

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092632.D
 Acq On : 30 Jan 2017 14:33
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Manual Integrations
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 1/31/2017 4:45:21 PM

Quant Time: Jan 30 15:13:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159259	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663834	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	351544	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	563489	20.00	ng	0.00
75) Chrysene-d12	14.13	240	436575	20.00	ng	-0.01
86) Perylene-d12	15.61	264	342113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	768941	82.83	ng	0.00
7) Phenol-d6	6.60	99	954813	79.94	ng	0.00
23) Nitrobenzene-d5	7.54	82	945717	79.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	199063	78.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1485094	76.53	ng	0.00
78) Terphenyl-d14	13.08	244	1478107	79.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	198566	39.59	ng	# 84
3) Pyridine	3.36	79	562056	44.07	ng	# 85
4) n-Nitrosodimethylamine	3.32	42	252636	42.18	ng	85
6) Aniline	6.62	93	646688	39.69	ng	# 62
8) 2-Chlorophenol	6.75	128	411991	40.23	ng	99
9) Benzaldehyde	6.51	77	366569	42.84	ng	97
10) Phenol	6.62	94	527533	37.75	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	433577	38.87	ng	91
12) 1,3-Dichlorobenzene	6.90	146	467690m	38.99	ng	
13) 1,4-Dichlorobenzene	6.98	146	480050	39.54	ng	98
14) 1,2-Dichlorobenzene	7.14	146	481794	41.50	ng	95
15) Benzyl Alcohol	7.10	79	337787	38.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	774775	39.98	ng	94
17) 2-Methylphenol	7.23	107	372348	42.38	ng	99
18) Hexachloroethane	7.48	117	169034	40.79	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	281801	37.06	ng	95
20) 3+4-Methylphenols	7.38	107	427549	40.70	ng	# 71
22) Acetophenone	7.38	105	560327	36.97	ng	# 92
24) Nitrobenzene	7.55	77	443921	36.27	ng	99
25) Isophorone	7.79	82	828407	37.29	ng	96
26) 2-Nitrophenol	7.87	139	240174	41.28	ng	95
27) 2,4-Dimethylphenol	7.92	122	407500	39.88	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	583277	39.65	ng	99
29) 2,4-Dichlorophenol	8.11	162	348720	36.59	ng	87
30) 1,2,4-Trichlorobenzene	8.19	180	388359	37.81	ng	# 94
31) Naphthalene	8.28	128	1279439	38.02	ng	98
32) Benzoic acid	8.03	122	212916	38.45	ng	98
33) 4-Chloroaniline	8.33	127	503073	38.12	ng	98
34) Hexachlorobutadiene	8.40	225	218742	38.71	ng	98
35) Caprolactam	8.70	113	123620	41.24	ng	# 77
36) 4-Chloro-3-methylphenol	8.82	107	394103	39.66	ng	88
37) 2-Methylnaphthalene	8.97	142	795578	36.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	391355	39.66	ng	99
40) Hexachlorocyclopentadiene	9.12	237	181946	40.87	ng	96

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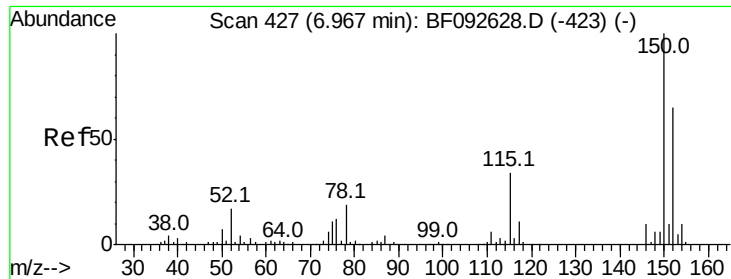
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	262633	40.50	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	271491	38.21	nq	96
45) 1,1'-Biphenyl	9.44	154	1058290	41.57	nq	99
46) 2-Chloronaphthalene	9.46	162	787169	39.53	nq	97
47) 2-Nitroaniline	9.55	65	260223	38.87	nq	90
48) Acenaphthylene	9.87	152	1296790	37.70	nq	99
49) Dimethylphthalate	9.73	163	854565	36.09	nq	99
50) 2,6-Dinitrotoluene	9.80	165	218209	42.67	nq	# 81
51) Acenaphthene	10.04	154	769446	37.41	nq	97
52) 3-Nitroaniline	9.97	138	251468	42.97	nq	# 77
53) 2,4-Dinitrophenol	10.08	184	93928	38.70	nq	90
54) Dibenzofuran	10.21	168	986584	35.86	nq	99
55) 4-Nitrophenol	10.13	139	152303	36.13	nq	91
56) 2,4-Dinitrotoluene	10.20	165	295100	43.35	nq	# 79
57) Fluorene	10.56	166	772683	36.51	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203668	42.97	nq	96
59) Diethylphthalate	10.43	149	848550	38.03	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	381197	37.49	nq	# 72
61) 4-Nitroaniline	10.58	138	217619	36.31	nq	93
62) Azobenzene	10.70	77	886038	38.43	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	137915	40.64	nq	83
65) n-Nitrosodiphenylamine	10.67	169	706469	39.25	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	225316	38.27	nq	# 90
67) Hexachlorobenzene	11.10	284	220101	37.83	nq	# 85
68) Atrazine	11.20	200	212571	36.80	nq	99
69) Pentachlorophenol	11.30	266	103757	38.64	nq	96
70) Phenanthrene	11.53	178	1285642	39.82	nq	98
71) Anthracene	11.57	178	1237179	38.16	nq	98
72) Carbazole	11.73	167	1266779	40.88	nq	98
73) Di-n-butylphthalate	12.05	149	1282986	38.28	nq	98
74) Fluoranthene	12.70	202	1264614	37.98	nq	97
76) Benzidine	12.83	184	685535	36.85	nq	95
77) Pyrene	12.94	202	1363376	41.73	nq	98
79) Butylbenzylphthalate	13.55	149	530135	39.96	nq	98
80) Benzo(a)anthracene	14.12	228	1044645	39.12	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	360865	37.91	nq	99
82) Chrysene	14.17	228	1082862	43.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	752491	41.47	nq	97
84) Di-n-octyl phthalate	14.73	149	1214418	41.10	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	700565	36.18	nq	95
87) Benzo(b)fluoranthene	15.17	252	1015466	45.10	nq	97
88) Benzo(k)fluoranthene	15.21	252	664294m	34.17	nq	
89) Benzo(a)pyrene	15.55	252	788620	40.49	nq	# 95
90) Dibenzo(a,h)anthracene	17.11	278	604298	38.39	nq	98
91) Benzo(g,h,i)perylene	17.53	276	604005	37.98	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

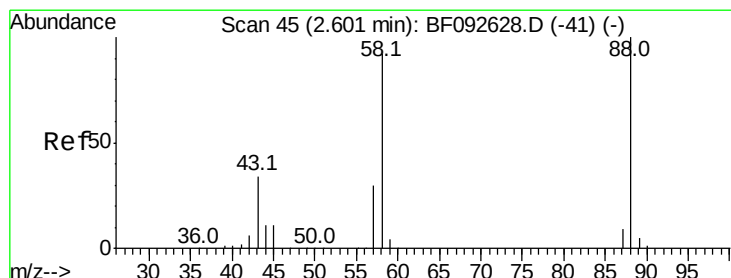
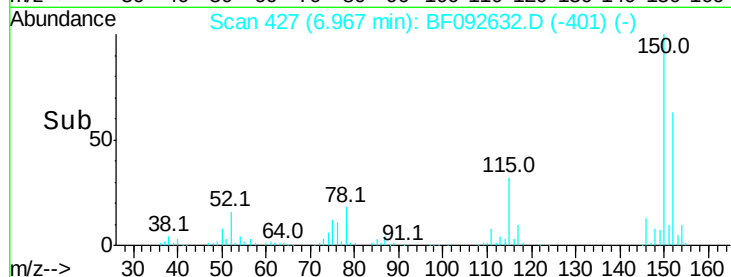
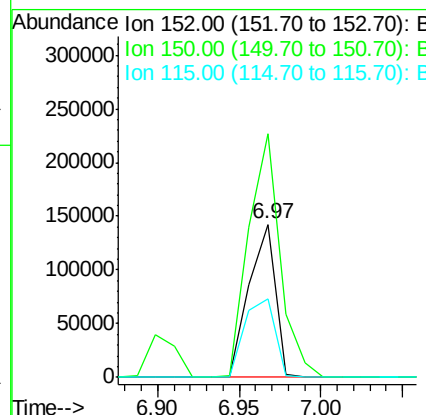
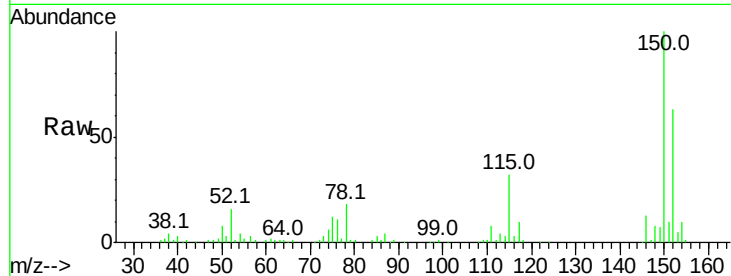
ClientSampleId :

ICVBF013017

Tot Ion:	152	Resp:	159259
Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.9	187.3
115	51.3	46.0	69.0

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#2

1,4-Dioxane

Concen: 39.59 ng

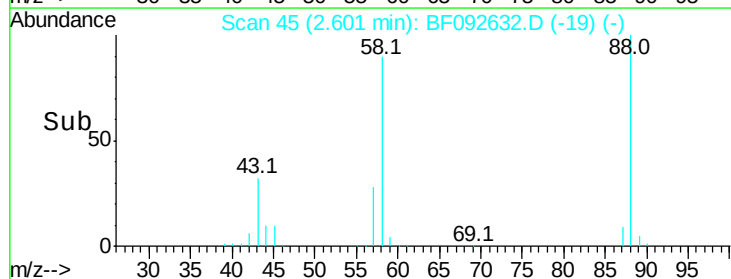
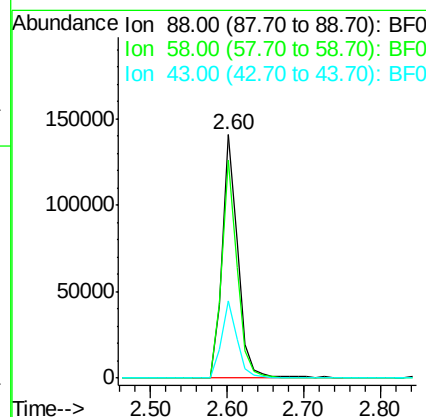
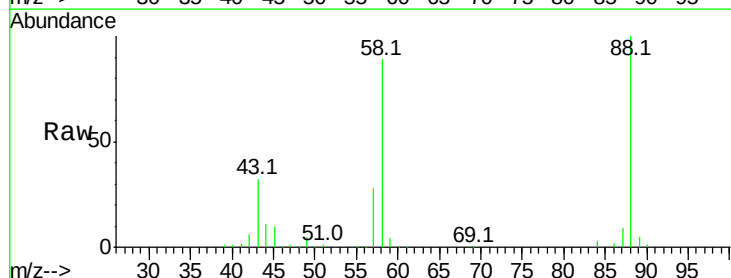
RT: 2.60 min Scan# 45

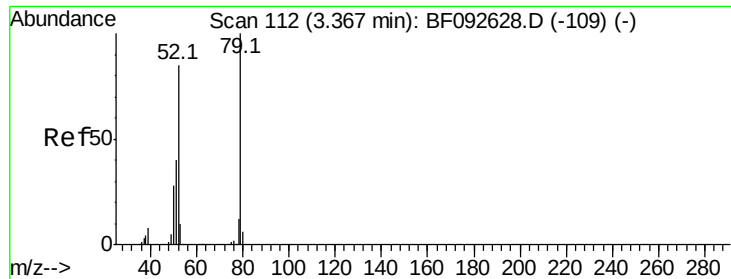
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:	88	Resp:	198566
Ion	Ratio	Lower	Upper
88	100		
58	88.4	57.8	86.8#
43	32.0	22.3	33.5





#3

Pvridine

Concen: 44.07 ng

RT: 3.36 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

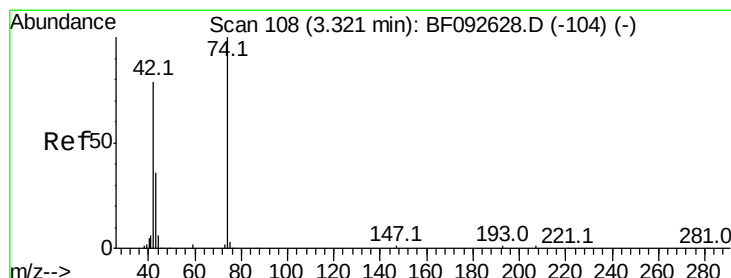
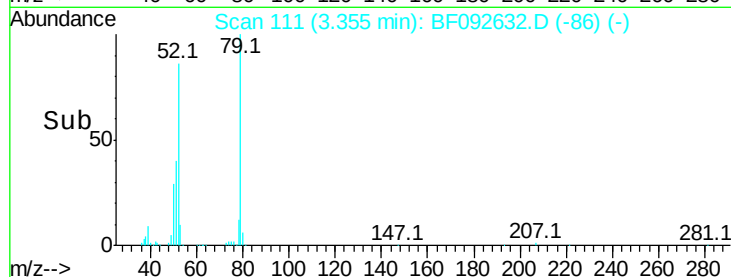
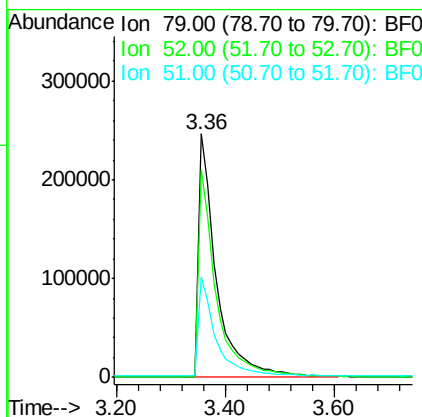
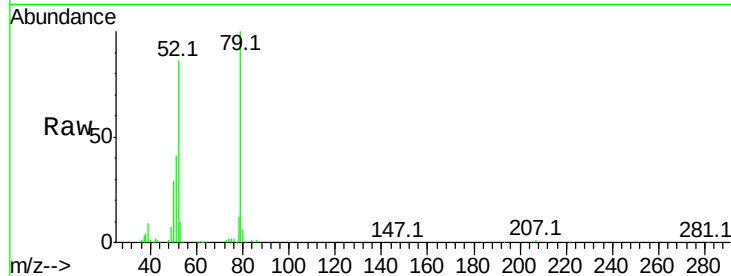
ICVBF013017

Tot Ion: 79 Resp: 562056

Ion	Ratio	Lower	Upper
79	100		
52	85.5	57.1	85.7
51	41.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 42.18 ng

RT: 3.32 min Scan# 108

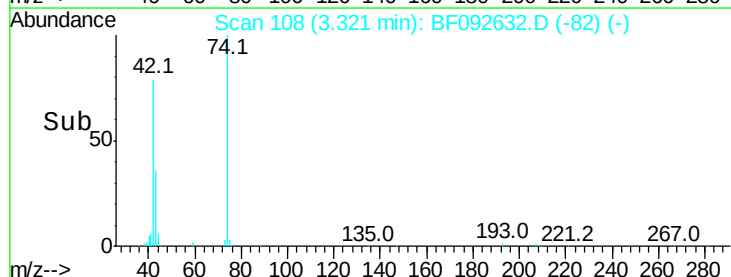
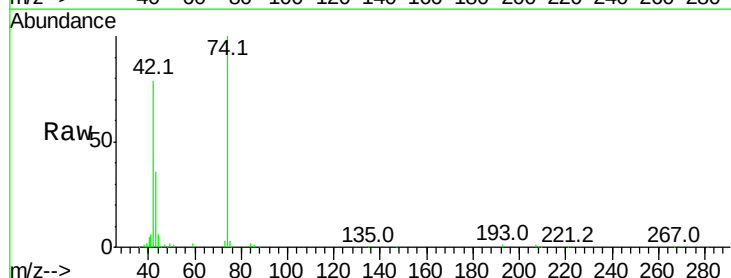
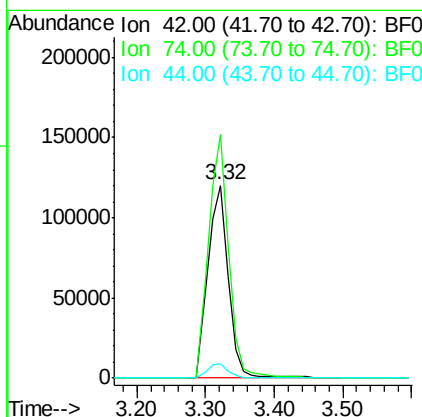
Delta R.T. -0.00 min

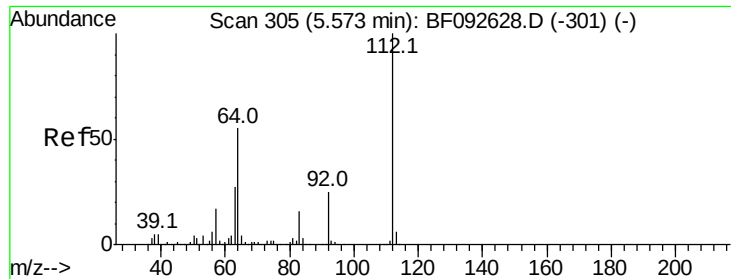
Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion: 42 Resp: 252636

Ion	Ratio	Lower	Upper
42	100		
74	126.4	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 82.83 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

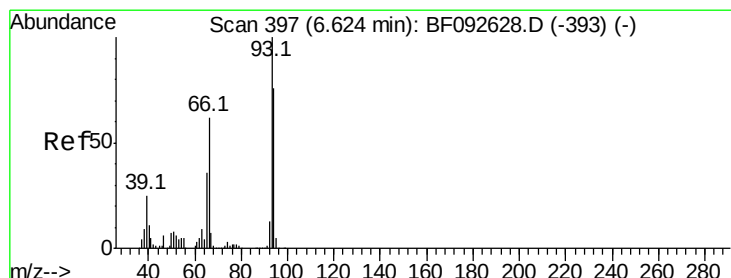
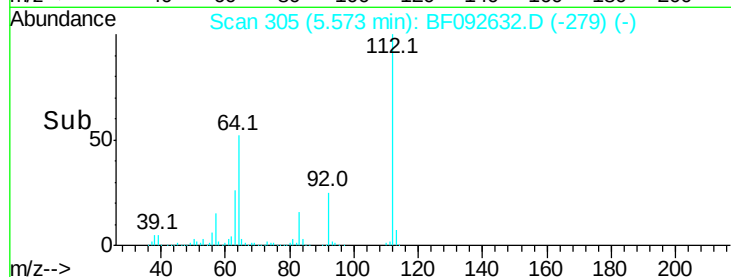
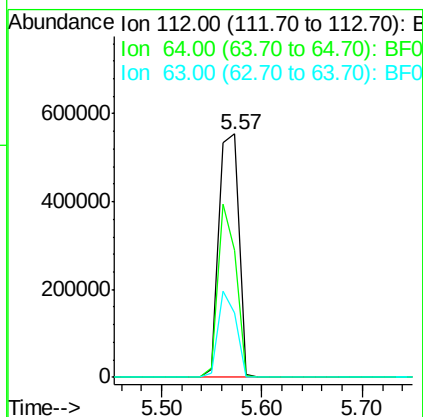
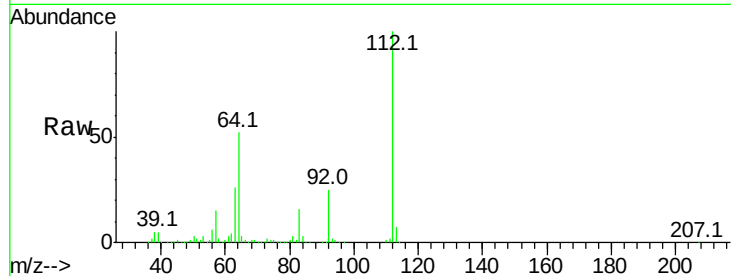
ClientSampleId :

ICVBF013017

Tot Ion:	112	Resp:	768941
Ion Ratio	Lower	Upper	
112	100		
64	52.0	46.1	69.1
63	26.3	23.8	35.6

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#6

Aniline

Concen: 39.69 ng

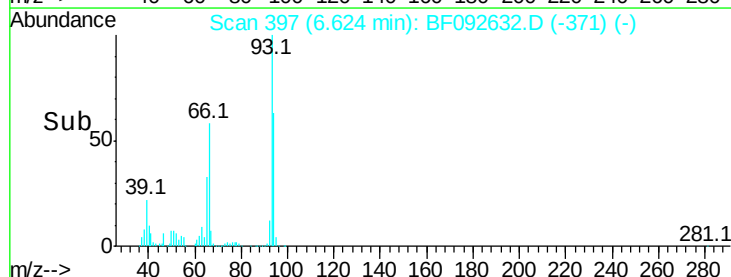
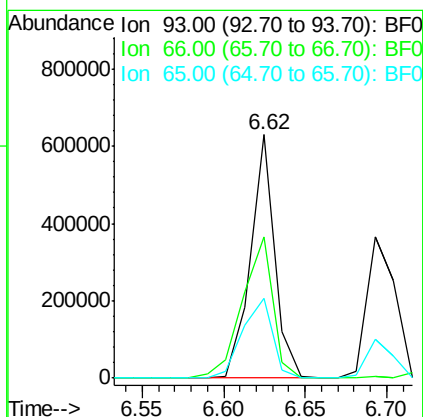
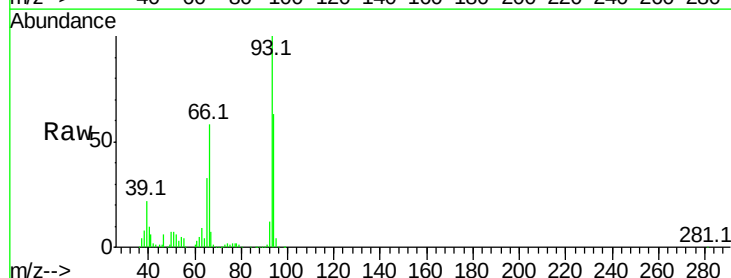
RT: 6.62 min Scan# 397

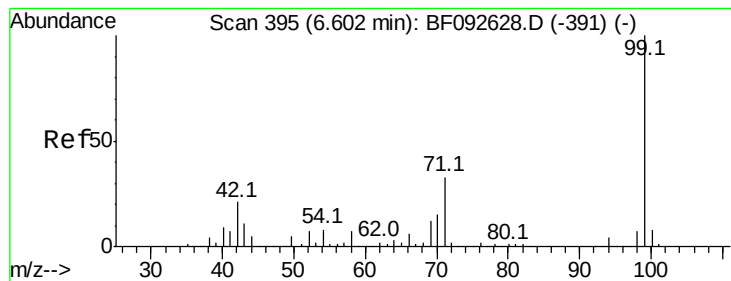
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:	93	Resp:	646688
Ion Ratio	Lower	Upper	
93	100		
66	58.0	76.2	114.2#
65	33.0	49.3	73.9#





#7

Phenol-d6

Concen: 79.94 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

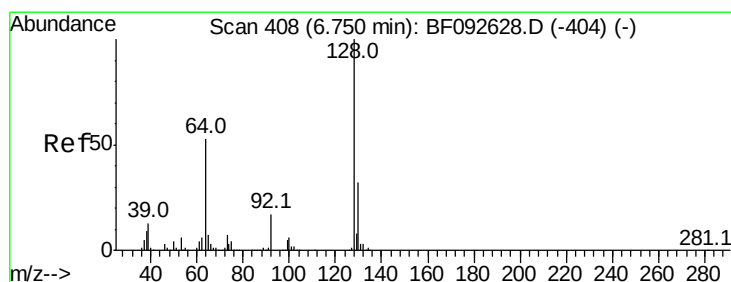
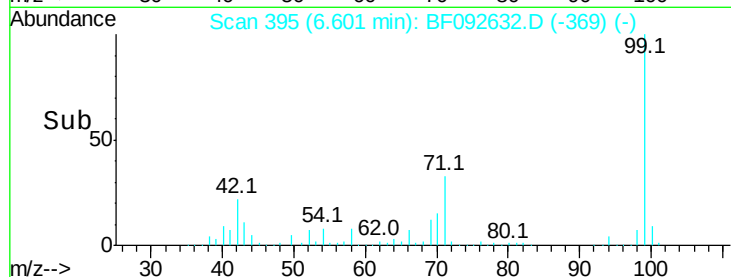
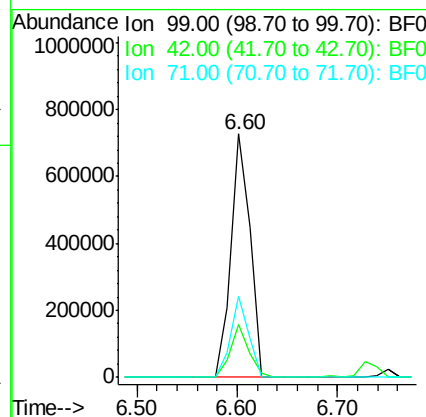
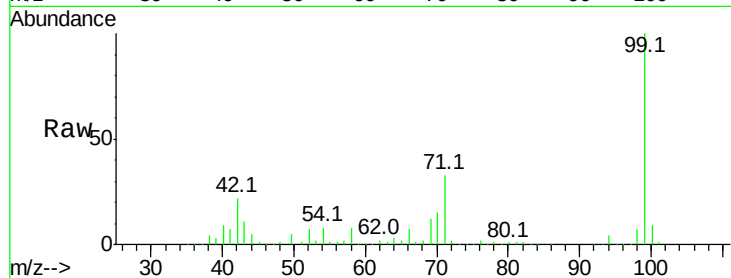
ClientSampleId :

ICVBF013017

Tot Ion:	99	Resp:	954813
Ion Ratio	Lower	Upper	
99	100		
42	21.8	15.6	23.4
71	33.2	27.5	41.3

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#8

2-Chlorophenol

Concen: 40.23 ng

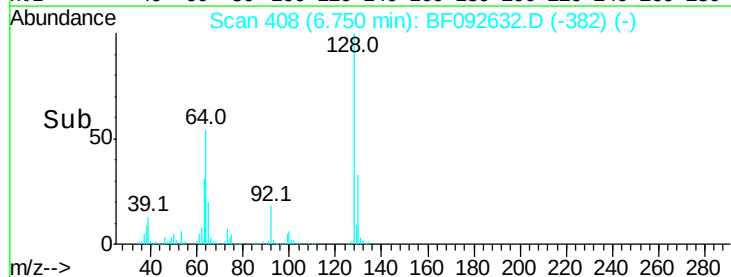
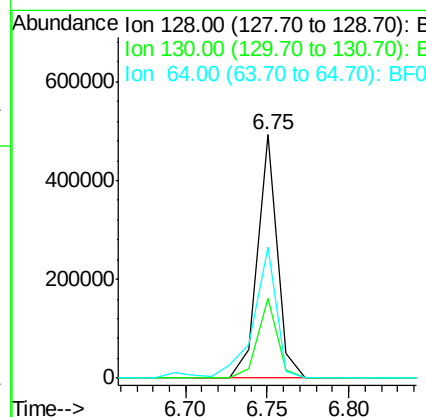
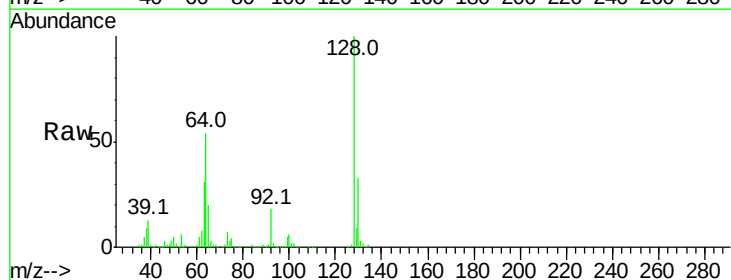
RT: 6.75 min Scan# 408

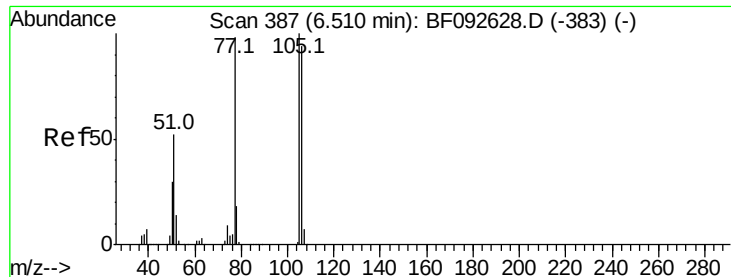
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:	128	Resp:	411991
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.3	52.3
64	53.6	32.2	72.2





#9

Benzaldehyde

Concen: 42.84 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

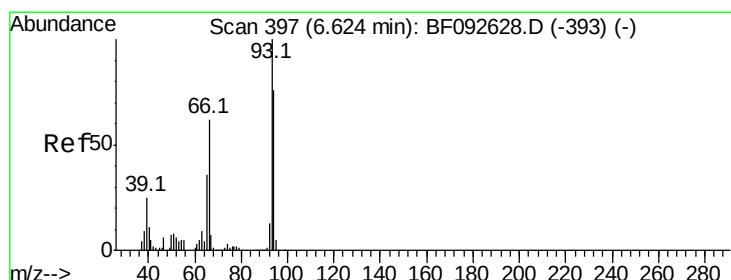
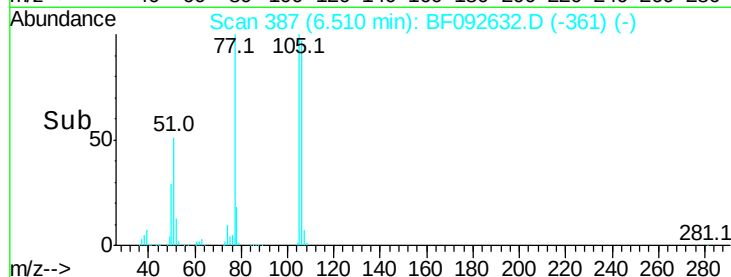
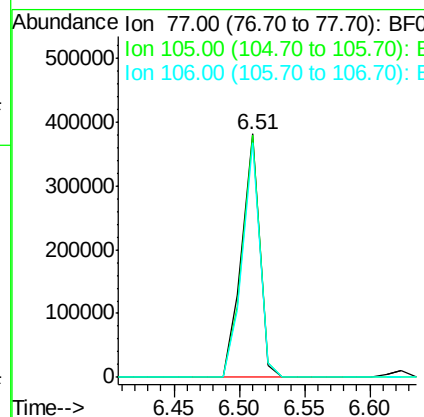
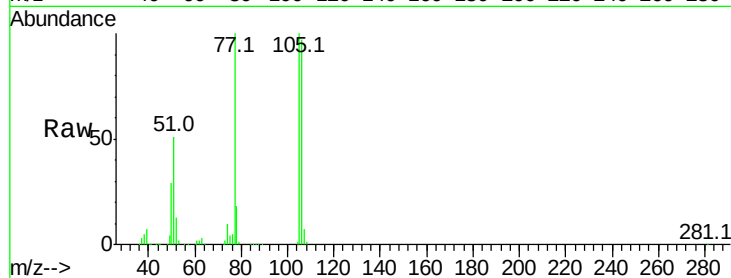
ICVBF013017

