

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114700.D
 Acq On : 31 May 2019 11:34
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:49:19 AM

Quant Time: Jun 01 00:39:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	1569481	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	5571992	20.00	ng	0.01
39) Acenaphthene-d10	9.73	164	2884228	20.00	ng	0.01
64) Phenanthrene-d10	11.21	188	4791802	20.00	ng	0.02
76) Chrysene-d12	13.83	240	3275891	20.00	ng	0.02
87) Perylene-d12	15.23	264	3401028	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	7789892	87.14	ng	0.06
7) Phenol-d6	6.38	99	9490714	88.10	ng	0.05
23) Nitrobenzene-d5	7.28	82	6821481	76.38	ng	0.02
42) 2,4,6-Tribromophenol	10.53	330	2955447	107.54	ng	0.03
45) 2-Fluorobiphenyl	9.06	172	8604834	49.33	ng	0.01
79) Terphenyl-d14	12.80	244	9058760	51.99	ng	0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	320351	7.468	ng	97
4) n-Nitrosodimethylamine	3.10	42	354202	7.011	ng	96
6) Aniline	6.41	93	672979	4.136	ng	96
8) 2-Chlorophenol	6.50	128	703891	6.818	ng	95
9) Benzaldehyde	6.25	77	338544	Below Cal		96
10) Phenol	6.39	94	889182	6.833	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	658347	6.614	ng	100
12) 1,3-Dichlorobenzene	6.65	146	949163	8.070	ng	98
13) 1,4-Dichlorobenzene	6.72	146	921061	7.806	ng	99
14) 1,2-Dichlorobenzene	6.88	146	718880	6.692	ng	100
15) Benzyl Alcohol	6.85	79	718755	8.483	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1140564	7.471	ng	99
17) 2-Methylphenol	6.96	107	752855	8.622	ng	99
18) Hexachloroethane	7.22	117	349133	7.815	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	617379	8.303	ng	99
20) 3+4-Methylphenols	7.12	107	875363	8.524	ng	92
22) Acetophenone	7.12	105	1213468	10.221	ng	# 98
24) Nitrobenzene	7.29	77	790937	8.337	ng	95
25) Isophorone	7.52	82	1647344	9.191	ng	100
26) 2-Nitrophenol	7.60	139	476679	10.322	ng	95
27) 2,4-Dimethylphenol	7.64	122	818590	10.658	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1047918	9.185	ng	99
29) 2,4-Dichlorophenol	7.84	162	782901	10.015	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	853360	9.581	ng	99
31) Naphthalene	8.00	128	2403039	9.363	ng	99
32) Benzoic acid	7.76	122	517582	10.376	ng	98
33) 4-Chloroaniline	8.05	127	706848	5.781	ng	99
34) Hexachlorobutadiene	8.13	225	457927	9.255	ng	99
35) Caprolactam	8.43	113	235004	8.908	ng	94
36) 4-Chloro-3-methylphenol	8.53	107	769407	9.814	ng	100
37) 2-Methylnaphthalene	8.69	142	1744674	10.231	ng	99
38) 1-Methylnaphthalene	8.79	142	1653241	10.233	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	735076	9.570	ng	99
41) Hexachlorocyclopentadiene	8.85	237	927517	18.274	ng	99

