

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086360.D
 Acq On : 22 Apr 2016 22:51
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Manual Integrations
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 4/25/2016 12:35:39 PM

Quant Time: Apr 23 00:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	178975	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	766724	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	376064	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	718973	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	534936	20.00	ng	0.00
86) Perylene-d12	15.41	264	490765	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	781952	75.45	ng	0.00
7) Phenol-d6	6.48	99	1068686	75.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	1025226	79.21	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	268654	78.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1649794	74.86	ng	0.00
78) Terphenyl-d14	12.95	244	1571289	72.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	201480	35.16	ng	99
3) Pyridine	3.13	79	545152	39.92	ng	98
4) n-Nitrosodimethylamine	3.07	42	186854	36.07	ng	100
6) Aniline	6.50	93	680055	39.55	ng	97
8) 2-Chlorophenol	6.62	128	476899	37.69	ng	98
9) Benzaldehyde	6.38	77	352997	41.25	ng	98
10) Phenol	6.49	94	649560	39.04	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	530796	36.65	ng	97
12) 1,3-Dichlorobenzene	6.78	146	520185	38.55	ng	99
13) 1,4-Dichlorobenzene	6.86	146	554684	37.42	ng	99
14) 1,2-Dichlorobenzene	7.01	146	510860	37.93	ng	99
15) Benzyl Alcohol	6.99	79	327909	39.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	704562	37.11	ng	99
17) 2-Methylphenol	7.10	107	395251	38.12	ng	99
18) Hexachloroethane	7.36	117	183046	36.66	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	321870	38.23	ng	98
20) 3+4-Methylphenols	7.25	107	423222	38.51	ng	98
22) Acetophenone	7.25	105	594273	36.95	ng	99
24) Nitrobenzene	7.42	77	527722	38.01	ng	98
25) Isophorone	7.66	82	917527	36.17	ng	99
26) 2-Nitrophenol	7.74	139	283835	41.38	ng	99
27) 2,4-Dimethylphenol	7.78	122	444744	37.86	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	544529	38.45	ng	99
29) 2,4-Dichlorophenol	7.98	162	396511	40.84	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	407275	38.62	ng	100
31) Naphthalene	8.16	128	1450140	37.13	ng	99
32) Benzoic acid	7.90	122	296082	39.43	ng	95
33) 4-Chloroaniline	8.20	127	603672	39.68	ng	98
34) Hexachlorobutadiene	8.27	225	201953	38.35	ng	99
35) Caprolactam	8.57	113	136634	39.22	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	473194	41.01	ng	99
37) 2-Methylnaphthalene	8.84	142	880083	39.07	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	356827	36.68	ng	99
40) Hexachlorocyclopentadiene	8.99	237	190126	40.01	ng	94

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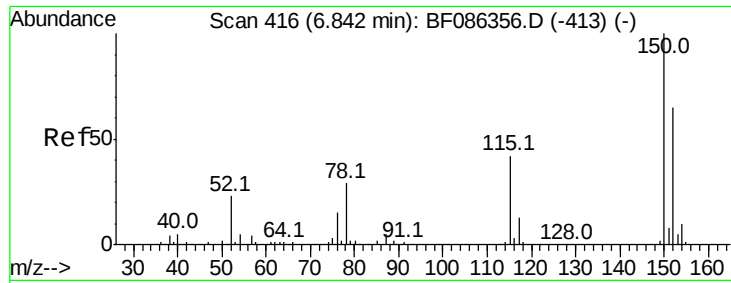
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	261459	40.98	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	290358	36.97	nq	97
45) 1,1'-Biphenyl	9.31	154	1101091	37.74	nq	100
46) 2-Chloronaphthalene	9.33	162	867426	37.56	nq	99
47) 2-Nitroaniline	9.42	65	294312	40.93	nq	99
48) Acenaphthylene	9.74	152	1432818	38.27	nq	100
49) Dimethylphthalate	9.61	163	1044261	38.44	nq	100
50) 2,6-Dinitrotoluene	9.66	165	228943	39.01	nq	98
51) Acenaphthene	9.92	154	896475	38.97	nq	100
52) 3-Nitroaniline	9.84	138	302558	41.18	nq	97
53) 2,4-Dinitrophenol	9.94	184	126700	41.53	nq	99
54) Dibenzofuran	10.09	168	1129765	38.25	nq	99
55) 4-Nitrophenol	10.00	139	208719	40.60	nq	99
56) 2,4-Dinitrotoluene	10.06	165	299047	38.37	nq	100
57) Fluorene	10.43	166	917057	37.89	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	231278	40.28	nq	98
59) Diethylphthalate	10.30	149	996736	38.31	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	388901	36.74	nq	98
61) 4-Nitroaniline	10.45	138	303174	40.32	nq	99
62) Azobenzene	10.58	77	1014573	37.61	nq	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	179376	40.83	nq	99
65) n-Nitrosodiphenylamine	10.54	169	825495	37.24	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	263011	37.36	nq	95
67) Hexachlorobenzene	10.98	284	274142	36.50	nq	97
68) Atrazine	11.07	200	266656	38.96	nq	99
69) Pentachlorophenol	11.16	266	181210	41.08	nq	97
70) Phenanthrene	11.39	178	1342943	37.17	nq	100
71) Anthracene	11.44	178	1446030	34.93	nq	100
72) Carbazole	11.60	167	1433251	36.87	nq	100
73) Di-n-butylphthalate	11.93	149	1546837	37.82	nq	100
74) Fluoranthene	12.57	202	1374047	35.27	nq	99
76) Benzidine	12.69	184	872419	39.77	nq	98
77) Pyrene	12.80	202	1369050	36.70	nq	99
79) Butylbenzylphthalate	13.43	149	715789	41.18	nq	98
80) Benzo(a)anthracene	13.99	228	1106781	39.86	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	705379	36.83	nq	98
82) Chrysene	14.02	228	1077031	34.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	772549	39.70	nq	100
84) Di-n-octyl phthalate	14.59	149	1474279	39.46	nq	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	990163	35.60	nq	100
87) Benzo(b)fluoranthene	15.00	252	1267485m	47.05	nq	
88) Benzo(k)fluoranthene	15.04	252	847115m	32.04	nq	
89) Benzo(a)pyrene	15.36	252	1029629	38.75	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	819625	37.39	nq	97
91) Benzo(g,h,i)perylene	17.20	276	831410	36.74	nq	99

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



#1

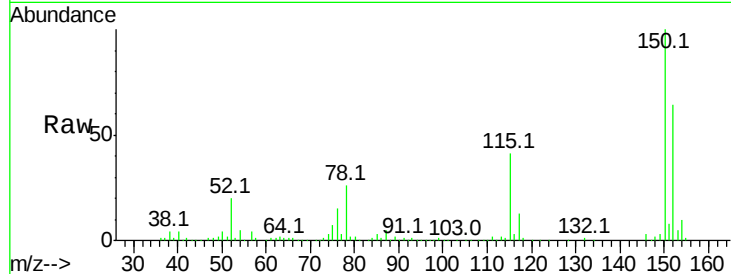
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

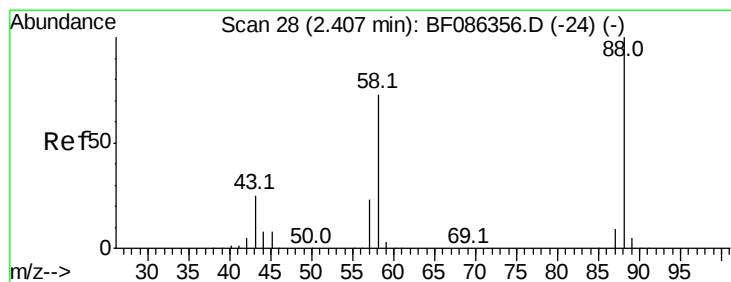
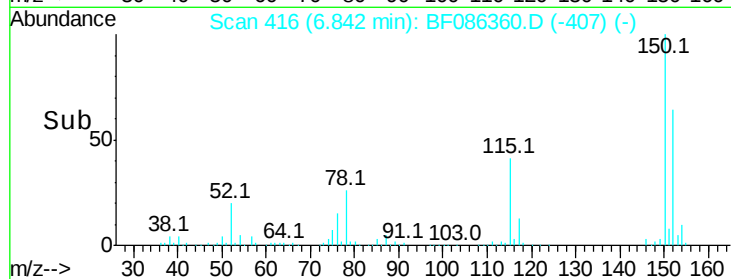
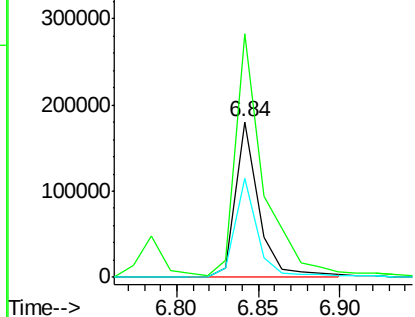
Tot Ion	Ratio	Resp	Lower	Upper
152	100	178975		
150	156.7	125.8	188.6	
115	63.8	51.5	77.3	

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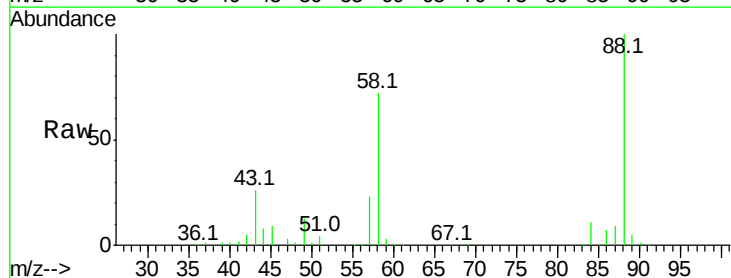
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



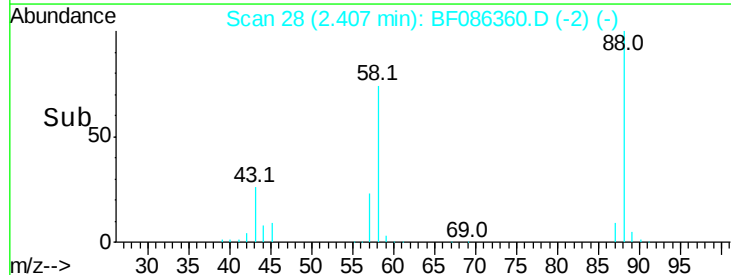
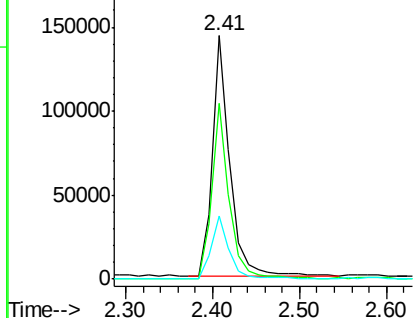
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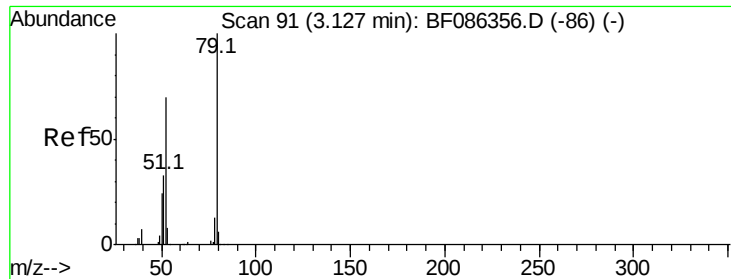
1,4-Dioxane
Concen: 35.16 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	201480		
58	74.0	59.6	89.4	
43	28.4	21.8	32.6	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.92 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

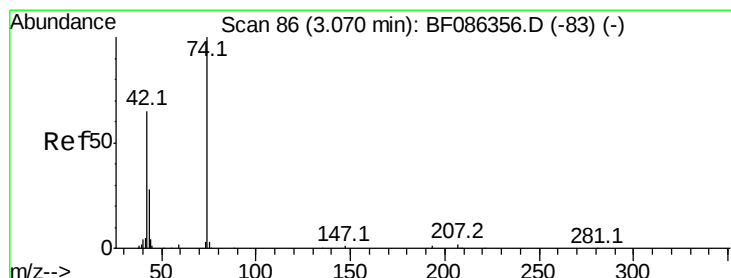
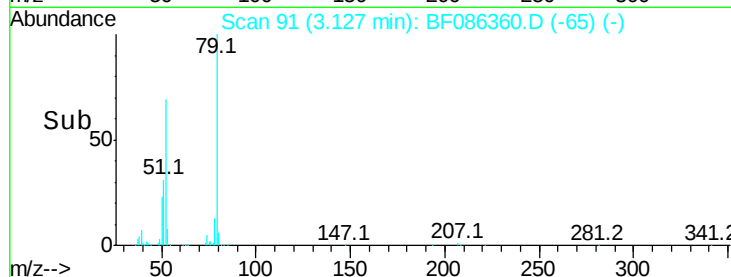
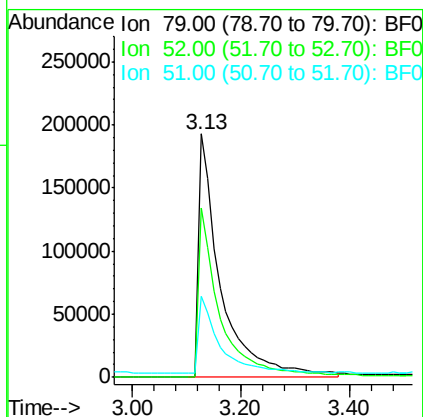
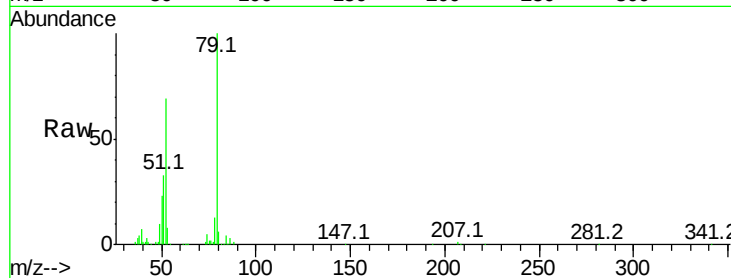
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	69.3	55.9	83.9		
51	33.2	28.1	42.1		



#4

n-Nitrosodimethylamine

Concen: 36.07 ng

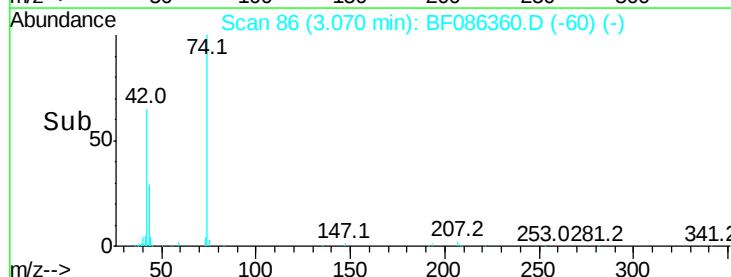
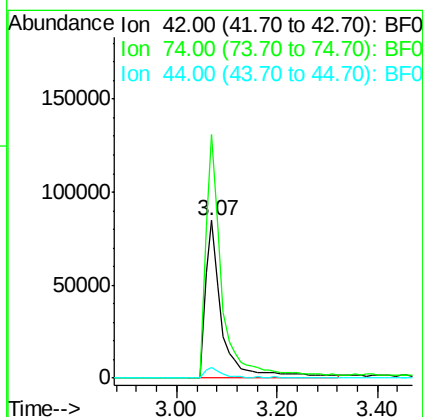
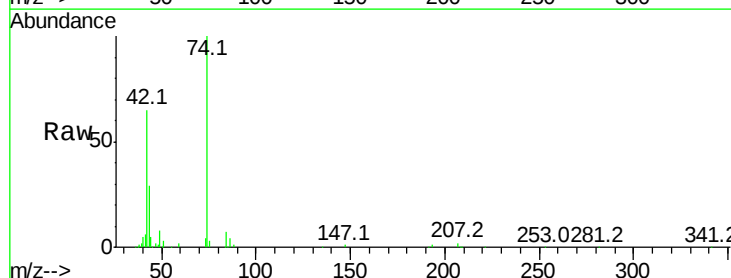
RT: 3.07 min Scan# 86

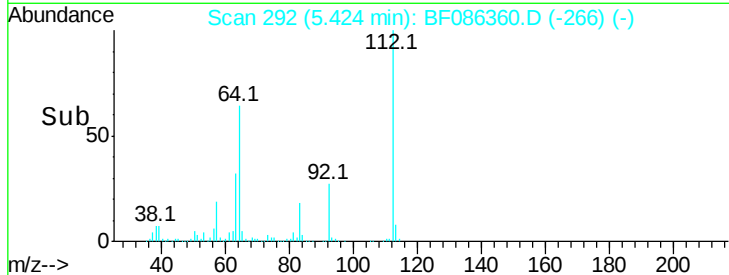
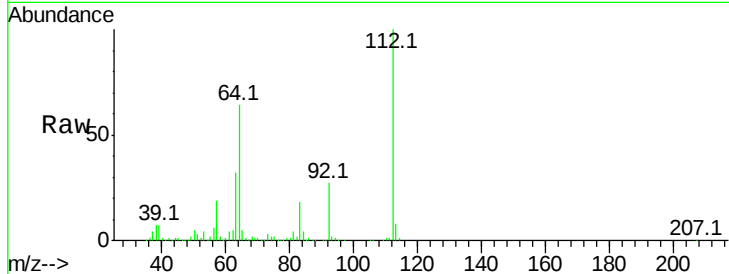
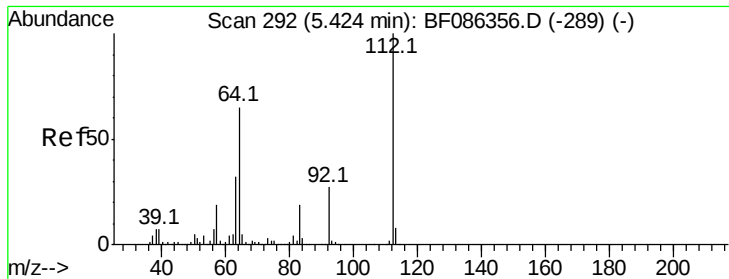
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	154.4	123.4	185.0		
44	7.0	5.8	8.6		





#5

2-Fluorophenol

Concen: 75.45 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

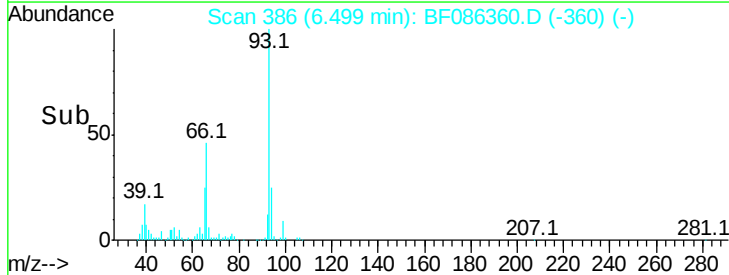
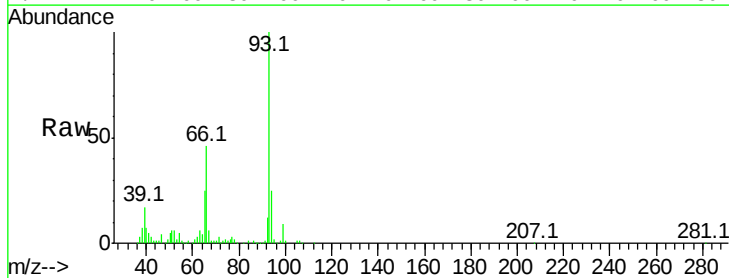
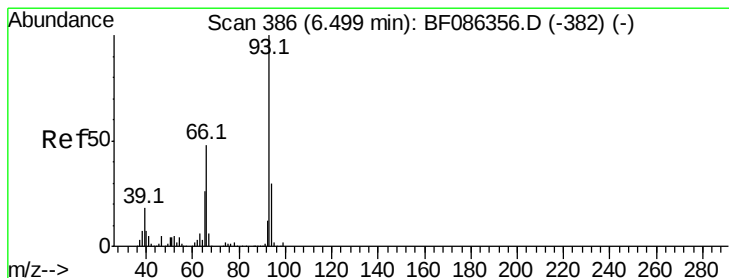
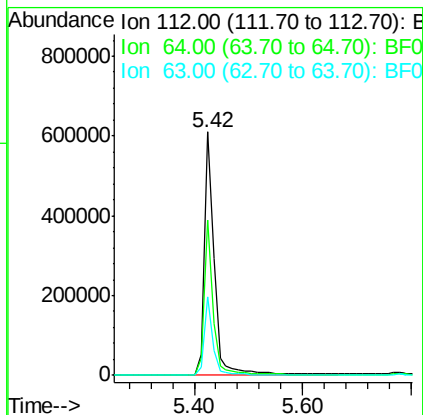
ClientSampleId :

ICVBF042216

Tot Ion:	112	Resp:	781952
Ion Ratio	Lower	Upper	
112	100		
64	63.6	52.1	78.1
63	32.3	25.7	38.5

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#6

Aniline

Concen: 39.55 ng

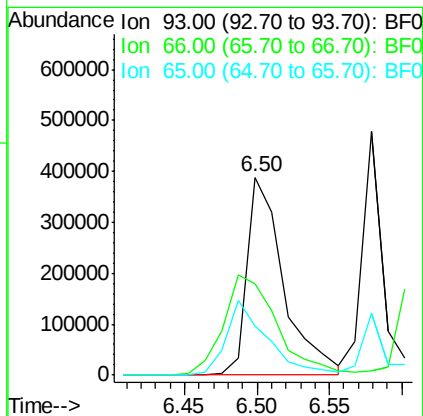
RT: 6.50 min Scan# 386

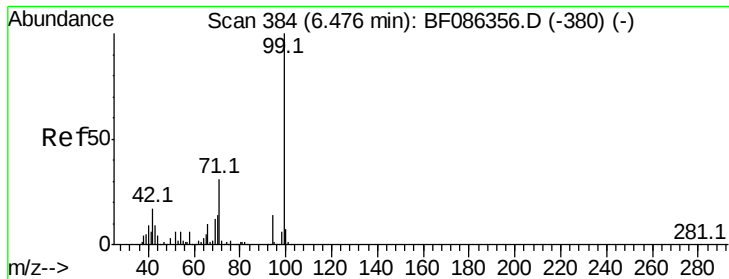
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	93	Resp:	680055
Ion Ratio	Lower	Upper	
93	100		
66	46.0	39.0	58.6
65	24.8	20.6	31.0





#7

Phenol-d6

Concen: 75.85 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion: 99 Resp: 1068686

Ion Ratio Lower Upper

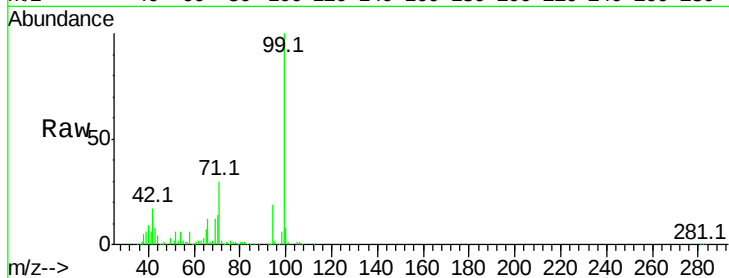
99 100

42 16.8 13.6 20.4

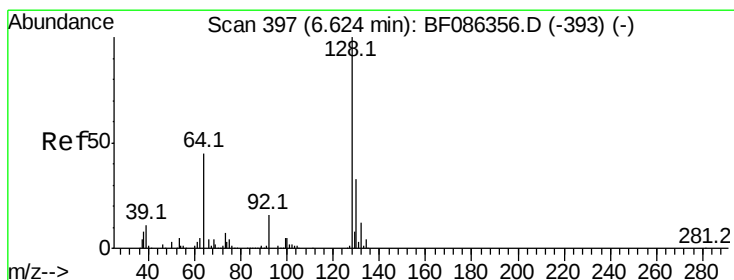
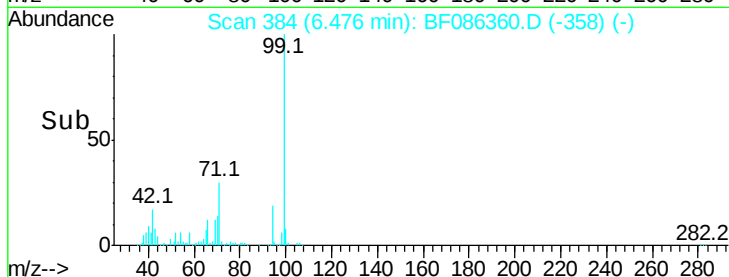
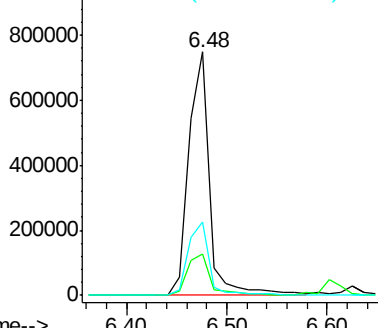
71 30.1 24.6 36.8

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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: 37.69 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

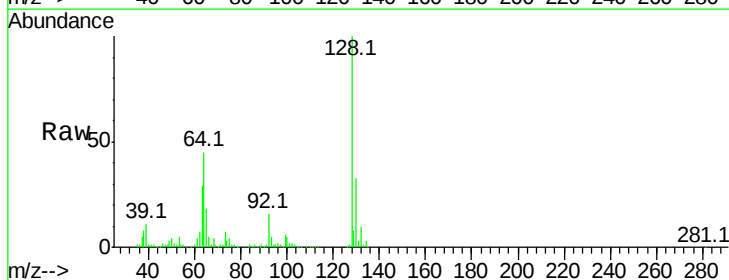
Tgt Ion: 128 Resp: 476899

Ion Ratio Lower Upper

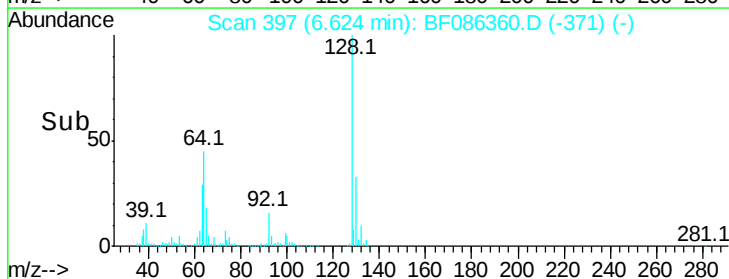
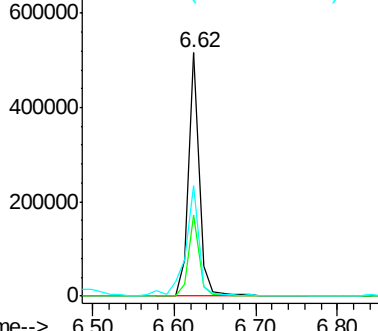
128 100

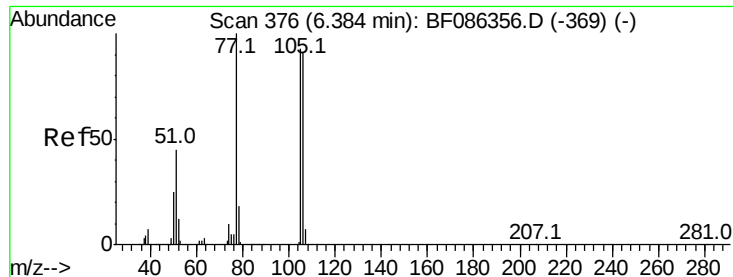
130 33.5 12.5 52.5

64 45.3 27.3 67.3



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: 41.25 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

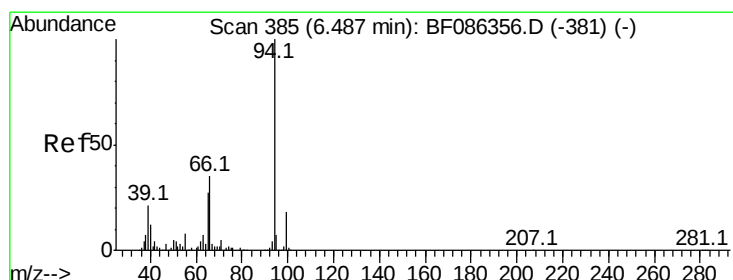
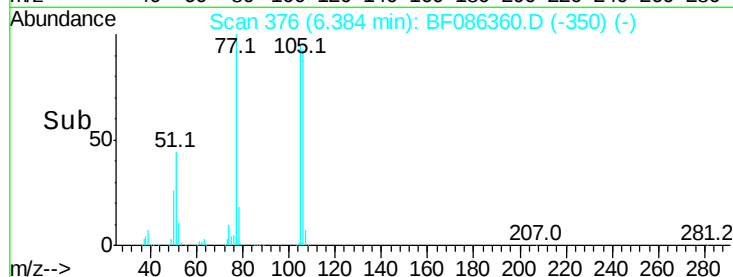
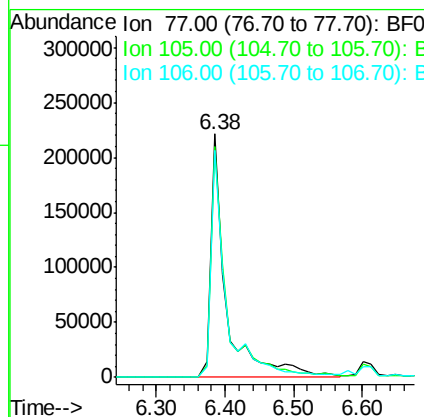
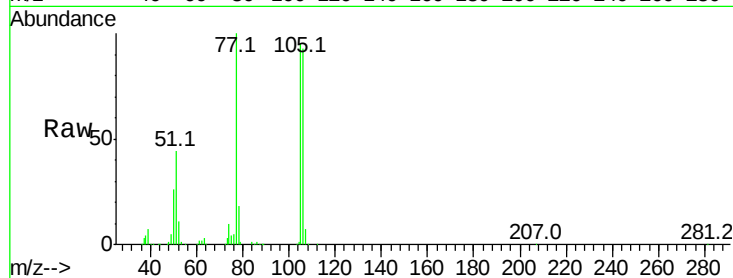
ClientSampleId :

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Tot Ion:	77	Resp:	352997
Ion Ratio	Lower	Upper	
77	100		
105	94.7	72.7	112.7
106	93.3	70.8	110.8