Tot Ion: 77 Resp: 366569

Ion	Ratio	Lower	Upper
77	100		
105	99.8	83.9	123.9
106	96.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 37.75 ng

RT: 6.62 min Scan# 397

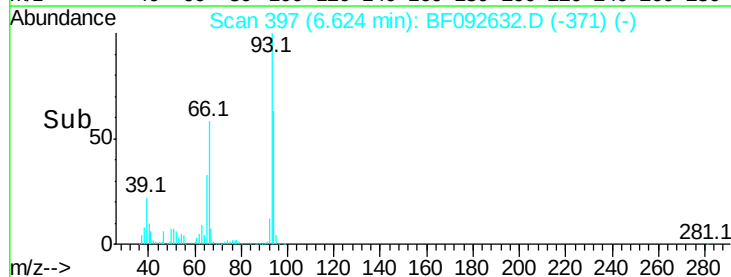
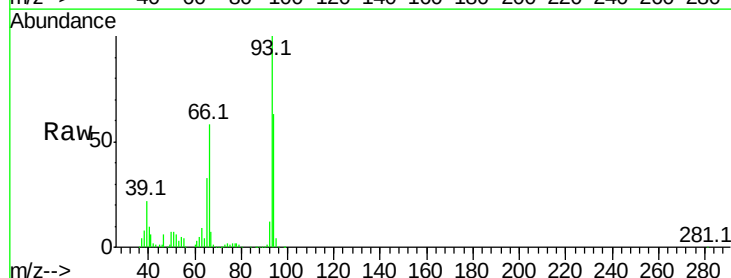
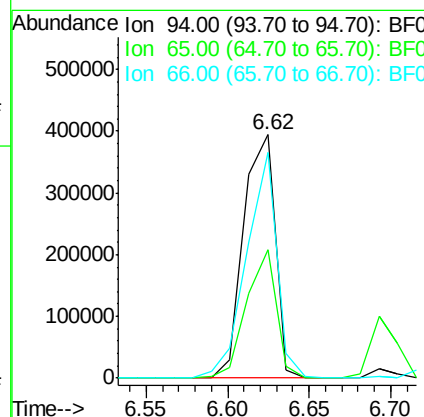
Delta R.T. -0.00 min

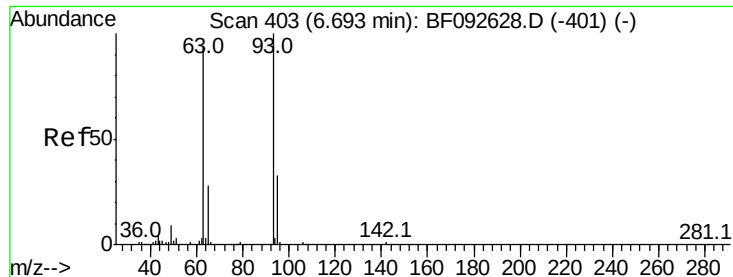
Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion: 94 Resp: 527533

Ion	Ratio	Lower	Upper
94	100		
65	52.6	21.4	61.4
66	92.7	44.0	84.0#





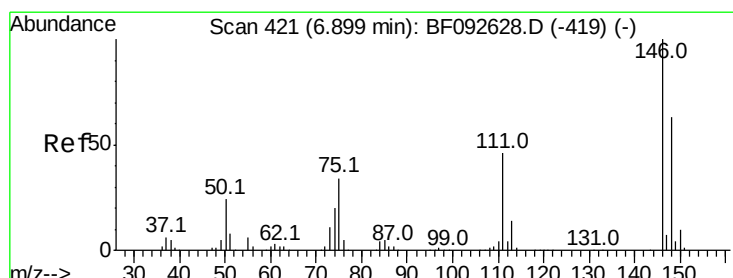
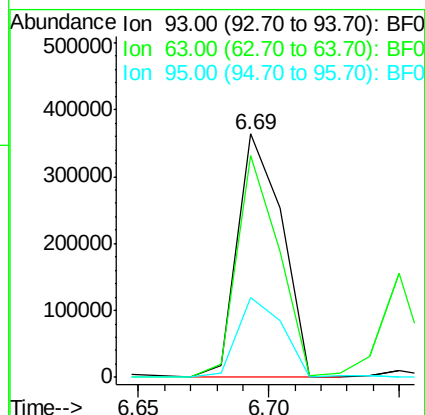
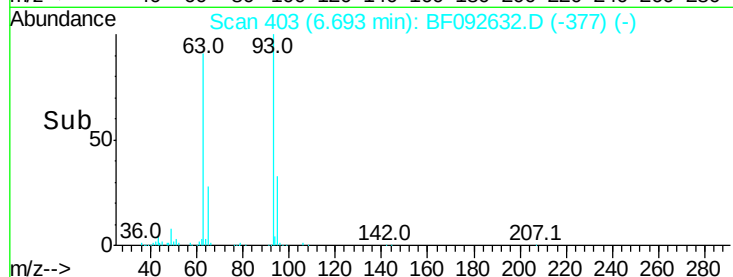
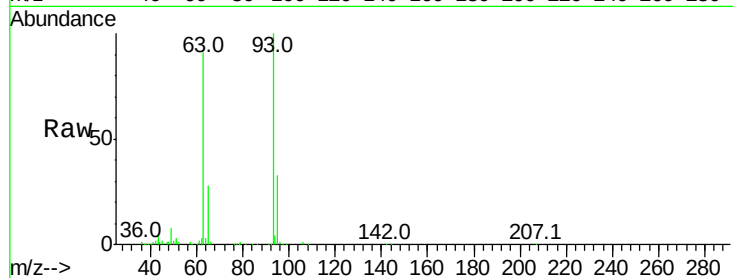
#11
bis(2-Chloroethyl)ether
Concen: 38.87 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	60.4	100.4
95	33.0	12.8	52.8

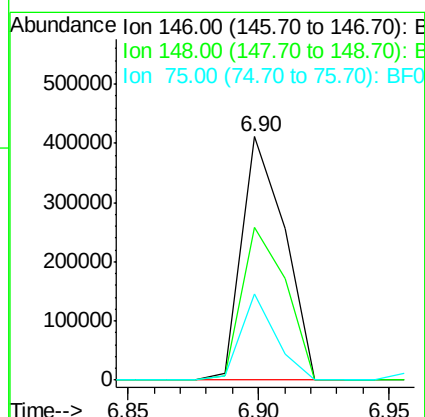
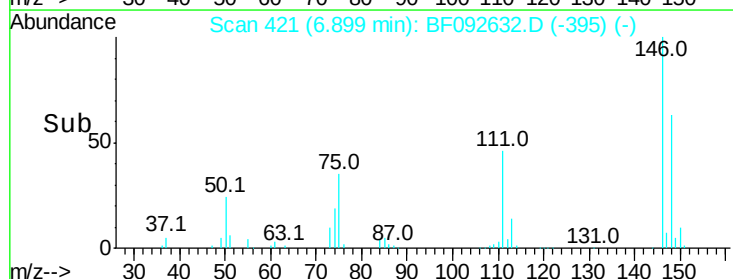
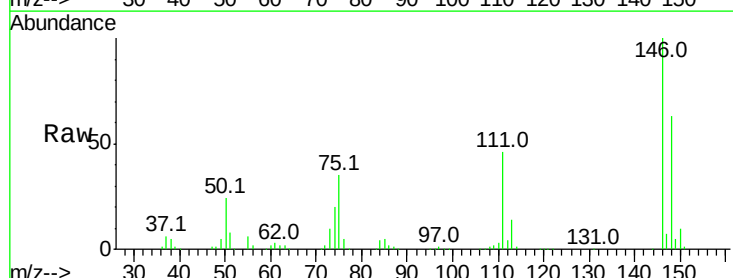
Manual Integrations
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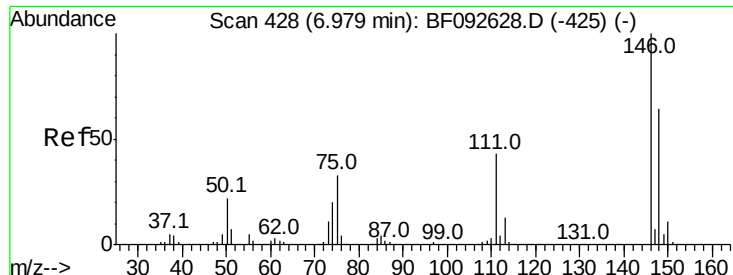
mohammad
1/31/2017 4:45:21 PM



#12
1,3-Dichlorobenzene
Concen: 38.99 ng m
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	35.2	18.5	27.7





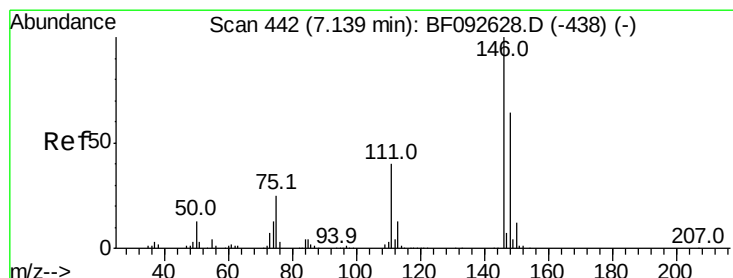
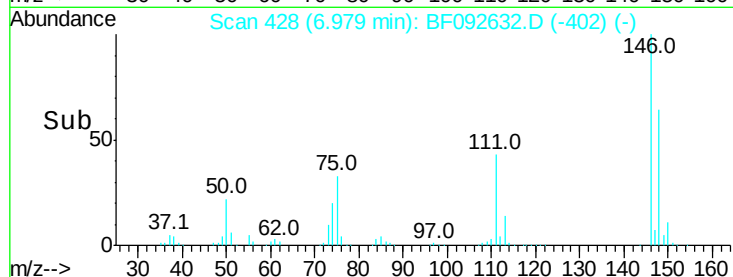
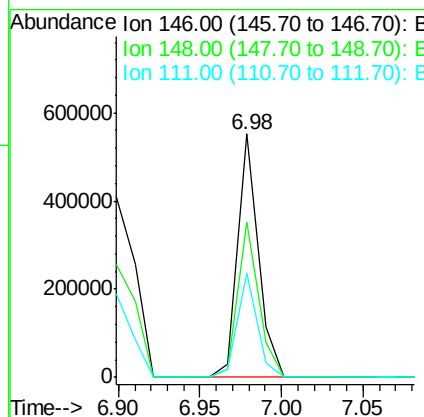
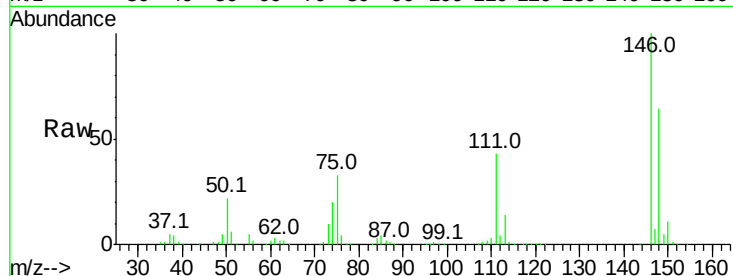
#13
 1,4-Dichlorobenzene
 Concen: 39.54 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	42.8	36.2	54.4

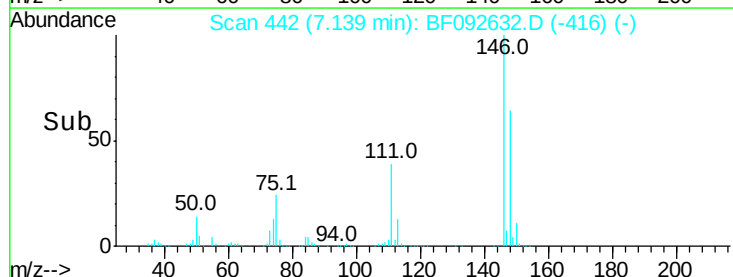
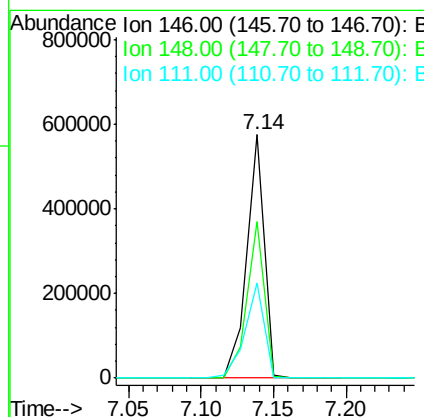
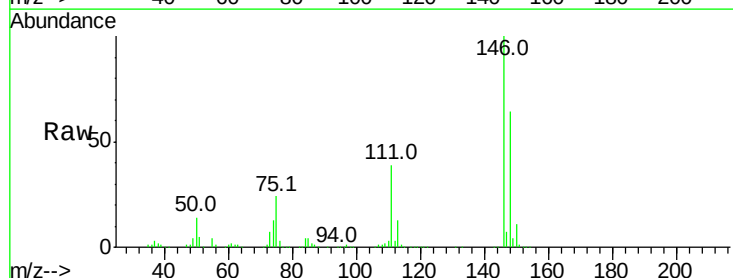
Manual Integrations
 APPROVED

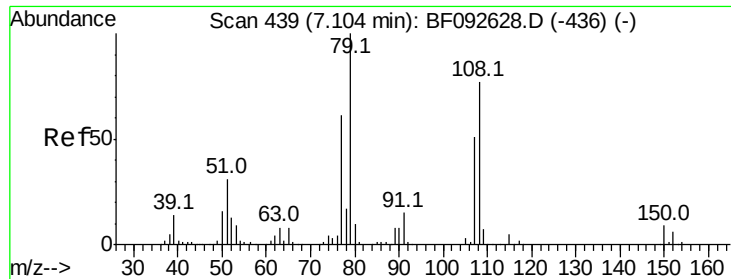
mohammad
 1/31/2017 4:45:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.50 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	39.0	36.2	54.2





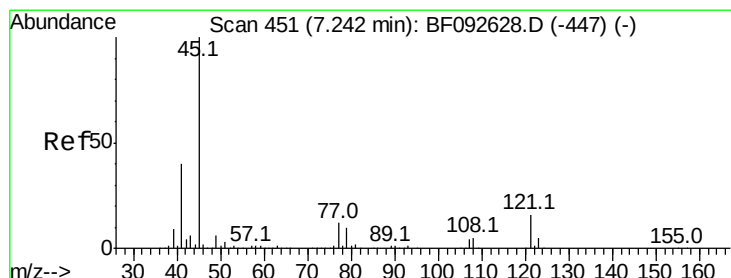
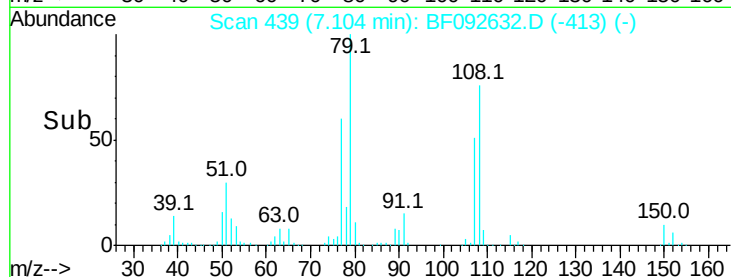
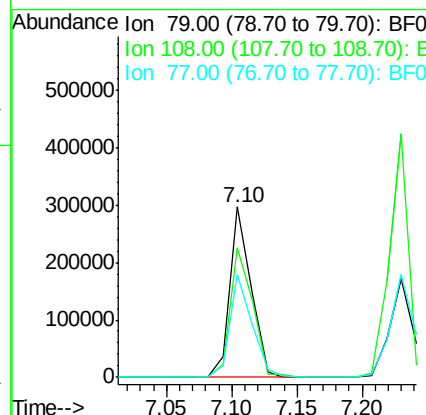
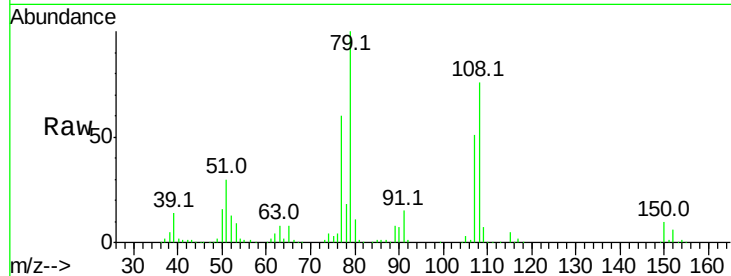
#15
Benzyl Alcohol
Concen: 38.20 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	61.4	92.0
77	60.5	50.9	76.3

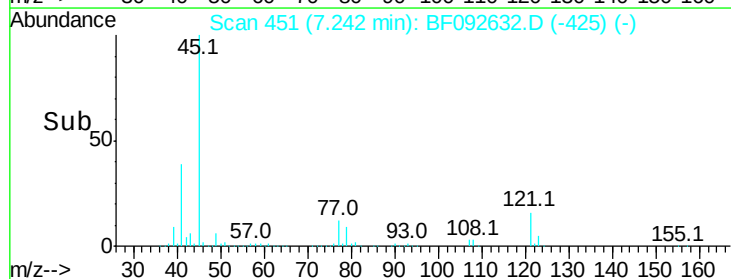
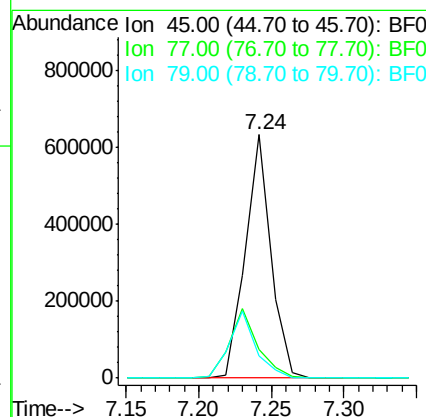
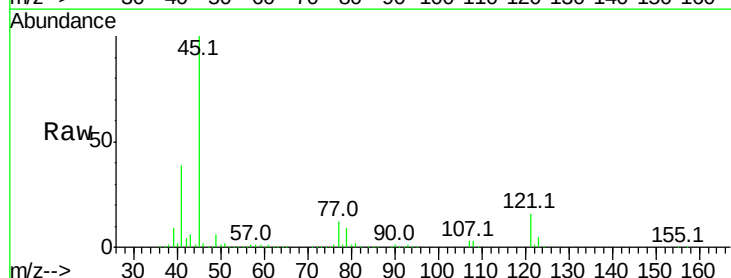
Manual Integrations
APPROVED

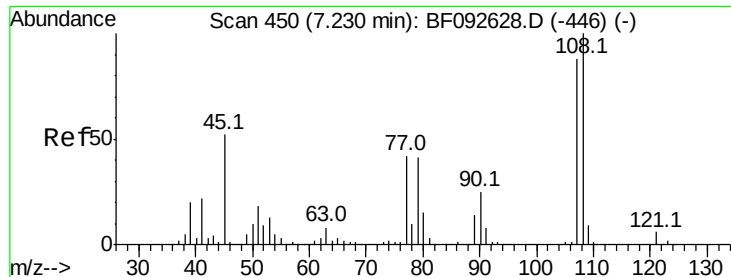
mohammad
1/31/2017 4:45:21 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.98 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	34.6
79	9.1	0.0	31.2





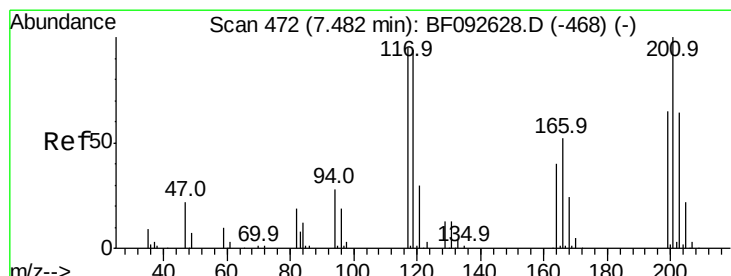
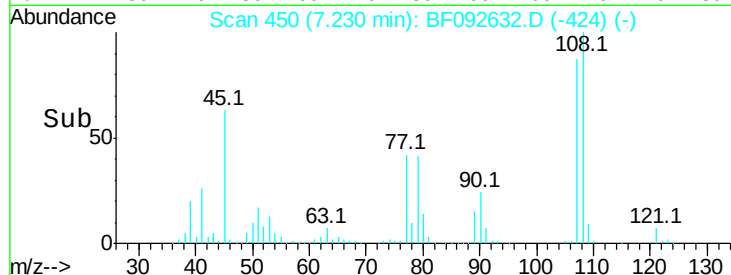
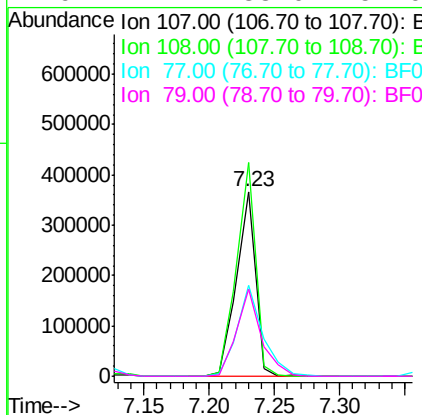
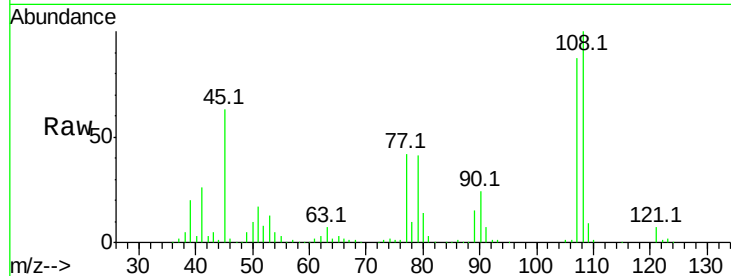
#17
2-Methylphenol
Concen: 42.38 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.0	139.6
77	48.9	39.8	59.8
79	47.1	38.0	57.0

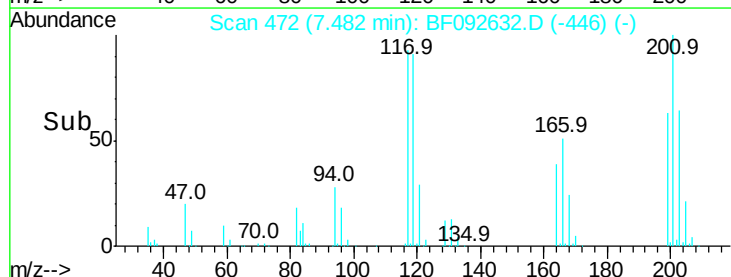
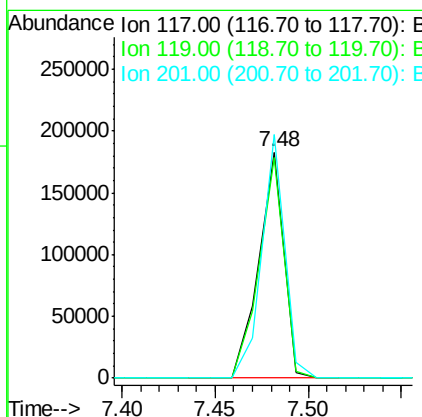
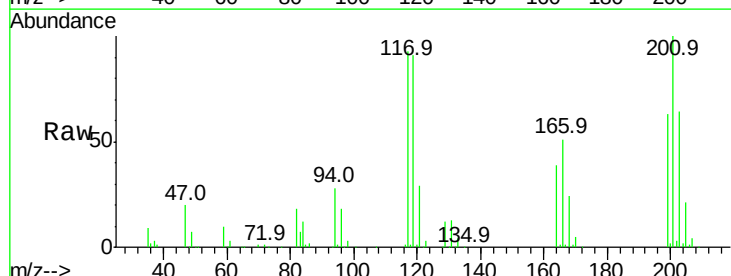
Manual Integrations
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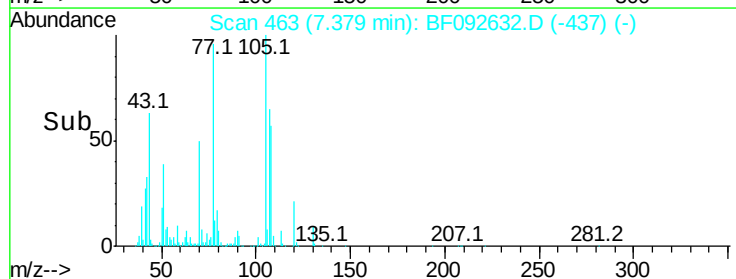
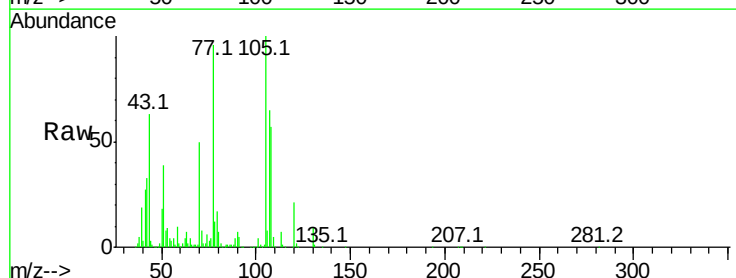
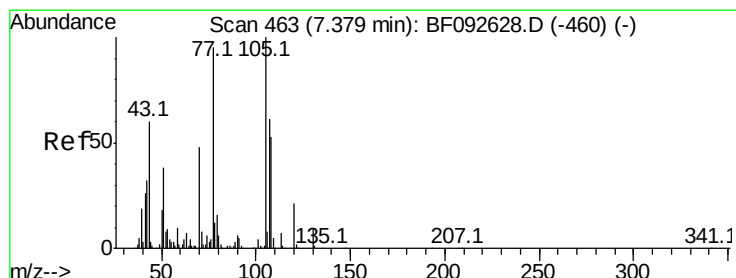
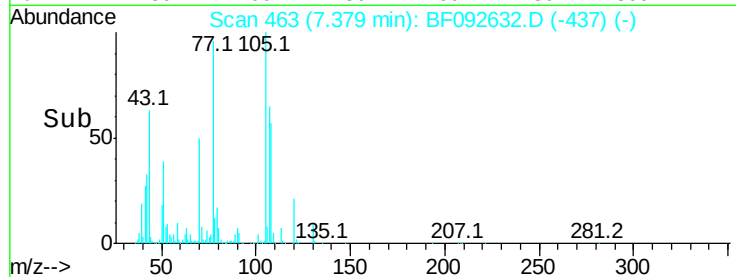
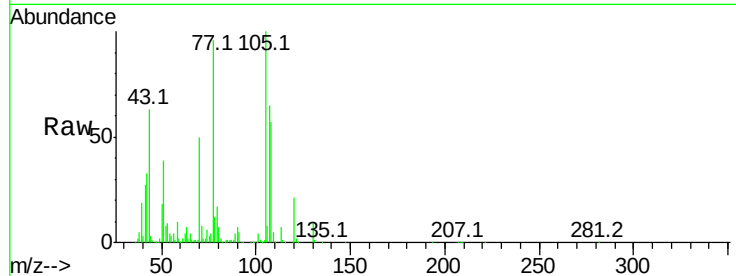
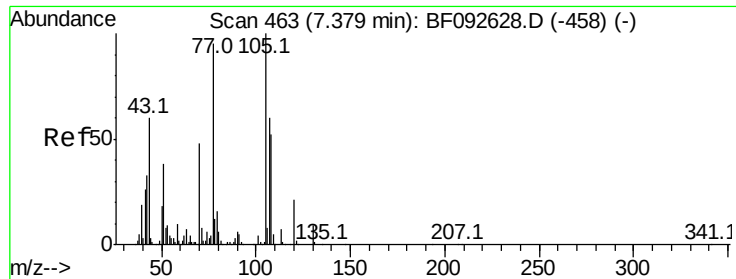
mohammad
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#18
Hexachloroethane
Concen: 40.79 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.1	117.1
201	107.8	78.6	117.8





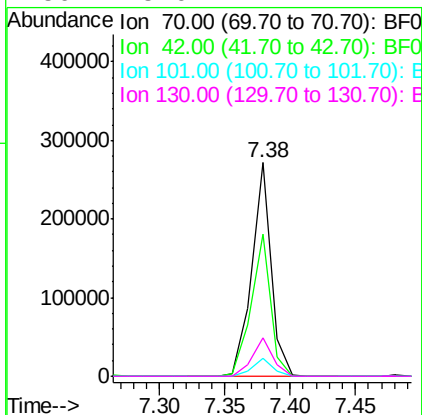
#19
n-Nitroso-di-n-propylamine
Concen: 37.06 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	49.4	74.0
101	8.6	7.4	11.2
130	18.0	14.2	21.4

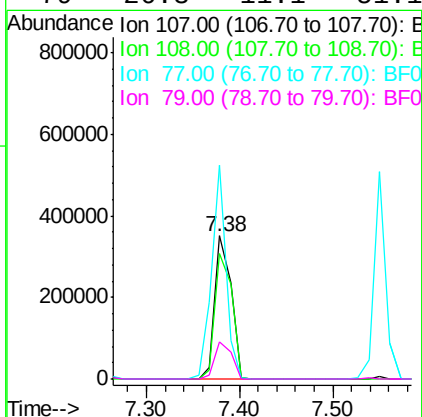
Manual Integrations
APPROVED

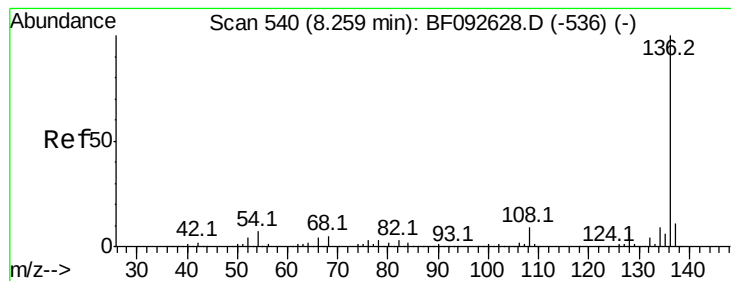
mohammad
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#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	149.2	71.3	111.3#
79	26.3	11.1	51.1





