	
141	36.2	28.6	42.8	

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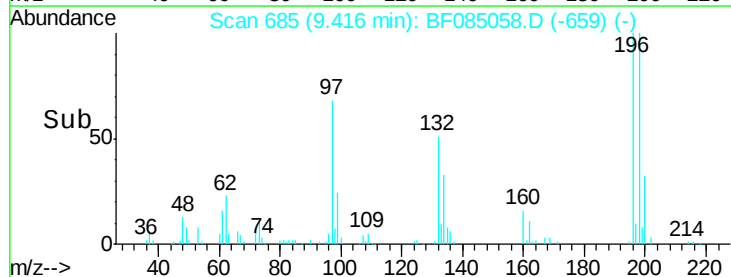
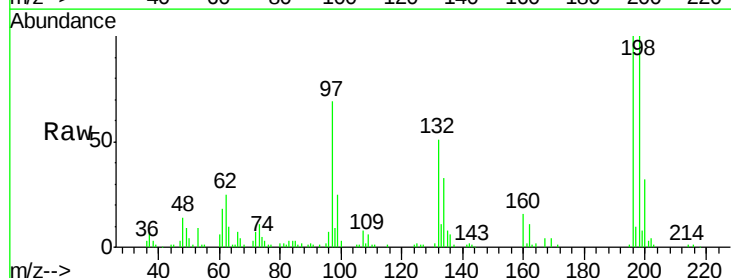
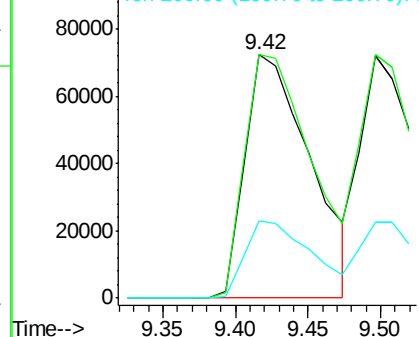
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

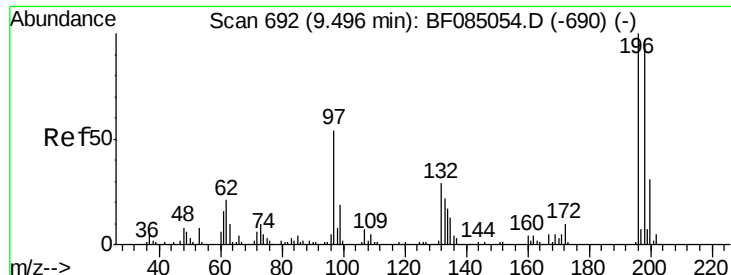


#42
 2,4,6-Trichlorophenol
 Concen: 40.09 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225733		
198	100.0	81.0	121.6	
200	31.9	26.3	39.5	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





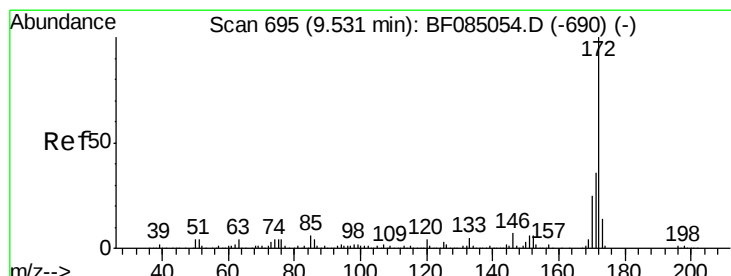
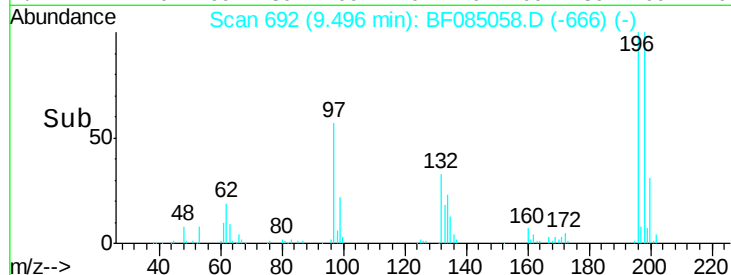
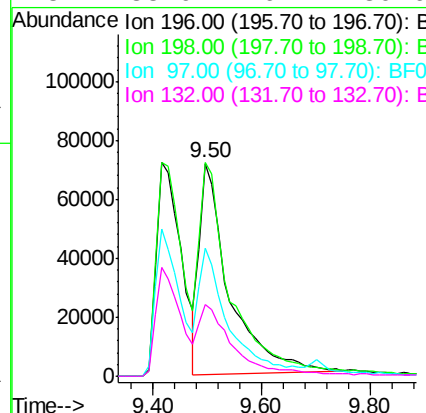
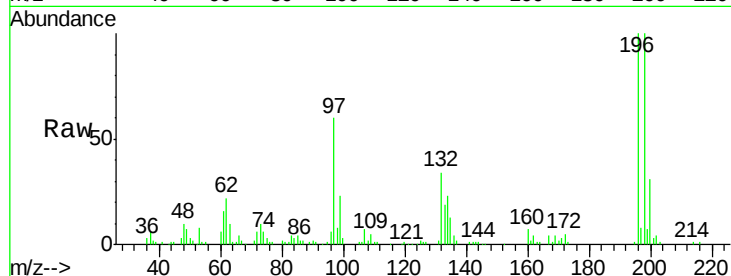
#43
 2,4,5-Trichlorophenol
 Concen: 41.34 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion:	196	Resp:	270856
Ion Ratio	Lower	Upper	
196	100		
198	100.3	79.7	119.5
97	60.3	47.0	70.4
132	33.9	26.4	39.6

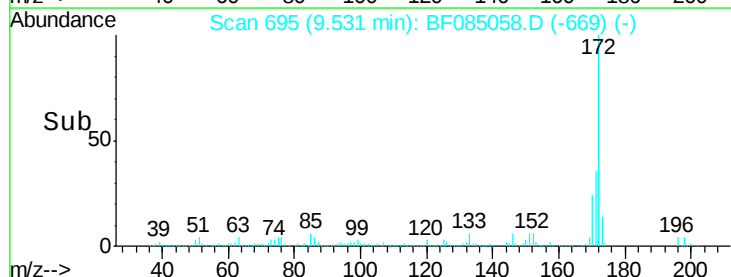
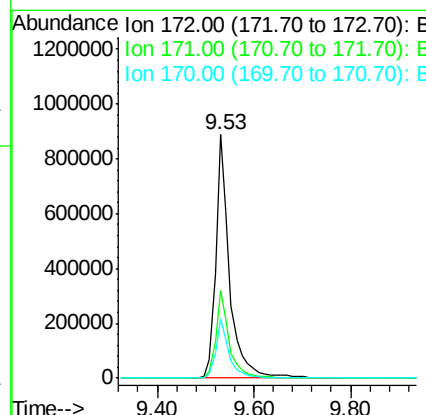
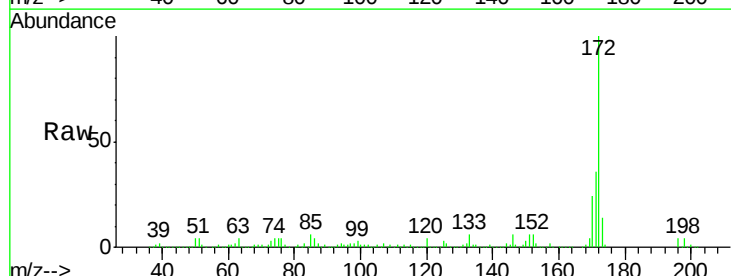
Manual Integrations
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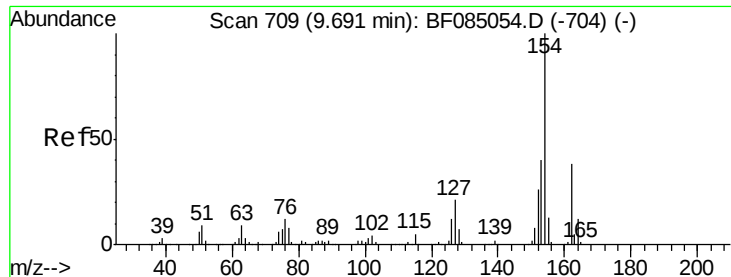
Sohil
 2/15/2016 4:43:16 PM



#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion:	172	Resp:	1803312
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.1	43.7
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.96 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Tot Ion:154 Resp: 1177453

Ion Ratio Lower Upper

154 100

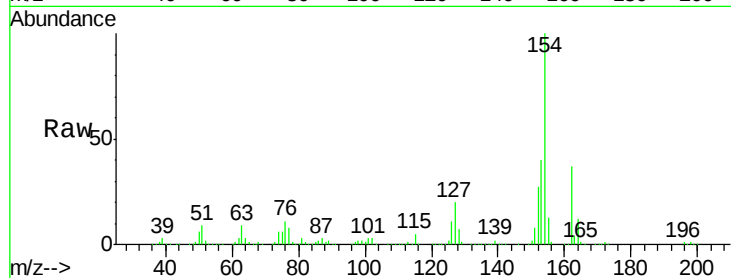
153 40.4 19.9 59.9

76 11.1 0.0 31.6

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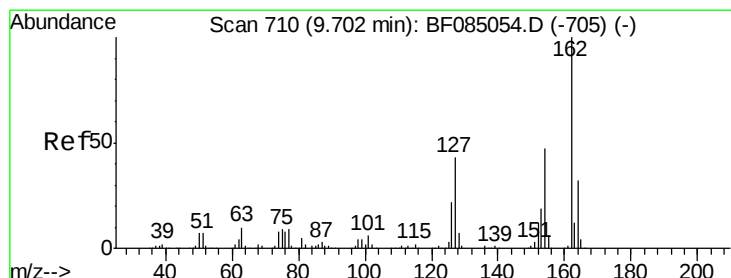
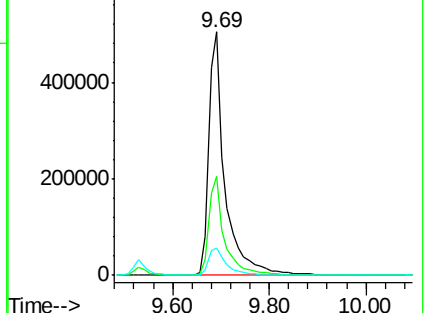
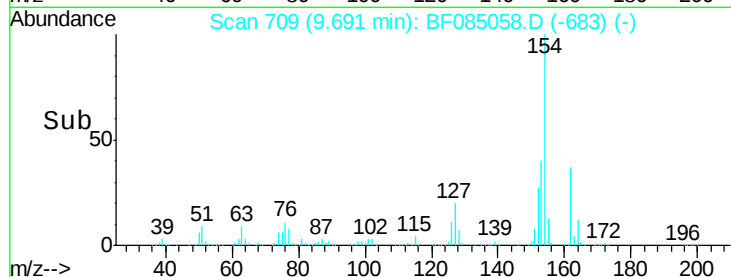
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.10 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

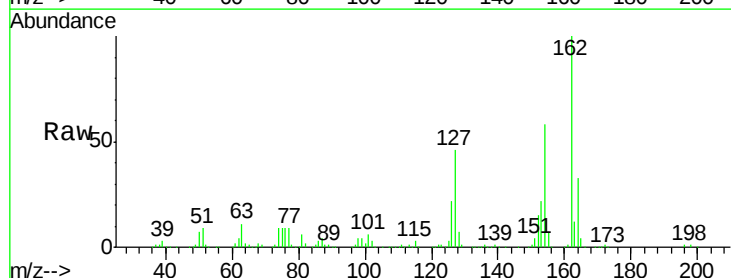
Tgt Ion:162 Resp: 837192

Ion Ratio Lower Upper

162 100

127 45.8 34.8 52.2

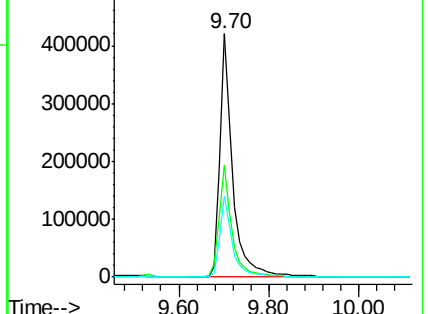
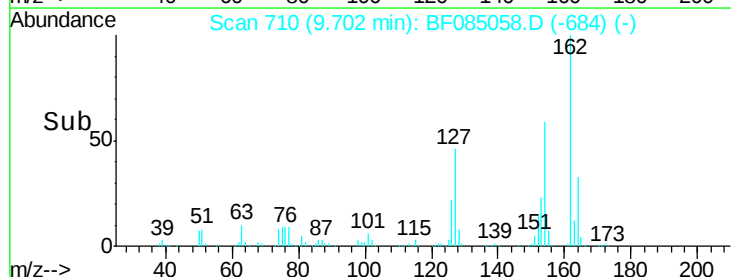
164 33.3 25.8 38.6

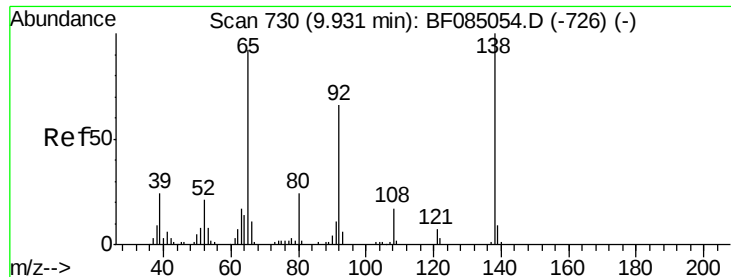


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.73 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

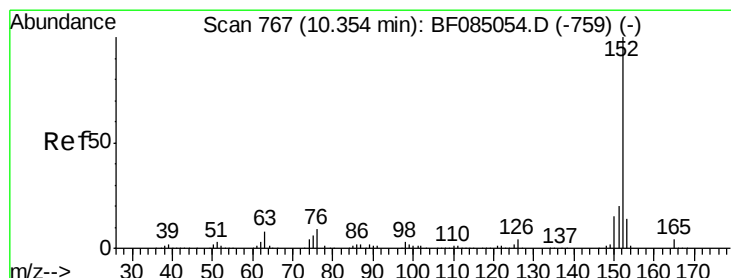
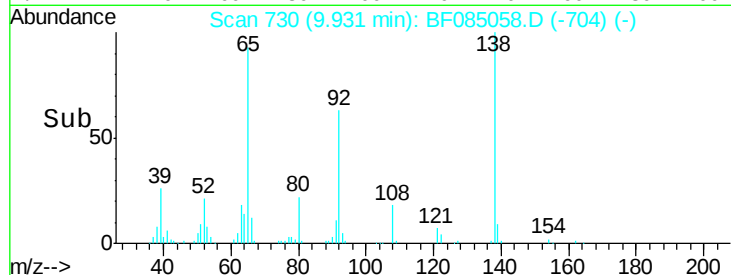
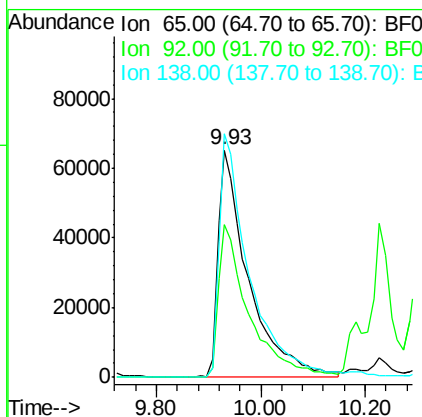
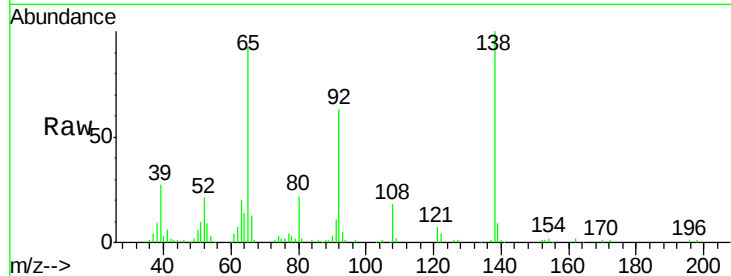
ClientSampleId :

ICVBF021316

Tot Ion:	65	Resp:	262381
Ion Ratio	Lower	Upper	
65	100		
92	67.1	57.1	85.7
138	107.0	86.8	130.2

