

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104494.D
 Acq On : 13 Apr 2018 22:15
 Operator : JU/SJ
 Sample : PB108218BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

Manual Integrations
 APPROVED

Quant Time: Apr 14 00:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122654	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	476086	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201545	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	308977	20.00	ng	0.00
75) Chrysene-d12	13.99	240	213138	20.00	ng	0.00
86) Perylene-d12	15.45	264	150573	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	621735	77.51	ng	0.02
7) Phenol-d6	6.46	99	753295	76.43	ng	0.01
23) Nitrobenzene-d5	7.38	82	694308	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	157354	75.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1169064	91.63	ng	0.00
78) Terphenyl-d14	12.93	244	805132	86.12	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	146512	39.198	ng	90
3) Pyridine	3.35	79	408880	38.908	ng	87
4) n-Nitrosodimethylamine	3.32	42	174747	47.570	ng	81
6) Aniline	6.47	93	232683	16.993	ng	# 1
8) 2-Chlorophenol	6.60	128	418122	49.386	ng	94
9) Benzaldehyde	6.36	77	1318	Below Cal		89
10) Phenol	6.47	94	489263	46.786	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	380996	45.655	ng	95
12) 1,3-Dichlorobenzene	6.75	146	424838	44.293	ng	99
13) 1,4-Dichlorobenzene	6.83	146	433981	45.390	ng	99
14) 1,2-Dichlorobenzene	6.99	146	402201	45.393	ng	98
15) Benzyl Alcohol	6.96	79	334945	44.744	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	476099	42.482	ng	86
17) 2-Methylphenol	7.07	107	334611	45.466	ng	93
18) Hexachloroethane	7.32	117	140921	41.338	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	266597	41.394	ng	93
20) 3+4-Methylphenols	7.23	107	393894	43.154	ng	# 69
22) Acetophenone	7.22	105	536066	45.736	ng	# 98
24) Nitrobenzene	7.40	77	422979	52.546	ng	100
25) Isophorone	7.64	82	765533	49.653	ng	99
26) 2-Nitrophenol	7.72	139	202059	61.659	ng	93
27) 2,4-Dimethylphenol	7.76	122	354734	52.133	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	489496	51.927	ng	99
29) 2,4-Dichlorophenol	7.96	162	322652	49.697	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	343462	48.205	ng	99
31) Naphthalene	8.12	128	1128055	47.584	ng	99
32) Benzoic acid	7.89	122	199076	36.668	ng	97
33) 4-Chloroaniline	8.17	127	163312	16.080	ng	97
34) Hexachlorobutadiene	8.23	225	187220	47.972	ng	99
35) Caprolactam	8.55	113	107726m	47.564	ng	
36) 4-Chloro-3-methylphenol	8.66	107	342696	49.227	ng	98
37) 2-Methylnaphthalene	8.81	142	737566	48.098	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	308642	53.497	ng	99
40) Hexachlorocyclopentadiene	8.96	237	62664	19.401	ng	98

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 ALS Vial : 23 Sample Multiplier: 1

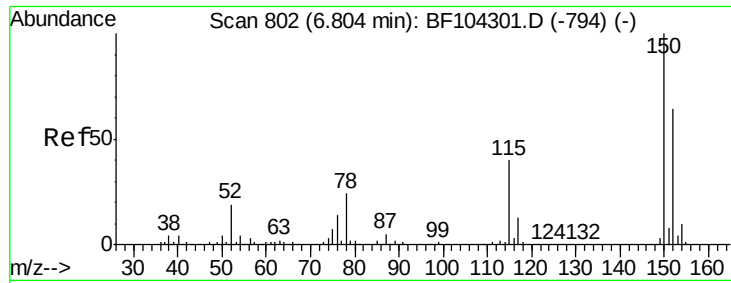
Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

Manual Integrations
 APPROVED

Quant Time: Apr 14 00:11:58 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	214872	53.651	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	213911	47.729	nq	98
45) 1,1'-Biphenyl	9.27	154	841466	49.699	nq	100
46) 2-Chloronaphthalene	9.30	162	661613	49.472	nq	99
47) 2-Nitroaniline	9.40	65	207606	62.773	nq	94
48) Acenaphthylene	9.72	152	962391	45.866	nq	100
49) Dimethylphthalate	9.58	163	811392	51.052	nq	100
50) 2,6-Dinitrotoluene	9.65	165	169118	57.506	nq	90
51) Acenaphthene	9.89	154	569197	44.461	nq	99
52) 3-Nitroaniline	9.81	138	140990	40.951	nq	99
53) 2,4-Dinitrophenol	9.92	184	27258	32.865	nq	24
54) Dibenzofuran	10.06	168	853594	47.844	nq	98
55) 4-Nitrophenol	9.99	139	236854	87.577	nq	95
56) 2,4-Dinitrotoluene	10.05	165	211192	54.747	nq	98
57) Fluorene	10.40	166	621224	47.837	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	159349	47.658	nq	93
59) Diethylphthalate	10.27	149	763976	48.265	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	299664	51.815	nq	94
61) 4-Nitroaniline	10.43	138	167221	49.674	nq	99
62) Azobenzene	10.56	77	665602	44.014	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	22206	19.845	nq	91
65) n-Nitrosodiphenylamine	10.52	169	582310	54.355	nq	98
66) 4-Bromophenyl-phenylether	10.89	248	185478	56.436	nq	93
67) Hexachlorobenzene	10.95	284	191965	51.910	nq	93
68) Atrazine	11.05	200	136552	42.228	nq	99
69) Pentachlorophenol	11.15	266	157832	68.989	nq	98
70) Phenanthrene	11.37	178	829891	48.231	nq	99
71) Anthracene	11.42	178	844618	48.289	nq	100
72) Carbazole	11.58	167	762165	44.593	nq	99
73) Di-n-butylphthalate	11.90	149	1033278	49.490	nq	99
74) Fluoranthene	12.56	202	790233	43.956	nq	98
76) Benzidine	12.68	184	165273	18.951	nq	97
77) Pyrene	12.79	202	793022	50.196	nq	99
79) Butylbenzylphthalate	13.40	149	387013	51.998	nq	99
80) Benzo(a)anthracene	13.98	228	662965	52.066	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	232040	48.875	nq	97
82) Chrysene	14.02	228	631151	48.257	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	516776	53.980	nq	99
84) Di-n-octyl phthalate	14.59	149	838782	52.436	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	482494	43.428	nq	96
87) Benzo(b)fluoranthene	15.03	252	575568	60.523	nq	98
88) Benzo(k)fluoranthene	15.06	252	507895	56.570	nq	99
89) Benzo(a)pyrene	15.39	252	484605	56.952	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	413125	59.115	nq	98
91) Benzo(g,h,i)perylene	17.36	276	393699	58.148	nq	95

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

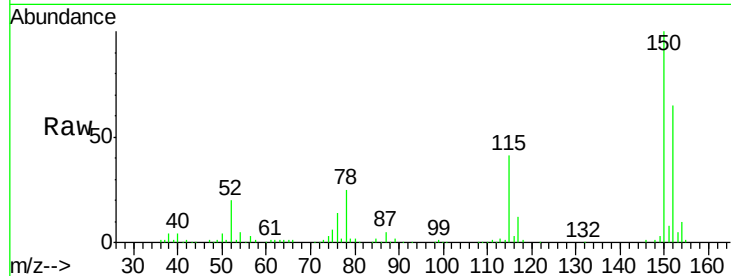


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	62.8	50.1	75.1

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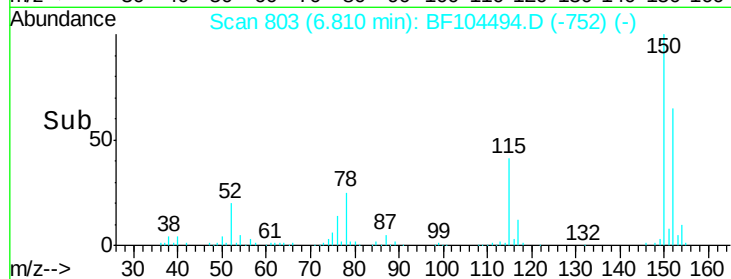
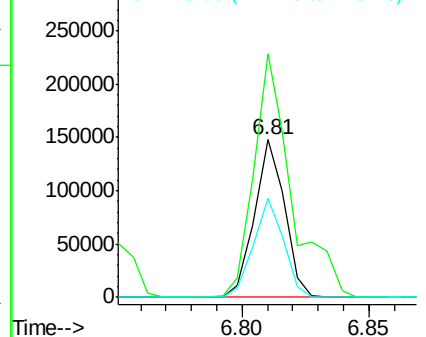


Abundance

Ion 152.00 (151.70 to 152.70): E

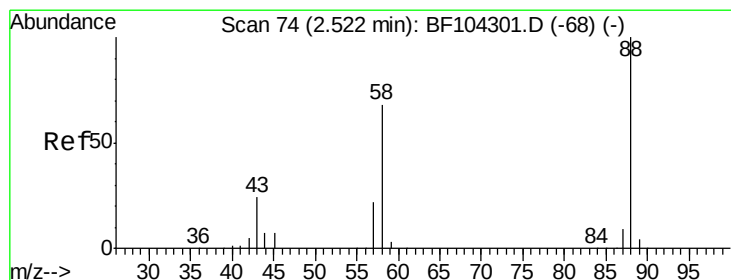
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



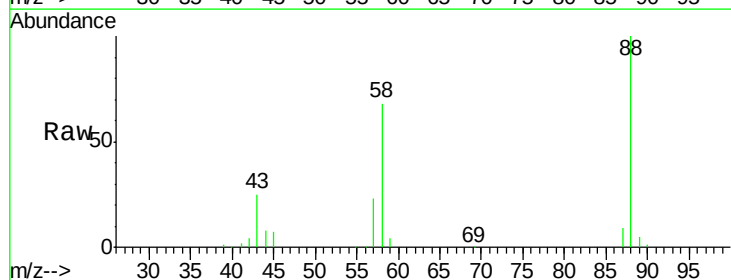
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#2
 1,4-Dioxane
 Concen: 39.198 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.08 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	62.6	93.8
43	25.7	24.6	37.0

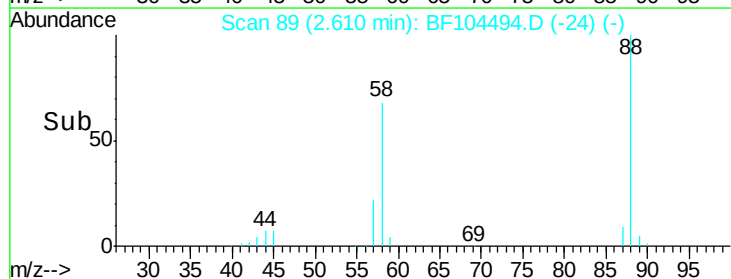
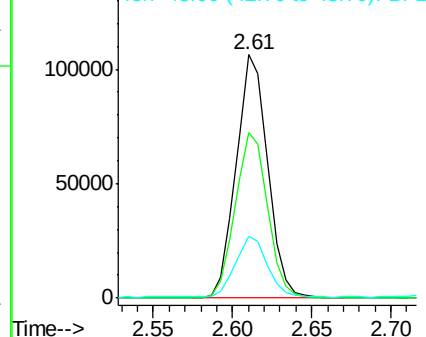


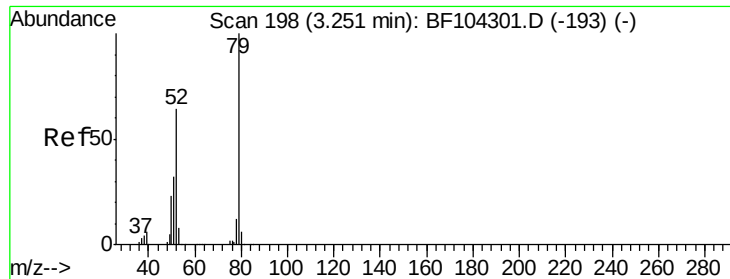
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.908 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.08 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

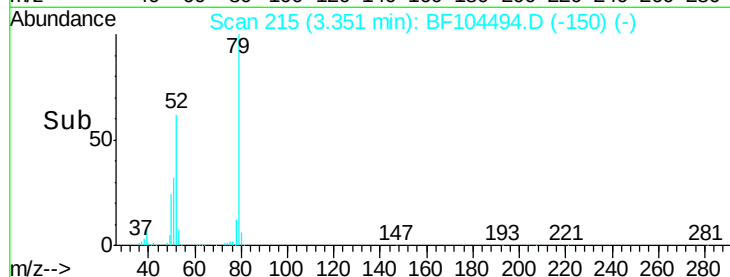
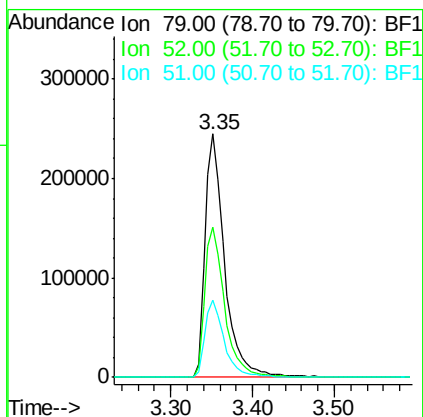
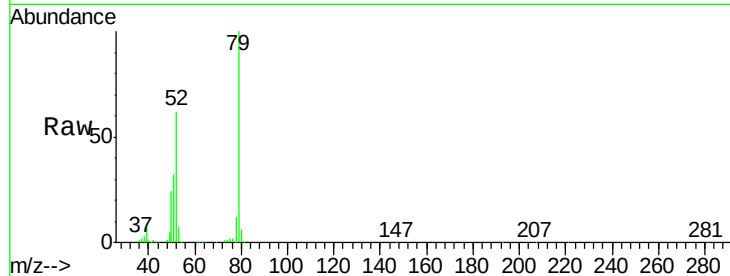
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ClientSampleId :

PB108218BSD

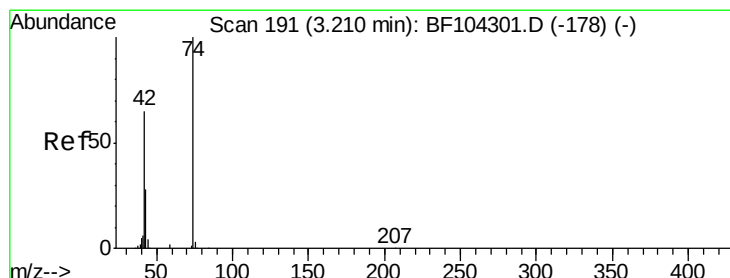
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		408880		
52	61.5	59.8		89.6	
51	31.9	29.8		44.8	

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#4

n-Nitrosodimethylamine

Concen: 47.570 ng

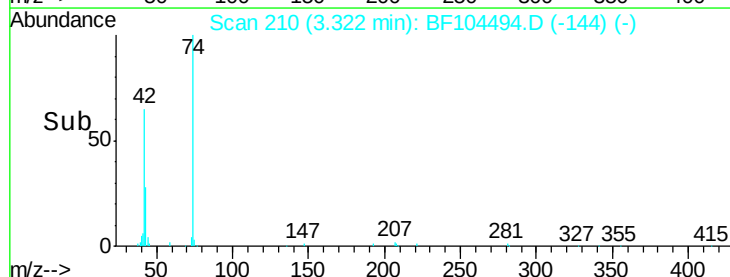
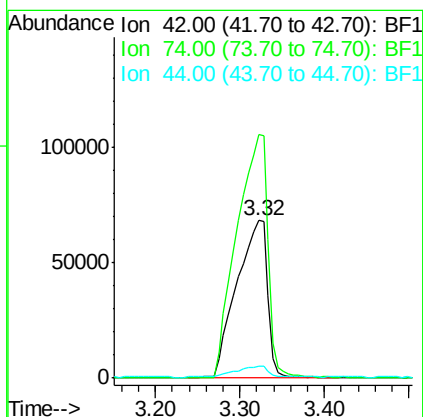
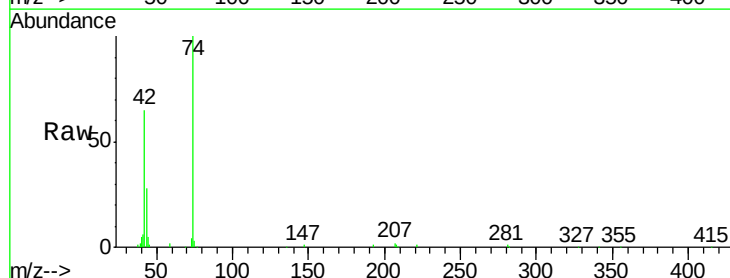
RT: 3.32 min Scan# 210

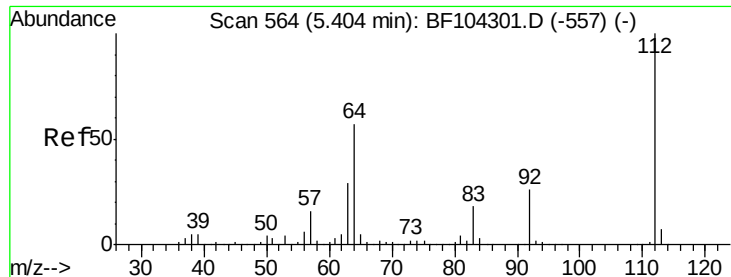
Delta R.T. 0.09 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		174747		
74	154.8	104.9		157.3	
44	7.6	6.9		10.3	





#5

2-Fluorophenol

Concen: 77.508 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

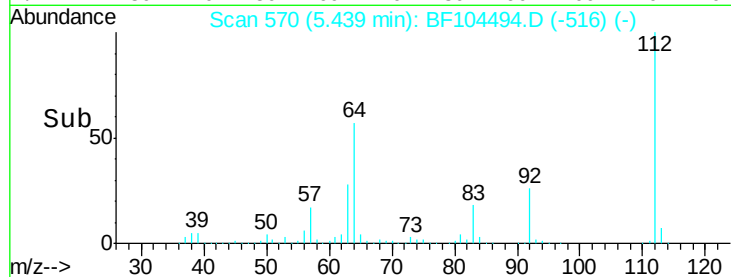
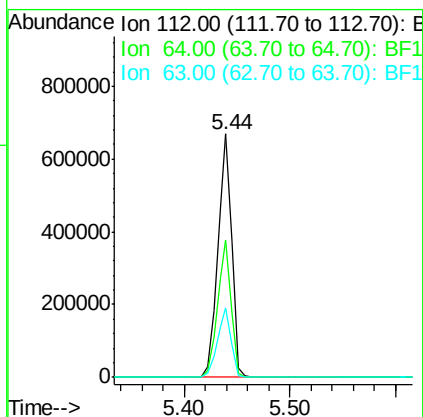
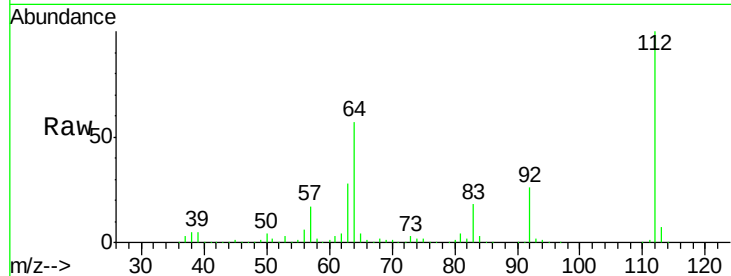
BNA_F

ClientSampleId :

PB108218BSD

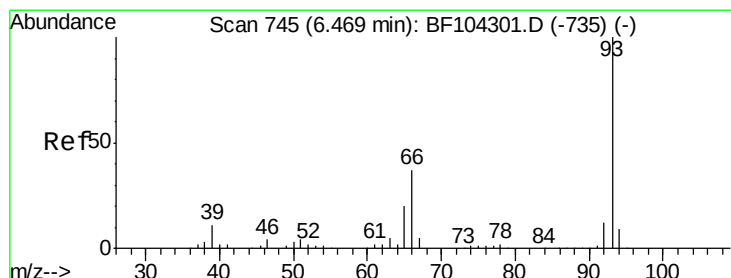
Tot Ion:	112	Resp:	621735
Ion Ratio	Lower	Upper	
112	100		
64	56.6	47.9	71.9
63	28.5	23.7	35.5

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#6

Aniline

Concen: 16.993 ng

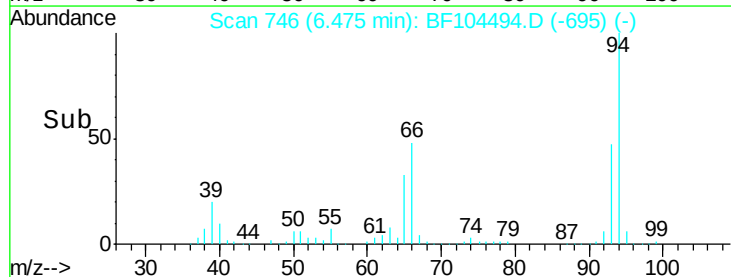
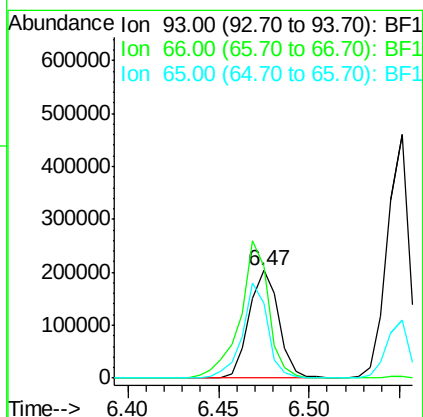
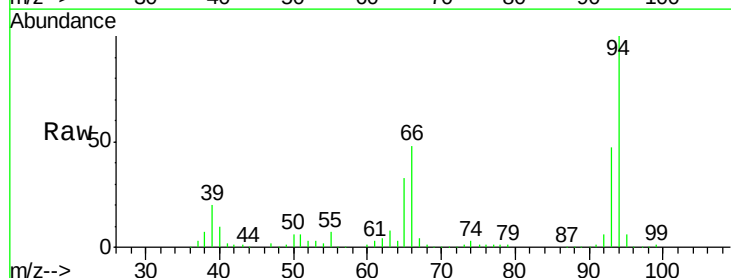
RT: 6.47 min Scan# 746

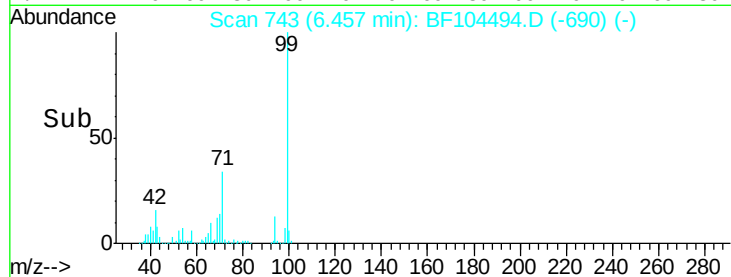
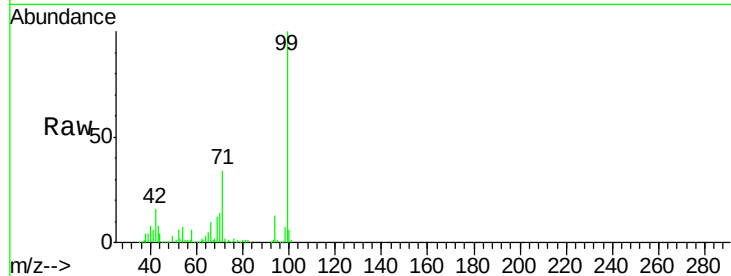
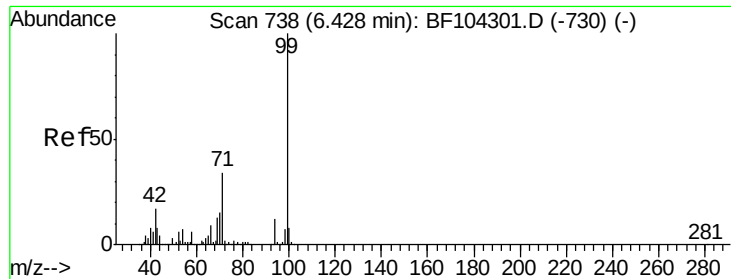
Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	93	Resp:	232683
Ion Ratio	Lower	Upper	
93	100		
66	103.7	32.2	48.2#
65	69.9	16.4	24.6#





#7

Phenol-d6

Concen: 76.431 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		753295		
42	16.2	14.5	21.7		
71	33.5	25.4	38.0		

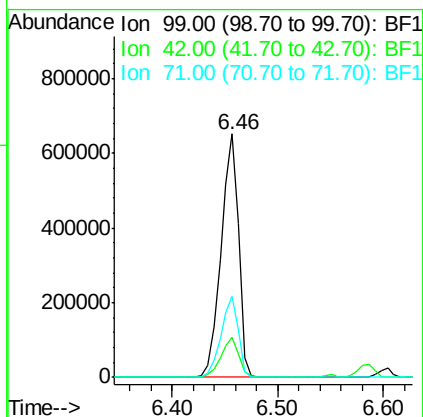
Instrument :

BNA_F

ClientSampleId :

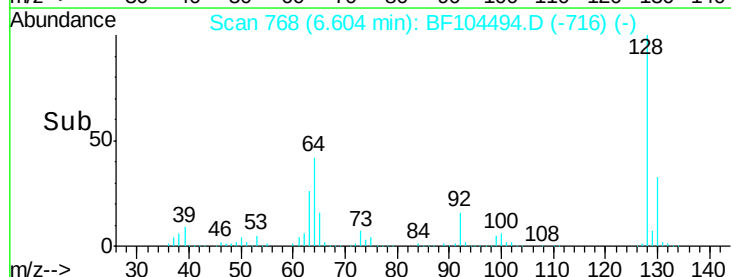
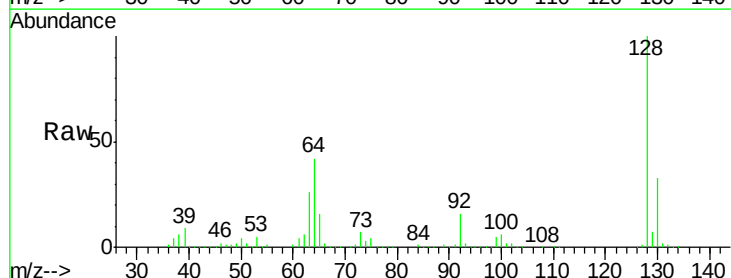
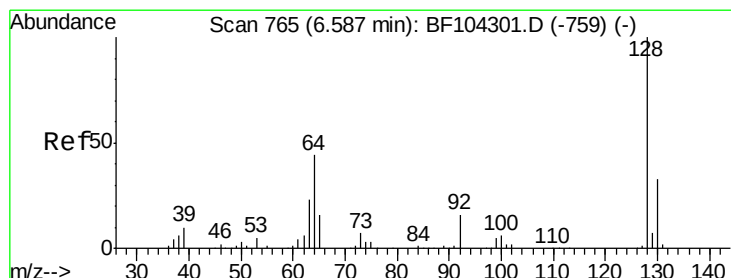
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#8

2-Chlorophenol

Concen: 49.386 ng

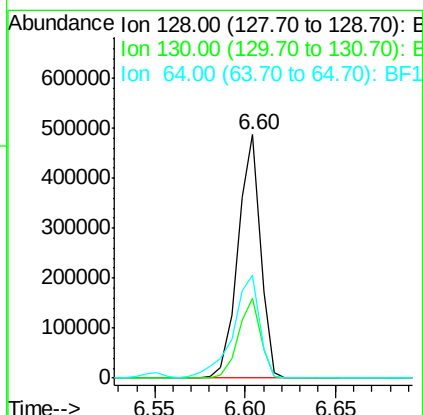
RT: 6.60 min Scan# 768

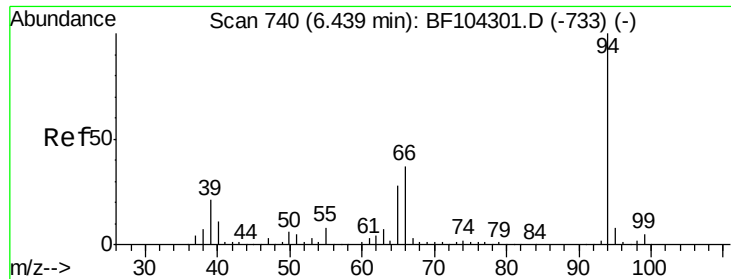
Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		418122		
130	32.8	13.0	53.0		
64	42.1	29.4	69.4		



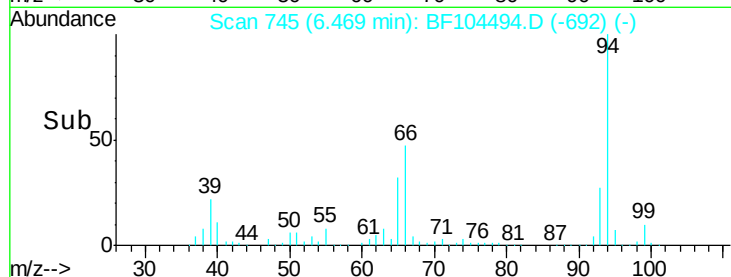
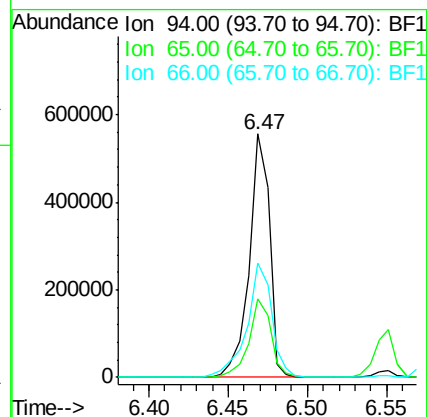
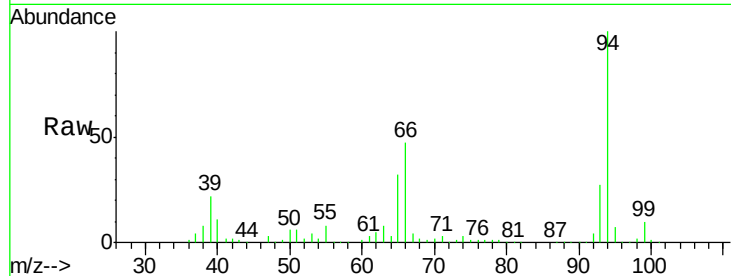


#10
Phenol
Concen: 46.786 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampled :
PB108218BSD

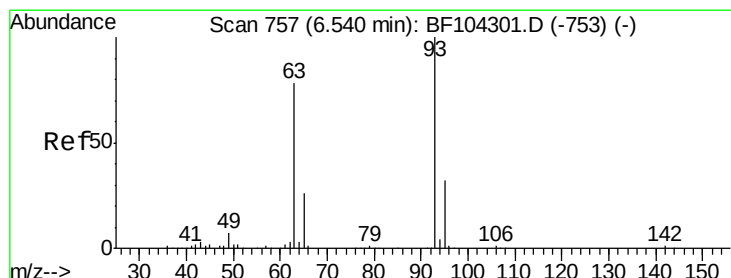
Tot Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	46.7	16.2	56.2