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#10

Phenol

Concen: 39.04 ng

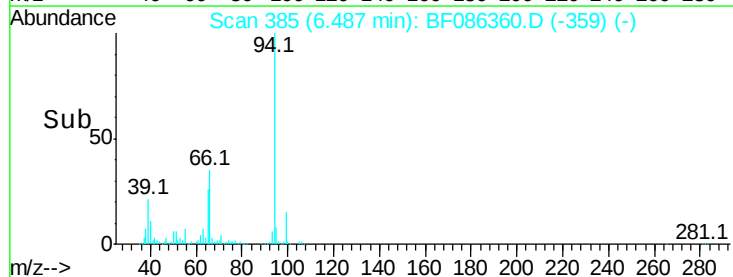
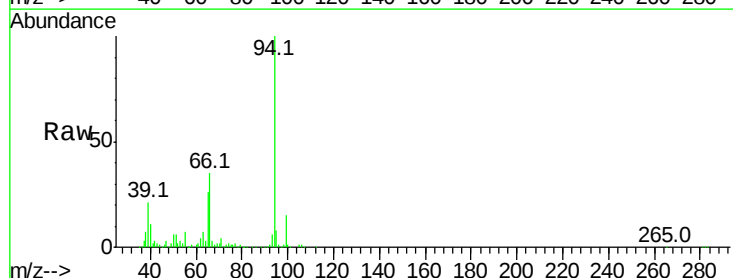
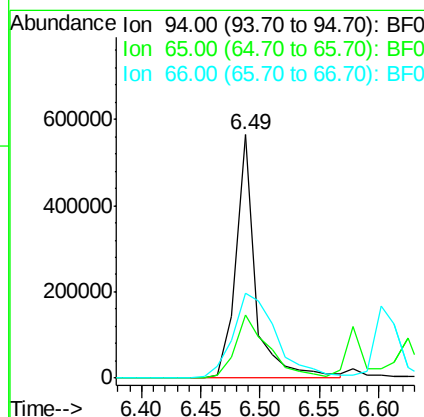
RT: 6.49 min Scan# 385

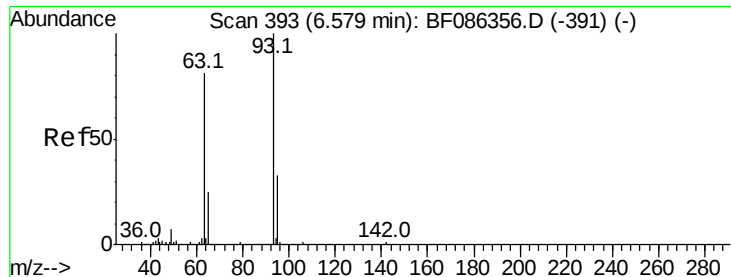
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	94	Resp:	649560
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.2	47.2
66	34.9	14.9	54.9





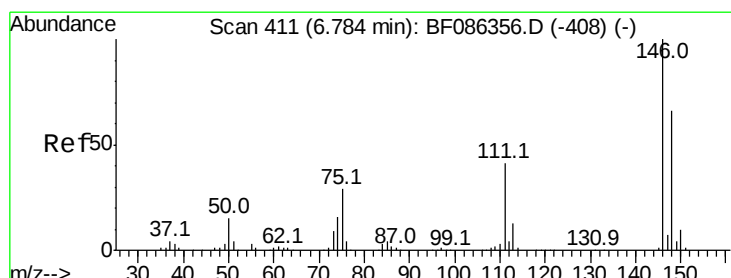
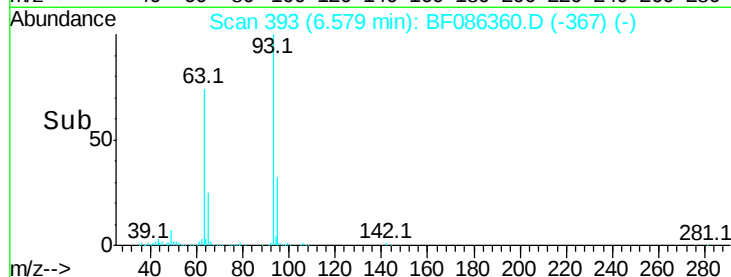
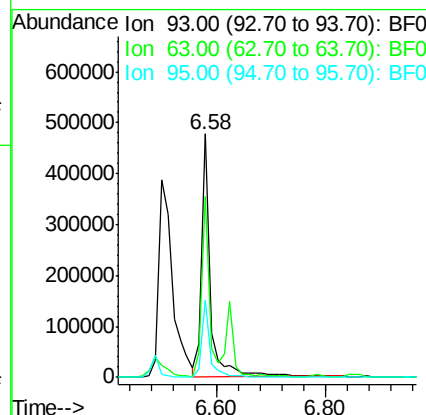
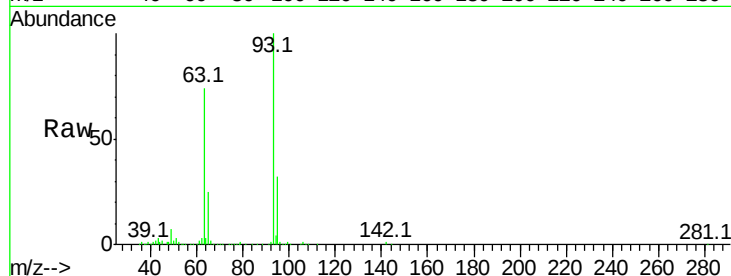
#11
bis(2-Chloroethyl)ether
Concen: 36.65 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	93	Resp	530796
Ion Ratio	100	Lower	Upper
93	100		
63	74.2	58.0	98.0
95	31.8	11.9	51.9

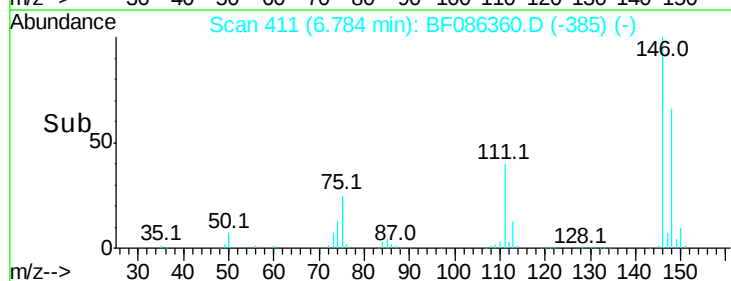
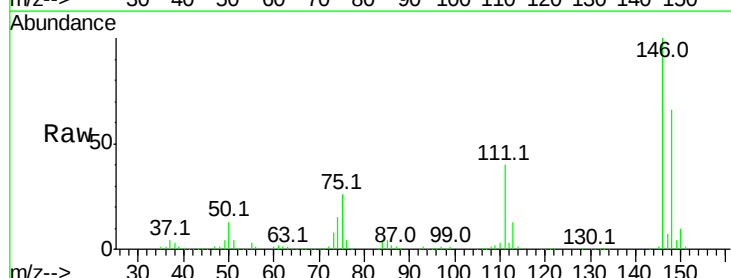
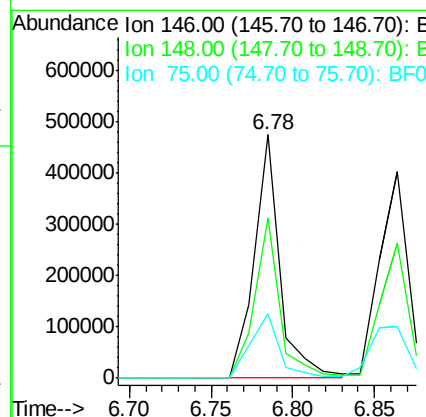
Manual Integrations
APPROVED

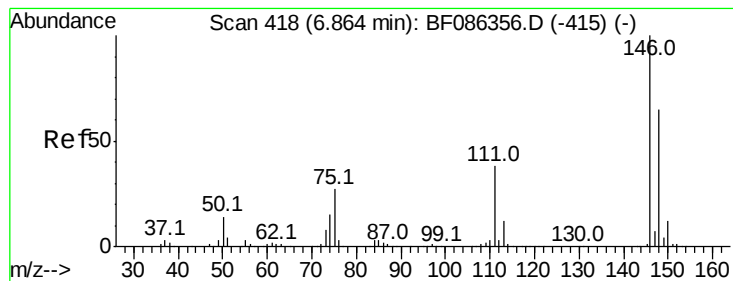
sohil
4/25/2016 12:35:39 PM



#12
1,3-Dichlorobenzene
Concen: 38.55 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	146	Resp	520185
Ion Ratio	100	Lower	Upper
146	100		
148	65.7	52.4	78.6
75	26.2	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 37.42 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

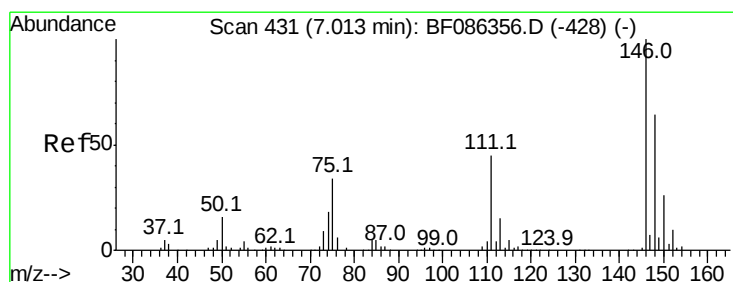
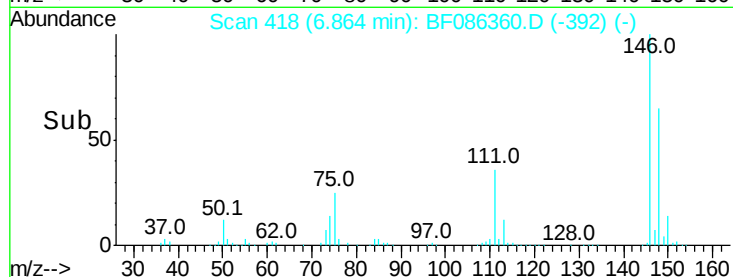
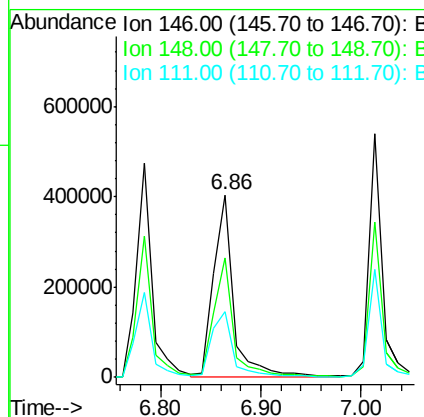
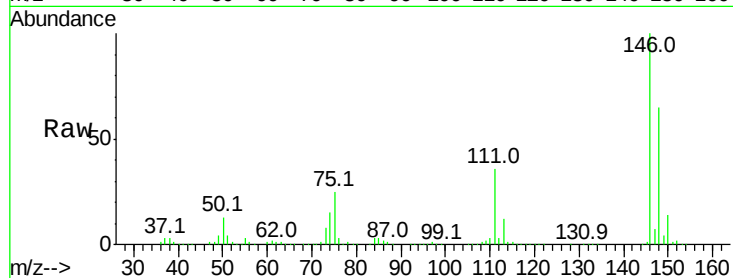
ClientSampleId :

ICVBF042216

Tot Ion:	146	Resp:	554684
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	36.1	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 37.93 ng

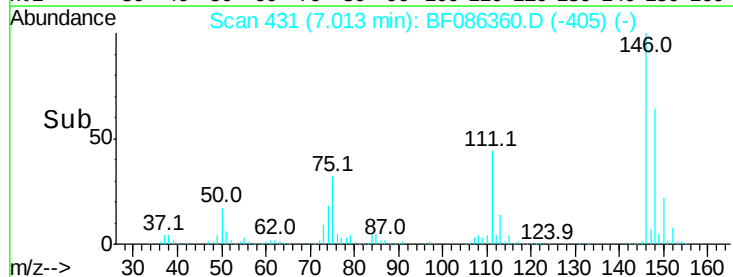
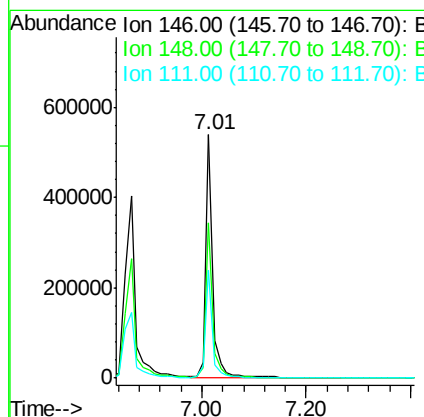
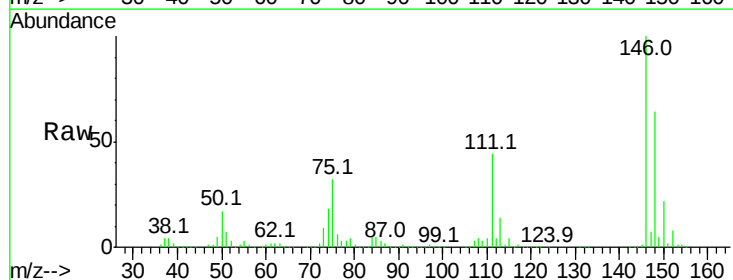
RT: 7.01 min Scan# 431

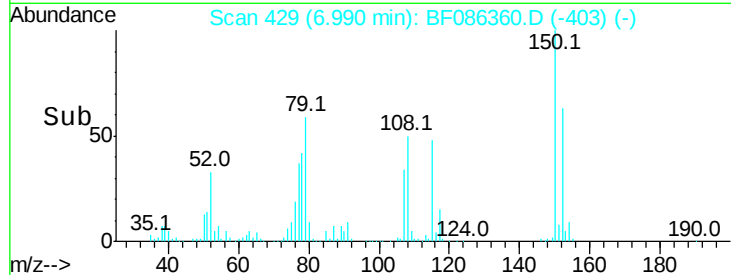
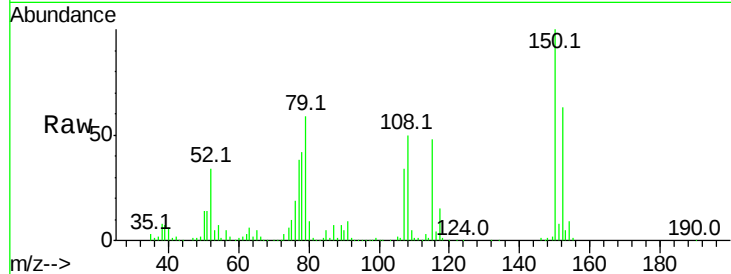
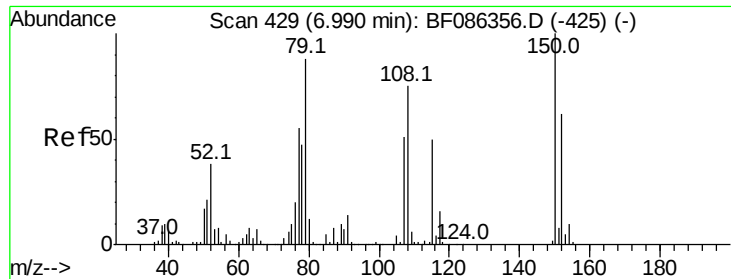
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	146	Resp:	510860
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.6
111	44.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.22 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tot Ion:	79	Resp:	327909
Ion Ratio	Lower	Upper	
79	100		
108	84.6	68.4	102.6
77	63.6	50.6	76.0

Instrument :

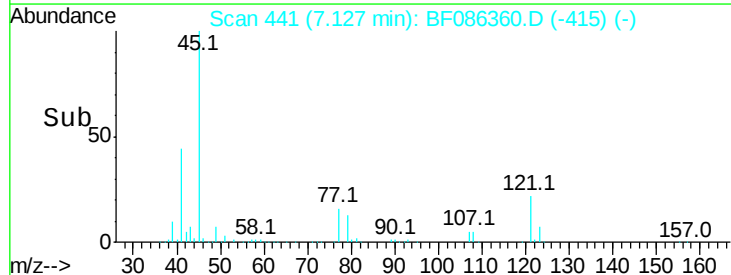
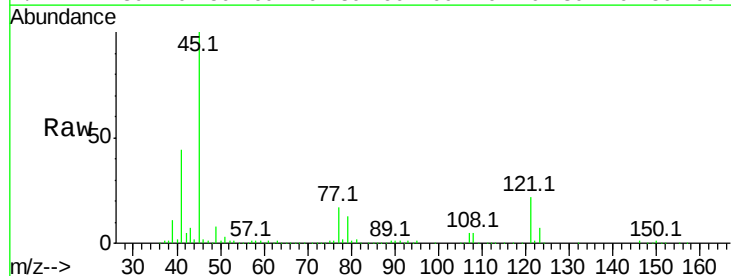
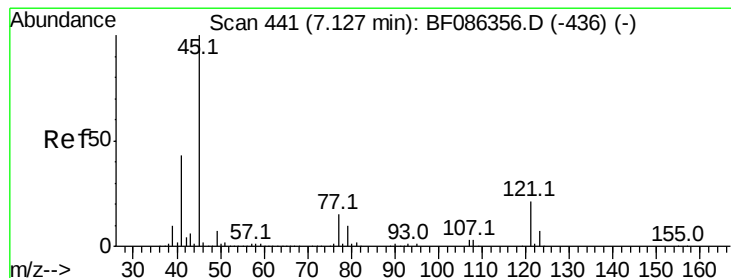
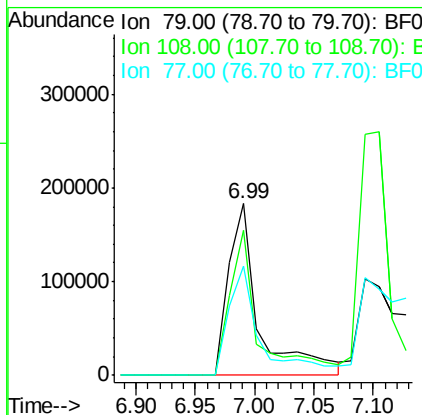
BNA_F

ClientSampleId :

ICVBF042216

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.11 ng

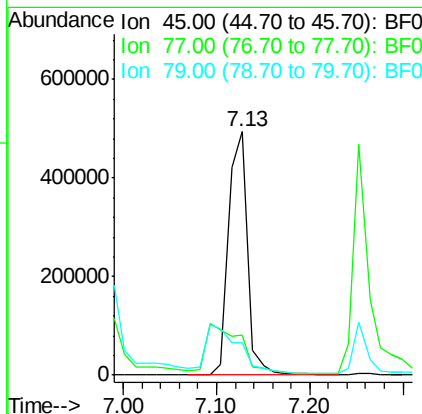
RT: 7.13 min Scan# 441

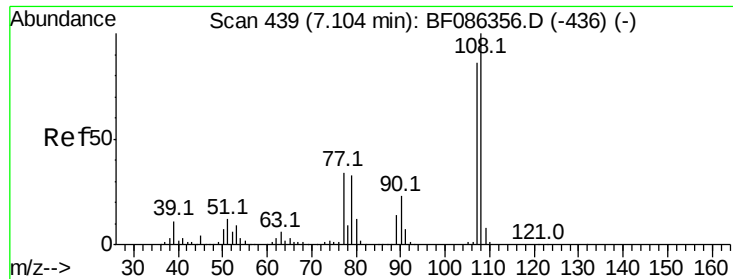
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	45	Resp:	704562
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	36.4
79	13.2	0.0	33.4





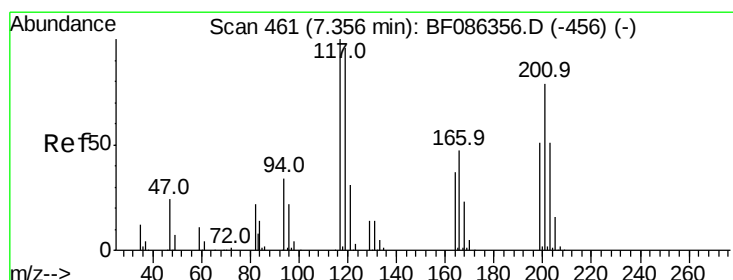
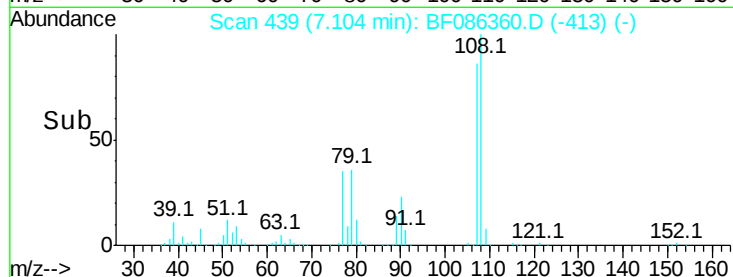
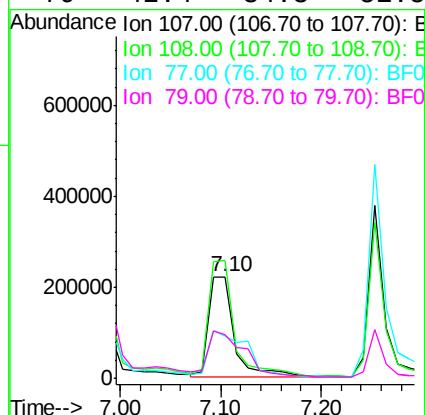
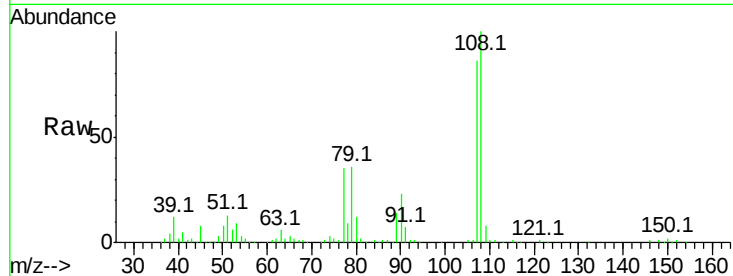
#17
2-Methylphenol
Concen: 38.12 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion:	107	Resp:	395251
Ion Ratio	Lower	Upper	
107	100		
108	116.6	93.7	140.5
77	41.3	33.4	50.0
79	42.4	34.3	51.5

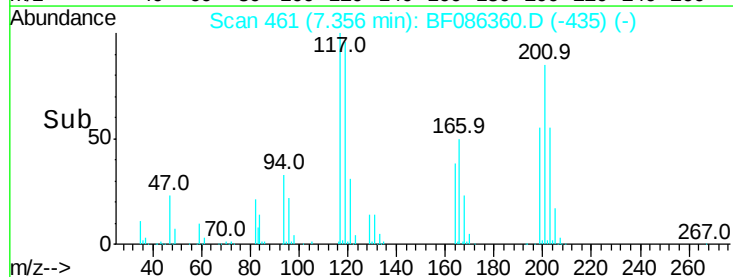
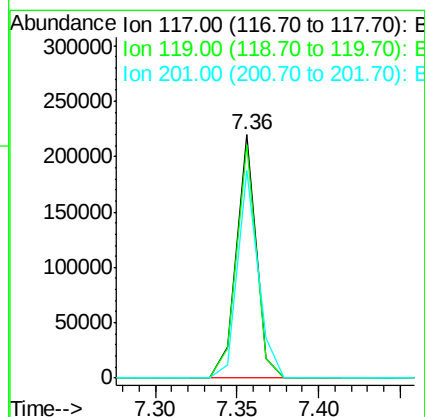
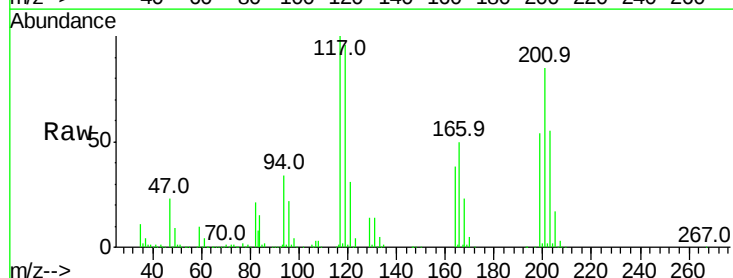
Manual Integrations
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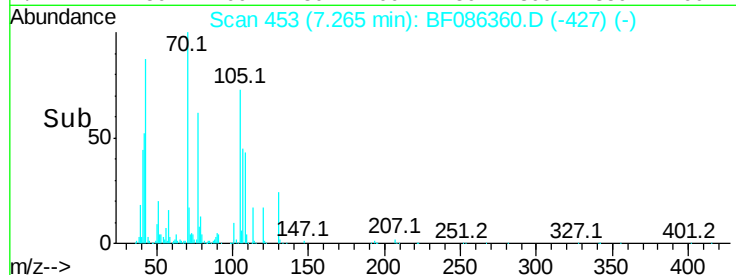
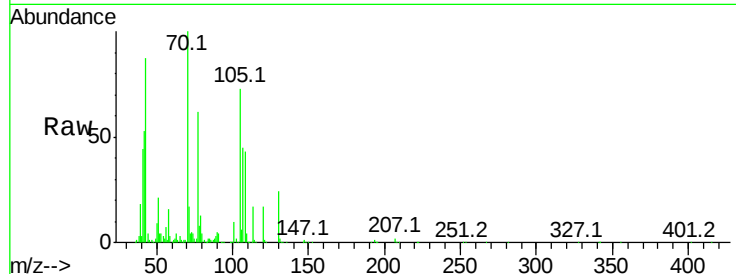
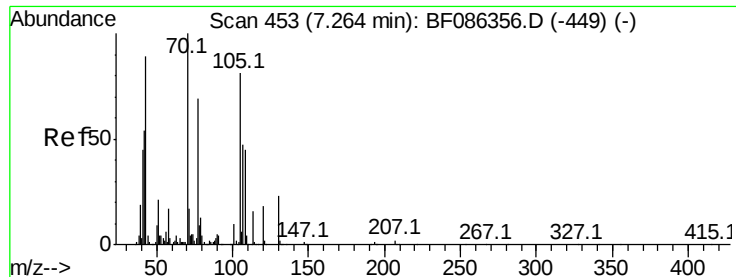
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#18
Hexachloroethane
Concen: 36.66 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion:	117	Resp:	183046
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.5	114.7
201	85.1	63.0	94.6





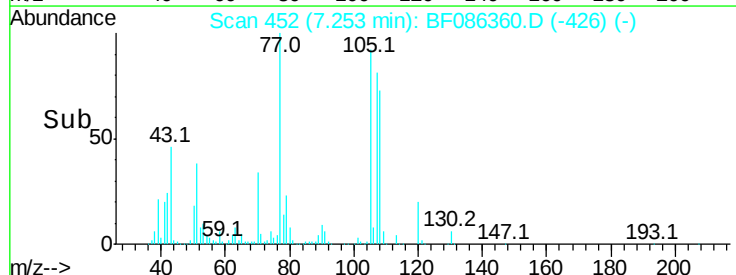
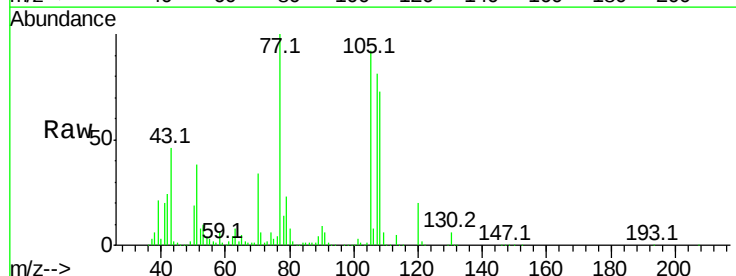
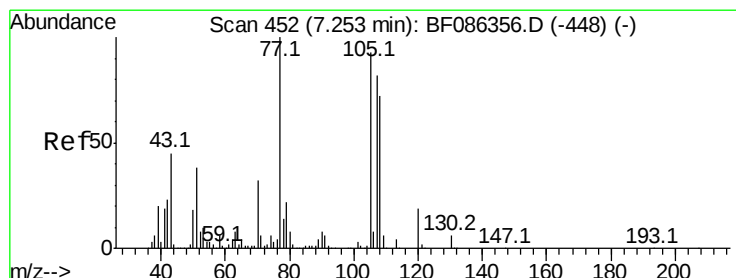
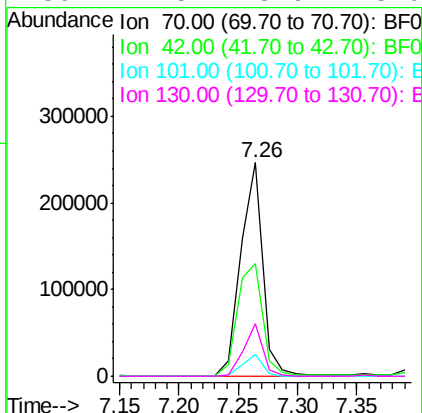
#19
n-Nitroso-di-n-propylamine
Concen: 38.23 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.5	43.1	64.7		
101	10.2	8.1	12.1		
130	24.5	18.6	28.0		

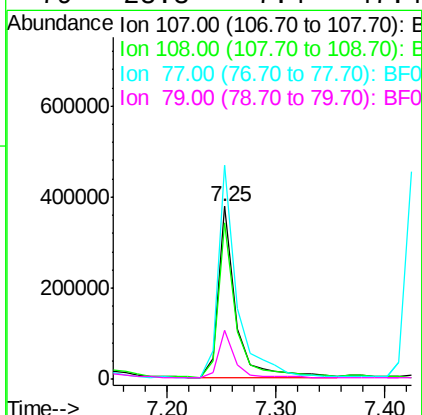
Manual Integrations
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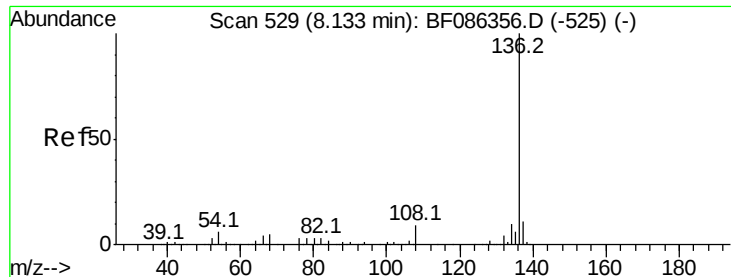
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#20
3+4-Methylphenols
Concen: 38.51 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.7	68.5	108.5		
77	123.7	101.6	141.6		
79	28.3	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

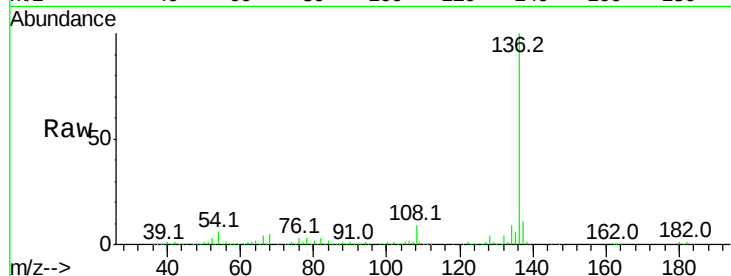
ClientSampleId :

ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
136	100	766724		
137	10.7		8.8	13.2
54	5.5		5.0	7.4
68	5.1		4.4	6.6