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#48

Acenaphthylene

Concen: 40.77 ng

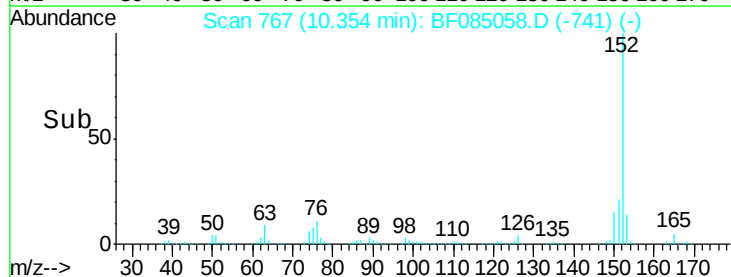
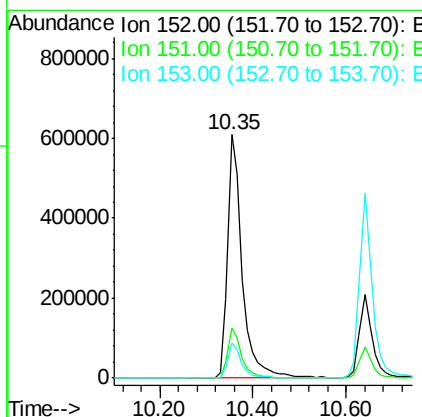
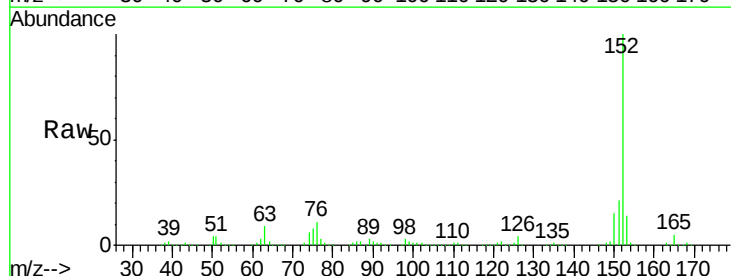
RT: 10.35 min Scan# 767

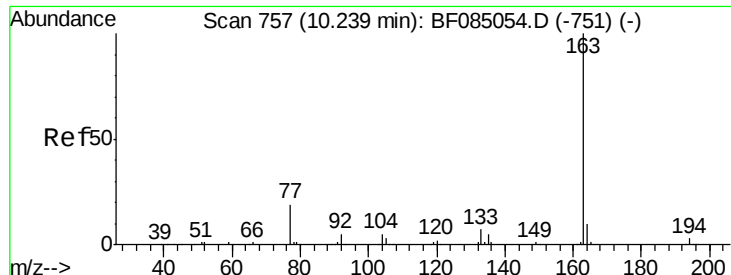
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	152	Resp:	1318333
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.0	24.0
153	14.5	11.1	16.7





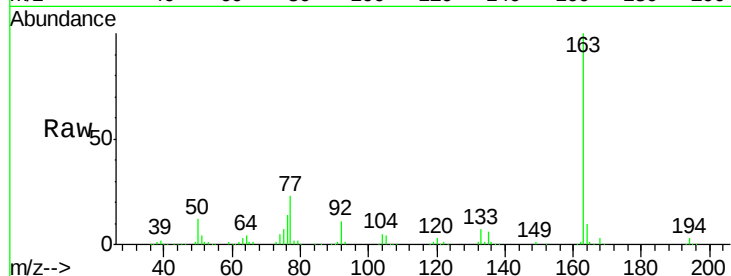
#49
Dimethylphthalate
Concen: 41.50 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

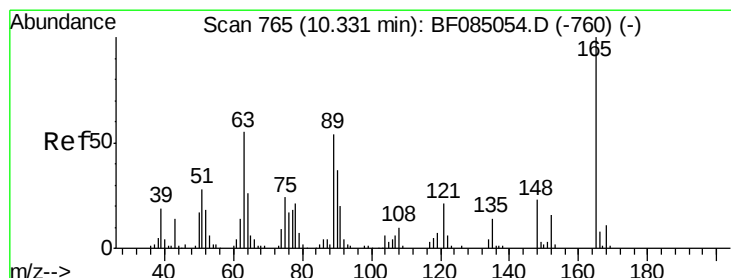
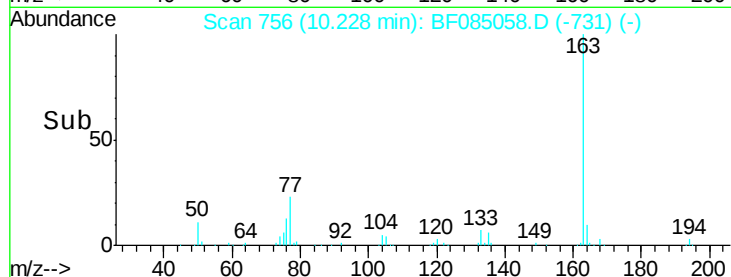
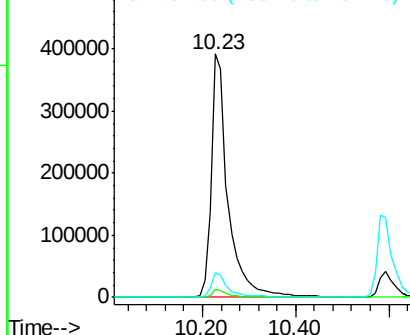
Tot Ion	Ratio	Resp	Lower	Upper
163	100	983331		
194	3.1		2.5	3.7
164	10.4		7.8	11.8

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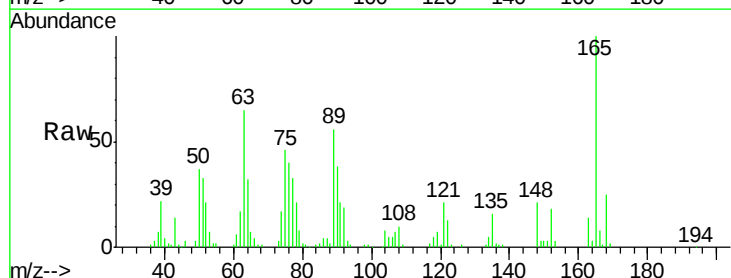


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

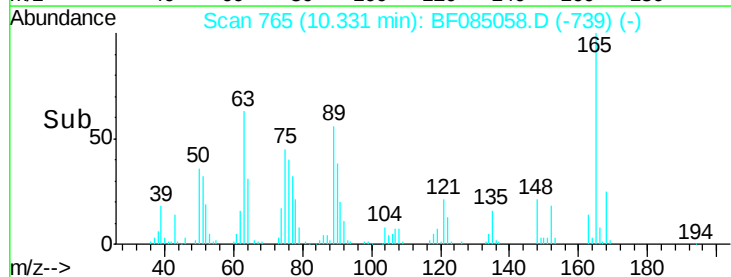
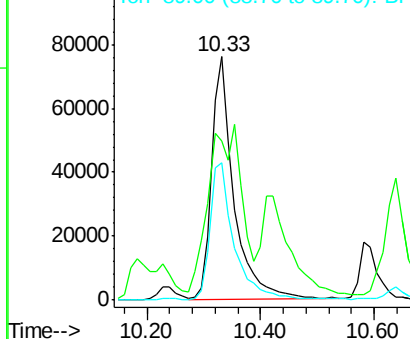


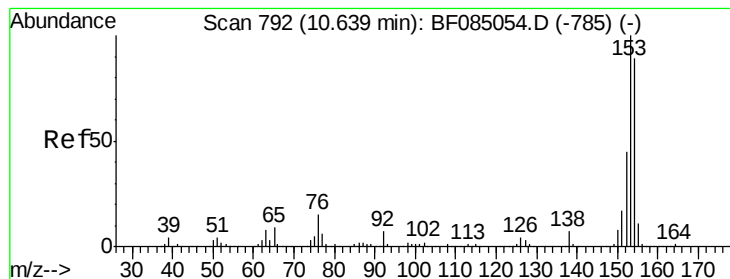
#50
2,6-Dinitrotoluene
Concen: 41.73 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202856		
63	65.1		47.5	71.3
89	56.3		42.9	64.3



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: 40.60 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

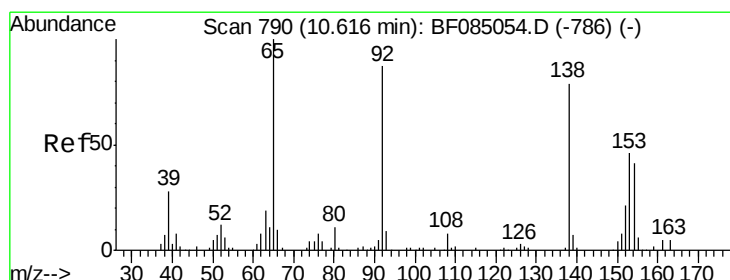
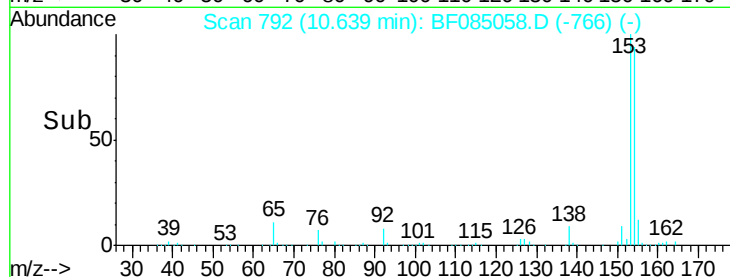
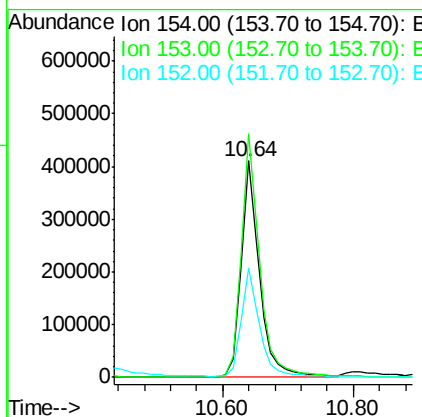
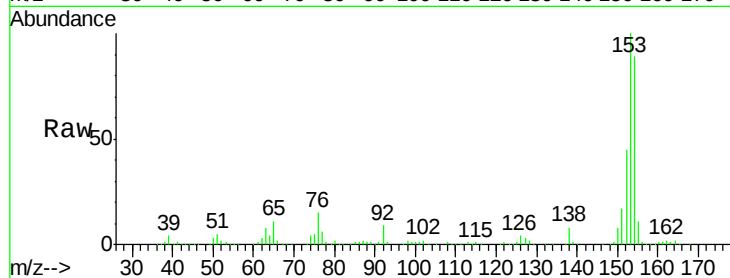
ClientSampleId :

ICVBF021316

Tot Ion:	154	Resp:	793952
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.5	134.3
152	50.6	40.7	61.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 41.92 ng

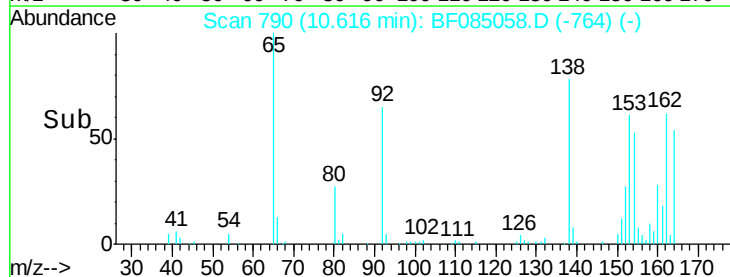
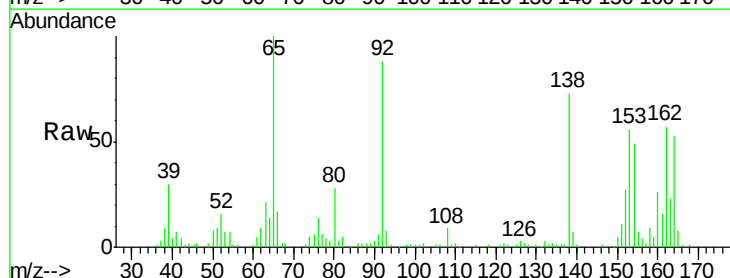
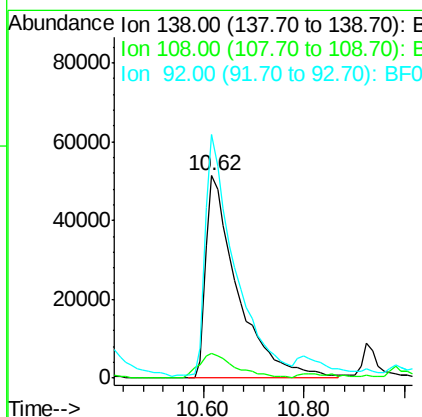
RT: 10.62 min Scan# 790

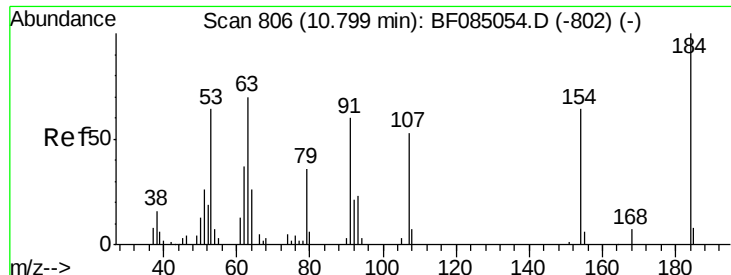
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	138	Resp:	226399
Ion Ratio	Lower	Upper	
138	100		
108	12.2	9.1	13.7
92	120.5	88.9	133.3





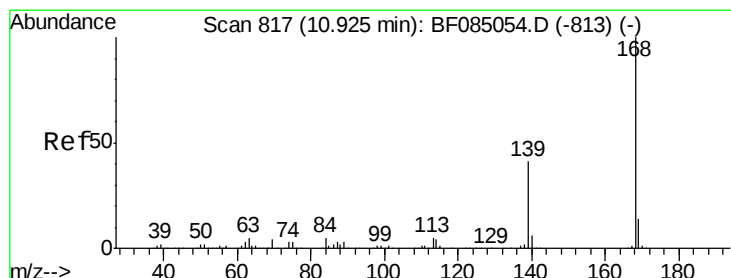
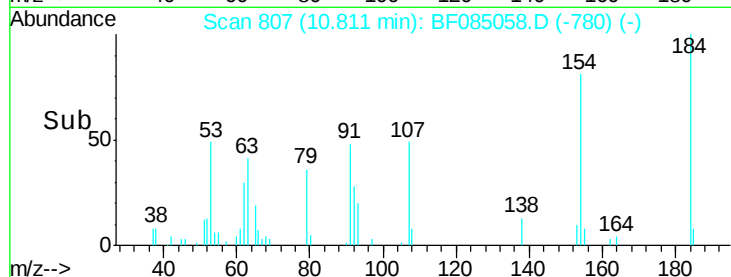
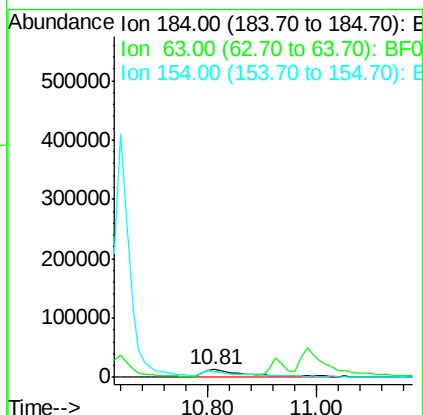
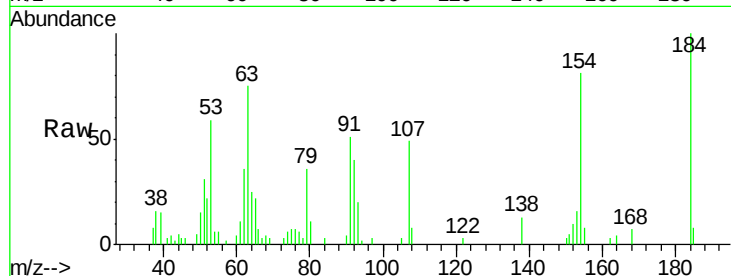
#53
 2,4-Dinitrophenol
 Concen: 41.90 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.8	60.6	90.8
154	81.5	70.2	105.2