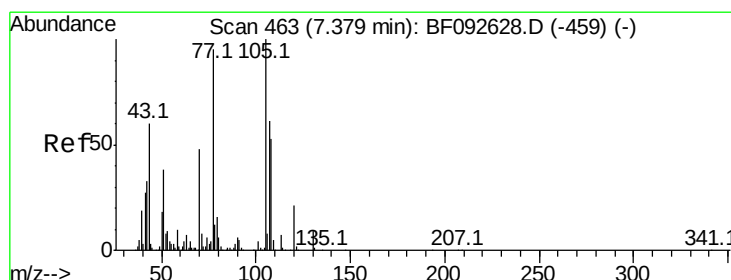
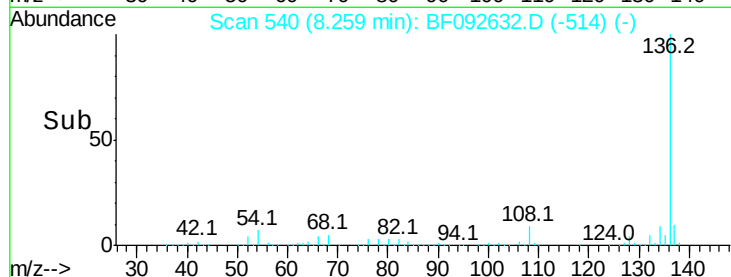
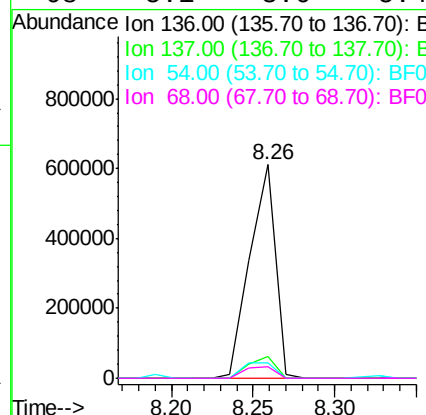
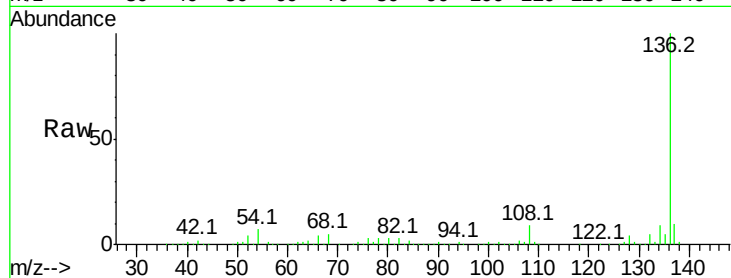
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.4	12.6	
54	7.4	4.5	6.7	
68	5.1	3.6	5.4	

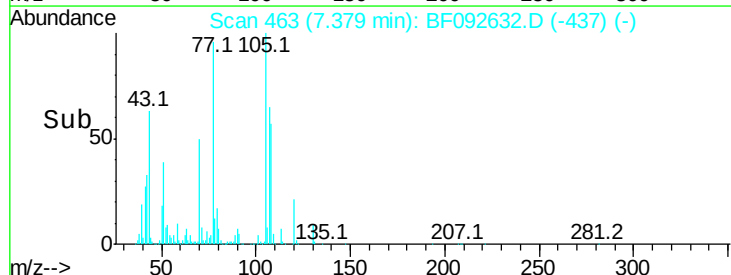
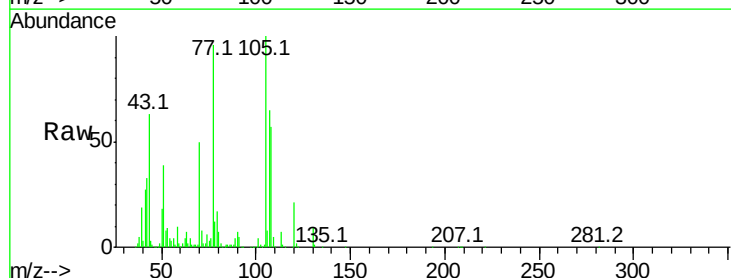
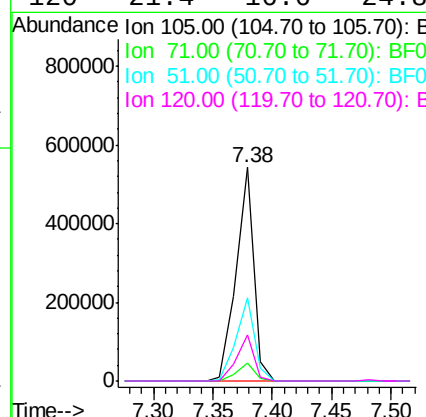
Manual Integrations
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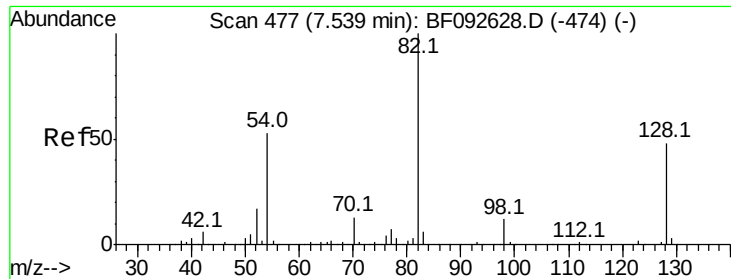
mohammad
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#22
Acetophenone
Concen: 36.97 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	3.2	4.8	
51	38.8	26.2	39.4	
120	21.4	16.6	24.8	





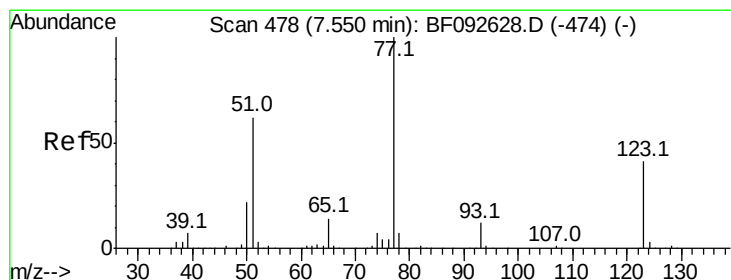
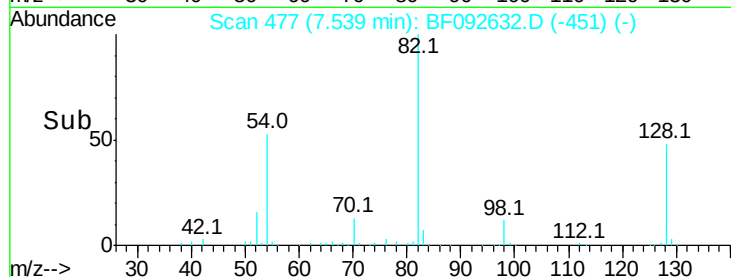
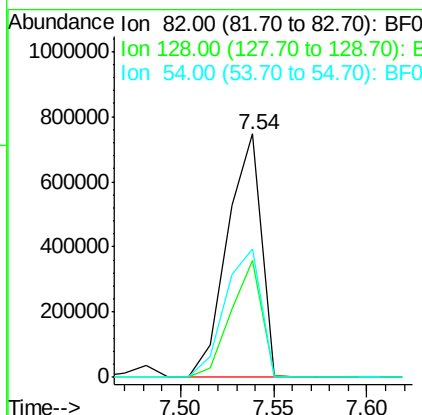
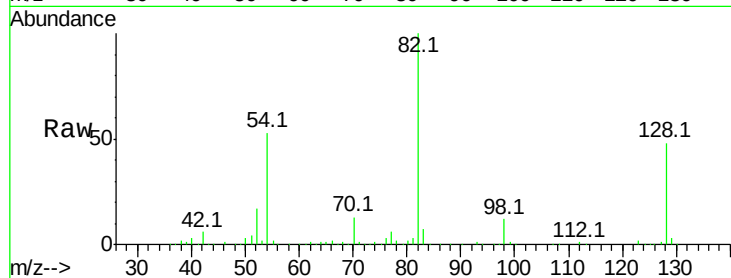
#23
 Nitrobenzene-d5
 Concen: 79.33 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	52.0
54	52.6	39.5	59.3

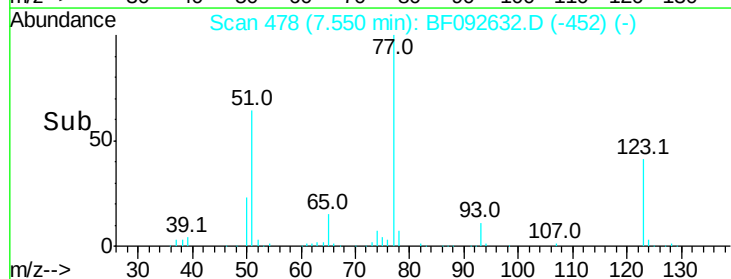
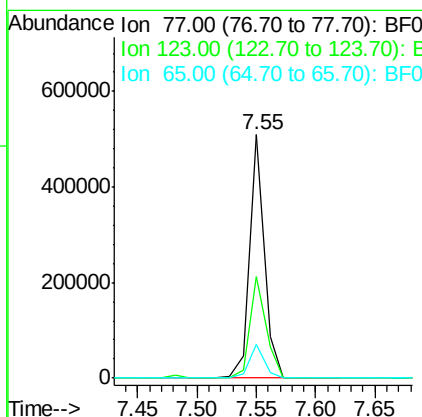
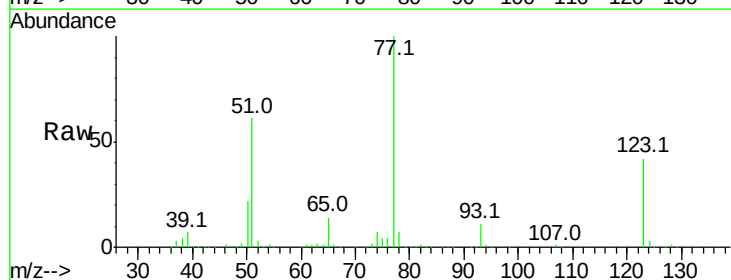
Manual Integrations
 APPROVED

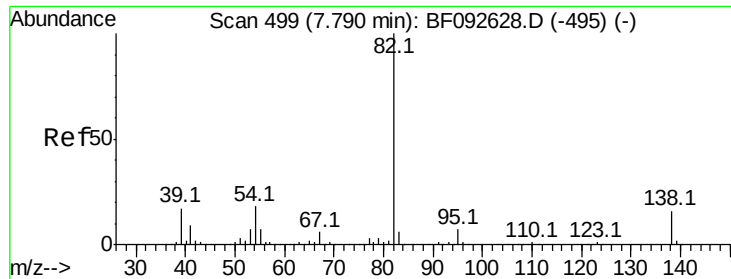
mohammad
 1/31/2017 4:45:21 PM



#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 37.29 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

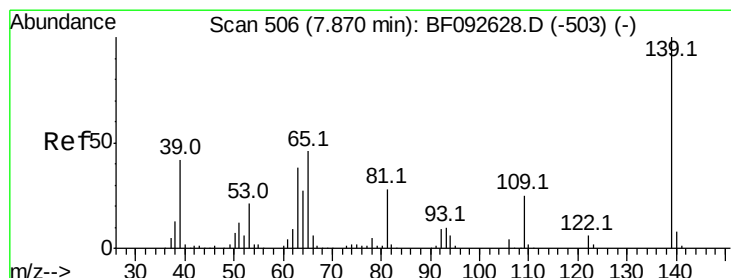
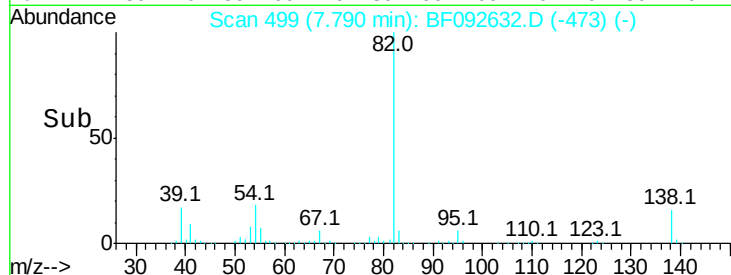
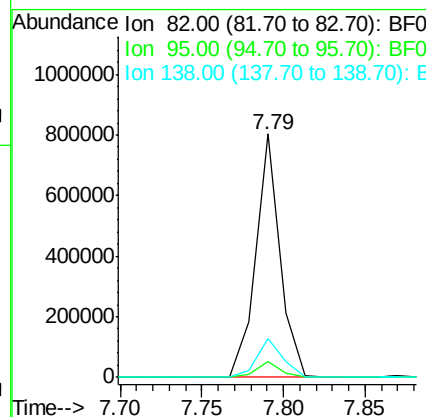
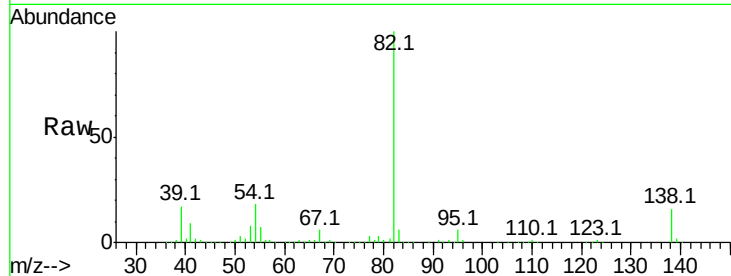
ClientSampleId :

ICVBF013017

Tot Ion:	82	Resp:	828407
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	16.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.28 ng

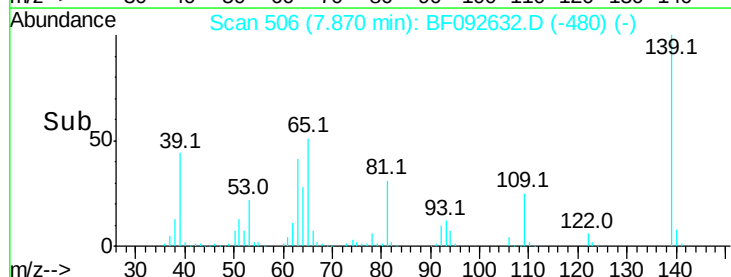
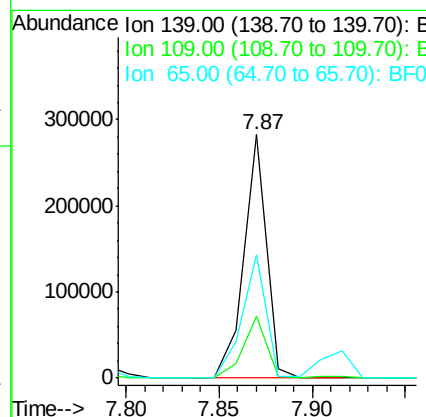
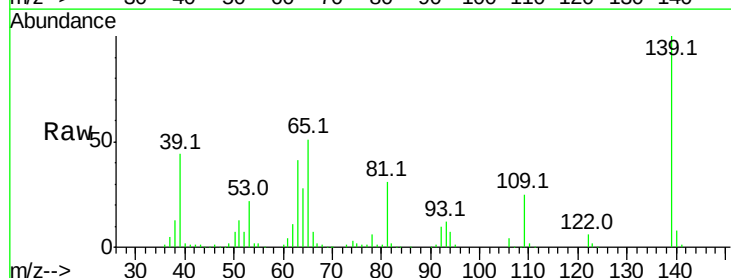
RT: 7.87 min Scan# 506

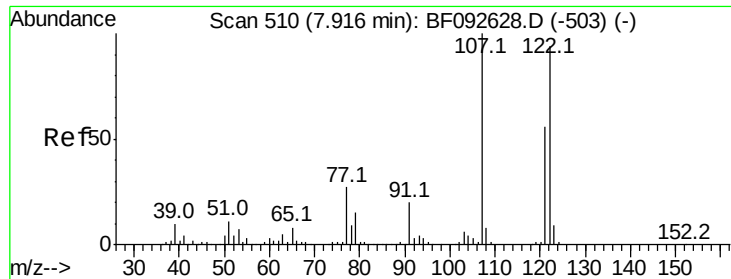
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:	139	Resp:	240174
Ion Ratio	Lower	Upper	
139	100		
109	25.3	23.3	34.9
65	50.5	42.7	64.1





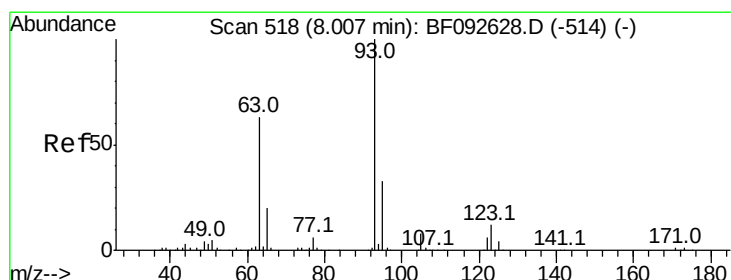
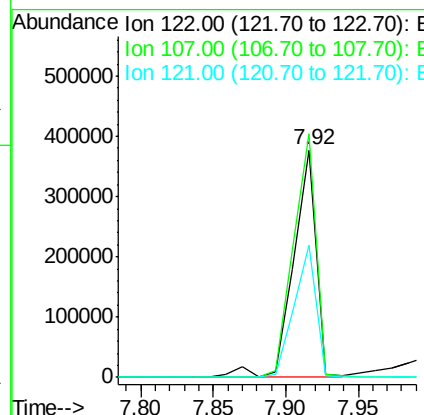
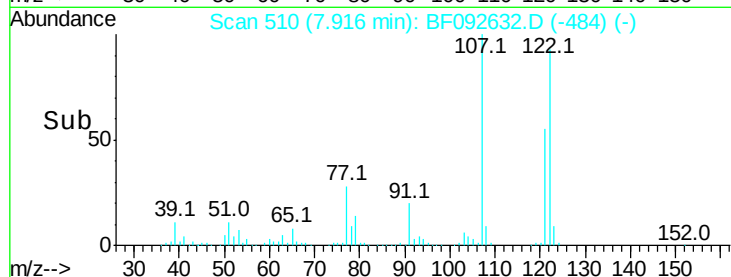
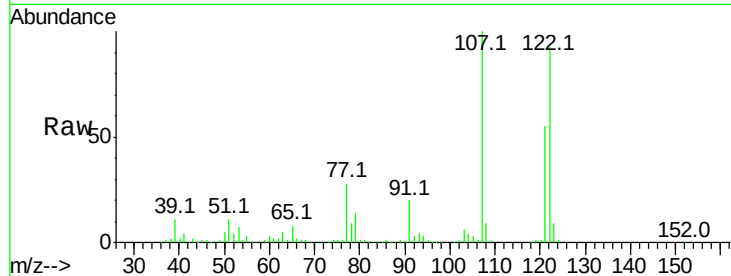
#27
 2,4-Dimethylphenol
 Concen: 39.88 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
122	100	407500		
107	107.2	94.1	141.1	
121	58.5	46.0	69.0	

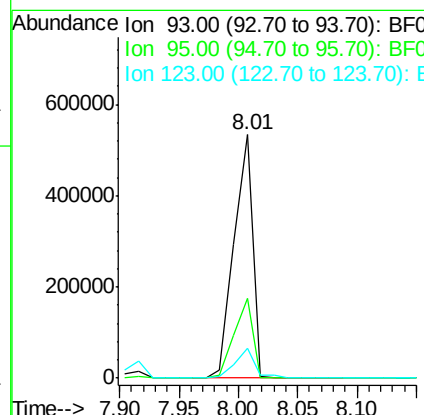
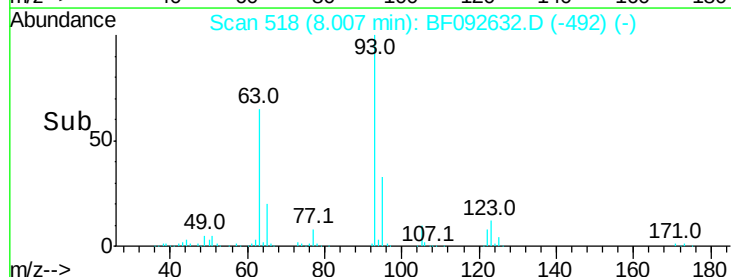
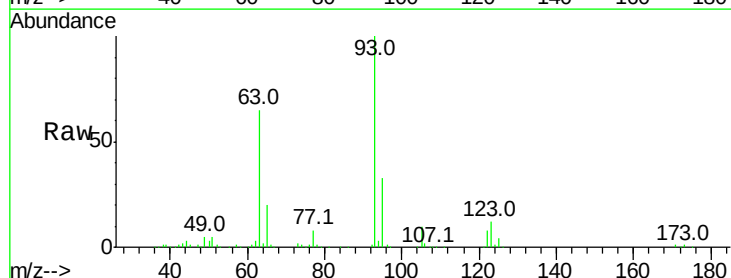
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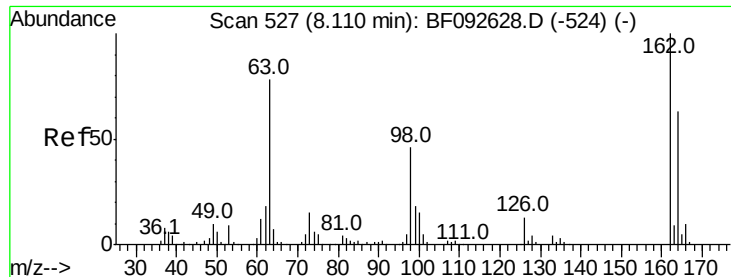
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.65 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	583277		
95	32.9	26.5	39.7	
123	12.0	8.6	13.0	





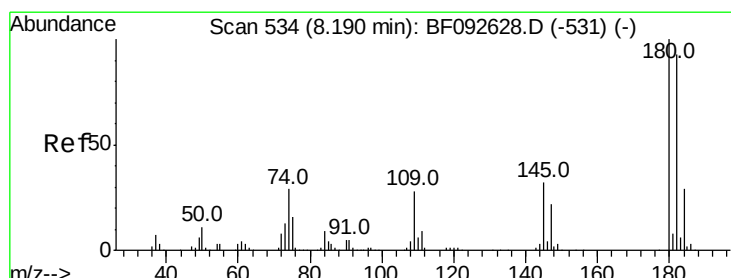
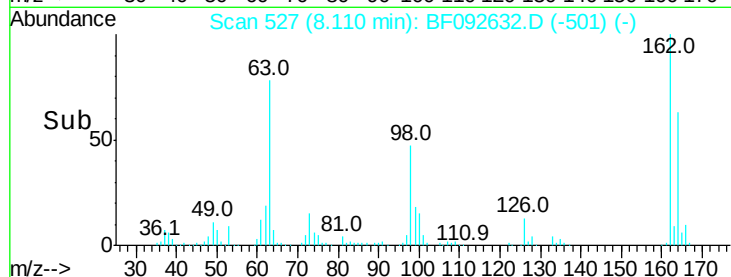
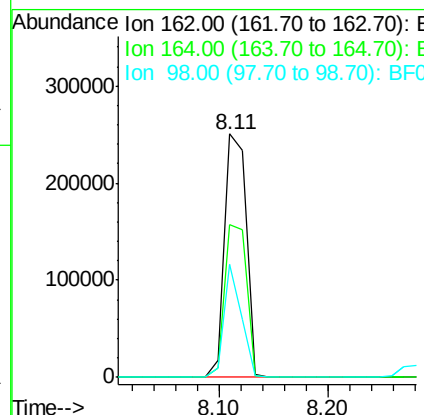
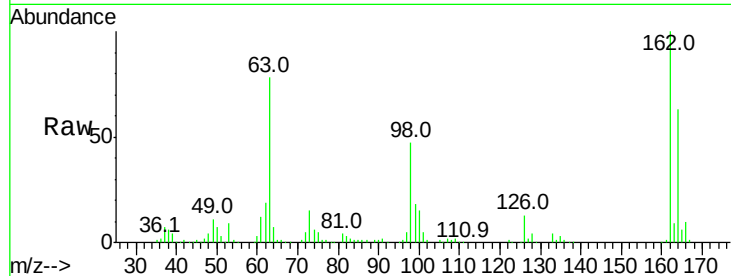
#29
 2,4-Dichlorophenol
 Concen: 36.59 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
162	100	348720		
164	62.9	46.8	86.8	
98	46.5	9.1	49.1	

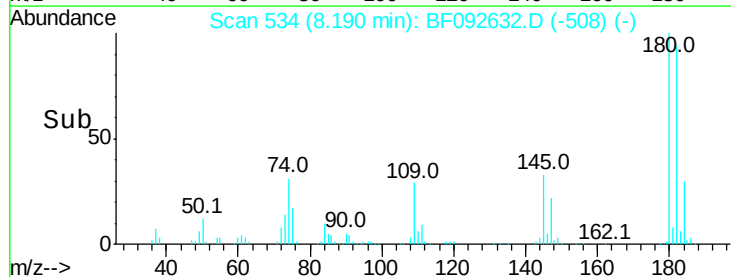
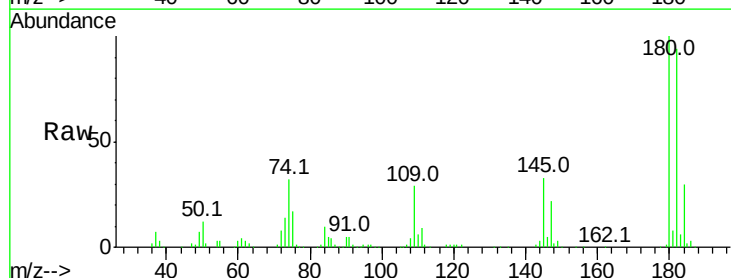
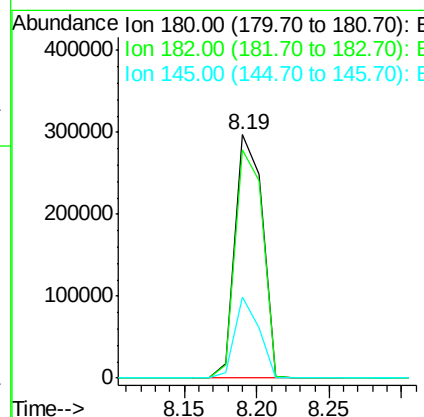
Manual Integrations
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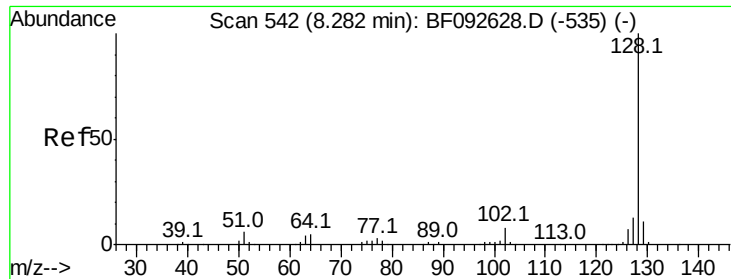
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388359		
182	93.9	78.2	117.4	
145	33.3	21.6	32.4	





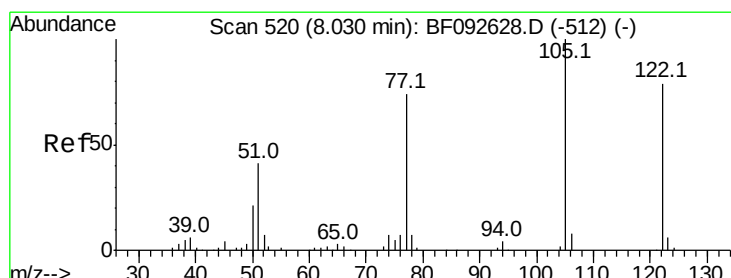
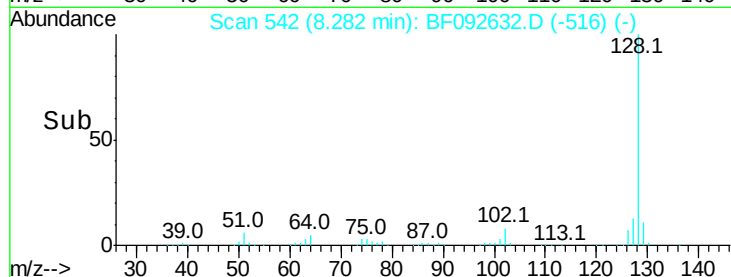
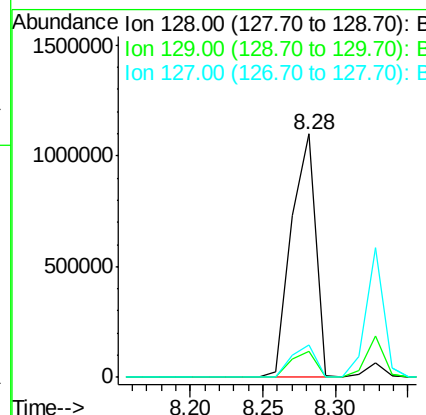
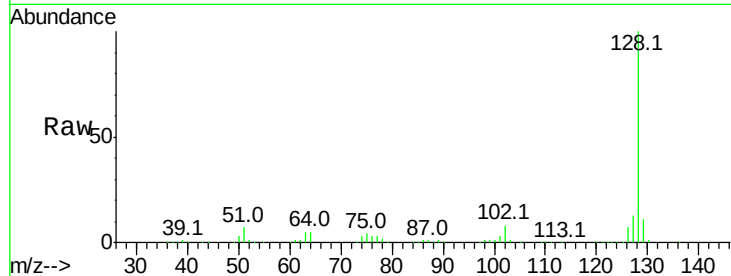
#31
Naphthalene
Concen: 38.02 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	13.3	10.8	16.2

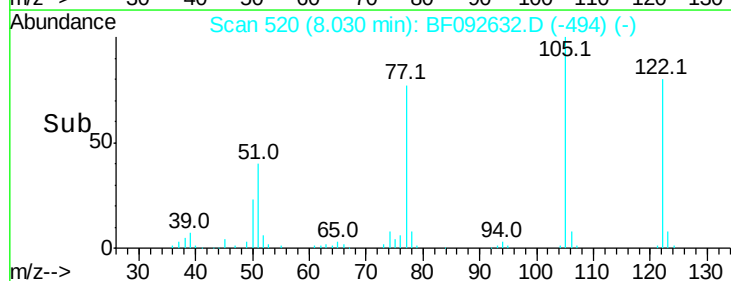
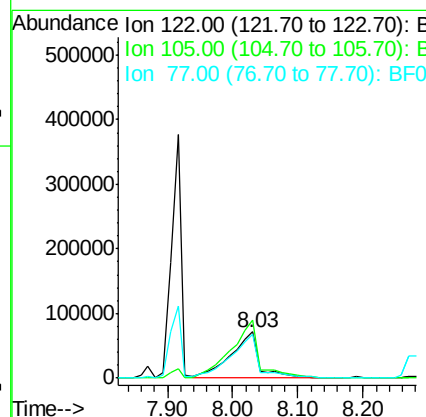
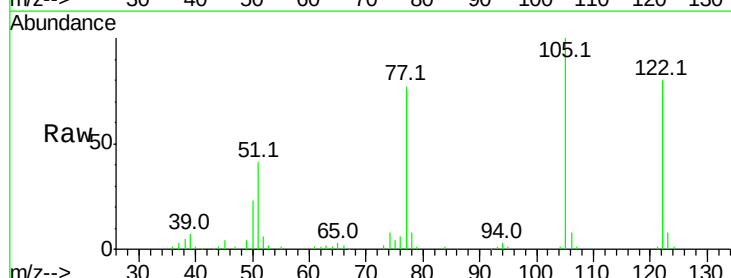
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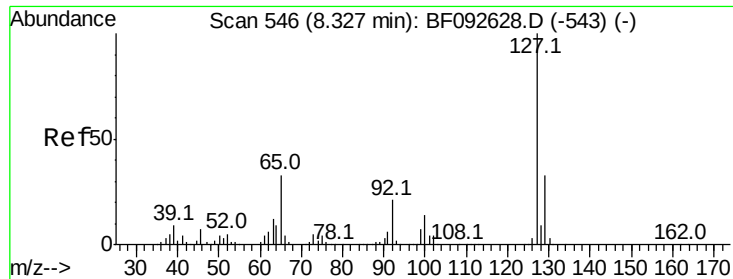
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#32
Benzoic acid
Concen: 38.45 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	107.2	147.2
77	96.5	74.5	114.5