Manual Integrations
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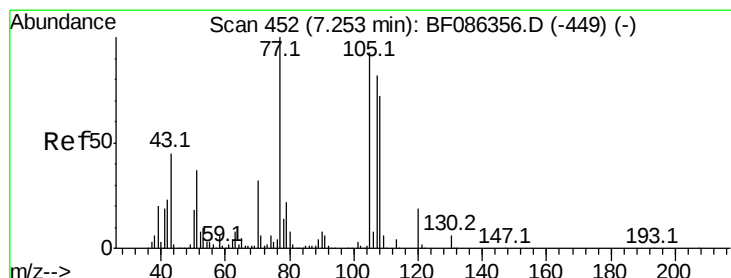
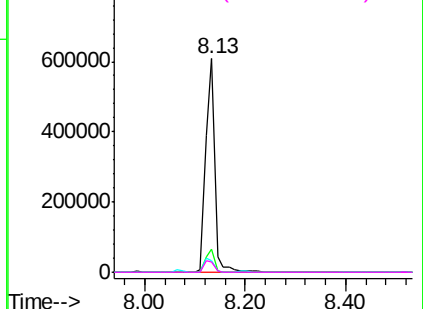
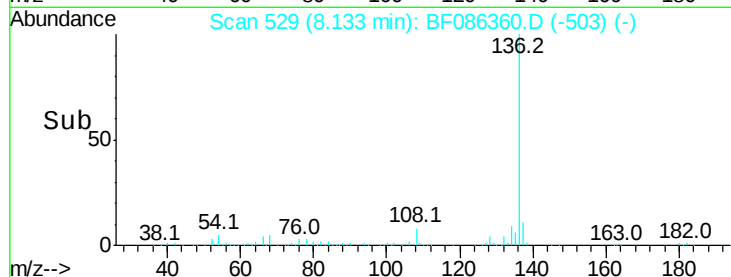


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.95 ng

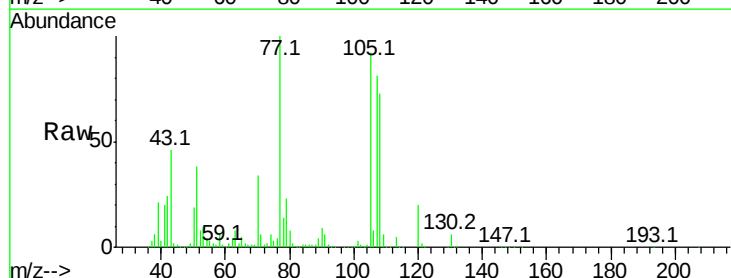
RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594273		
71	6.0		4.8	7.2
51	41.5		32.6	49.0
120	21.3		16.5	24.7

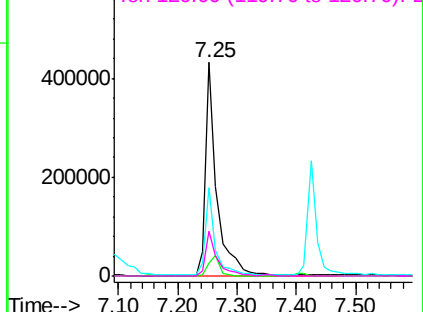
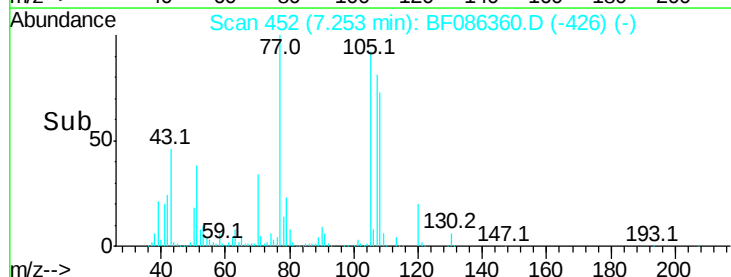


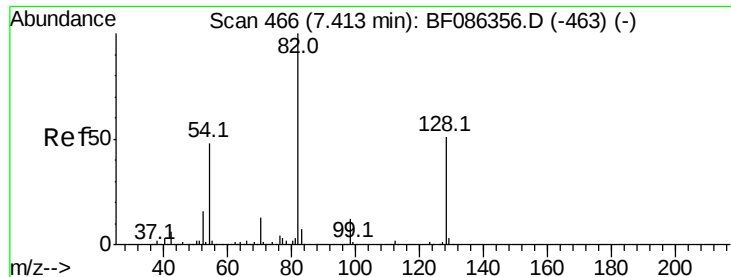
Abundance Ion 105.00 (104.70 to 105.70): E

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





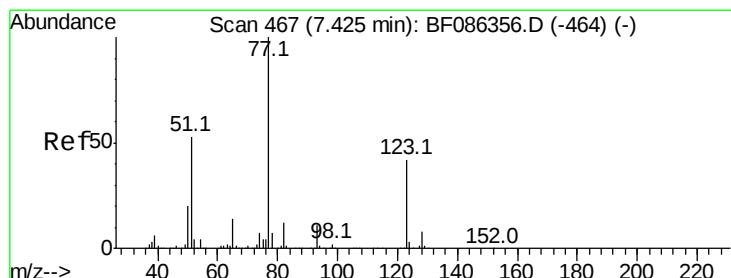
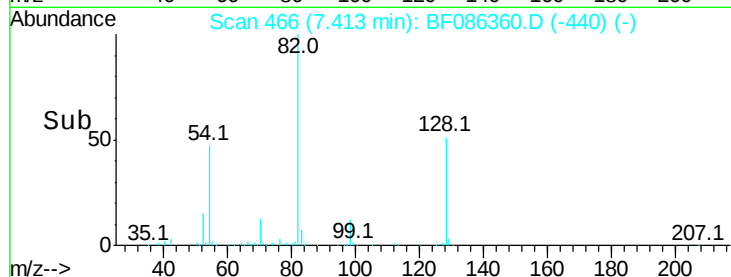
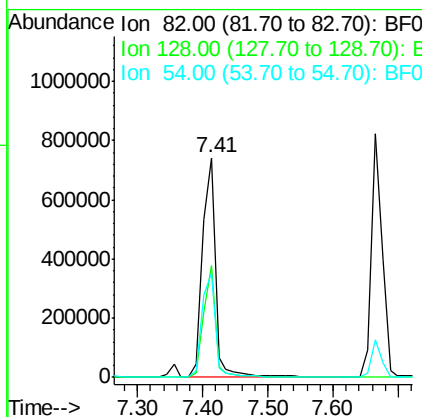
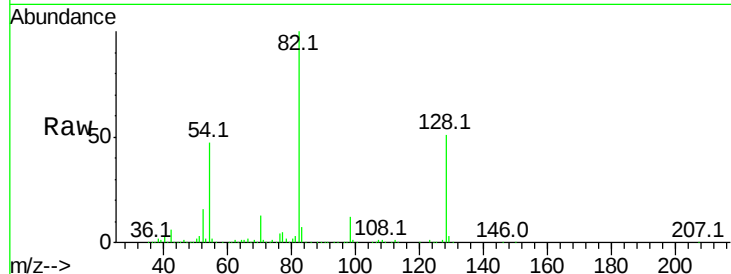
#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion: 82 Resp: 1025226
 Ion Ratio Lower Upper
 82 100
 128 51.1 40.6 61.0
 54 47.2 38.1 57.1

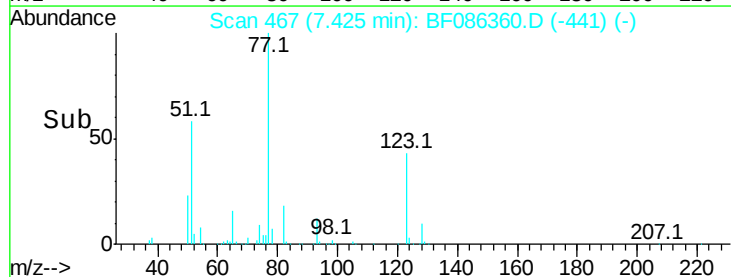
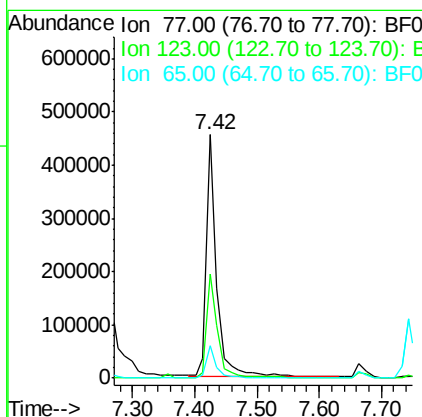
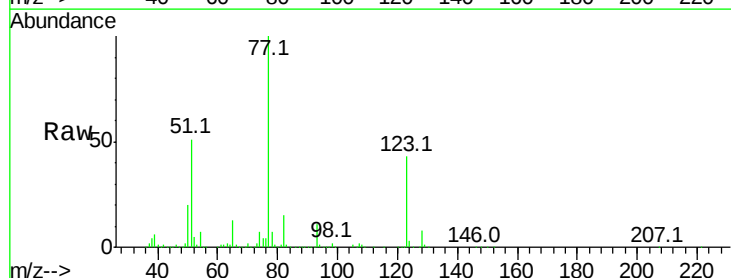
Manual Integrations
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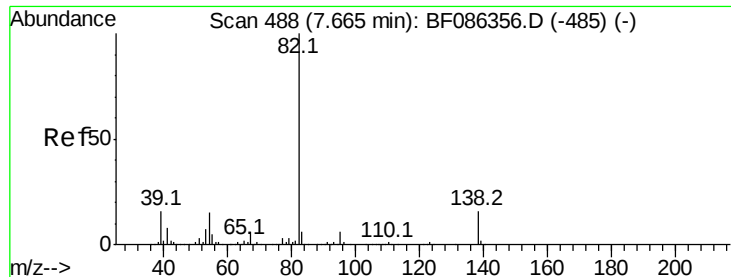
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#24
 Nitrobenzene
 Concen: 38.01 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion: 77 Resp: 527722
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 13.1 10.8 16.2





#25

Isophorone

Concen: 36.17 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

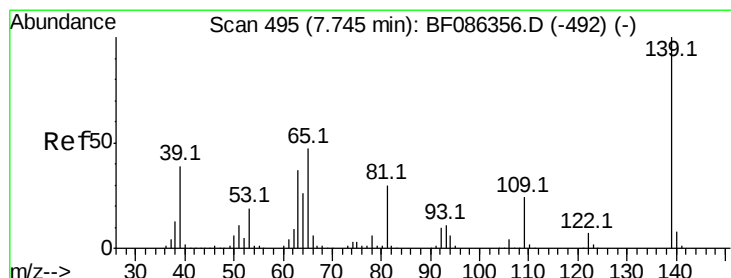
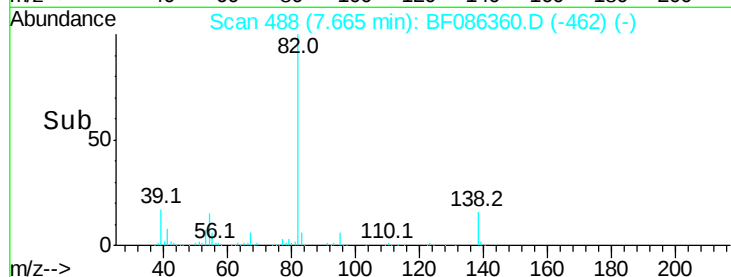
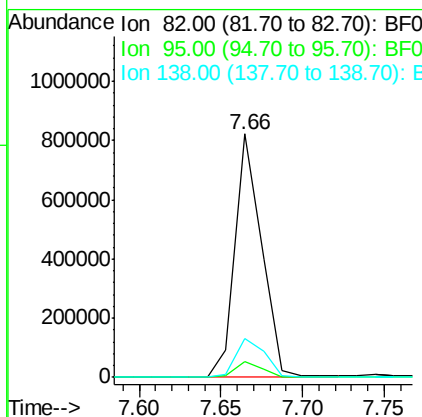
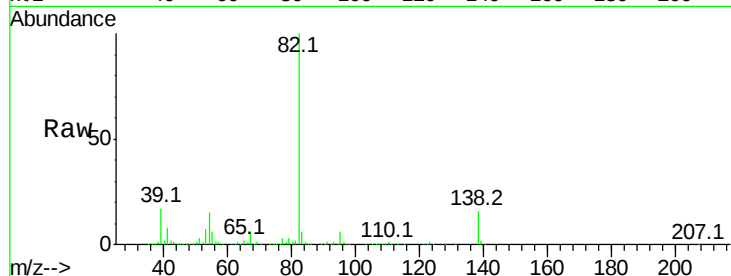
ClientSampleId :

ICVBF042216

Tot Ion:	82	Resp:	917527
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.1	7.7
138	15.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.38 ng

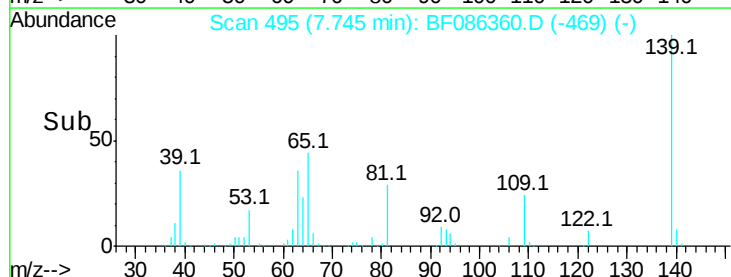
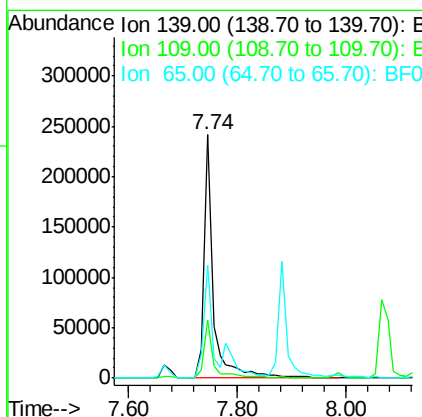
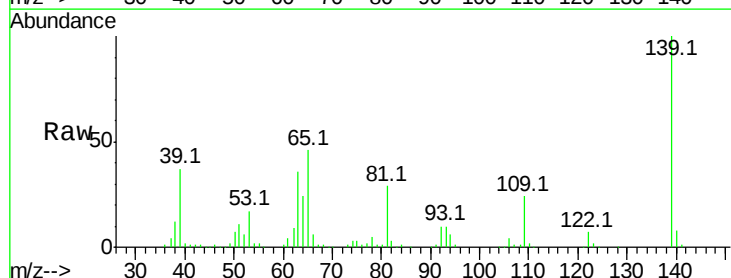
RT: 7.74 min Scan# 495

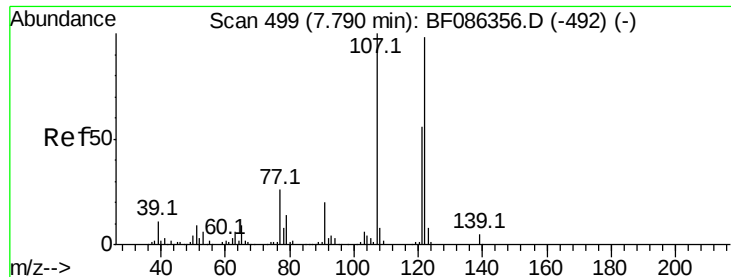
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	139	Resp:	283835
Ion Ratio	Lower	Upper	
139	100		
109	24.0	19.5	29.3
65	46.3	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 37.86 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

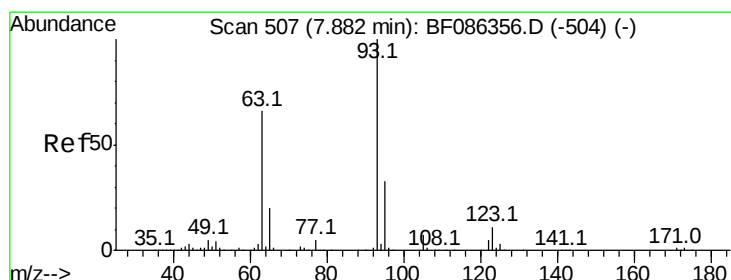
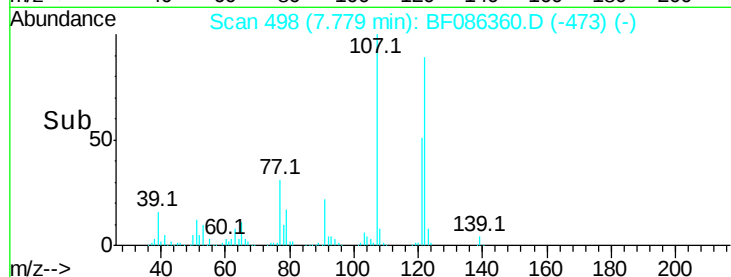
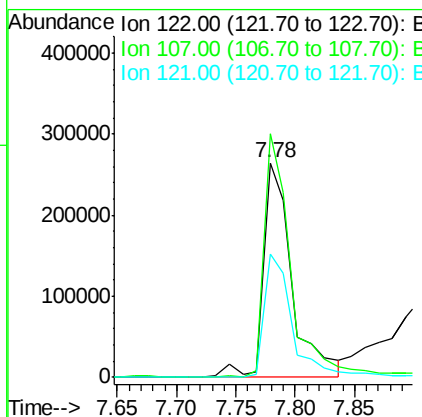
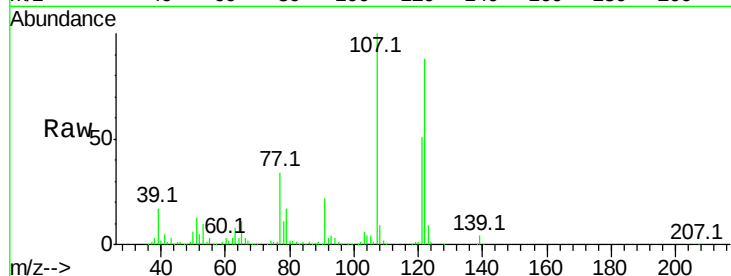
ClientSampleId :

ICVBF042216

Tot Ion:	122	Resp:	444744
Ion Ratio	Lower	Upper	
122	100		
107	113.5	82.0	123.0
121	57.4	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 38.45 ng

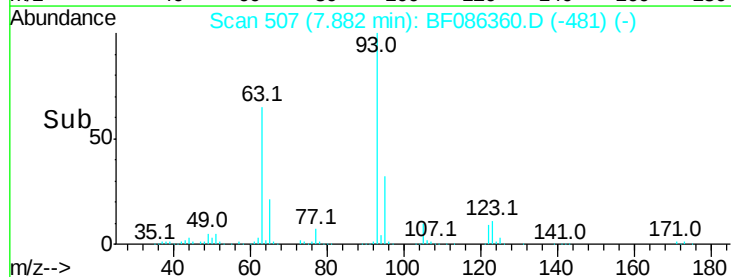
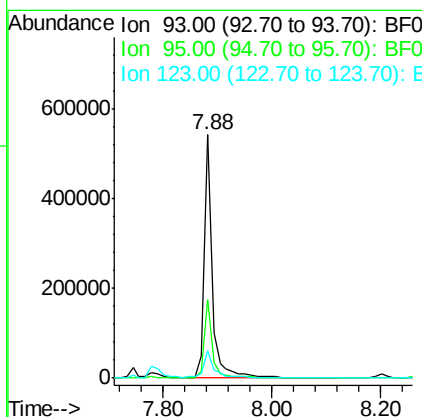
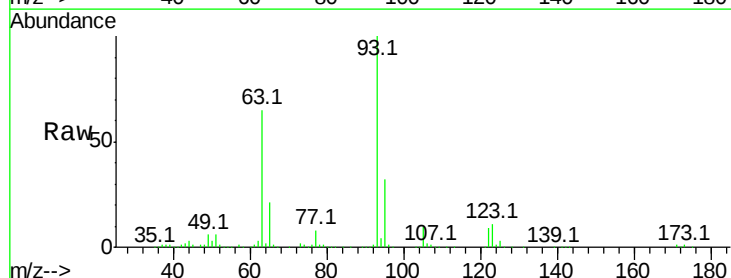
RT: 7.88 min Scan# 507

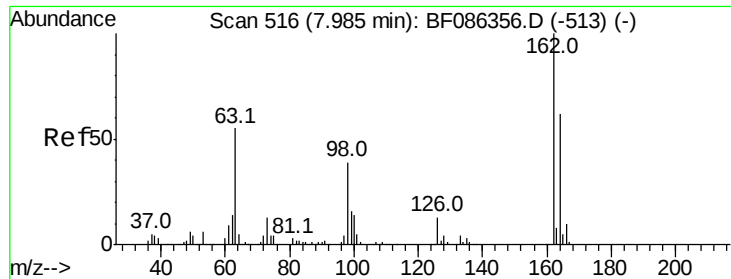
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	93	Resp:	544529
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	11.4	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 40.84 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

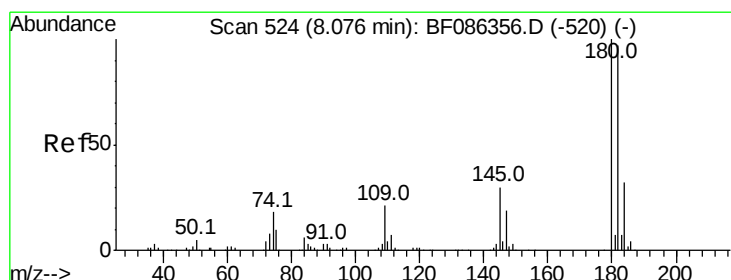
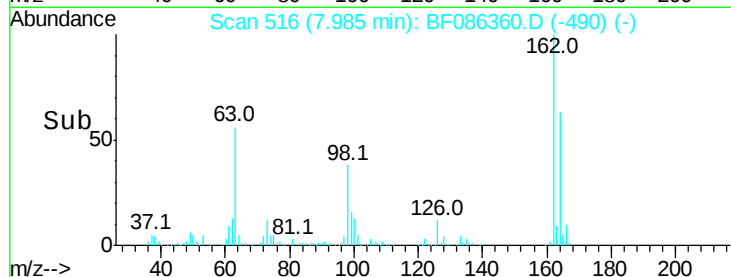
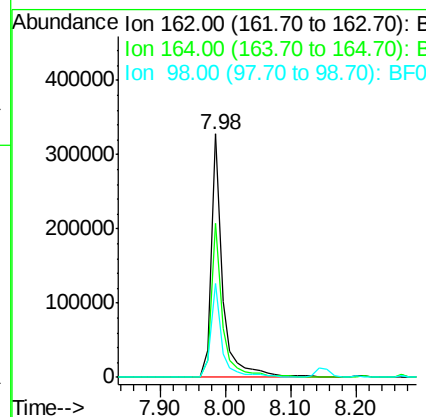
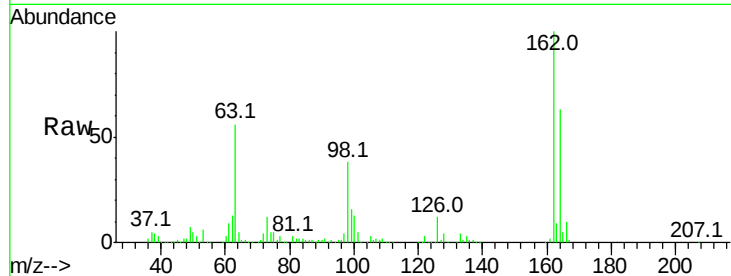
ClientSampleId :

ICVBF042216

Tot Ion:	162	Resp:	396511
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.2	82.2
98	38.3	19.0	59.0

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 38.62 ng

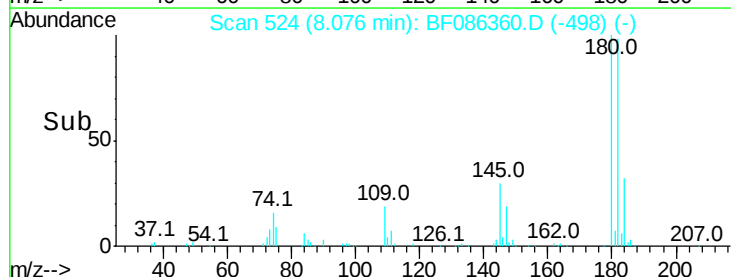
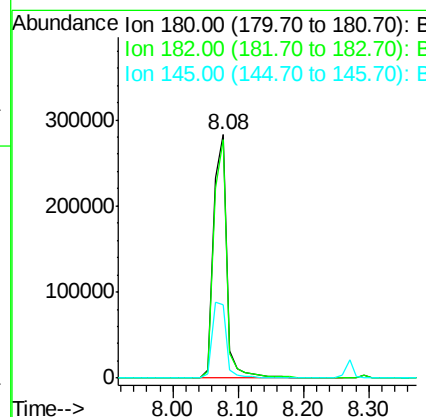
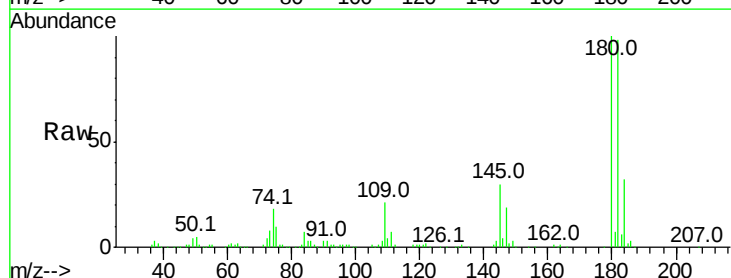
RT: 8.08 min Scan# 524

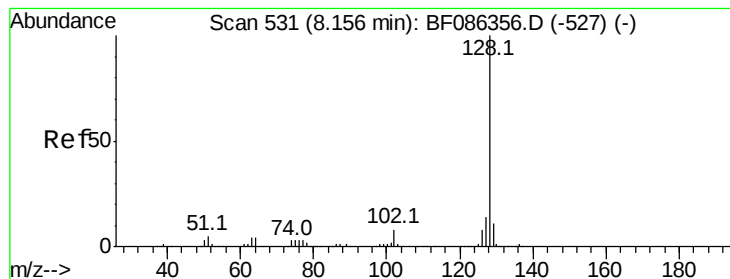
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	180	Resp:	407275
Ion Ratio	Lower	Upper	
180	100		
182	98.0	78.0	117.0
145	30.4	24.2	36.2





#31

Naphthalene

Concen: 37.13 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:128 Resp: 1450140

Ion Ratio Lower Upper

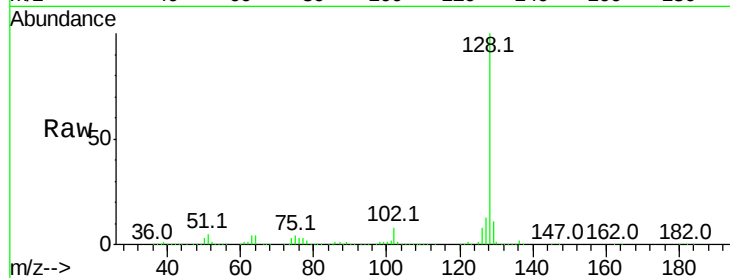
128 100

129 10.9 8.6 13.0

127 13.1 10.8 16.2

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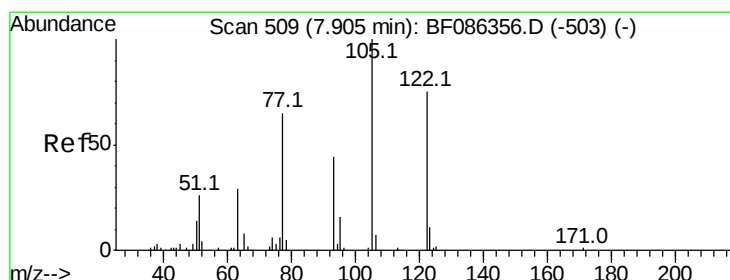
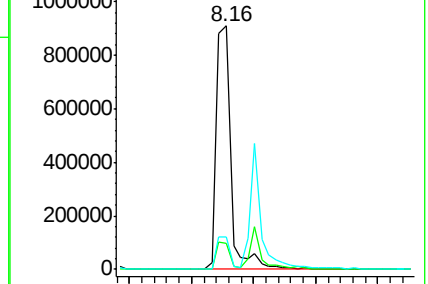
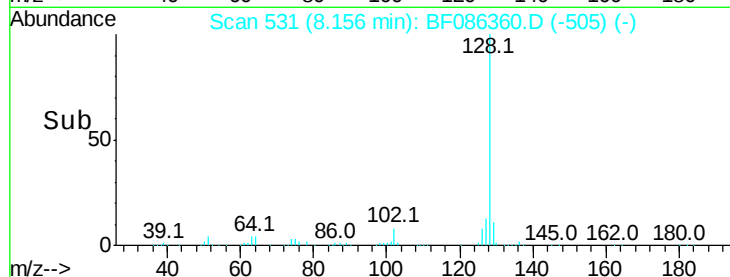
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.43 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

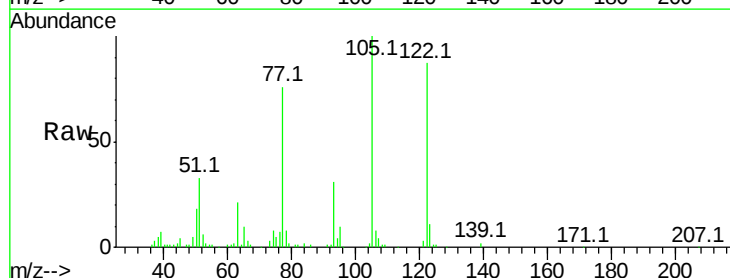
Tgt Ion:122 Resp: 296082

Ion Ratio Lower Upper

122 100

105 115.1 92.6 132.6

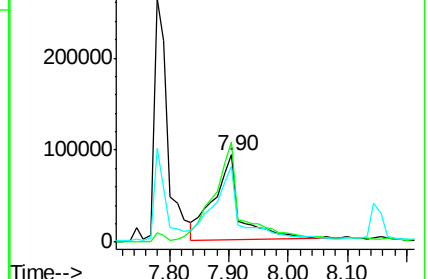
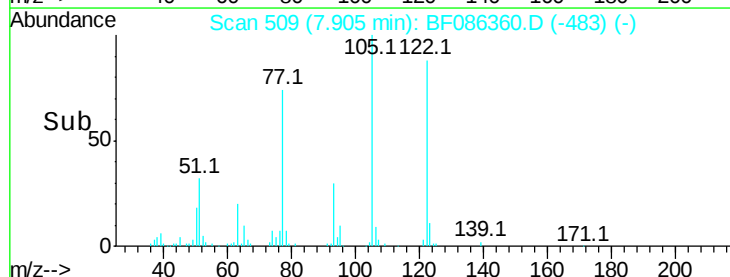
77 87.7 60.0 100.0