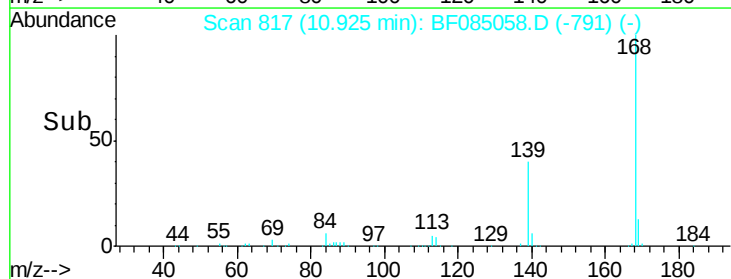
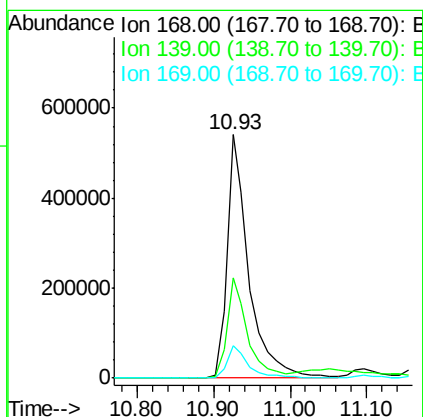
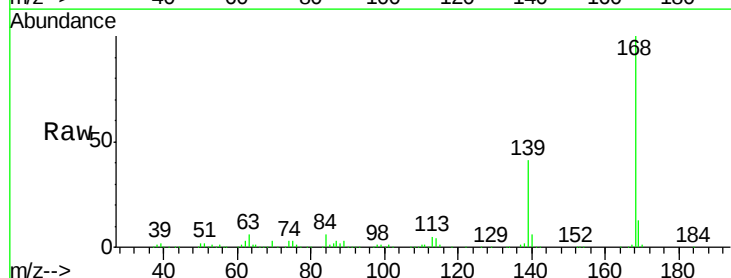
Manual Integrations
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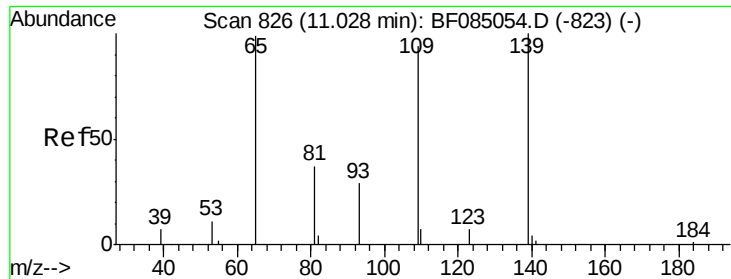
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#54
 Dibenzofuran
 Concen: 41.22 ng
 RT: 10.93 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.0	49.4
169	13.2	10.9	16.3





#55

4-Nitrophenol

Concen: 40.35 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Tot Ion:139 Resp: 139822

Ion Ratio Lower Upper

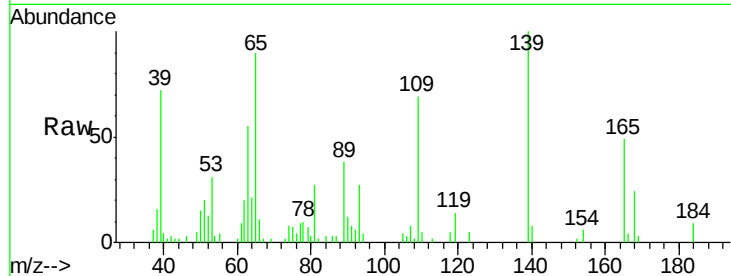
139 100

109 68.7 48.7 88.7

65 90.2 78.8 118.8

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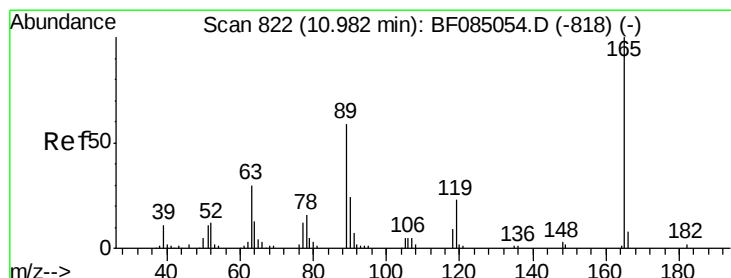
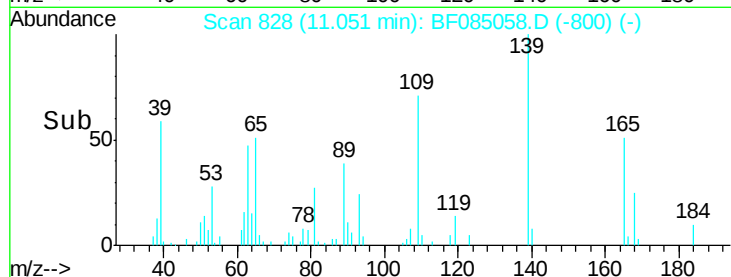
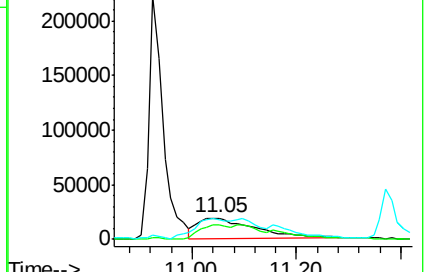
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.08 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:165 Resp: 285295

Ion Ratio Lower Upper

165 100

63 48.0 36.6 55.0

89 72.4 54.4 81.6

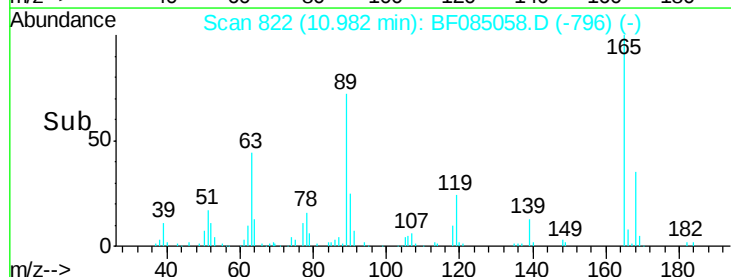
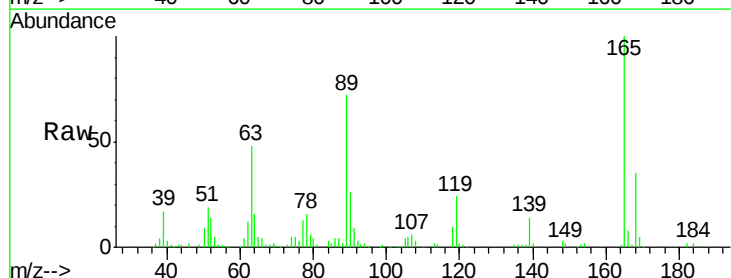
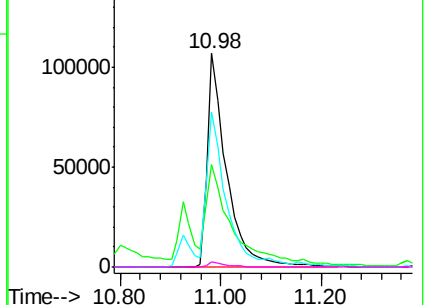
182 2.2 1.6 2.4

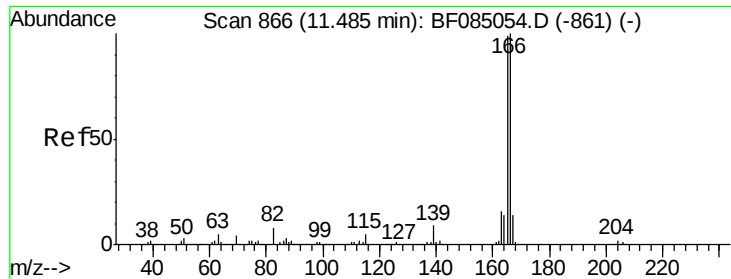
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





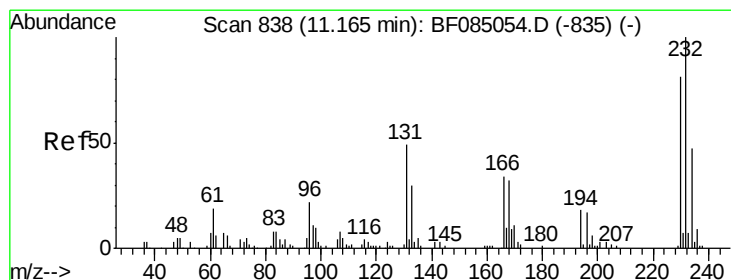
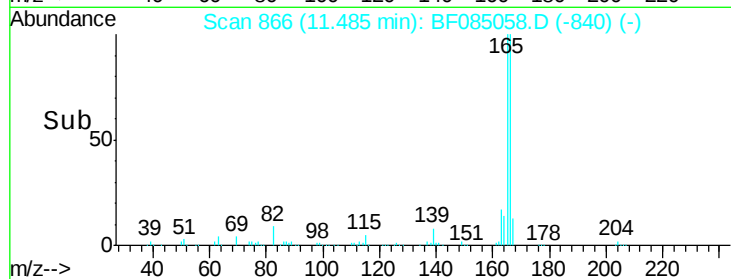
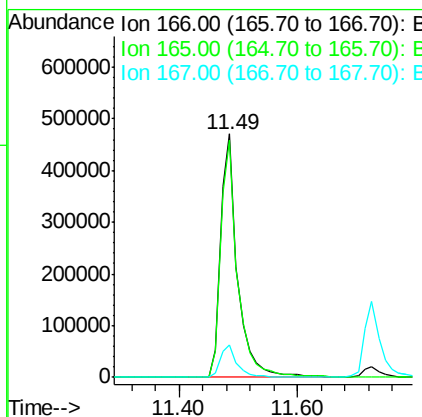
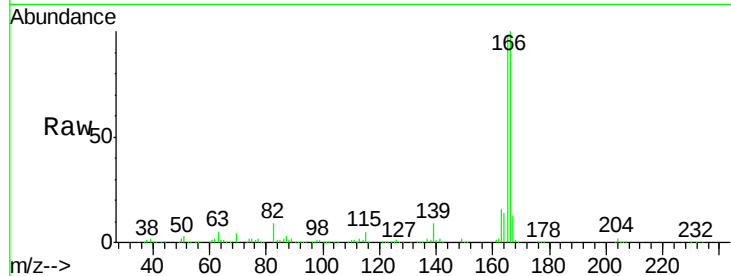
#57
Fluorene
 Concen: 41.13 ng
 RT: 11.49 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion:	166	Resp:	922655
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.9	118.3
167	13.1	10.9	16.3

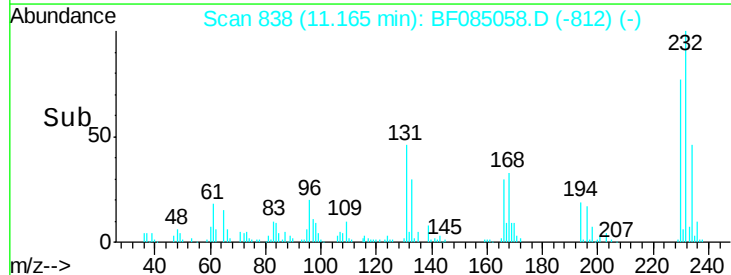
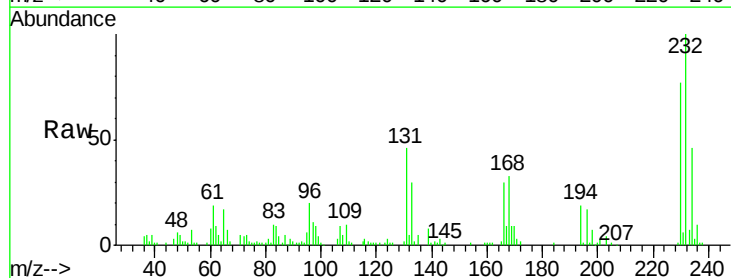
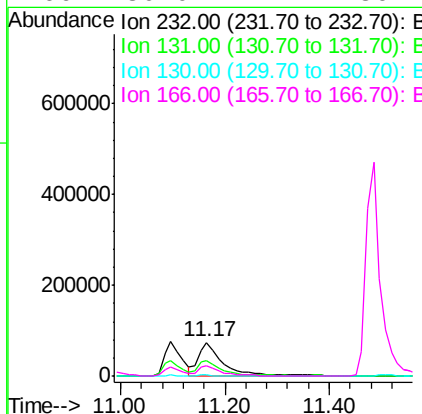
Manual Integrations
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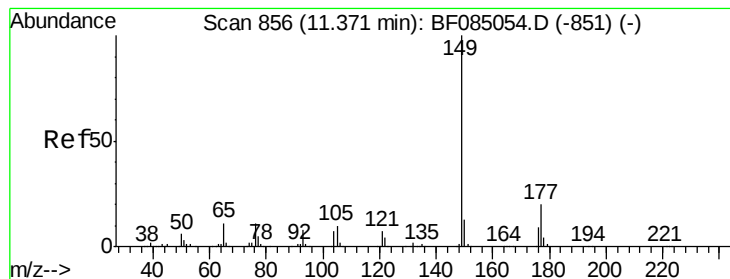
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.47 ng
 RT: 11.17 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion:	232	Resp:	230421
Ion Ratio	Lower	Upper	
232	100		
131	46.8	39.7	59.5
130	2.2	1.8	2.8
166	30.0	24.2	36.2





#59

Diethylphthalate

Concen: 41.05 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

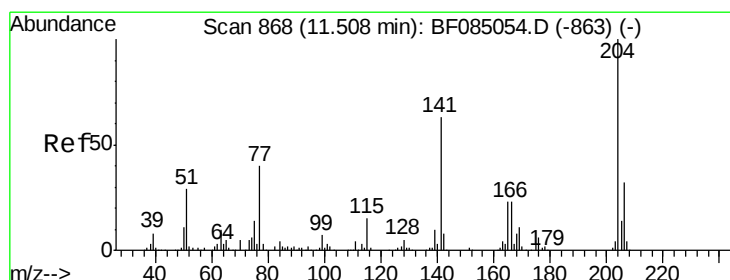
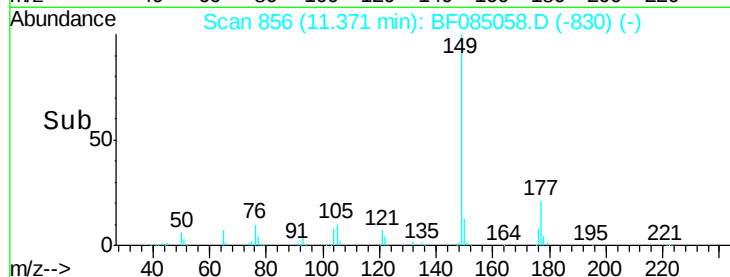
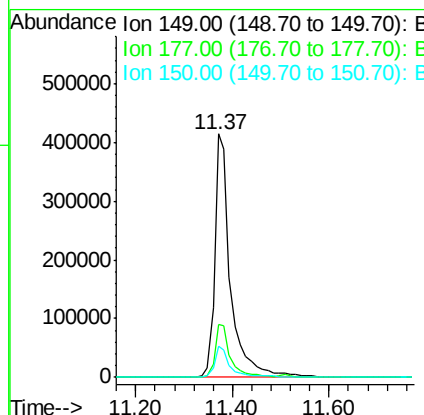
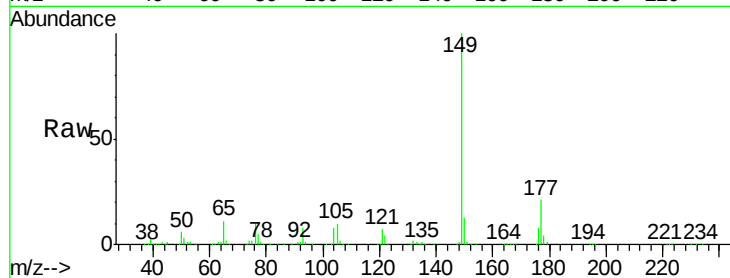
ClientSampleId :

ICVBF021316

Tot Ion:	149	Resp:	963840
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.4	24.6
150	12.9	10.2	15.4