Manual Integrations
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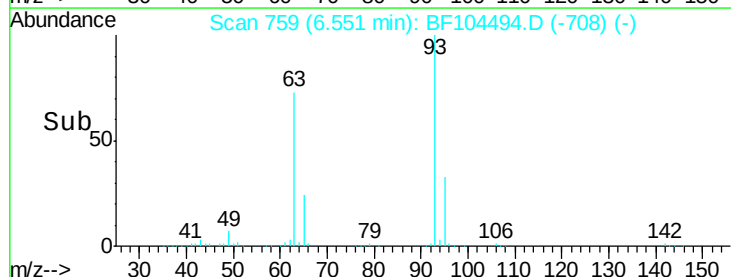
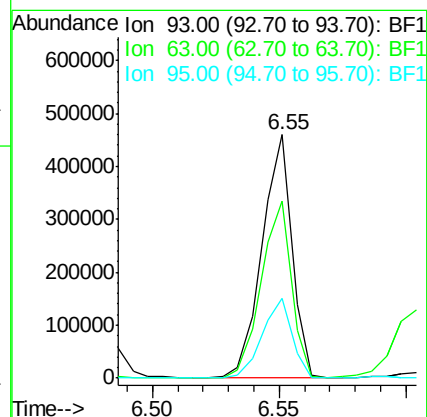
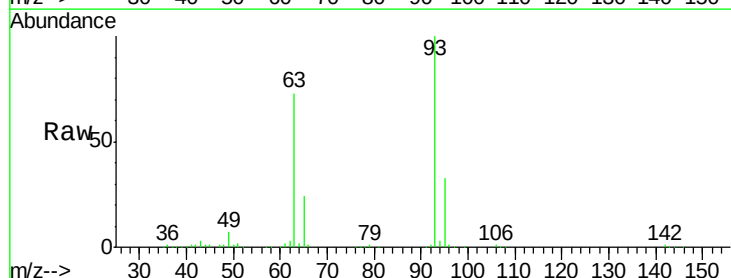
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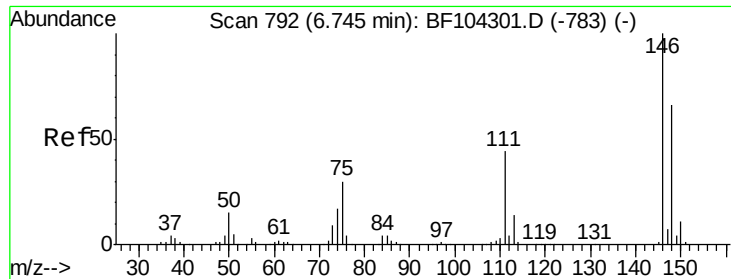
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#11
bis(2-Chloroethyl)ether
Concen: 45.655 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.5	58.6	98.6
95	32.6	11.8	51.8



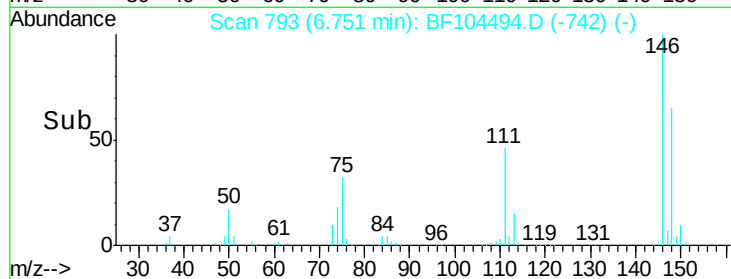
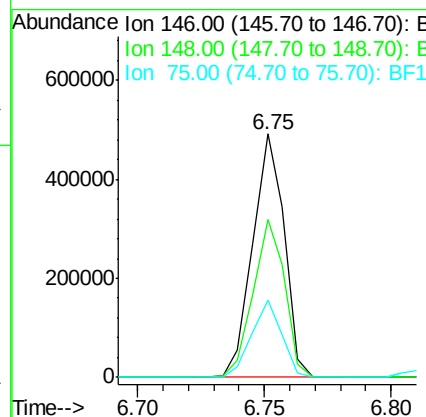
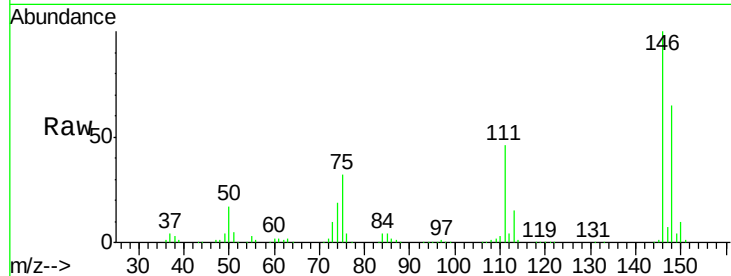


#12
 1,3-Dichlorobenzene
 Concen: 44.293 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

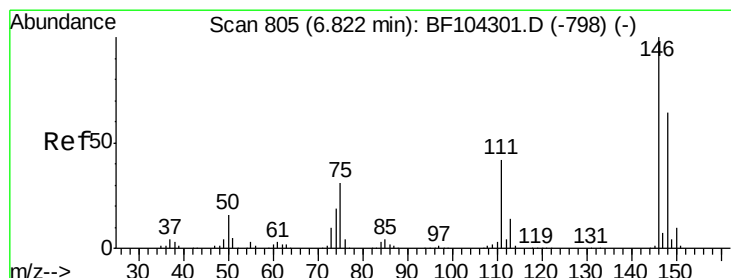
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	31.9	24.2	36.4

Manual Integrations
 APPROVED



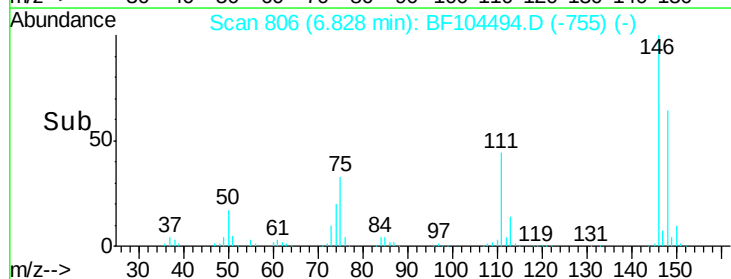
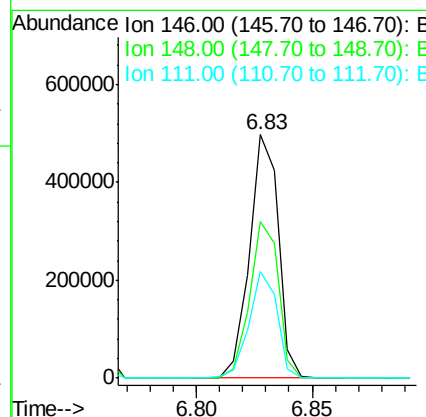
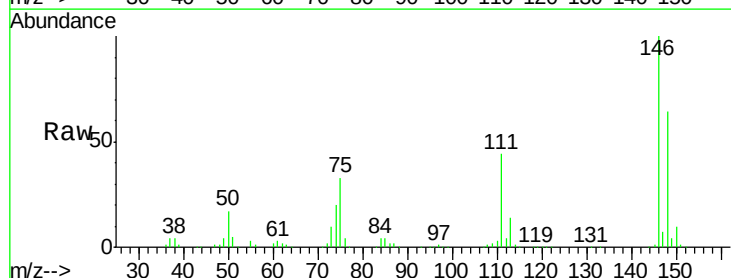
Sohil

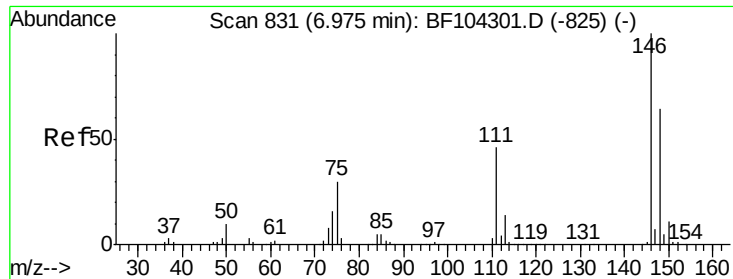
4/16/2018 3:10:30 PM



#13
 1,4-Dichlorobenzene
 Concen: 45.390 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	44.0	34.2	51.2



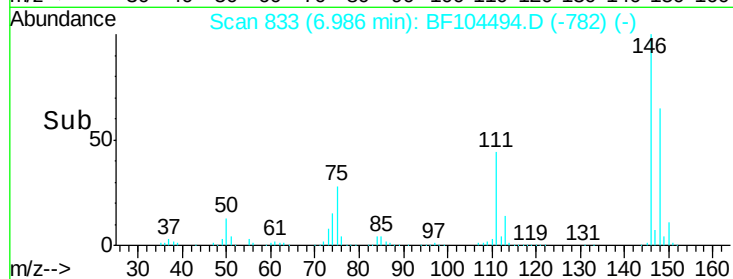
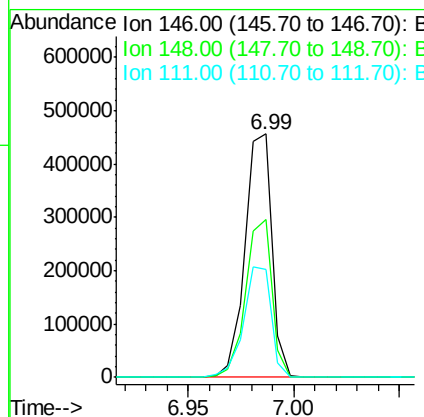
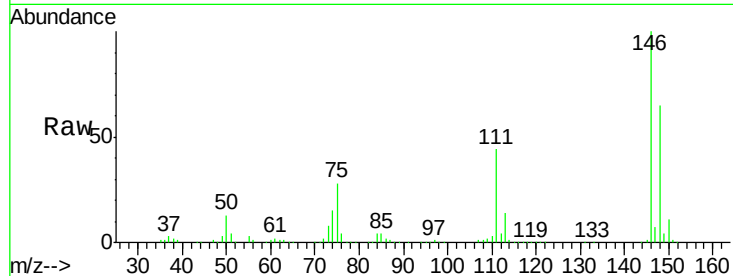


#14
 1,2-Dichlorobenzene
 Concen: 45.393 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

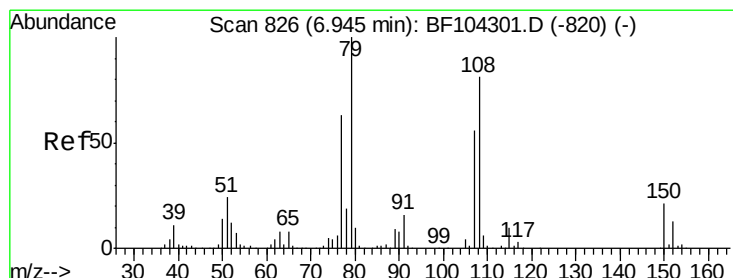
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	44.1	36.0	54.0

Manual Integrations
 APPROVED



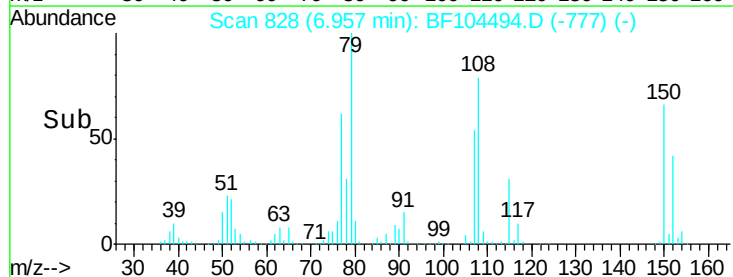
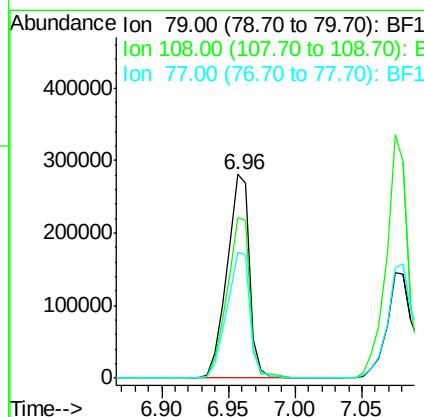
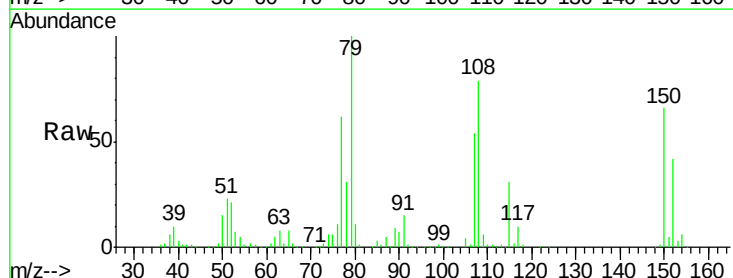
Sohil

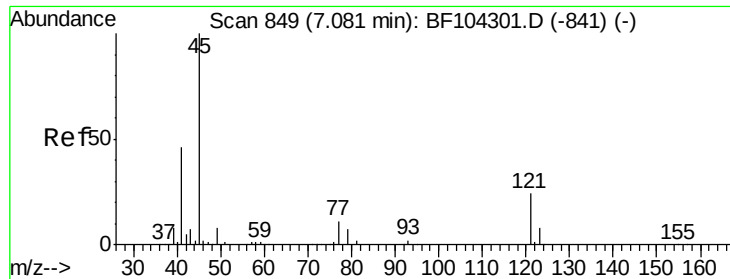
4/16/2018 3:10:30 PM



#15
 Benzyl Alcohol
 Concen: 44.744 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.1	97.7
77	61.8	50.6	75.8



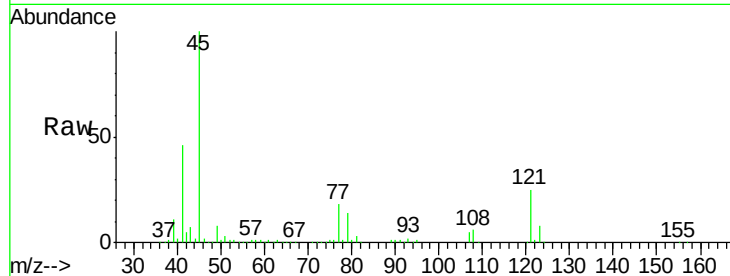


#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.482 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

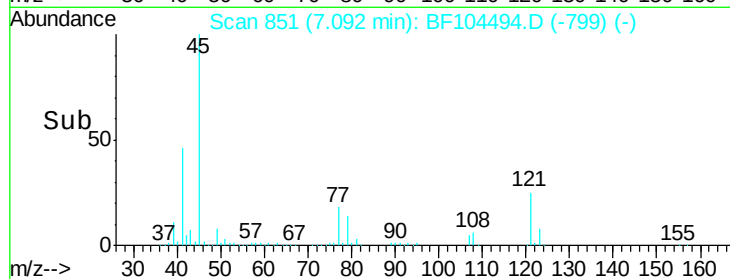
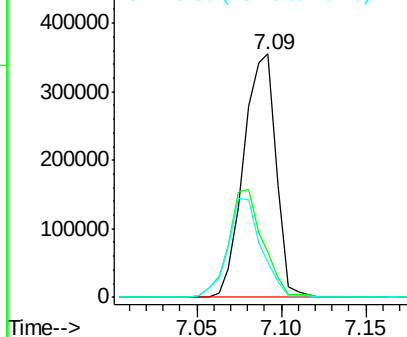
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	32.9
79	14.4	0.0	29.6

Manual Integrations
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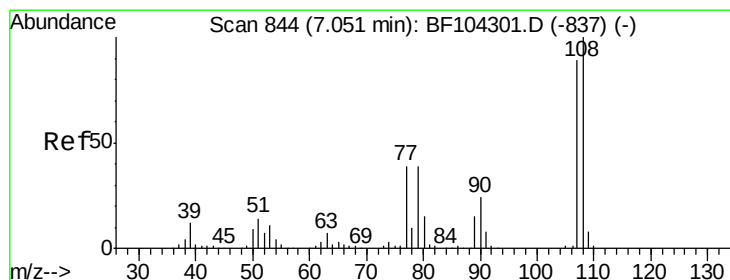


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



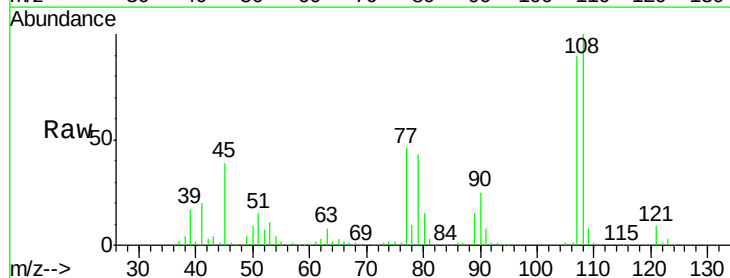
Sohil

4/16/2018 3:10:30 PM

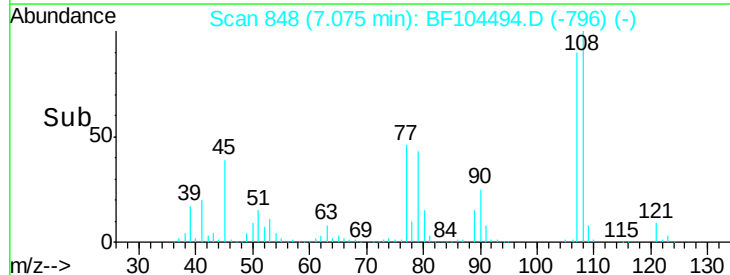
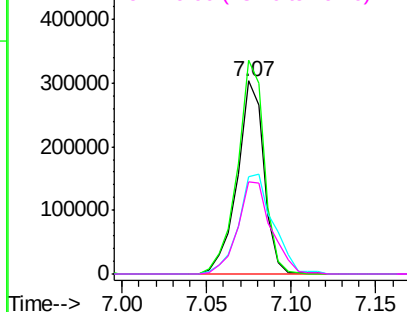


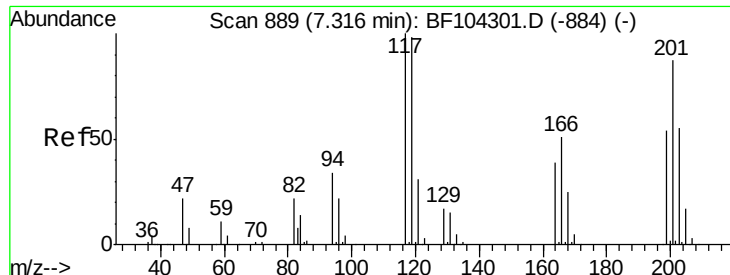
#17
2-Methylphenol
Concen: 45.466 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.7	137.5
77	50.5	33.8	50.8
79	47.8	33.8	50.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



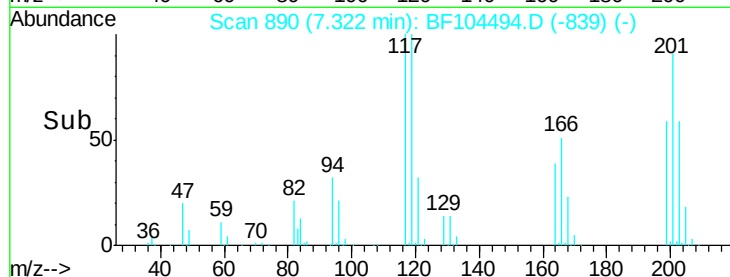
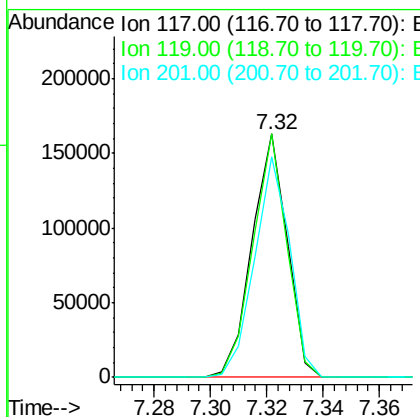
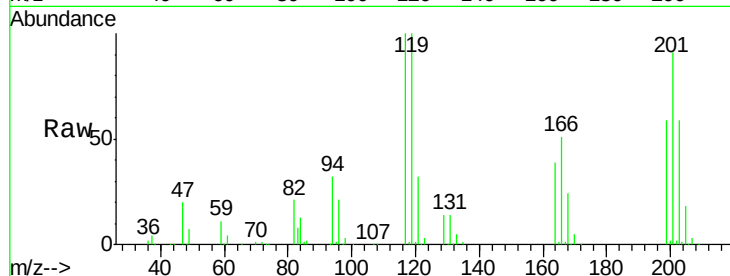


#18
Hexachloroethane
Concen: 41.338 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

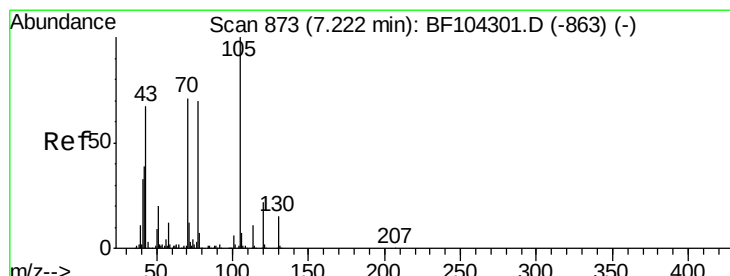
Tot Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.1	75.8	113.8	
201	90.8	75.7	113.5	

Manual Integrations
APPROVED



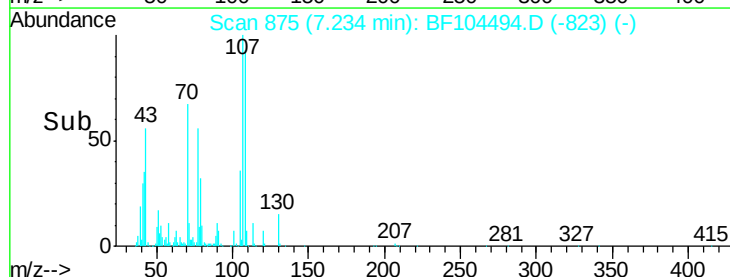
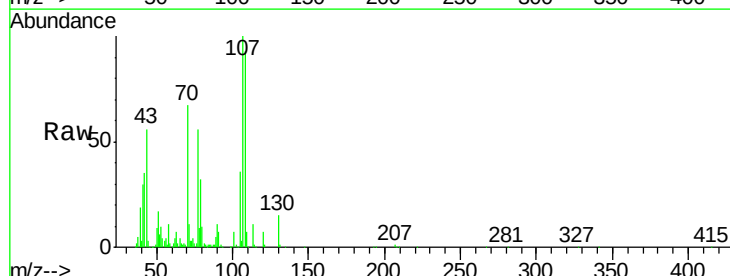
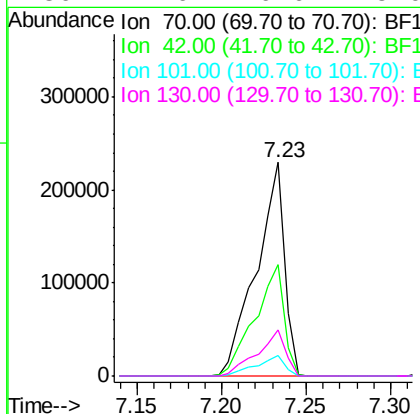
Sohil

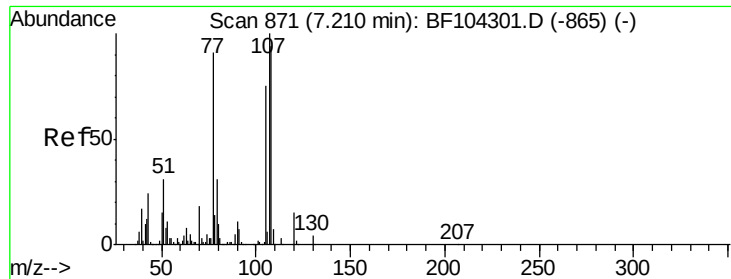
4/16/2018 3:10:30 PM



#19
n-Nitroso-di-n-propylamine
Concen: 41.394 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	52.1	47.5	71.3	
101	9.6	7.4	11.2	
130	21.6	16.6	25.0	



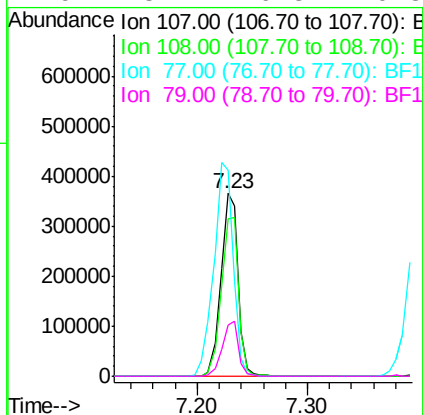
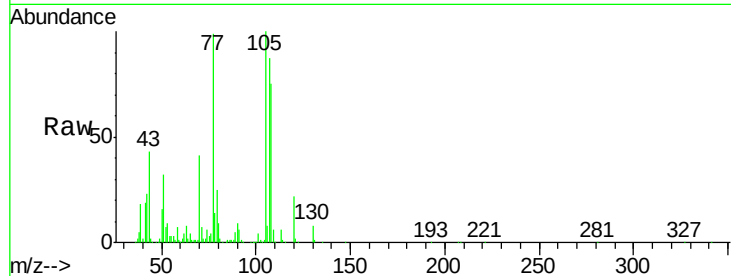


#20
3+4-Methylphenols
Concen: 43.154 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

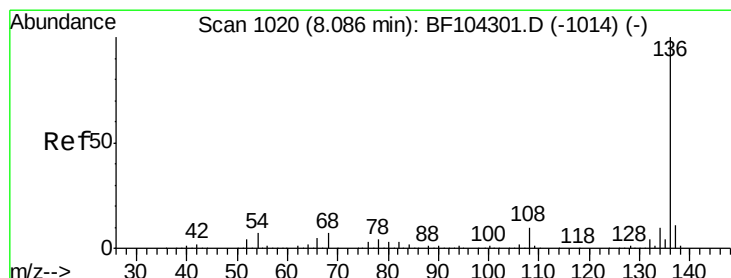
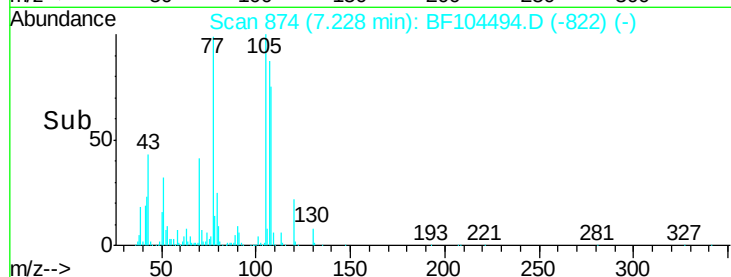
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	393894		
108	108	86.3	68.2	108.2	
77	77	113.0	26.7	66.7	
79	79	28.1	6.3	46.3	

Manual Integrations
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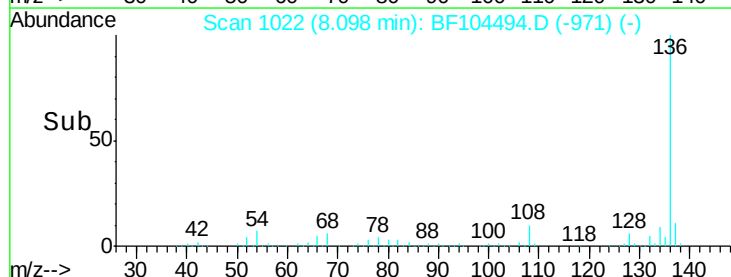
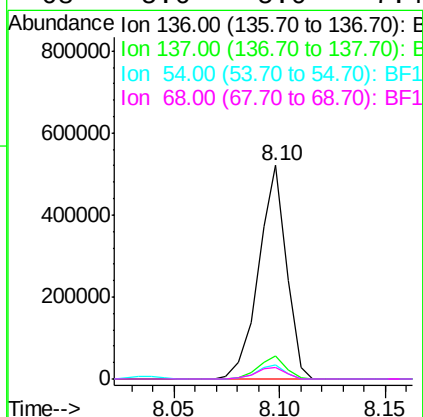
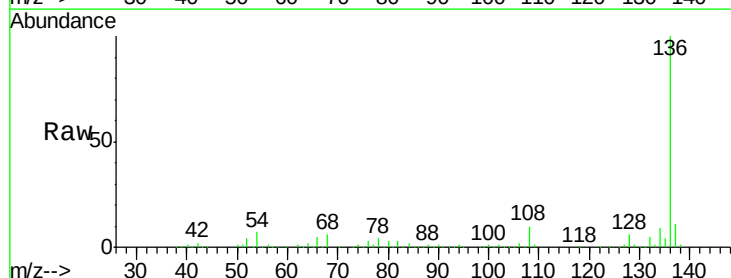
Sohil

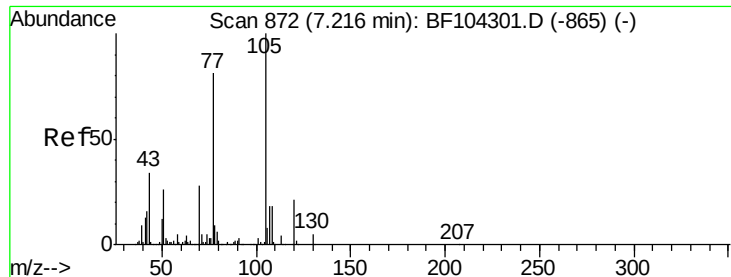
4/16/2018 3:10:30 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	476086		
137	137	10.9	8.9	13.3	
54	54	6.6	6.6	9.8	
68	68	5.6	5.0	7.4	





#22

Acetophenone

Concen: 45.736 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

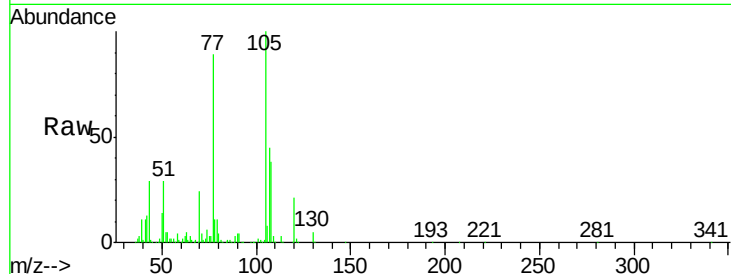
BNA_F

ClientSampled :

PB108218BSD

Tot Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	29.4	22.3	33.5
120	21.0	16.9	25.3