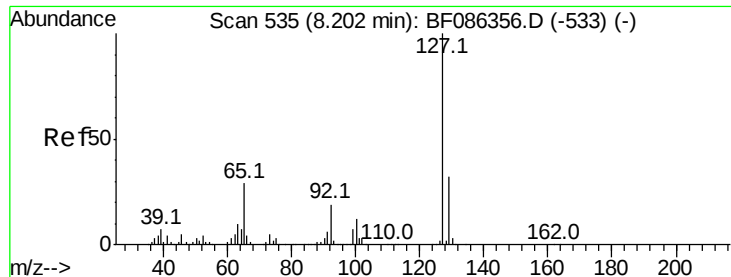


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





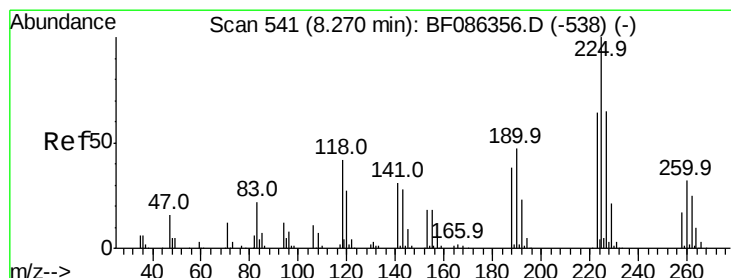
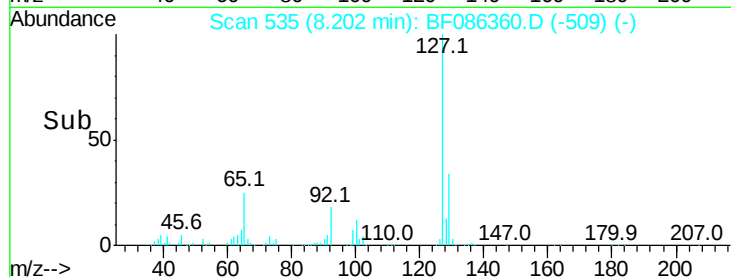
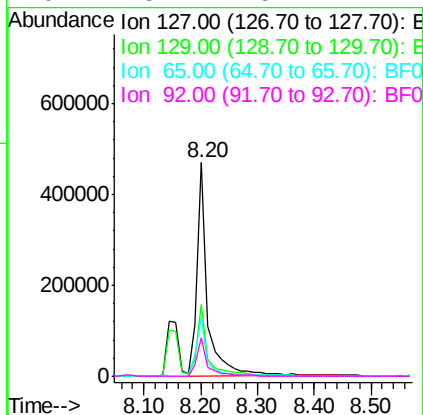
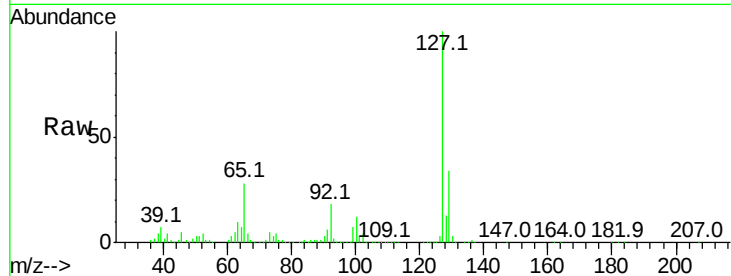
#33
4-Chloroaniline
Concen: 39.68 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
127	100	603672		
129	33.6	26.2	39.4	
65	27.6	23.0	34.4	
92	18.2	15.1	22.7	

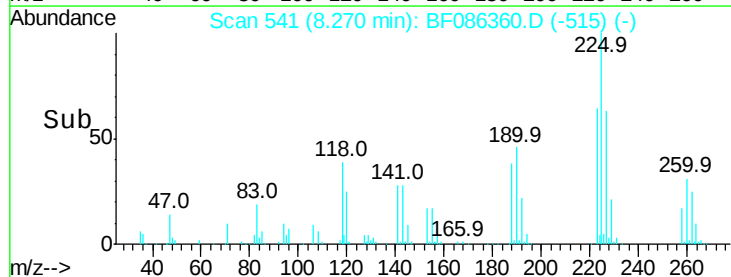
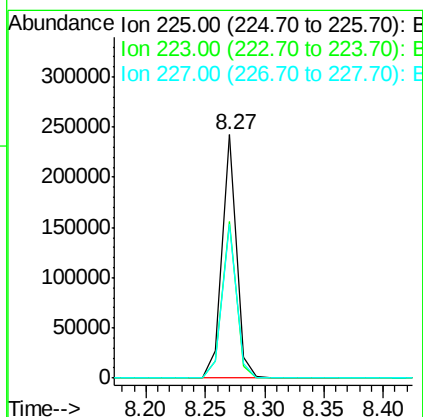
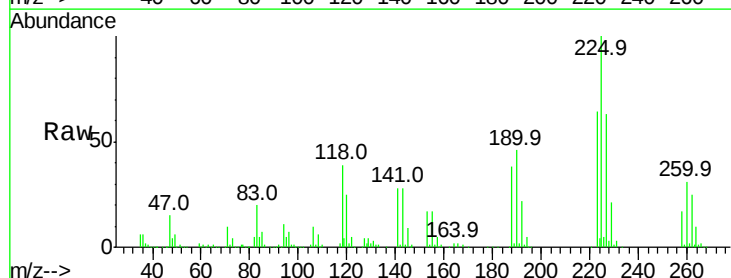
Manual Integrations
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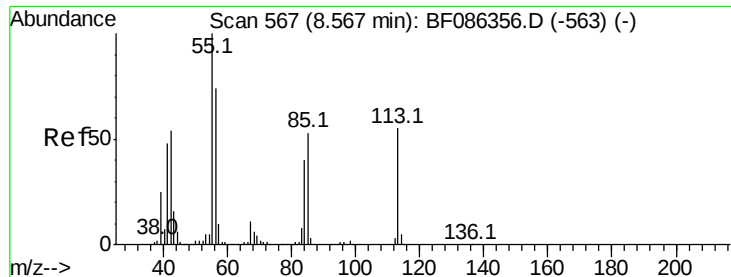
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#34
Hexachlorobutadiene
Concen: 38.35 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	201953		
223	64.2	51.5	77.3	
227	63.2	52.2	78.2	





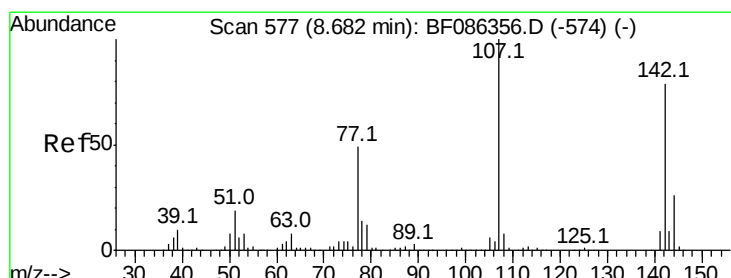
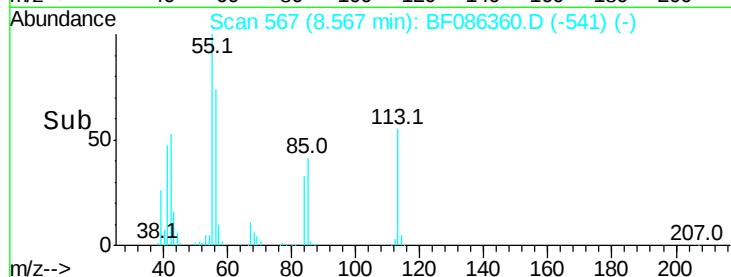
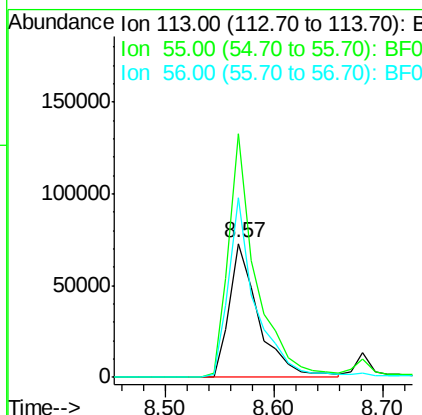
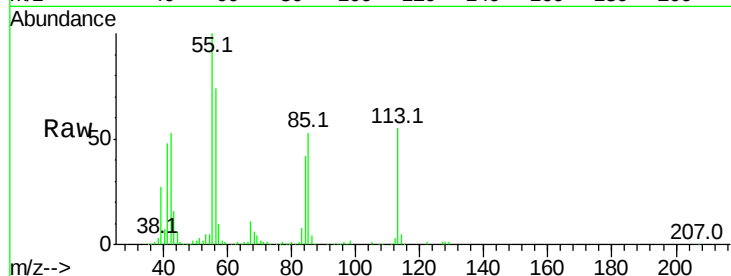
#35
Caprolactam
Concen: 39.22 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	182.3	162.0	202.0	
56	134.1	115.3	155.3	

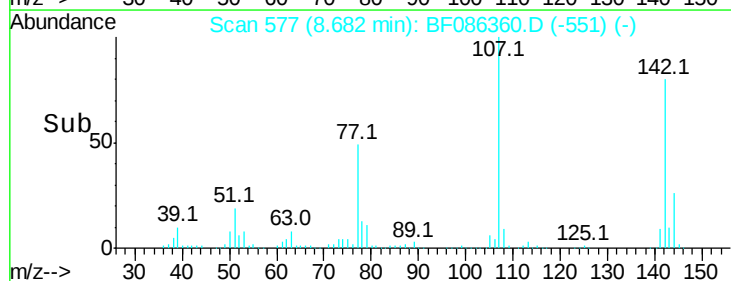
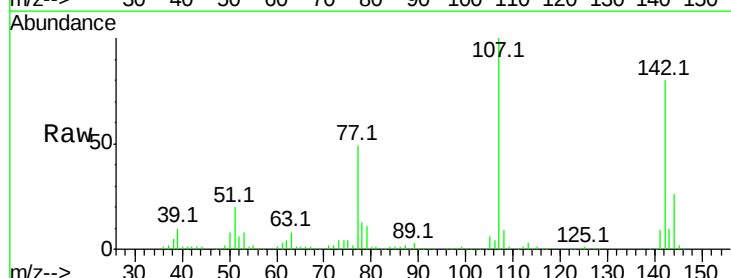
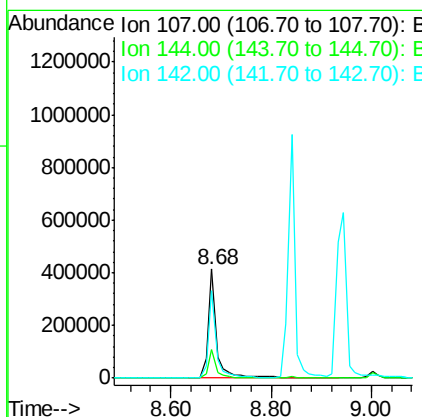
Manual Integrations
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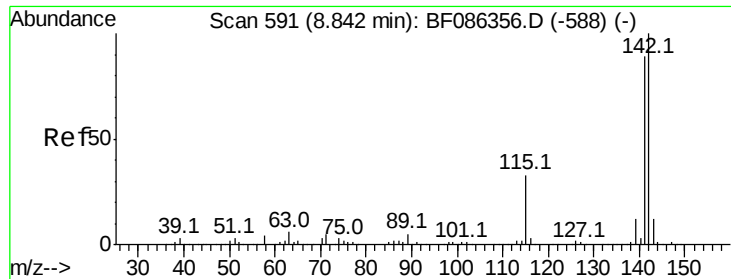
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#36
4-Chloro-3-methylphenol
Concen: 41.01 ng
RT: 8.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.8	20.7	31.1	
142	79.9	63.2	94.8	





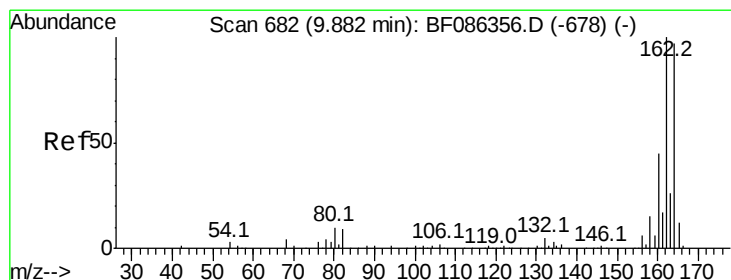
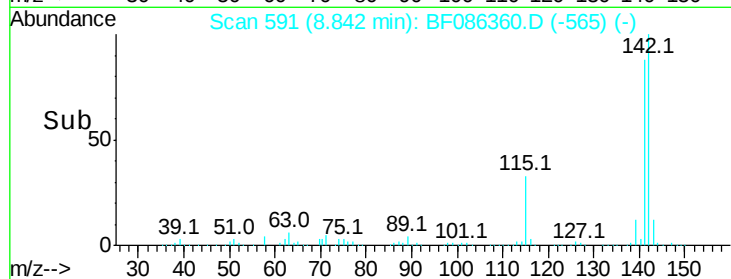
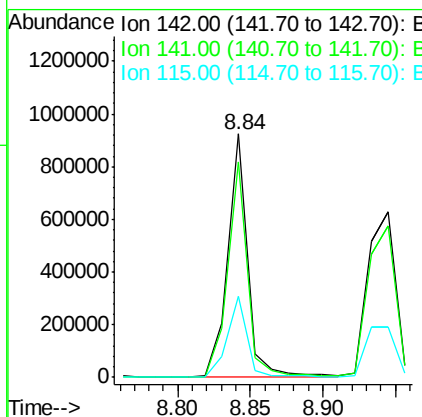
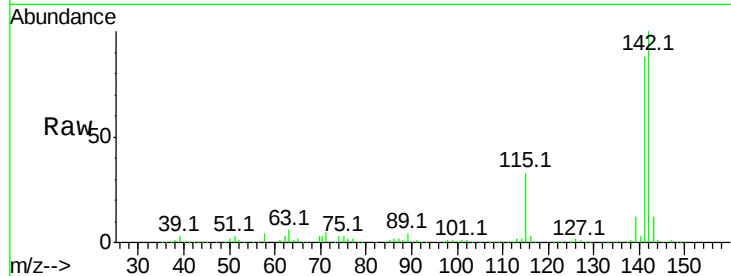
#37
2-Methylnaphthalene
Concen: 39.07 ng
RT: 8.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
142	100	880083		
141	88.3		71.0	106.6
115	33.3		26.6	39.8

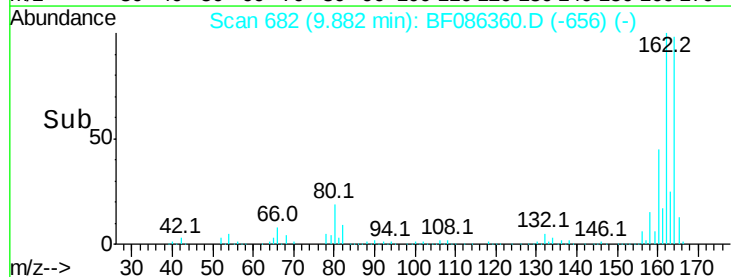
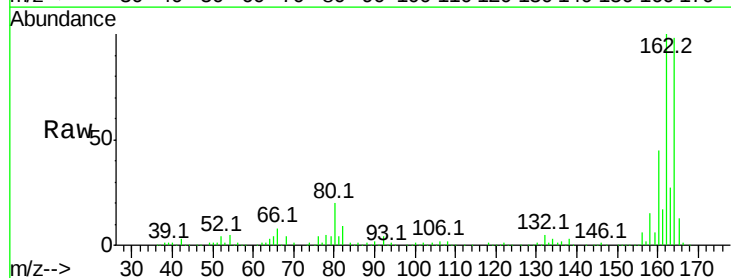
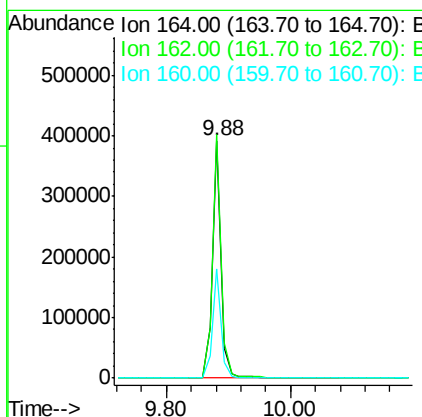
Manual Integrations
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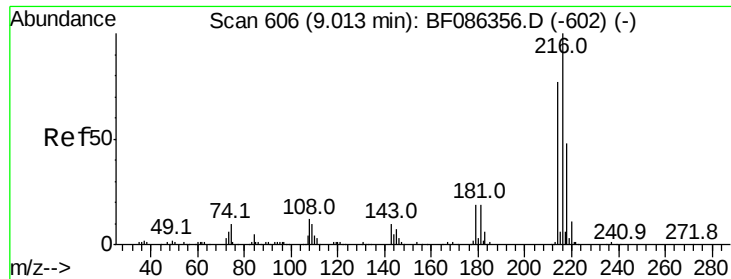
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	376064		
162	102.4		82.8	124.2
160	46.0		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.68 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

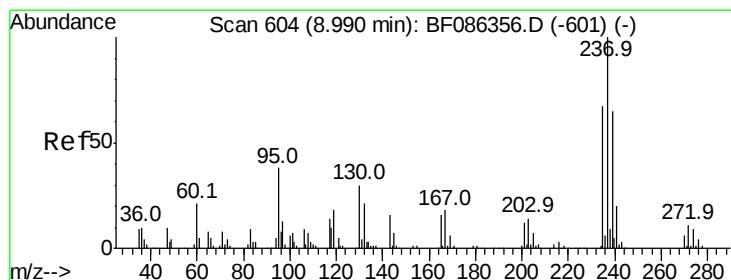
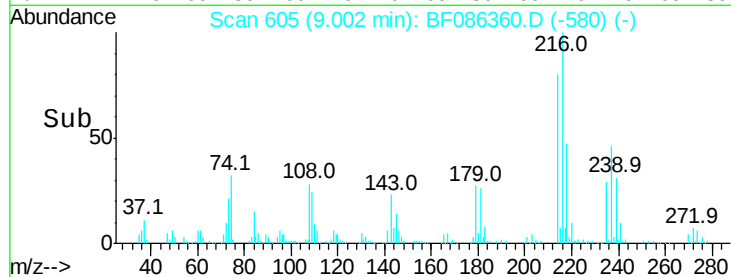
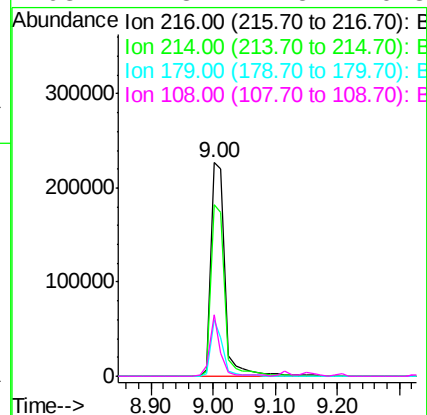
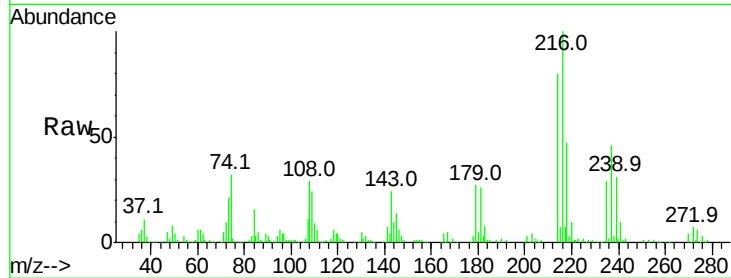
ClientSampleId :

ICVBF042216

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		356827		
214	79.1		62.6	93.8	
179	22.6		18.2	27.4	
108	21.8		17.5	26.3	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 40.01 ng

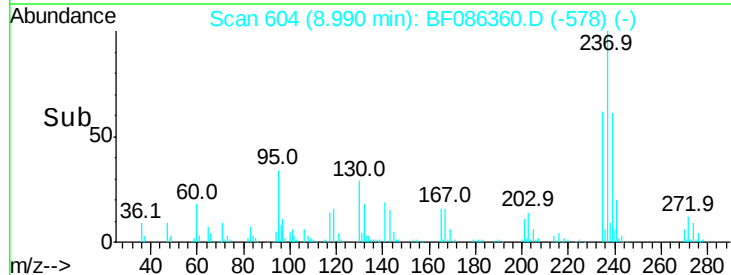
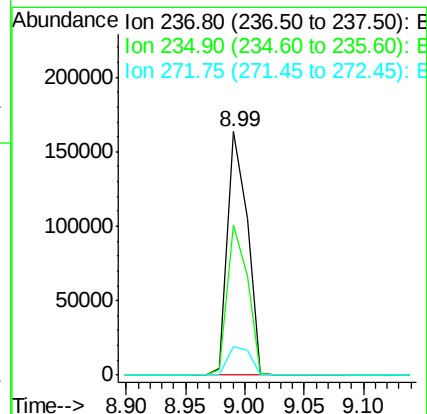
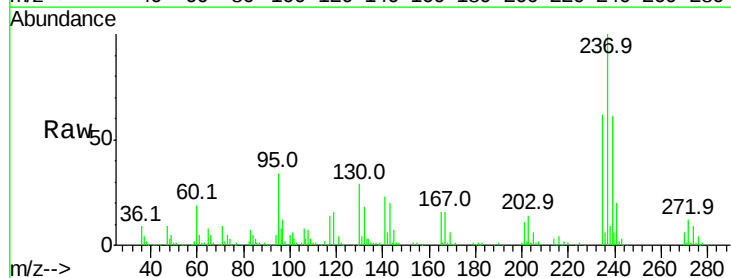
RT: 8.99 min Scan# 604

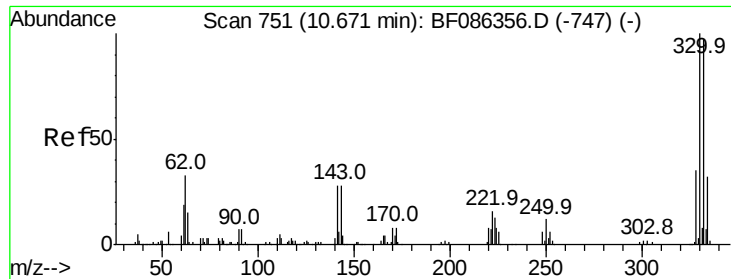
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		190126		
235	61.7		47.2	87.2	
272	11.6		0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 78.92 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

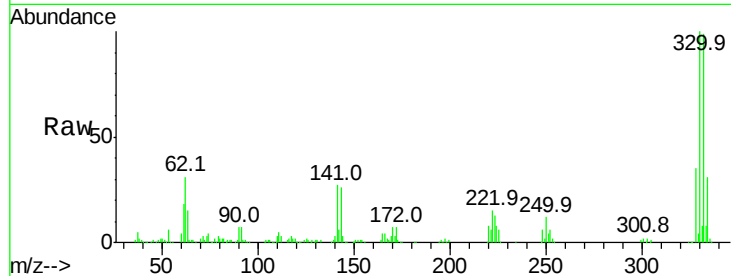
ClientSampleId :

ICVBF042216

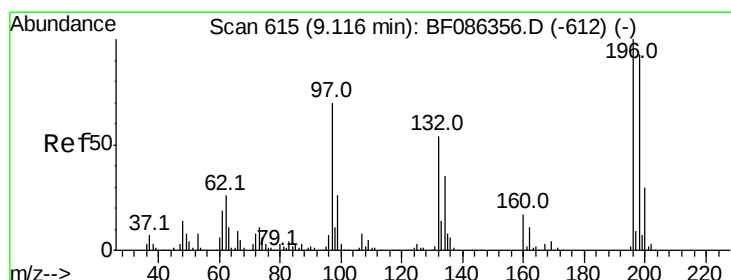
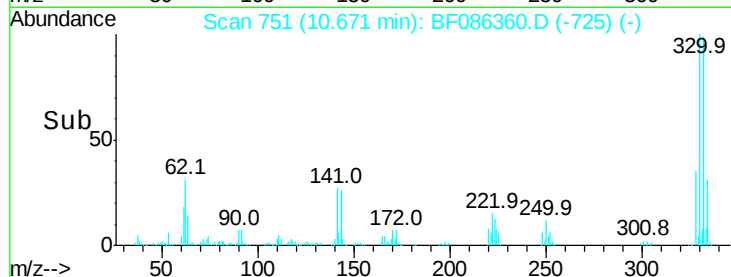
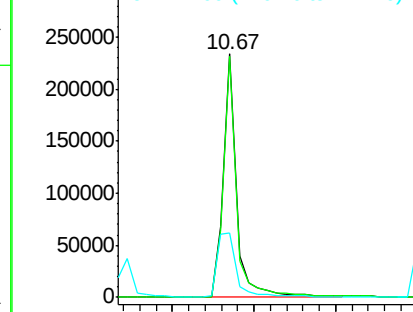
Tot Ion:	330	Resp:	268654
Ion Ratio	Lower	Upper	
330	100		
332	98.7	79.0	118.4
141	38.2	31.2	46.8

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: 40.98 ng

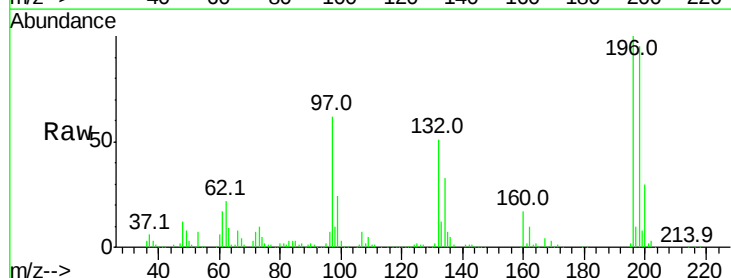
RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

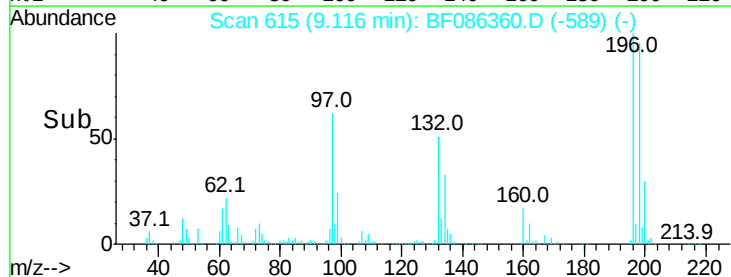
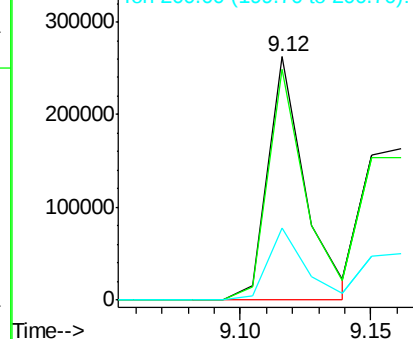
Lab File: BF086360.D

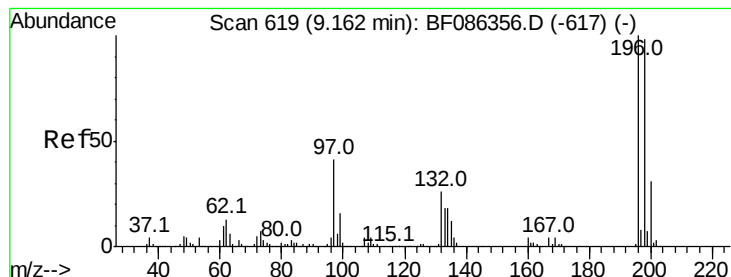
Acq: 22 Apr 2016 22:51

Tgt Ion:	196	Resp:	261459
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.7	112.1
200	29.8	23.8	35.6



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





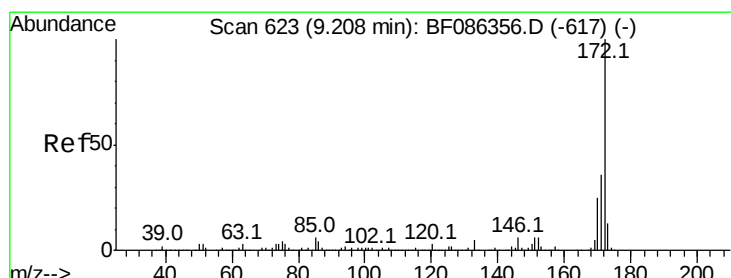
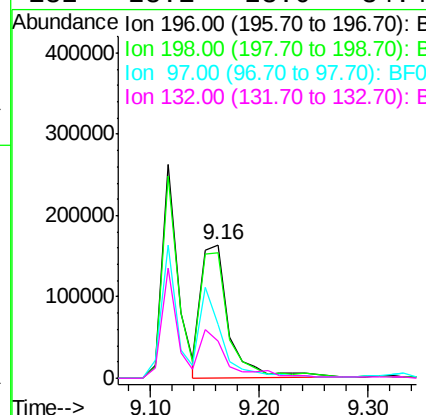
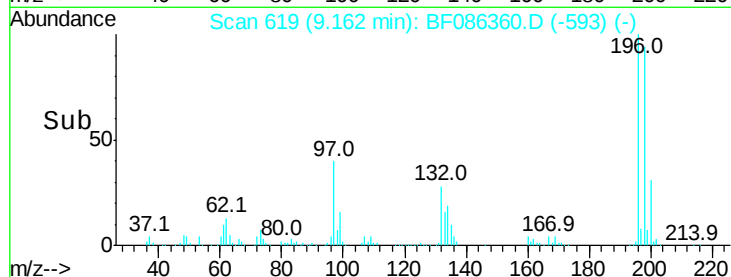
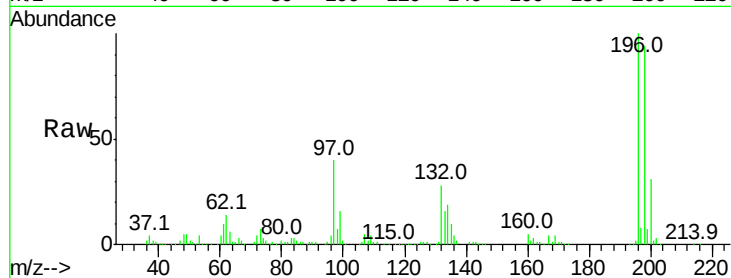
#43
 2,4,5-Trichlorophenol
 Concen: 36.97 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		290358		
198	94.1	77.5	116.3		
97	40.3	34.8	52.2		
132	28.1	23.0	34.4		

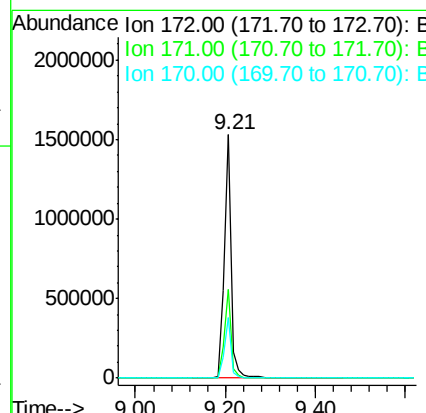
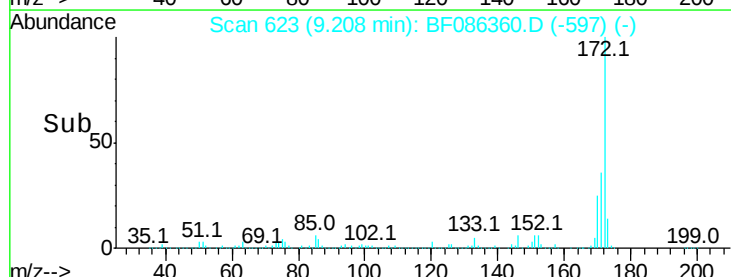
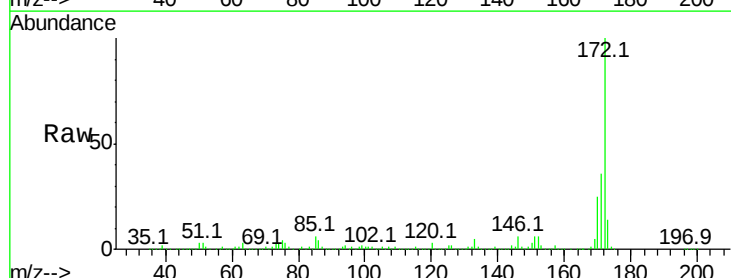
Manual Integrations
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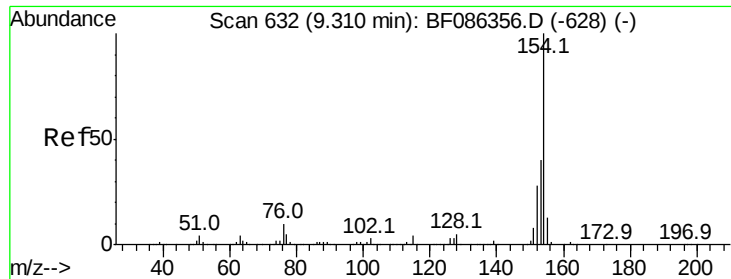
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#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1649794		
171	36.4	29.0	43.6		
170	25.1	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 37.74 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:154 Resp: 1101091