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#60

4-Chlorophenyl-phenylether

Concen: 40.73 ng

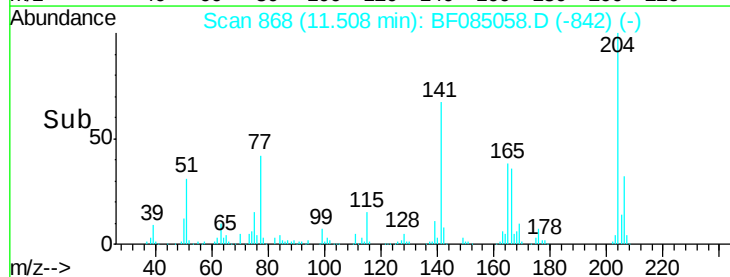
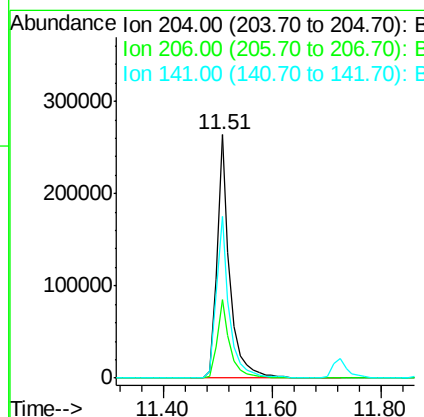
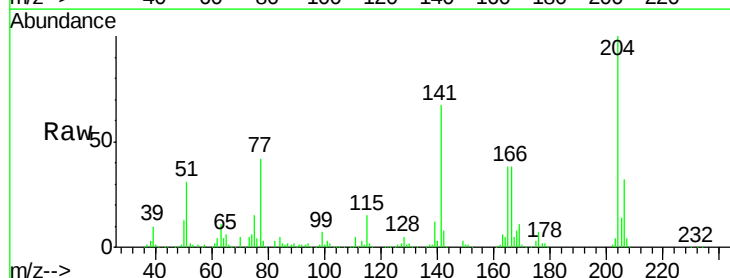
RT: 11.51 min Scan# 868

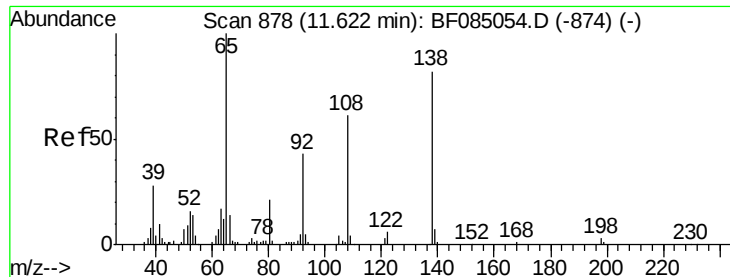
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	204	Resp:	437805
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.8	38.6
141	66.6	50.5	75.7





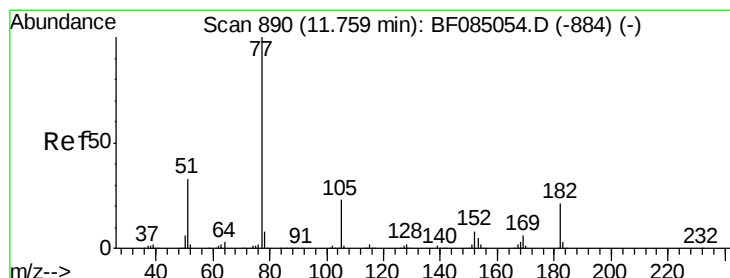
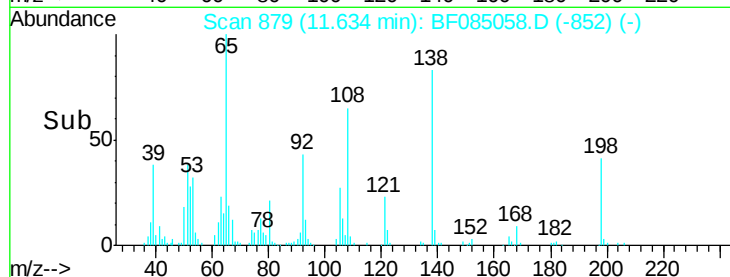
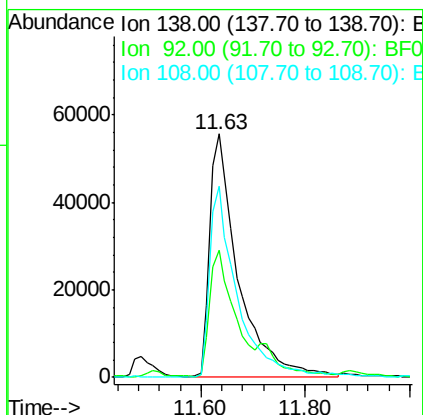
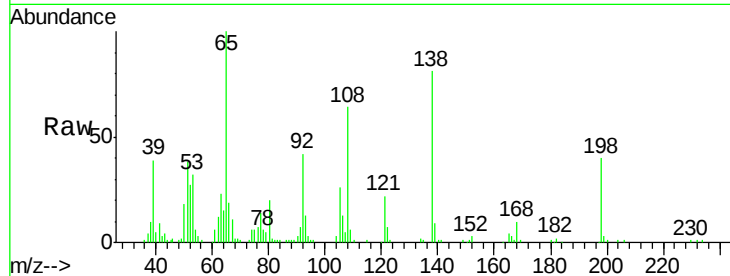
#61
4-Nitroaniline
Concen: 42.85 ng
RT: 11.63 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.1	32.6	72.6
108	78.2	54.6	94.6

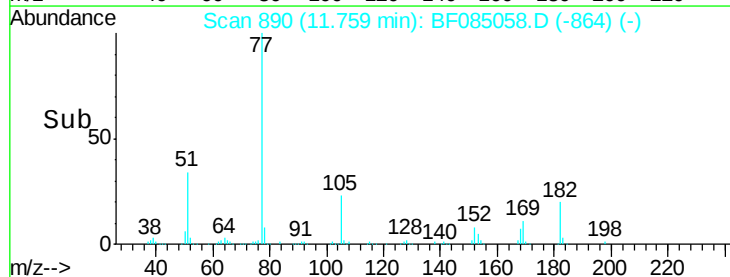
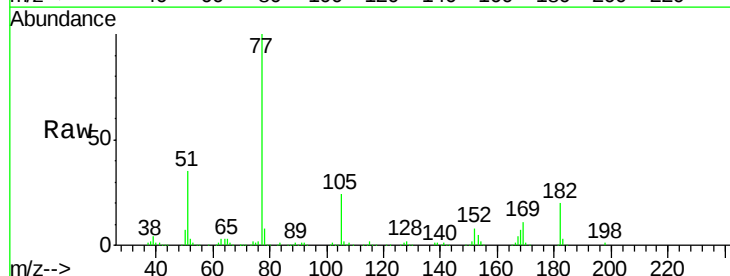
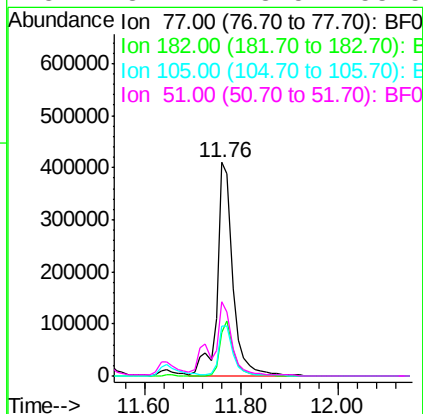
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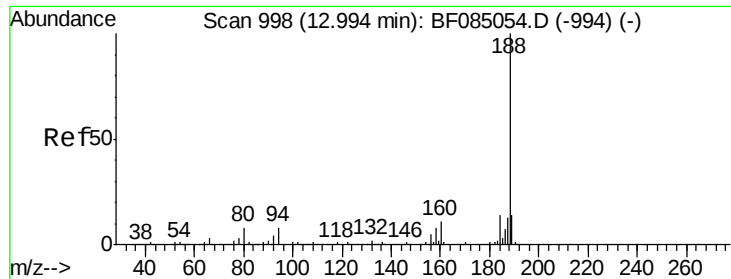
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#62
Azobenzene
Concen: 41.15 ng
RT: 11.76 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.3	41.3
105	23.5	4.2	44.2
51	34.7	13.5	53.5





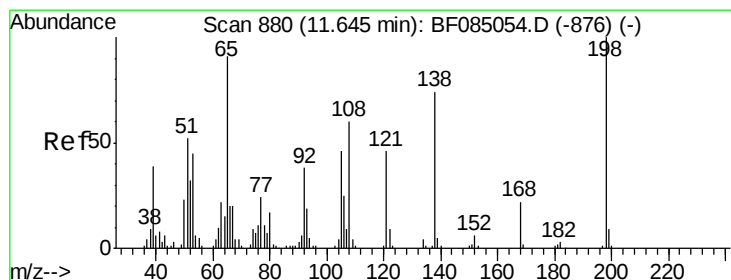
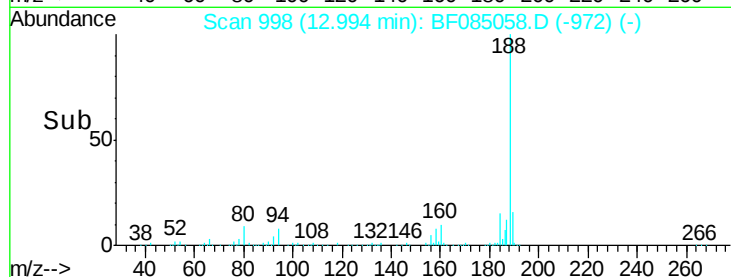
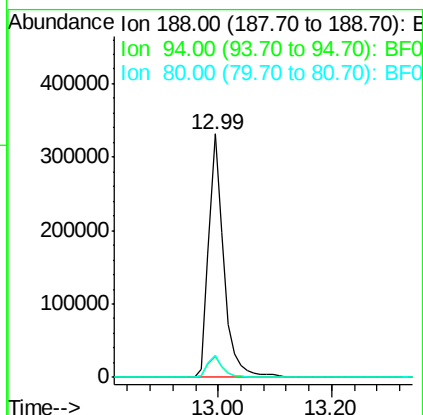
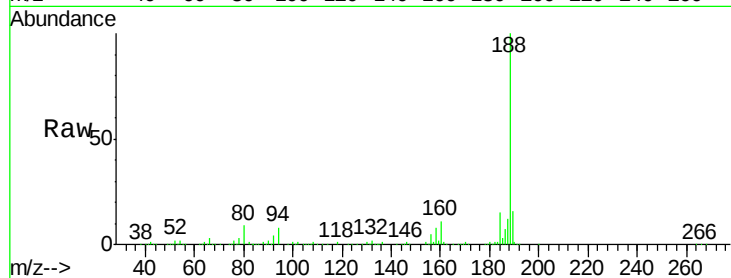
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	6.2	9.2
80	9.0	6.6	9.8

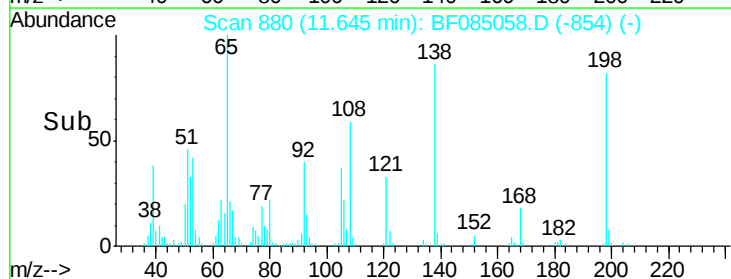
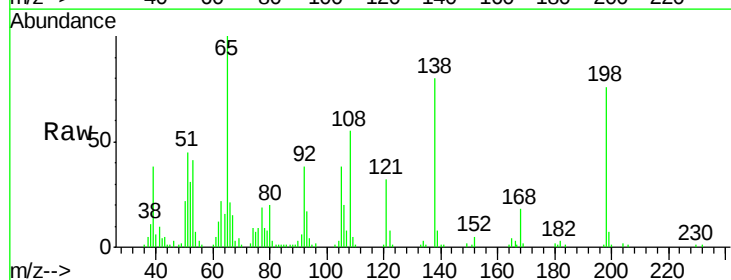
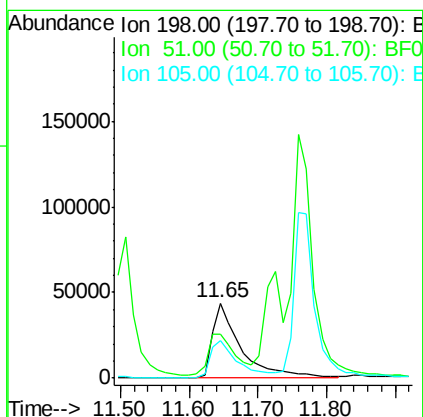
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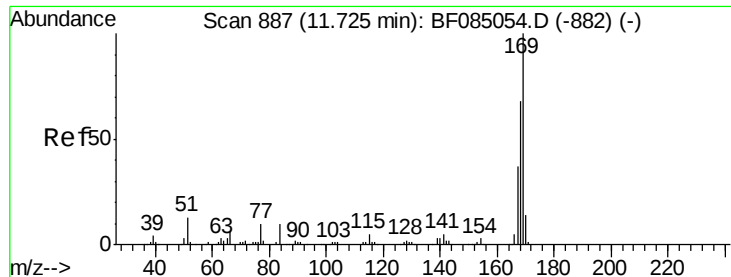
Sohil
2/15/2016 4:43:16 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.67 ng
RT: 11.65 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.2	34.5	74.5
105	49.6	26.2	66.2





#65

n-Nitrosodiphenylamine

Concen: 40.30 ng

RT: 11.73 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

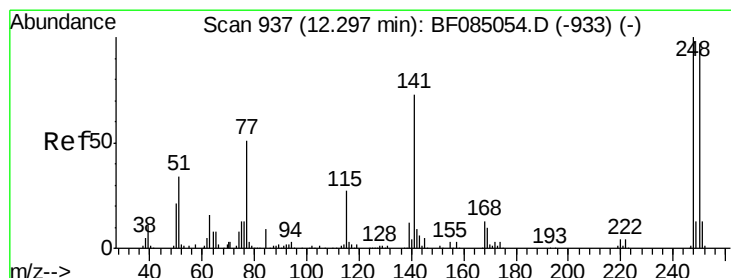
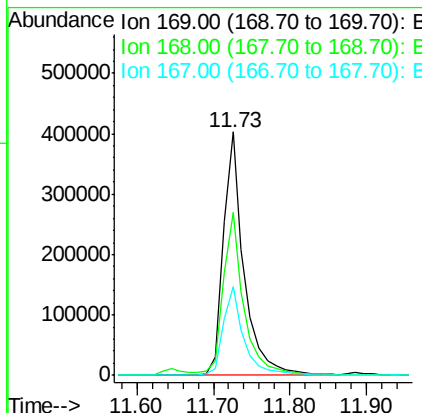
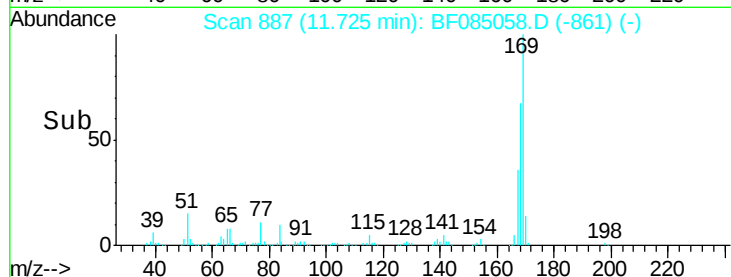
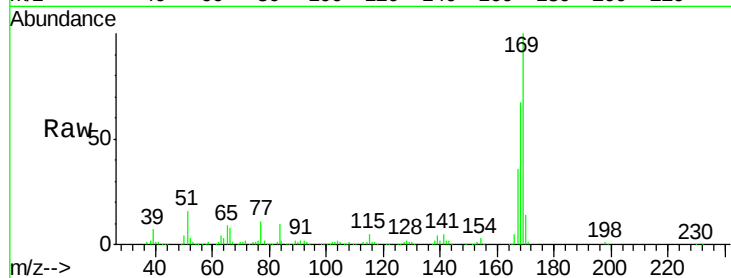
ClientSampleId :

ICVBF021316

Tot Ion:	169	Resp:	757148
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.8	82.2
167	36.4	29.8	44.8

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.71 ng

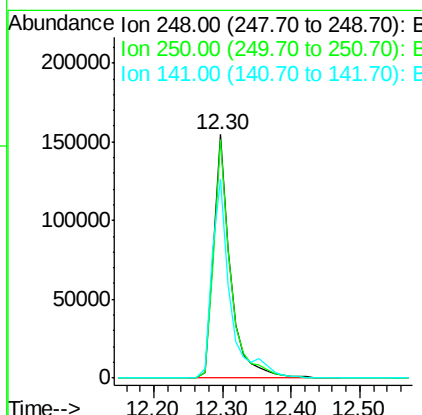
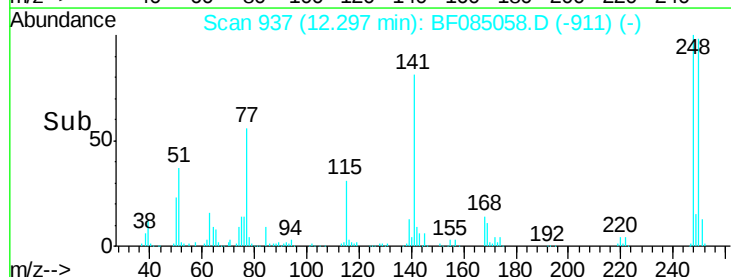
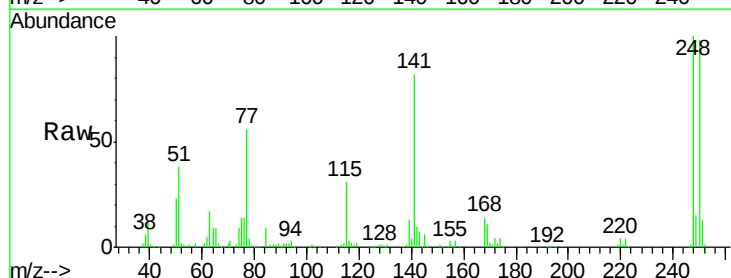
RT: 12.30 min Scan# 937