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Instrument :
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 ClientSampleId :
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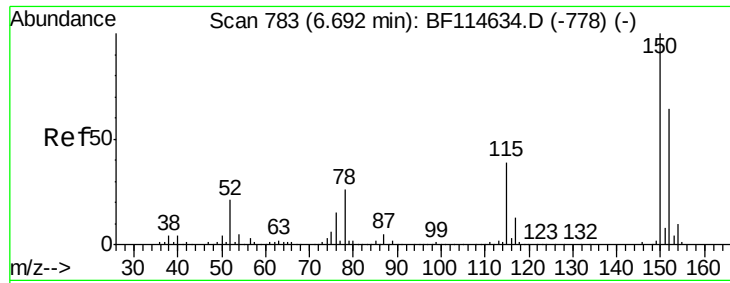
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	582880	9.645	nq	99
44) 2,4,5-Trichlorophenol	9.01	196	578651	9.595	nq	99
46) 1,1'-Biphenyl	9.16	154	2065965	9.650	nq	99
47) 2-Chloronaphthalene	9.18	162	1642874	9.355	nq	99
48) 2-Nitroaniline	9.27	65	462662	8.537	nq	91
49) Acenaphthylene	9.59	152	2490811	9.180	nq	99
50) Dimethylphthalate	9.46	163	1857676	9.243	nq	99
51) 2,6-Dinitrotoluene	9.52	165	439057	9.402	nq	94
52) Acenaphthene	9.76	154	1653117	9.935	nq	99
53) 3-Nitroaniline	9.67	138	315819	5.526	nq	98
54) 2,4-Dinitrophenol	9.79	184	369404	20.054	nq	96
55) Dibenzofuran	9.93	168	2163505	9.134	nq	99
56) 4-Nitrophenol	9.85	139	747936	17.659	nq	98
57) 2,4-Dinitrotoluene	9.92	165	572042	9.544	nq	# 84
58) Fluorene	10.27	166	1533450	4.982	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	476462	9.652	nq	99
60) Diethylphthalate	10.16	149	1855288	9.038	nq	100
61) 4-Chlorophenyl-phenylether	10.27	204	772815	5.359	nq	97
62) 4-Nitroaniline	10.29	138	443889	7.970	nq	94
63) Azobenzene	10.43	77	1673679	8.881	nq	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	232667	10.950	nq	80
66) n-Nitrosodiphenylamine	10.39	169	1550397	10.951	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	524000	10.197	nq	93
68) Hexachlorobenzene	10.82	284	560650	10.073	nq	98
69) Atrazine	10.92	200	480884	8.832	nq	99
70) Pentachlorophenol	11.02	266	615729	19.192	nq	98
71) Phenanthrene	11.23	178	2282848	9.339	nq	100
72) Anthracene	11.28	178	2412136	9.750	nq	99
73) Carbazole	11.43	167	2139987	9.842	nq	99
74) Di-n-butylphthalate	11.77	149	2658366	6.422	nq	98
75) Fluoranthene	12.40	202	2328650	9.200	nq	100
77) Benzidine	12.52	184	942430	6.986	nq	98
78) Pyrene	12.63	202	2327796	8.400	nq	99
80) Butylbenzylphthalate	13.26	149	1128517	8.103	nq	98
81) Benzo(a)anthracene	13.81	228	1851425	7.355	nq	98
82) 3,3'-Dichlorobenzidine	13.78	252	583773	6.005	nq	97
83) Chrysene	13.86	228	1816108	7.551	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1121416	6.513	nq	99
85) Di-n-octyl phthalate	14.43	149	2312445	7.730	nq	96
86) Indeno(1,2,3-cd)pyrene	16.54	276	1633556	6.781	nq	99
88) Benzo(b)fluoranthene	14.83	252	1650793m	7.706	nq	
89) Benzo(k)fluoranthene	14.86	252	1574442	8.456	nq	97
90) Benzo(a)pyrene	15.16	252	1507044	8.008	nq	100
91) Dibenzo(a,h)anthracene	16.56	278	1356075	8.155	nq	99
92) Benzo(g,h,i)perylene	16.94	276	1364283	8.453	nq	99

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



#1

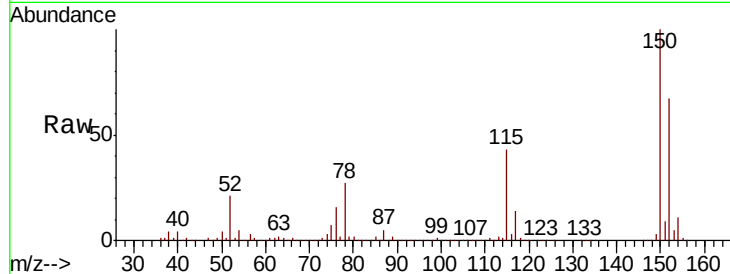
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.4	186.6
115	64.5	48.7	73.1