Ion Ratio Lower Upper

154 100

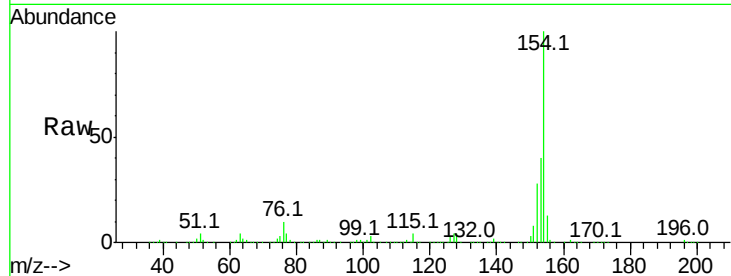
153 40.3 20.3 60.3

76 9.8 0.0 30.2

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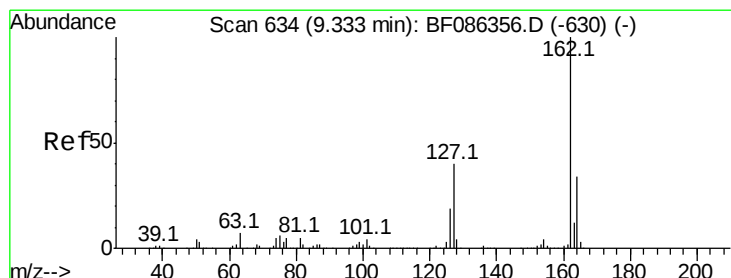
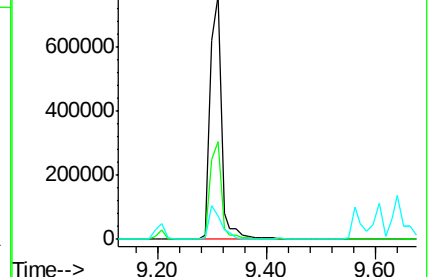
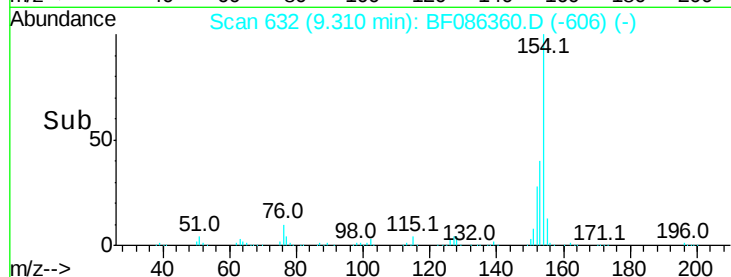
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.56 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

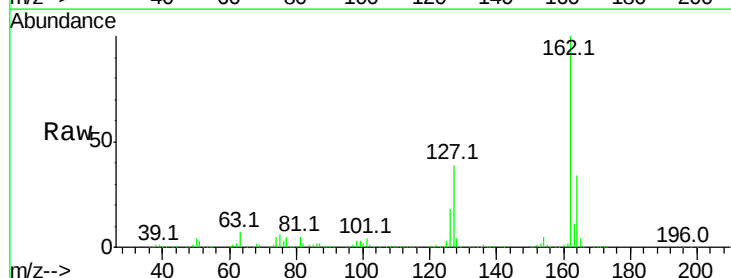
Tgt Ion:162 Resp: 867426

Ion Ratio Lower Upper

162 100

127 38.5 31.8 47.6

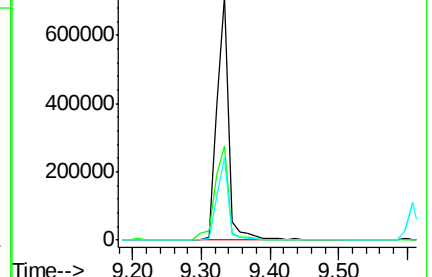
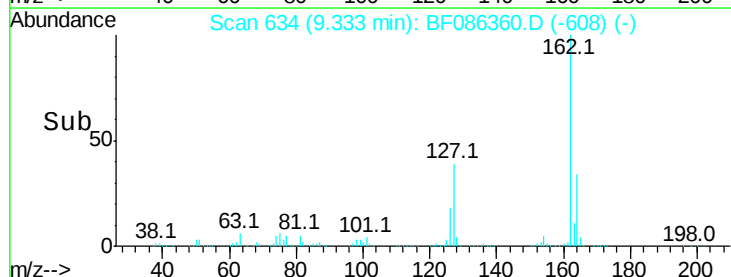
164 33.8 27.0 40.6

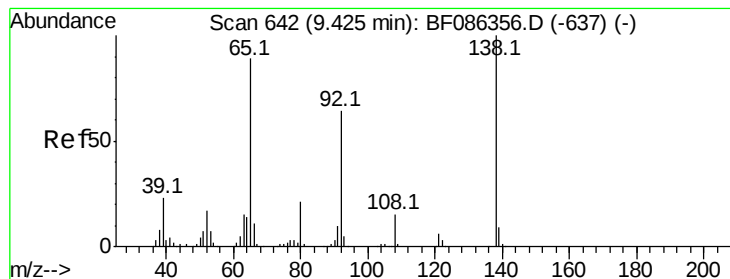


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.93 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion: 65 Resp: 294312

Ion Ratio Lower Upper

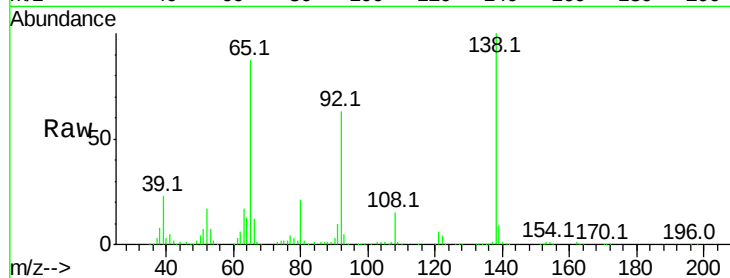
65 100

92 72.4 57.4 86.2

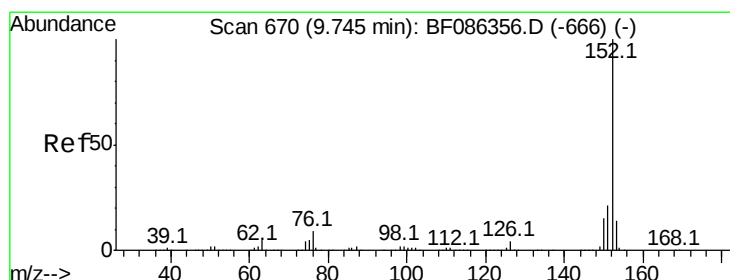
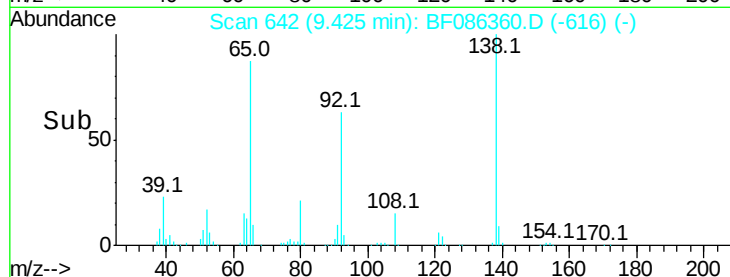
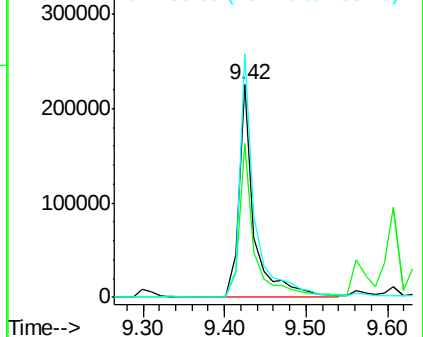
138 114.6 90.1 135.1

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.27 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

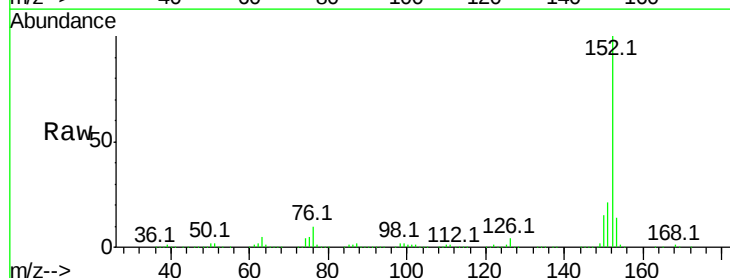
Tgt Ion: 152 Resp: 1432818

Ion Ratio Lower Upper

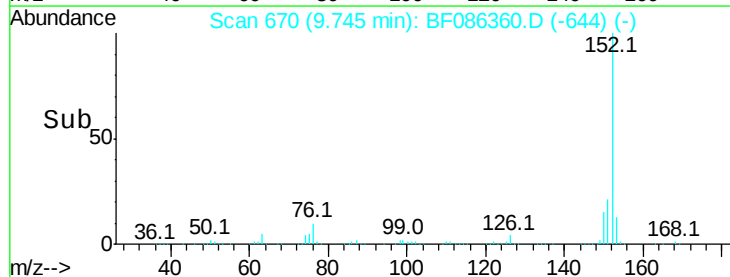
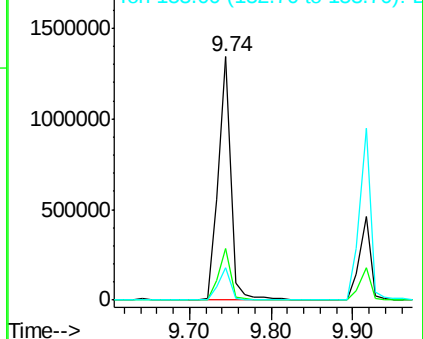
152 100

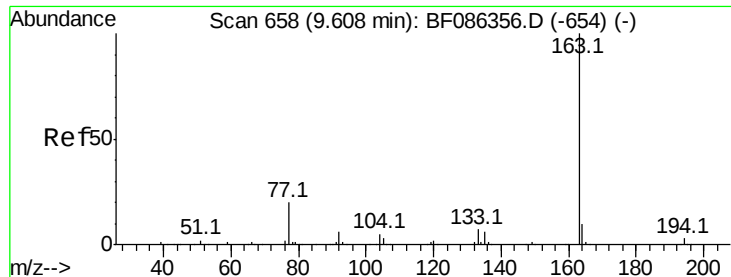
151 21.1 16.8 25.2

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





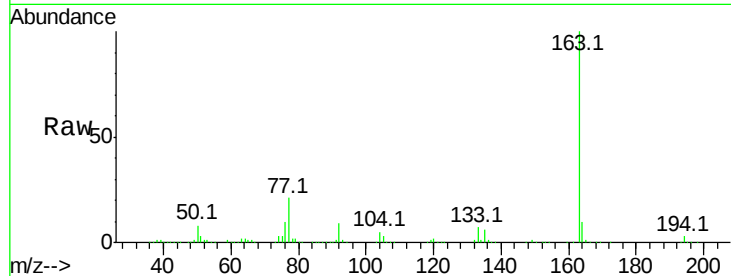
#49
Dimethylphthalate
Concen: 38.44 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.2	12.4

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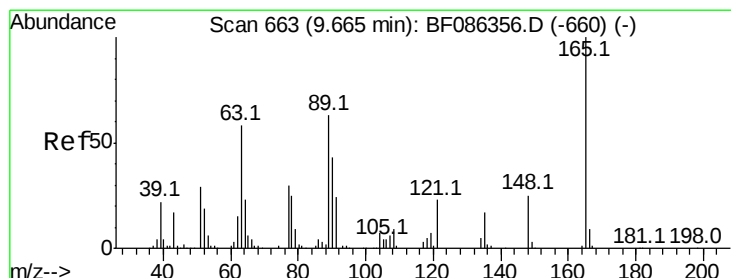
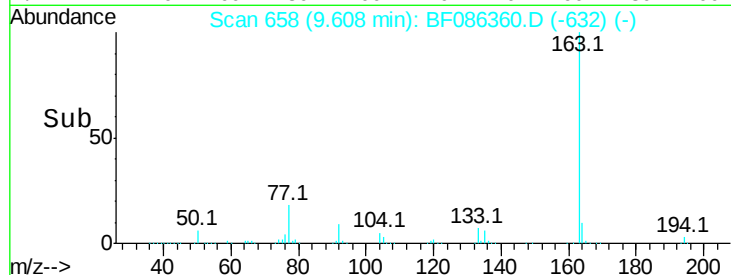
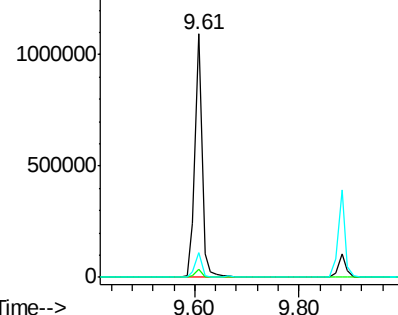


Abundance

Ion 163.00 (162.70 to 163.70): E

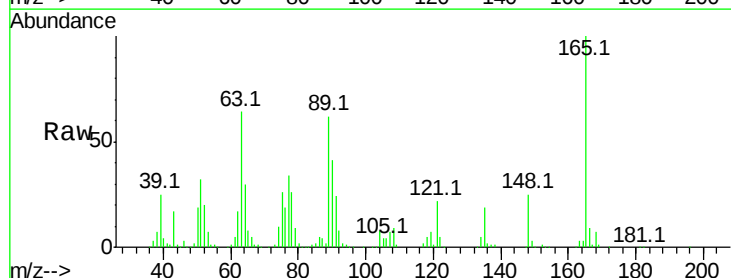
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 39.01 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.8	51.8	77.8
89	61.9	50.7	76.1

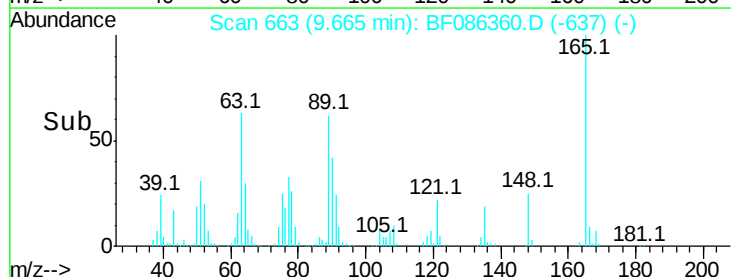
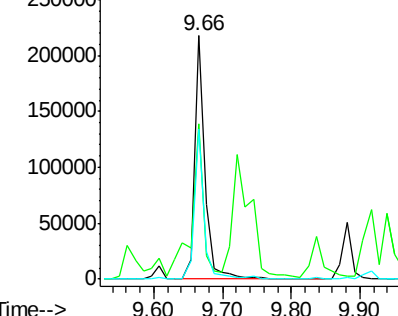


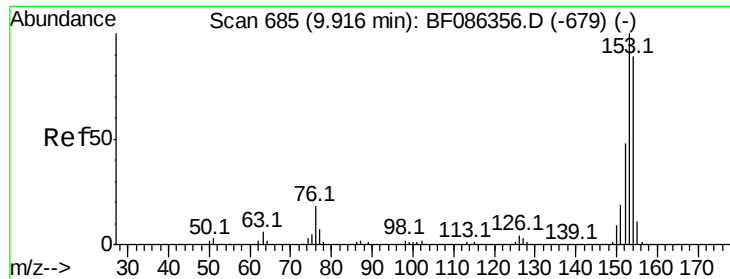
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.97 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

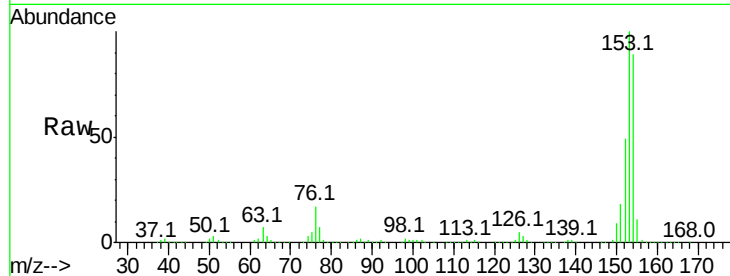
ClientSampleId :

ICVBF042216

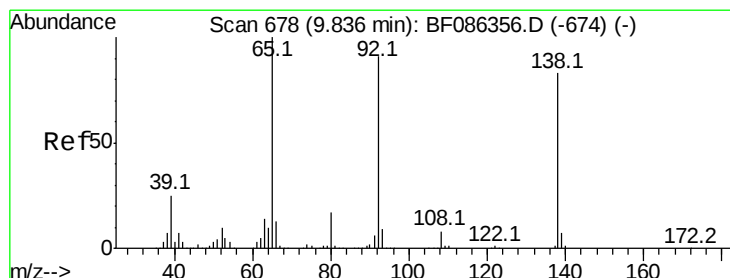
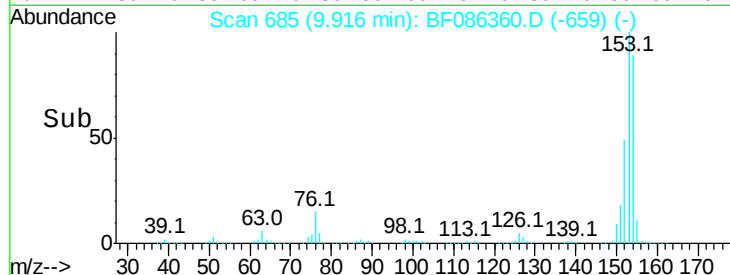
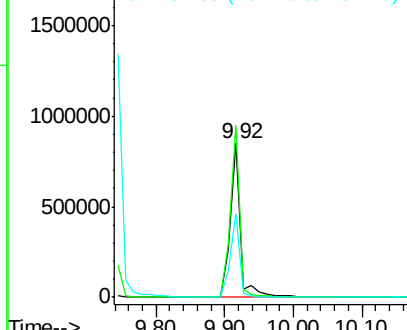
Tot Ion:	154	Resp:	896475
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.8	134.6
152	54.4	43.4	65.0

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



#52

3-Nitroaniline

Concen: 41.18 ng

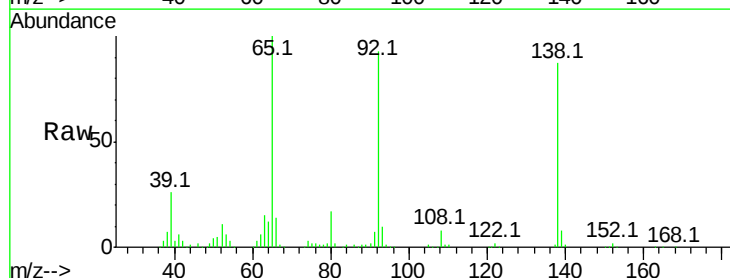
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

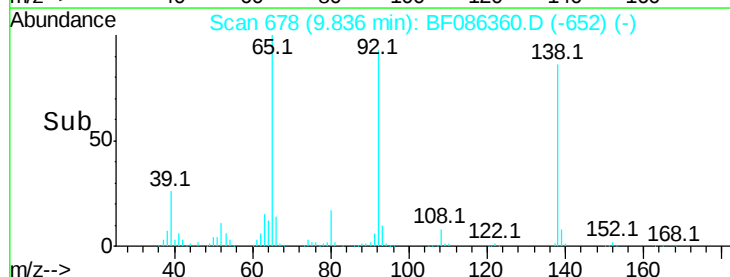
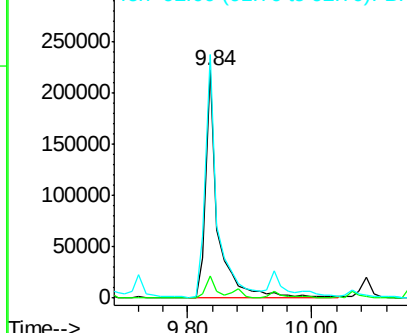
Lab File: BF086360.D

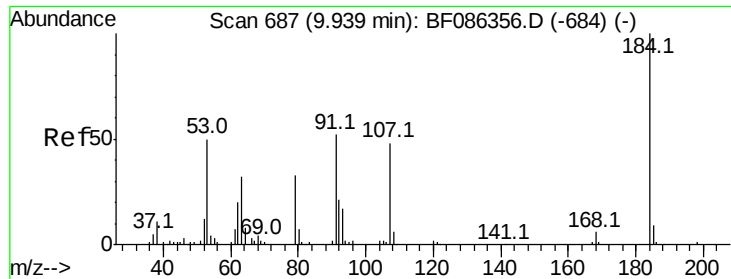
Acq: 22 Apr 2016 22:51

Tgt Ion:	138	Resp:	302558
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	106.9	87.8	131.8



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





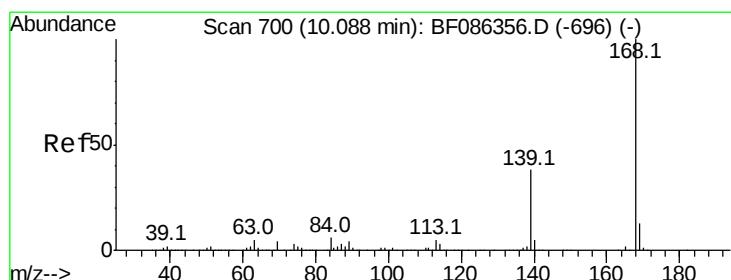
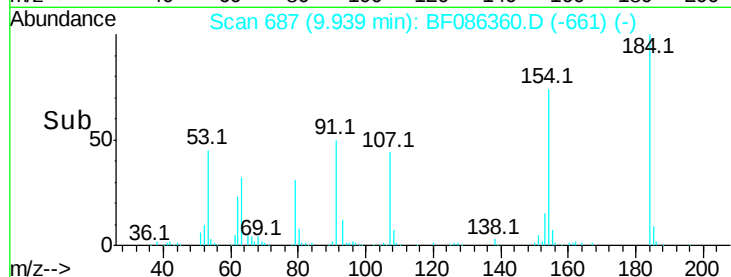
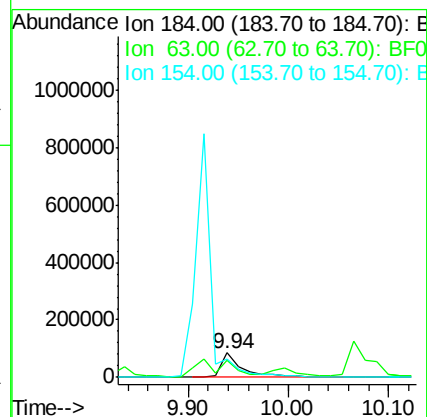
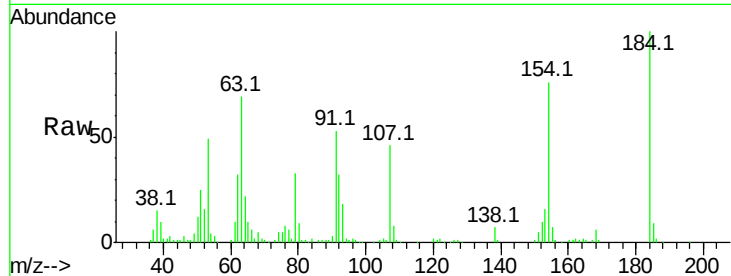
#53
2,4-Dinitrophenol
Concen: 41.53 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.4	55.8	83.8	
154	76.0	62.4	93.6	

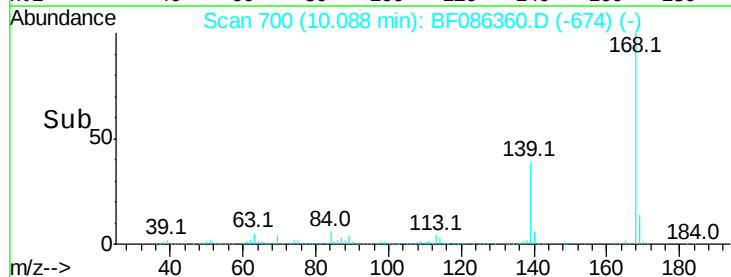
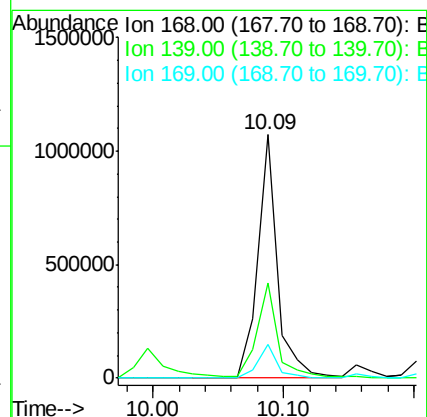
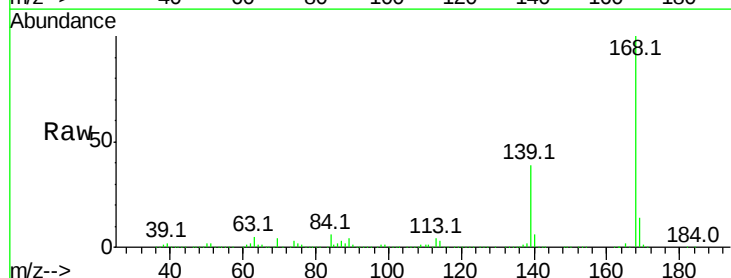
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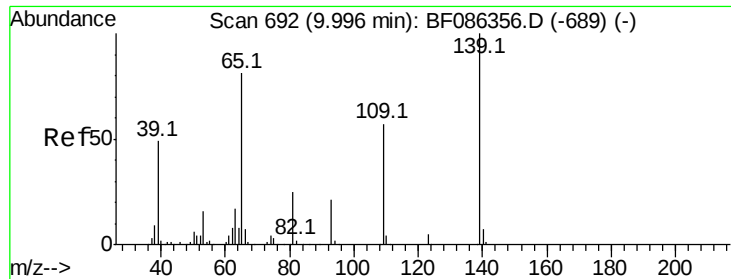
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#54
Dibenzofuran
Concen: 38.25 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	31.4	47.0	
169	13.8	10.7	16.1	





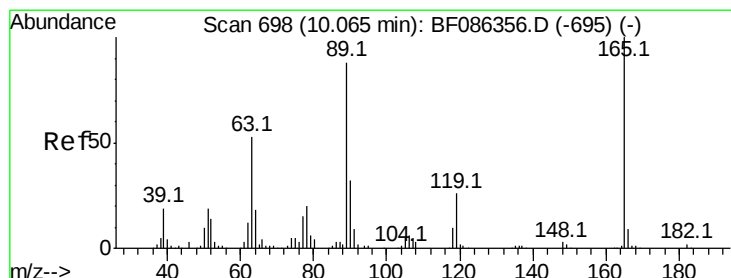
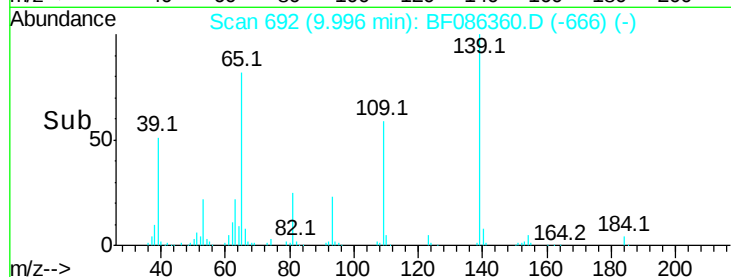
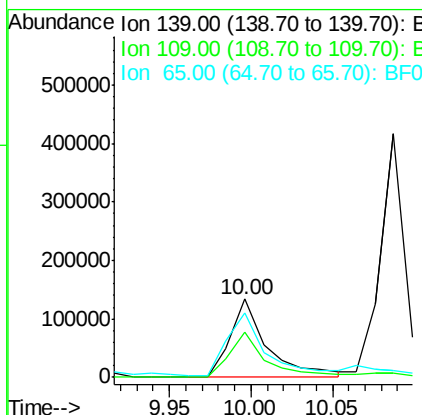
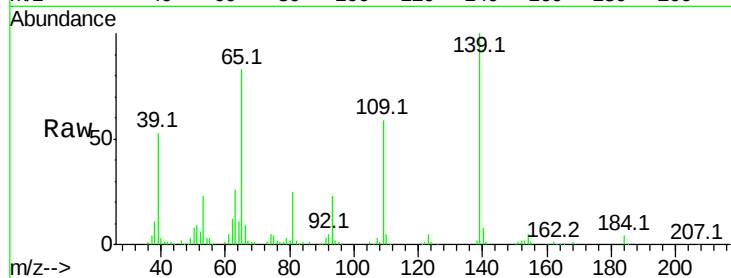
#55
4-Nitrophenol
Concen: 40.60 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
139	100	208719		
109	58.5	36.9	76.9	
65	83.1	64.0	104.0	

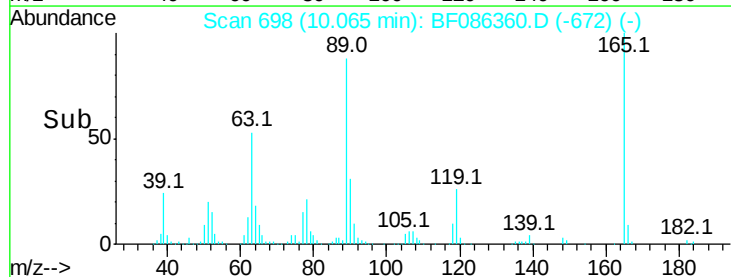
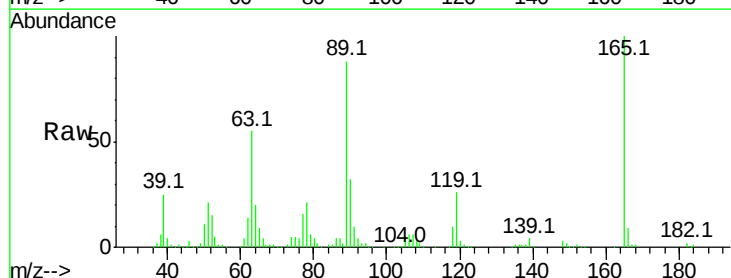
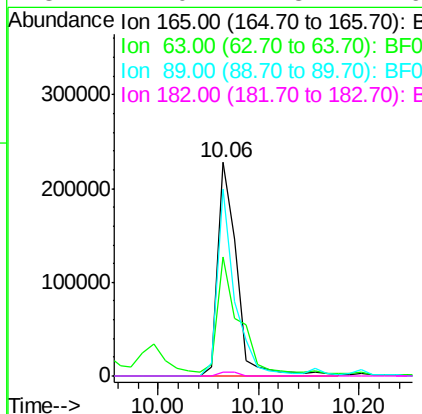
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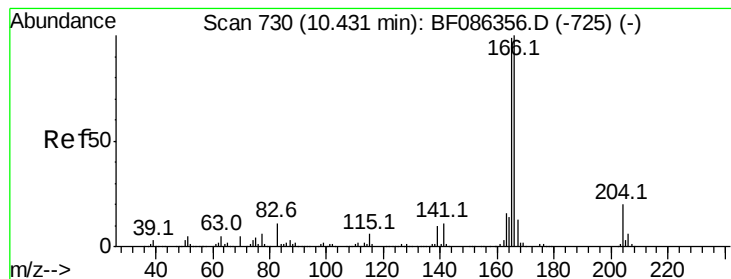
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#56
2,4-Dinitrotoluene
Concen: 38.37 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	299047		
63	55.5	44.3	66.5	
89	87.6	70.0	105.0	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 37.89 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:166 Resp: 917057