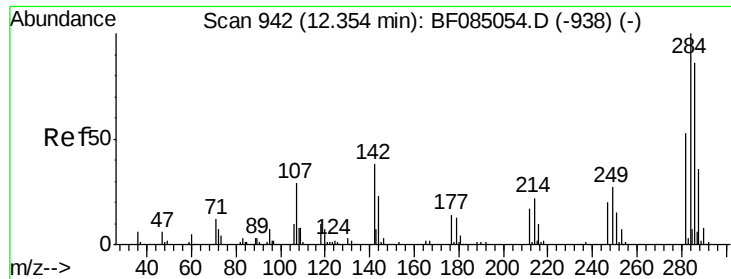
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	248	Resp:	268269
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.5	116.3
141	81.7	58.2	87.4





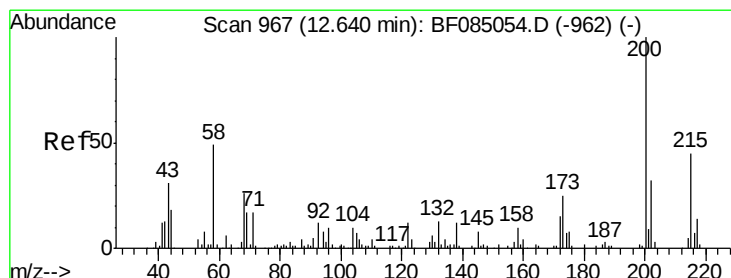
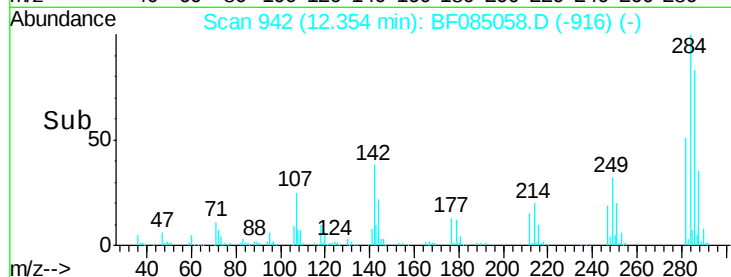
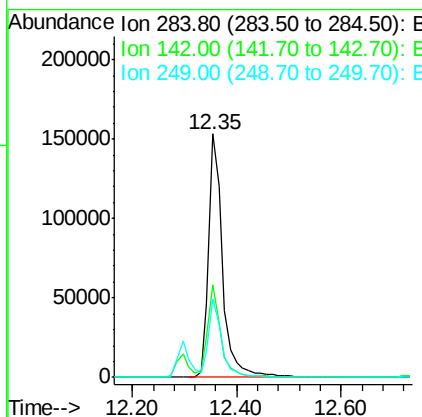
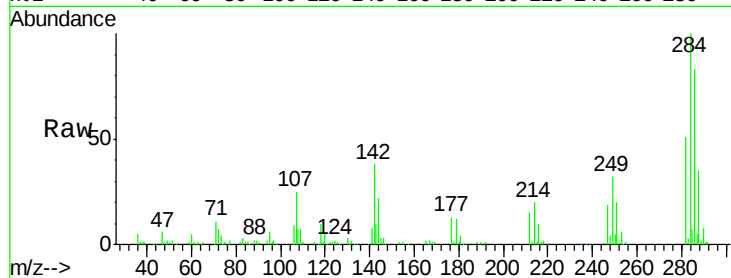
#67
Hexachlorobenzene
Concen: 40.62 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Resp	Lower	Upper
284	100	286236		
142	38.1		33.5	50.3
249	32.1		27.4	41.2

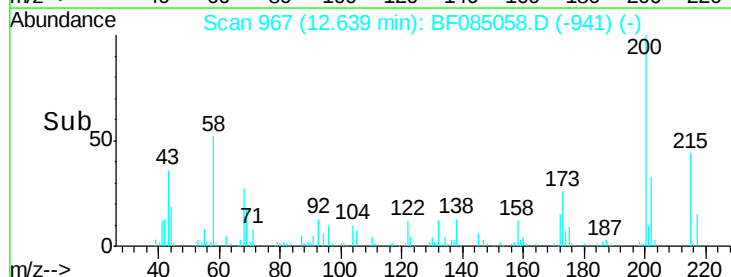
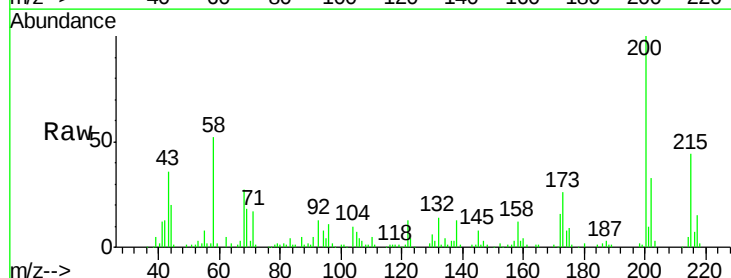
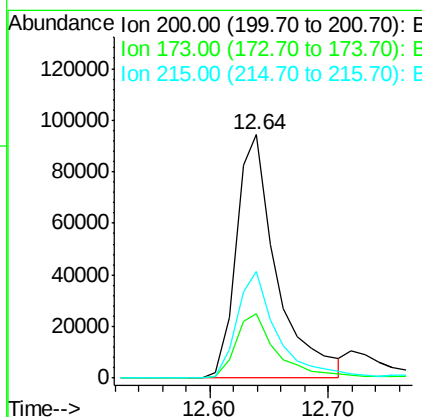
Manual Integrations
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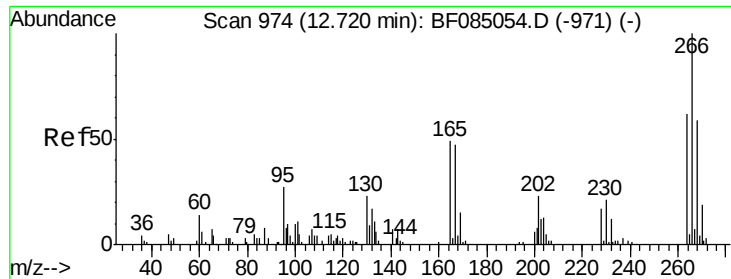
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#68
Atrazine
Concen: 40.92 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222786		
173	26.3		4.7	44.7
215	44.0		24.8	64.8





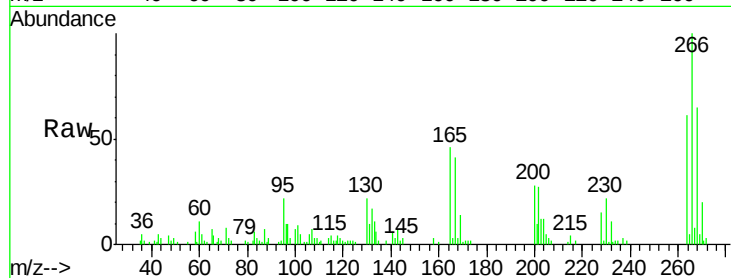
#69
 Pentachlorophenol
 Concen: 37.35 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

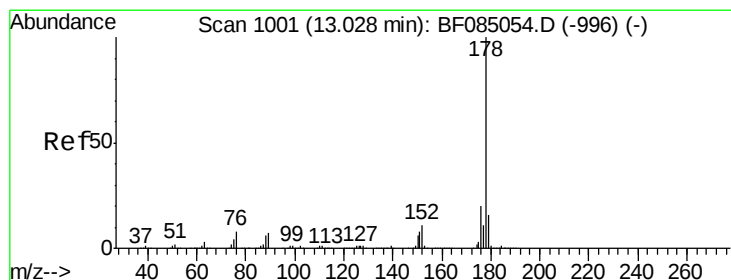
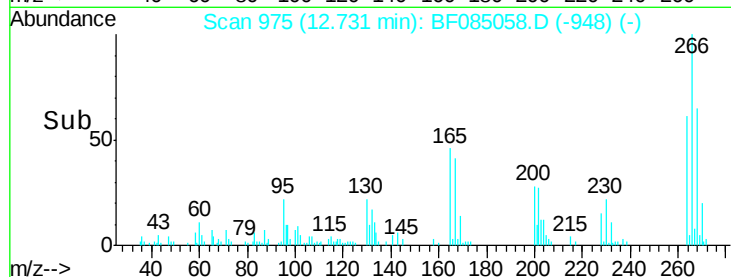
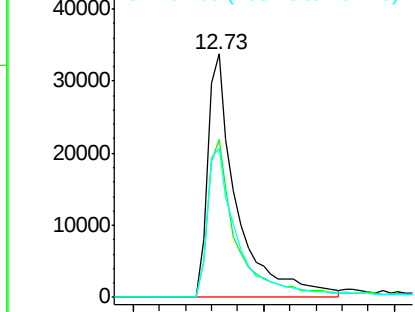
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	47.3	70.9
264	61.4	49.8	74.6

Manual Integrations
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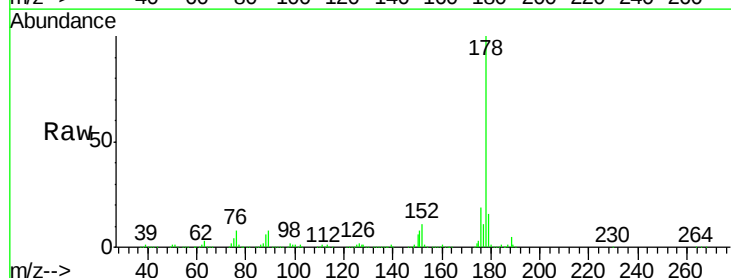


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

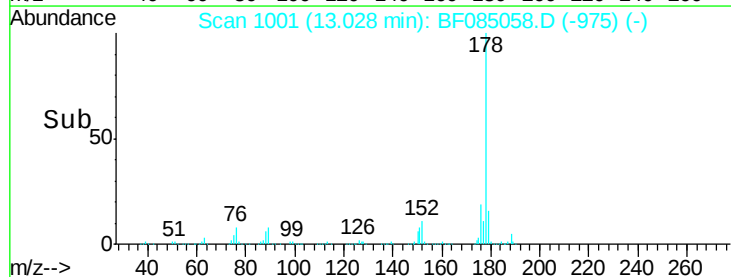
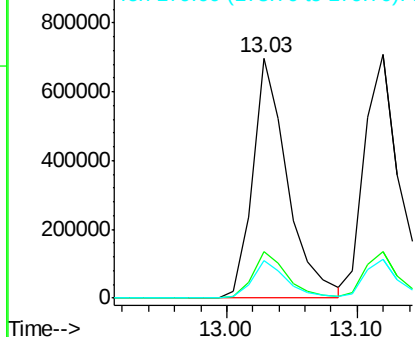


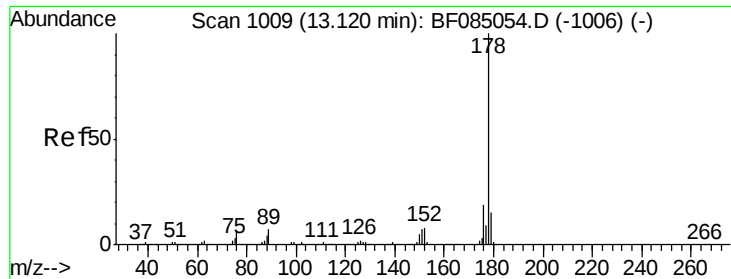
#70
 Phenanthrene
 Concen: 39.71 ng
 RT: 13.03 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	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





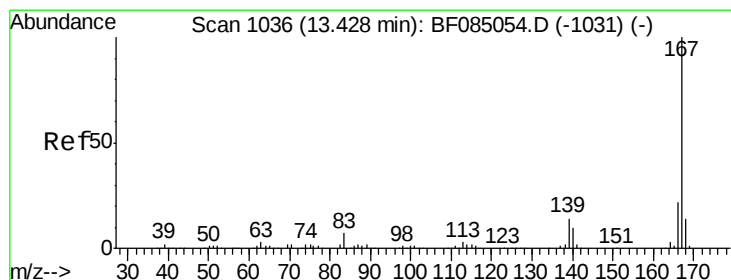
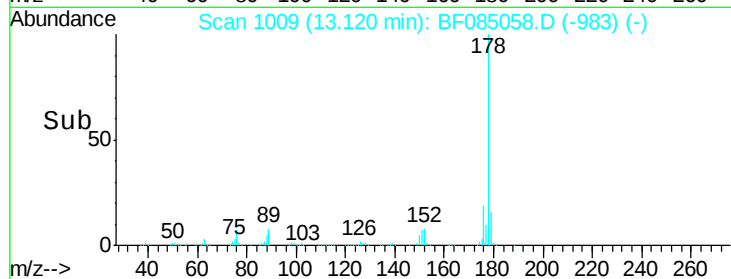
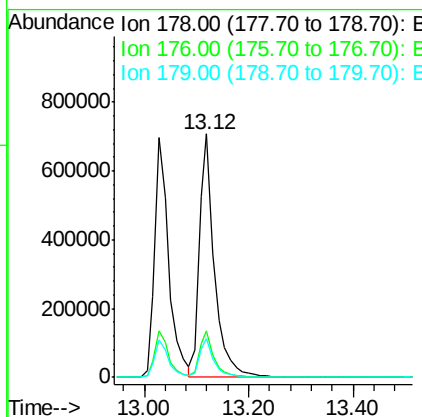
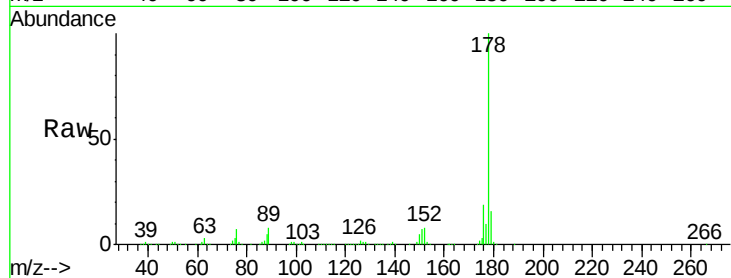
#71
 Anthracene
 Concen: 41.25 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion:178 Resp: 1406390
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.8 12.2 18.2

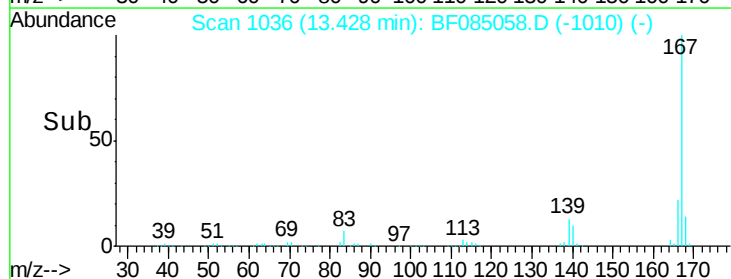
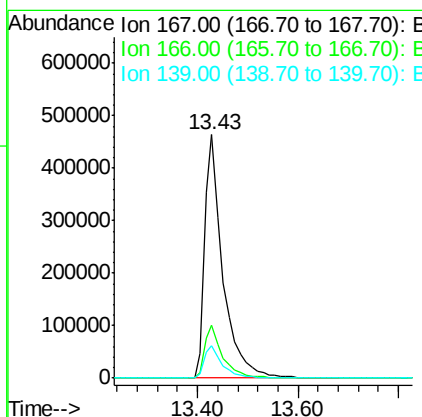
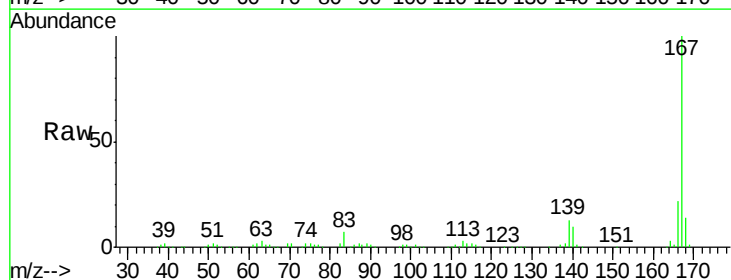
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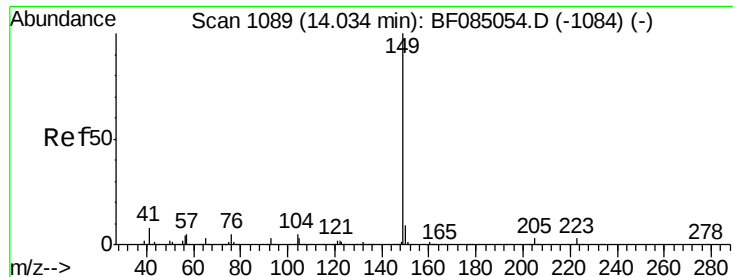
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#72
 Carbazole
 Concen: 41.07 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion:167 Resp: 1159348
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 11.0 16.6