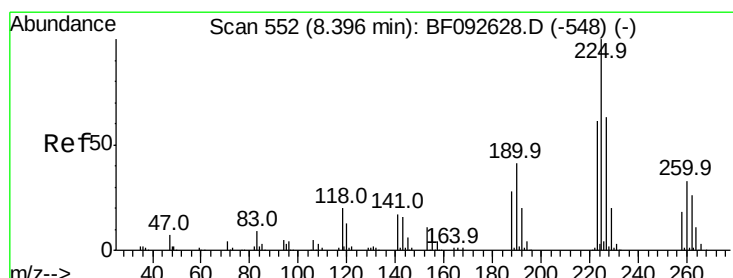
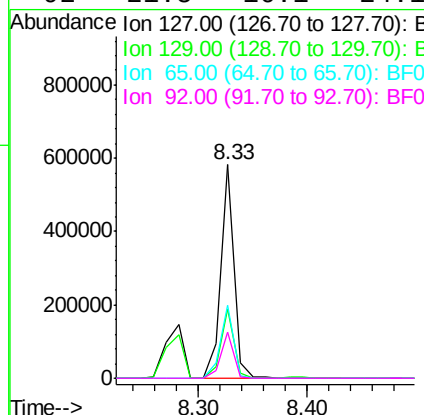
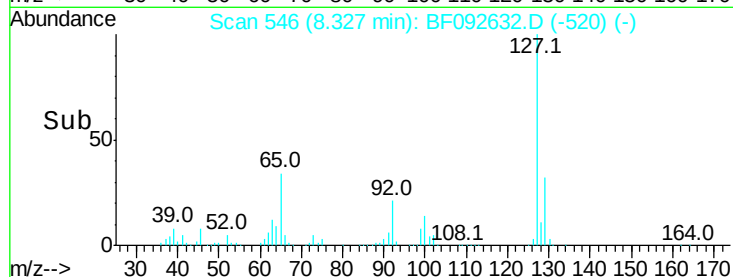
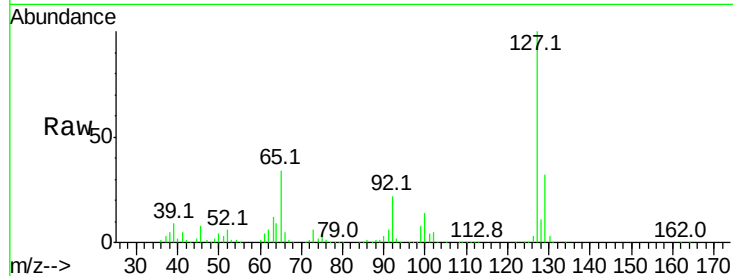
#33
4-Chloroaniline
Concen: 38.12 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.3	39.5	
65	34.0	25.8	38.8	
92	21.5	16.1	24.1	

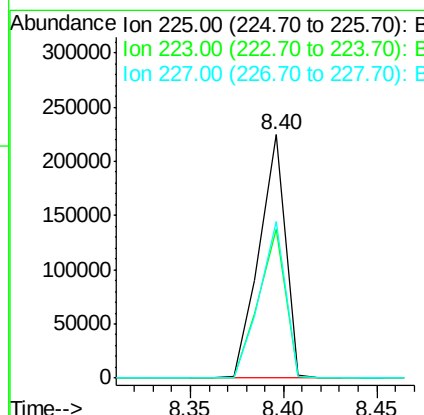
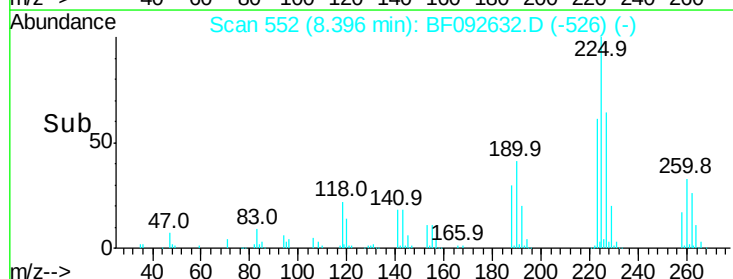
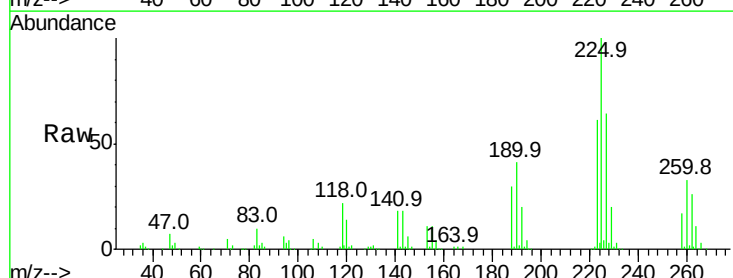
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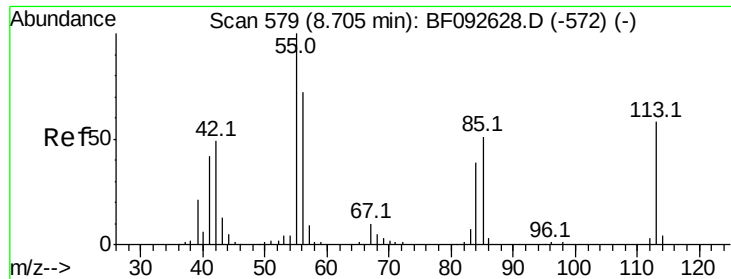
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#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	51.0	76.6	
227	64.1	50.6	76.0	





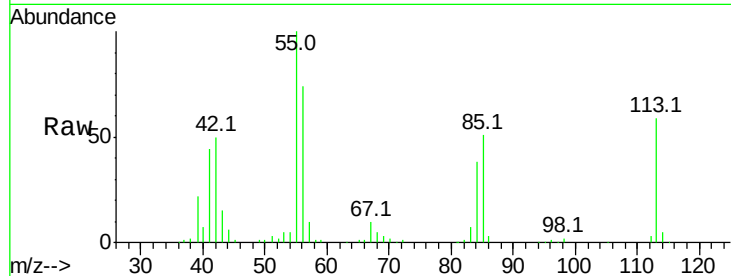
#35
 Caprolactam
 Concen: 41.24 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.0	119.2	159.2#
56	124.5	83.8	123.8#

Manual Integrations
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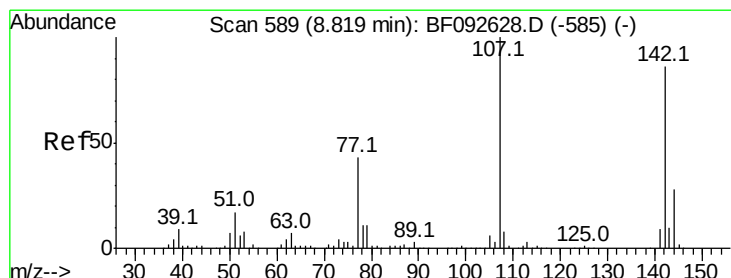
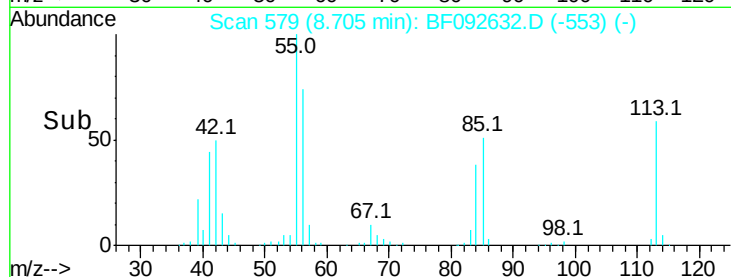
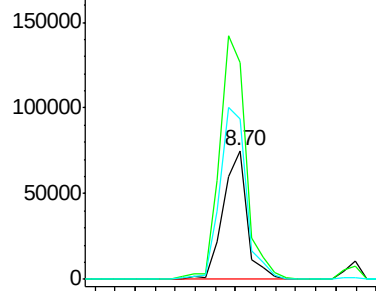
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Abundance Ion 113.00 (112.70 to 113.70): E

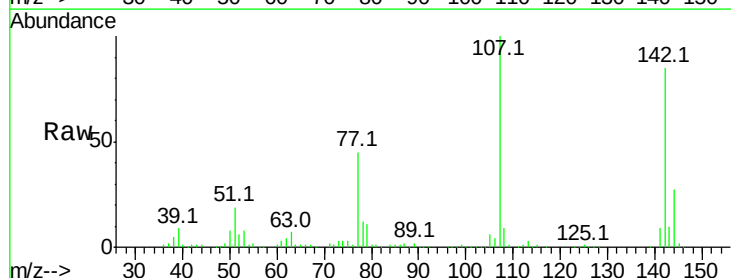
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 39.66 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

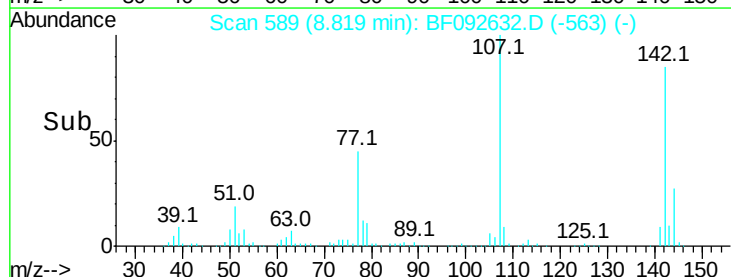
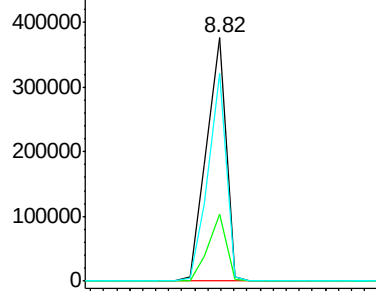
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	19.3	28.9
142	85.1	59.0	88.6

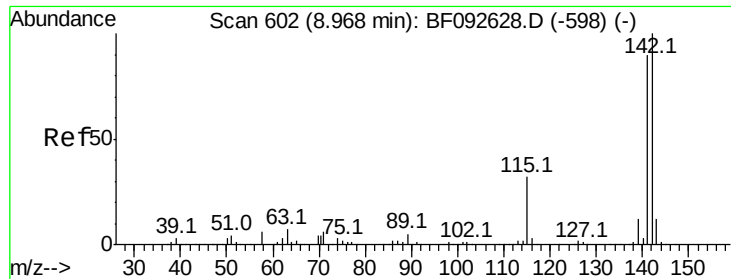


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





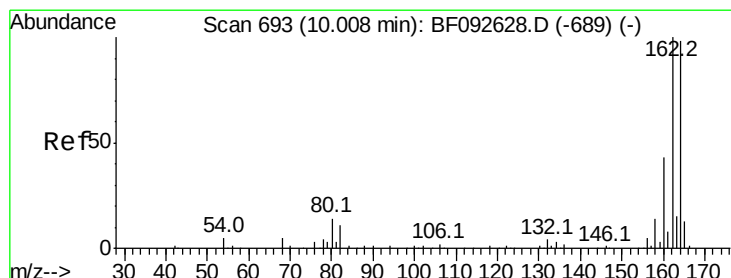
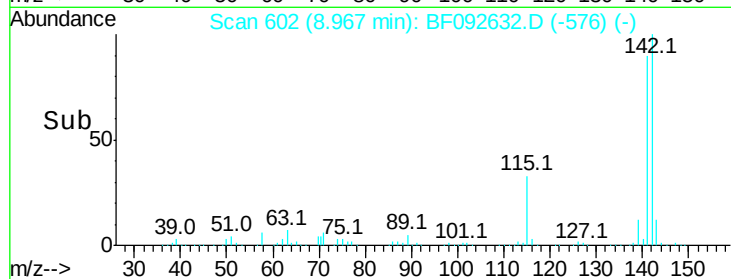
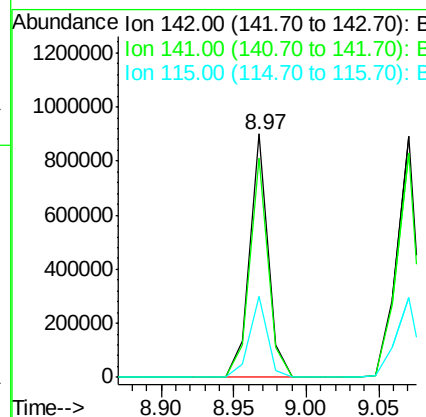
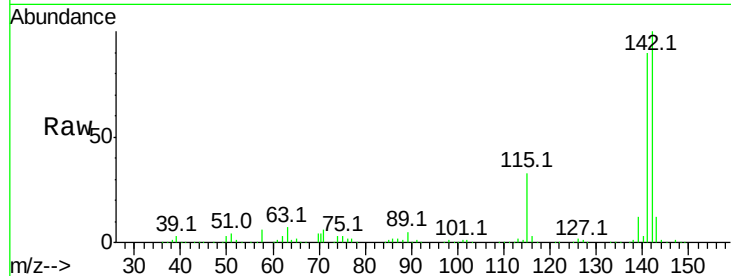
#37
2-Methylnaphthalene
Concen: 36.82 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	33.5	28.3	42.5

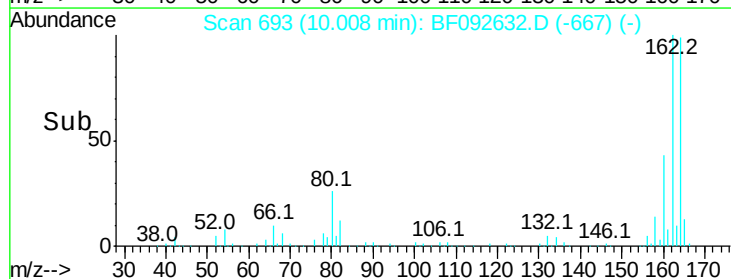
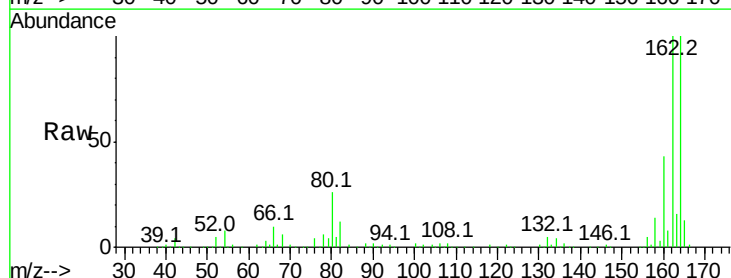
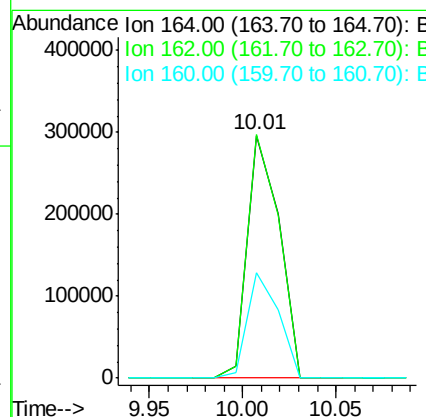
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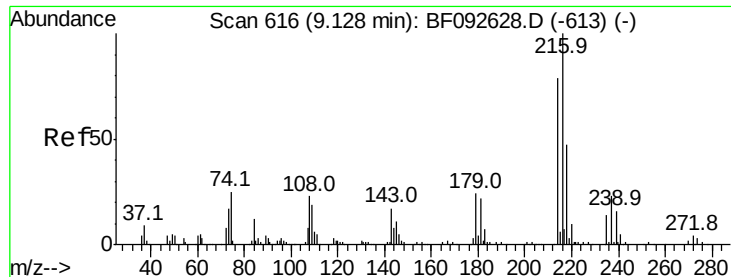
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	43.2	36.9	55.3





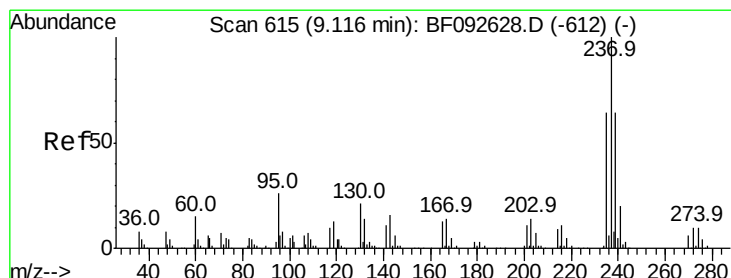
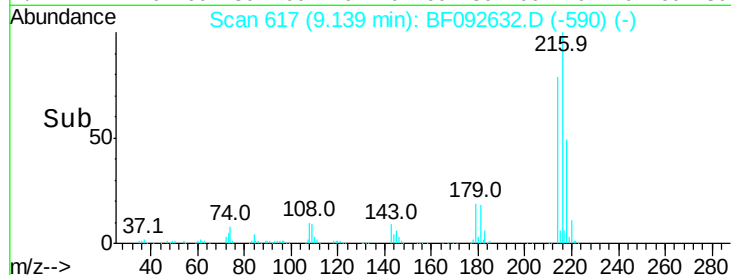
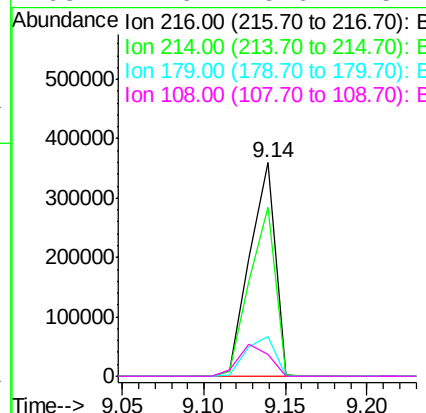
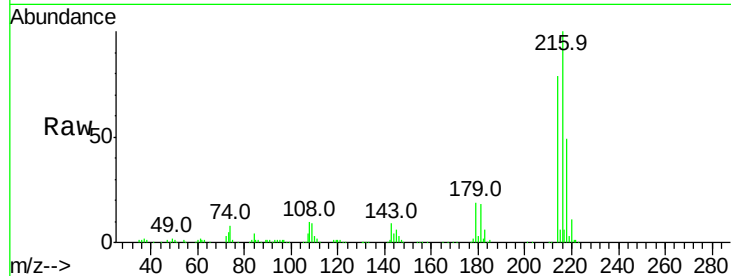
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.66 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
216	100	391355		
214	79.5	63.4	95.0	
179	21.1	17.4	26.2	
108	17.6	15.6	23.4	

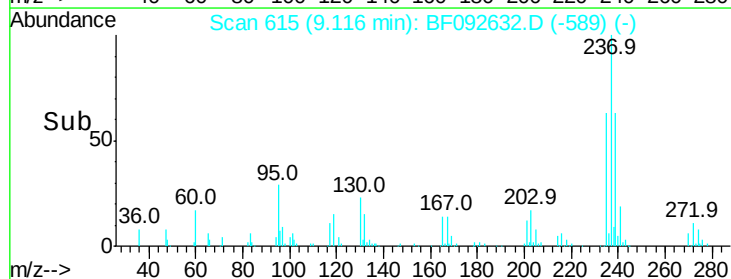
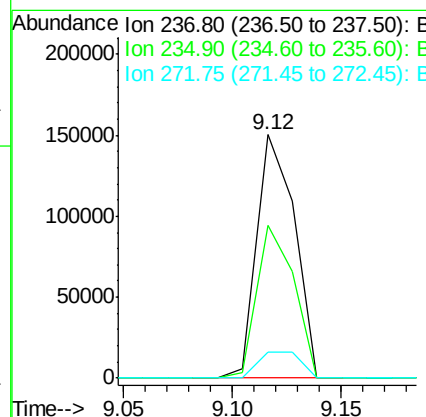
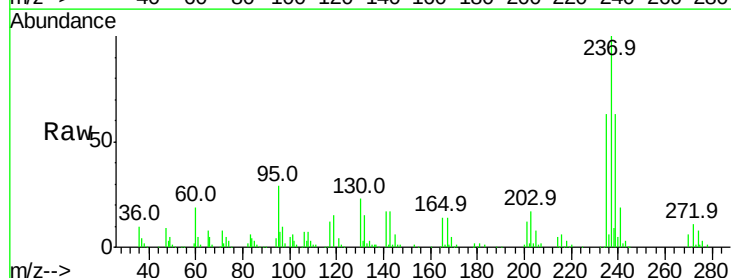
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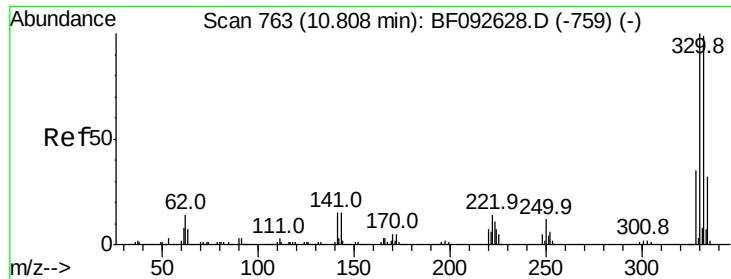
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#40
 Hexachlorocyclopentadiene
 Concen: 40.87 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	181946		
235	62.9	41.2	81.2	
272	10.9	0.0	35.4	





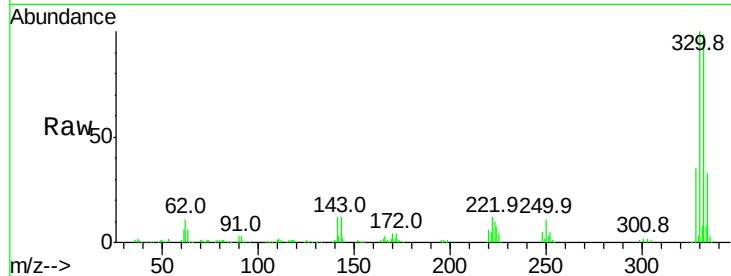
#41
 2,4,6-Tribromophenol
 Concen: 78.29 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

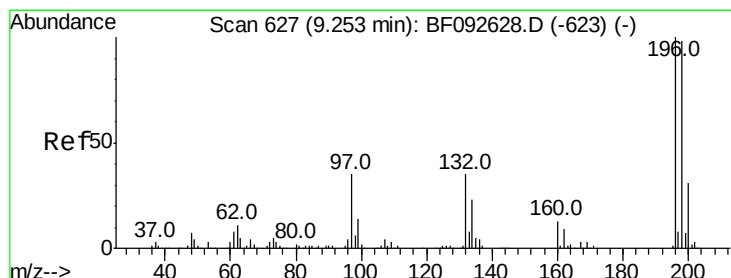
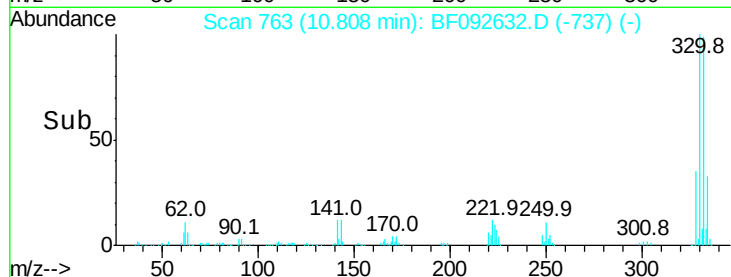
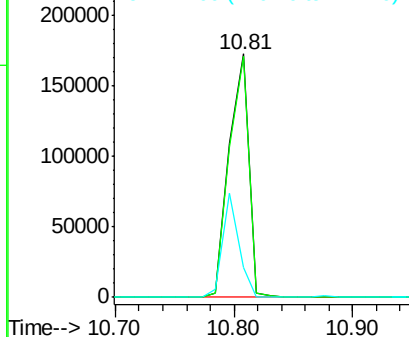
Tot Ion	Ratio	Resp	Lower	Upper
330	100	199063		
332	98.5	77.4	116.2	
141	35.0	34.1	51.1	

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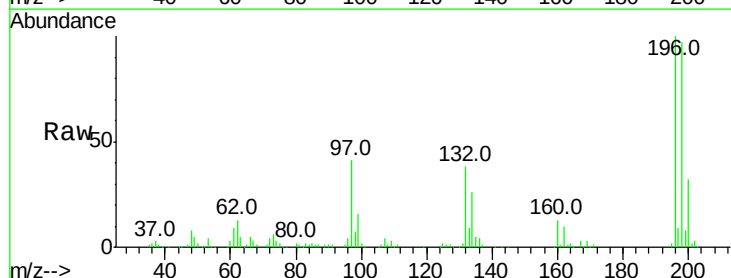


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

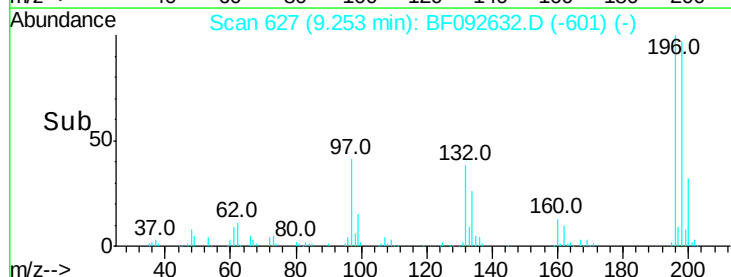
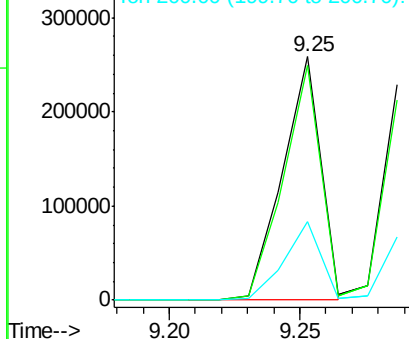


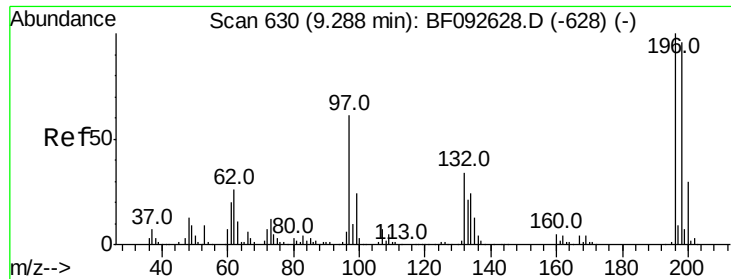
#42
 2,4,6-Trichlorophenol
 Concen: 40.50 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262633		
198	96.6	82.1	123.1	
200	32.2	27.0	40.4	



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





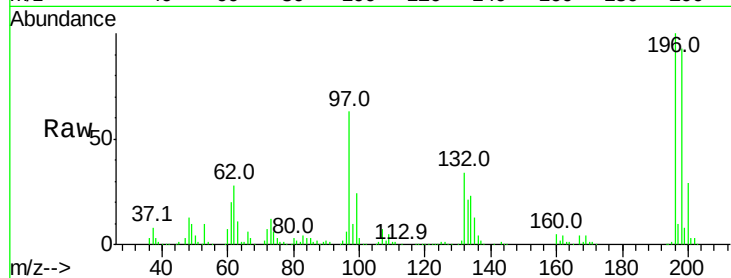
#43
 2,4,5-Trichlorophenol
 Concen: 38.21 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

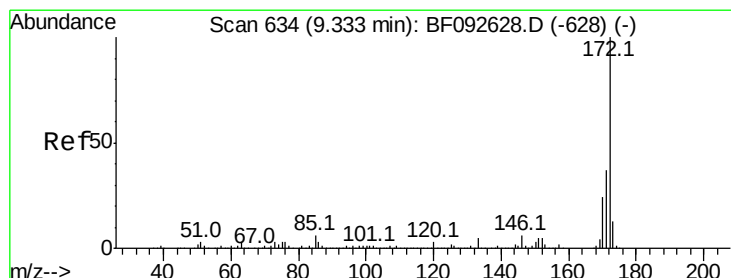
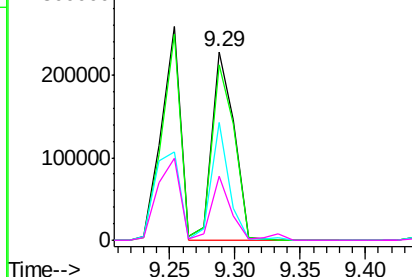
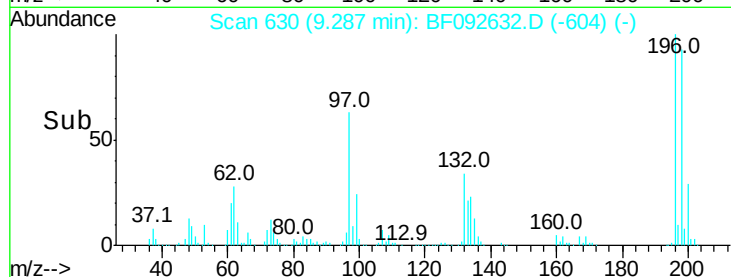
Tot Ion	Ratio	Resp	Lower	Upper
196	100	271491		
198	92.8	79.4	119.2	
97	62.6	51.5	77.3	
132	34.1	27.4	41.2	

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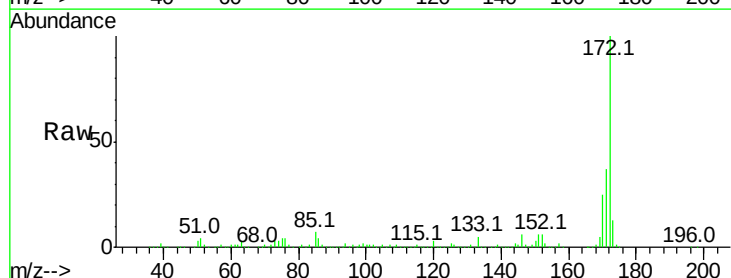


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

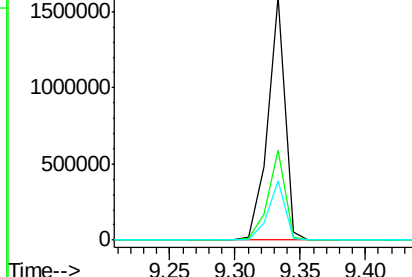
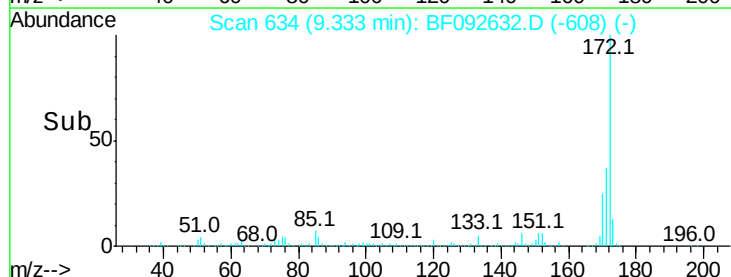