Ion Ratio Lower Upper

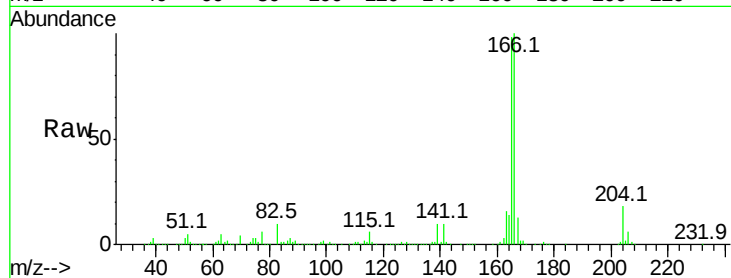
166 100

165 98.3 79.0 118.6

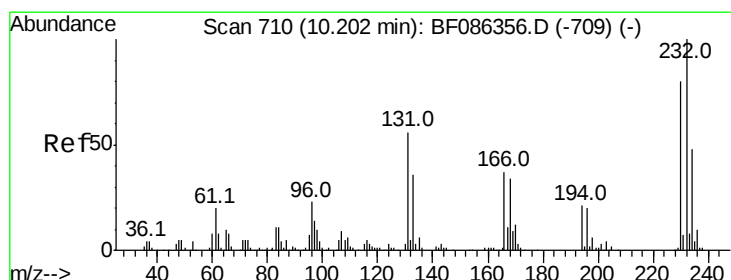
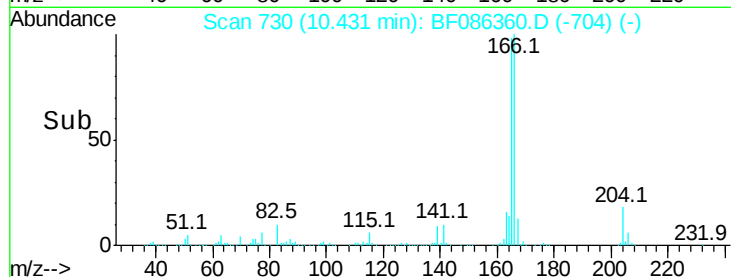
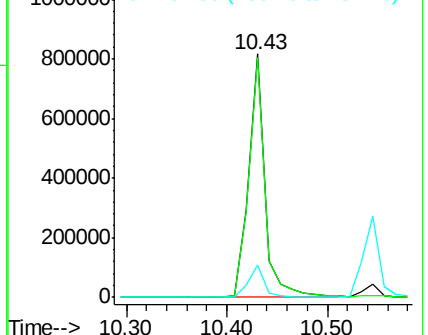
167 13.3 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.28 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:232 Resp: 231278

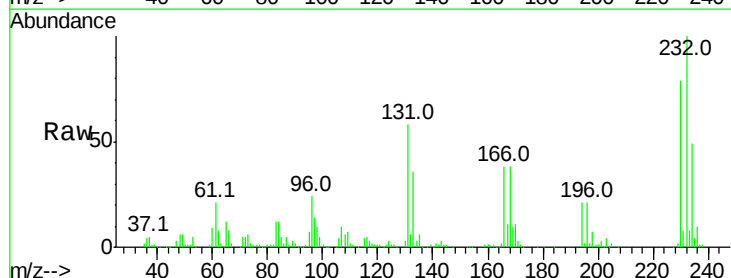
Ion Ratio Lower Upper

232 100

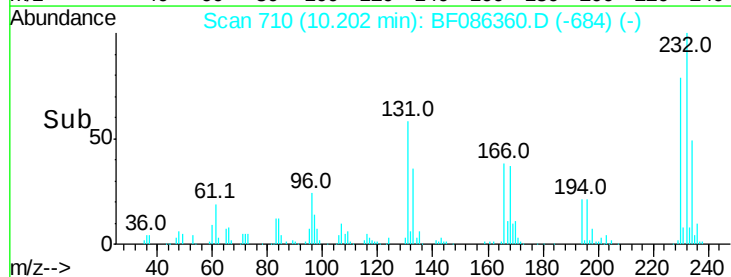
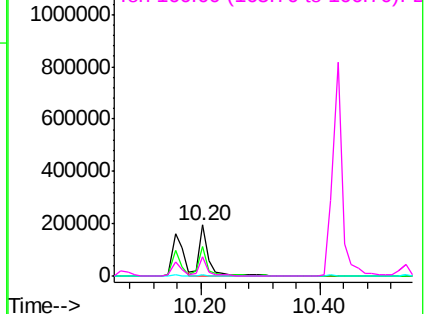
131 50.3 41.9 62.9

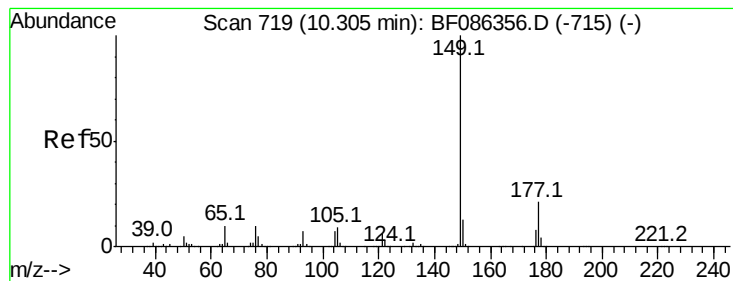
130 2.5 2.2 3.4

166 32.8 26.8 40.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.31 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

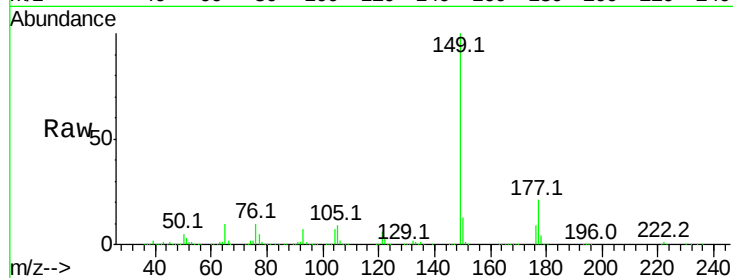
ClientSampleId :

ICVBF042216

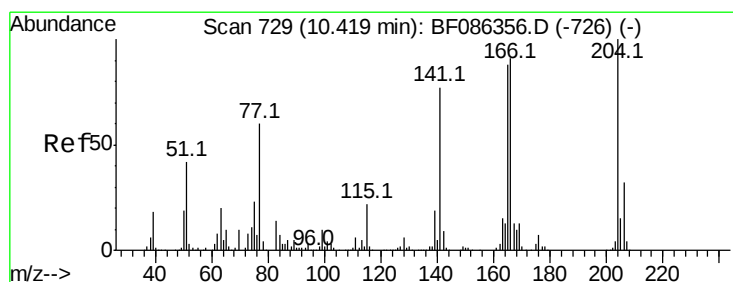
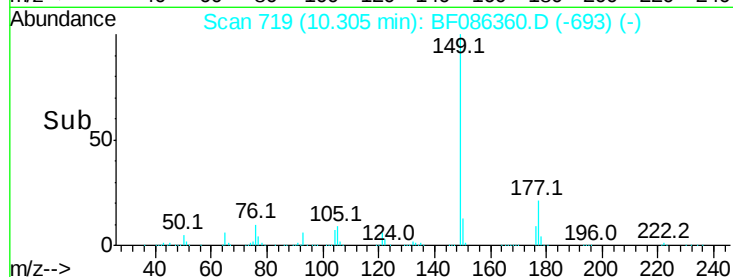
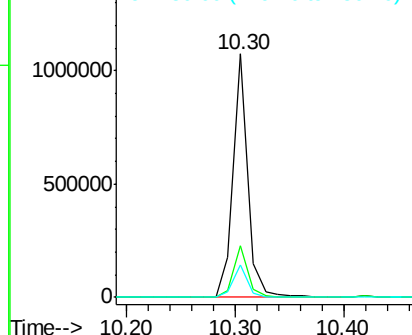
Tot Ion:	149	Resp:	996736
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	24.8
150	13.1	10.0	15.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.74 ng

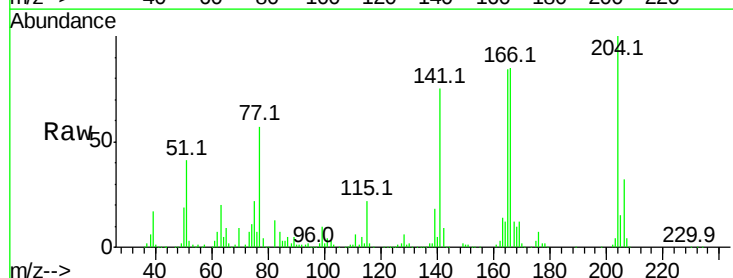
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

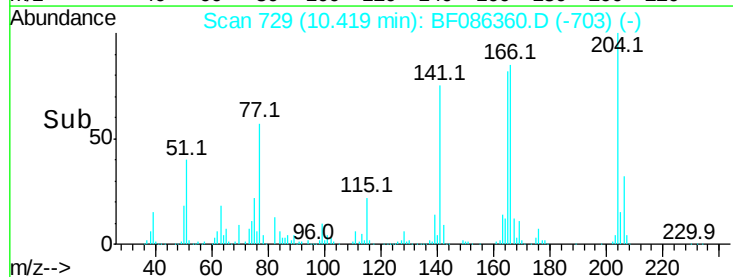
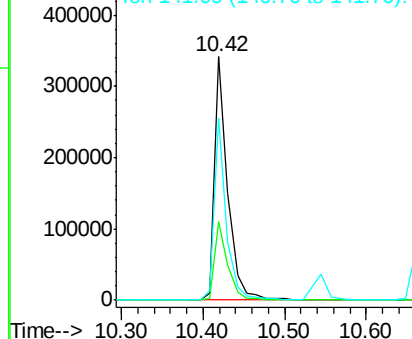
Lab File: BF086360.D

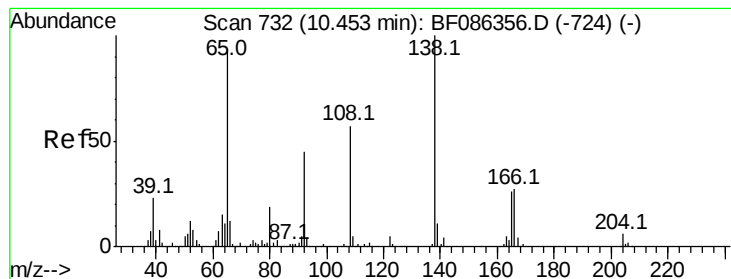
Acq: 22 Apr 2016 22:51

Tgt Ion:	204	Resp:	388901
Ion Ratio	Lower	Upper	
204	100		
206	32.0	25.4	38.0
141	74.8	61.6	92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





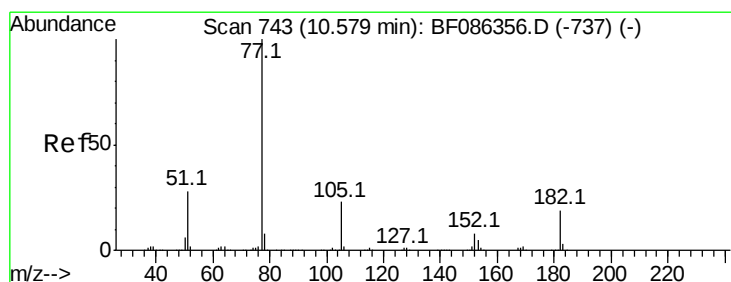
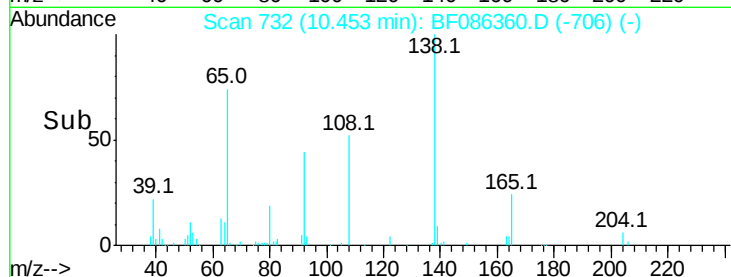
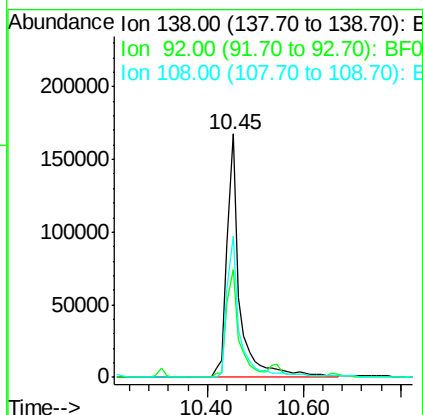
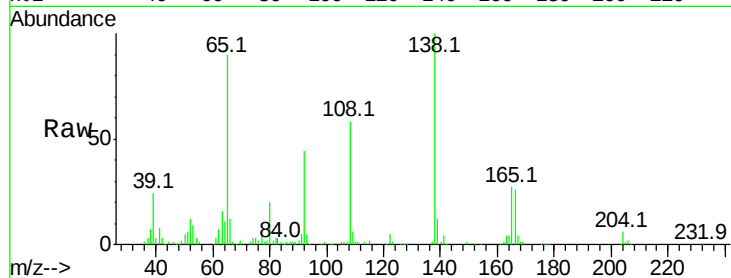
#61
4-Nitroaniline
Concen: 40.32 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.1	24.7	64.7
108	57.9	37.4	77.4

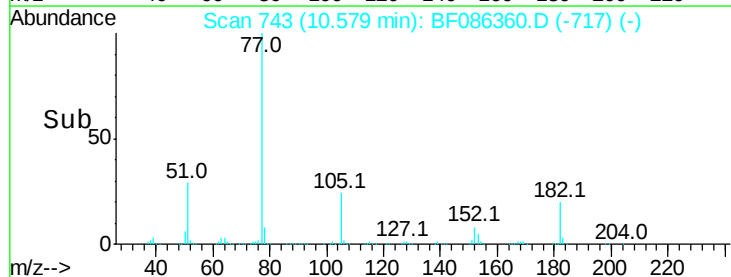
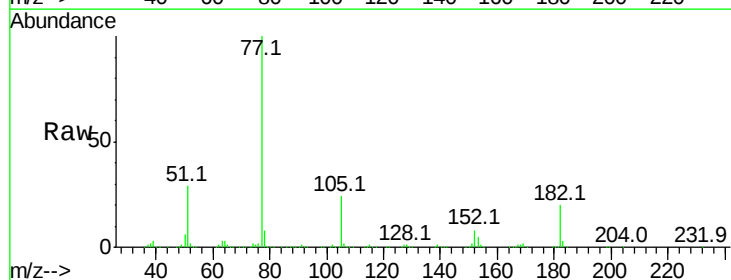
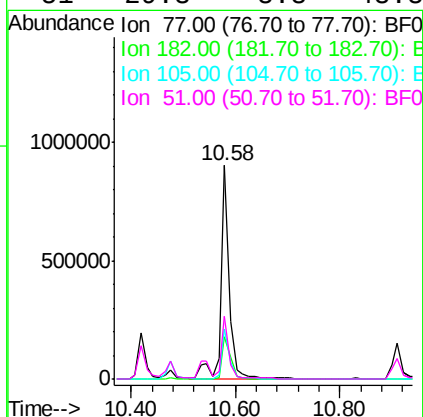
Manual Integrations
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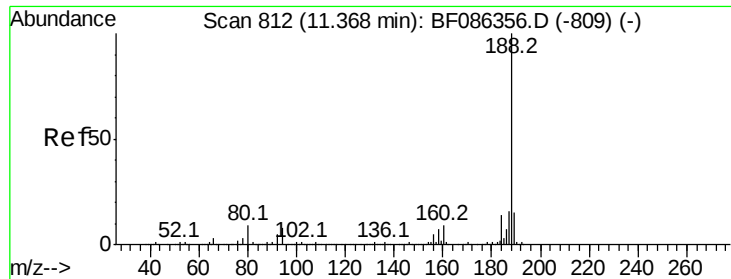
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#62
Azobenzene
Concen: 37.61 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	0.0	38.8
105	23.6	3.2	43.2
51	29.3	8.8	48.8





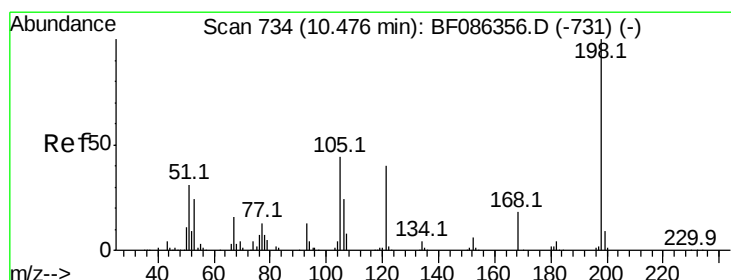
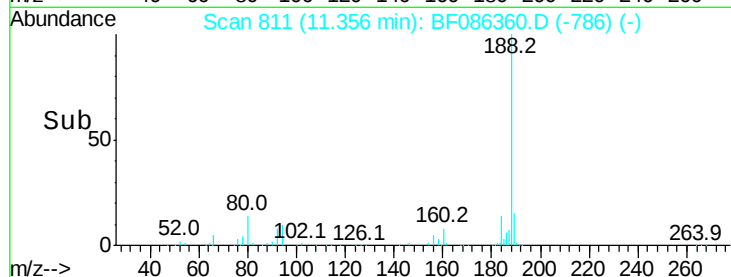
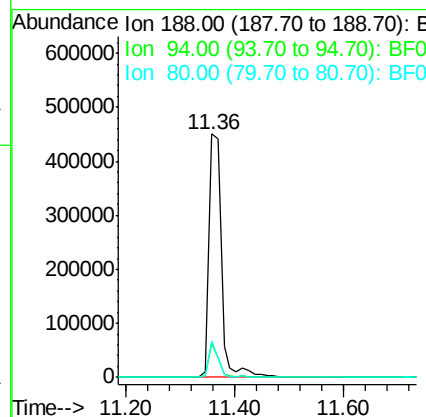
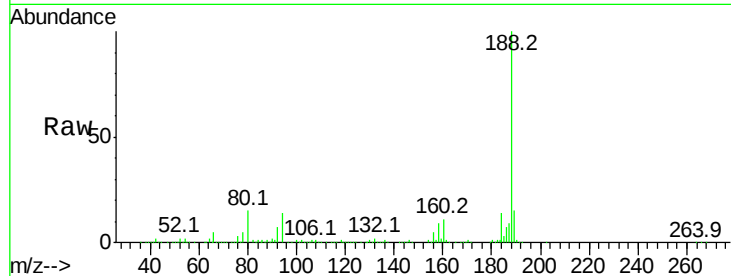
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
188	100	718973		
94	14.0	6.8	10.2#	
80	14.9	7.1	10.7#	

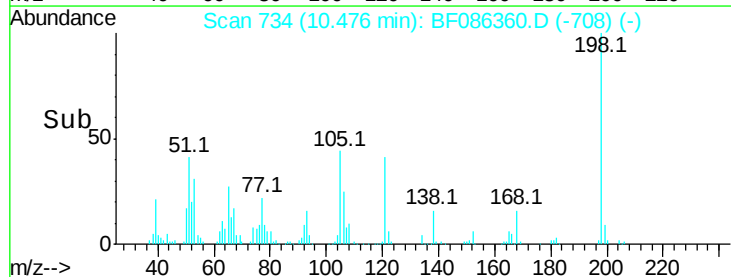
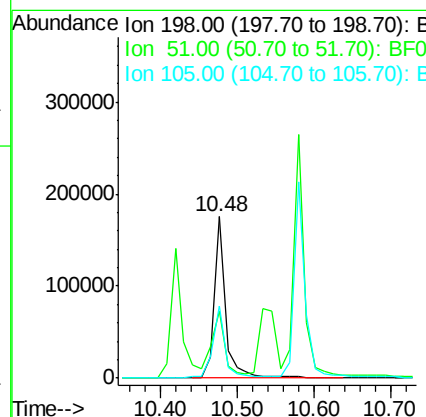
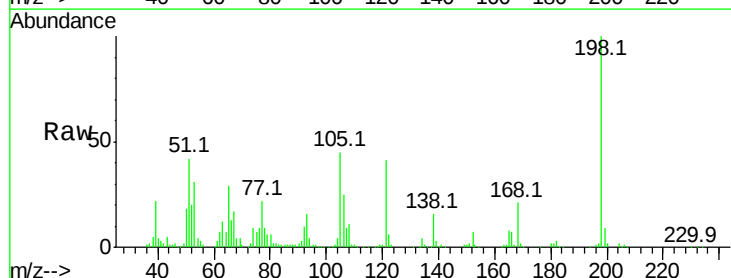
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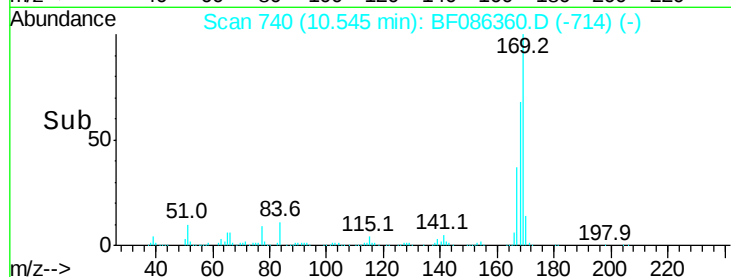
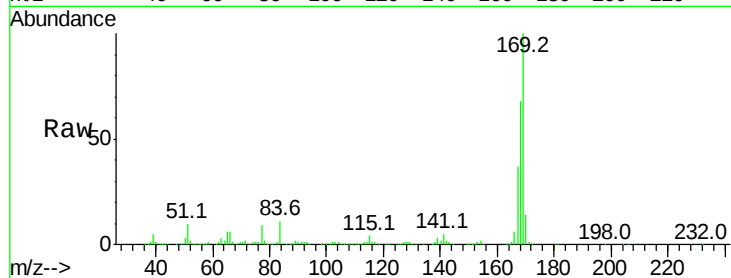
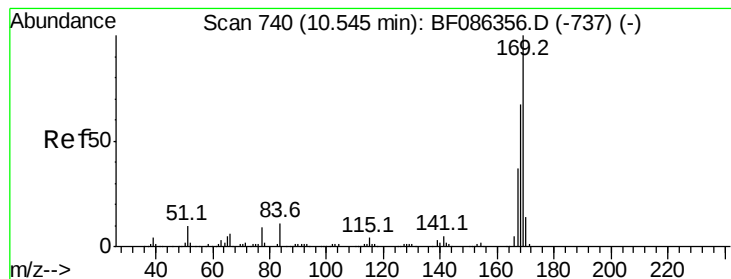
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.83 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	179376		
51	41.8	20.5	60.5	
105	44.5	24.5	64.5	





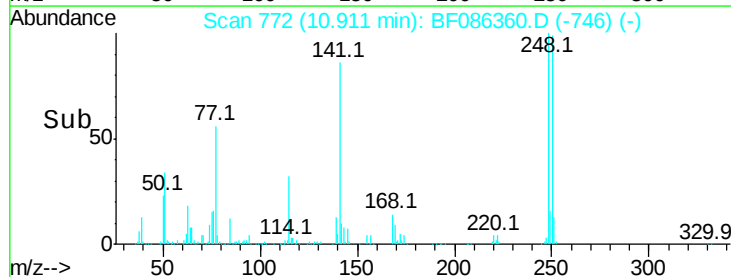
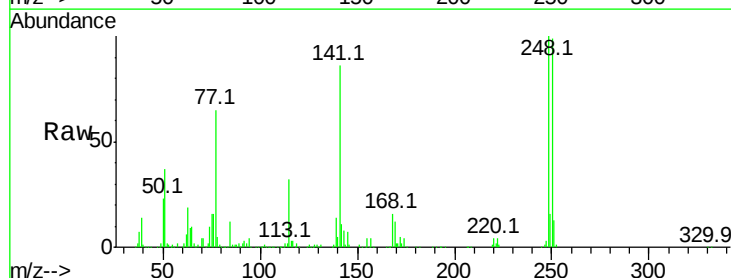
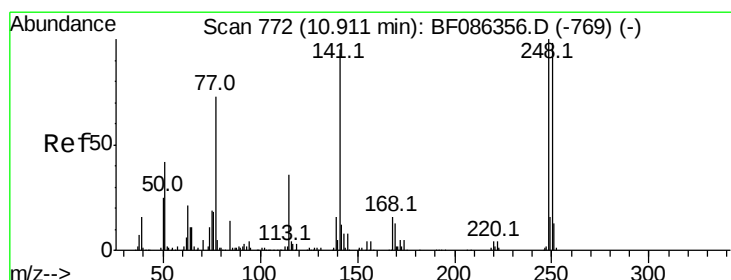
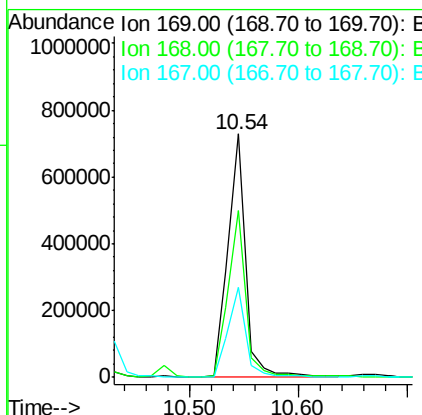
#65
n-Nitrosodiphenylamine
Concen: 37.24 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tot Ion	Ratio	Resp	Lower	Upper
169	100	825495		
168	68.3		53.8	80.6
167	37.2		29.5	44.3

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

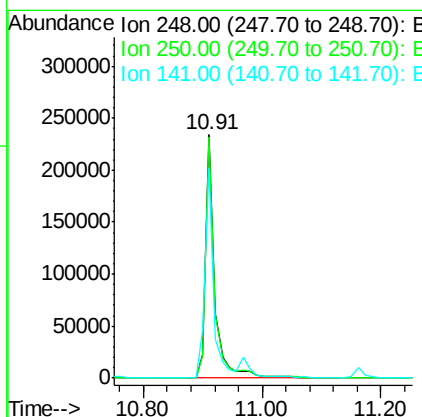
Manual Integrations
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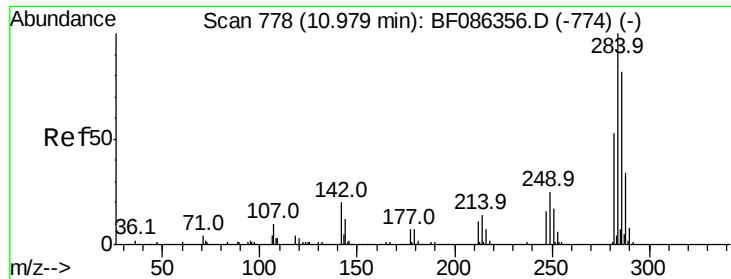
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#66
4-Bromophenyl-phenylether
Concen: 37.36 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	263011		
250	99.0		78.6	117.8
141	86.1		76.0	114.0





#67

Hexachlorobenzene

Concen: 36.50 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

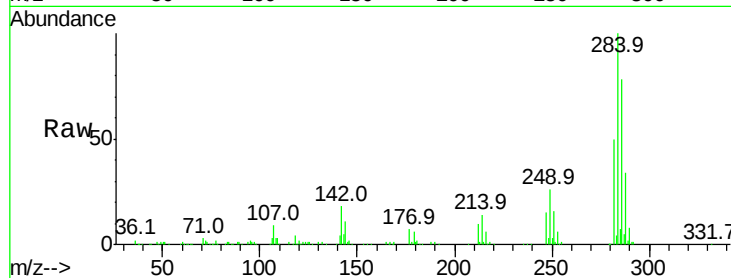
ClientSampleId :

ICVBF042216

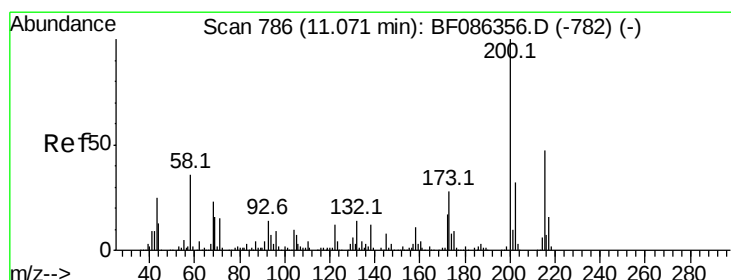
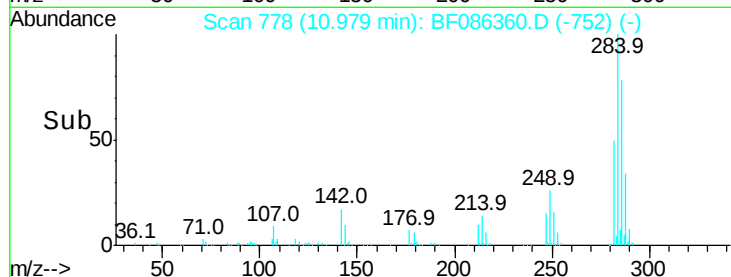
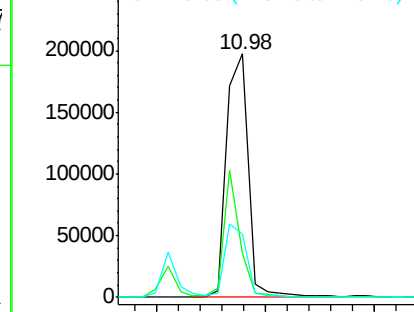
Tot Ion:	284	Resp:	274142
Ion Ratio	Lower	Upper	
284	100		
142	18.2	16.7	25.1
249	25.8	21.3	31.9

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.96 ng

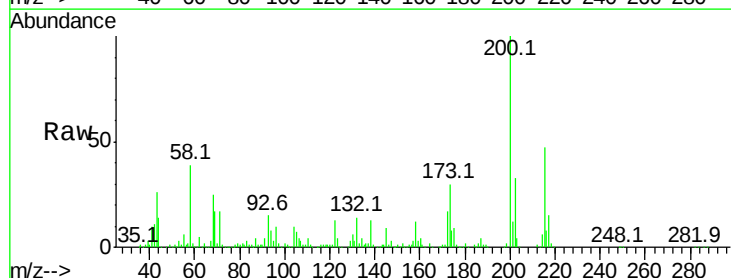
RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