#73

Di-n-butylphthalate

Concen: 40.22 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Tot Ion:149 Resp: 1490114

Ion Ratio Lower Upper

149 100

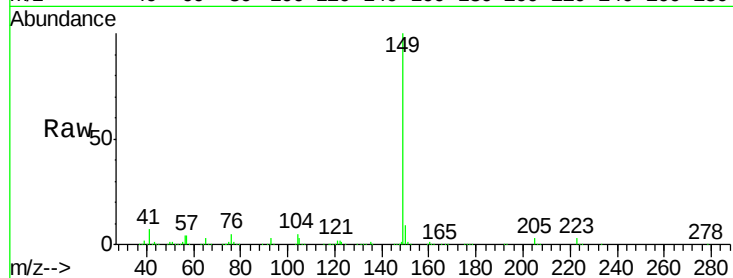
150 9.2 7.5 11.3

104 5.0 4.2 6.2

Manual Integrations
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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

1200000

1000000

800000

600000

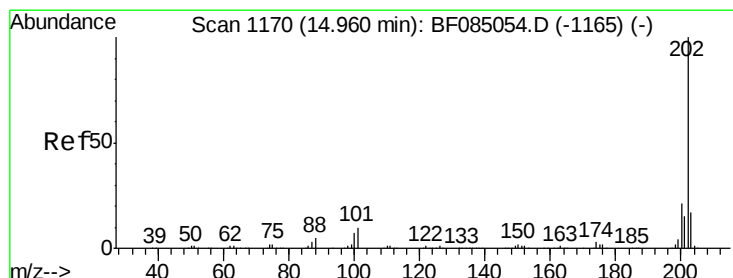
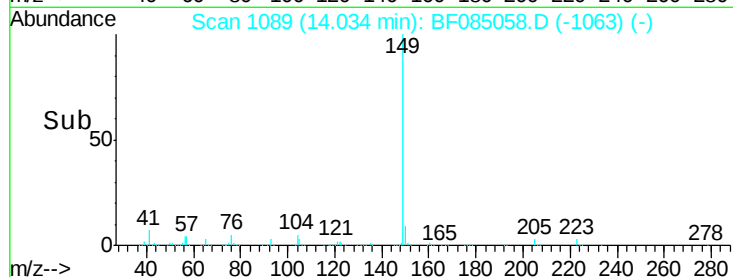
400000

200000

0

14.03

Time-->



#74

Fluoranthene

Concen: 41.62 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

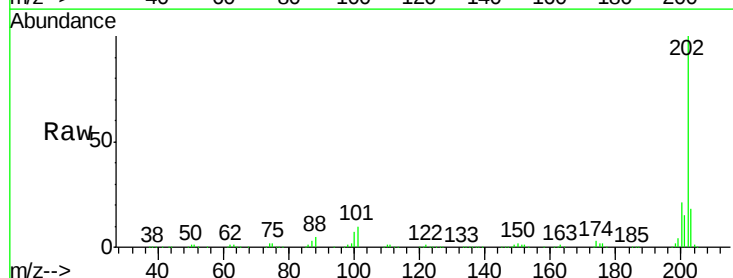
Tgt Ion:202 Resp: 1352691

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.8

203 17.7 0.0 37.5



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

1000000

800000

600000

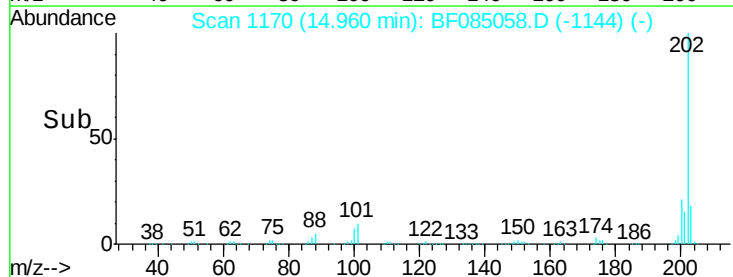
400000

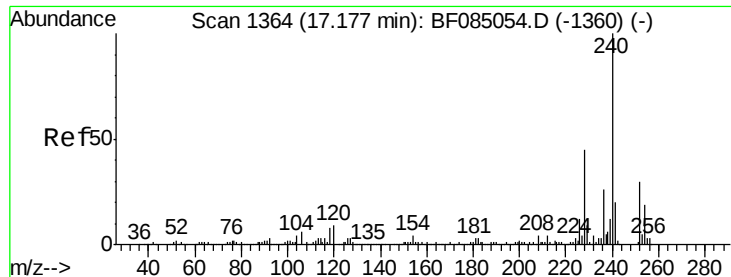
200000

0

14.96

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

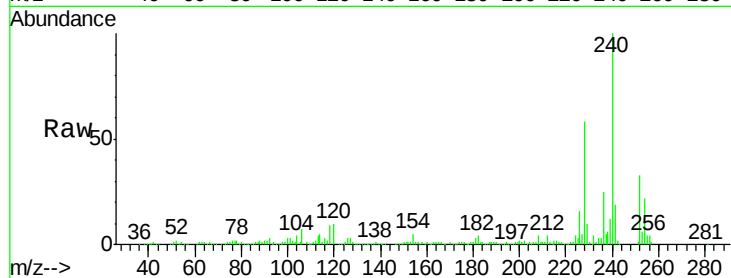
ClientSampleId :

ICVBF021316

Tot Ion:	240	Resp:	414257
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.0	10.6
236	24.7	20.5	30.7

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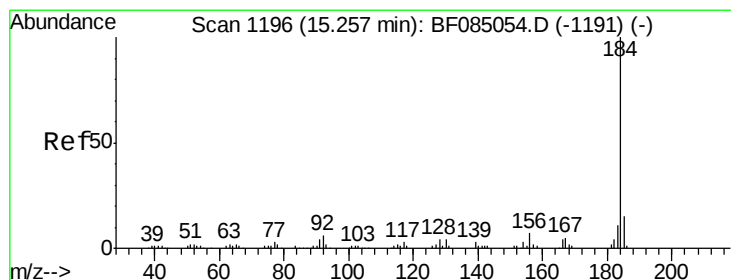
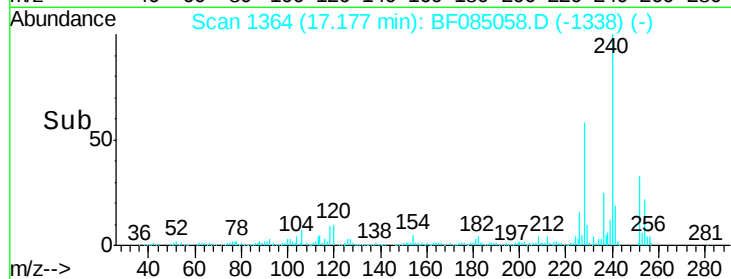
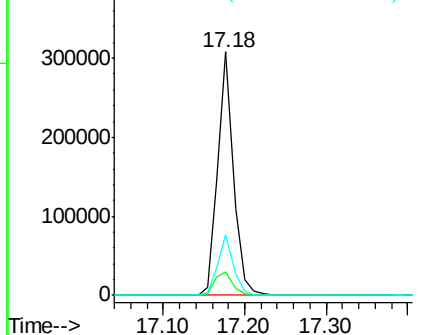
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.35 ng

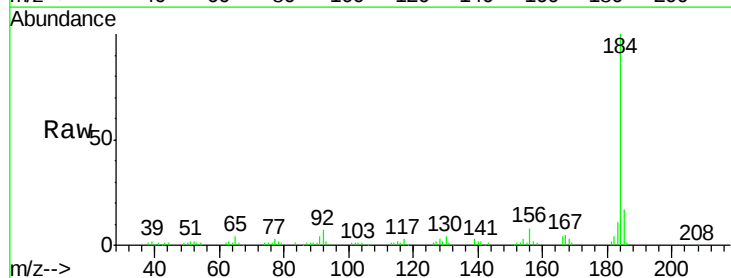
RT: 15.26 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

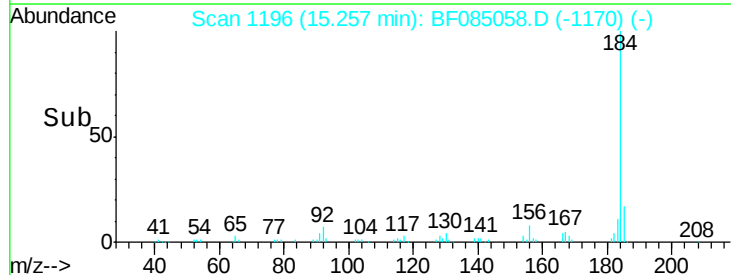
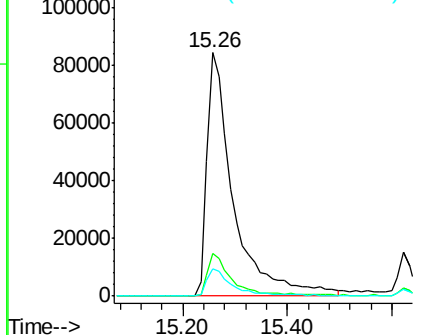
Tgt Ion:	184	Resp:	296970
Ion Ratio	Lower	Upper	
184	100		
185	17.5	11.8	17.8
183	11.0	8.6	12.8

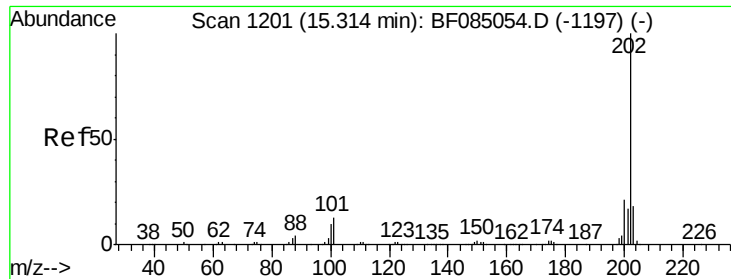


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





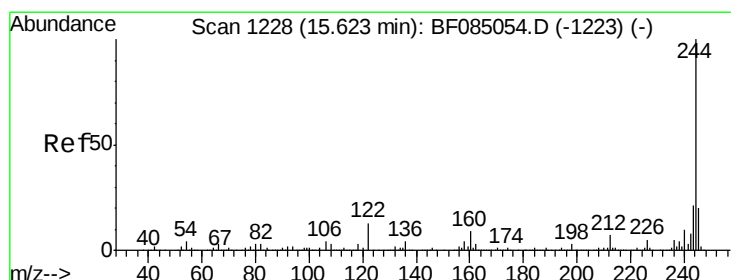
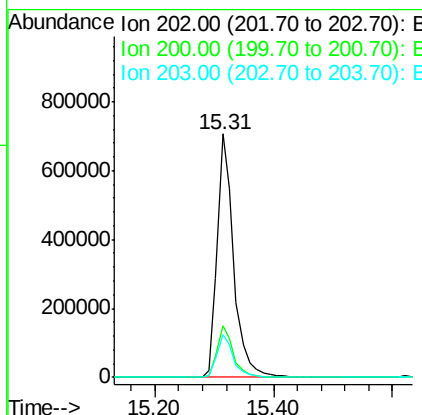
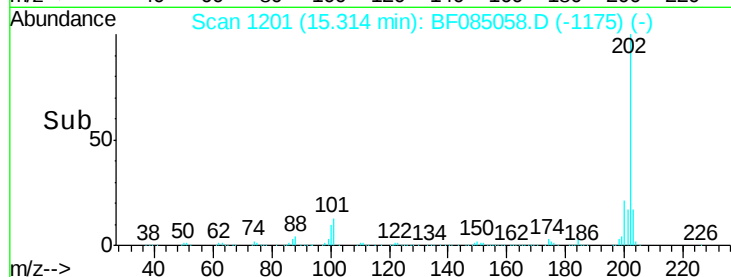
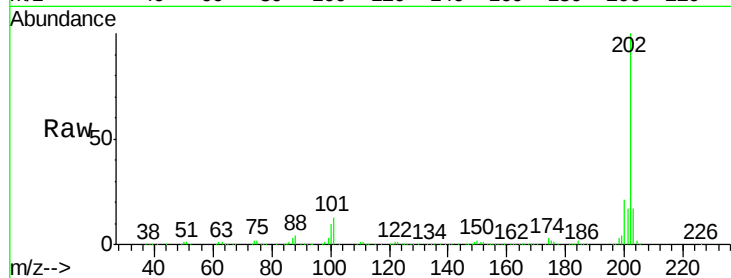
#77
Pvrene
Concen: 40.82 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.4	14.2	21.4

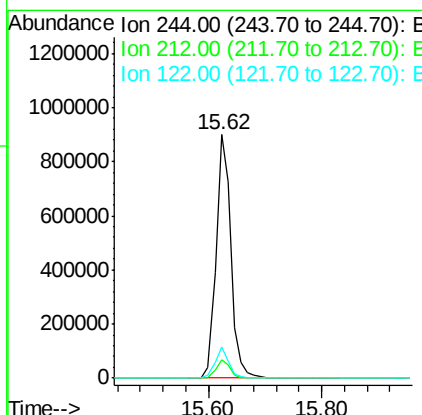
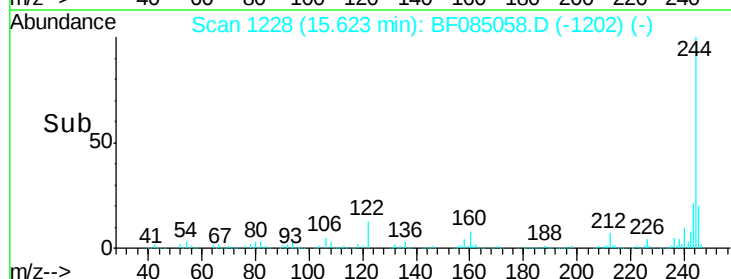
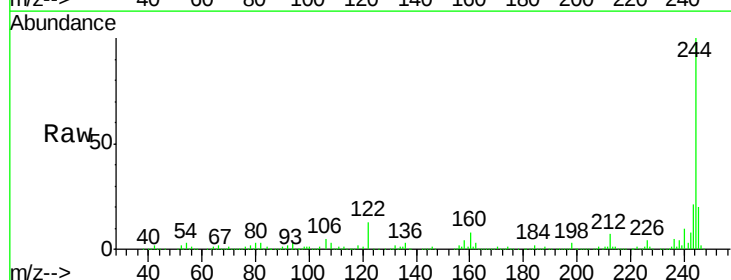
Manual Integrations
APPROVED

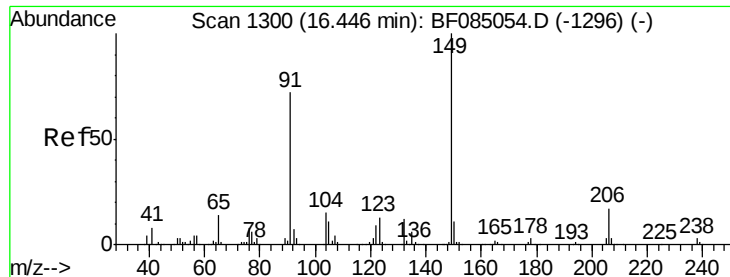
Sohil
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#78
Terphenyl-d14
Concen: 80.04 ng
RT: 15.62 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.9	10.1	15.1





#79

Butylbenzylphthalate

Concen: 42.49 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Instrument :