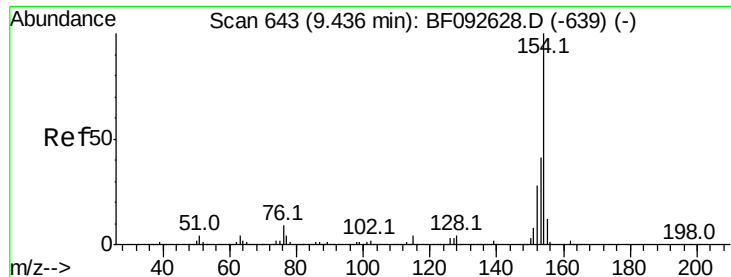
#44
 2-Fluorobiphenyl
 Concen: 76.53 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1485094		
171	36.7	29.4	44.0	
170	24.5	20.2	30.4	



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





#45

1,1'-Biphenyl

Concen: 41.57 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:154 Resp: 1058290

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

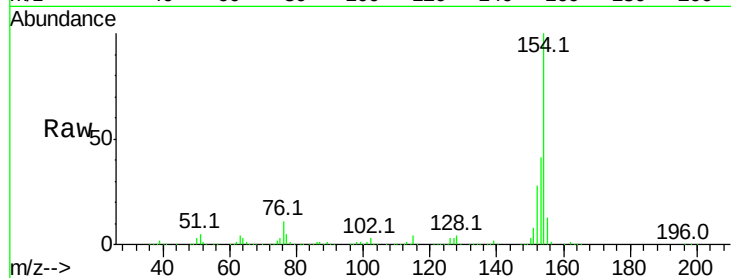
76 10.7 0.0 30.5

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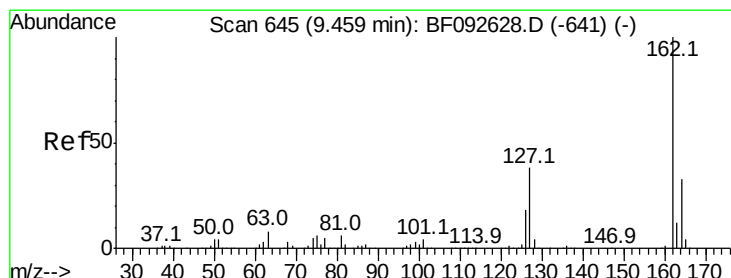
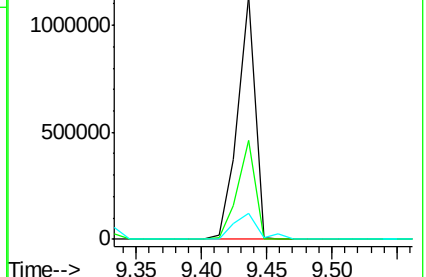
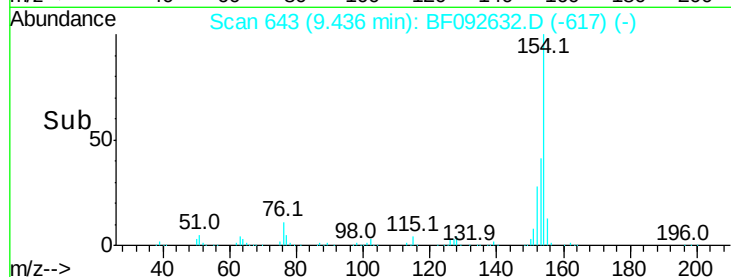
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.53 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

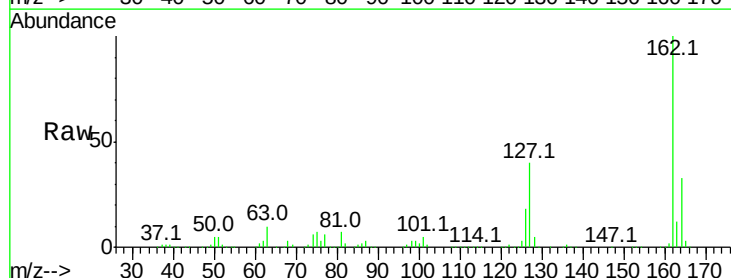
Tgt Ion:162 Resp: 787169

Ion Ratio Lower Upper

162 100

127 40.1 30.7 46.1

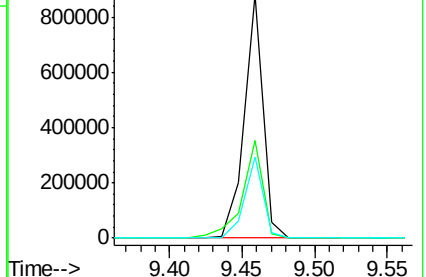
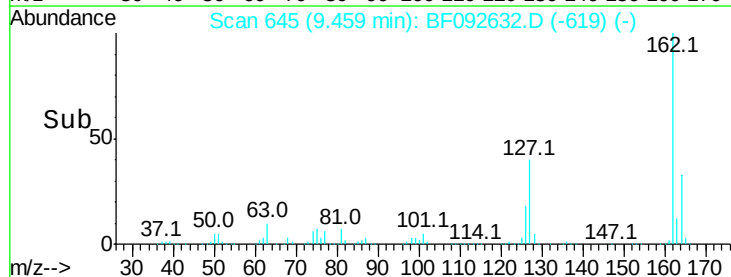
164 33.2 27.6 41.4

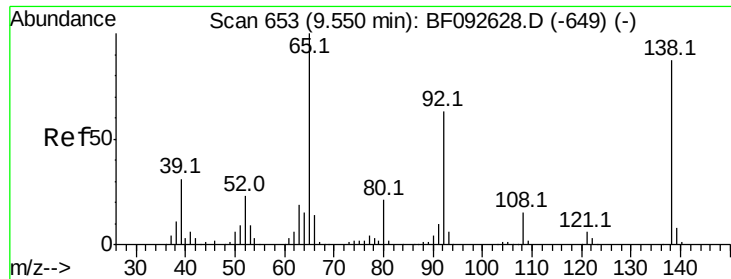


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





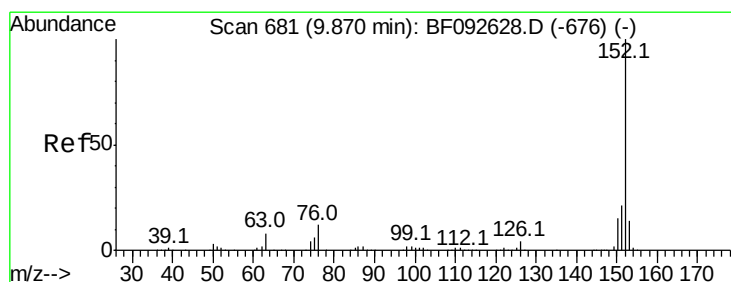
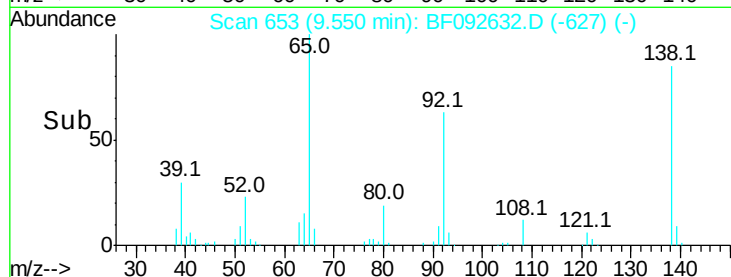
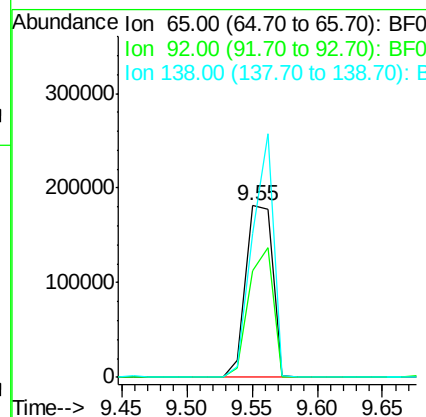
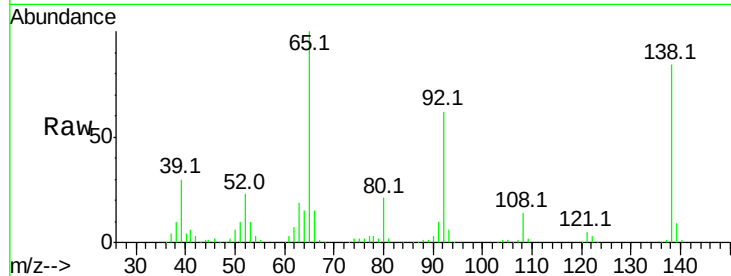
#47
2-Nitroaniline
Concen: 38.87 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.0	53.9	80.9
138	84.0	76.8	115.2

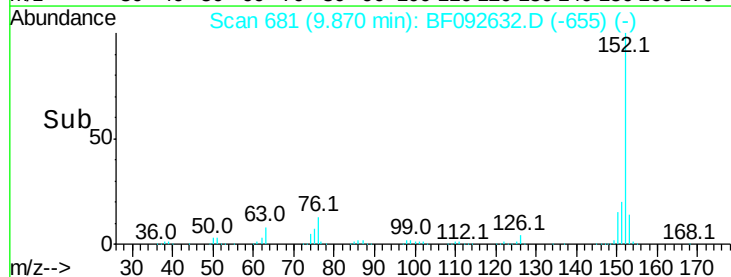
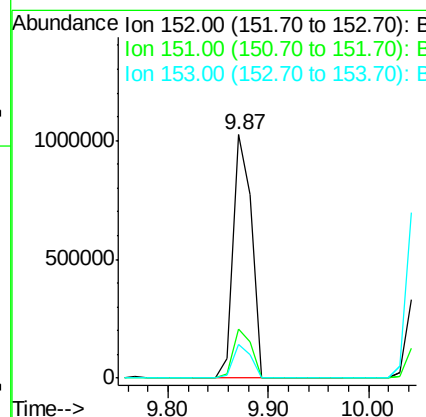
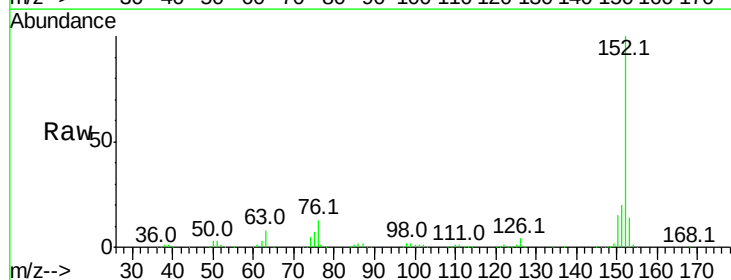
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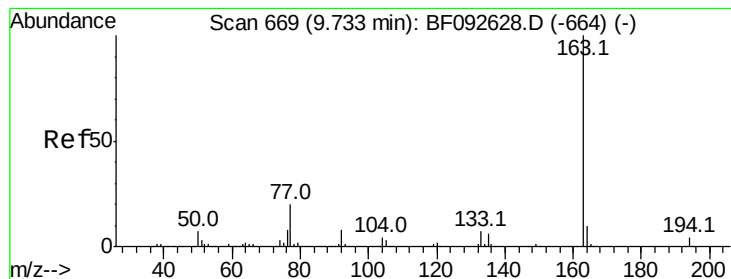
mohammad
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#48
Acenaphthylene
Concen: 37.70 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.4	17.2





#49

Dimethylphthalate

Concen: 36.09 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

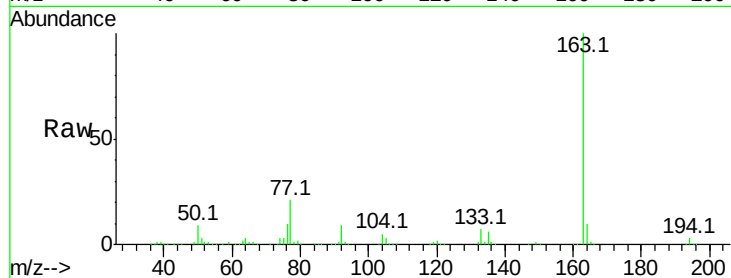
ClientSampleId :

ICVBF013017

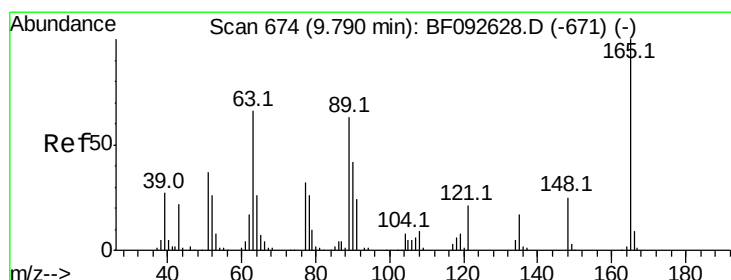
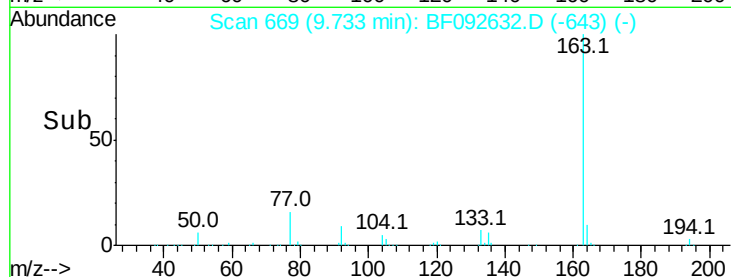
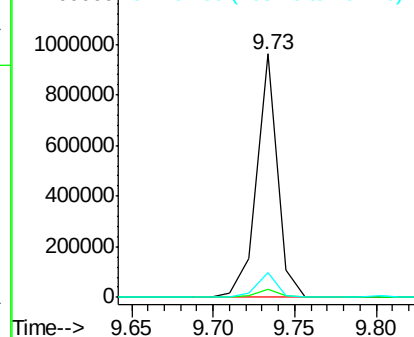
Tot Ion:	163	Resp:	854565
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.4	8.0	12.0

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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: 42.67 ng

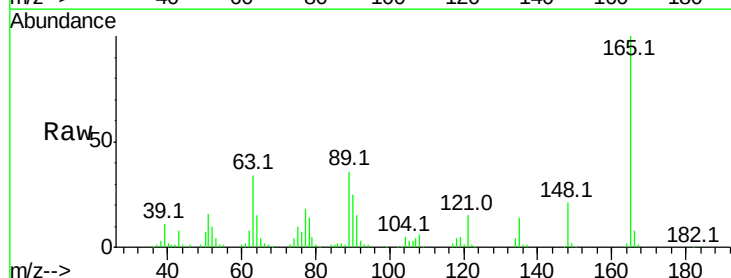
RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

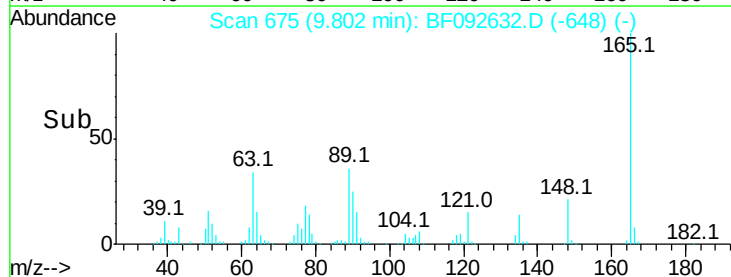
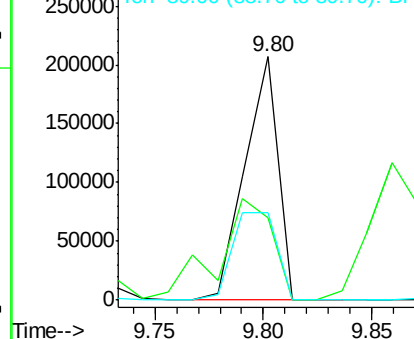
Lab File: BF092632.D

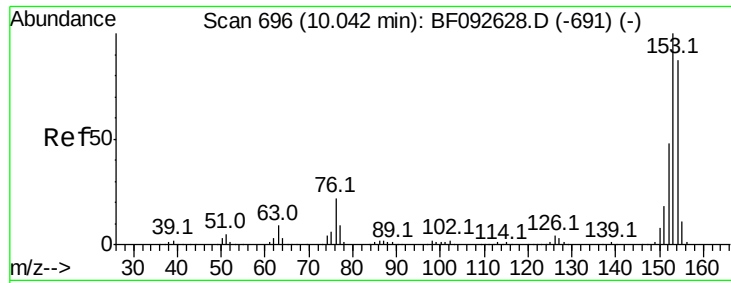
Acq: 30 Jan 2017 14:33

Tgt Ion:	165	Resp:	218209
Ion Ratio	Lower	Upper	
165	100		
63	33.8	36.2	54.4#
89	36.0	40.2	60.4#



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





#51

Acenaphthene

Concen: 37.41 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

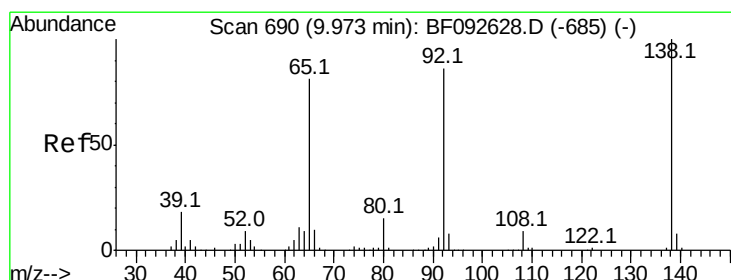
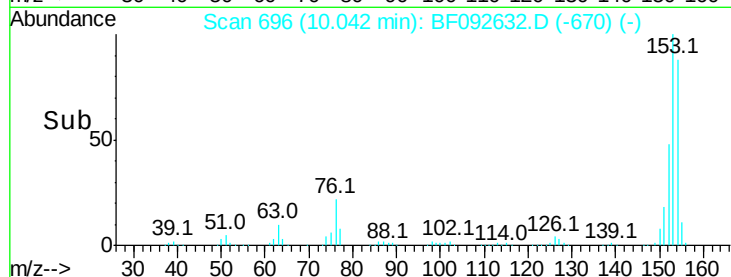
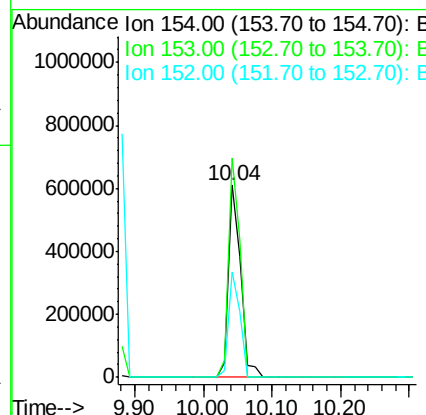
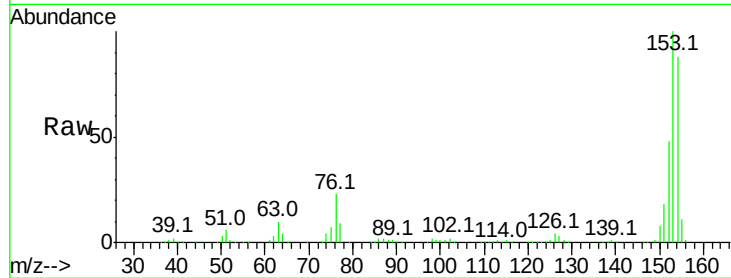
ClientSampleId :

ICVBF013017

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	88.6	133.0
152	54.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 42.97 ng

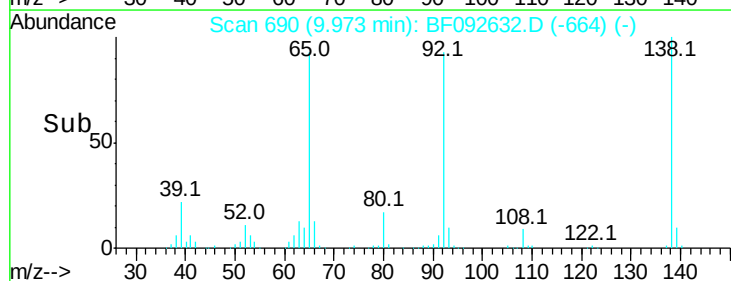
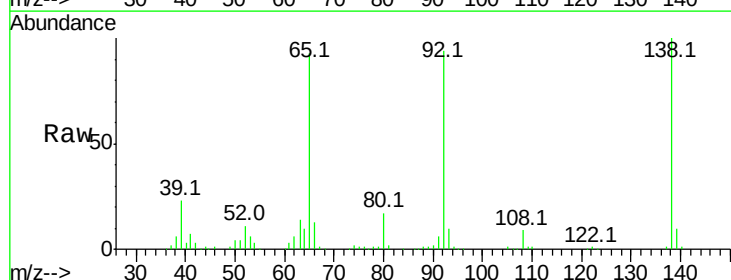
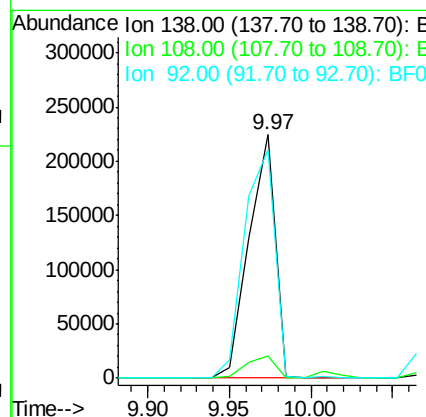
RT: 9.97 min Scan# 690

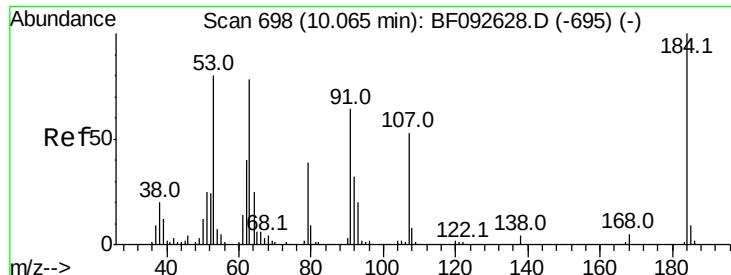
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.5	12.7
92	94.0	97.8	146.8#





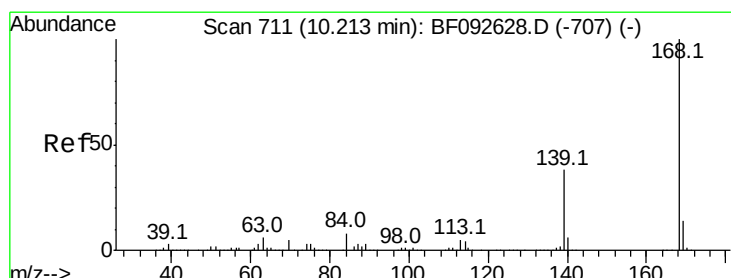
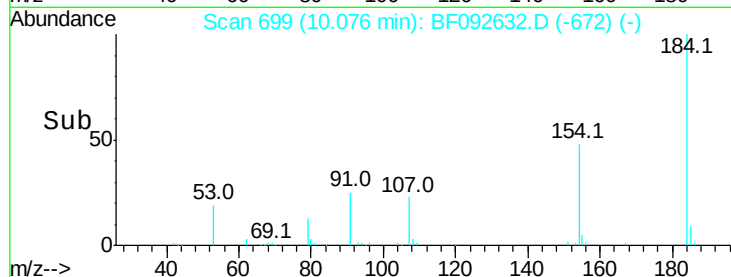
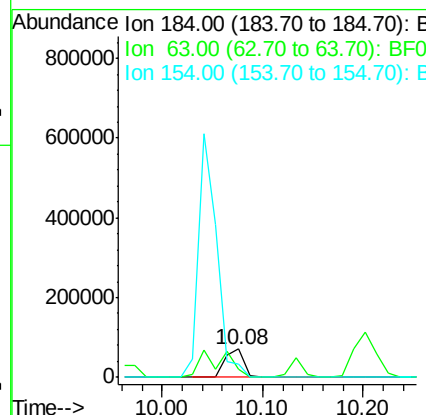
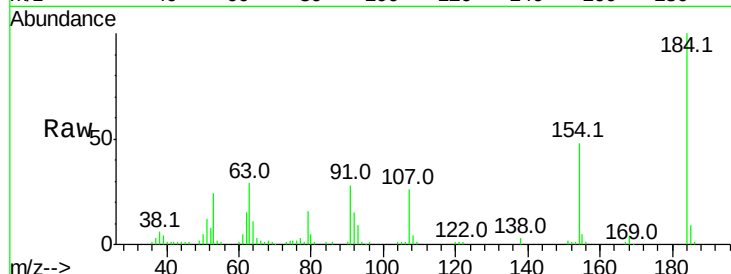
#53
2,4-Dinitrophenol
Concen: 38.70 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
184	100		
63	28.8	28.4	42.6
154	48.5	44.3	66.5

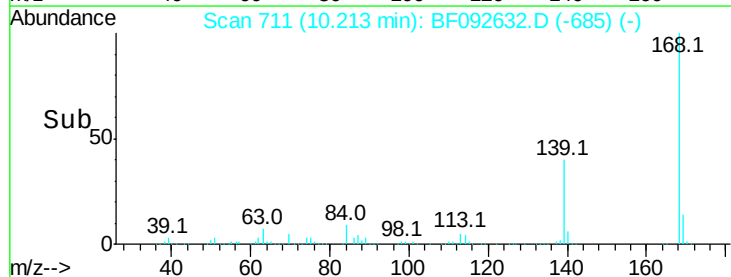
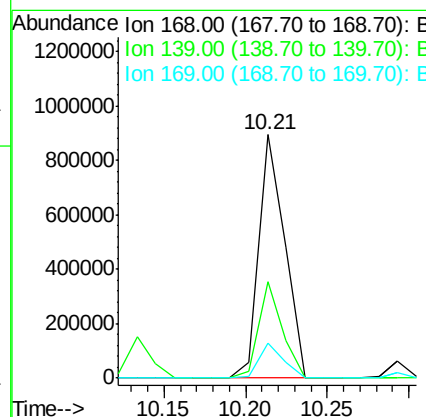
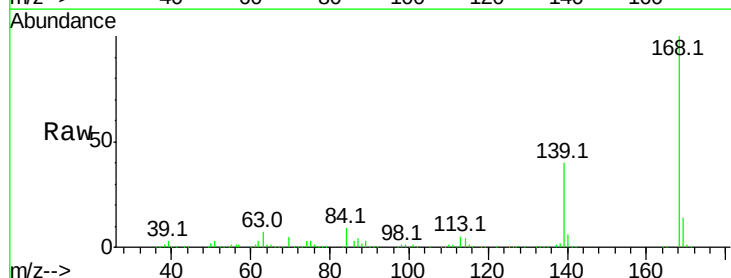
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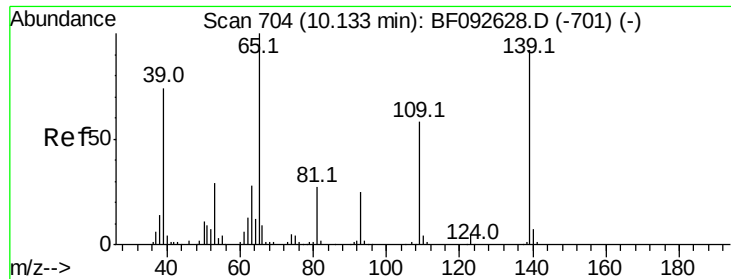
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#54
Dibenzofuran
Concen: 35.86 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	49.0
169	14.2	11.3	16.9





#55

4-Nitrophenol

Concen: 36.13 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:139 Resp: 152303

Ion Ratio Lower Upper

139 100

109 63.5 52.2 92.2

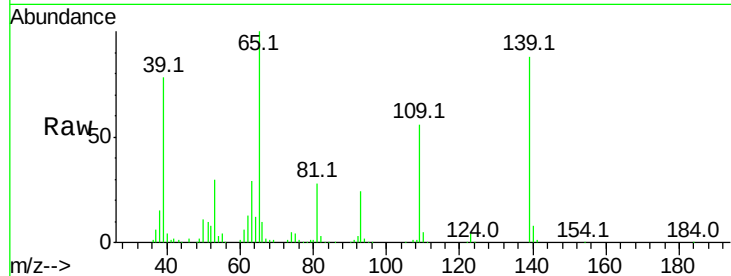
65 113.2 85.8 125.8

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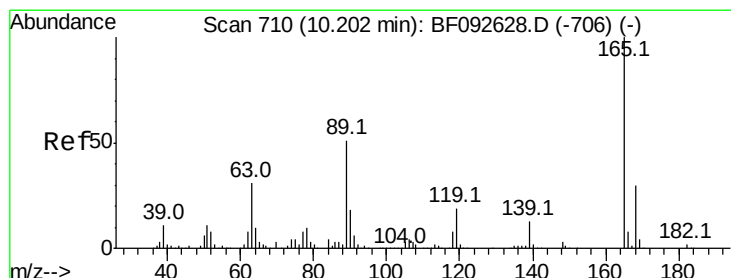
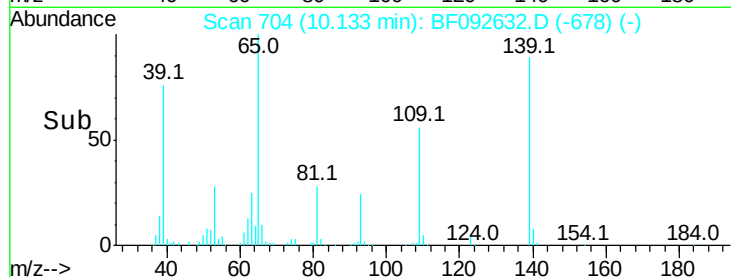
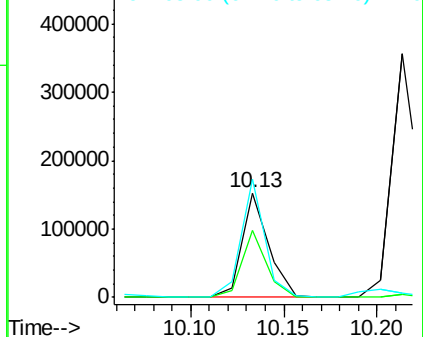
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.35 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:165 Resp: 295100

Ion Ratio Lower Upper

165 100

63 36.5 40.2 60.4#

89 59.2 62.5 93.7#

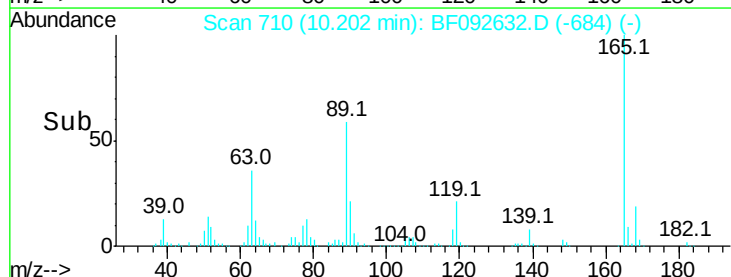
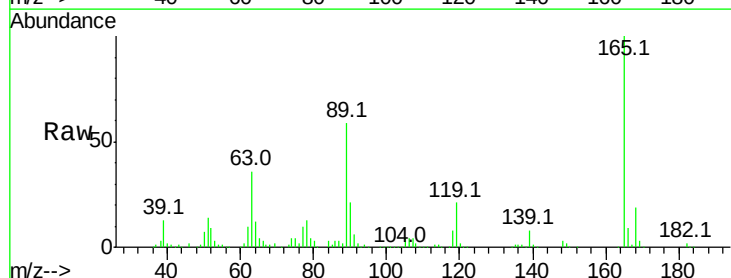
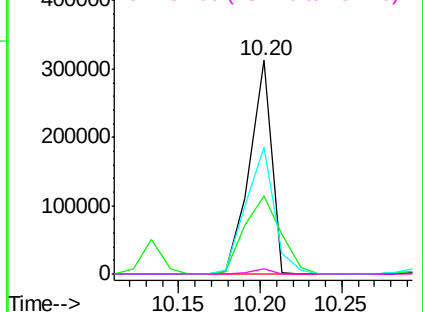
182 2.5 1.8 2.8