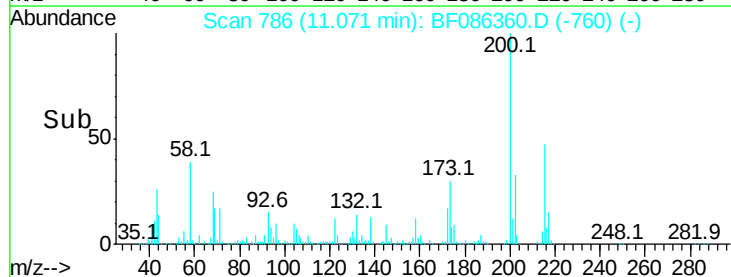
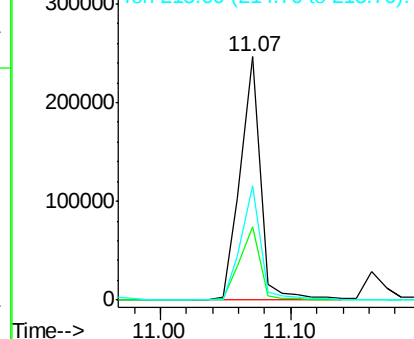
Lab File: BF086360.D

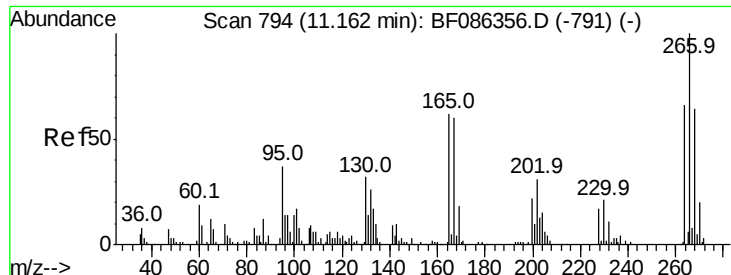
Acq: 22 Apr 2016 22:51

Tgt Ion:	200	Resp:	266656
Ion Ratio	Lower	Upper	
200	100		
173	30.0	8.5	48.5
215	47.1	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





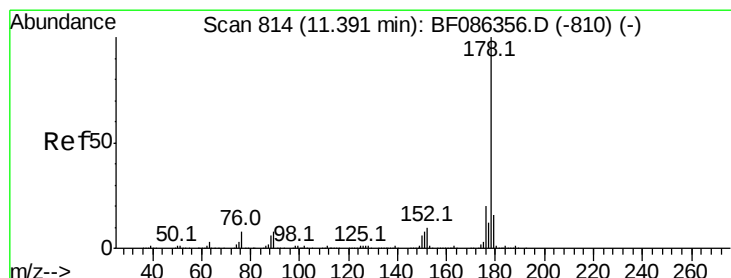
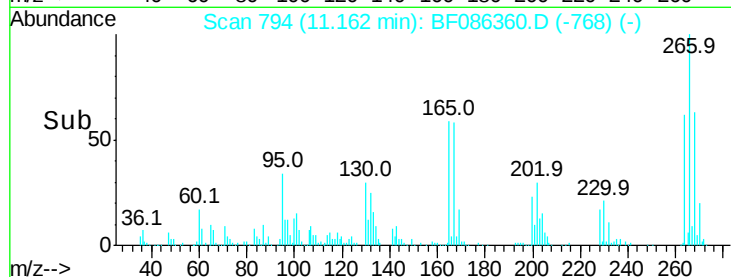
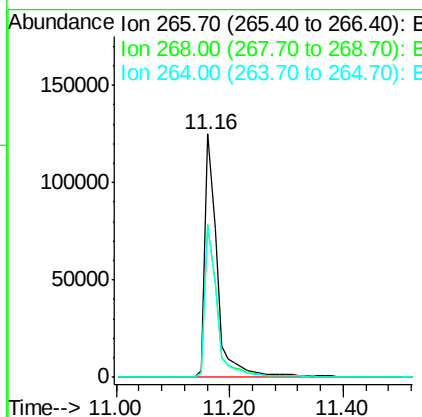
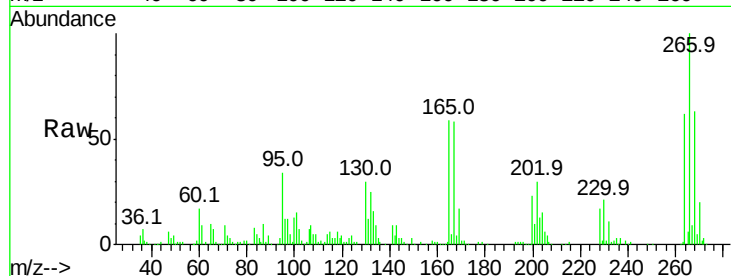
#69
 Pentachlorophenol
 Concen: 41.08 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
266	100	181210		
268	62.9	51.5	77.3	
264	62.5	52.9	79.3	

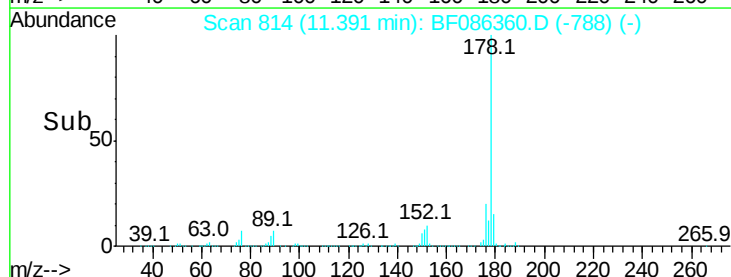
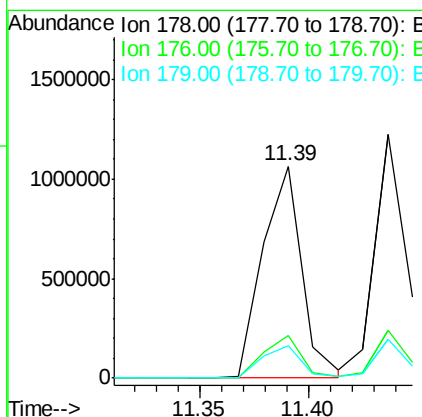
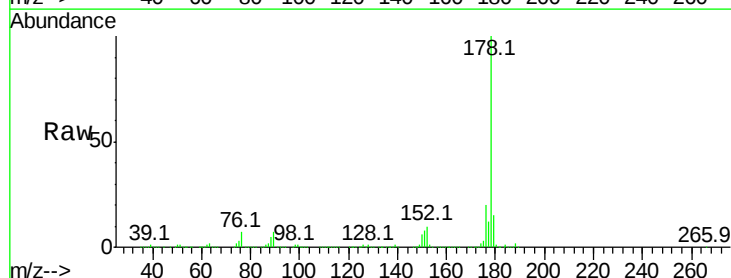
Manual Integrations
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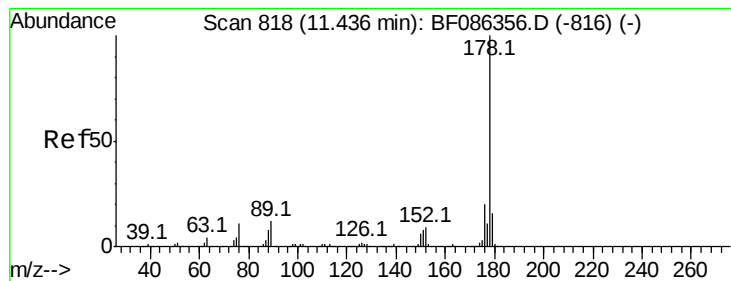
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#70
 Phenanthrene
 Concen: 37.17 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1342943		
176	19.8	16.0	24.0	
179	15.4	12.6	18.8	





#71
 Anthracene
 Concen: 34.93 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

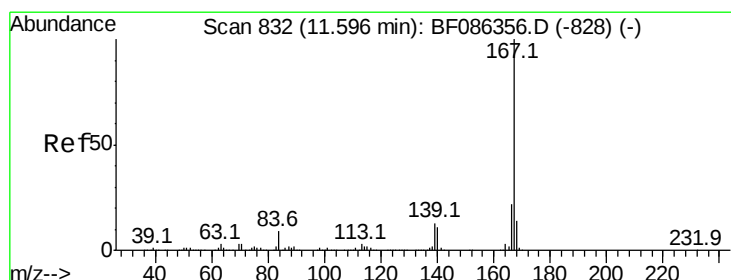
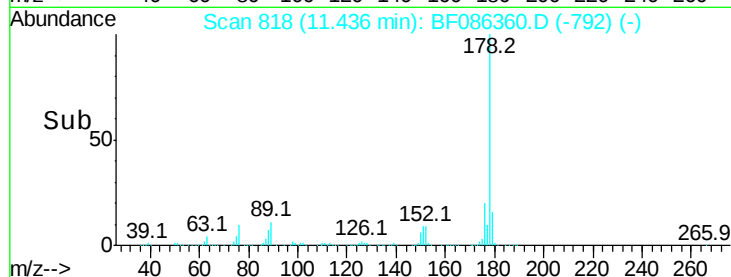
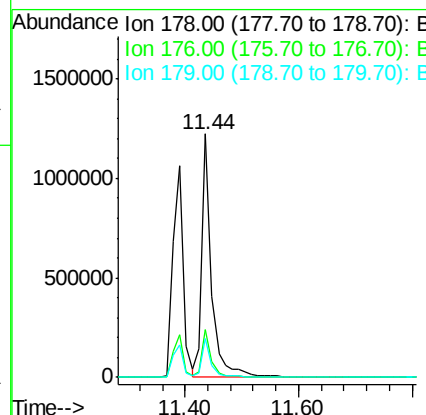
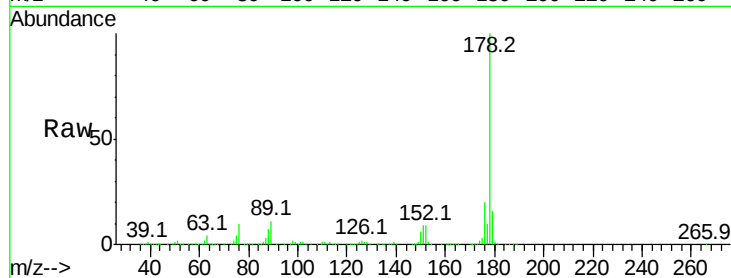
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion:178 Resp: 1446030

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.1	12.7	19.1

Manual Integrations
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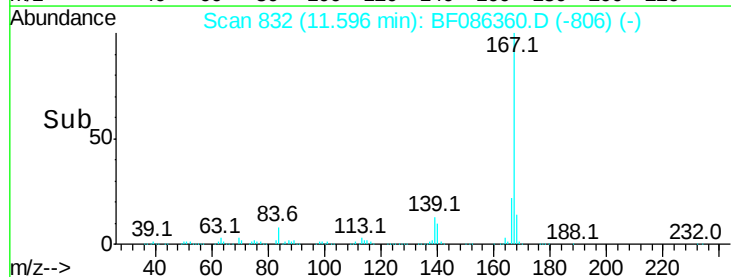
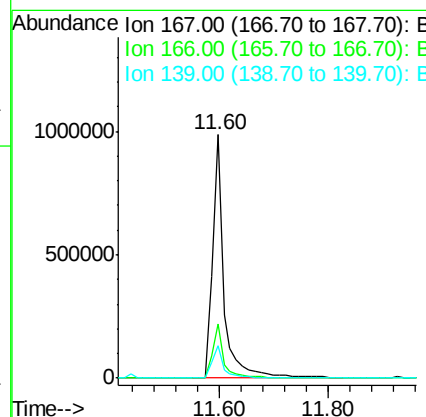
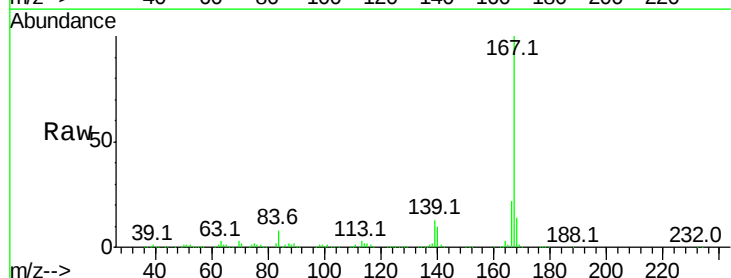
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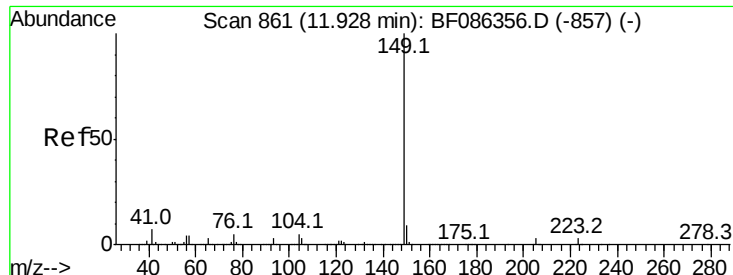


#72
 Carbazole
 Concen: 36.87 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion:167 Resp: 1433251

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	13.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:149 Resp: 1546837

Ion Ratio Lower Upper

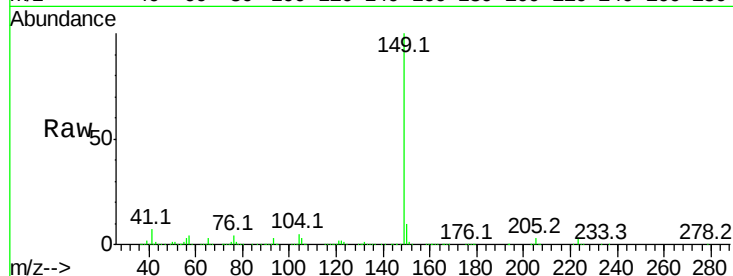
149 100

150 9.6 7.6 11.4

104 4.6 3.8 5.6

Manual Integrations
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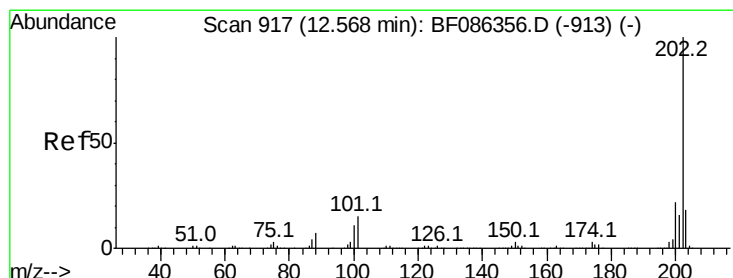
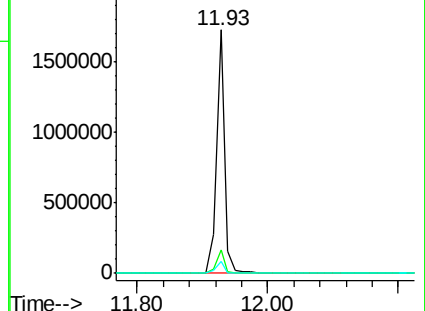
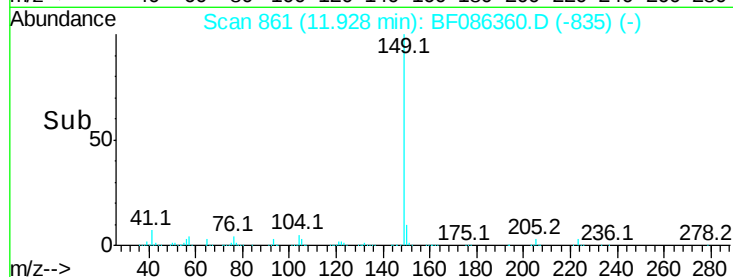
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.27 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

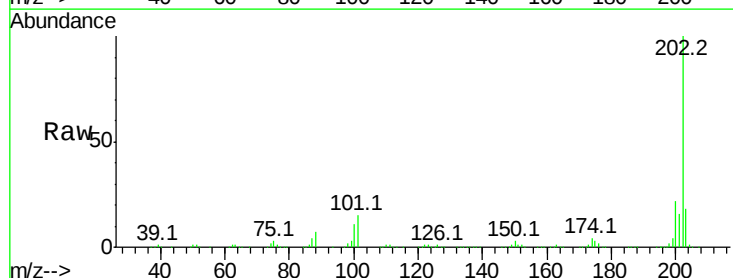
Tgt Ion:202 Resp: 1374047

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.4

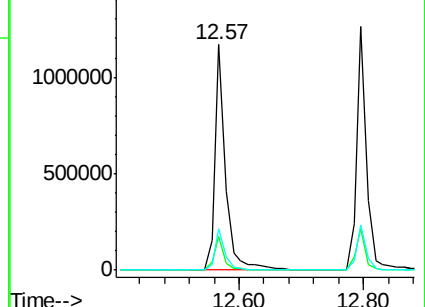
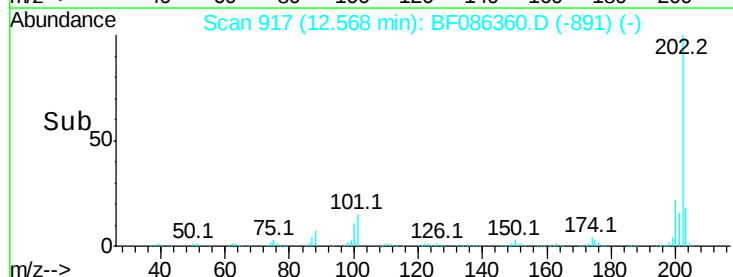
203 18.1 0.0 38.1

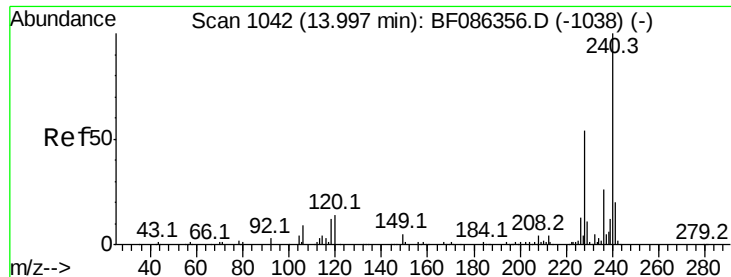


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

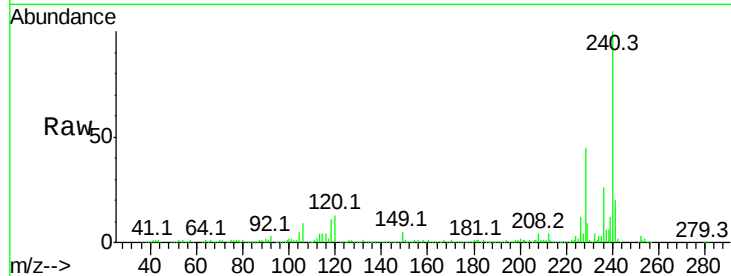
ClientSampleId :

ICVBF042216

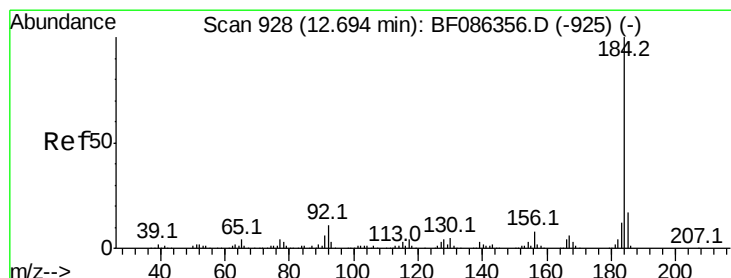
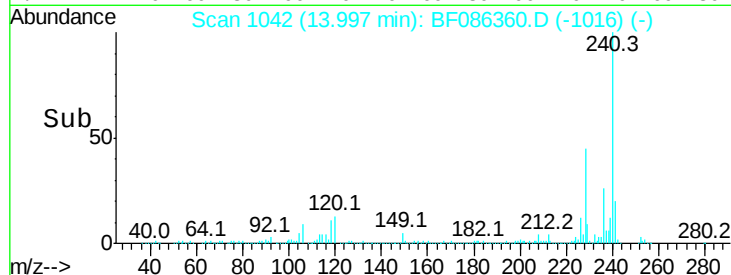
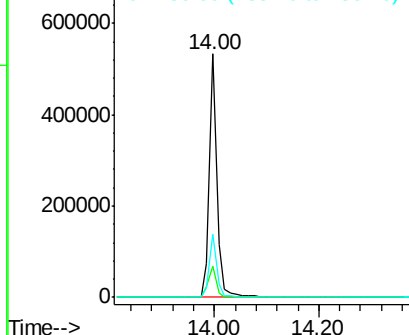
Tot Ion:	240	Resp:	534936
Ion Ratio	Lower	Upper	
240	100		
120	12.7	11.2	16.8
236	26.0	21.2	31.8

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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: 39.77 ng

RT: 12.69 min Scan# 928

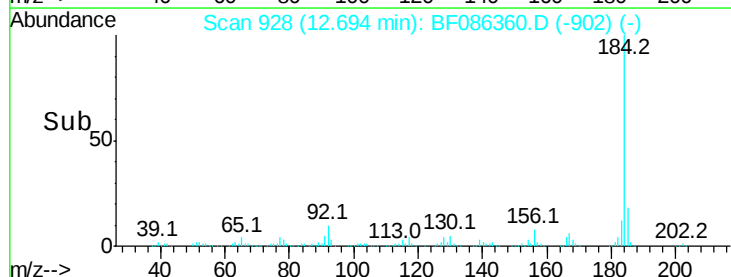
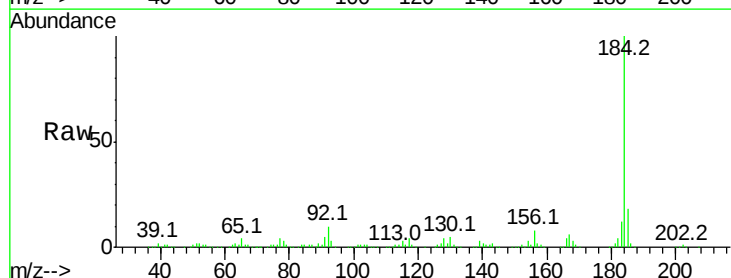
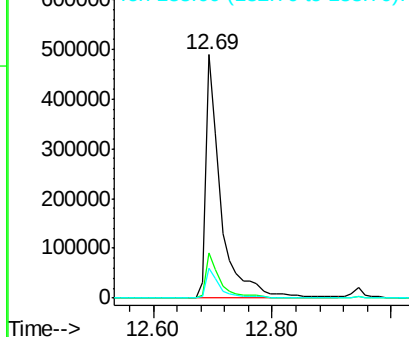
Delta R.T. 0.00 min

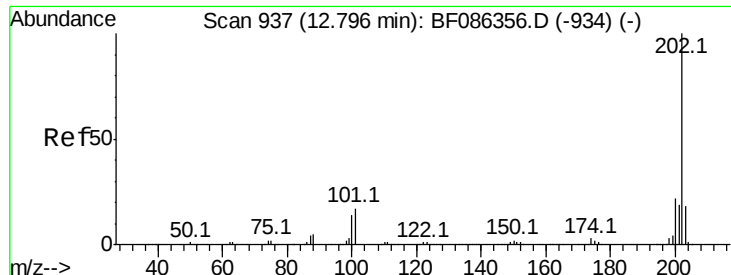
Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	184	Resp:	872419
Ion Ratio	Lower	Upper	
184	100		
185	18.4	13.6	20.4
183	12.1	9.8	14.6

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





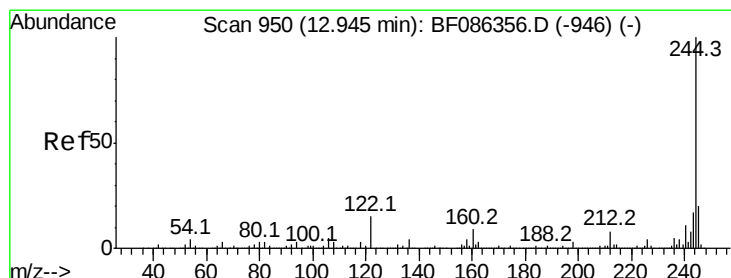
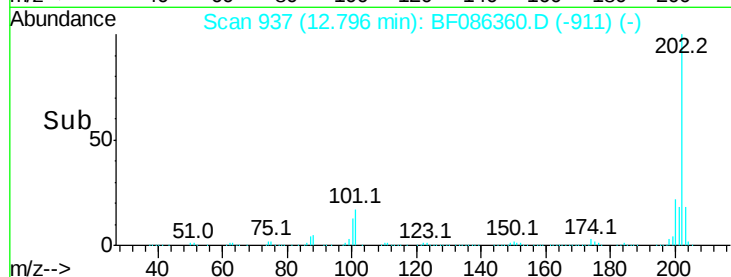
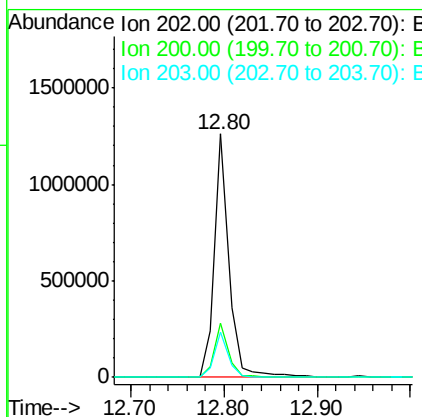
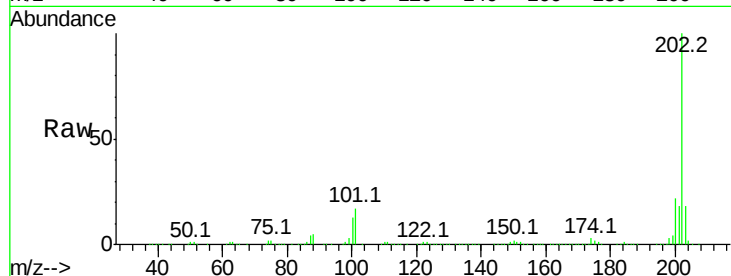
#77
Pvrene
Concen: 36.70 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.4	14.2	21.4

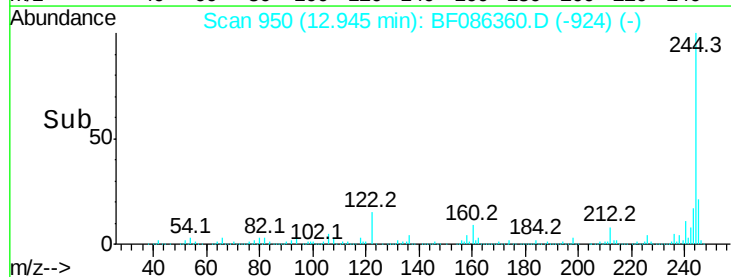
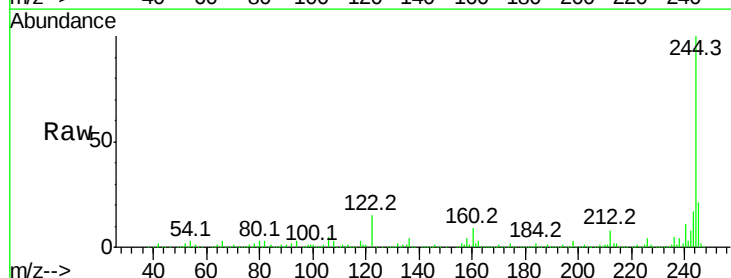
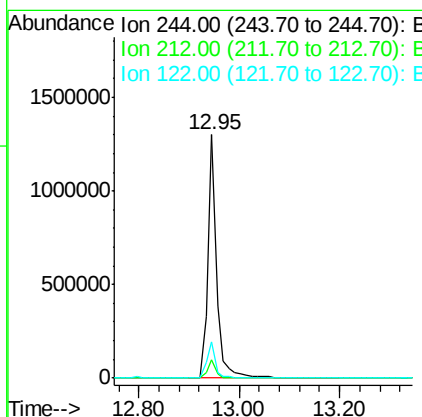
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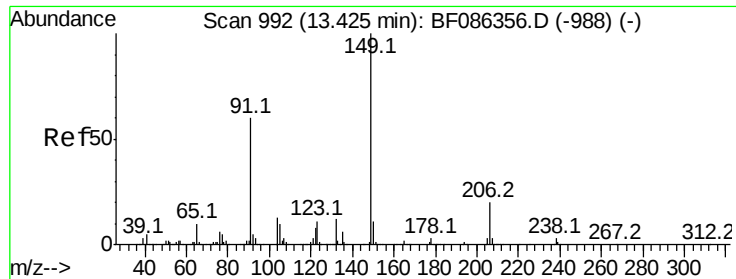
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#78
Terphenyl-d14
Concen: 72.98 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.8	12.0	18.0





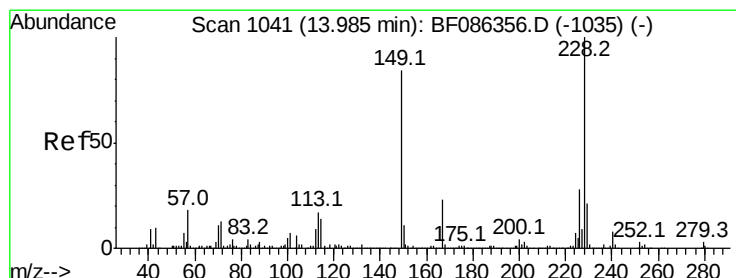
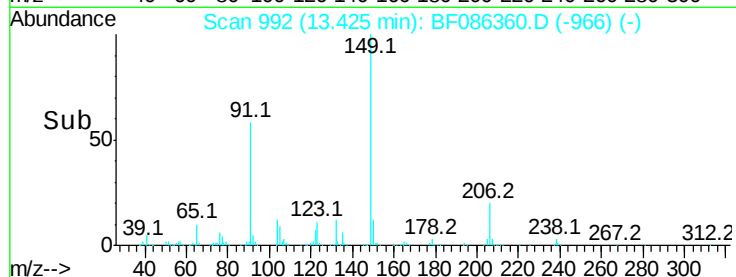
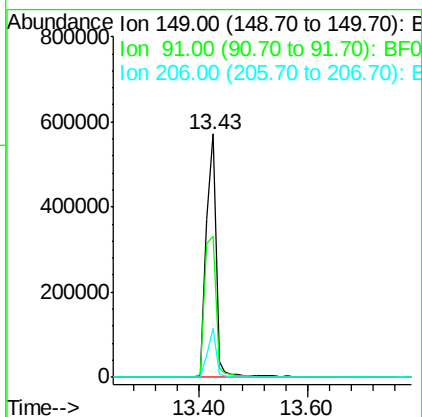
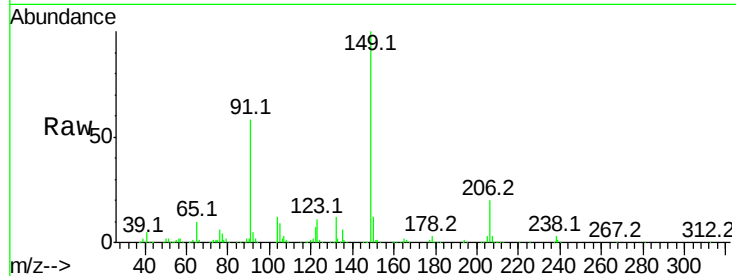
#79
Butylbenzylphthalate
Concen: 41.18 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
149	100	715789		
91	57.8		48.0	72.0
206	20.0		15.8	23.6