BNA_F

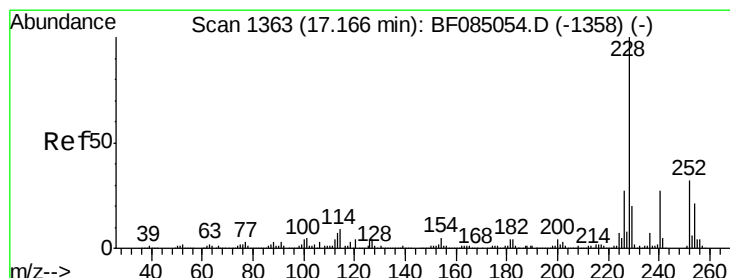
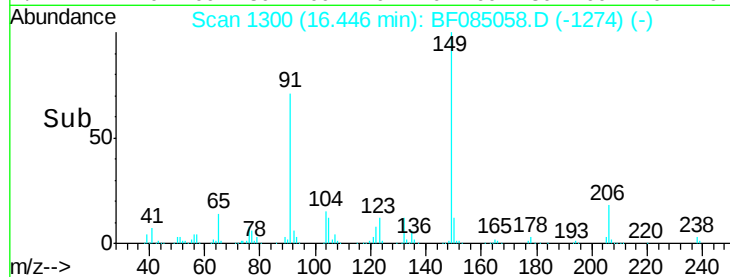
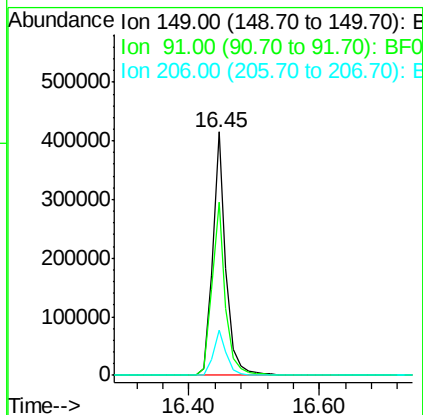
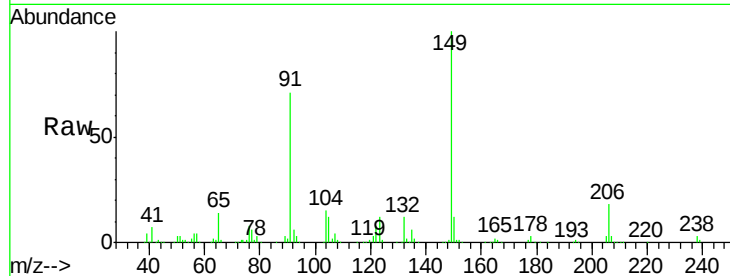
ClientSampleId :

ICVBF021316

Tot Ion:	149	Resp:	592171
Ion Ratio	Lower	Upper	
149	100		
91	71.2	57.8	86.8
206	18.4	13.8	20.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.62 ng

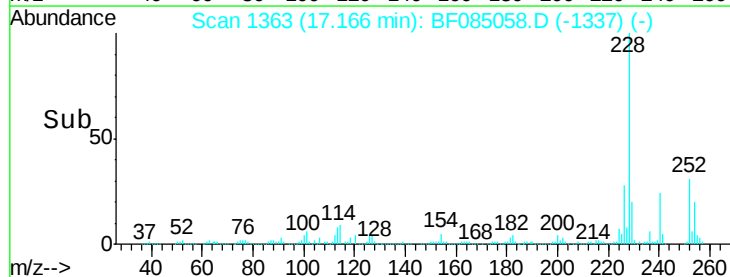
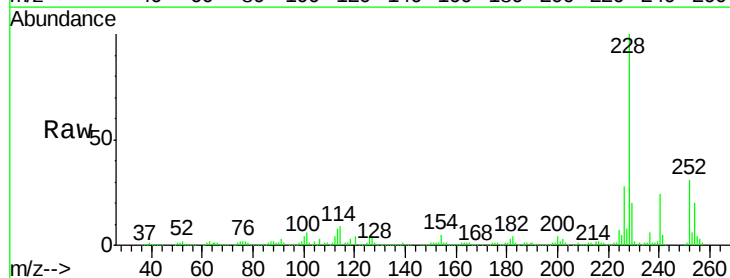
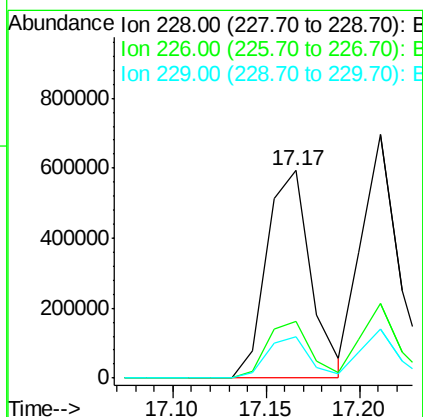
RT: 17.17 min Scan# 1363

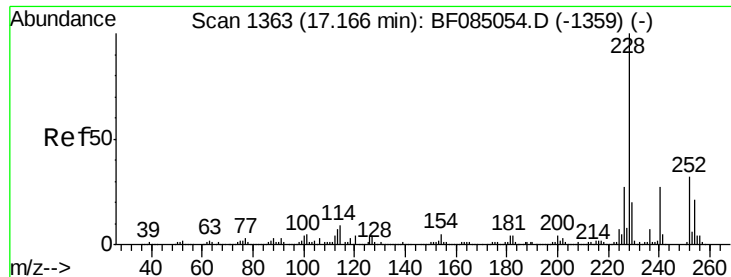
Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tgt Ion:	228	Resp:	974359
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.6
229	19.9	15.8	23.8





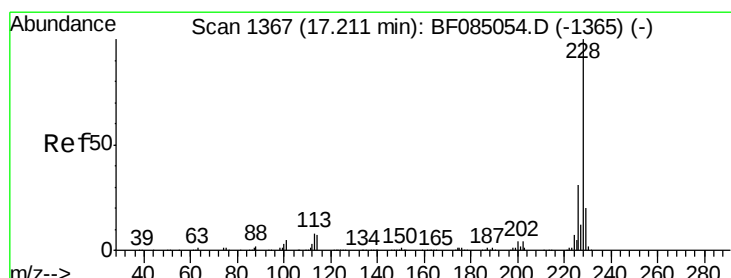
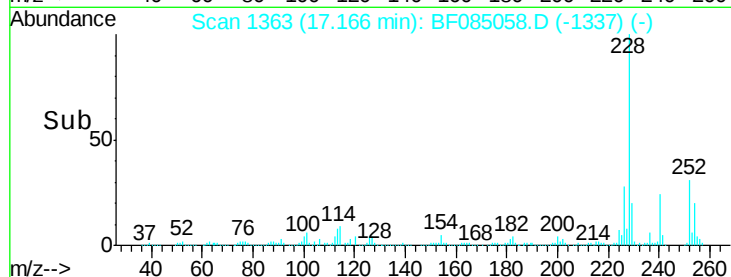
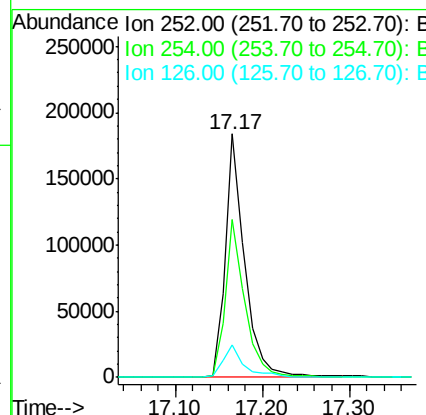
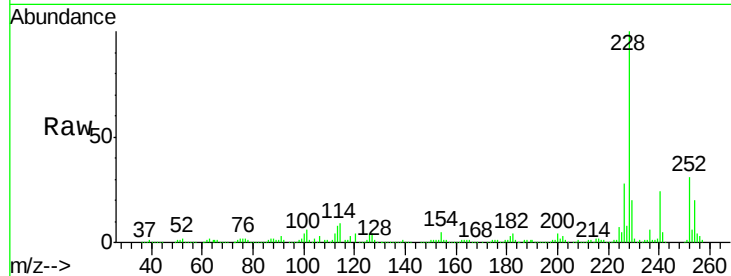
#81
 3,3'-Dichlorobenzidine
 Concen: 41.39 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	65.1	52.9	79.3		
126	13.2	10.6	16.0		

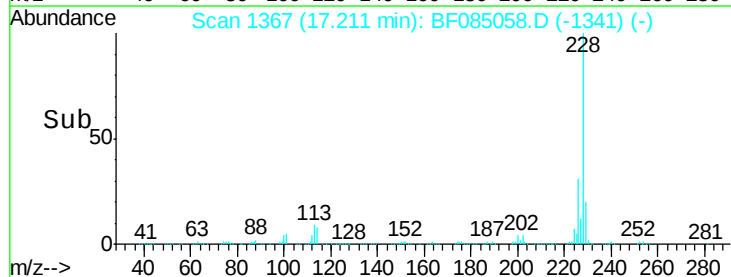
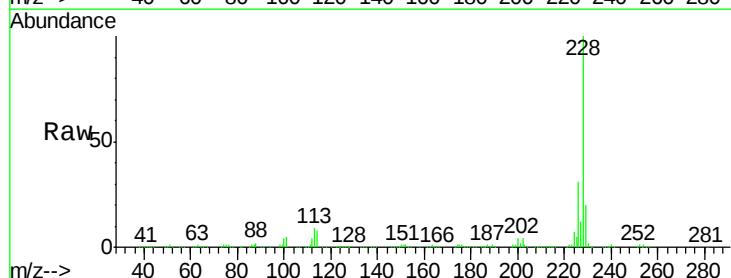
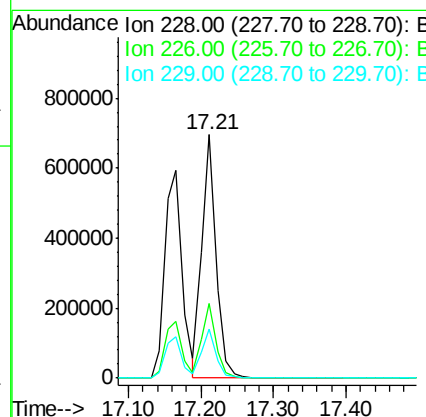
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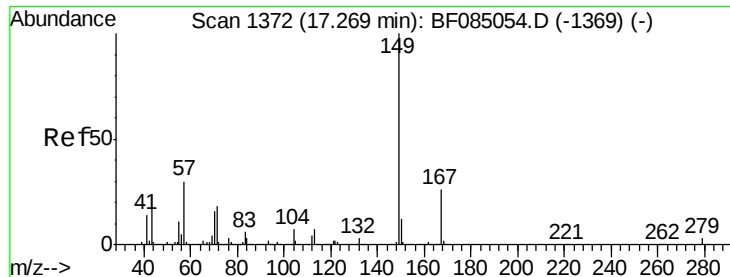
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#82
 Chrysene
 Concen: 40.89 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.8	24.3	36.5		
229	20.1	16.1	24.1		





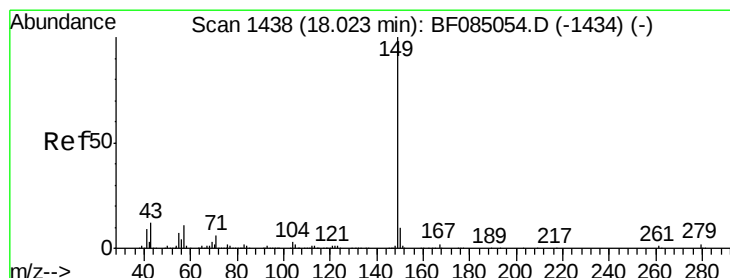
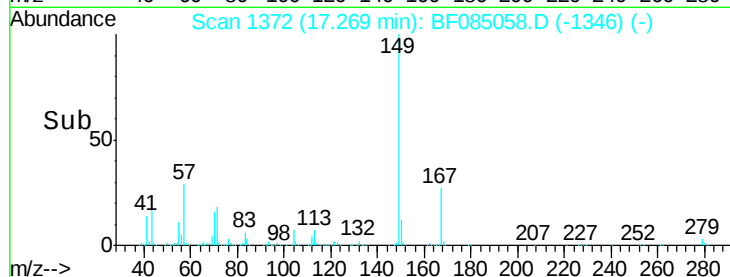
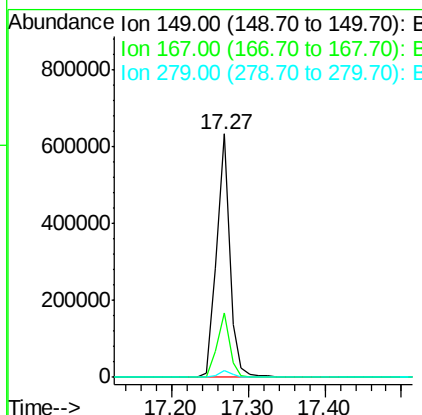
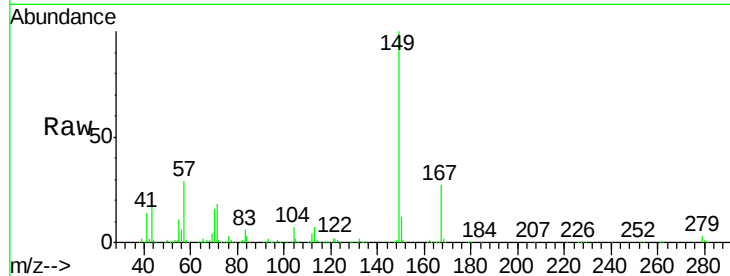
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.72 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021316

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		764290		
167	26.7	21.0	31.6		
279	3.0	2.4	3.6		

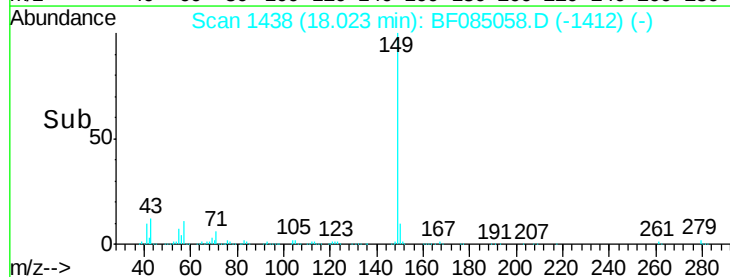
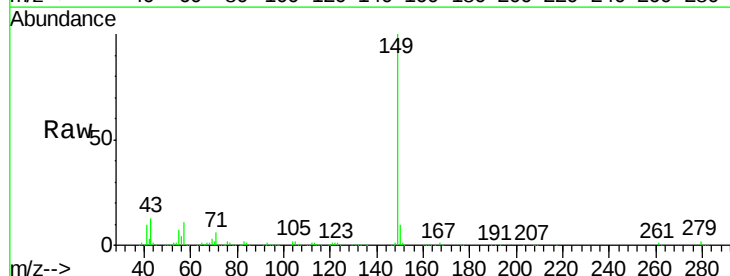
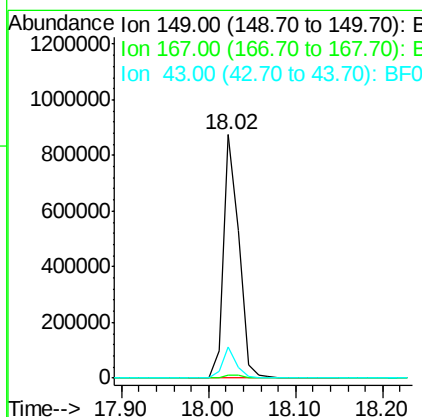
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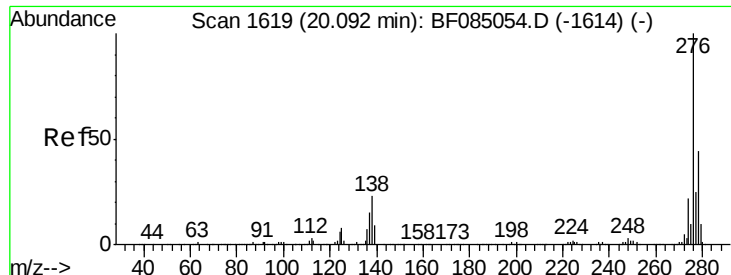
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#84
 Di-n-octyl phthalate
 Concen: 41.47 ng
 RT: 18.02 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF085058.D
 Acq: 12 Feb 2016 22:10

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.1	9.0	13.6	





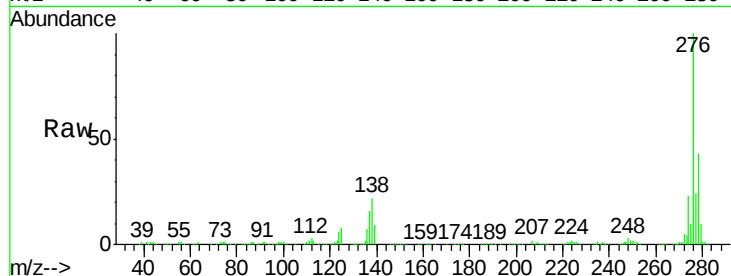
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.27 ng
RT: 20.09 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