Manual Integrations
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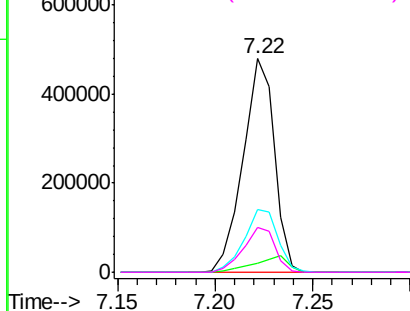


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

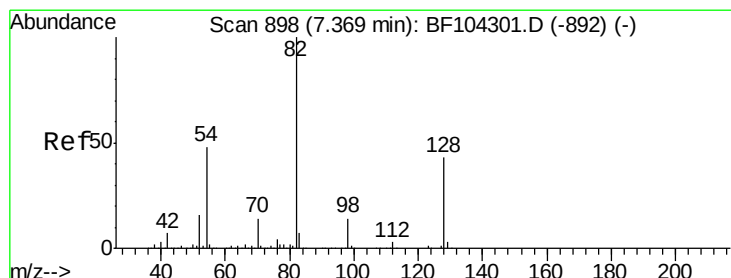
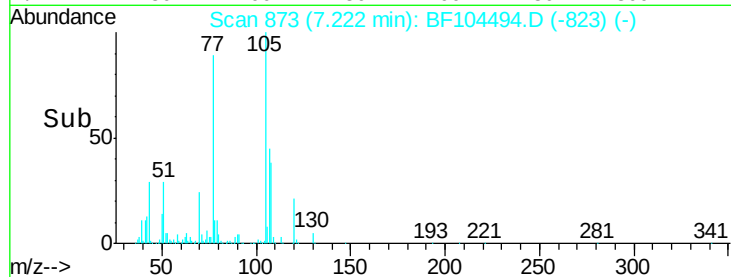
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Sohil

4/16/2018 3:10:30 PM



#23

Nitrobenzene-d5

Concen: 95.229 ng

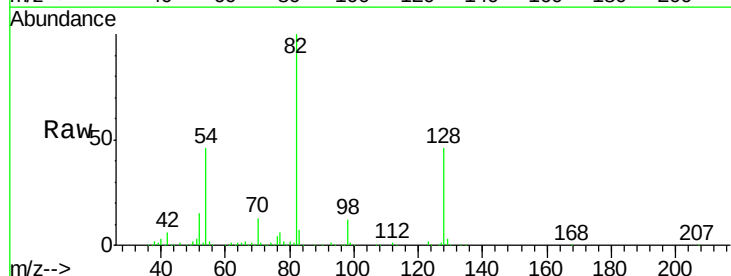
RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

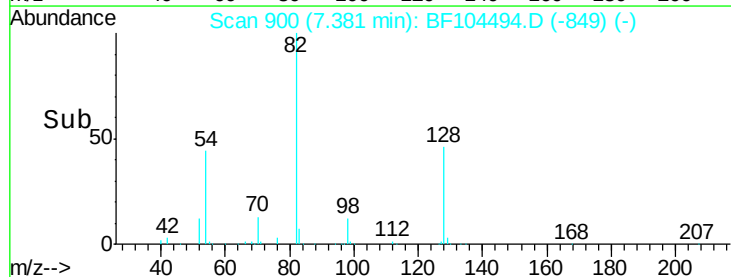
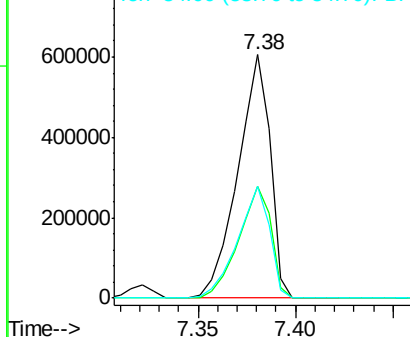
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.8	41.4	62.2

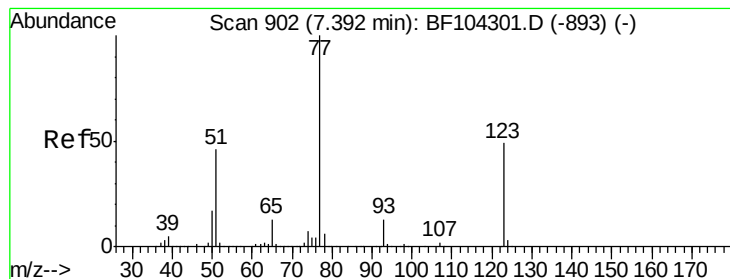


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 52.546 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

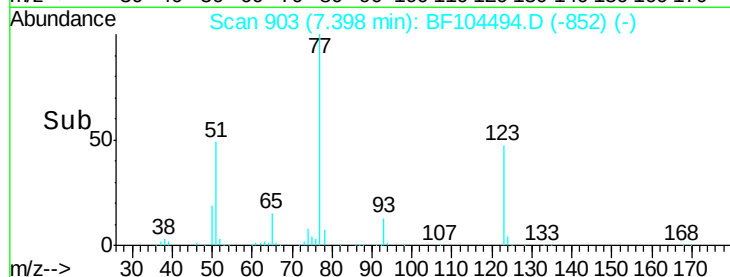
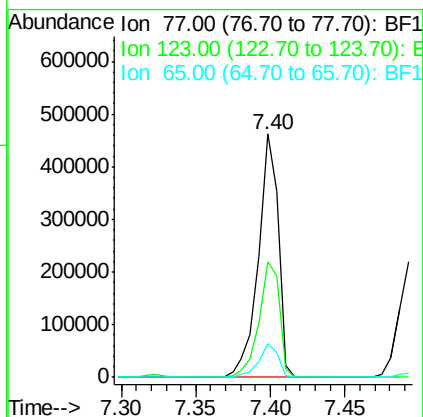
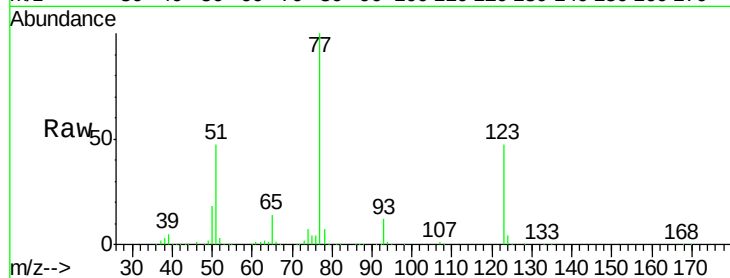
BNA_F

ClientSampleId :

PB108218BSD

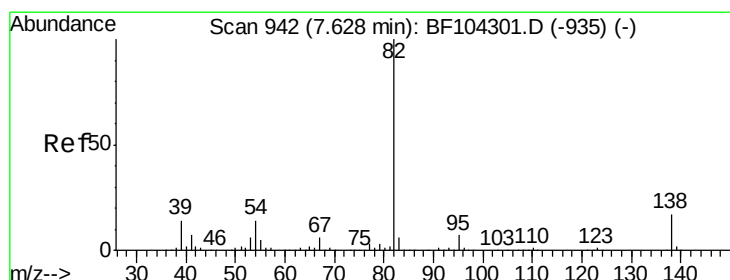
Tot Ion:	77	Resp:	422979
Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.7	11.0	16.4

Manual Integrations
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Sohil

4/16/2018 3:10:30 PM



#25

Isophorone

Concen: 49.653 ng

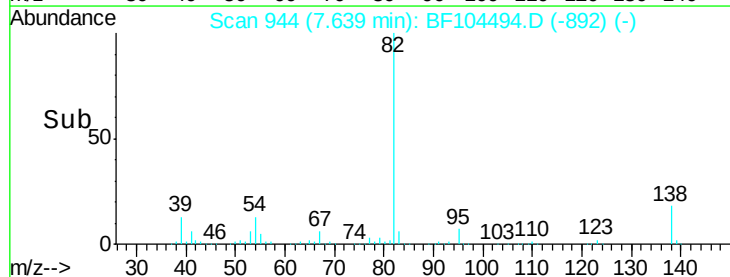
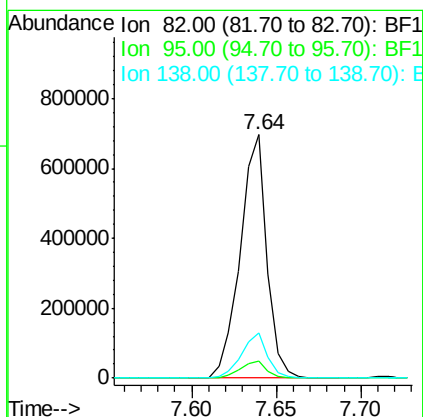
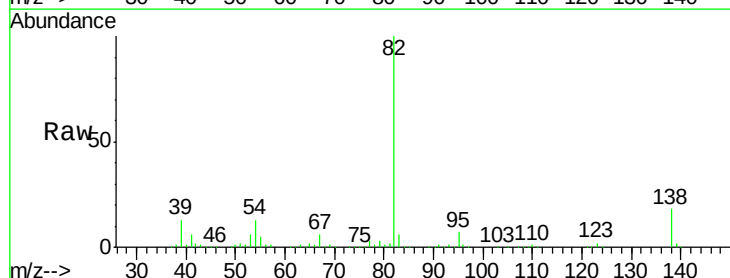
RT: 7.64 min Scan# 944

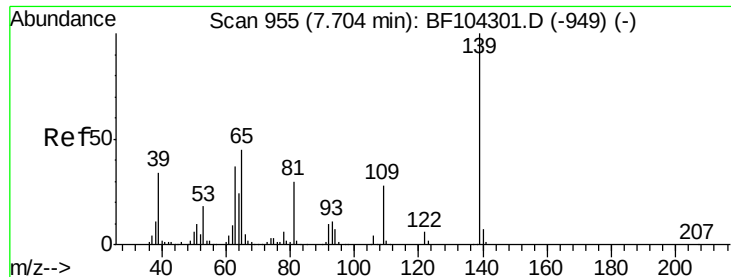
Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	82	Resp:	765533
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.2	7.8
138	18.4	14.9	22.3





#26

2-Nitrophenol

Concen: 61.659 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

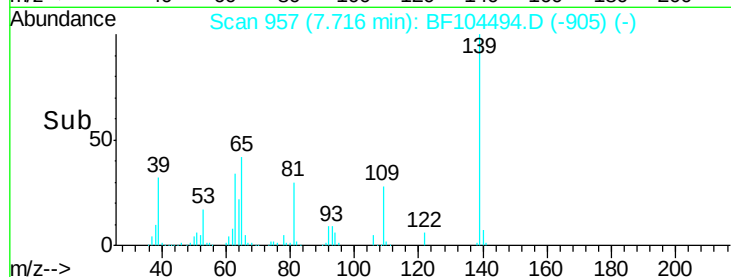
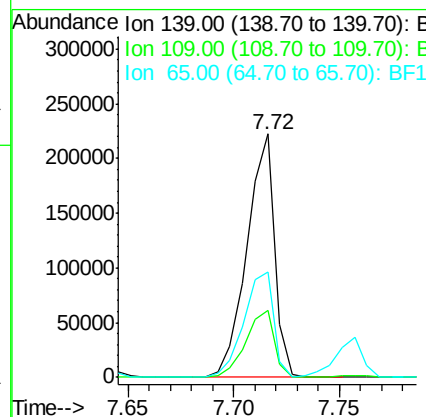
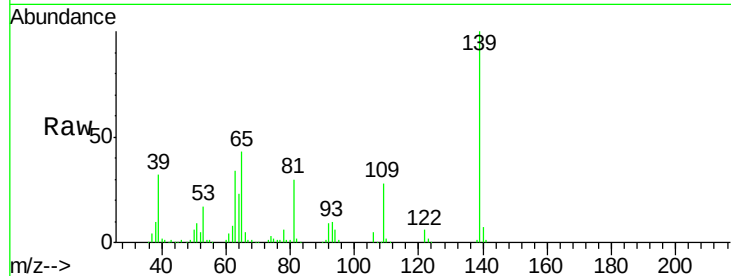
BNA_F

ClientSampled :

PB108218BSD

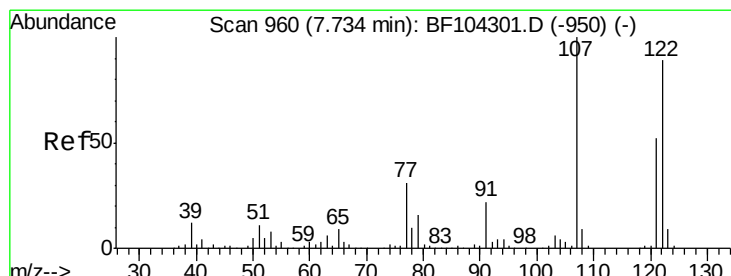
Tot Ion:	139	Resp:	202059
Ion Ratio	Lower	Upper	
139	100		
109	27.7	22.7	34.1
65	43.4	40.5	60.7

Manual Integrations
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Sohil

4/16/2018 3:10:30 PM



#27

2,4-Dimethylphenol

Concen: 52.133 ng

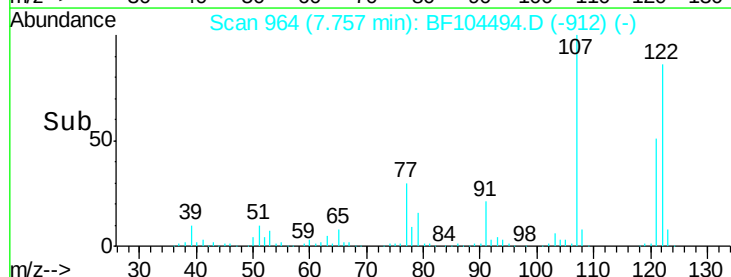
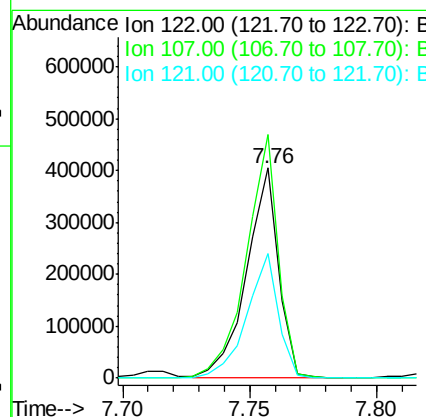
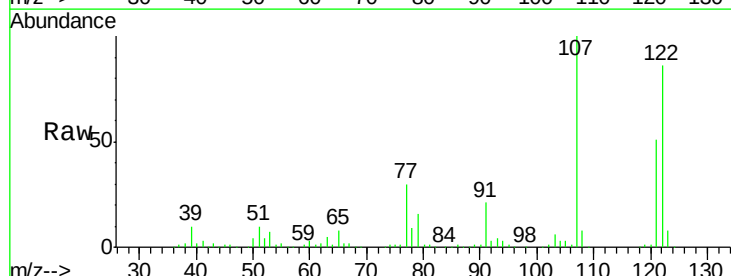
RT: 7.76 min Scan# 964

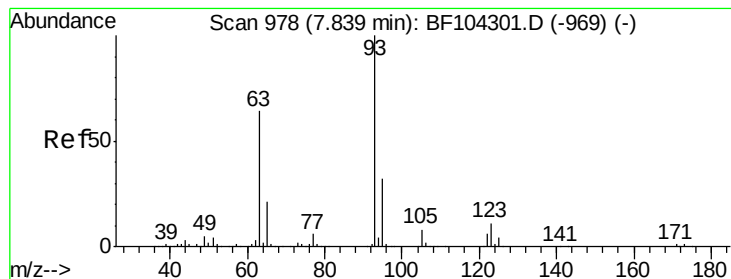
Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	122	Resp:	354734
Ion Ratio	Lower	Upper	
122	100		
107	115.9	91.2	136.8
121	59.4	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 51.927 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

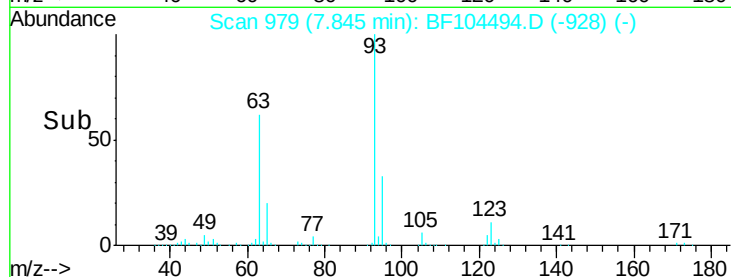
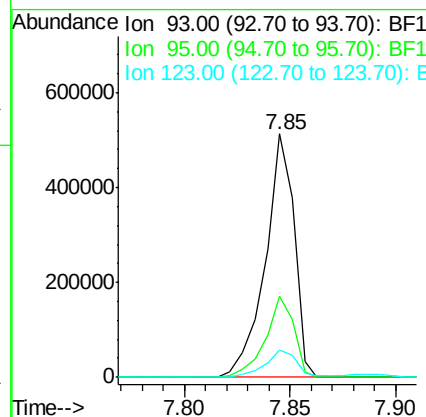
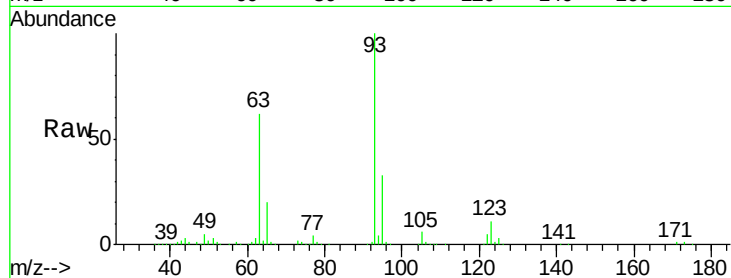
BNA_F

ClientSampleId :

PB108218BSD

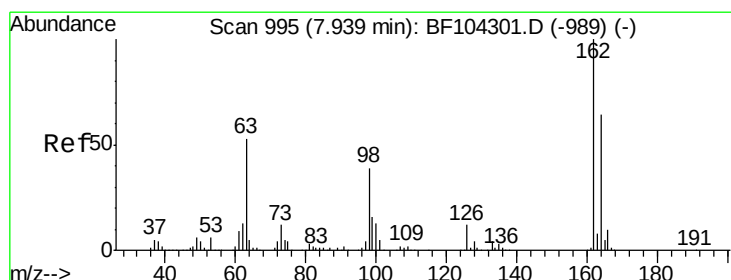
Tot Ion:	93	Resp:	489496
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.1	9.8	14.6

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 49.697 ng

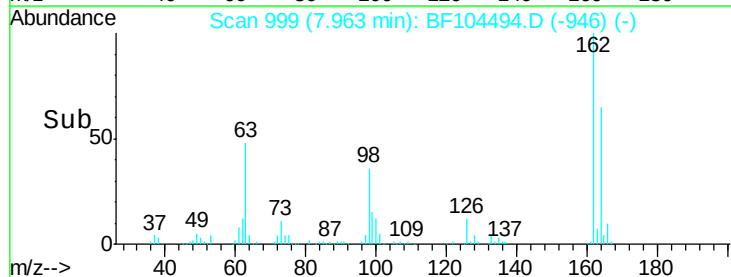
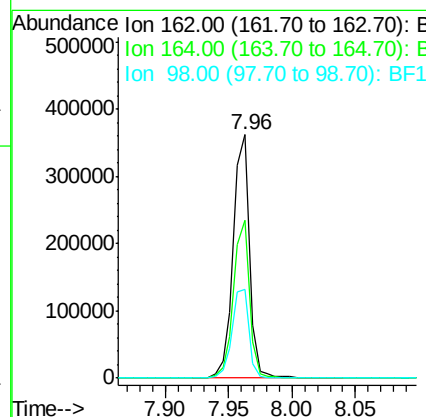
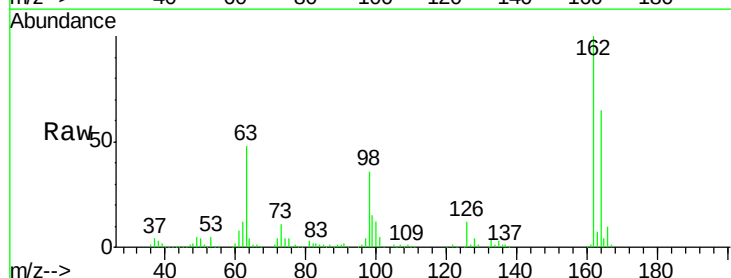
RT: 7.96 min Scan# 999

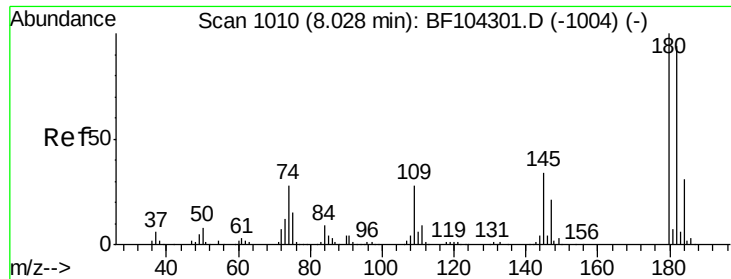
Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	162	Resp:	322652
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.7	82.7
98	36.5	18.1	58.1



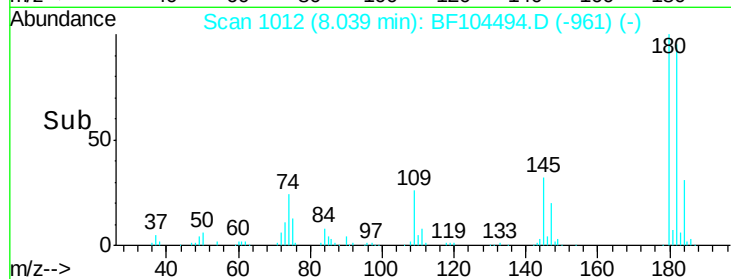
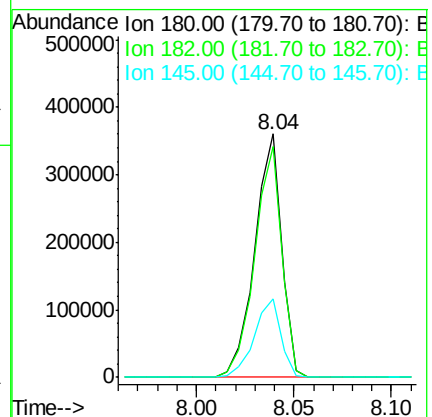
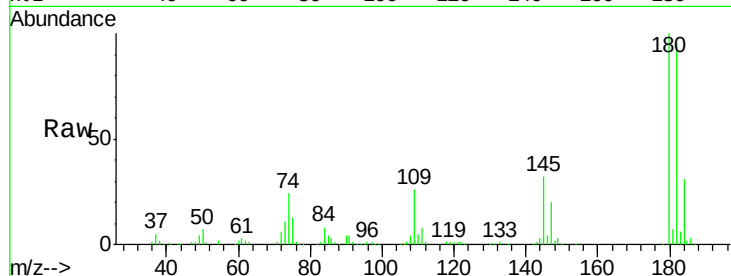


#30
 1,2,4-Trichlorobenzene
 Concen: 48.205 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

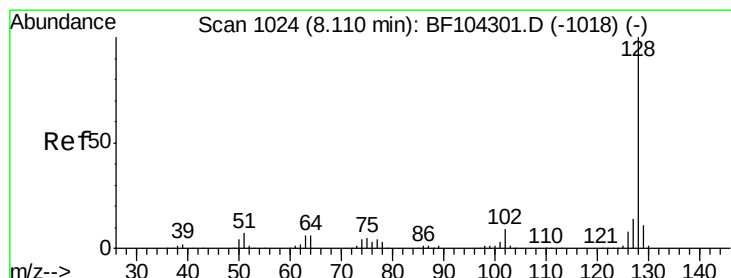
Tot Ion:	180	Resp:	343462
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.8	115.2
145	32.1	26.5	39.7

Manual Integrations
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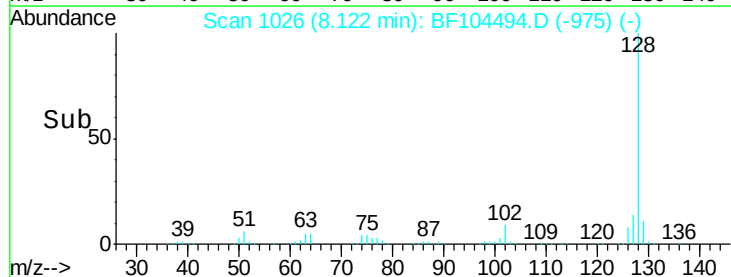
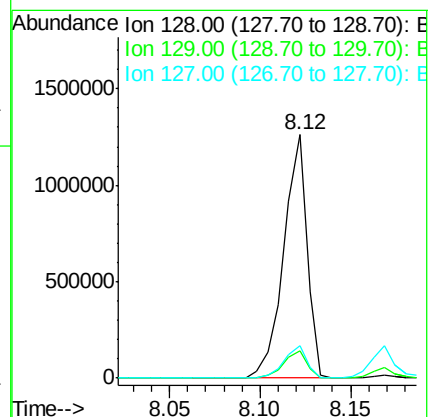
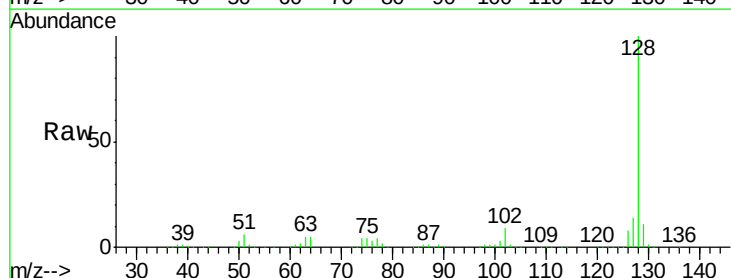
Sohil

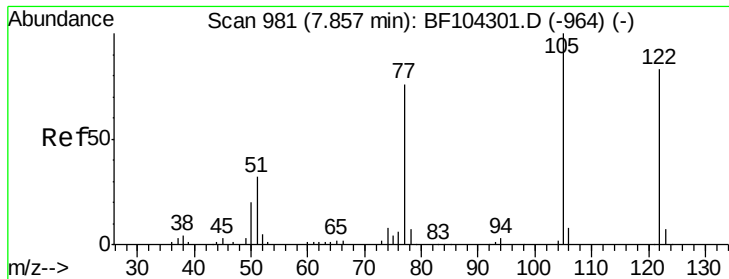
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#31
 Naphthalene
 Concen: 47.584 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:	128	Resp:	1128055
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3





#32

Benzoic acid

Concen: 36.668 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

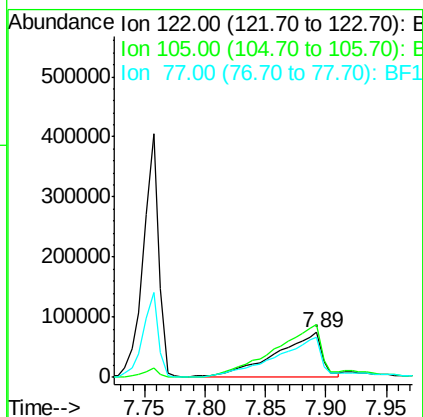
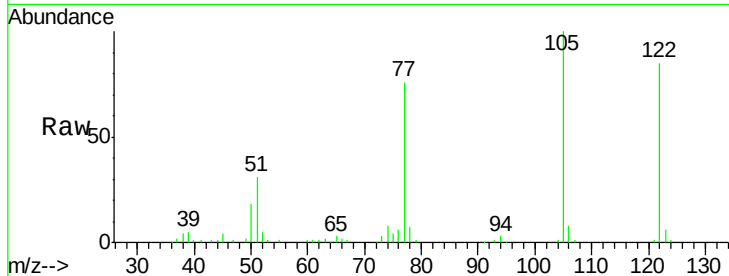
BNA_F

ClientSampleId :

PB108218BSD

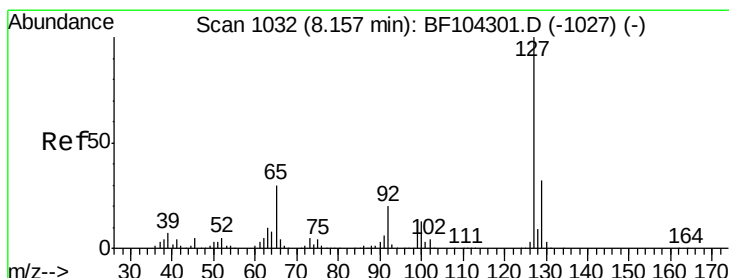
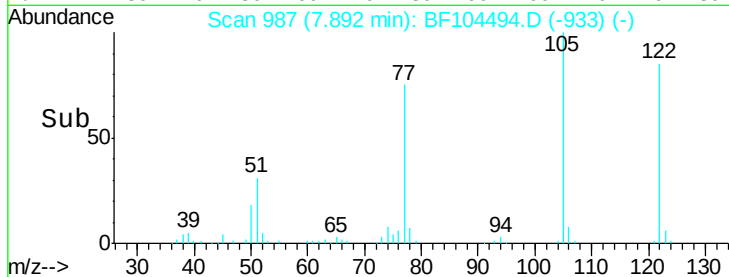
Tot Ion:	122	Resp:	199076
Ion Ratio	Lower	Upper	
122	100		
105	117.4	101.1	141.1
77	88.9	70.7	110.7

Manual Integrations
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#33

4-Chloroaniline

Concen: 16.080 ng

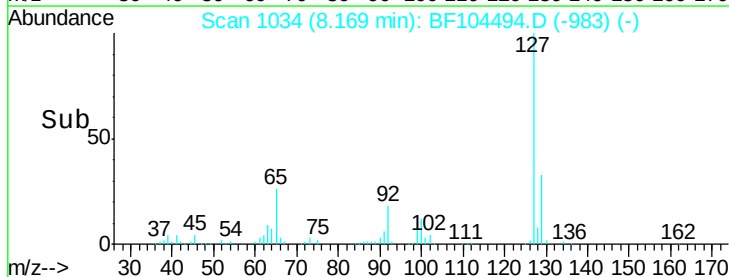
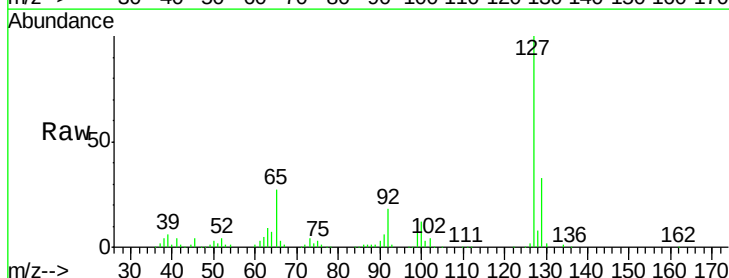
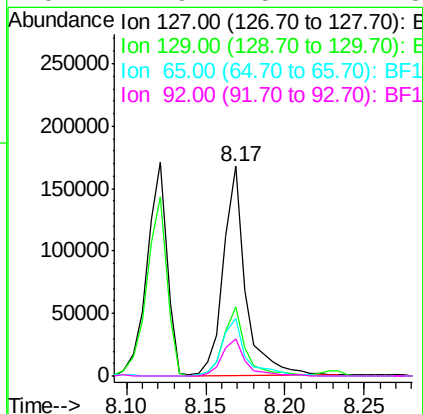
RT: 8.17 min Scan# 1034