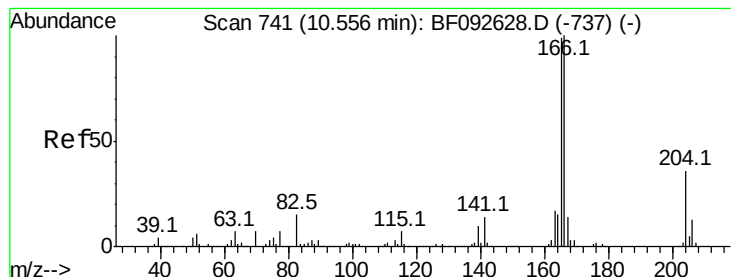
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.51 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:166 Resp: 772683

Ion Ratio Lower Upper

166 100

165 101.6 77.8 116.8

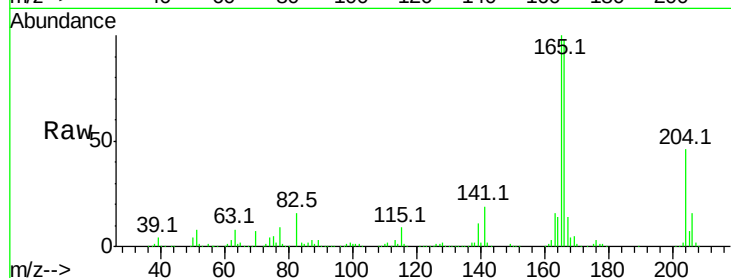
167 14.1 10.8 16.2

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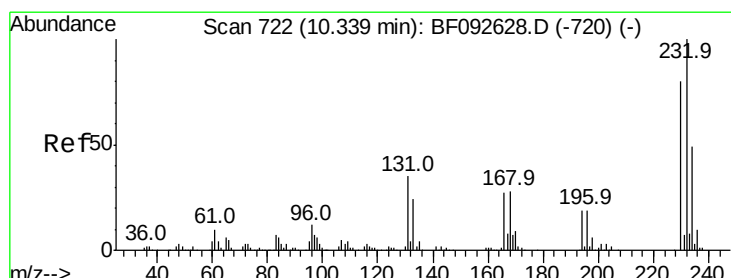
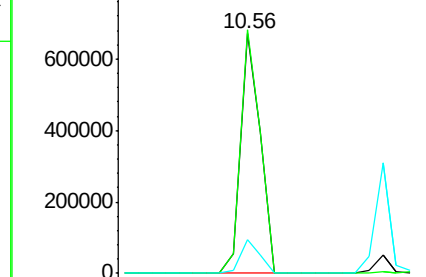
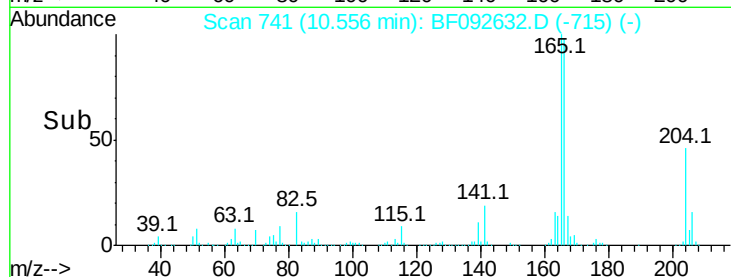
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.97 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:232 Resp: 203668

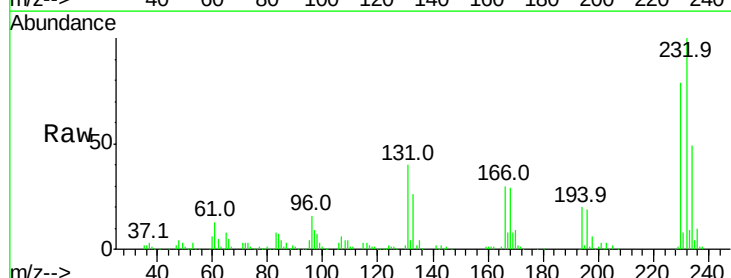
Ion Ratio Lower Upper

232 100

131 46.7 40.1 60.1

130 2.2 1.8 2.8

166 31.7 26.6 39.8

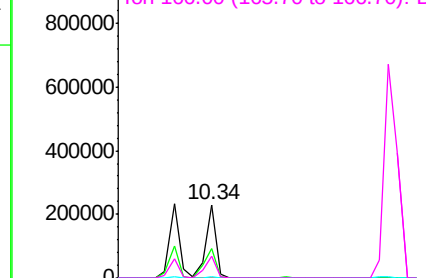
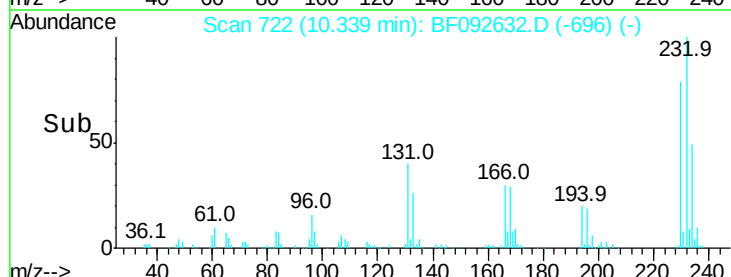


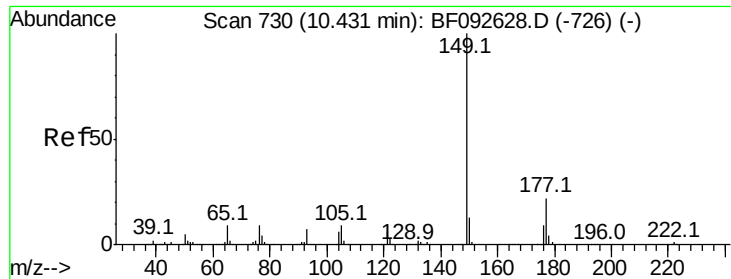
Abundance Ion 232.00 (231.70 to 232.70): E

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





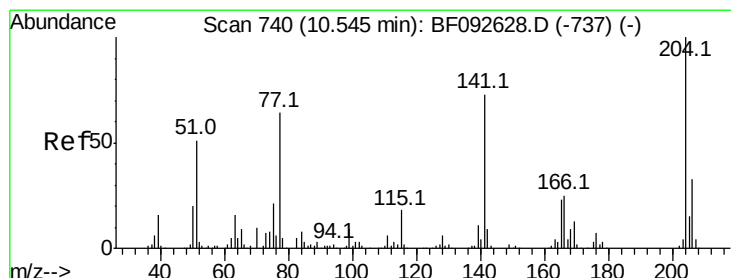
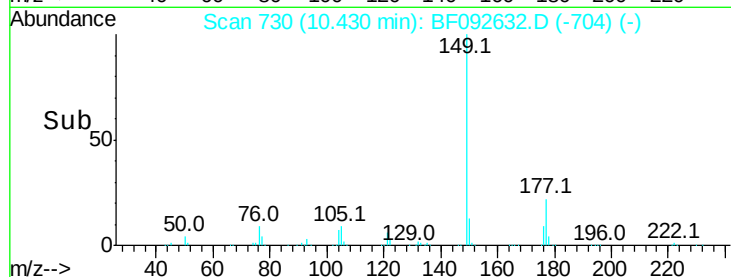
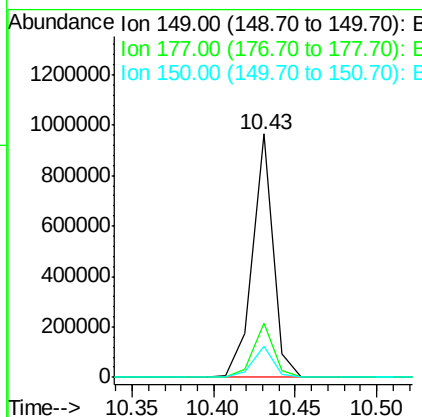
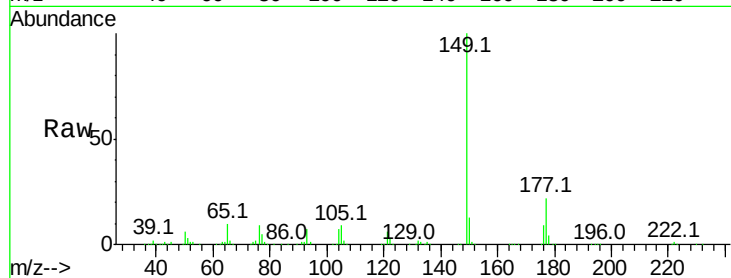
#59
 Diethylphthalate
 Concen: 38.03 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:	149	Resp:	848550
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.6	25.0
150	12.8	10.4	15.6

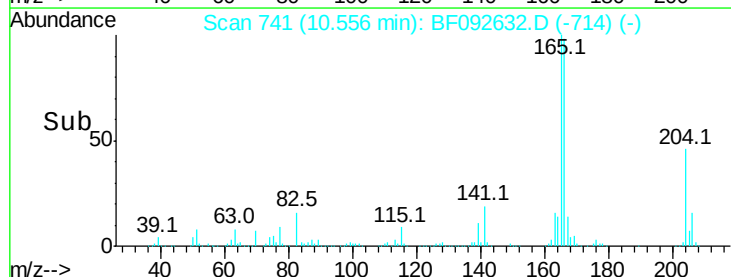
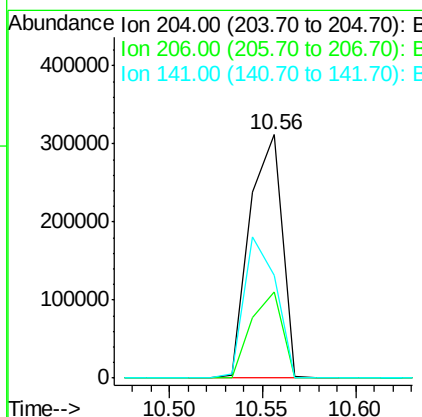
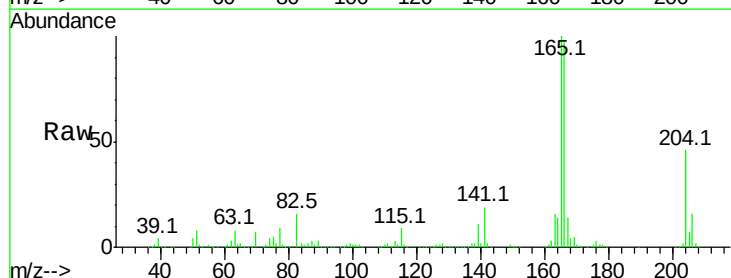
Manual Integrations
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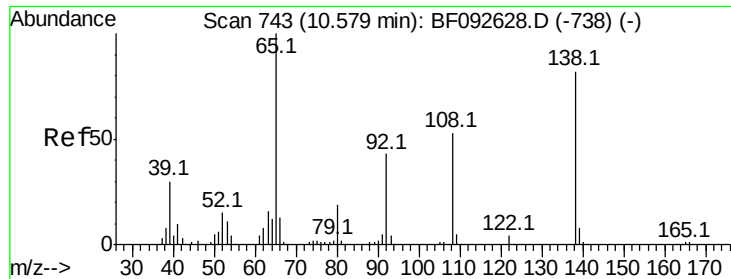
mohammad
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#60
 4-Chlorophenyl-phenylether
 Concen: 37.49 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:	204	Resp:	381197
Ion Ratio	Lower	Upper	
204	100		
206	35.2	25.8	38.6
141	42.4	59.4	89.0#





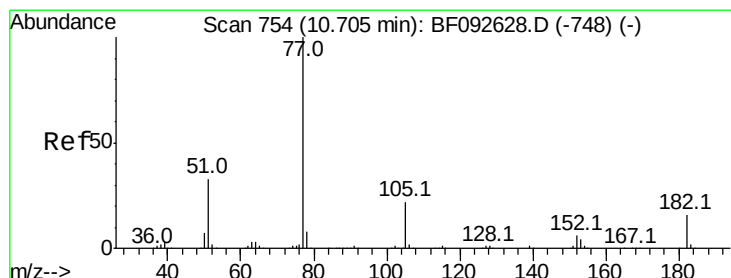
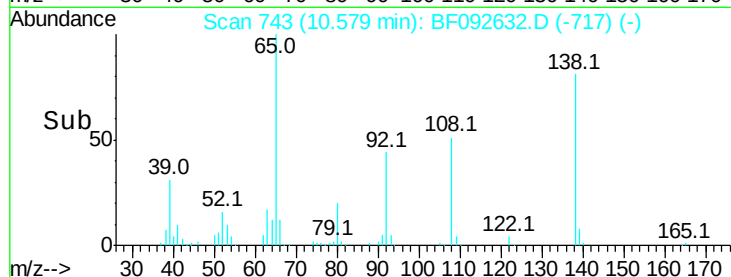
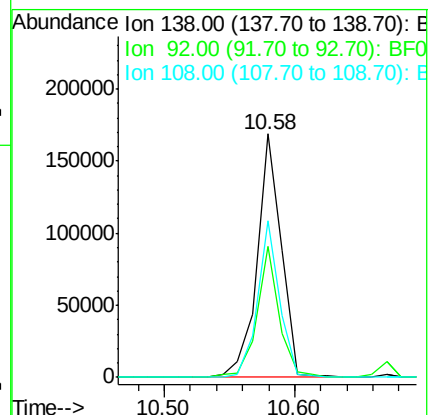
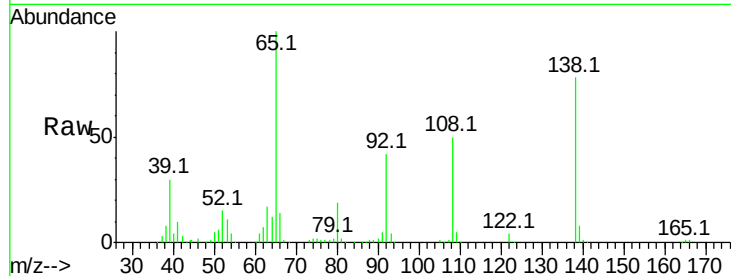
#61
4-Nitroaniline
Concen: 36.31 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	31.7	71.7
108	64.5	52.6	92.6

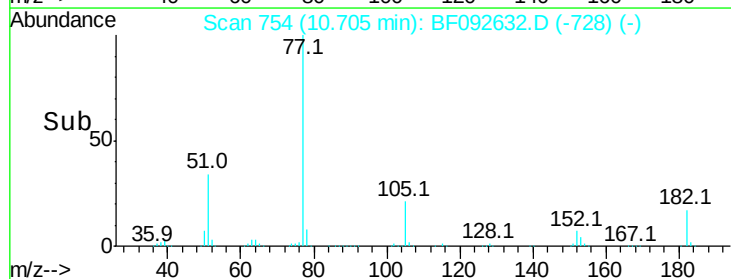
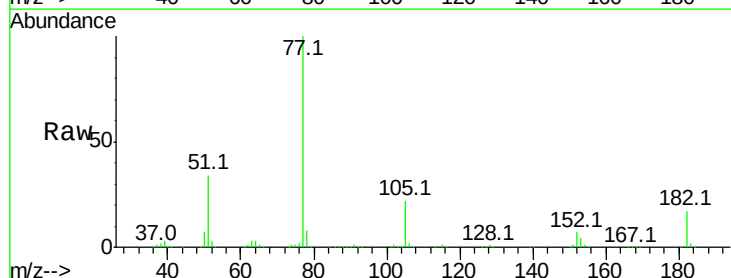
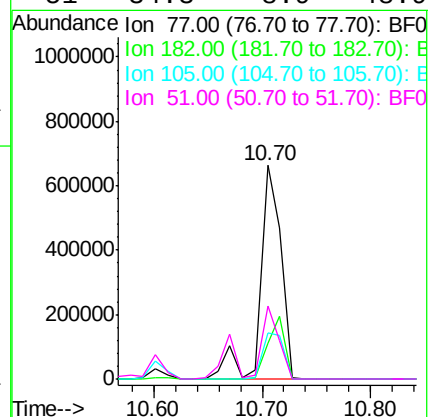
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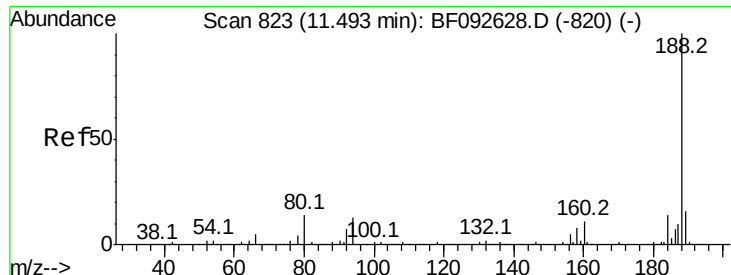
mohammad
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#62
Azobenzene
Concen: 38.43 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.5	0.0	39.3
105	21.6	2.3	42.3
51	34.3	8.9	48.9





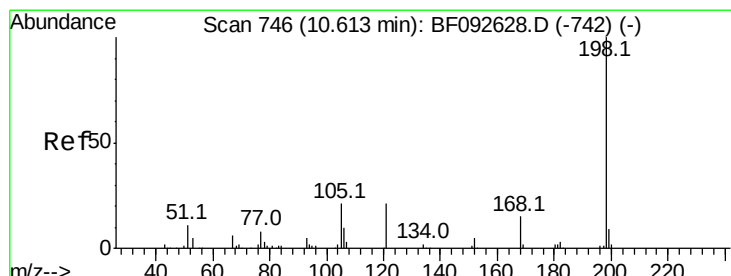
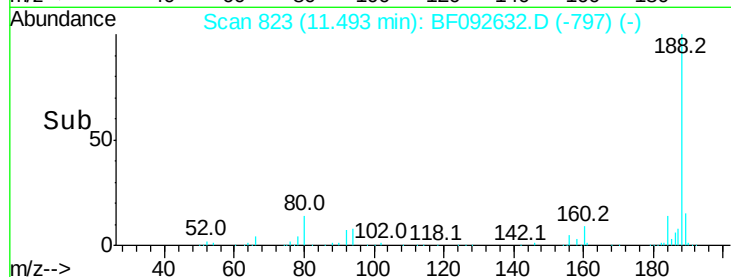
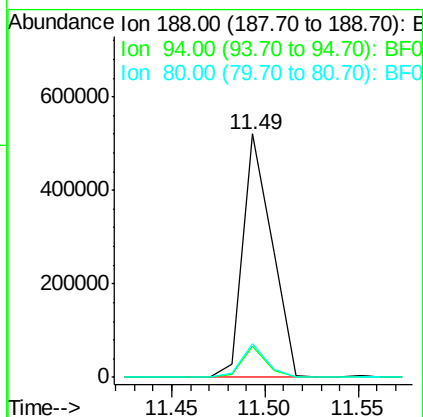
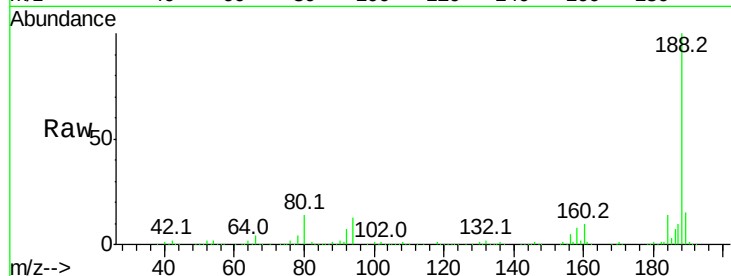
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
188	100	563489		
94	12.7		10.0	15.0
80	14.0		11.2	16.8

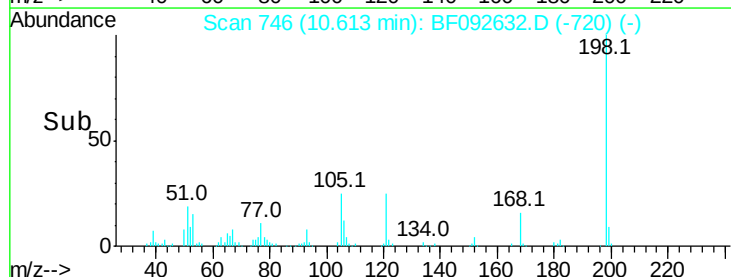
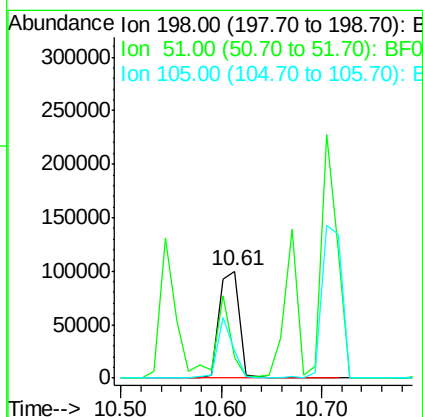
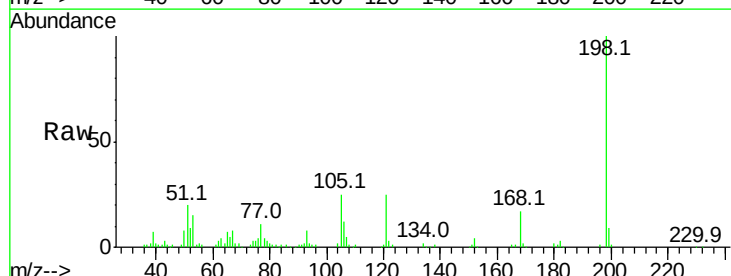
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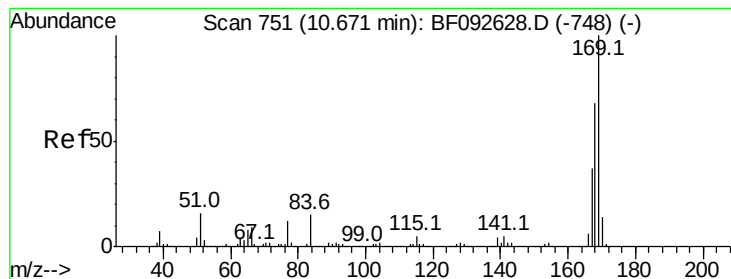
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.64 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137915		
51	19.6		6.7	46.7
105	25.5		16.6	56.6





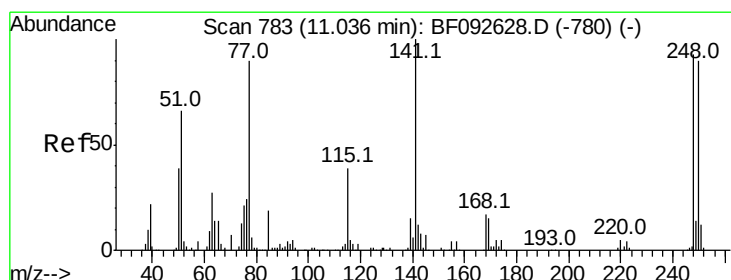
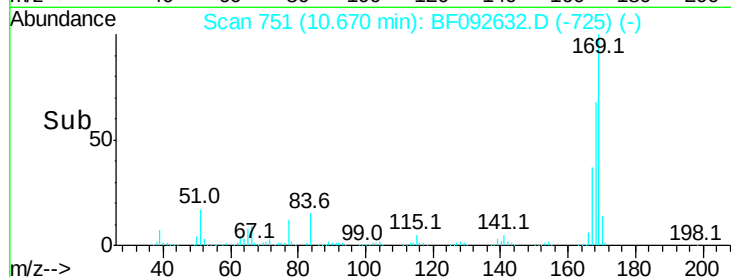
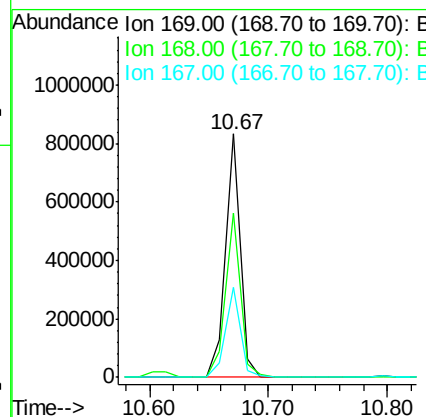
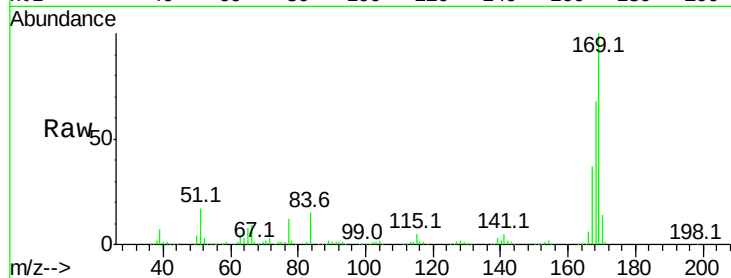
#65
 n-Nitrosodiphenylamine
 Concen: 39.25 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	54.2	81.2	
167	37.1	30.2	45.4	

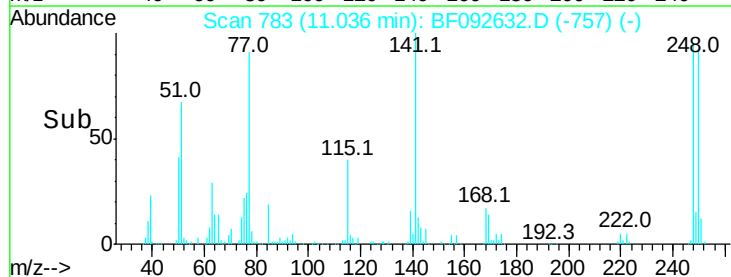
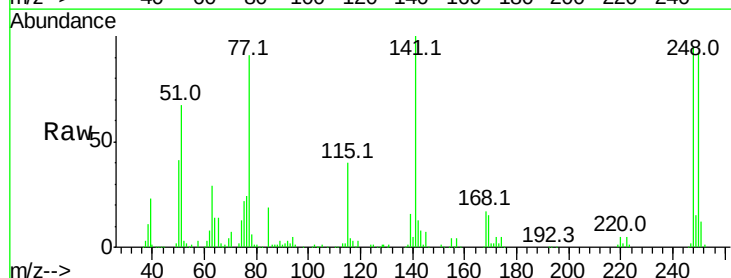
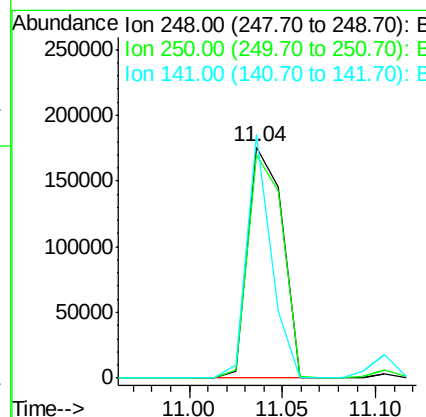
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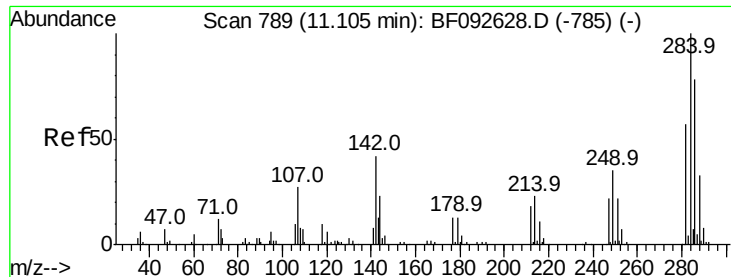
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#66
 4-Bromophenyl-phenylether
 Concen: 38.27 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.5	76.9	115.3	
141	105.2	68.2	102.4	





#67

Hexachlorobenzene

Concen: 37.83 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

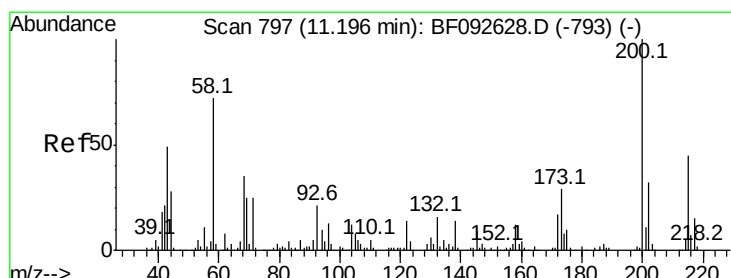
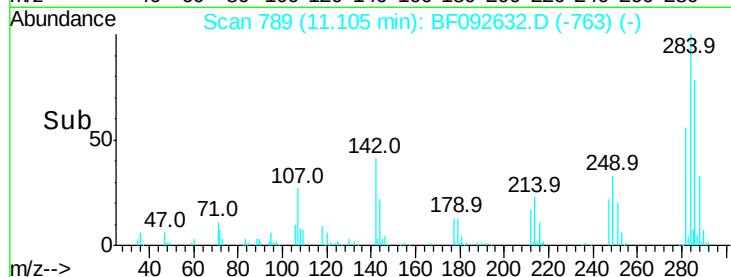
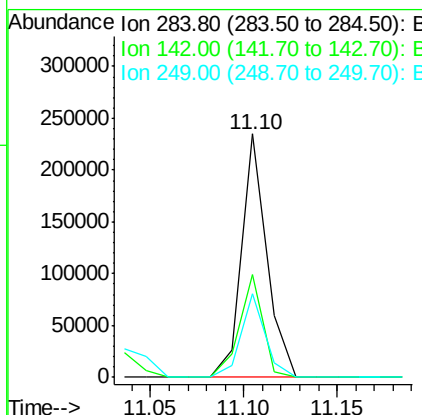
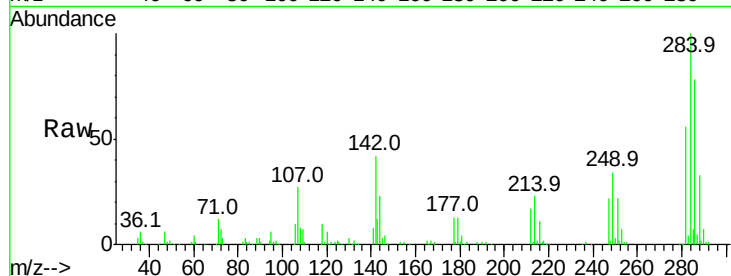
ClientSampleId :

ICVBF013017

Tot Ion:	284	Resp:	220101
Ion Ratio		Lower	Upper
284	100		
142	42.4	22.6	33.8#
249	34.3	25.4	38.0