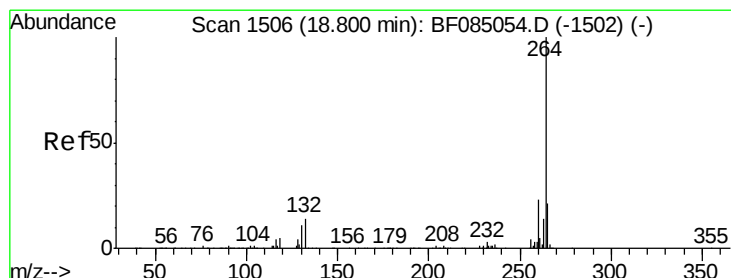
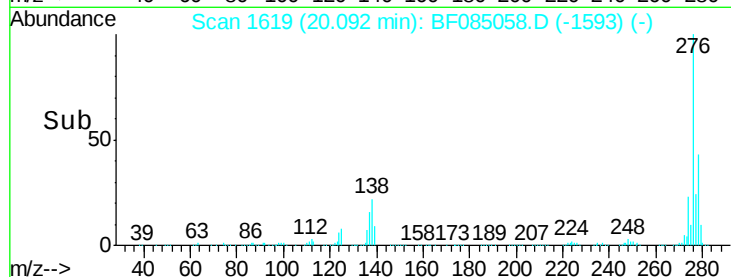
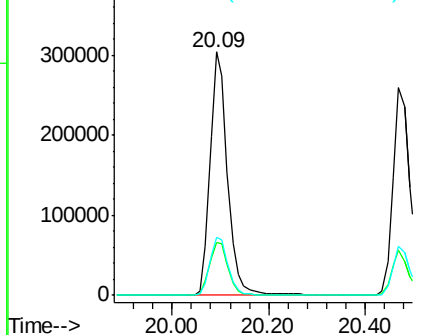
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.4
277	25.1	20.0	30.0

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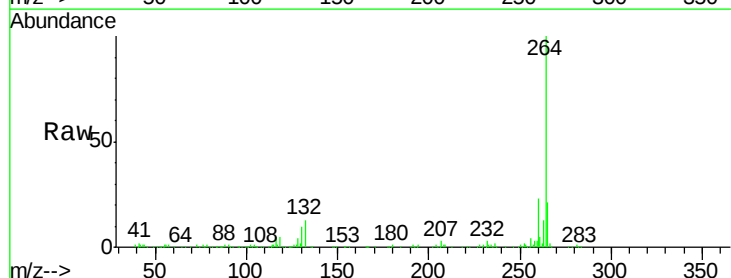


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

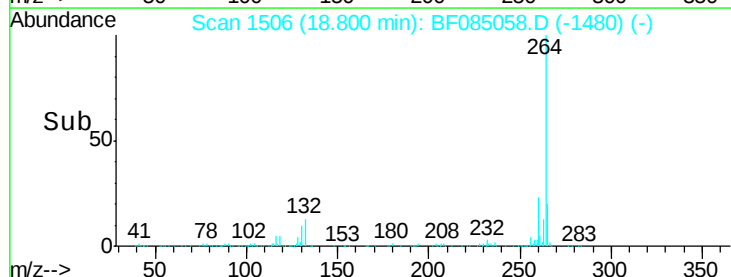
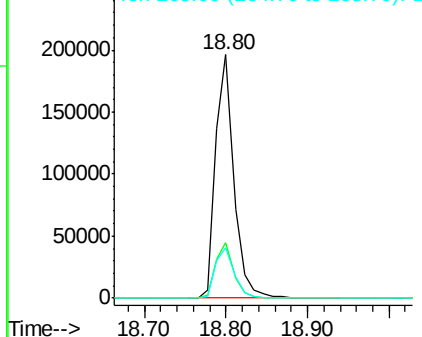


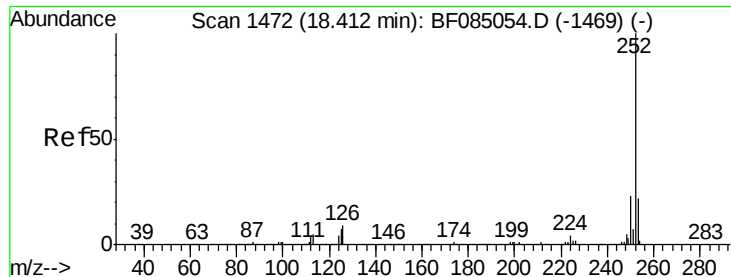
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.6	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





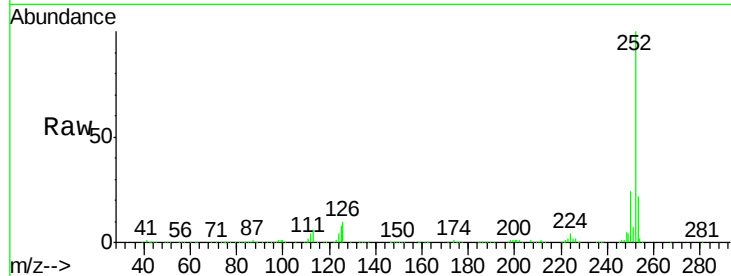
#87
Benzo(b)fluoranthene
Concen: 38.78 ng m
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

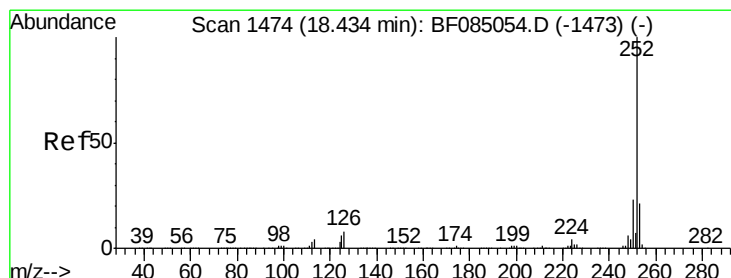
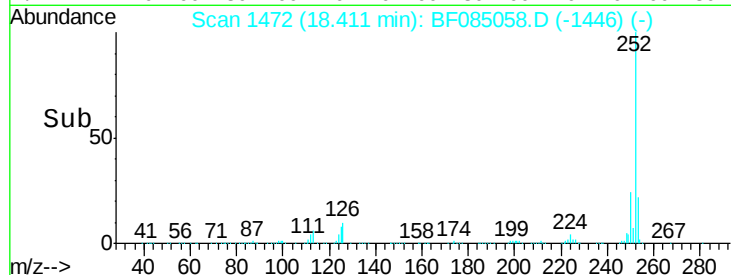
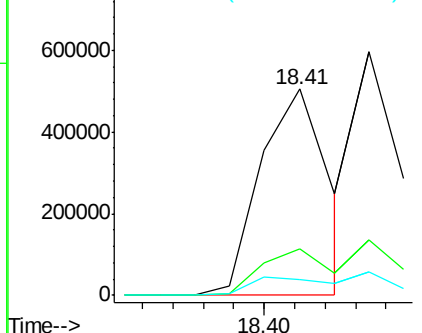
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.8	5.4	8.2

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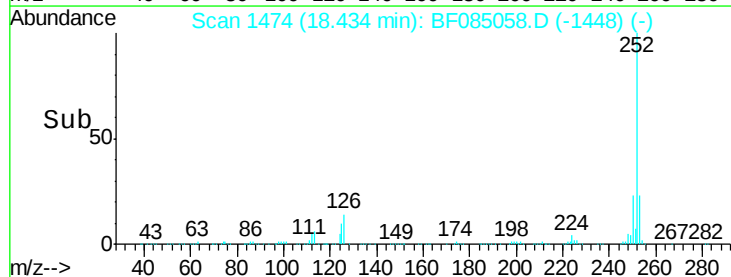
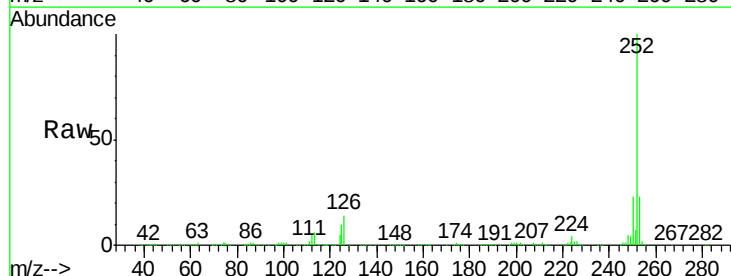
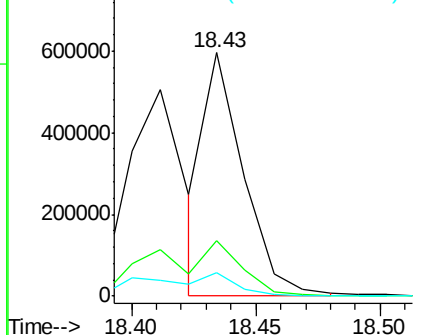
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

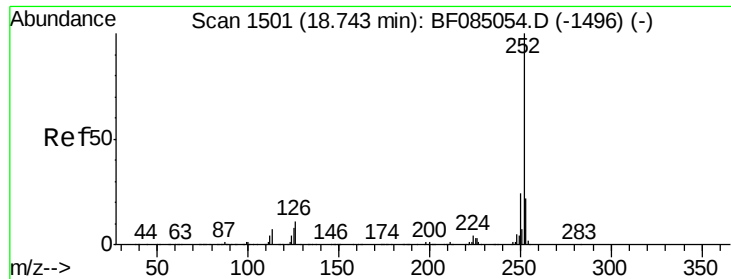


#88
Benzo(k)fluoranthene
Concen: 41.30 ng m
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.9	7.2	10.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





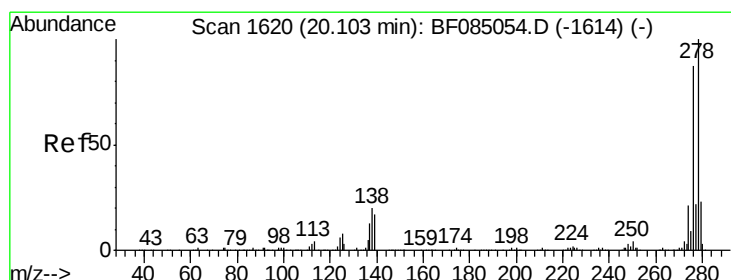
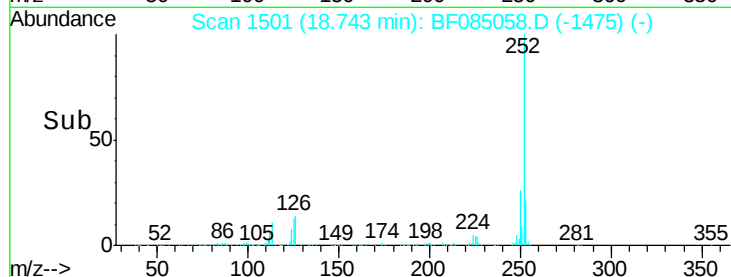
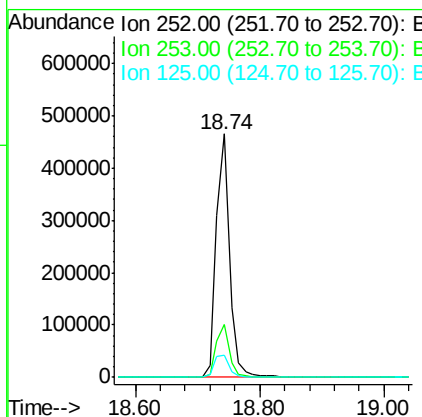
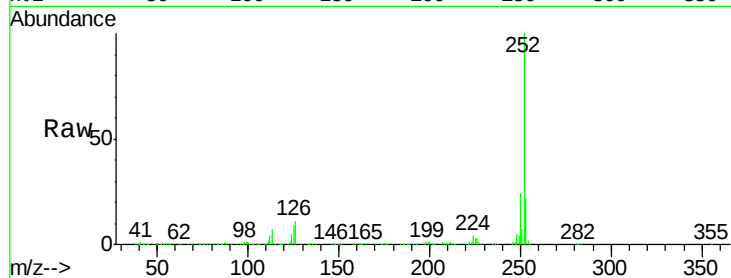
#89
Benzo(a)pyrene
Concen: 39.94 ng
RT: 18.74 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Instrument :
BNA_F
ClientSampleId :
ICVBF021316

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.9	6.1	9.1

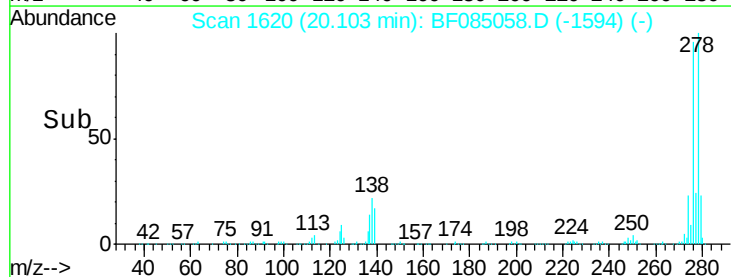
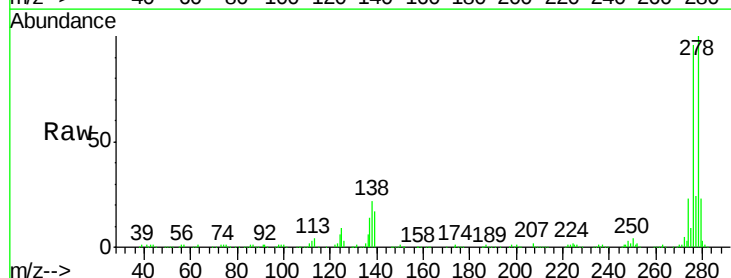
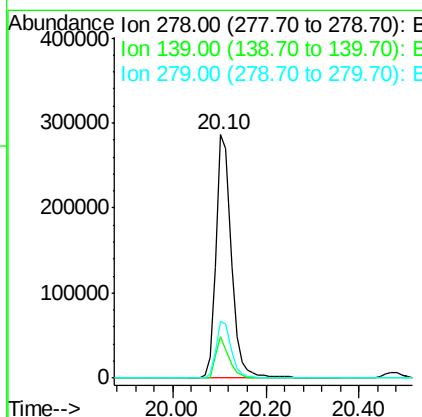
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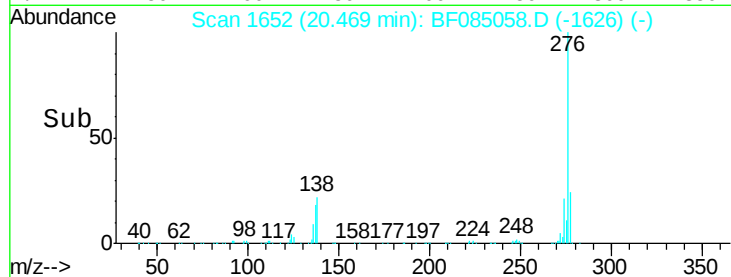
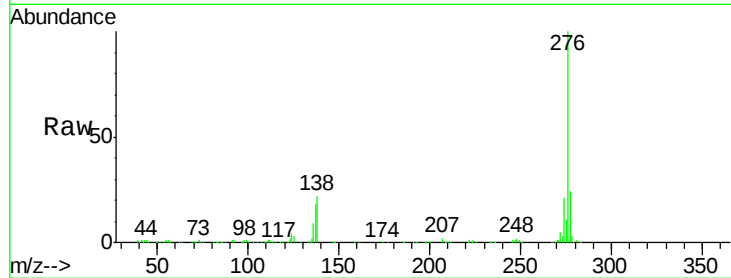
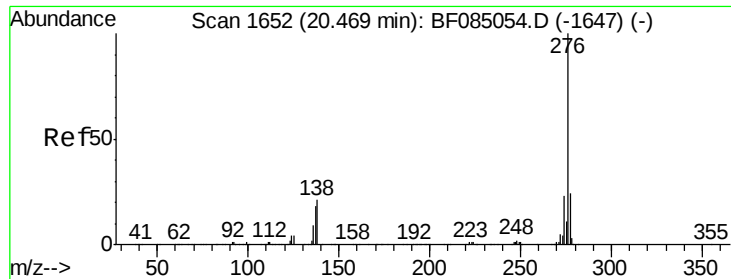
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.73 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BF085058.D
Acq: 12 Feb 2016 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.3	19.9
279	23.3	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 40.26 ng

RT: 20.47 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF085058.D

Acq: 12 Feb 2016 22:10

Tot Ion:	276	Resp:	670186
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.7	16.6	24.8

Instrument :

BNA_F

ClientSampleId :

ICVBF021316

Manual Integrations
APPROVED

Sohil
2/15/2016 4:43:16 PM