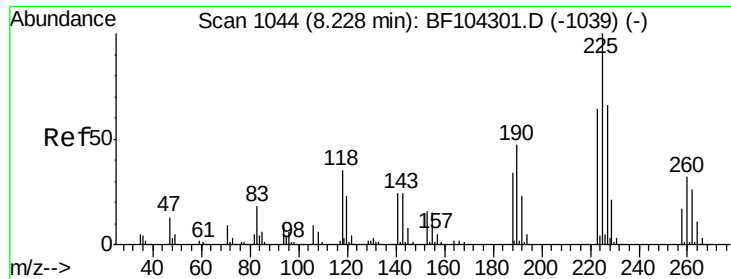
Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	127	Resp:	163312
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	27.3	25.0	37.4
92	17.9	15.2	22.8





#34

Hexachlorobutadiene

Concen: 47.972 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

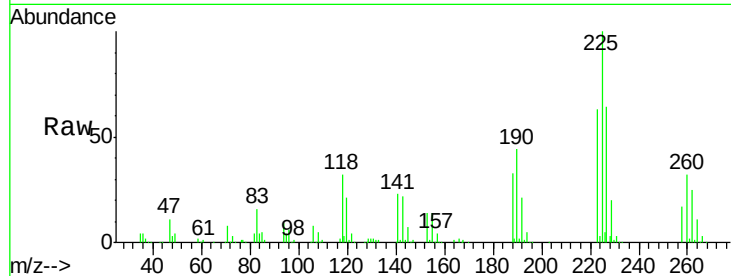
BNA_F

ClientSampleId :

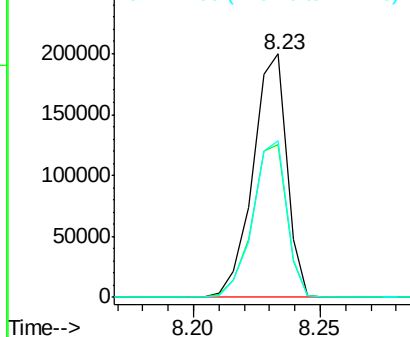
PB108218BSD

Tot Ion:	225	Resp:	187220
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	76.0
227	64.4	51.9	77.9

Manual Integrations
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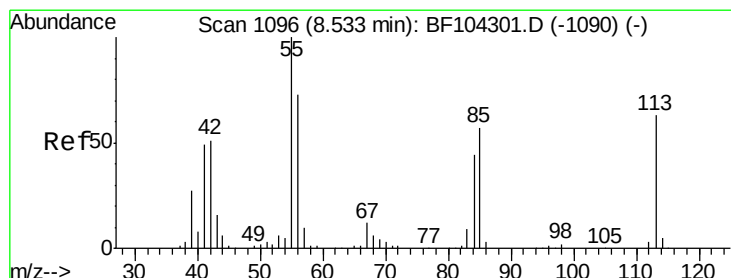
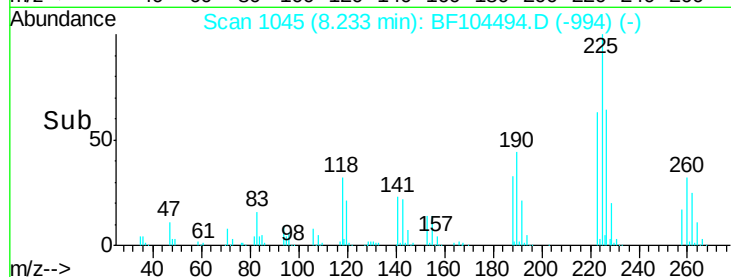


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 47.564 ng m

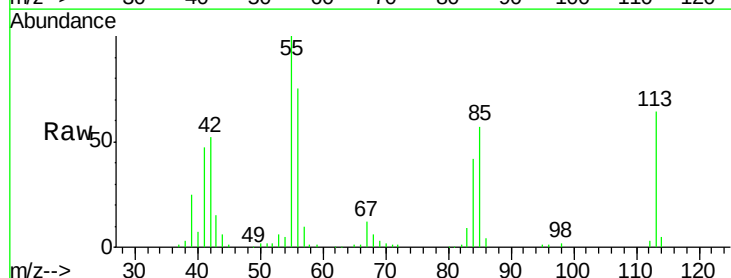
RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

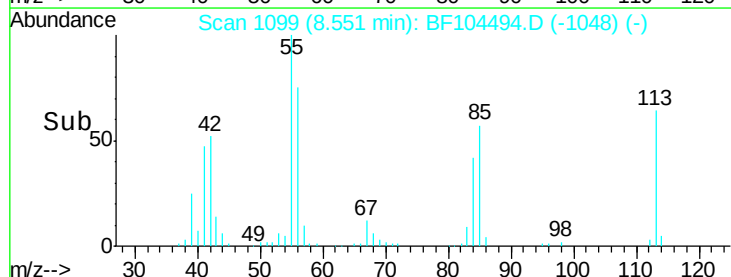
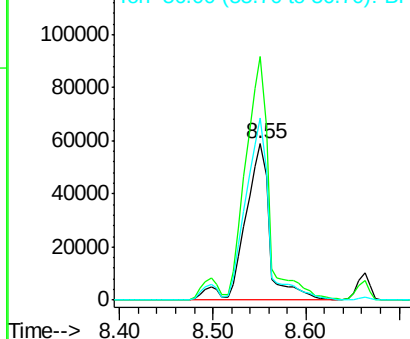
Lab File: BF104494.D

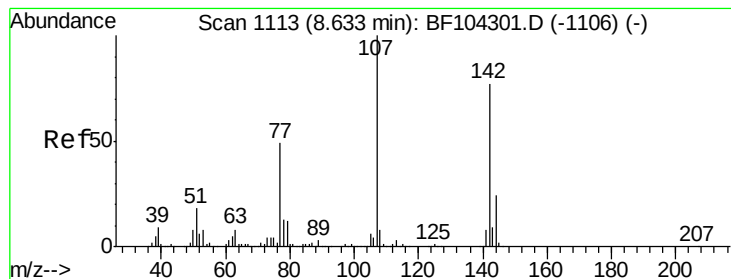
Acq: 13 Apr 2018 22:15

Tgt Ion:	113	Resp:	107726
Ion Ratio	Lower	Upper	
113	100		
55	155.9	163.3	203.3#
56	116.7	115.7	155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



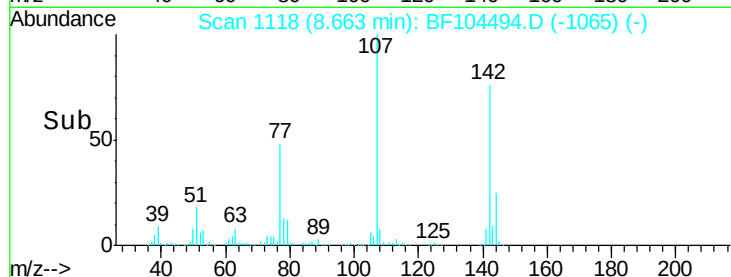
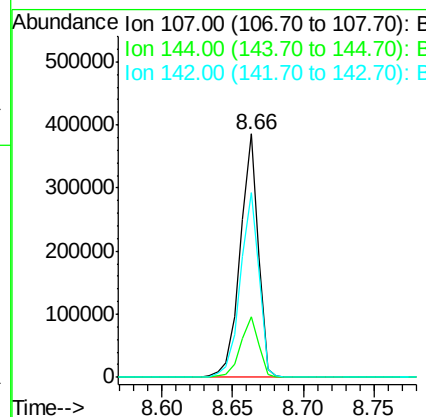
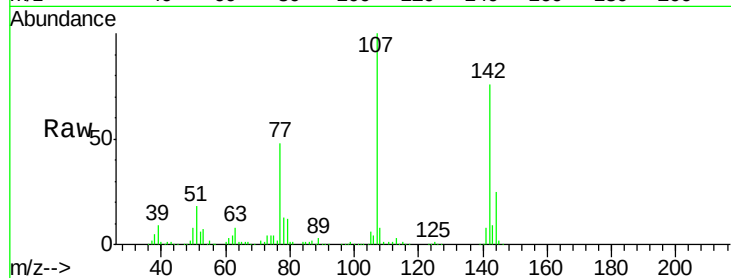


#36
4-Chloro-3-methylphenol
Concen: 49.227 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

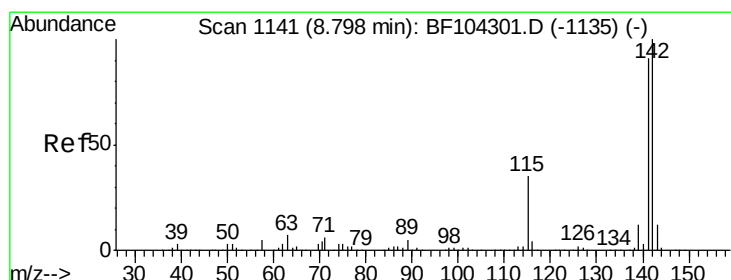
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	75.8	62.0	93.0

Manual Integrations
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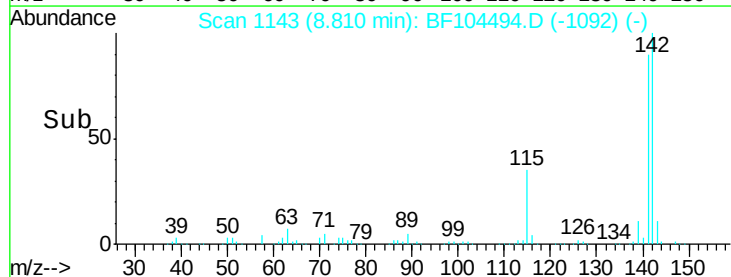
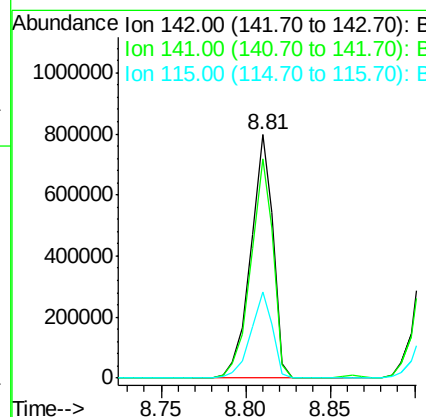
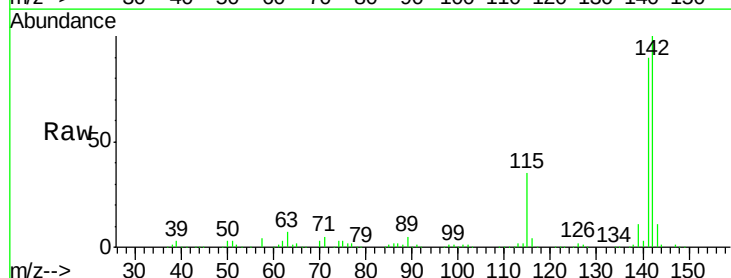
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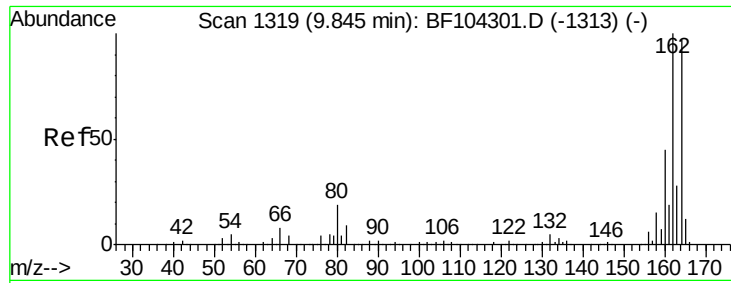
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#37
2-Methylnaphthalene
Concen: 48.098 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.2	26.1	39.1



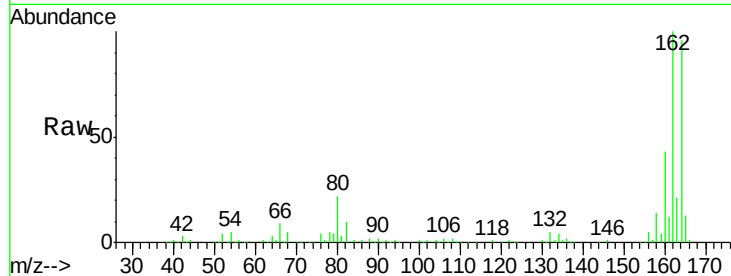


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	44.6	38.3	57.5

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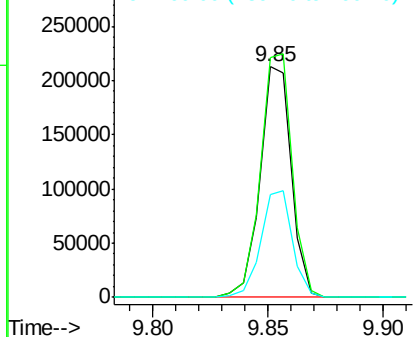


Abundance

Ion 164.00 (163.70 to 164.70): E

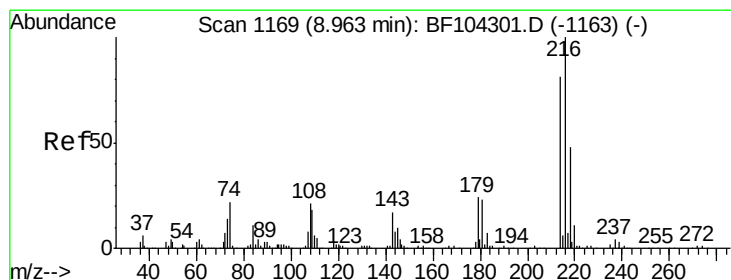
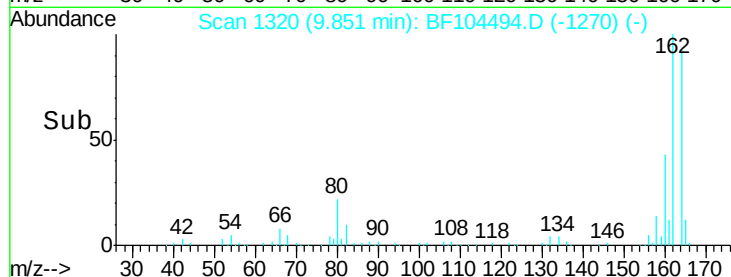
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.497 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.7	18.1	27.1
108	19.1	17.2	25.8

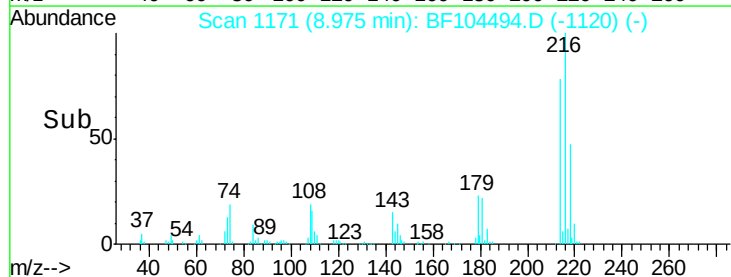
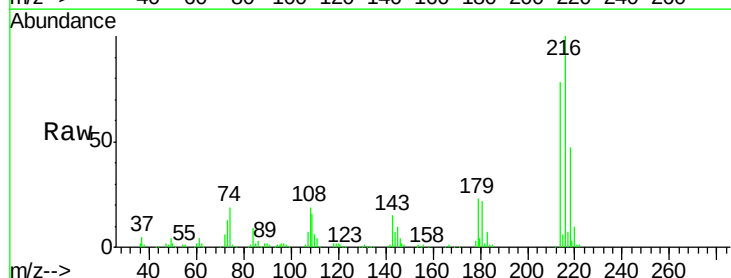
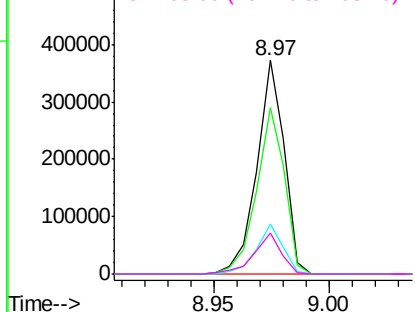
Abundance

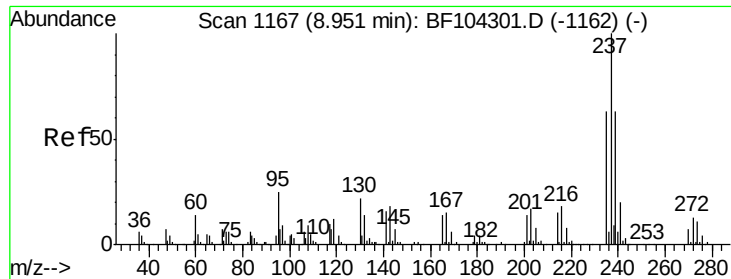
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



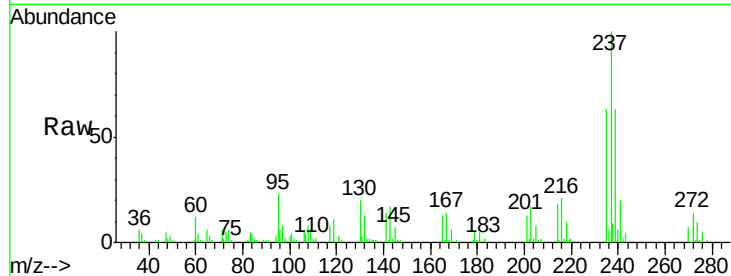


#40
Hexachlorocyclopentadiene
Concen: 19.401 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

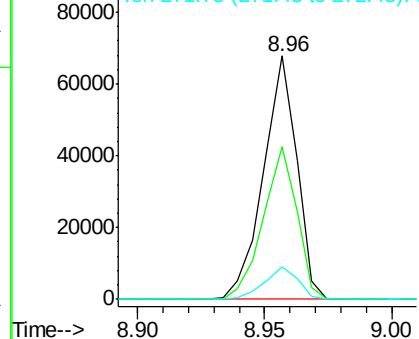
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	62664		
235	62.6	44.8	84.8	
272	13.5	0.0	33.3	

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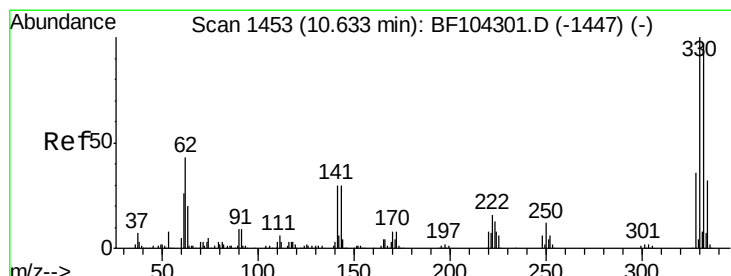
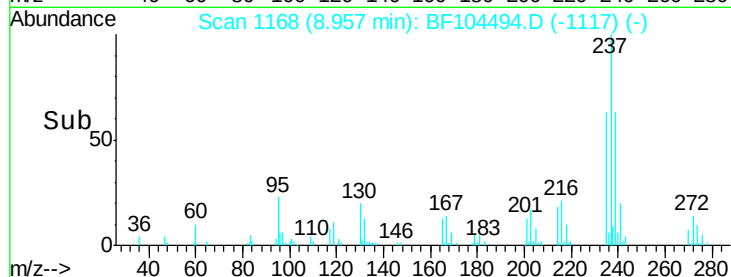


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



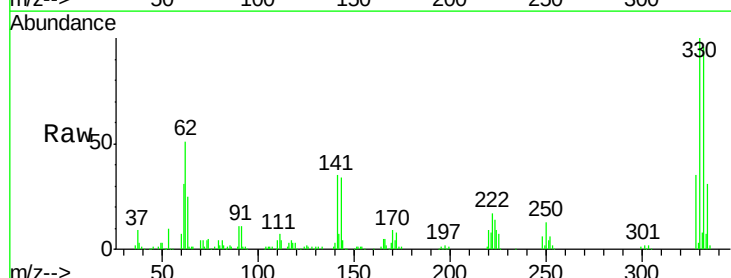
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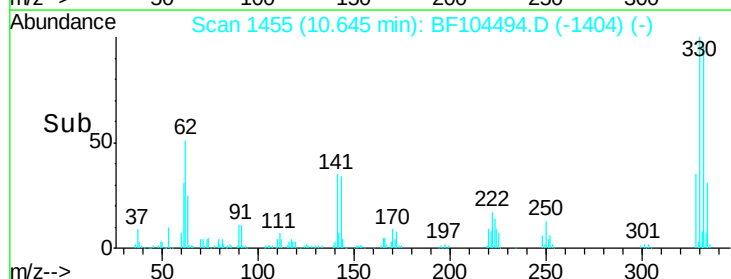
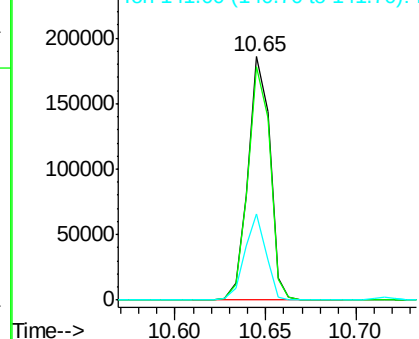


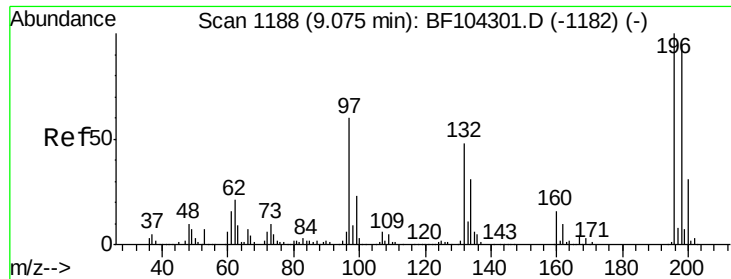
#41
2,4,6-Tribromophenol
Concen: 75.264 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157354		
332	96.7	77.0	115.6	
141	34.0	29.9	44.9	



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



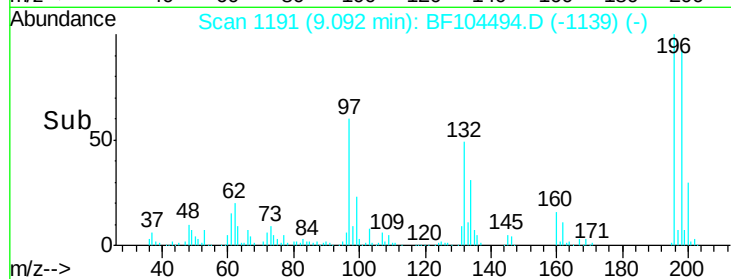
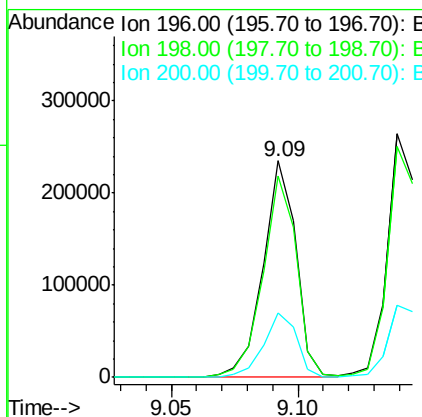
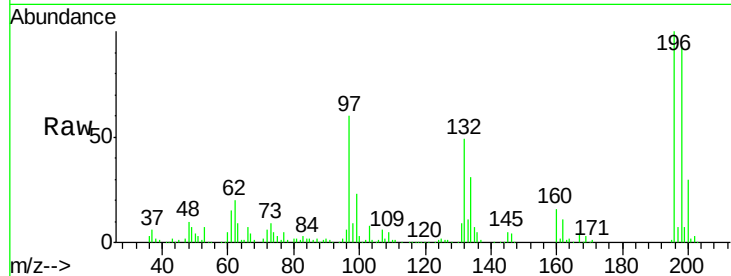


#42
 2,4,6-Trichlorophenol
 Concen: 53.651 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

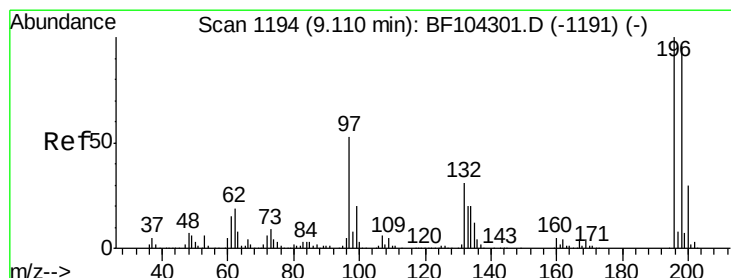
Tot Ion:	196	Resp:	214872
Ion Ratio	Lower	Upper	
196	100		
198	93.1	75.7	113.5
200	29.8	24.5	36.7

Manual Integrations
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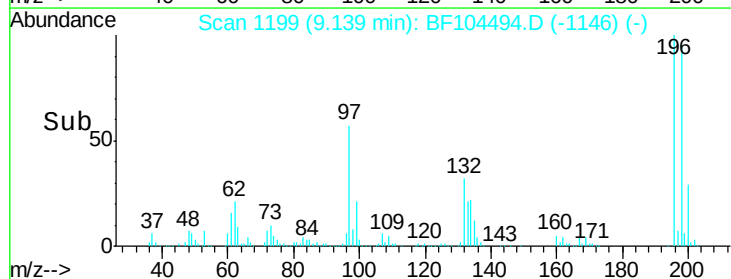
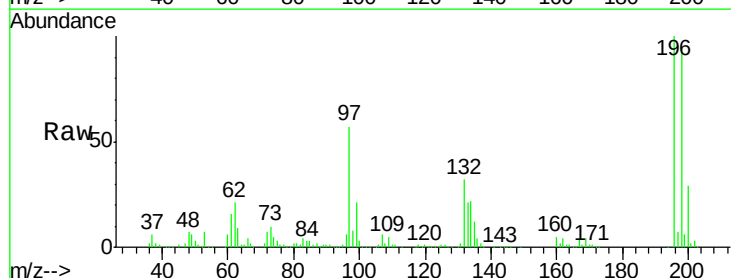
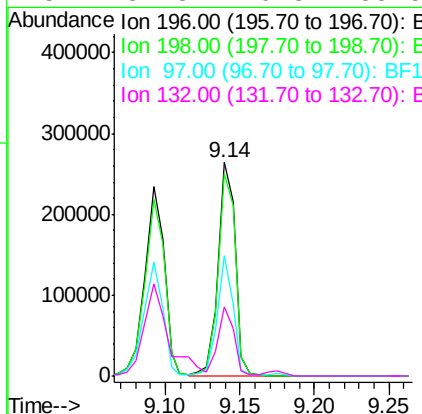
Sohil

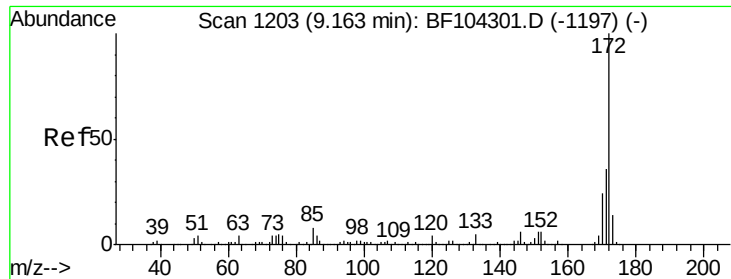
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#43
 2,4,5-Trichlorophenol
 Concen: 47.729 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:	196	Resp:	213911
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.6	112.0
97	56.6	42.9	64.3
132	32.3	26.3	39.5



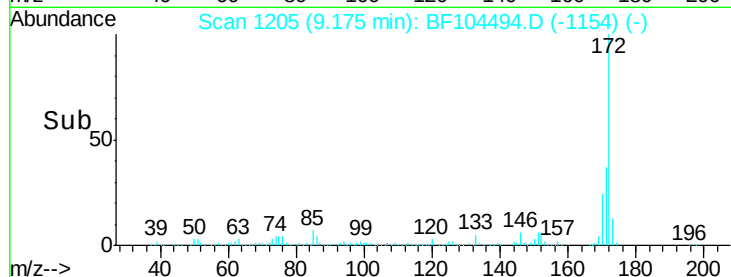
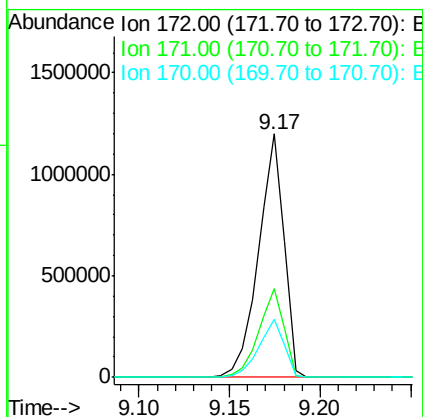
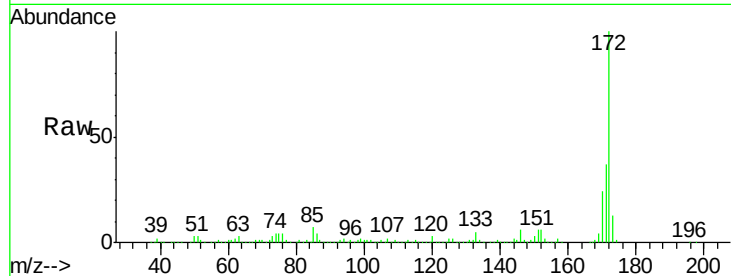


#44
2-Fluorobiphenyl
Concen: 91.634 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

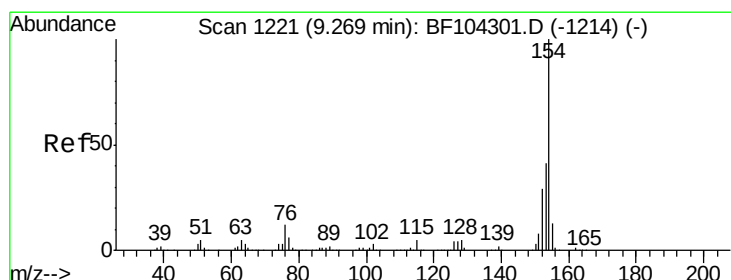
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4