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#68

Atrazine

Concen: 36.80 ng

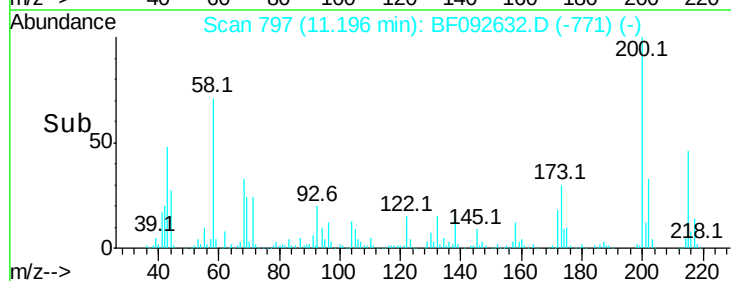
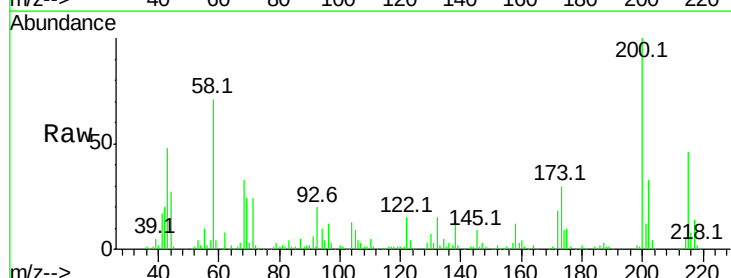
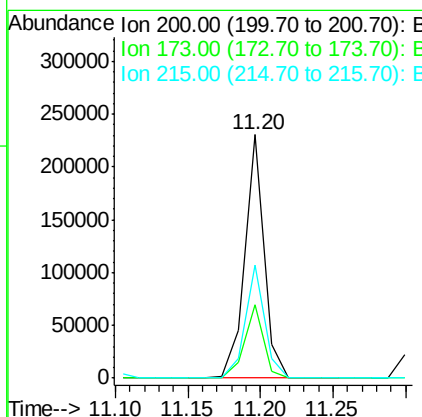
RT: 11.20 min Scan# 797

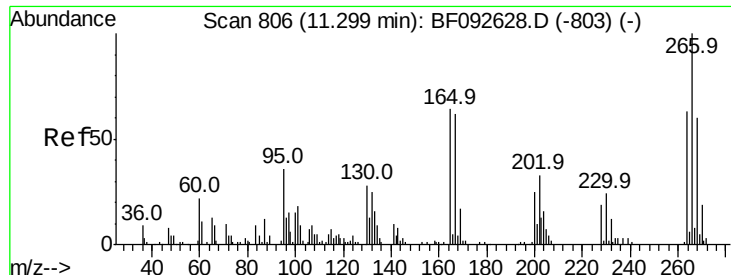
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:	200	Resp:	212571
Ion Ratio		Lower	Upper
200	100		
173	30.1	9.6	49.6
215	46.3	25.7	65.7





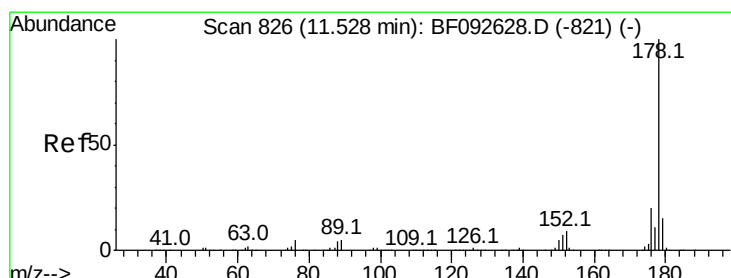
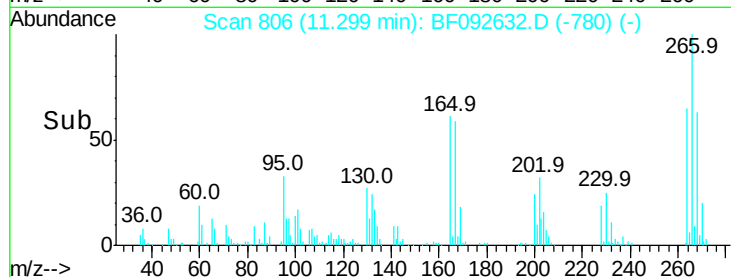
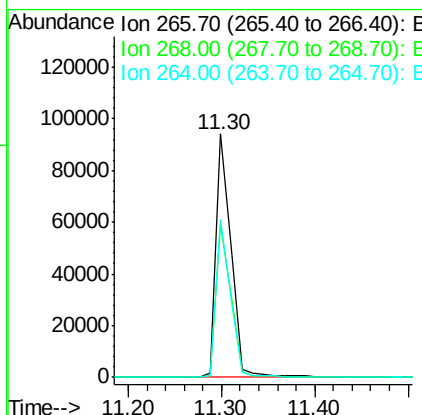
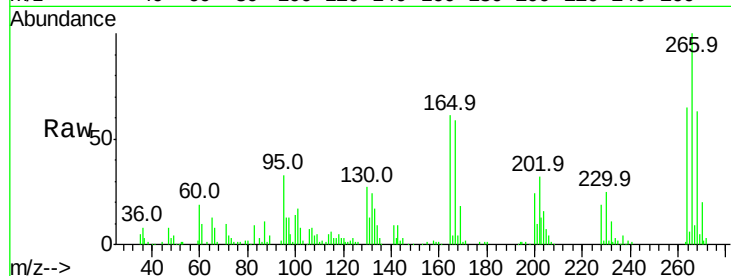
#69
 Pentachlorophenol
 Concen: 38.64 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.3	79.9
264	65.0	50.3	75.5

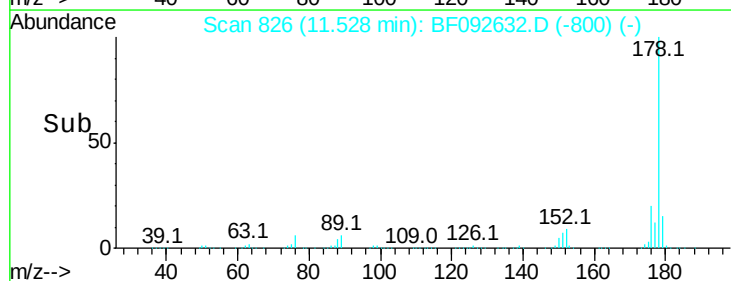
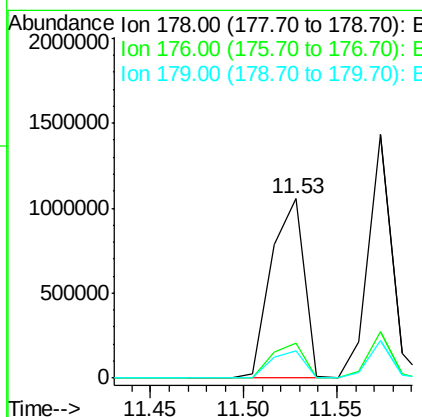
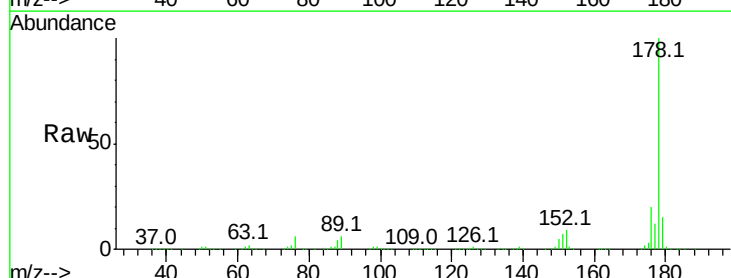
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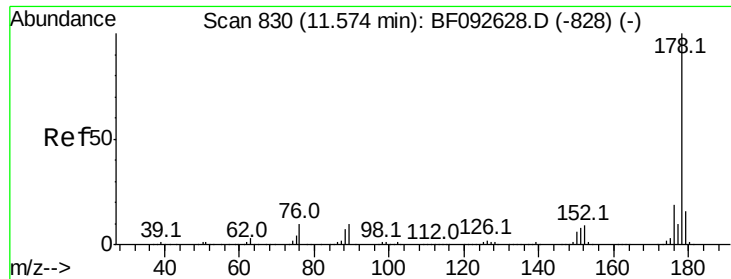
mohammad
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#70
 Phenanthrene
 Concen: 39.82 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.1	12.8	19.2





#71
 Anthracene
 Concen: 38.16 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

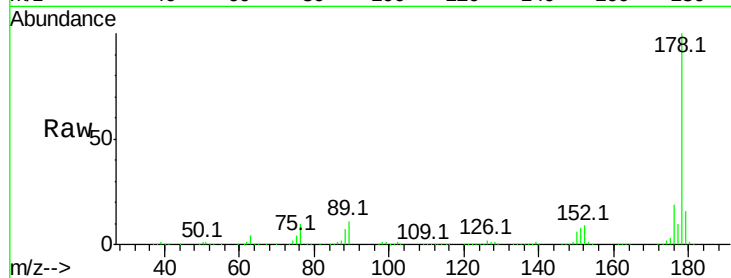
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:178 Resp: 1237179

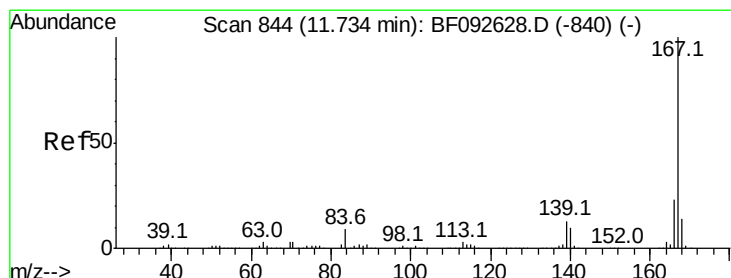
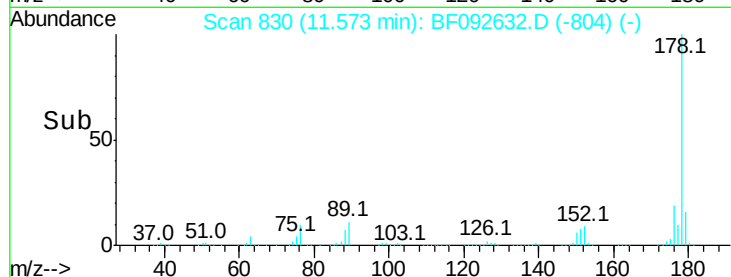
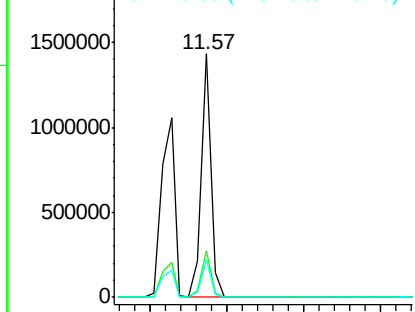
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.6	13.2	19.8

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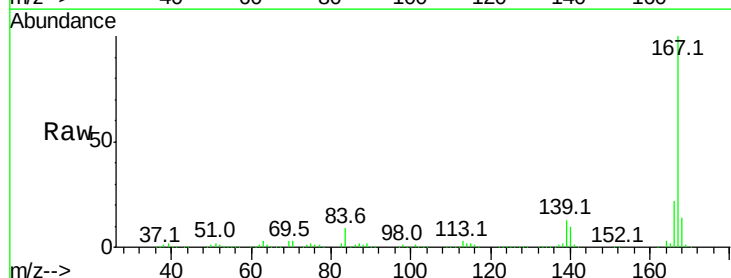
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



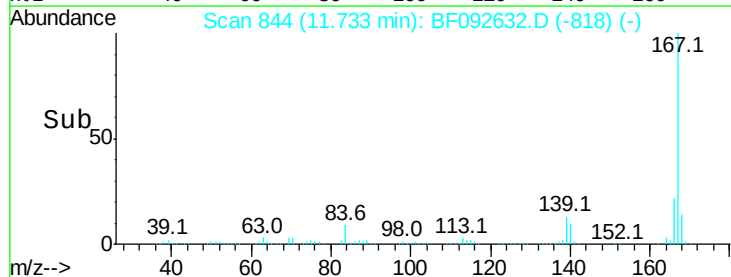
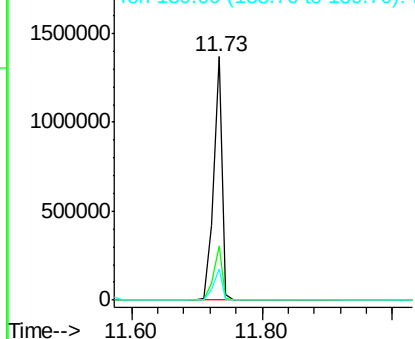
#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

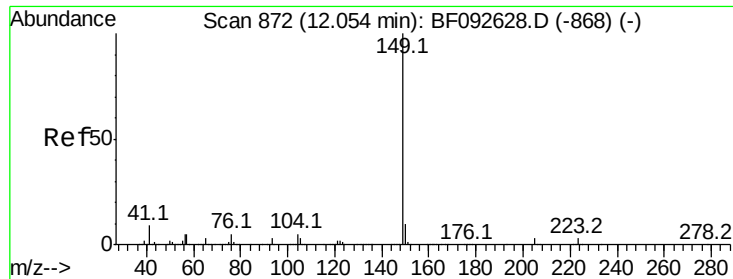
Tgt Ion:167 Resp: 1266779

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.0	11.4	17.2



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





#73

Di-n-butylphthalate

Concen: 38.28 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:149 Resp: 1282986

Ion Ratio Lower Upper

149 100

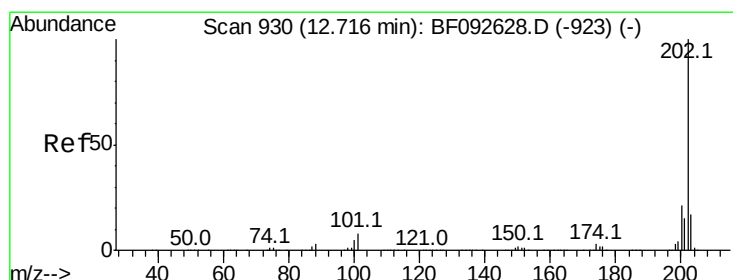
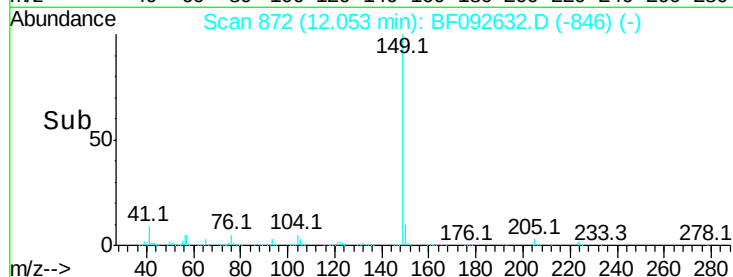
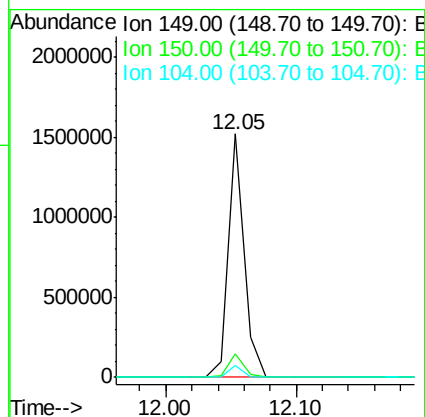
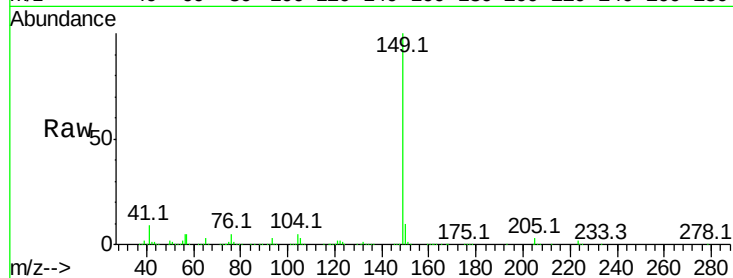
150 9.8 8.1 12.1

104 4.7 4.6 7.0

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#74

Fluoranthene

Concen: 37.98 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

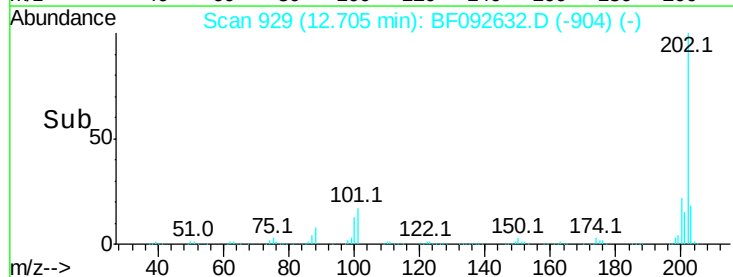
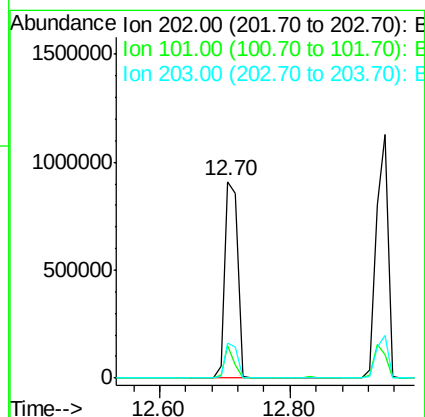
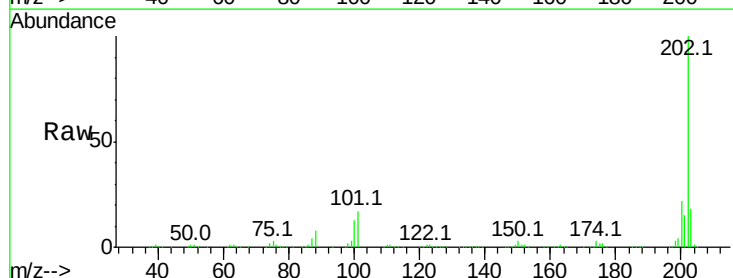
Tgt Ion:202 Resp: 1264614

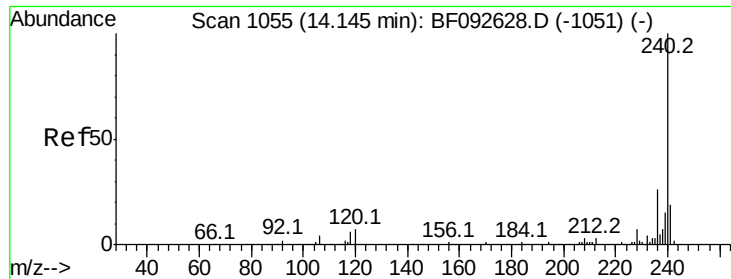
Ion Ratio Lower Upper

202 100

101 16.6 0.0 34.6

203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

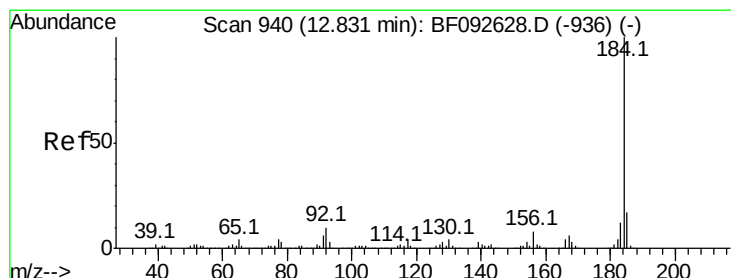
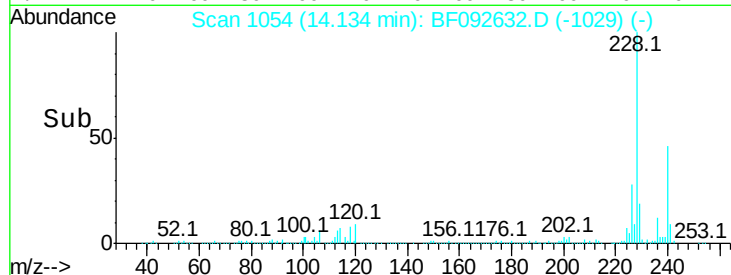
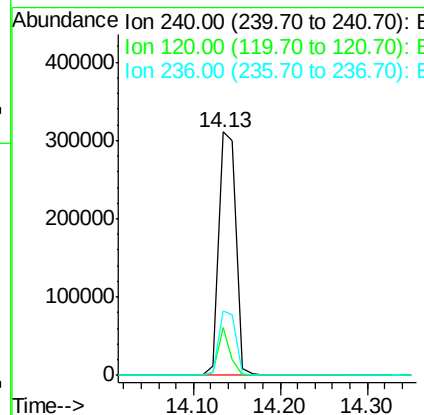
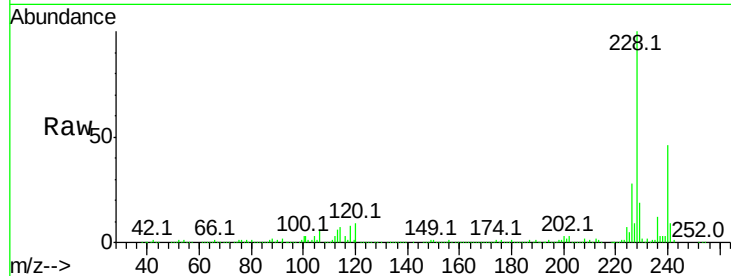
ClientSampleId :

ICVBF013017

Tot Ion	Ratio	Lower	Upper
240	100		
120	19.9	12.9	19.3#
236	26.6	20.9	31.3

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#76

Benzidine

Concen: 36.85 ng

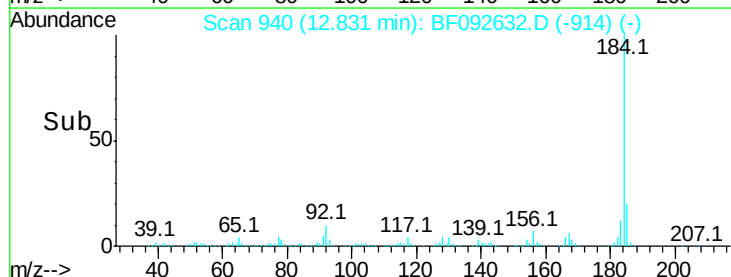
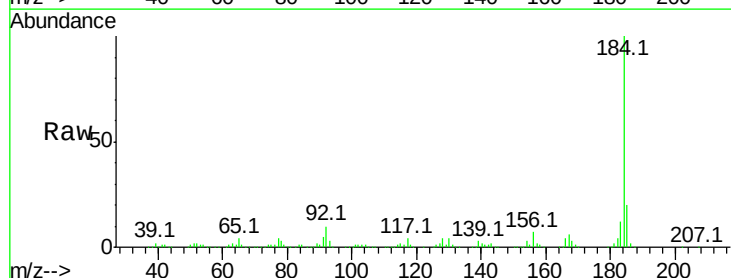
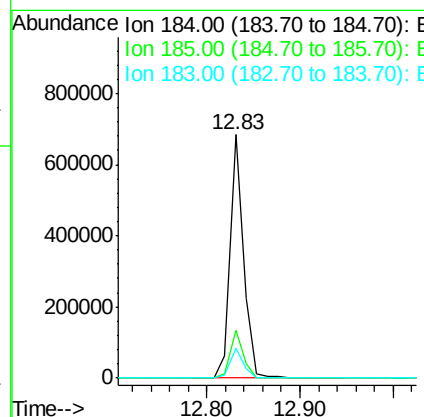
RT: 12.83 min Scan# 940

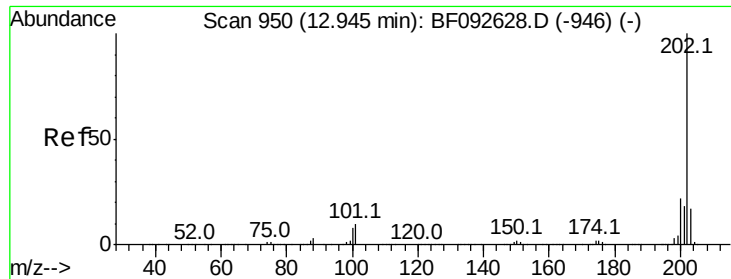
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.7	13.4	20.0
183	12.4	9.2	13.8





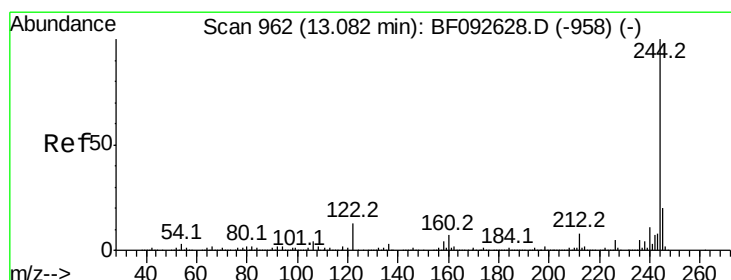
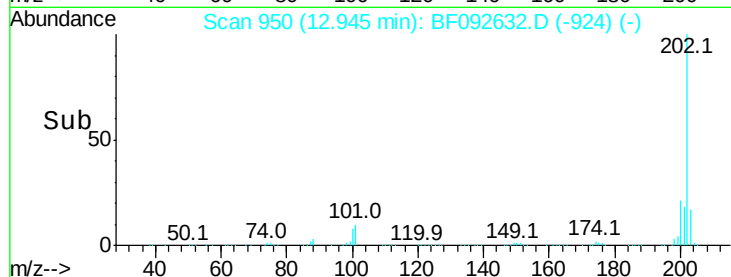
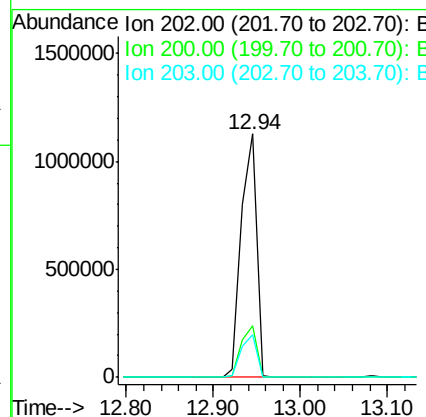
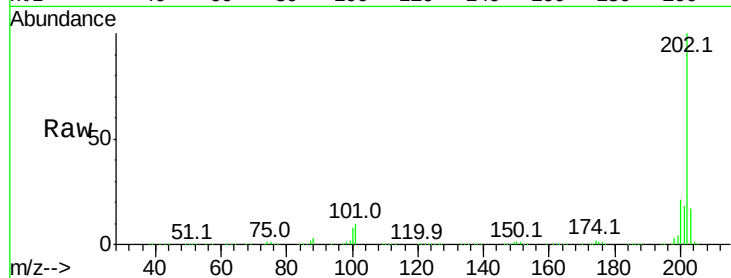
#77
 Pvrene
 Concen: 41.73 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.3	14.7	22.1

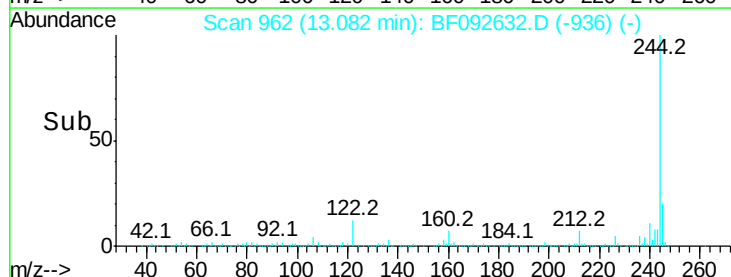
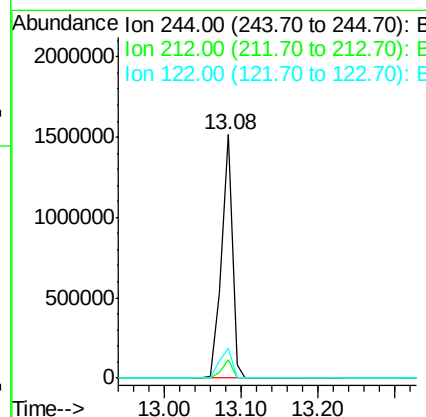
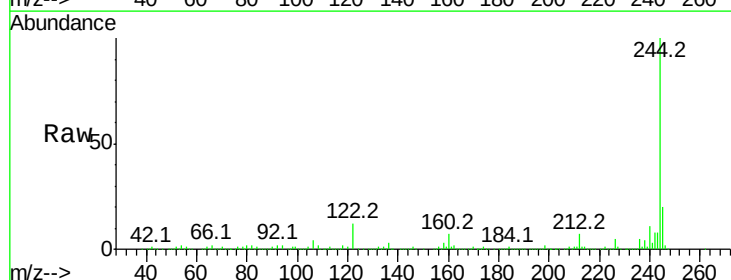
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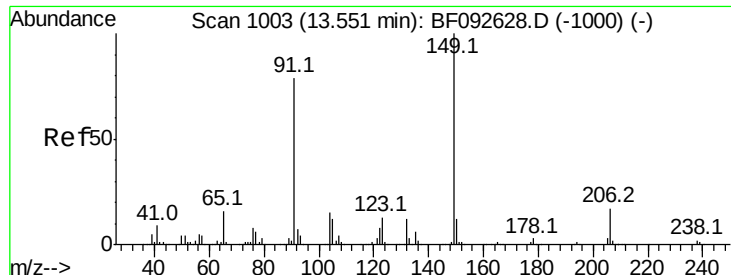
mohammad
 1/31/2017 4:45:21 PM



#78
 Terphenyl-d14
 Concen: 79.55 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.2	11.4	17.2





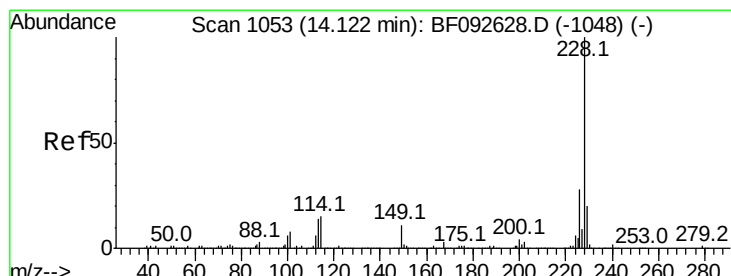
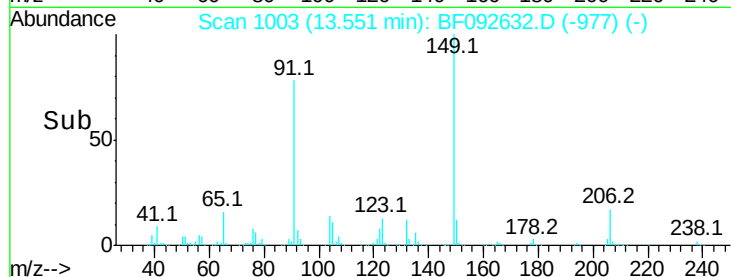
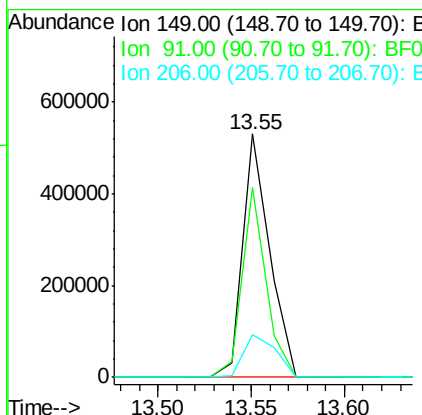
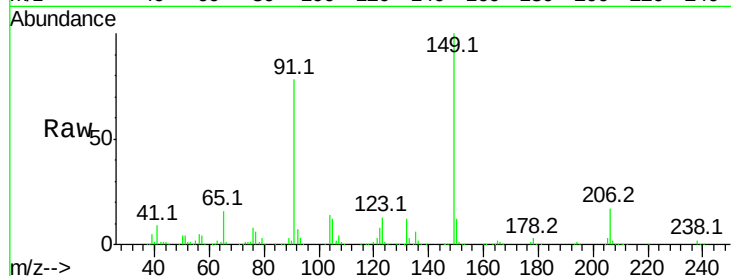
#79
Butylbenzylphthalate
Concen: 39.96 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
149	100	530135		
91	77.9	63.9	95.9	
206	17.4	14.6	21.8	