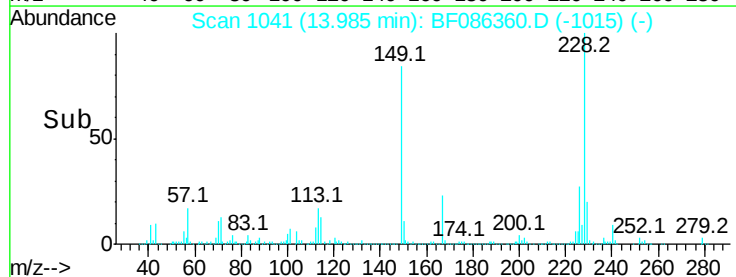
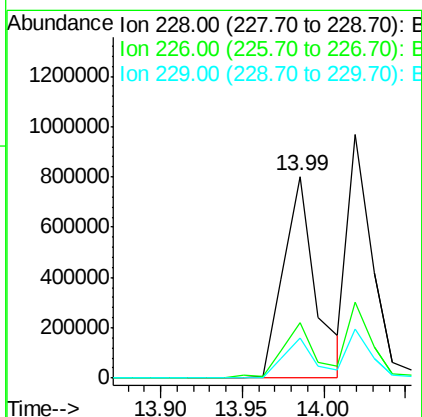
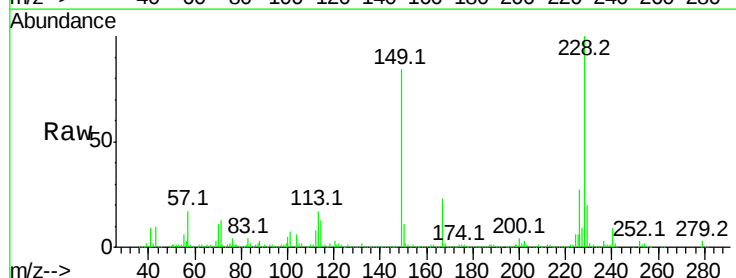
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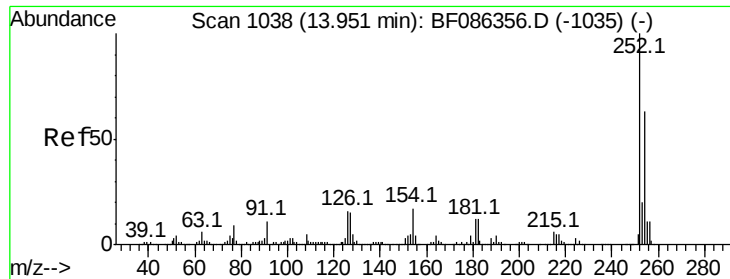
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#80
Benzo(a)anthracene
Concen: 39.86 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1106781		
226	27.2		22.5	33.7
229	19.7		16.6	25.0





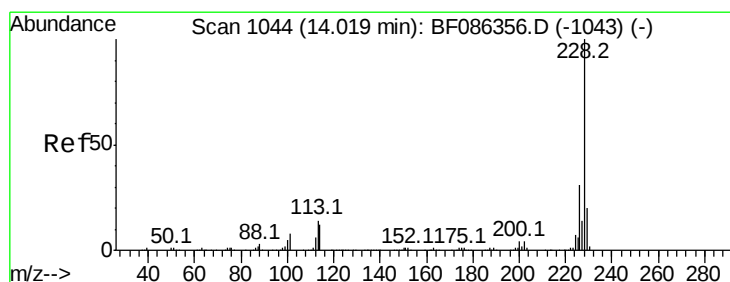
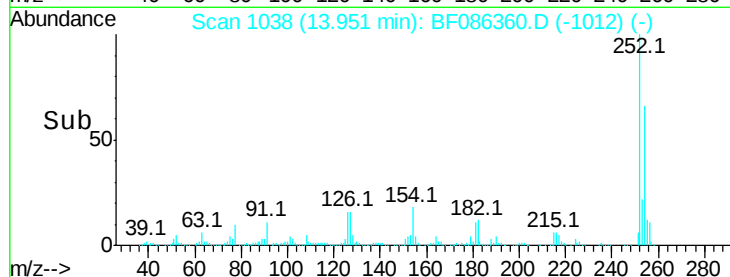
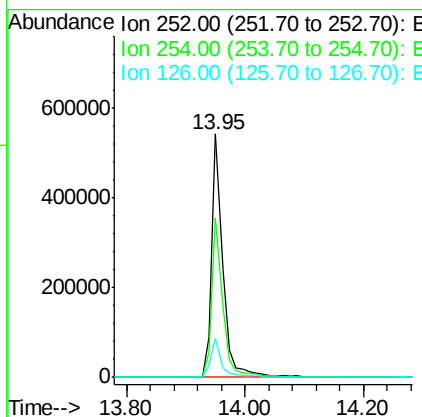
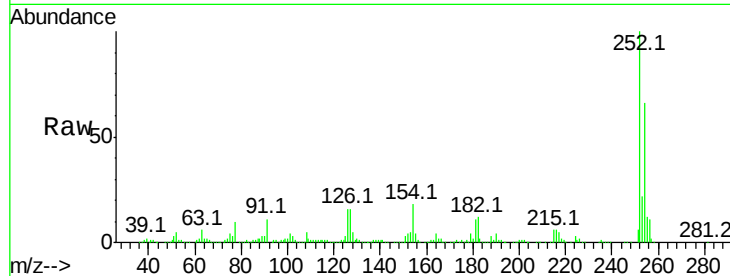
#81
 3,3'-Dichlorobenzidine
 Concen: 36.83 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.7	76.1
126	15.9	12.7	19.1

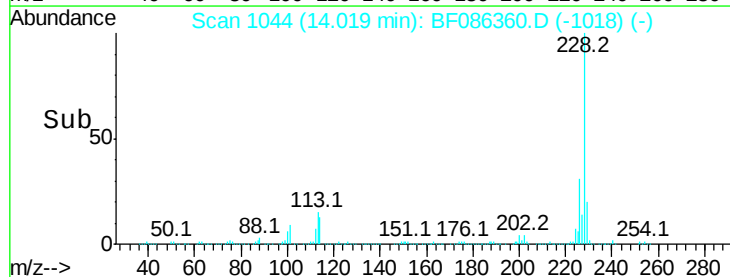
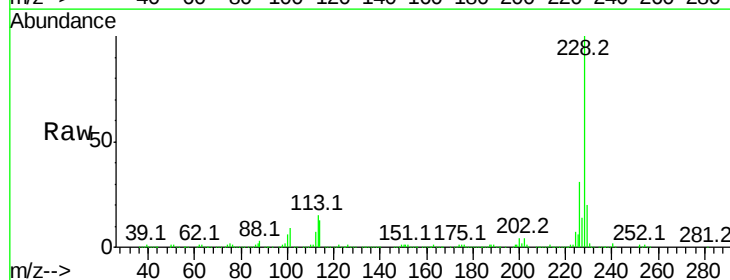
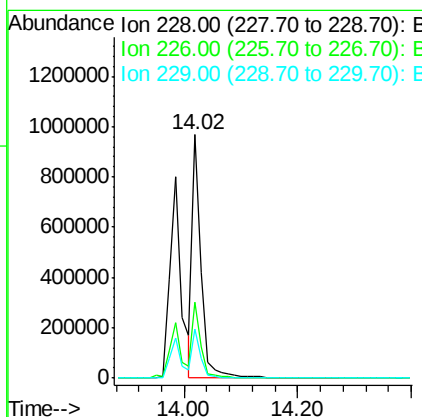
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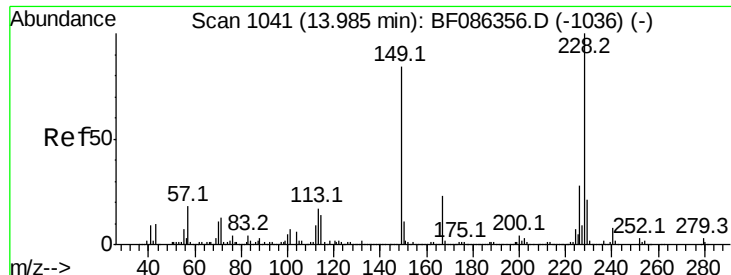
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#82
 Chrysene
 Concen: 34.42 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.2	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.70 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

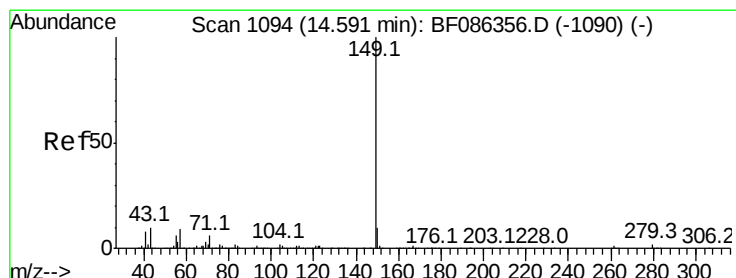
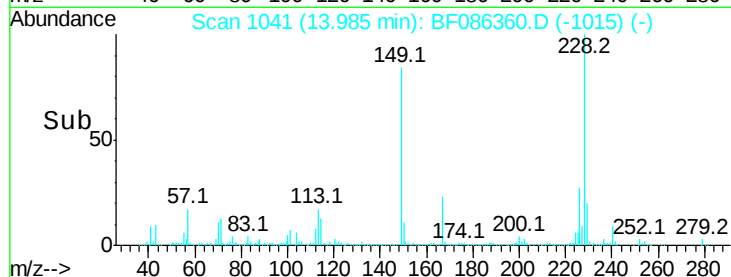
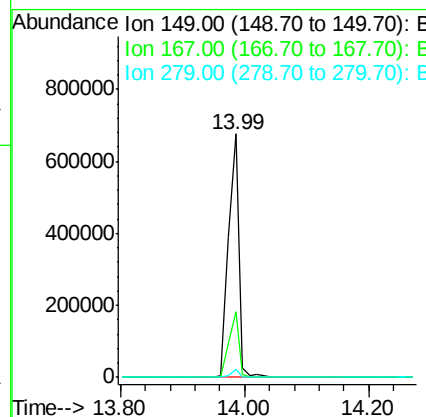
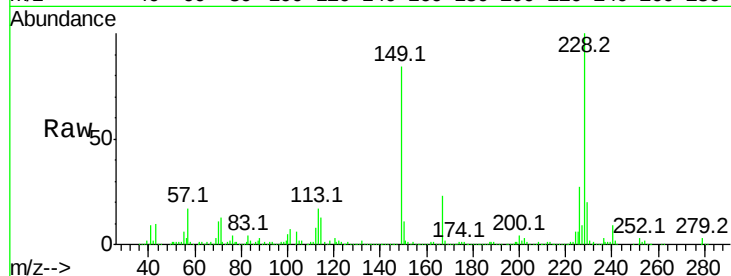
ClientSampleId :

ICVBF042216

Tot Ion:	149	Resp:	772549
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.6
279	3.5	2.6	4.0

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#84

Di-n-octyl phthalate

Concen: 39.46 ng

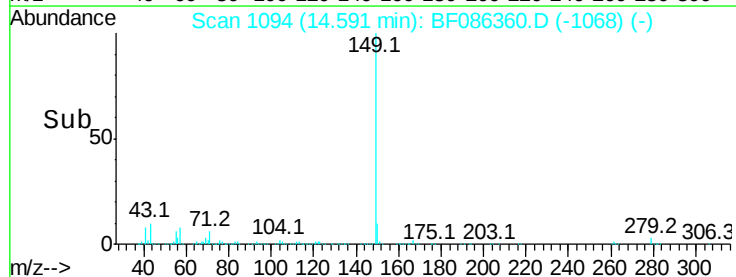
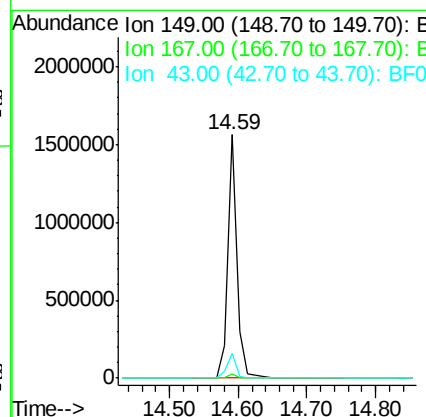
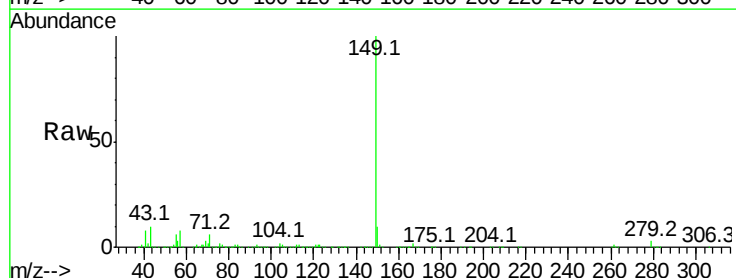
RT: 14.59 min Scan# 1094

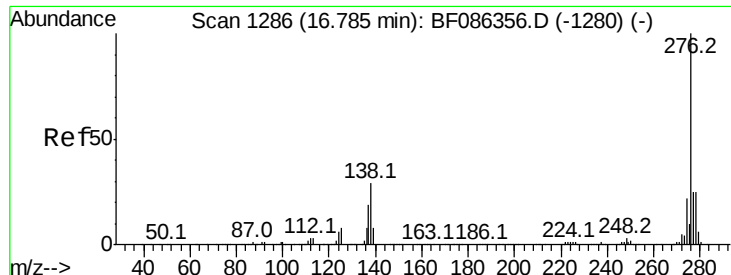
Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:	149	Resp:	1474279
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.2	8.2	12.4





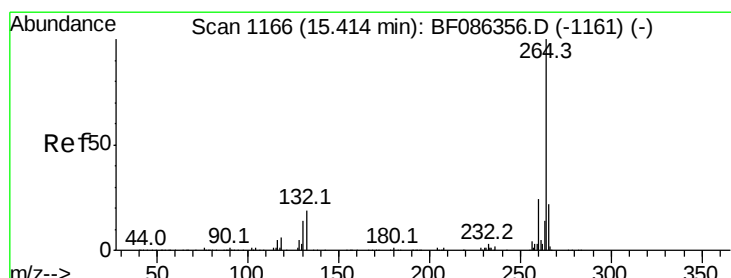
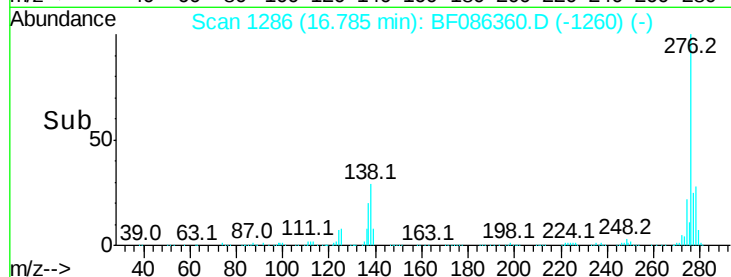
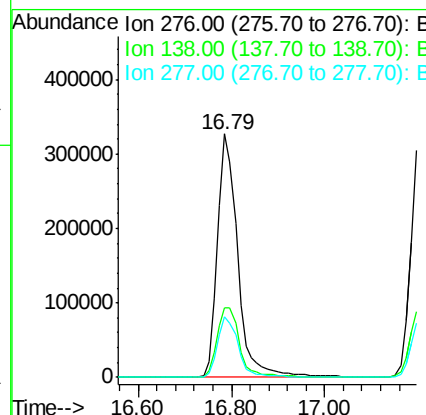
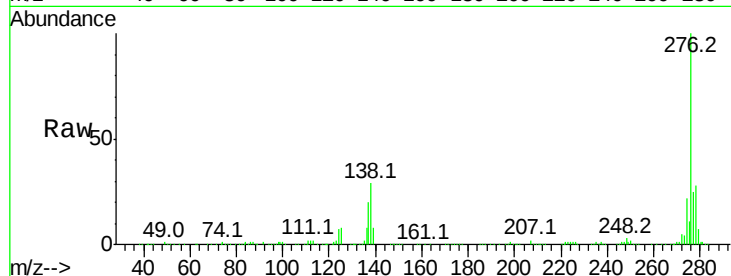
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.60 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042216

Tot Ion	Ratio	Resp	Lower	Upper
276	100	990163		
138	31.9	25.6	38.4	
277	25.5	20.5	30.7	

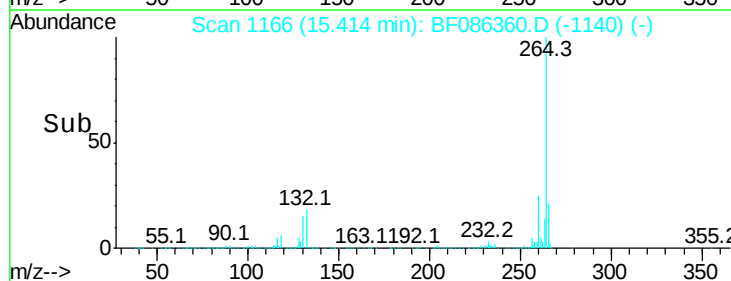
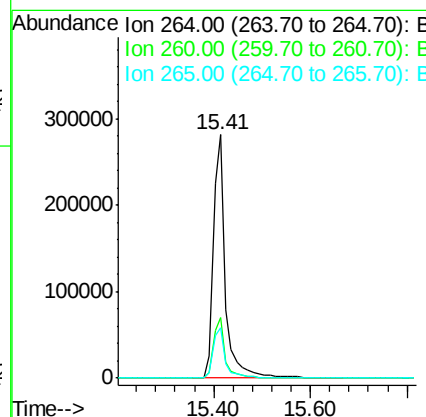
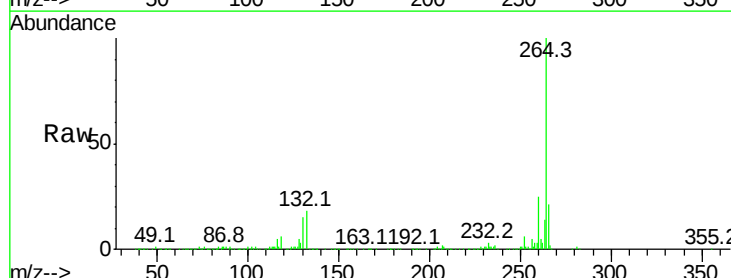
Manual Integrations
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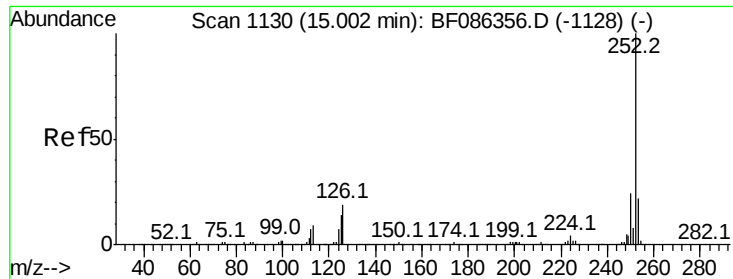
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF086360.D
 Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	490765		
260	24.8	19.5	29.3	
265	20.9	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 47.05 ng m

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:252 Resp: 1267485

Ion Ratio Lower Upper

252 100

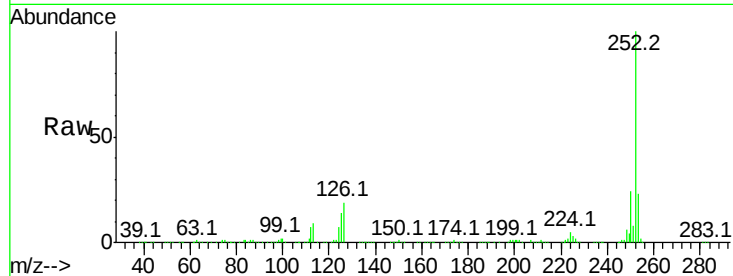
253 22.5 17.8 26.6

125 14.0 11.4 17.0

Manual Integrations
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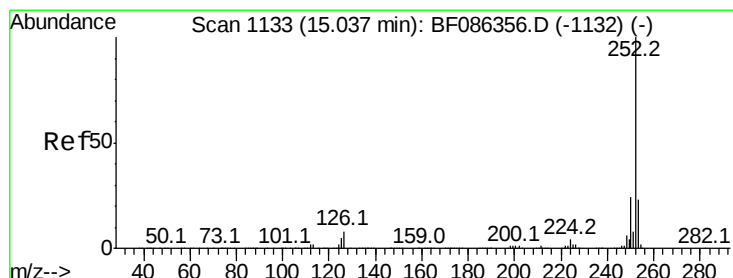
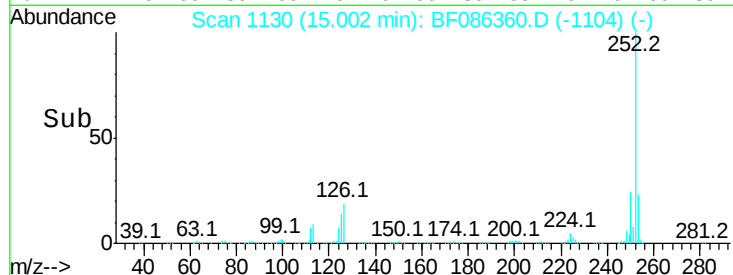
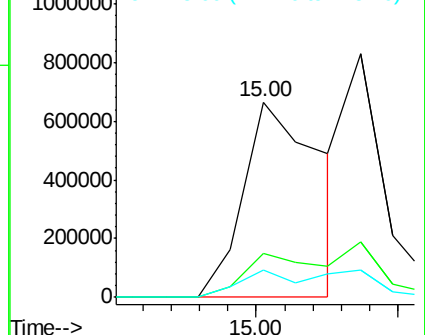
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.04 ng m

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Tgt Ion:252 Resp: 847115

Ion Ratio Lower Upper

252 100

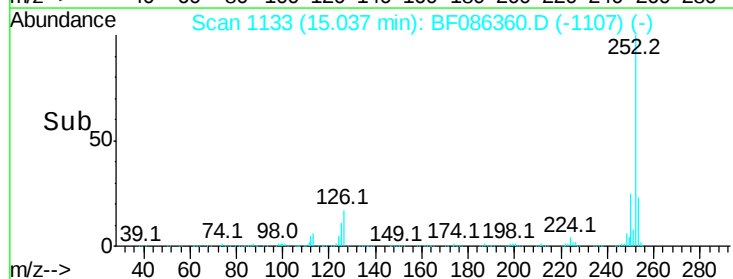
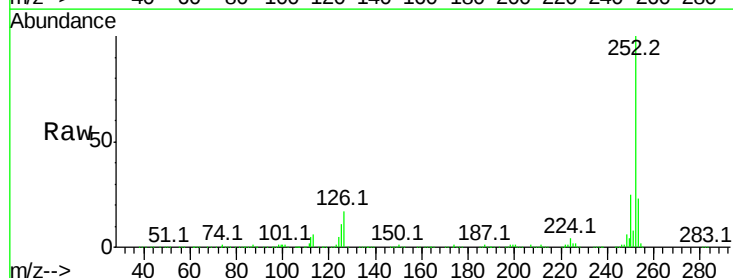
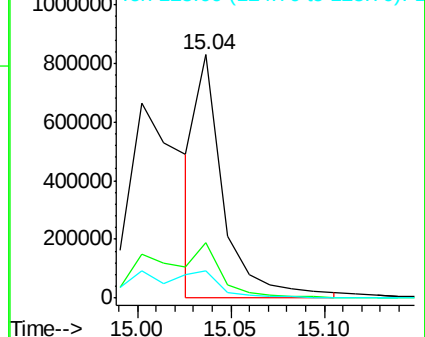
253 23.0 17.8 26.6

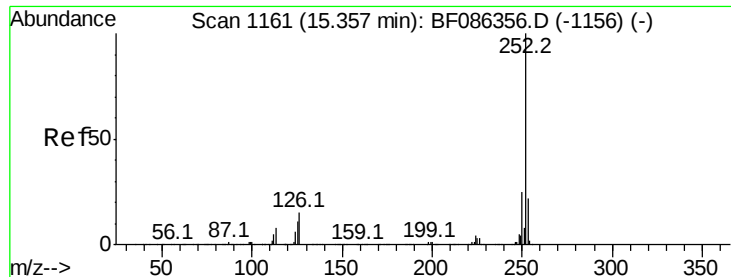
125 11.3 9.1 13.7

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





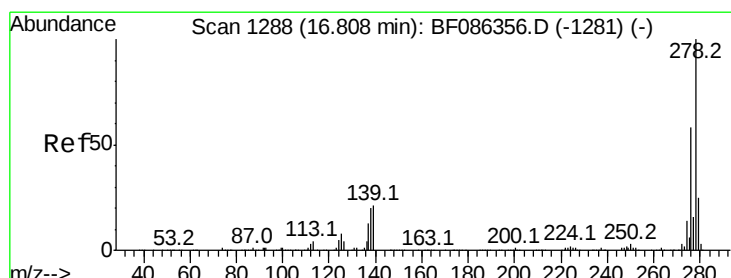
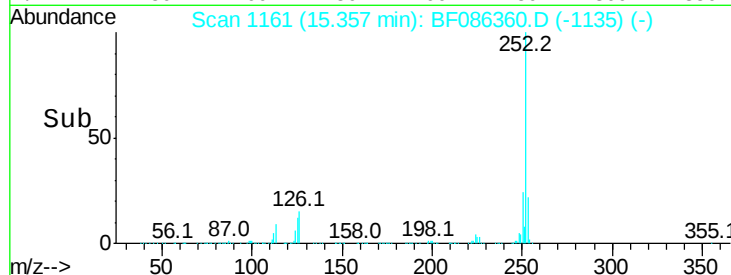
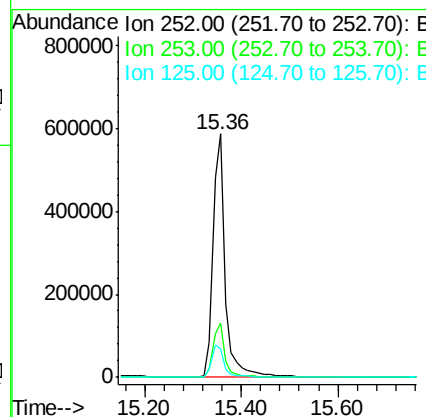
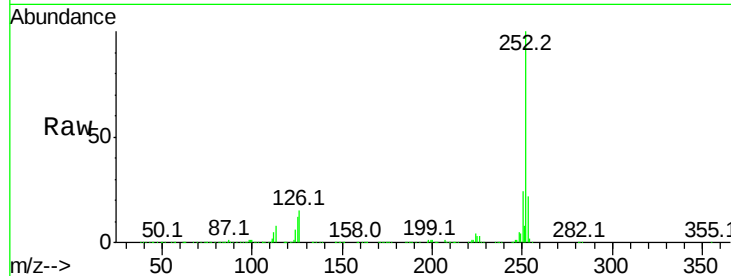
#89
Benzo(a)pyrene
Concen: 38.75 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Instrument :
BNA_F
ClientSampleId :
ICVBF042216

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.7	9.0	13.6

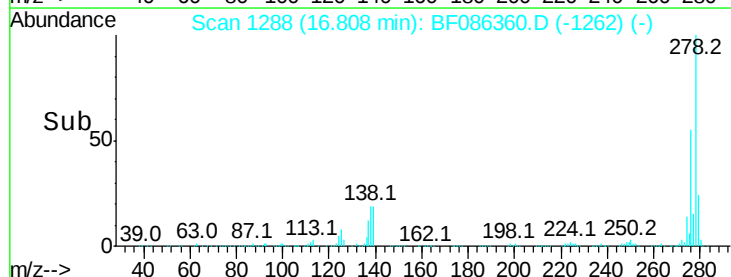
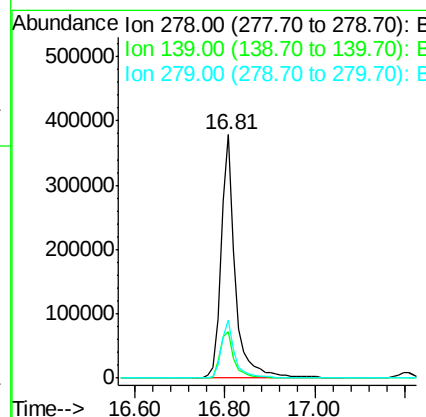
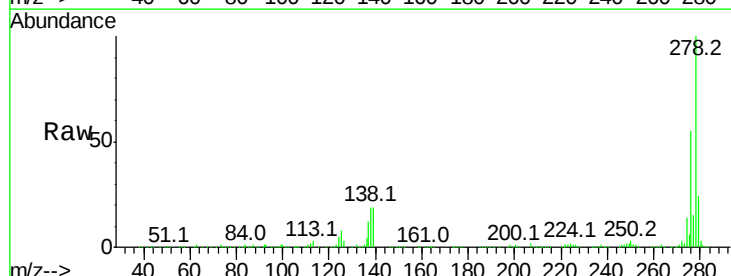
Manual Integrations
APPROVED

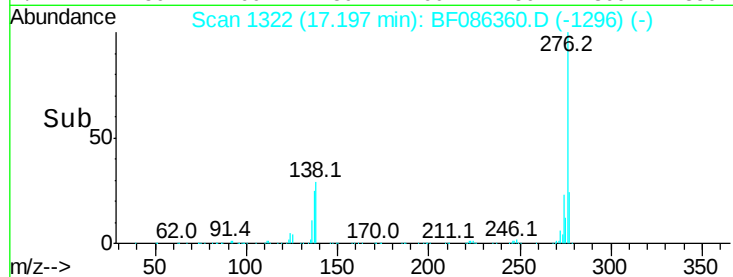
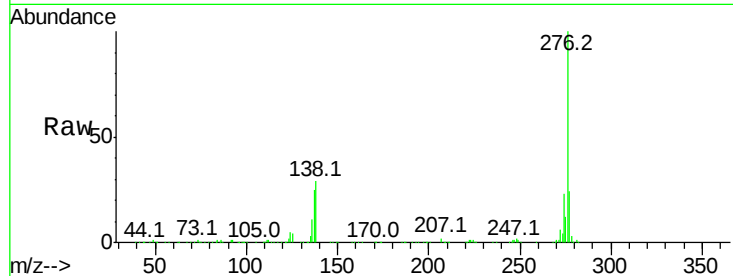
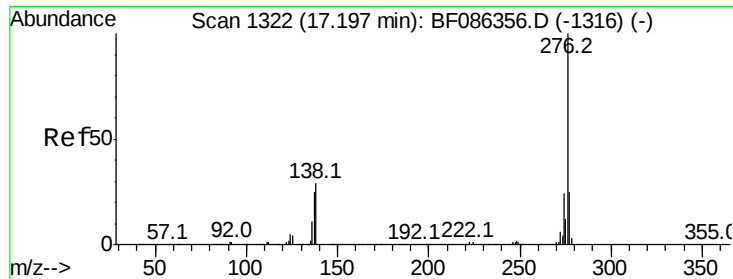
sohil
4/25/2016 12:35:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.39 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086360.D
Acq: 22 Apr 2016 22:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.6	24.8
279	23.6	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 36.74 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF086360.D

Acq: 22 Apr 2016 22:51

Instrument :

BNA_F

ClientSampleId :

ICVBF042216

Tot Ion:	276	Resp:	831410
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	28.9	23.6	35.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:39 PM