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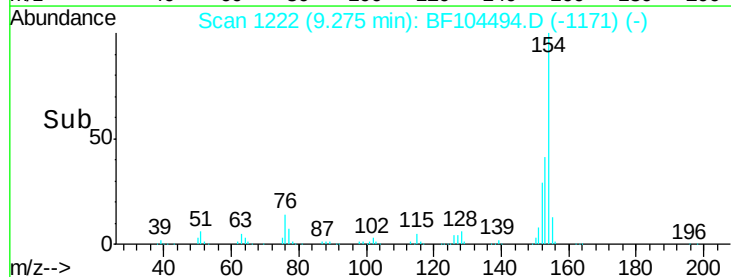
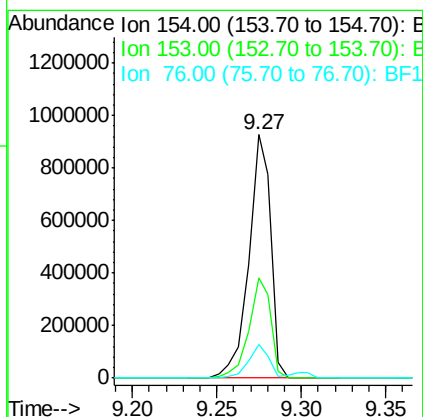
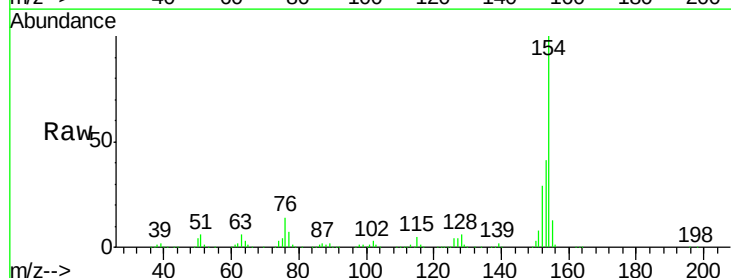
Sohil

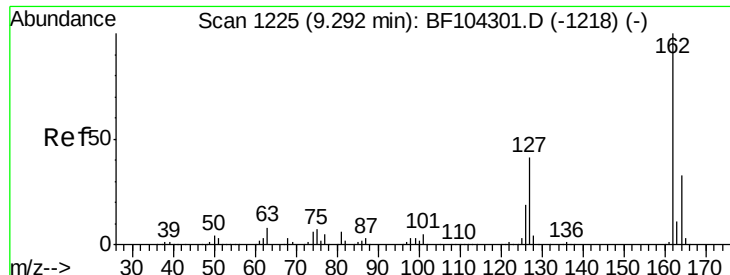
4/16/2018 3:10:30 PM



#45
1,1'-Biphenyl
Concen: 49.699 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.0	0.0	34.0



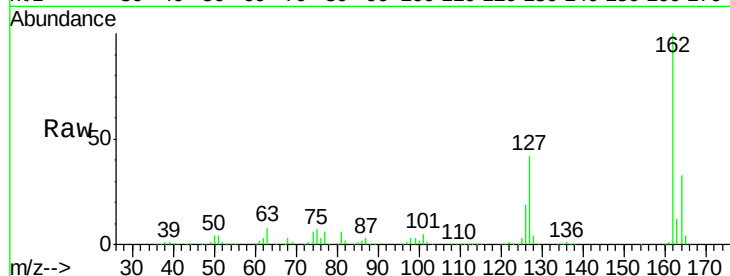


#46
2-Chloronaphthalene
Concen: 49.472 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

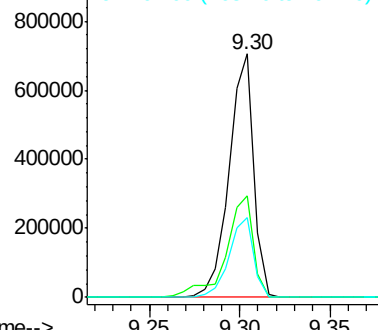
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		661613		
127	41.8		33.9	50.9	
164	33.0		26.5	39.7	

Manual Integrations
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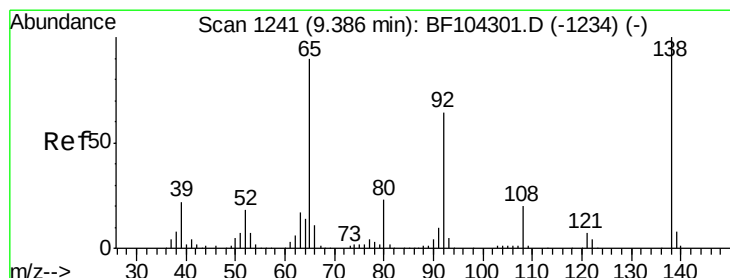
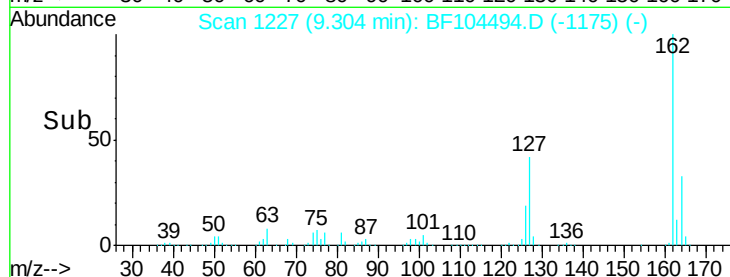


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



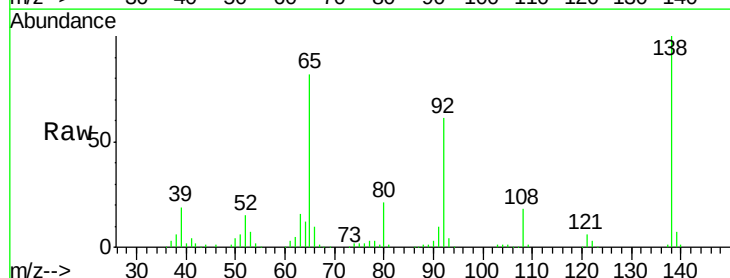
Sohil

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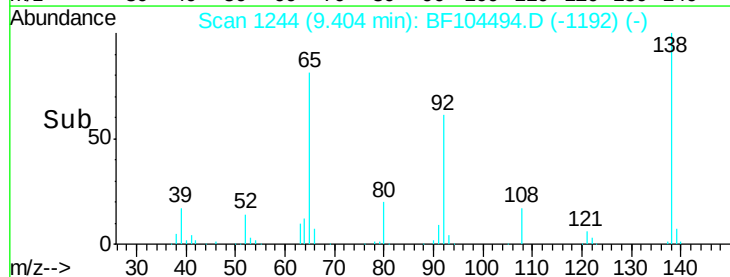
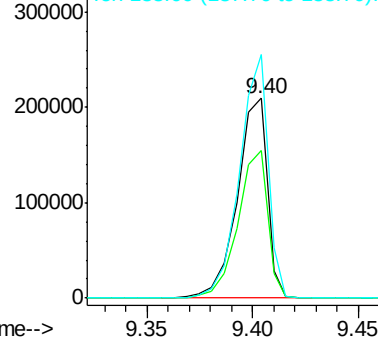


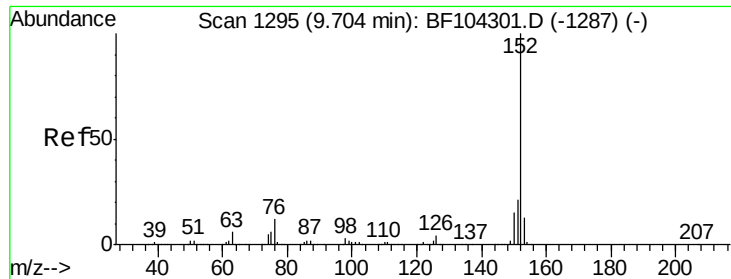
#47
2-Nitroaniline
Concen: 62.773 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		207606		
92	73.8		55.8	83.6	
138	122.0		91.2	136.8	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E



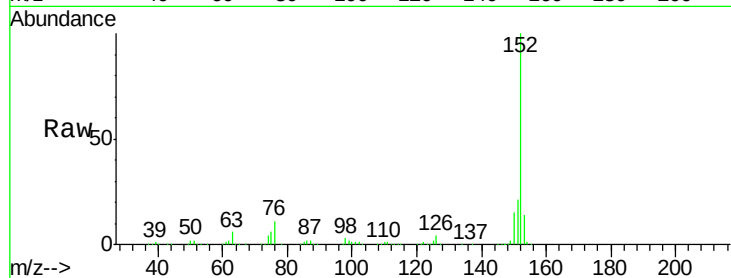


#48
Acenaphthylene
Concen: 45.866 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

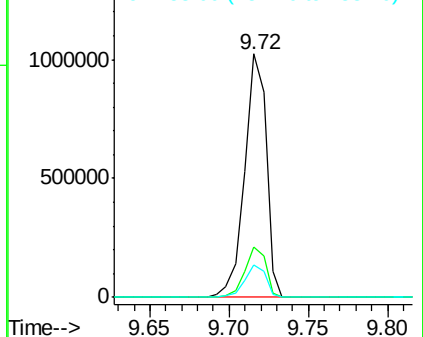
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.6	10.7	16.1

Manual Integrations
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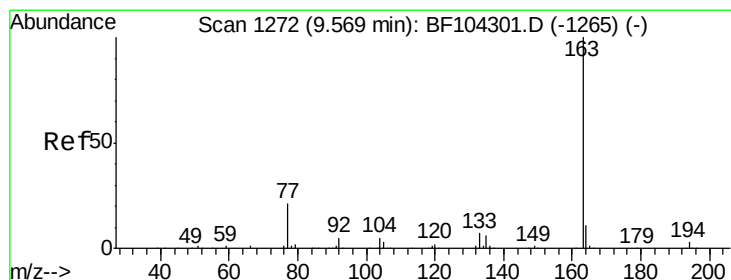
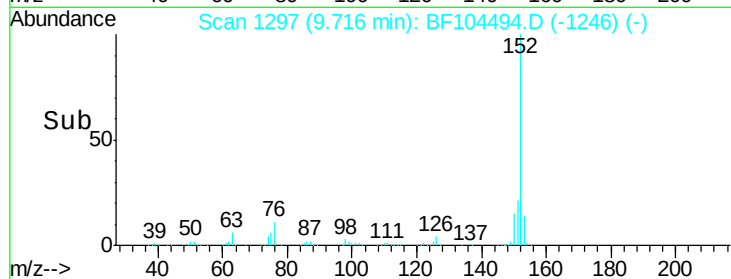


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



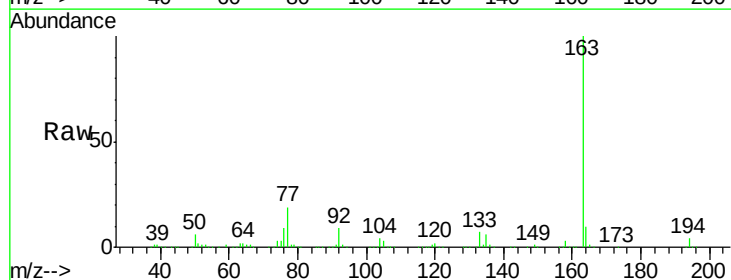
Sohil

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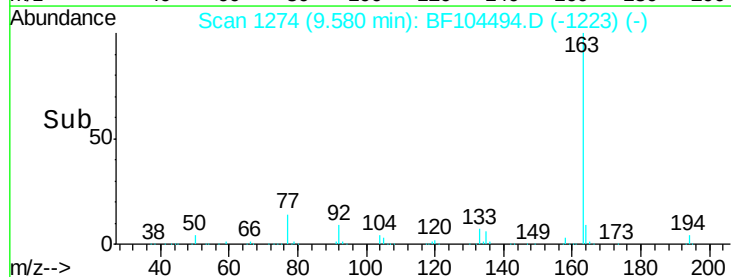
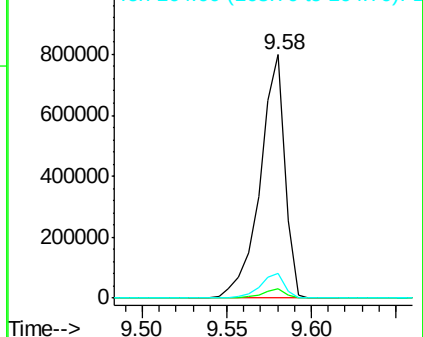


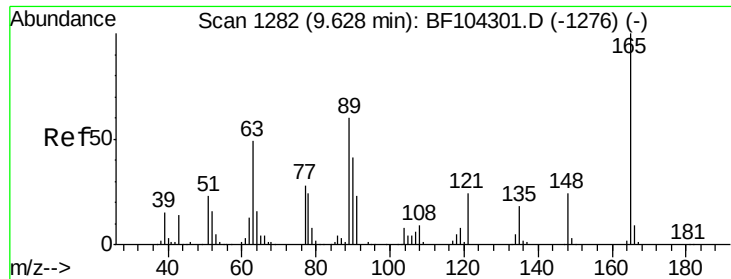
#49
Dimethylphthalate
Concen: 51.052 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2



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



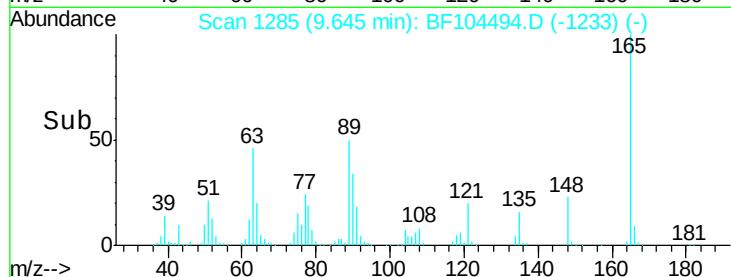
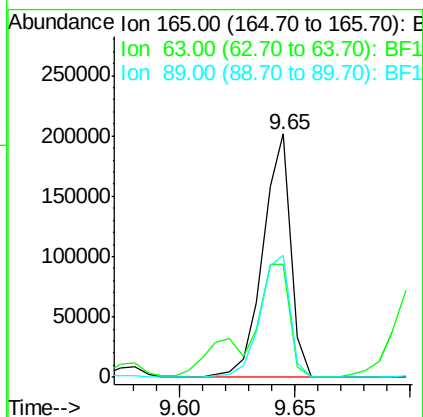
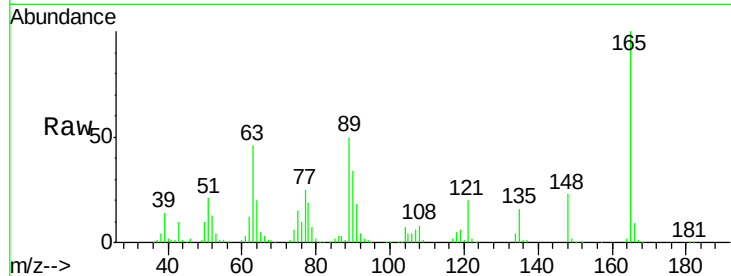


#50
2,6-Dinitrotoluene
Concen: 57.506 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

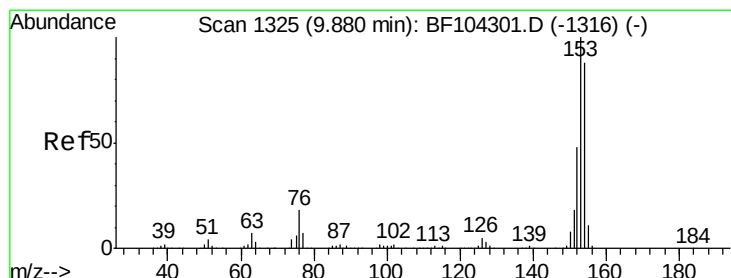
Tot Ion	Ratio	Resp	Lower	Upper
165	100	169118		
63	46.4		44.7	67.1
89	50.0		44.0	66.0

Manual Integrations
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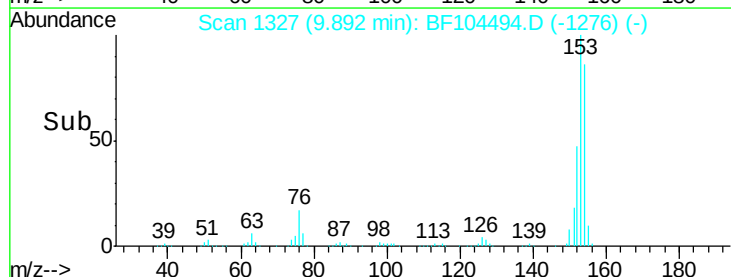
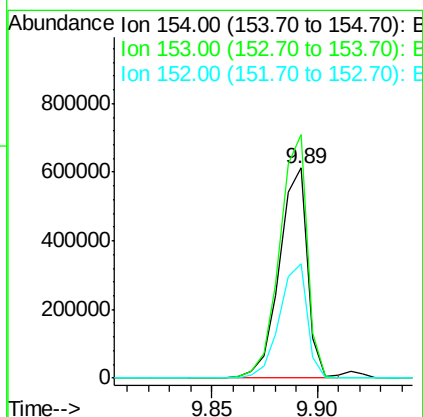
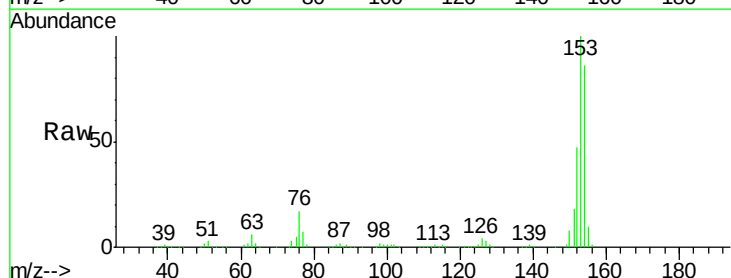
Sohil

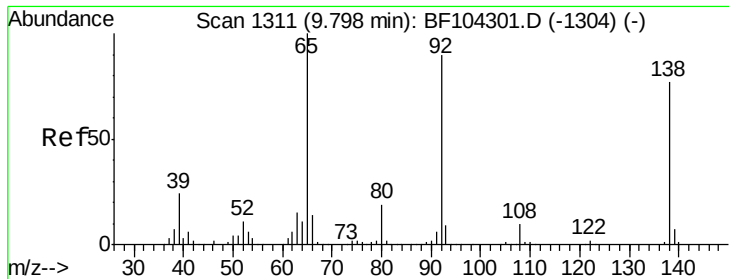
4/16/2018 3:10:30 PM



#51
Acenaphthene
Concen: 44.461 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	569197		
153	116.0		91.2	136.8
152	54.5		43.8	65.8



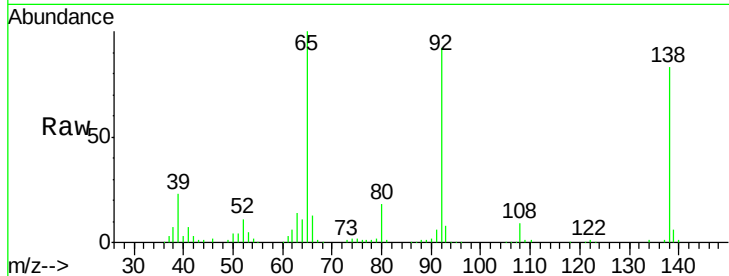


#52
3-Nitroaniline
Concen: 40.951 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

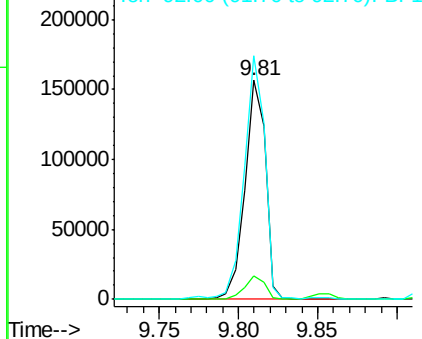
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	111.2	89.4	134.2

Manual Integrations
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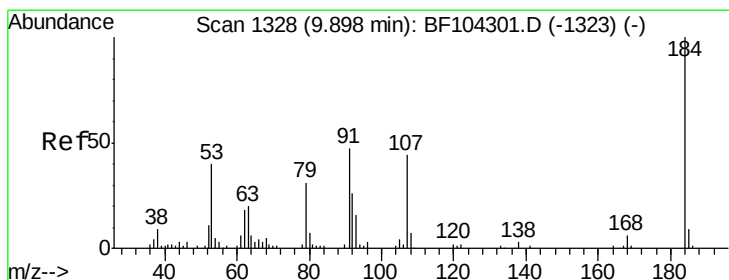
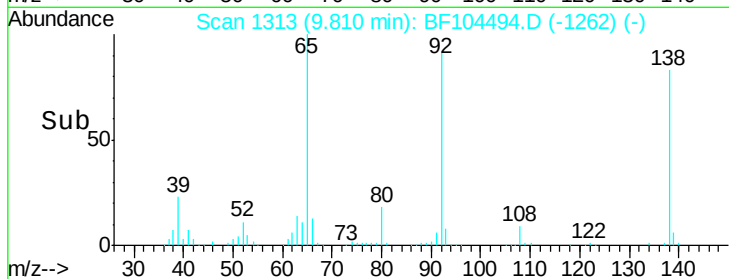


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



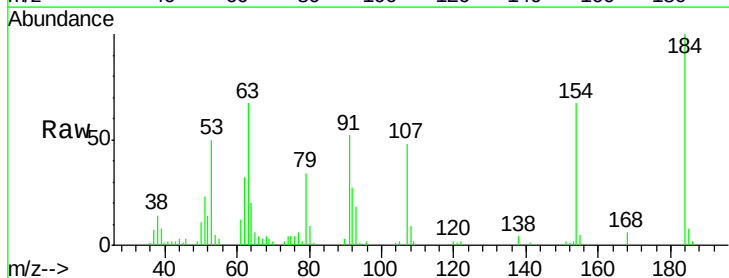
Sohil

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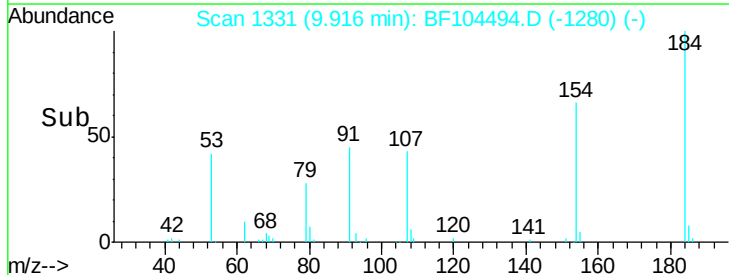
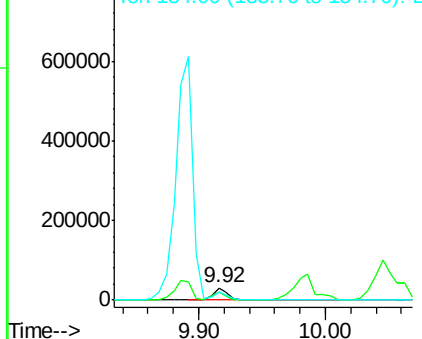


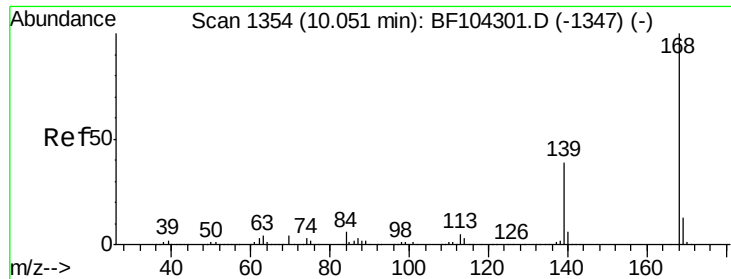
#53
2,4-Dinitrophenol
Concen: 32.865 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.2	54.2	81.2
154	67.5	184.0	276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



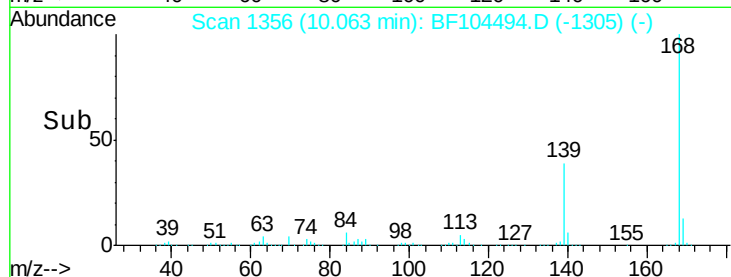
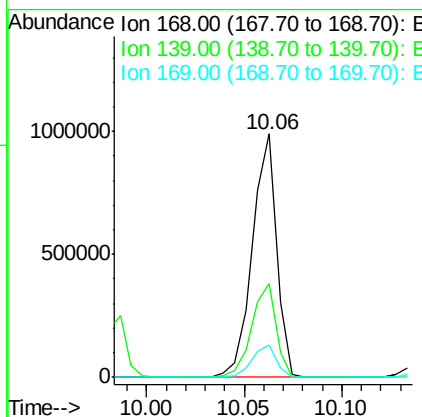
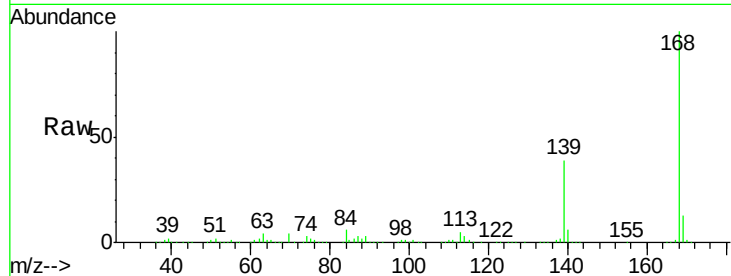


#54
Dibenzenofuran
Concen: 47.844 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

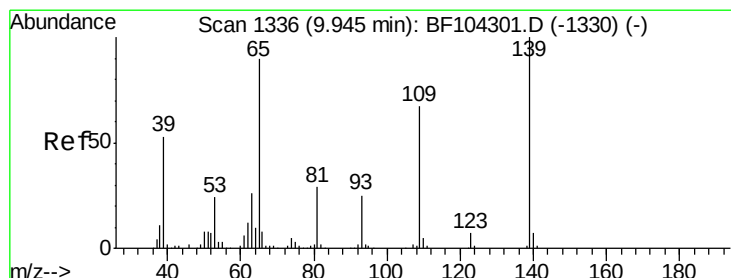
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.1	10.9	16.3

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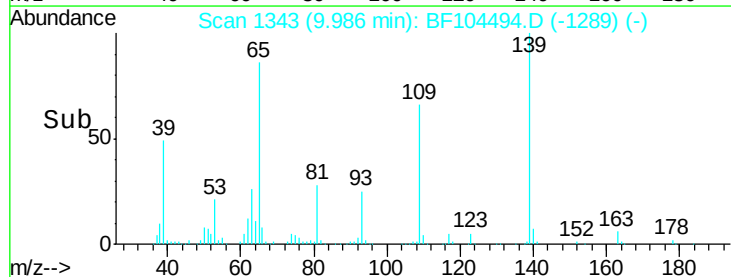
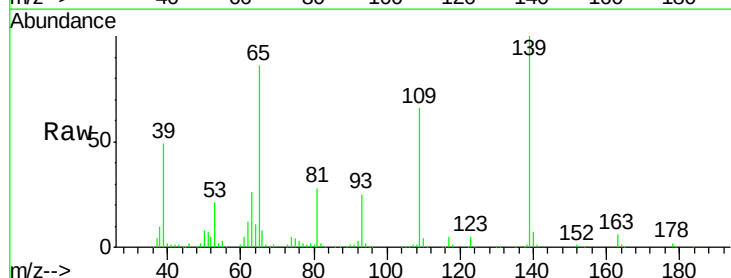
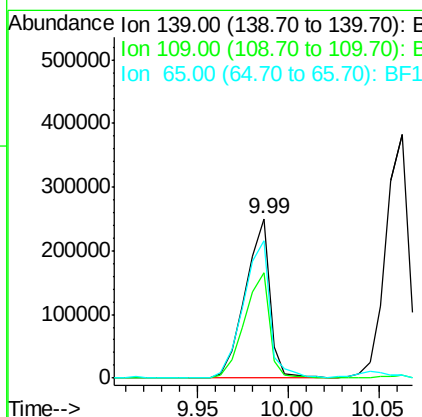
Sohil

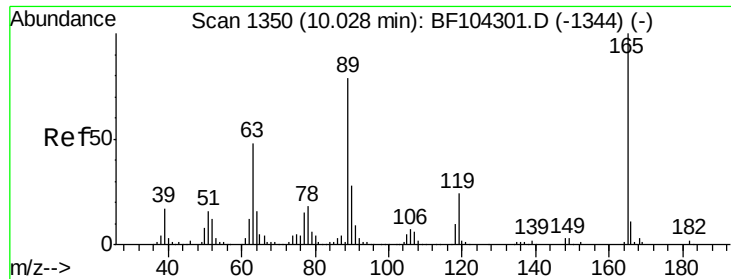
4/16/2018 3:10:30 PM



#55
4-Nitrophenol
Concen: 87.577 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	48.4	88.4
65	85.7	72.6	112.6



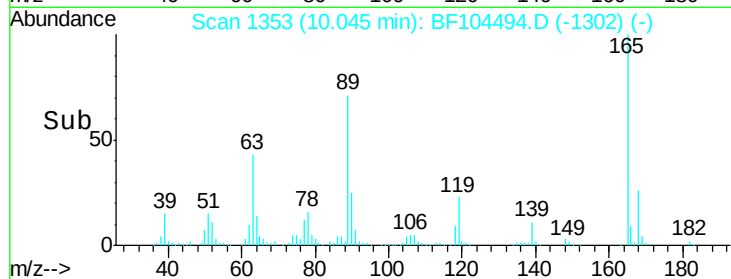
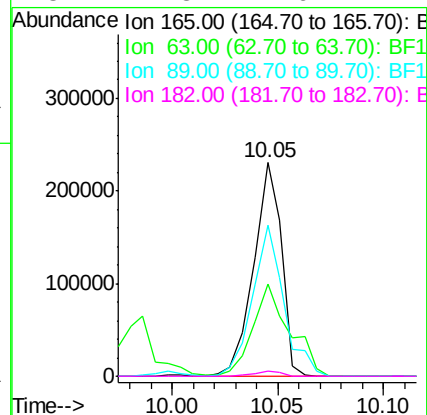
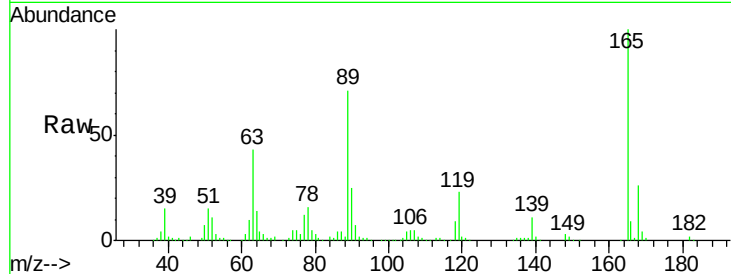