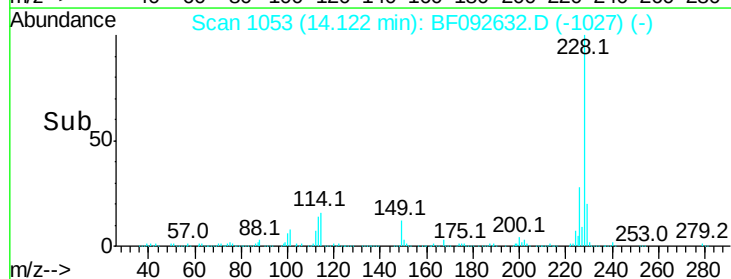
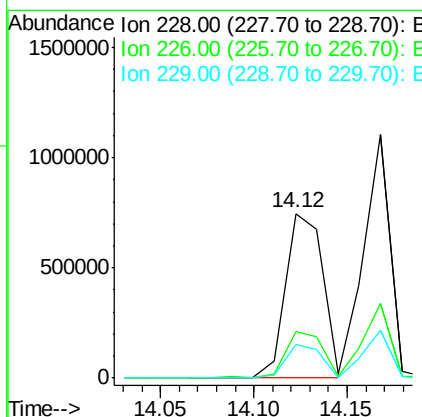
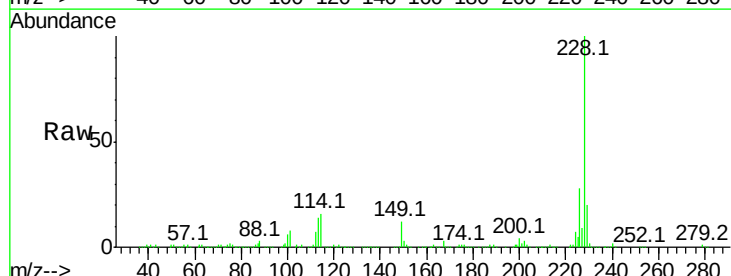
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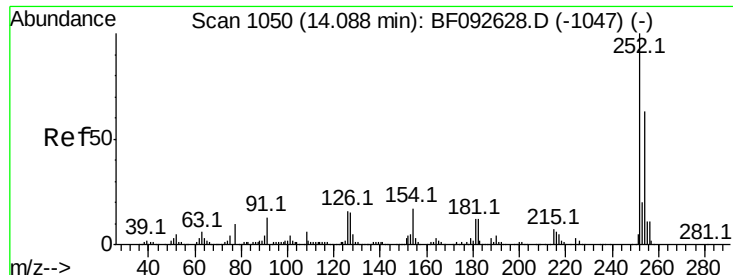
mohammad
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#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1044645		
226	28.0	22.4	33.6	
229	20.2	16.2	24.4	





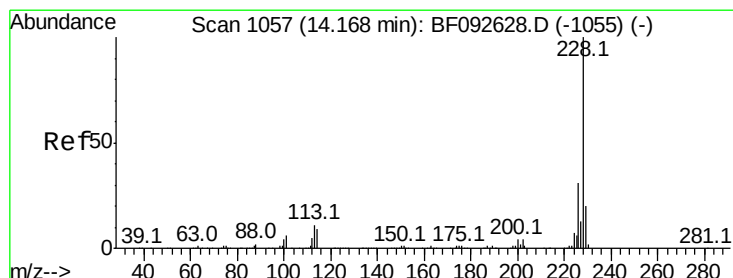
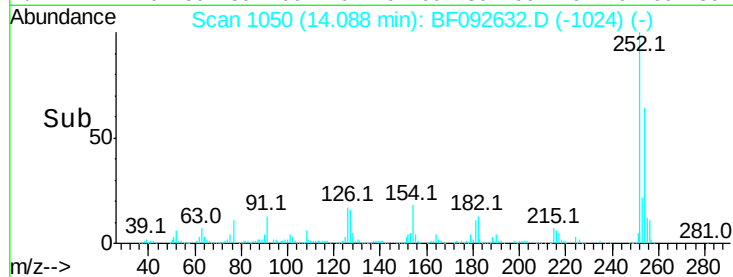
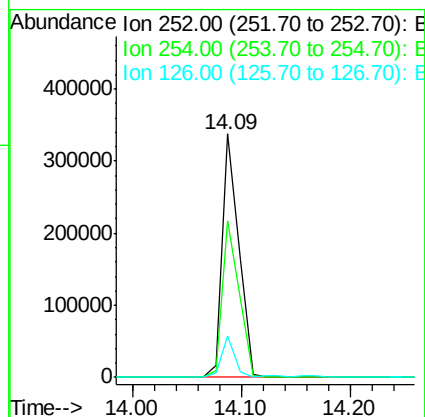
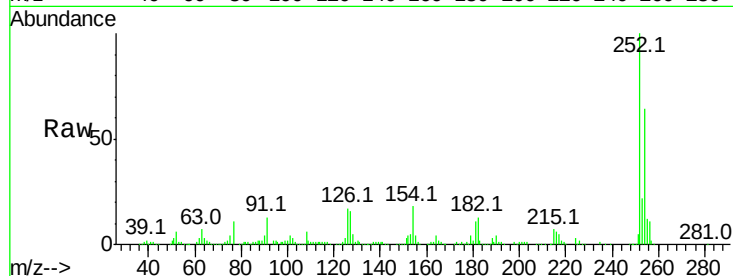
#81
 3,3'-Dichlorobenzidine
 Concen: 37.91 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	17.0	13.6	20.4

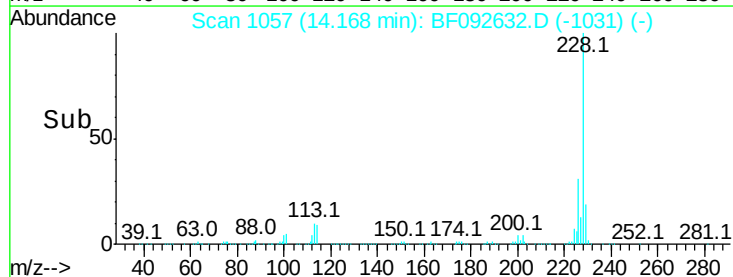
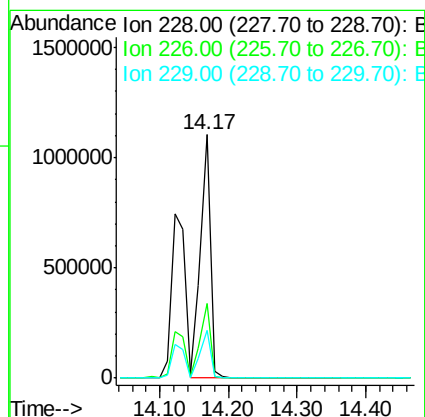
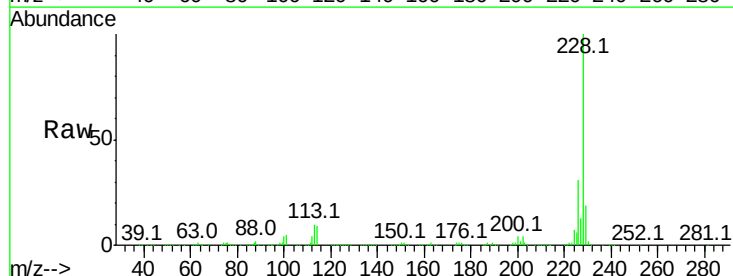
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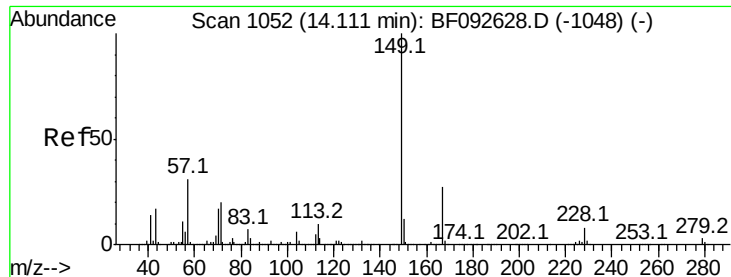
mohammad
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#82
 Chrysene
 Concen: 43.31 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.4	16.2	24.2





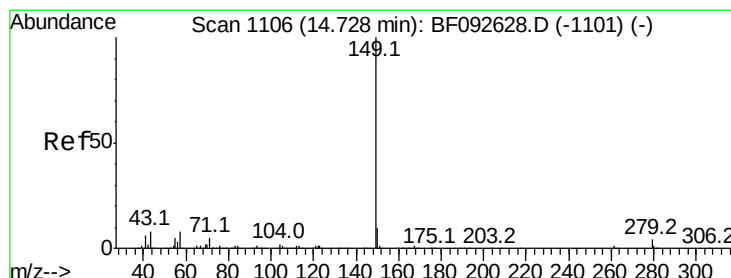
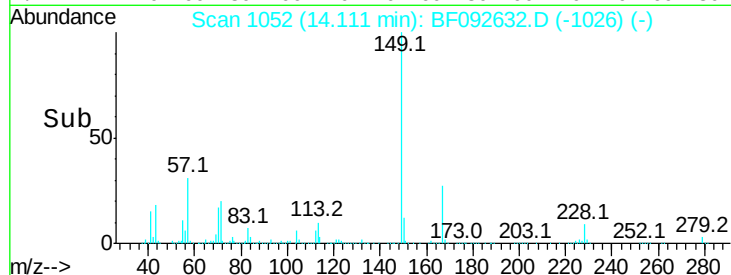
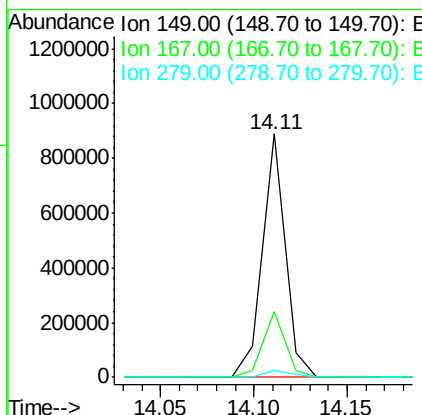
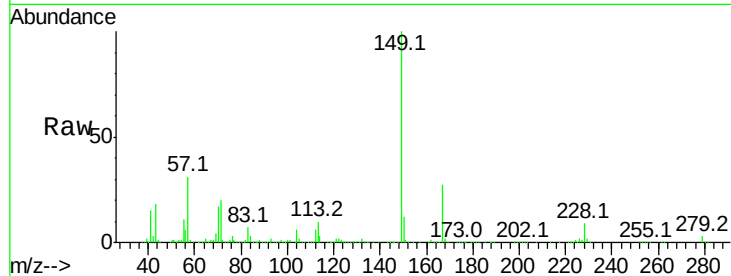
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.47 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp	Lower	Upper
149	100	752491		
167	27.0		20.2	30.4
279	2.7		1.8	2.8

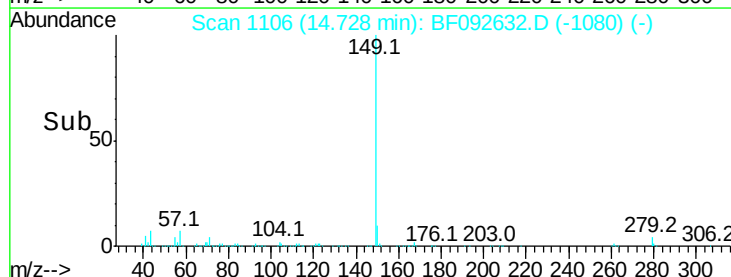
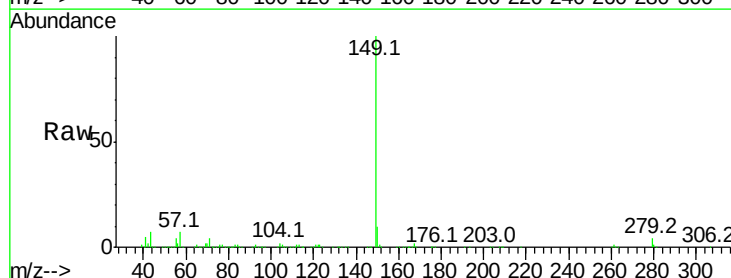
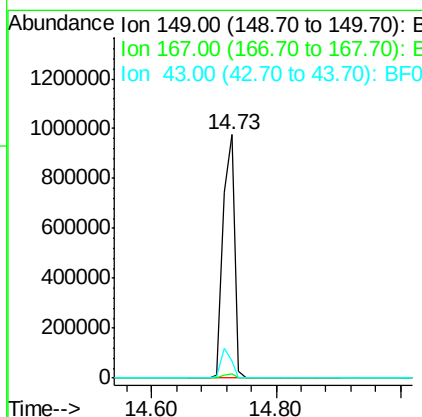
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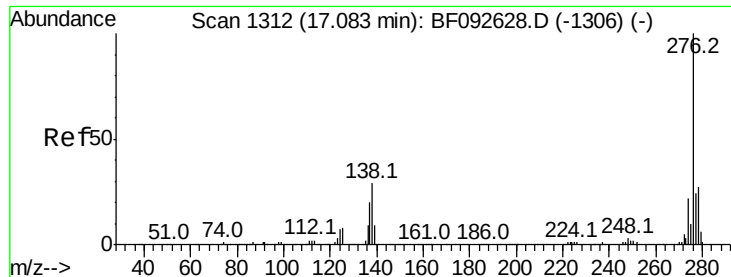
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.10 ng
 RT: 14.73 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1214418		
167	1.5		1.3	1.9
43	10.9		8.9	13.3





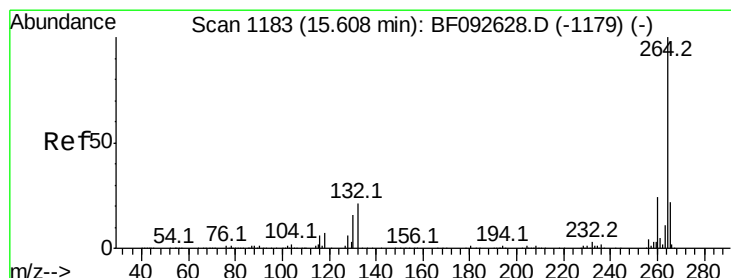
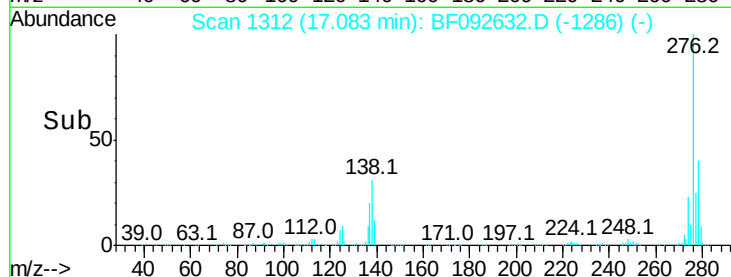
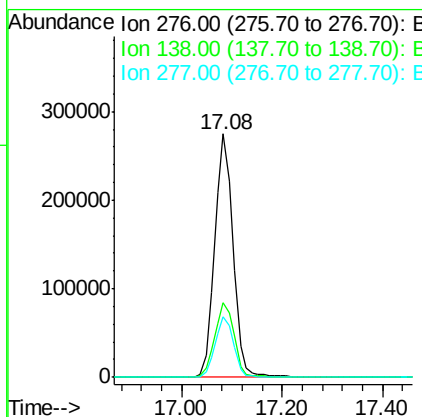
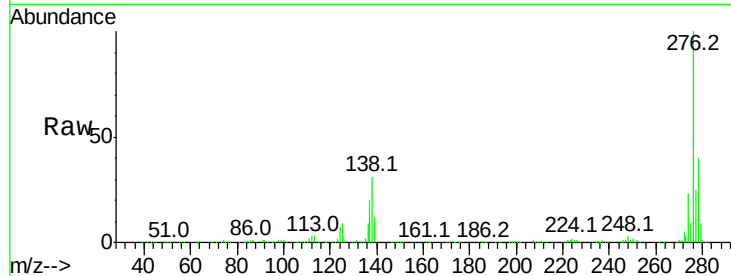
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.18 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	21.8	32.6
277	25.0	20.2	30.4

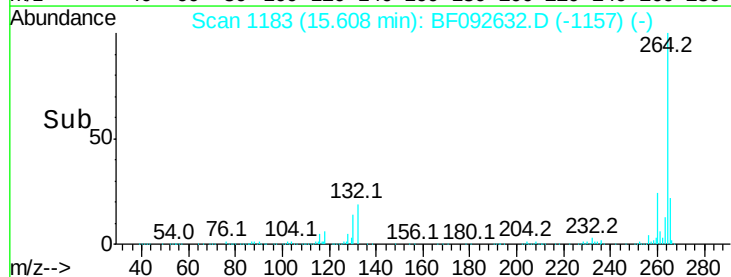
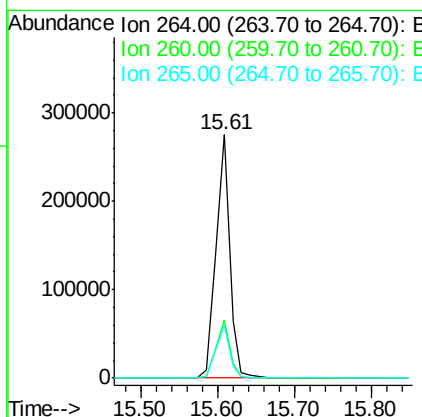
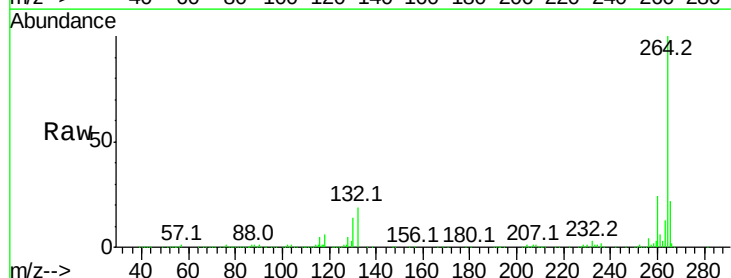
Manual Integrations
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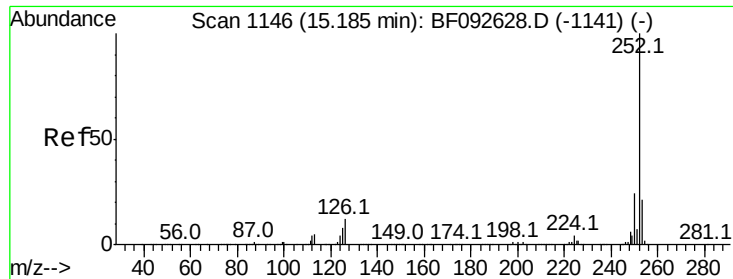
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.4	26.0





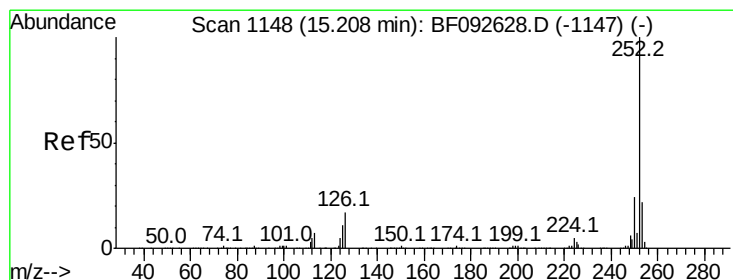
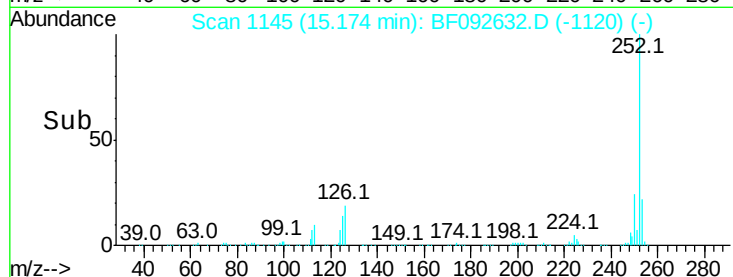
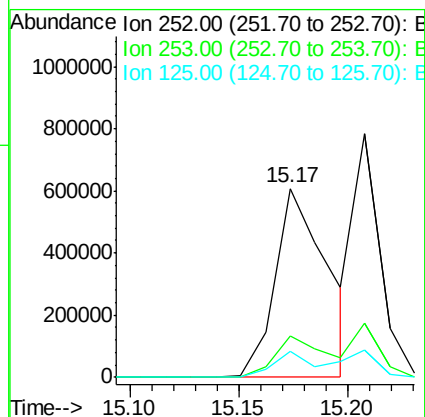
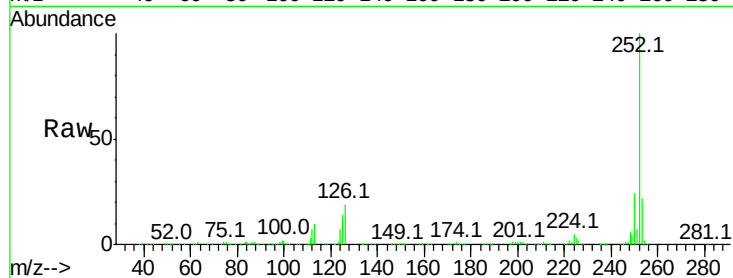
#87
Benzo(b)fluoranthene
Concen: 45.10 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:252 Resp: 1015466
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 13.7 9.8 14.6

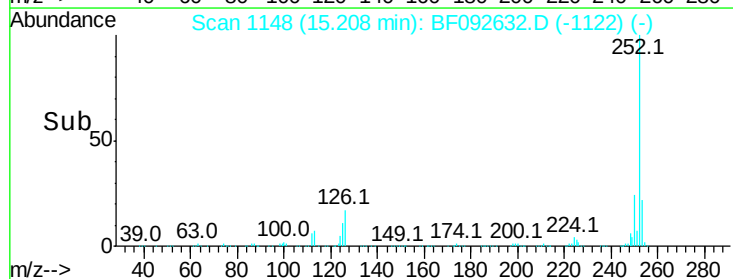
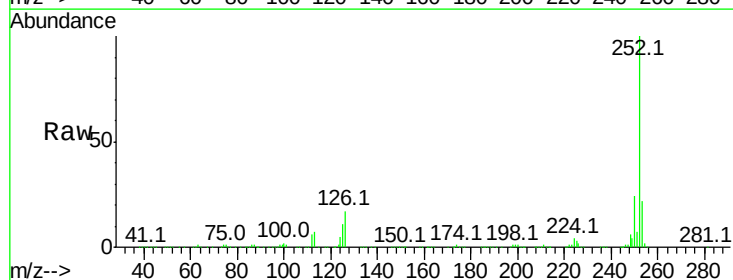
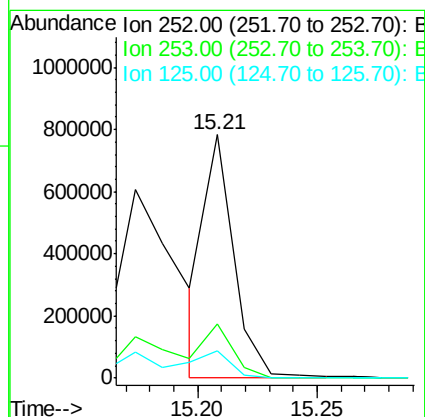
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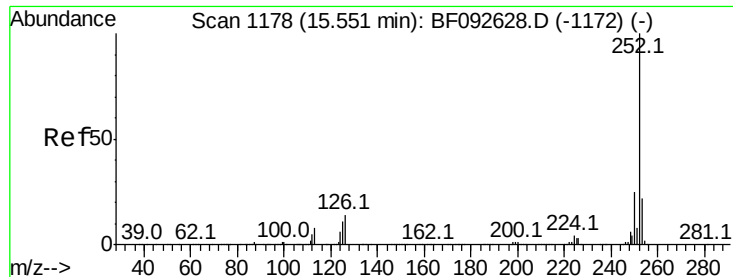
mohammad
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#88
Benzo(k)fluoranthene
Concen: 34.17 ng m
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:252 Resp: 664294
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.3 8.9 13.3





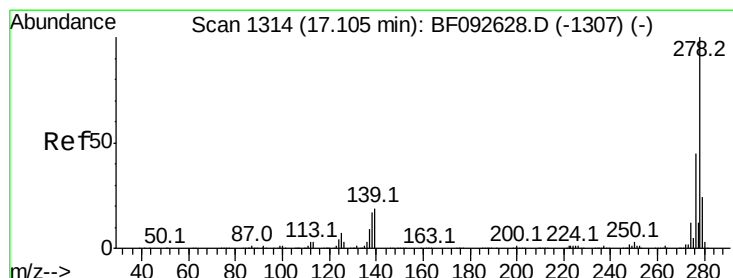
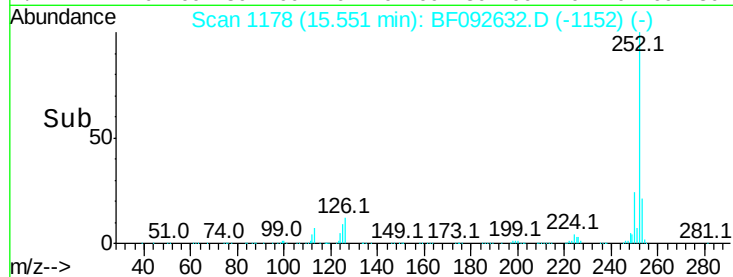
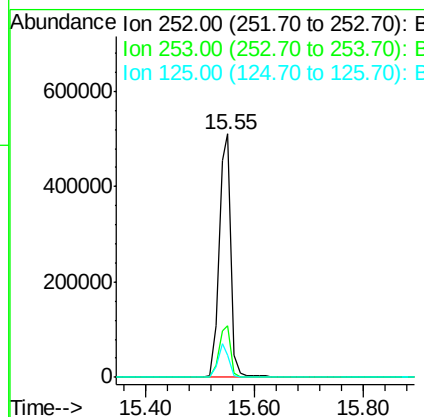
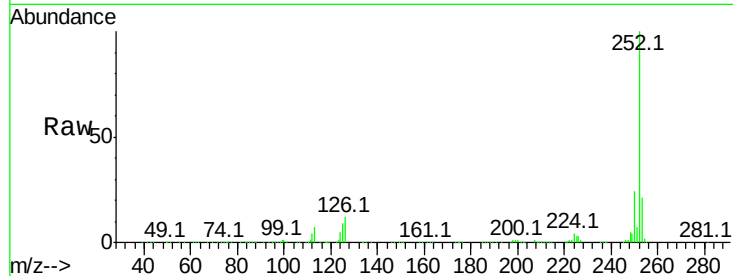
#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	9.2	10.0	15.0

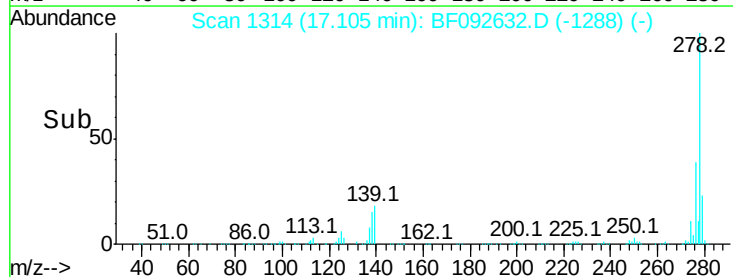
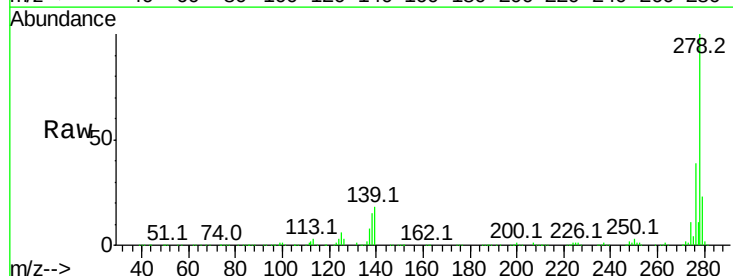
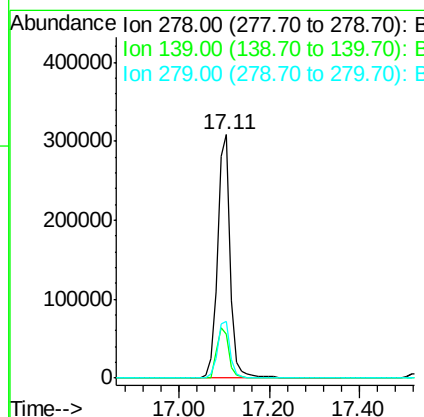
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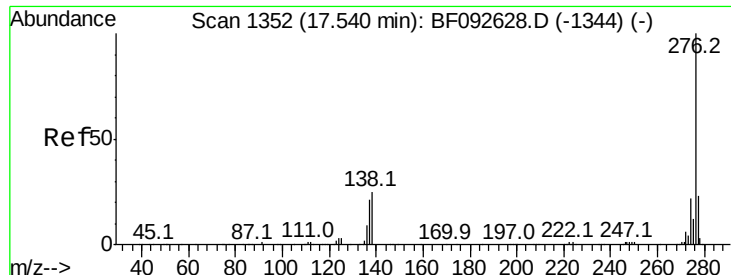
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.8	22.2
279	23.1	19.8	29.6





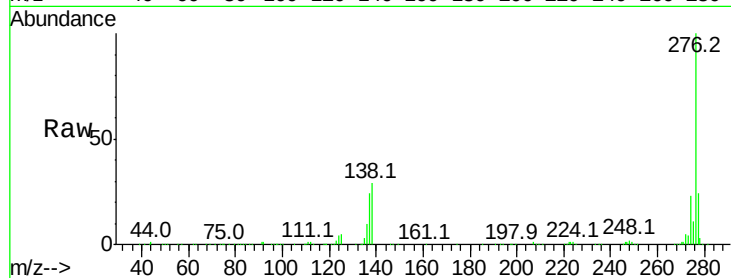
#91
 Benzo(a,h,i)perylene
 Concen: 37.98 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.2	28.8
138	28.5	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