#56
2,4-Dinitrotoluene
Concen: 54.747 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

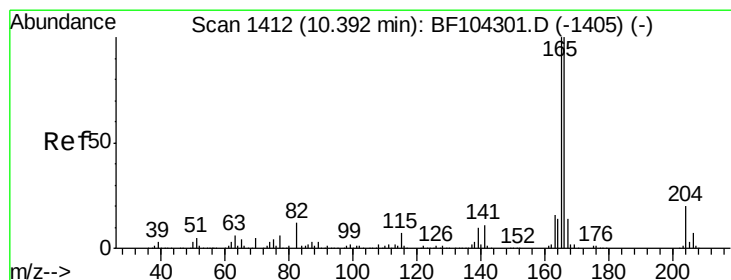
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		211192		
63	43.5	36.4	54.6		
89	70.8	57.8	86.6		
182	2.3	1.6	2.4		

Manual Integrations
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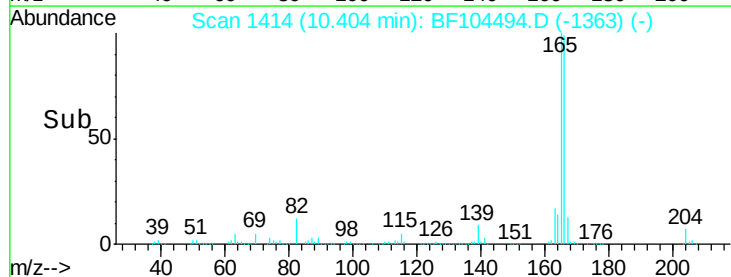
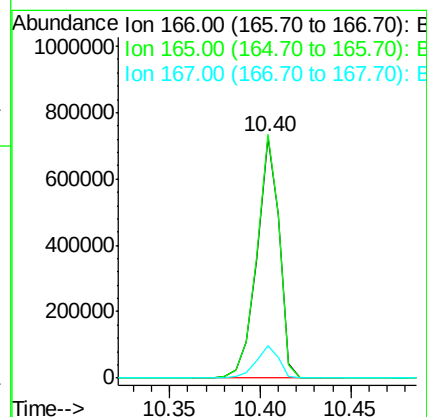
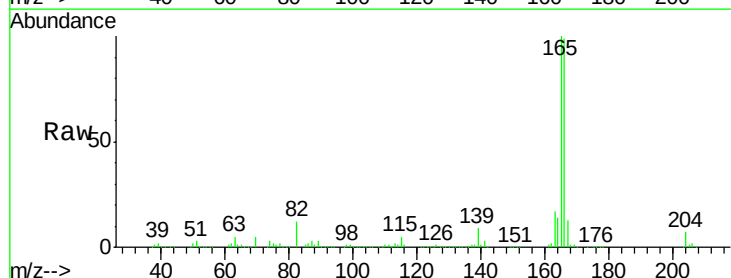
Sohil

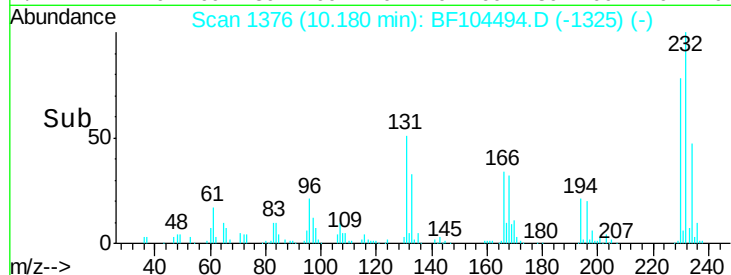
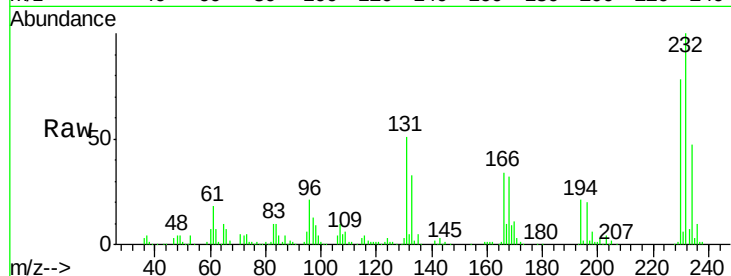
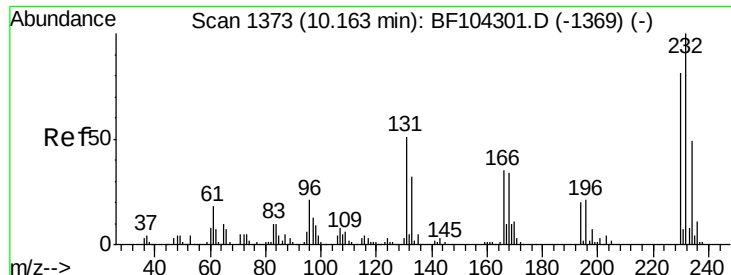
4/16/2018 3:10:30 PM



#57
Fluorene
Concen: 47.837 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		621224		
165	100.7	79.8	119.8		
167	13.6	10.6	16.0		



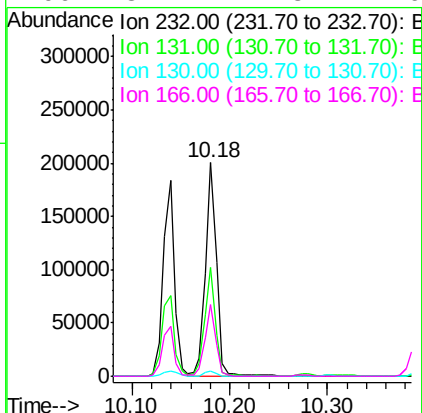


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.658 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

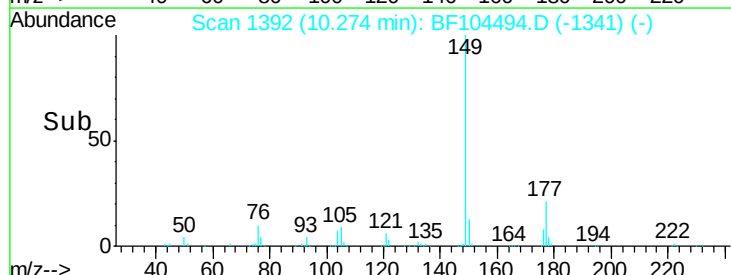
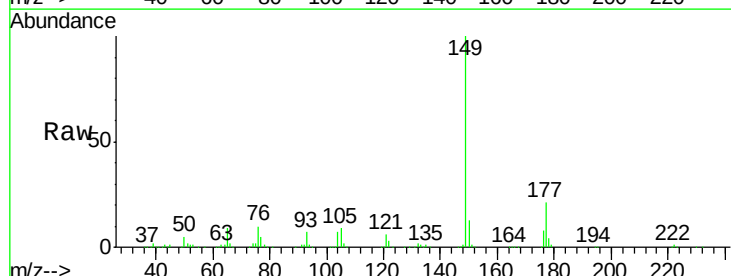
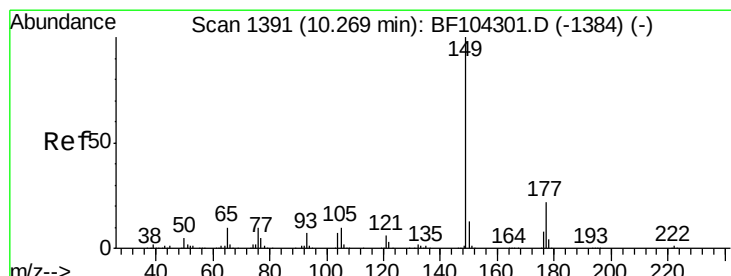
Tot Ion	Ratio	Resp	Lower	Upper
232	100	159349		
131	48.1		43.8	65.8
130	2.4		2.1	3.1
166	32.4		27.8	41.6

Manual Integrations
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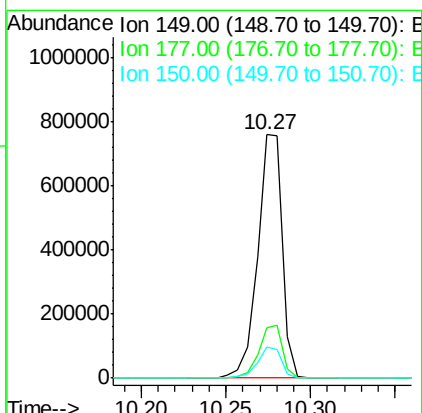
Sohil

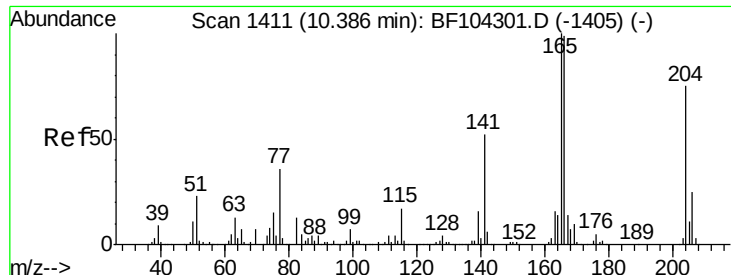
4/16/2018 3:10:30 PM



#59
Diethylphthalate
Concen: 48.265 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763976		
177	20.5		16.1	24.1
150	12.7		10.1	15.1



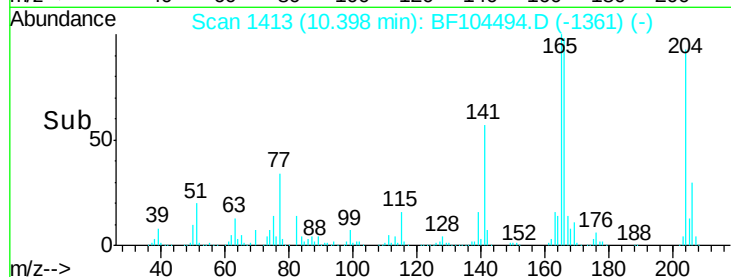
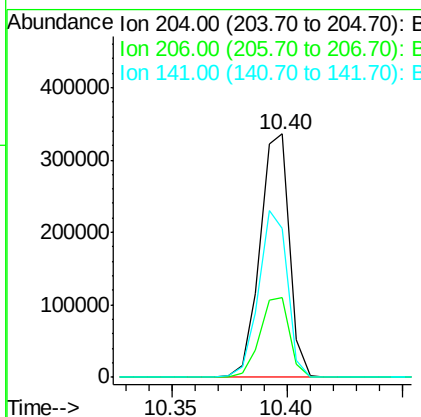
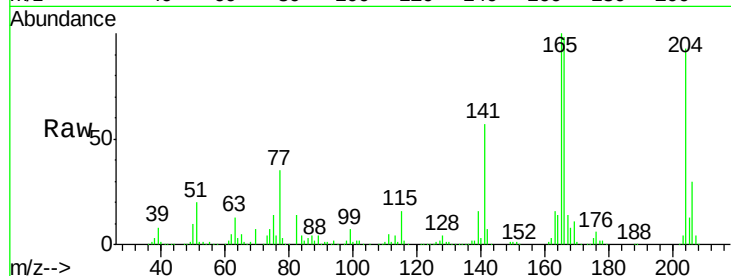


#60
 4-Chlorophenyl-phenylether
 Concen: 51.815 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

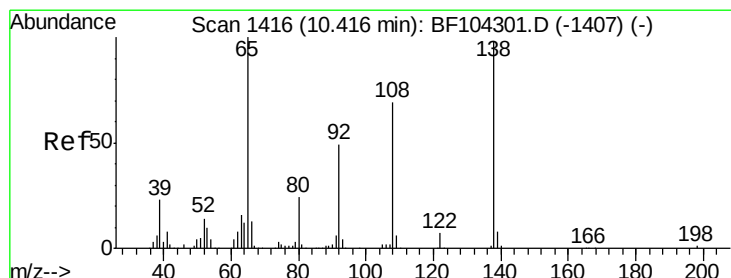
Tot Ion:	204	Resp:	299664
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	61.0	54.6	81.8

Manual Integrations
 APPROVED



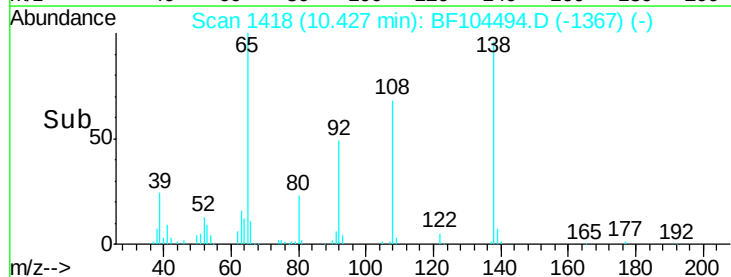
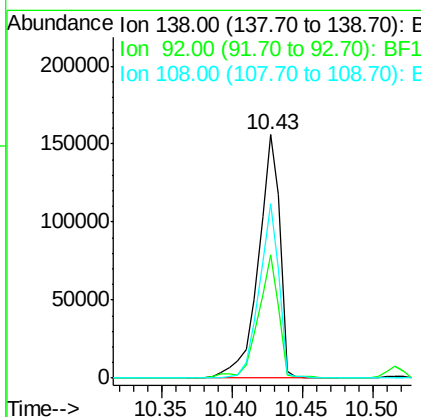
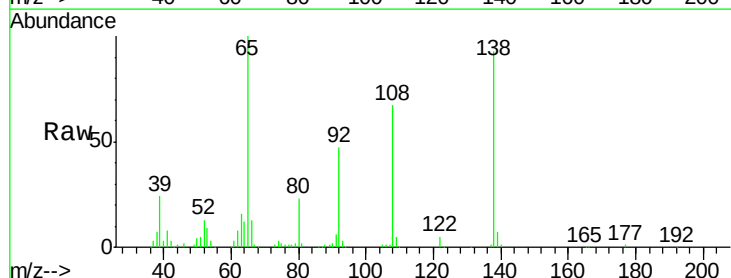
Sohil

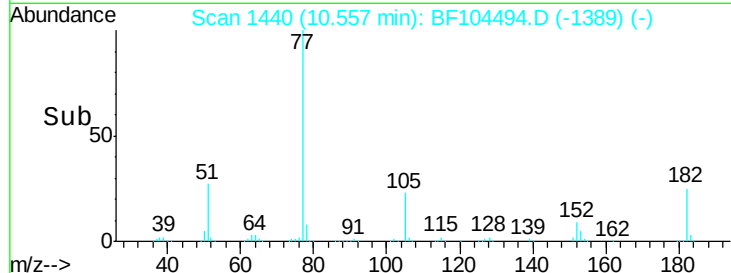
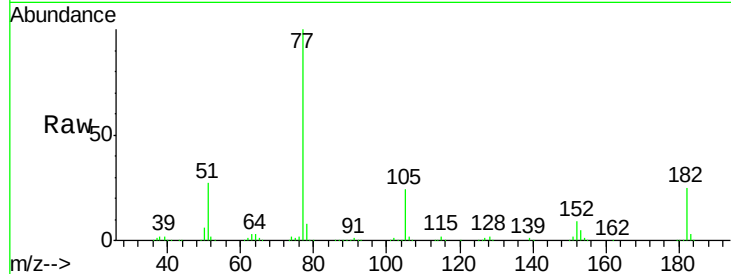
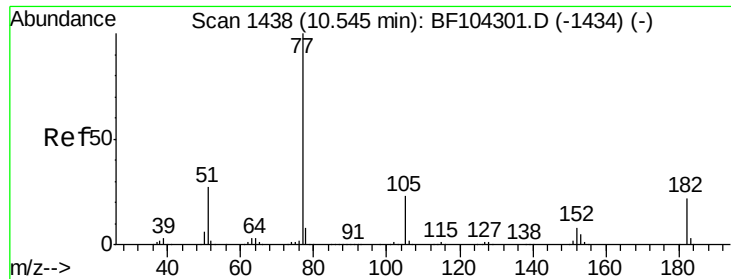
4/16/2018 3:10:30 PM



#61
 4-Nitroaniline
 Concen: 49.674 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:	138	Resp:	167221
Ion Ratio	Lower	Upper	
138	100		
92	50.6	30.2	70.2
108	71.5	52.5	92.5



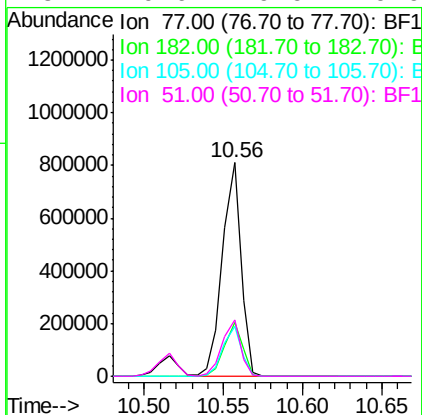


#62
Azobenzene
Concen: 44.014 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100	665602		
182	182	25.1	1.7	41.7	
105	105	23.6	3.0	43.0	
51	51	26.6	9.9	49.9	

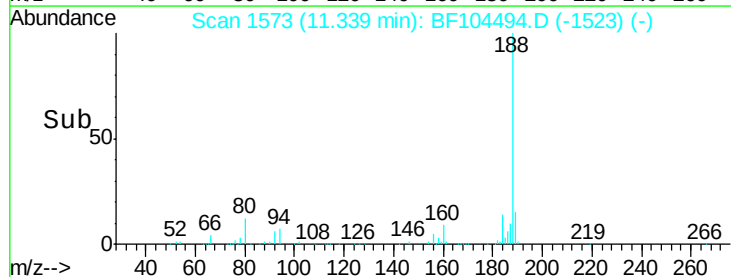
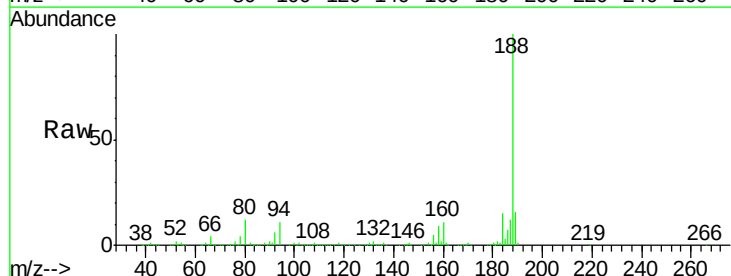
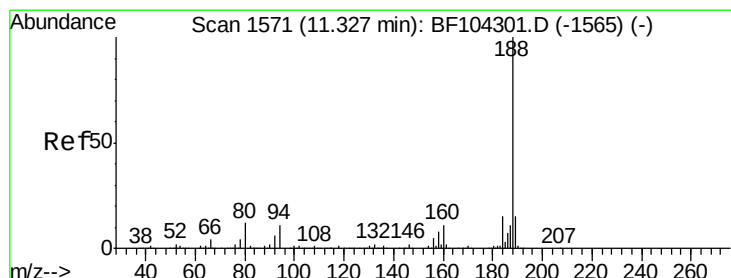
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Manual Integrations
APPROVED



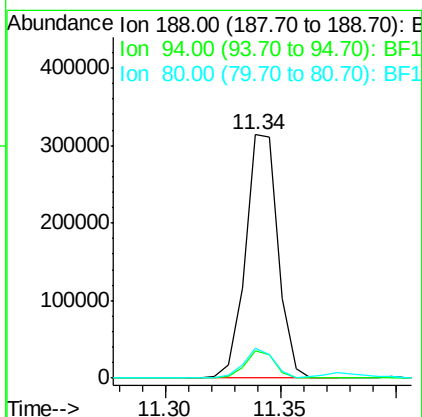
Sohil

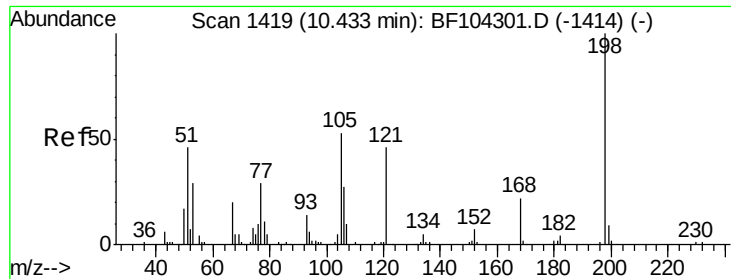
4/16/2018 3:10:30 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	188	100	308977		
94	94	11.2	8.5	12.7	
80	80	12.4	9.2	13.8	



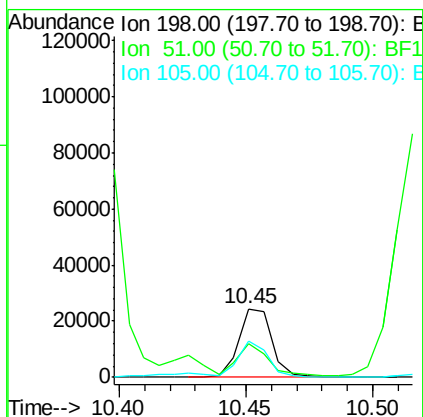
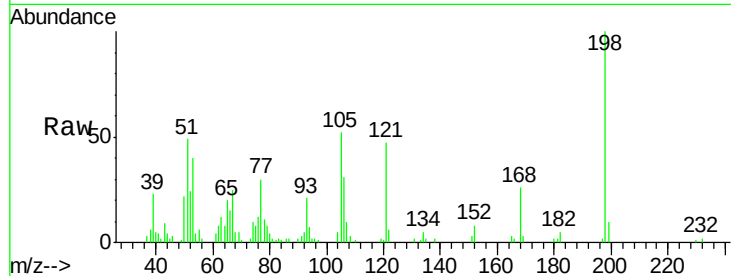


#64
4,6-Dinitro-2-methylphenol
Concen: 19.845 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

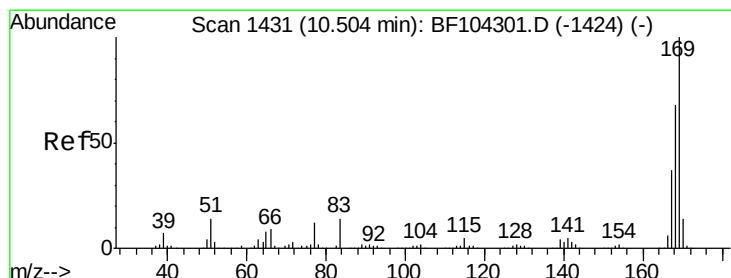
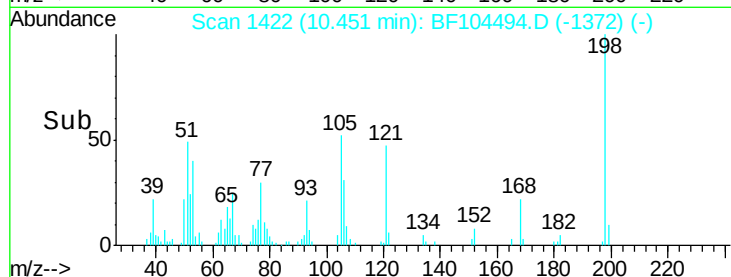
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.9	37.7	77.7
105	52.3	36.3	76.3

Manual Integrations
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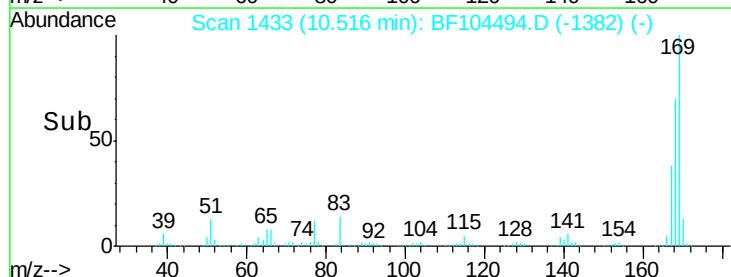
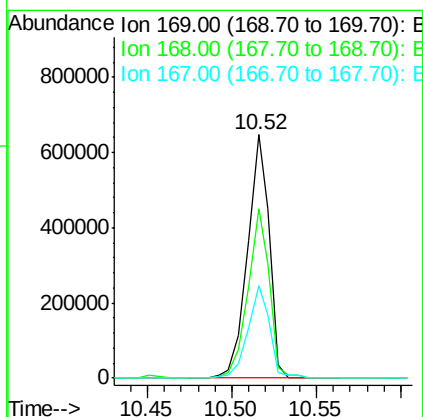
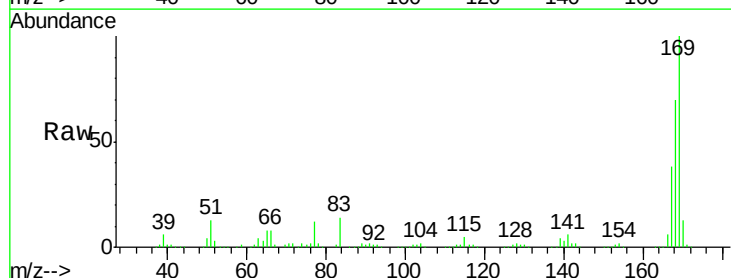
Sohil

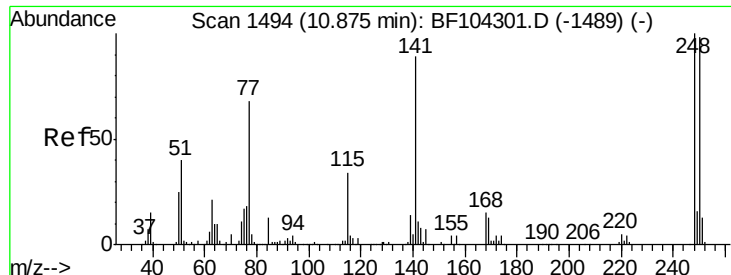
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#65
n-Nitrosodiphenylamine
Concen: 54.355 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	54.4	81.6
167	38.1	29.8	44.6



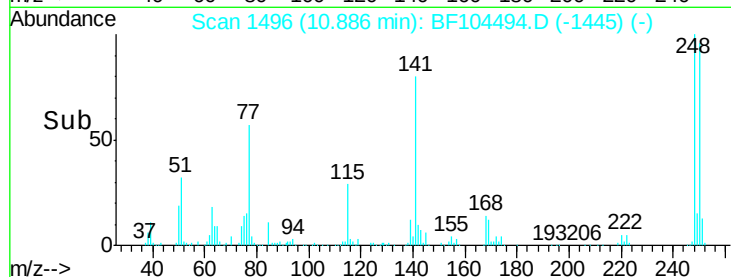
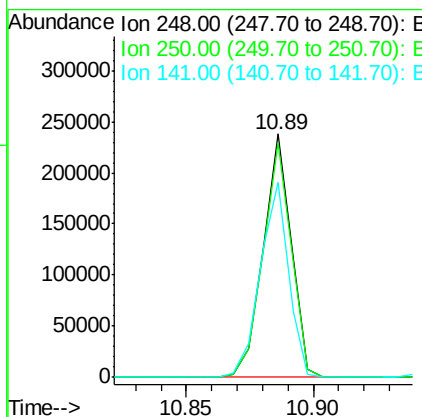
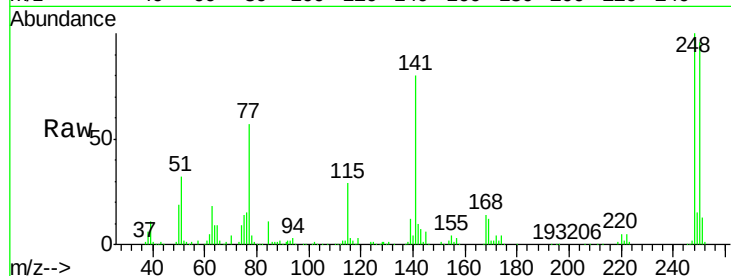


#66
 4-Bromophenyl-phenylether
 Concen: 56.436 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

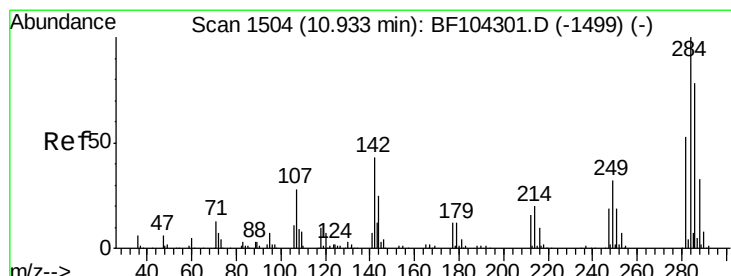
Tot Ion:	248	Resp:	185478
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.9	115.3
141	79.9	74.4	111.6

Manual Integrations
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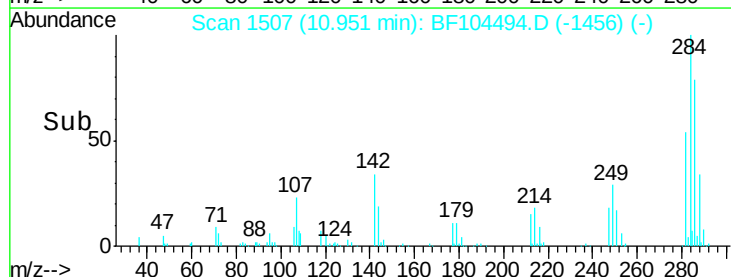
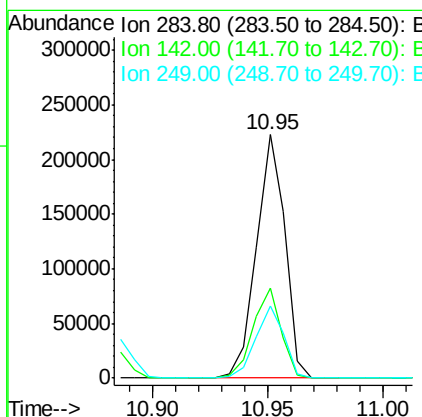
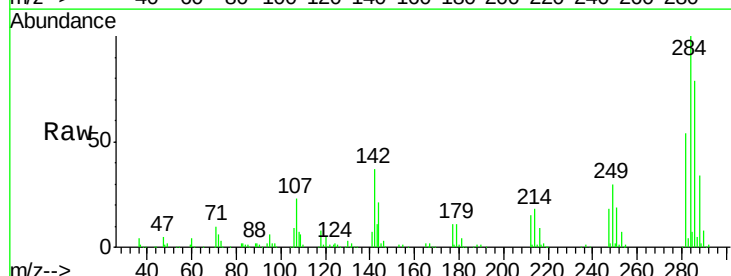
Sohil

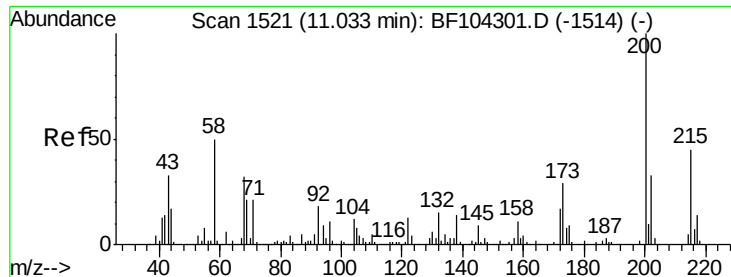
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#67
 Hexachlorobenzene
 Concen: 51.910 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:	284	Resp:	191965
Ion Ratio	Lower	Upper	
284	100		
142	36.9	34.6	52.0
249	29.7	24.8	37.2



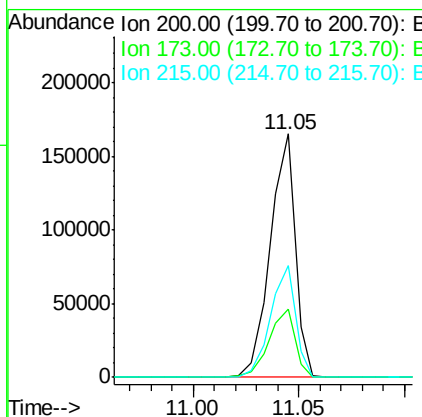
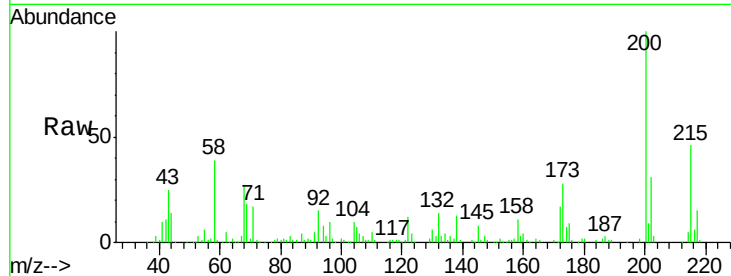


#68
Atrazine
Concen: 42.228 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

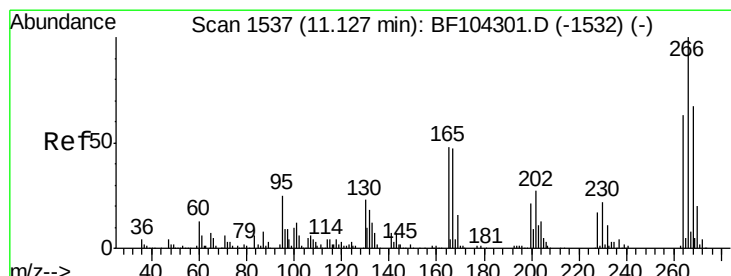
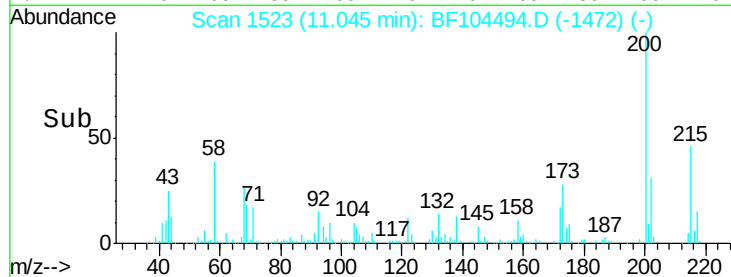
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	45.7	25.1	65.1

Manual Integrations
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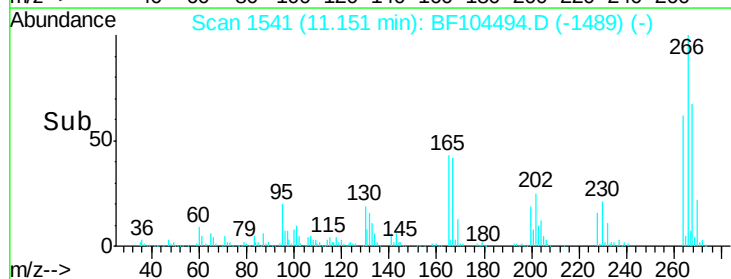
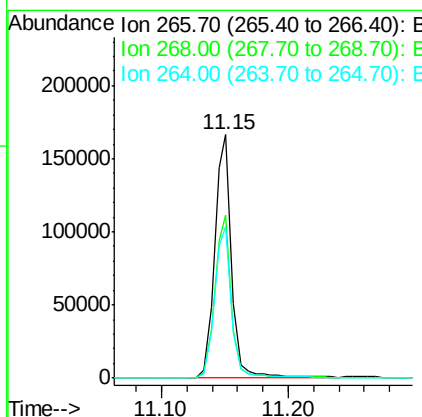
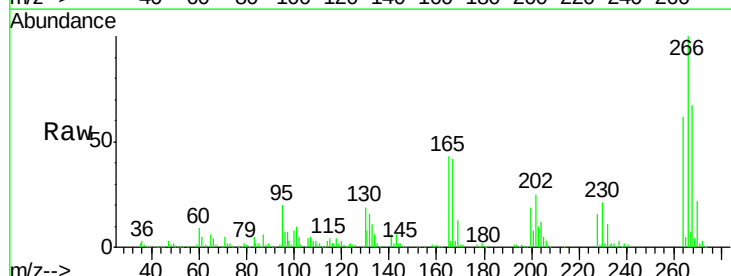
Sohil

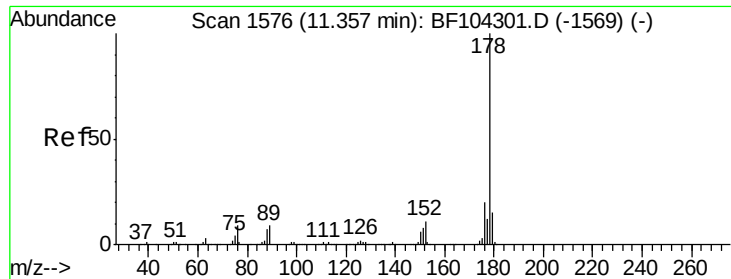
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#69
Pentachlorophenol
Concen: 68.989 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	62.1	49.5	74.3



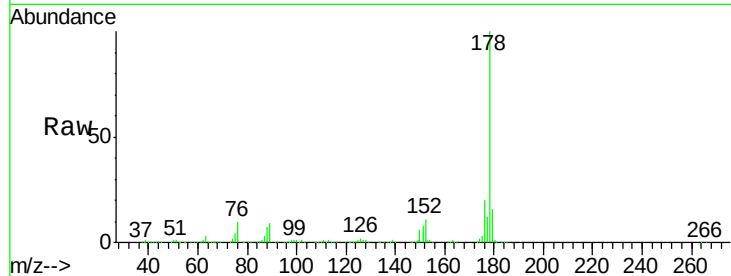


#70
Phenanthrene
Concen: 48.231 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

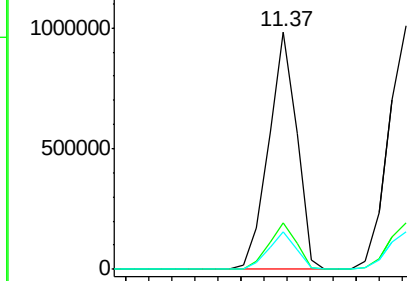
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

Manual Integrations
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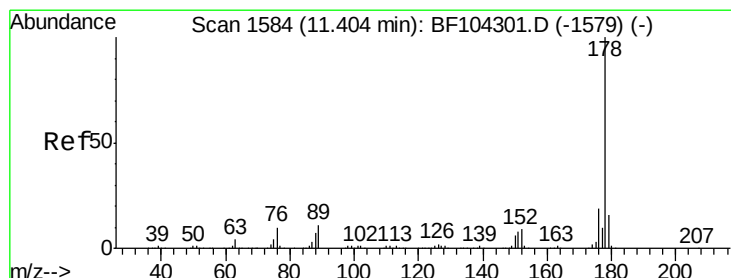
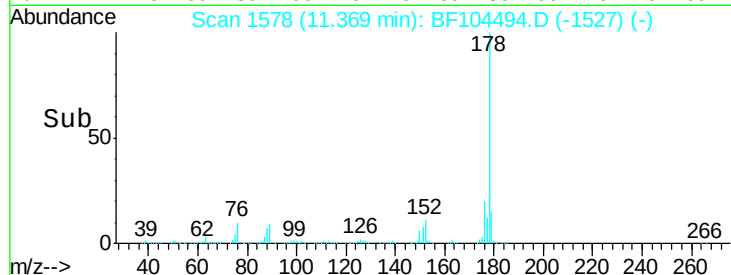


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



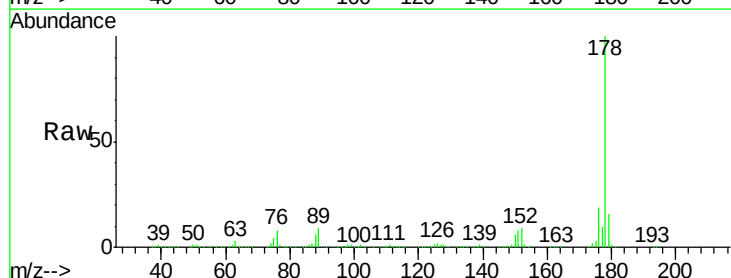
Sohil

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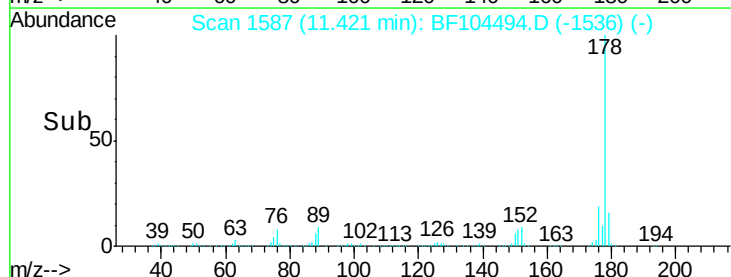
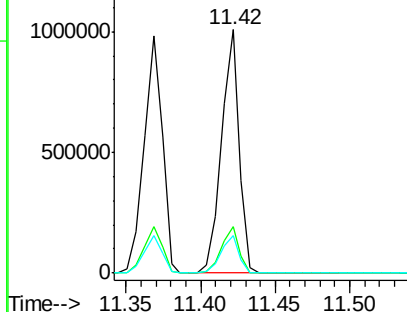


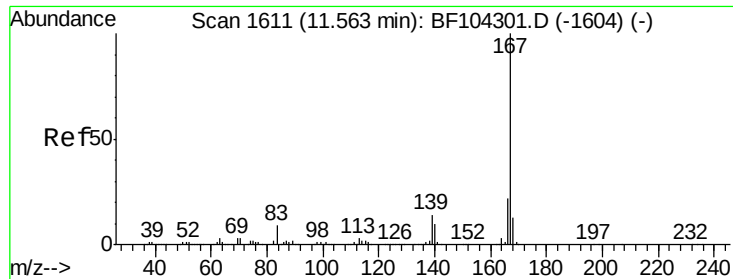
#71
Anthracene
Concen: 48.289 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0



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: 44.593 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

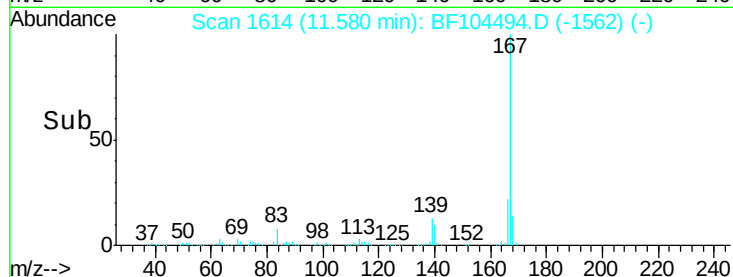
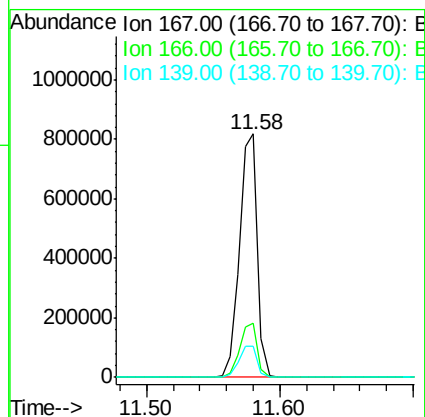
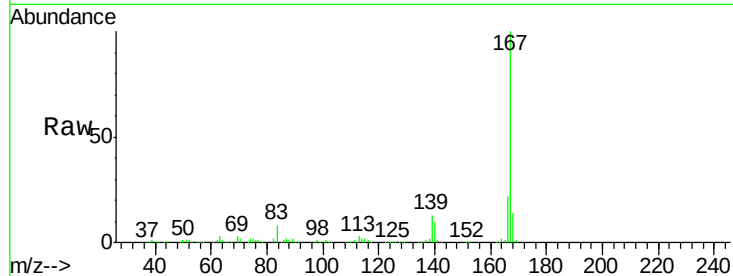
BNA_F

ClientSampleId :

PB108218BSD

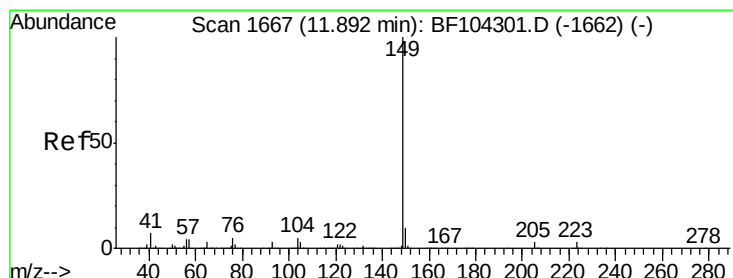
Tot Ion:	167	Resp:	762165
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	12.9	10.9	16.3

Manual Integrations
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Sohil

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#73

Di-n-butylphthalate

Concen: 49.490 ng

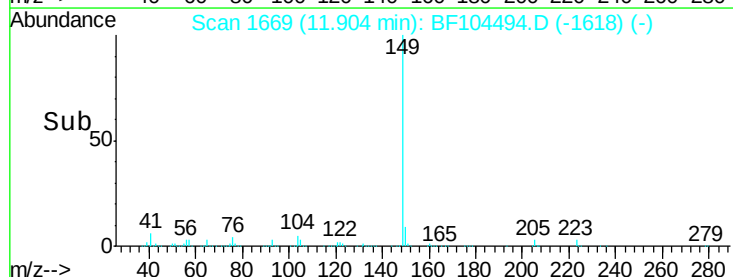
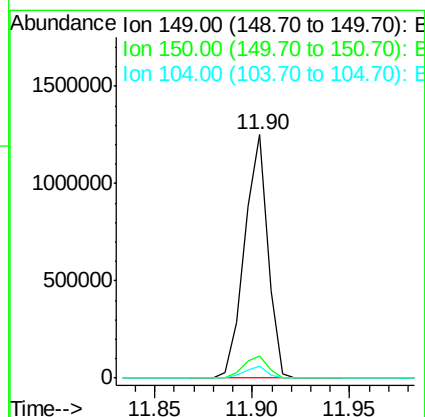
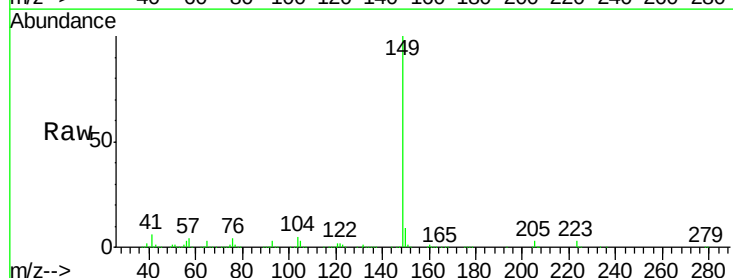
RT: 11.90 min Scan# 1669

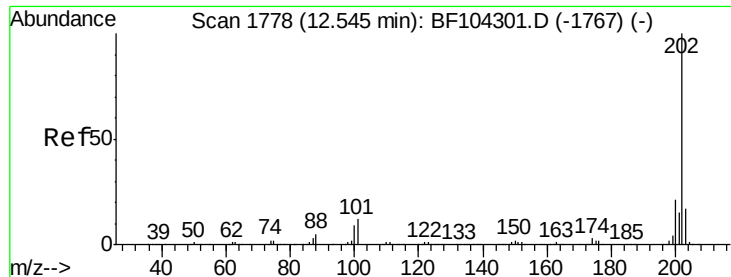
Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Tgt Ion:	149	Resp:	1033278
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8



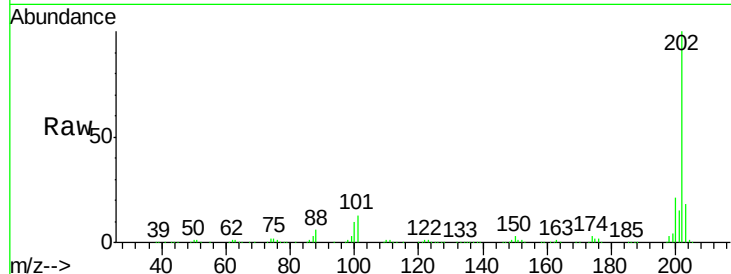


#74
Fluoranthene
Concen: 43.956 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

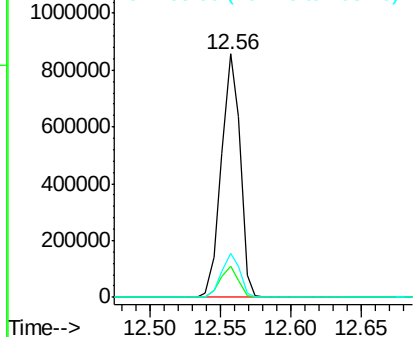
Instrument :
BNA_F
ClientSampleId :
PB108218BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	790233		
101	12.9	0.0	34.1	
203	17.8	0.0	38.1	

Manual Integrations
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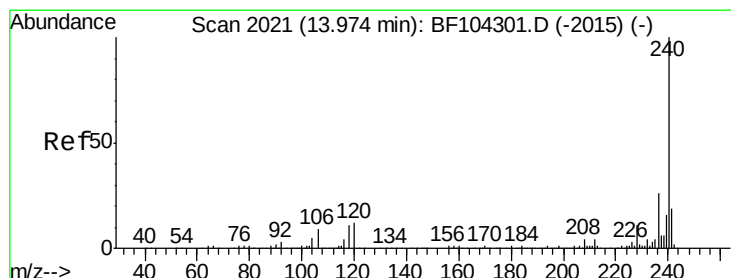
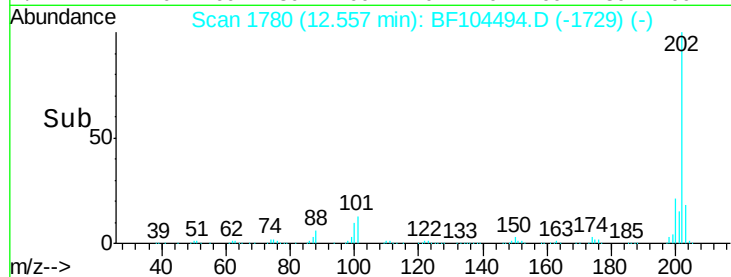


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



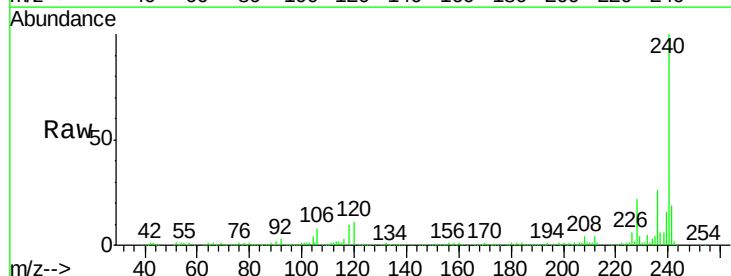
Sohil

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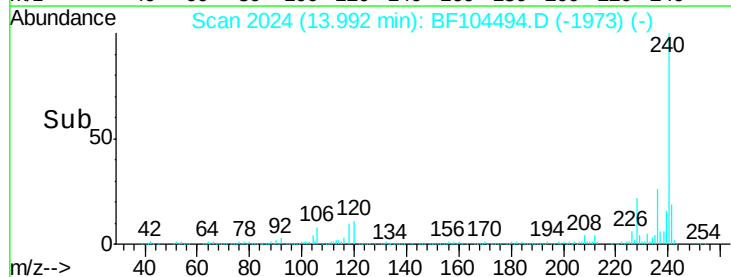
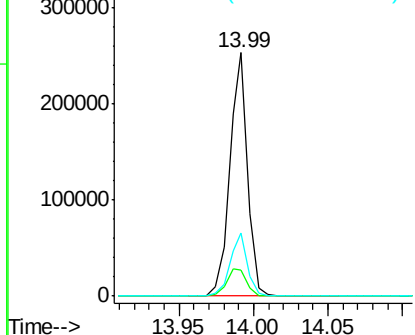


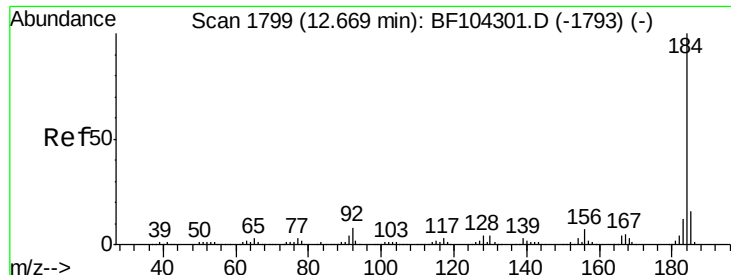
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	213138		
120	10.7	9.5	14.3	
236	25.7	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.951 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

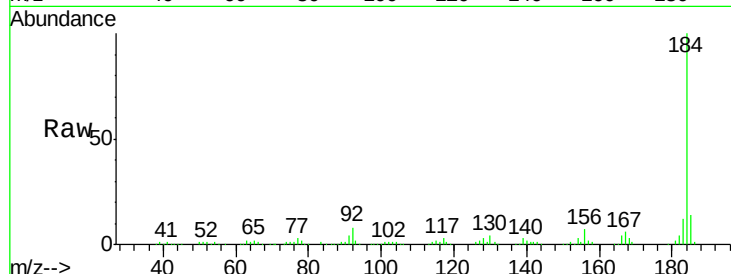
BNA_F

ClientSampleId :

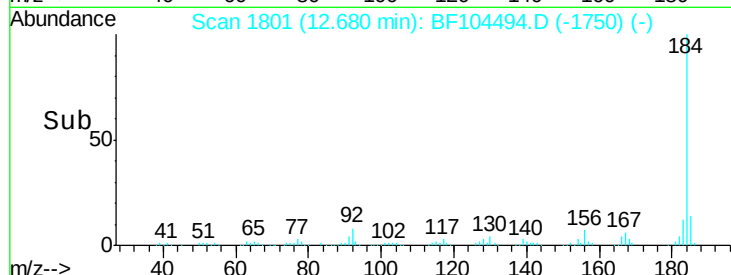
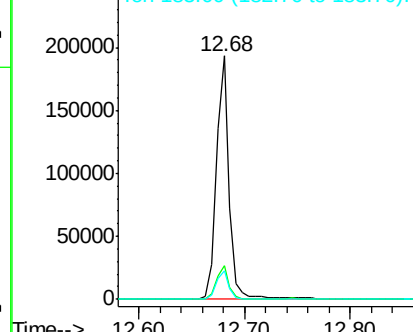
PB108218BSD

Tot Ion:	184	Resp:	165273
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	11.8	9.3	13.9

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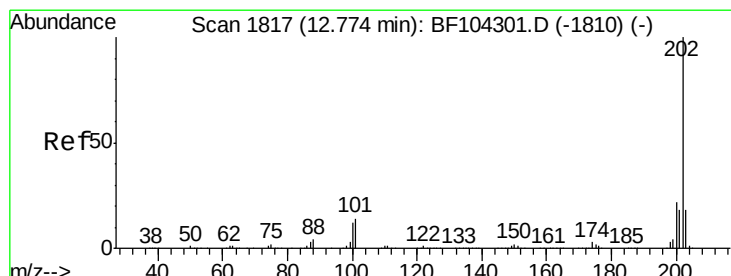


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Sohil

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#77

Pyrene

Concen: 50.196 ng

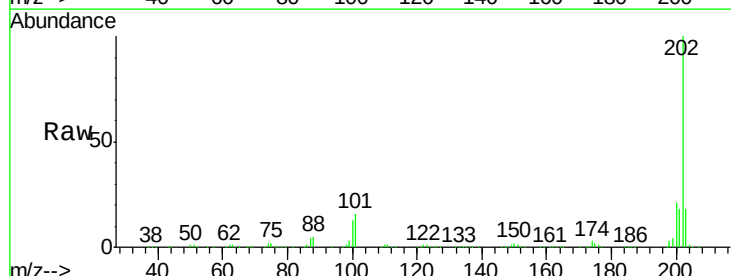
RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

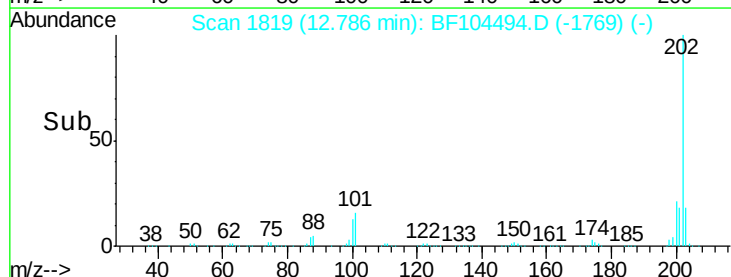
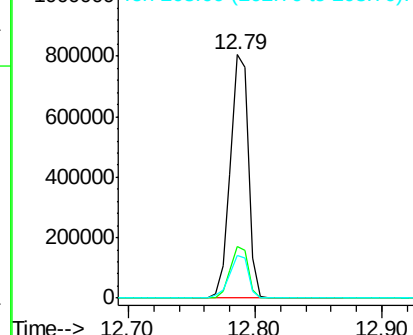
Lab File: BF104494.D

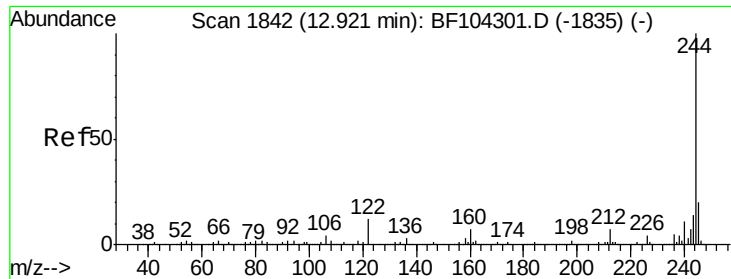
Acq: 13 Apr 2018 22:15

Tgt Ion:	202	Resp:	793022
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5



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





#78

Terphenyl-d14

Concen: 86.121 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

Instrument :

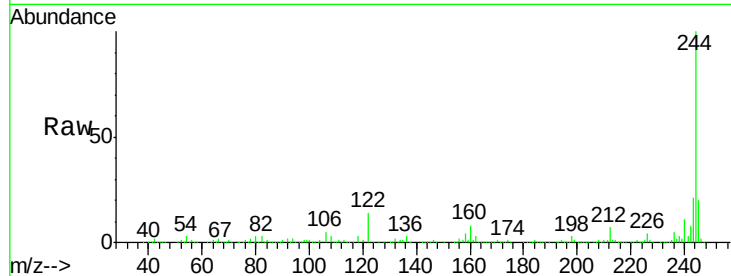
BNA_F

ClientSampleId :

PB108218BSD

Tot Ion:	244	Resp:	805132
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4

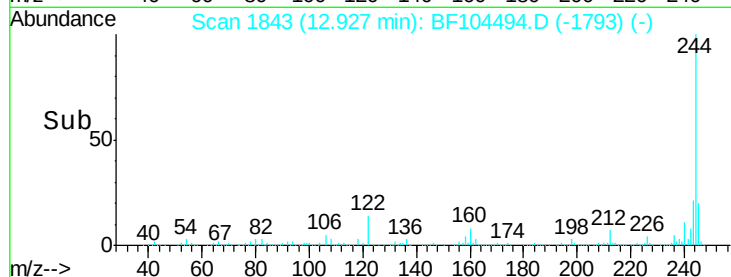
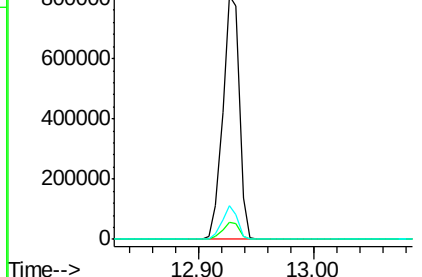
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E

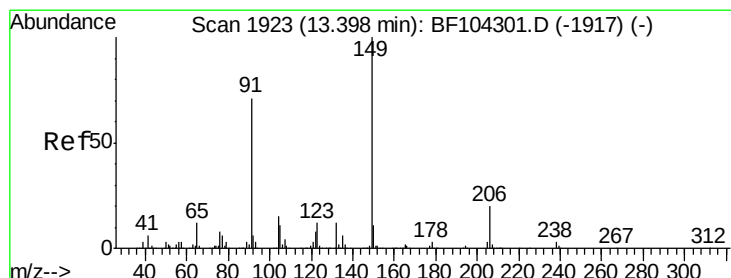
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 51.998 ng

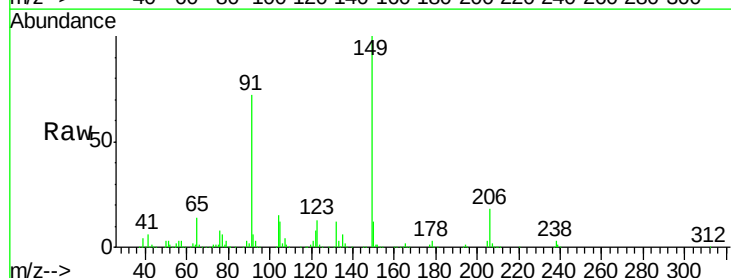
RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104494.D

Acq: 13 Apr 2018 22:15

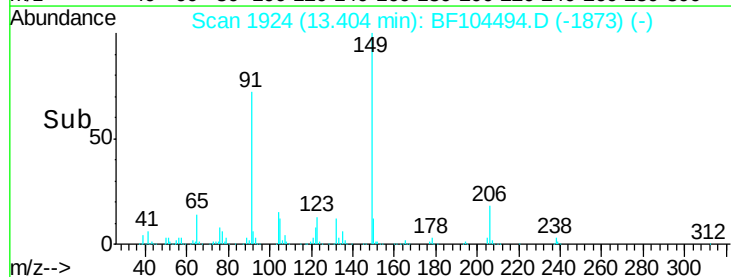
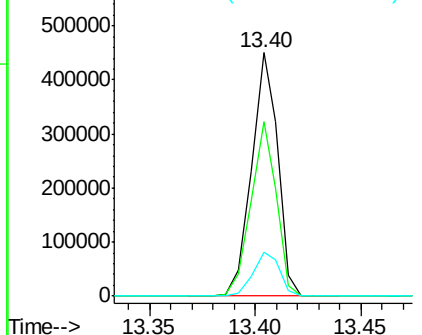
Tgt Ion:	149	Resp:	387013
Ion Ratio	Lower	Upper	
149	100		
91	71.9	56.8	85.2
206	17.9	14.1	21.1

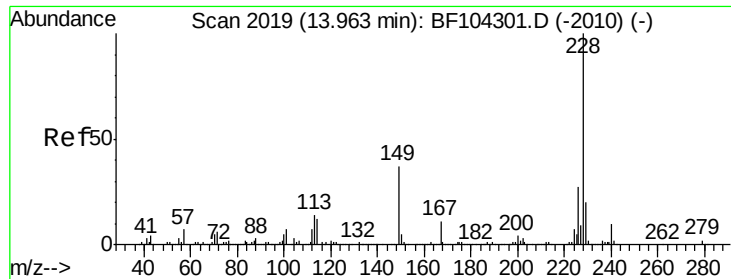


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



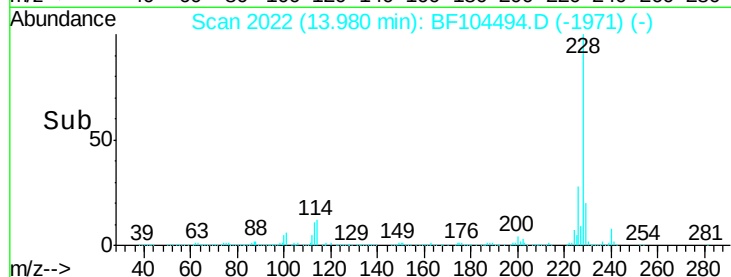
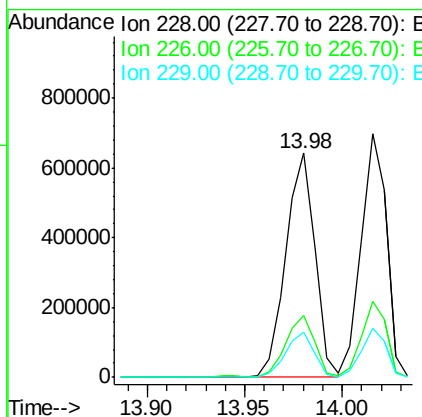
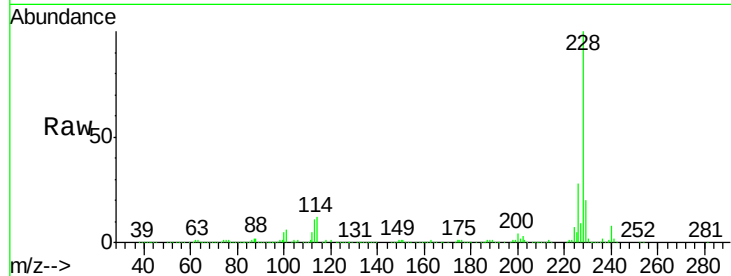


#80
Benzo(a)anthracene
Concen: 52.066 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

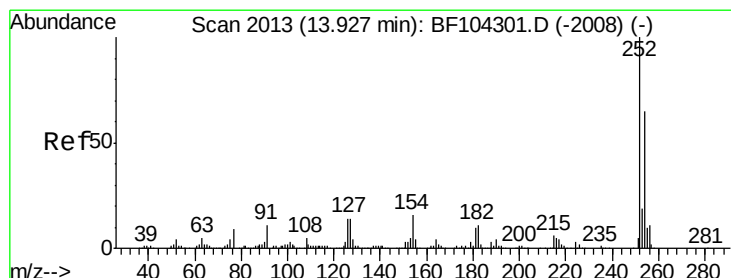
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6

Manual Integrations
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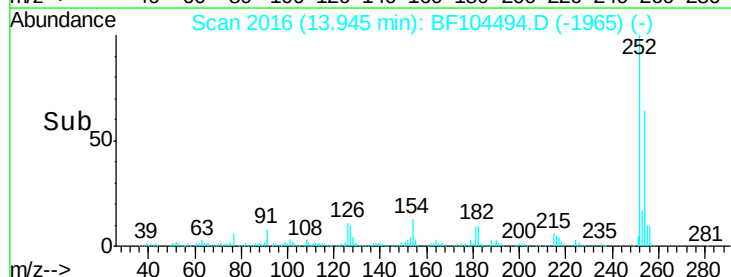
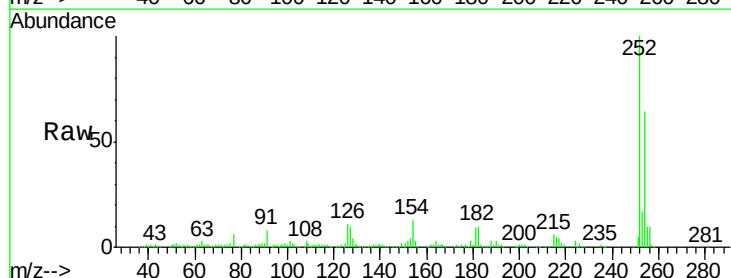
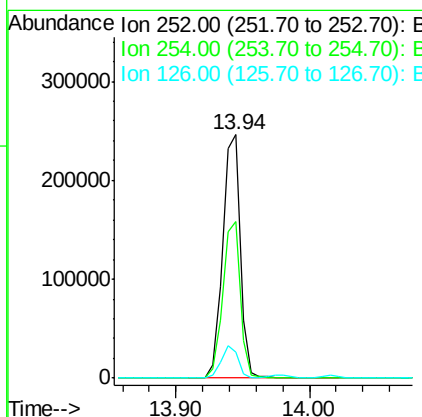
Sohil

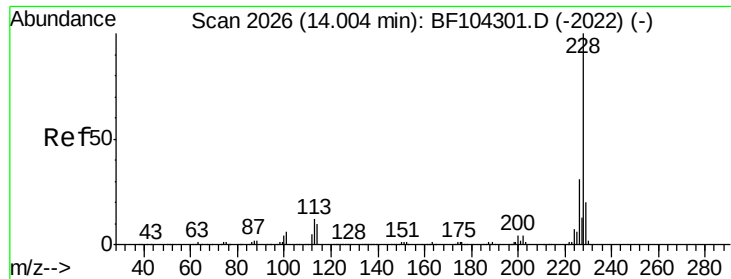
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#81
3,3'-Dichlorobenzidine
Concen: 48.875 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.6	11.3	16.9#



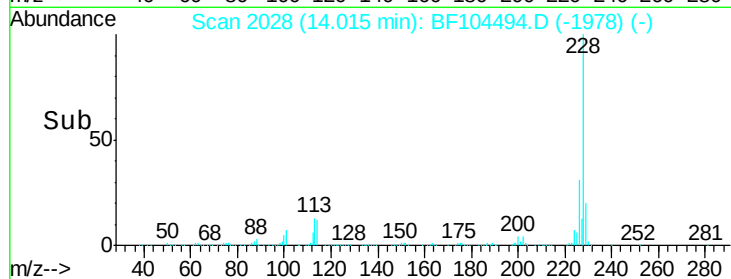
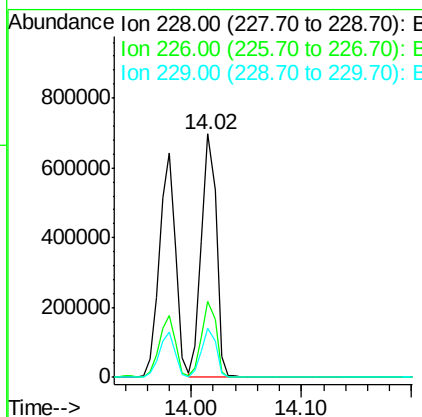
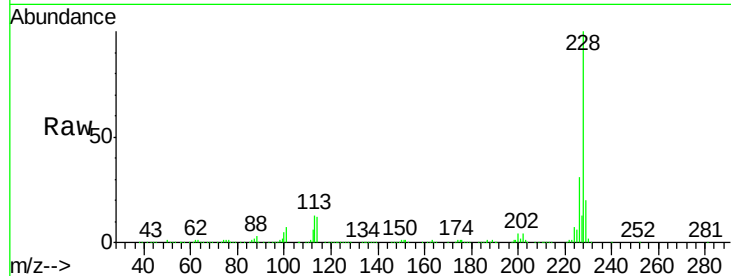


#82
 Chrysene
 Concen: 48.257 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BSD

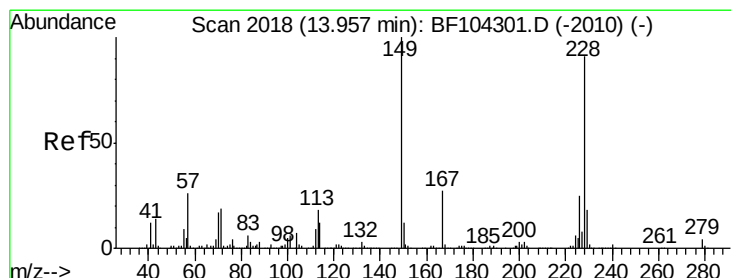
Tot Ion:	228	Resp:	631151
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4

Manual Integrations
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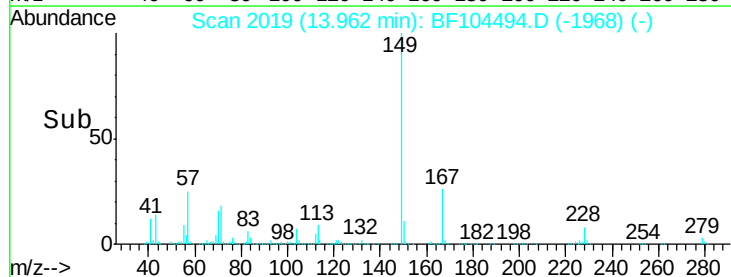
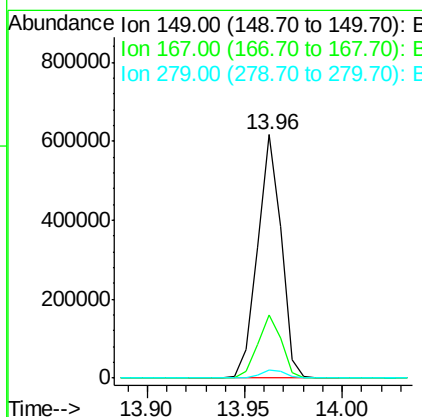
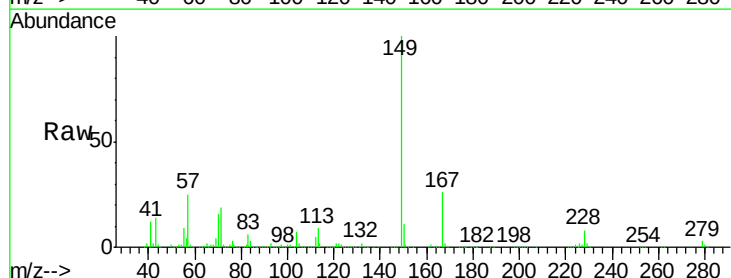
Sohil

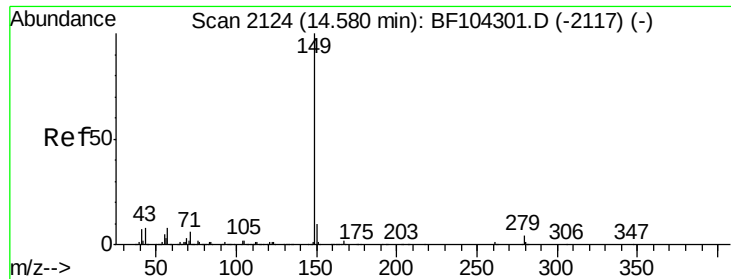
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.980 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104494.D
 Acq: 13 Apr 2018 22:15

Tgt Ion:	149	Resp:	516776
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.1	3.0	4.4



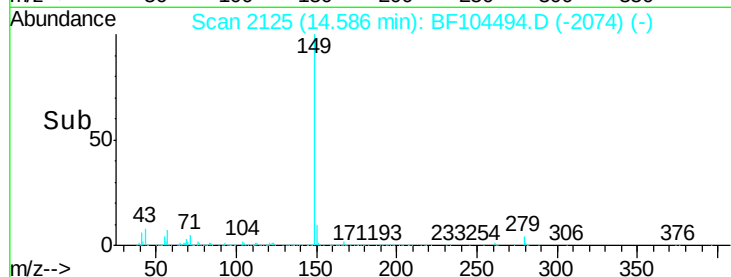
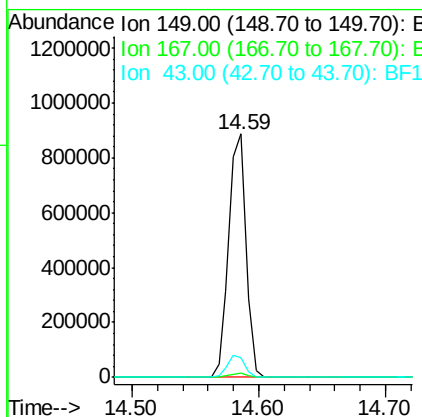
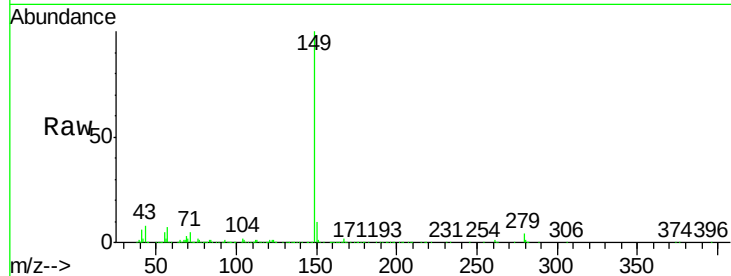


#84
Di-n-octyl phthalate
Concen: 52.436 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

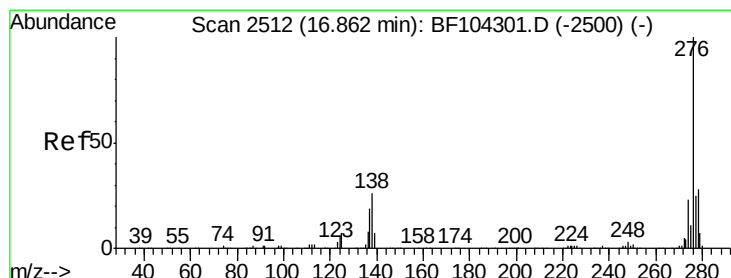
Tot Ion	Ratio	Resp	Lower	Upper
149	100	838782		
167	1.7		1.2	1.8
43	8.7		8.4	12.6

Manual Integrations
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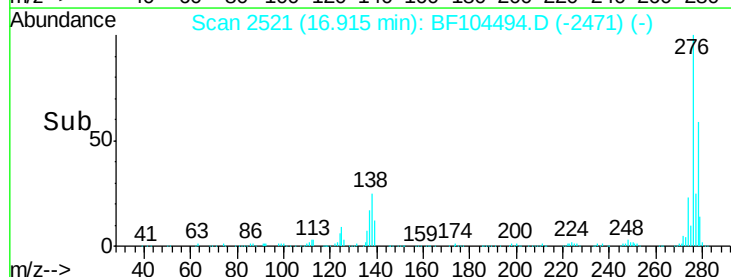
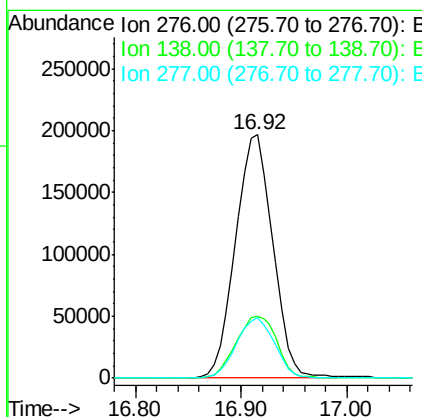
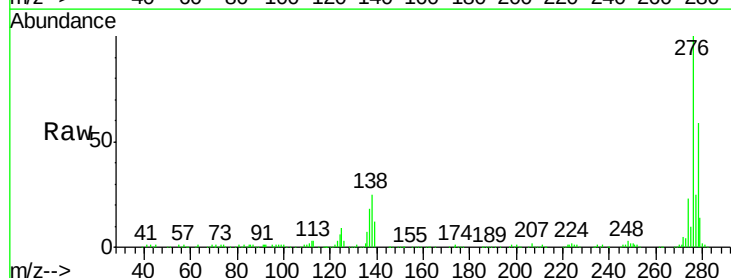
Sohil

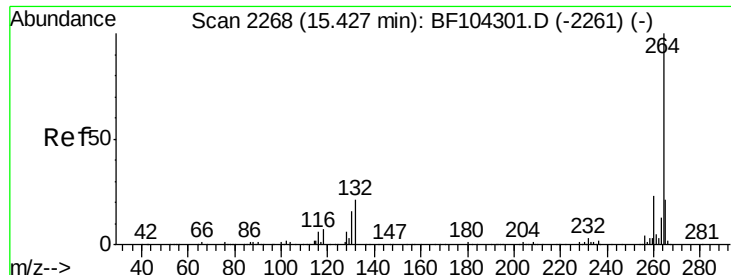
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#85
Indeno(1,2,3-cd)pyrene
Concen: 43.428 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	482494		
138	28.0		25.0	37.6
277	25.6		20.1	30.1



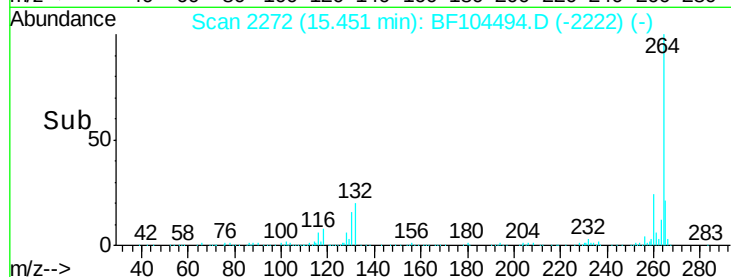
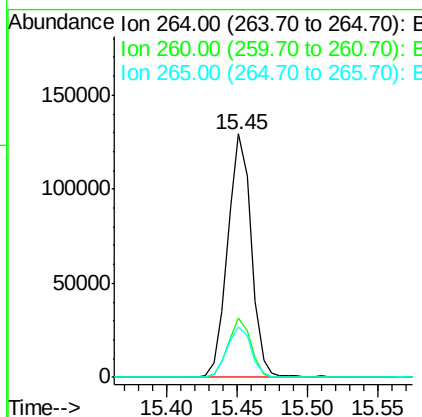
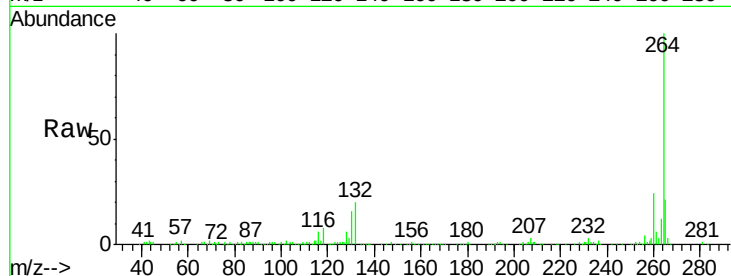


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

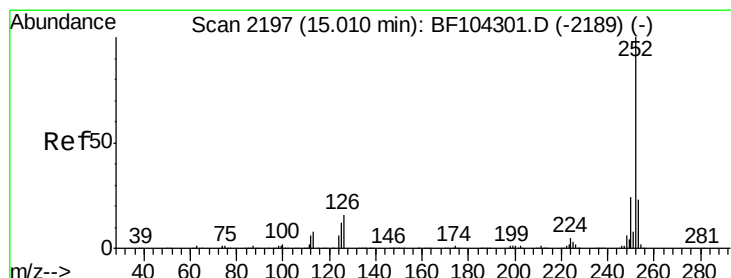
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.9	17.5	26.3

Manual Integrations
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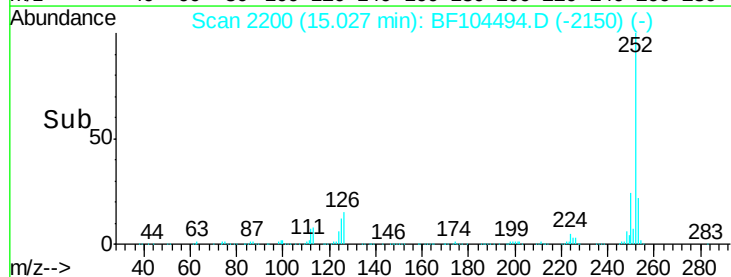
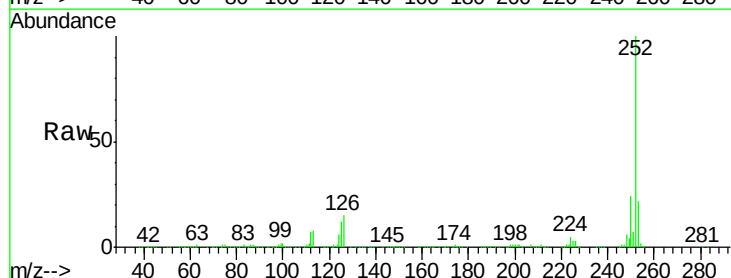
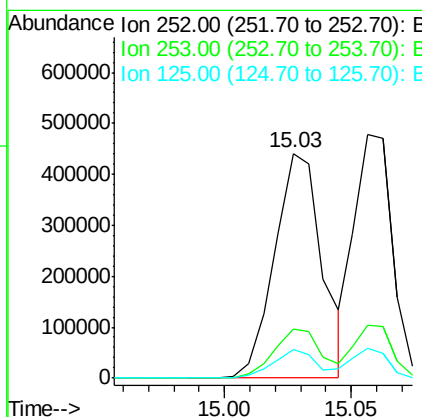
Sohil

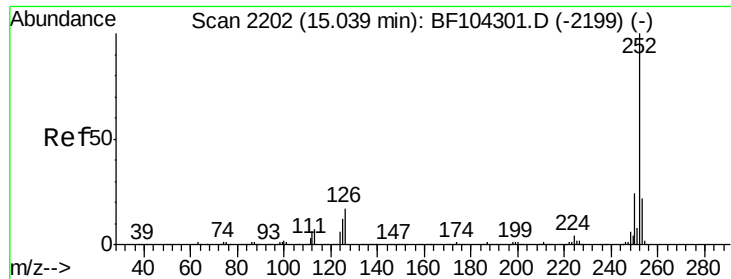
4/16/2018 3:10:30 PM



#87
Benzo(b)fluoranthene
Concen: 60.523 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.4	9.0	13.6



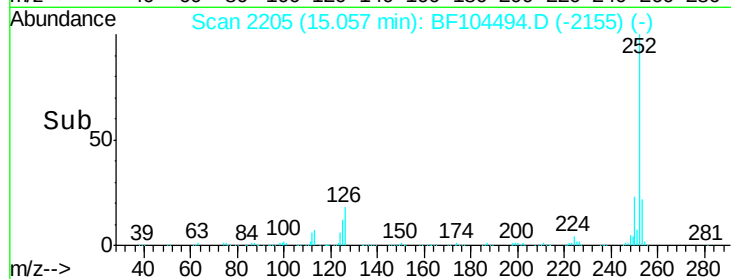
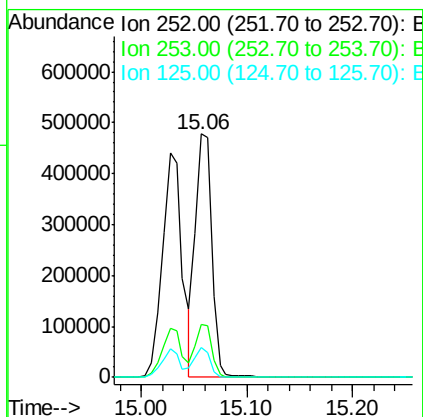
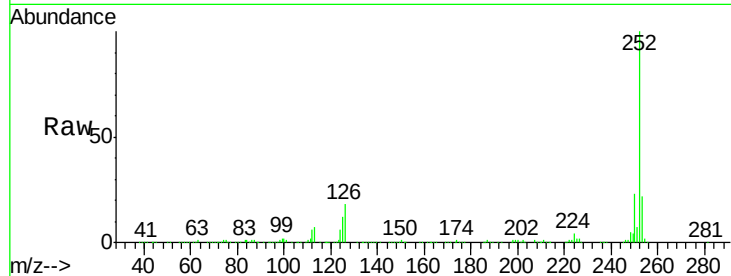


#88
Benzo(k)fluoranthene
Concen: 56.570 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampled :
PB108218BSD

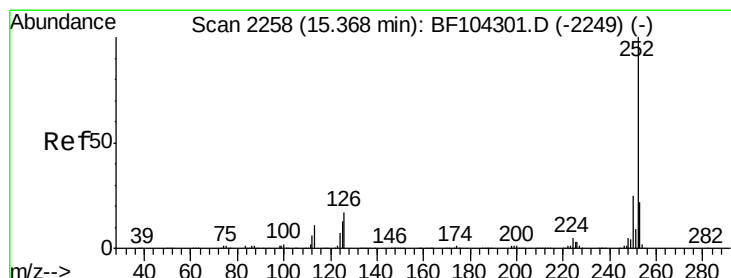
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.1	10.2	15.2

Manual Integrations
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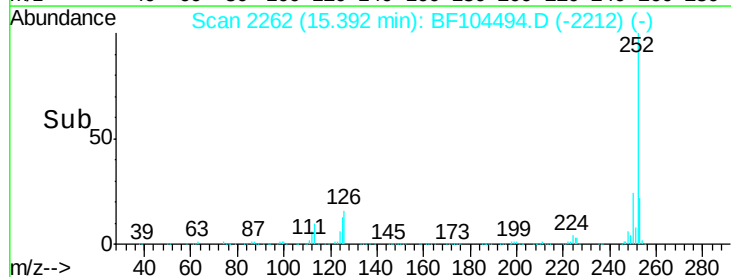
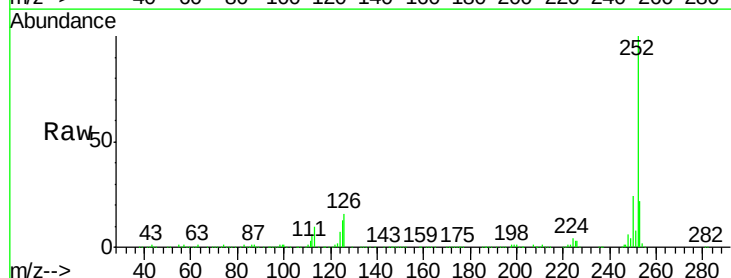
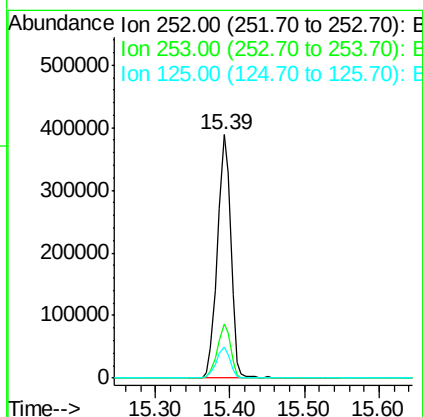
Sohil

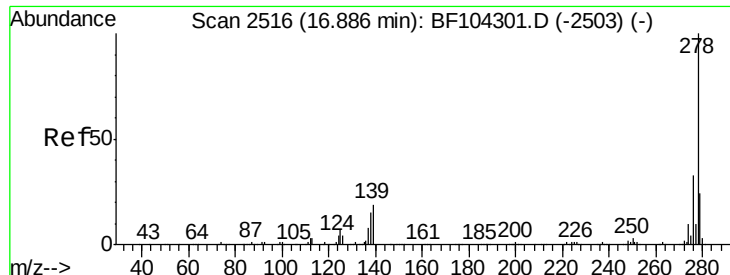
4/16/2018 3:10:30 PM



#89
Benzo(a)pyrene
Concen: 56.952 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6



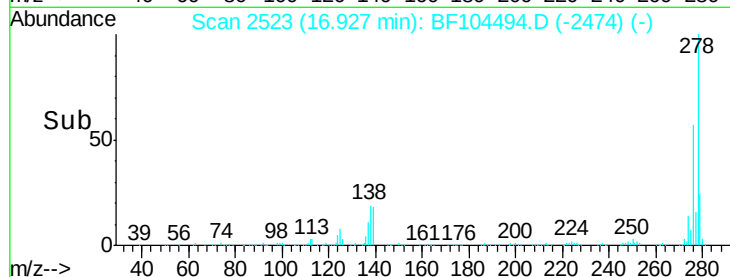
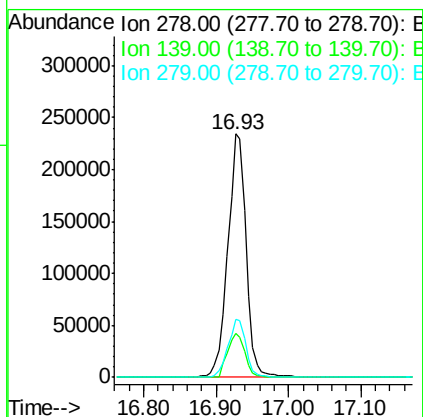
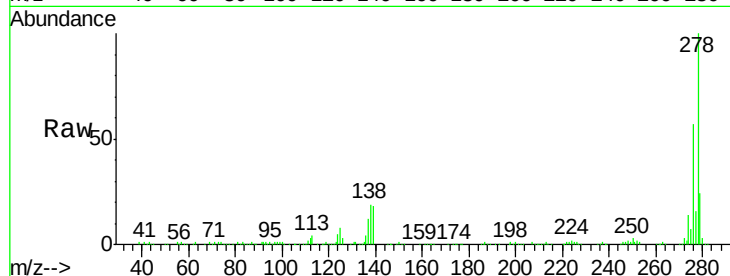


#90
Dibenzo(a,h)anthracene
Concen: 59.115 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Instrument :
BNA_F
ClientSampleId :
PB108218BSD

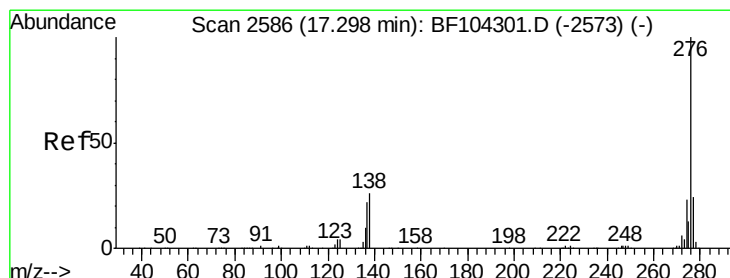
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.7	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 58.148 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF104494.D
Acq: 13 Apr 2018 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.6	21.8	32.8