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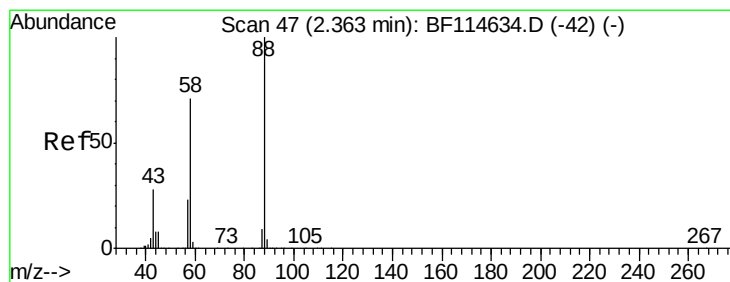
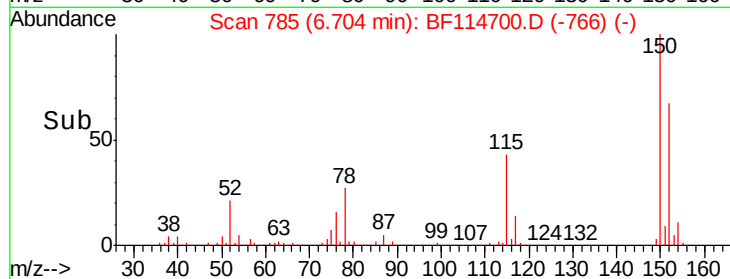
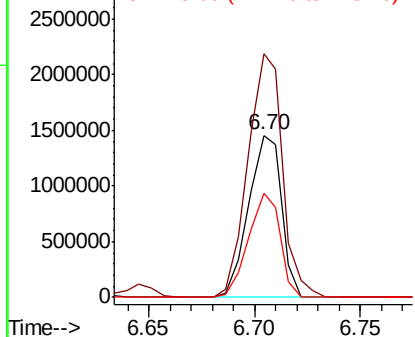


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

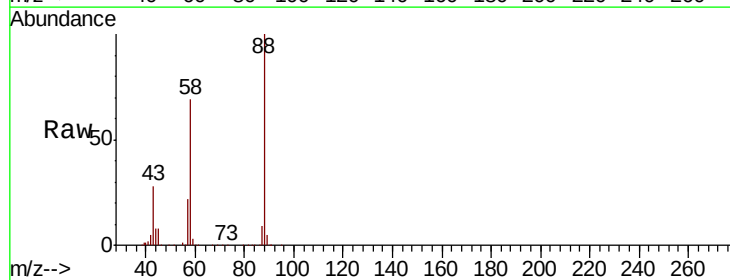
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 7.468 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.11 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	57.2	85.8
43	26.1	22.6	33.8

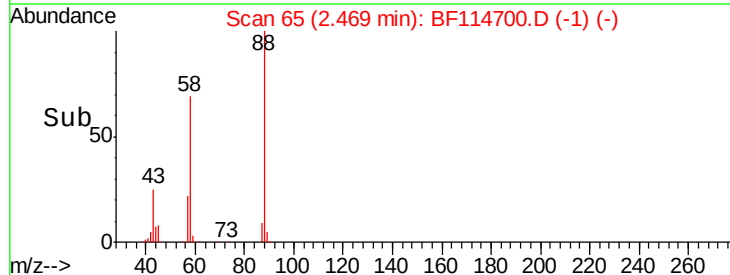
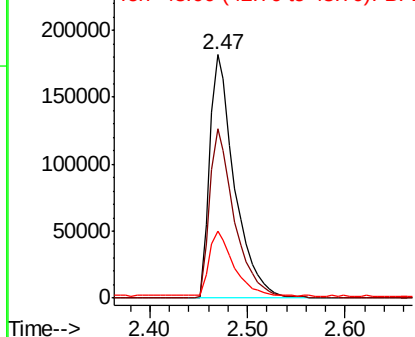


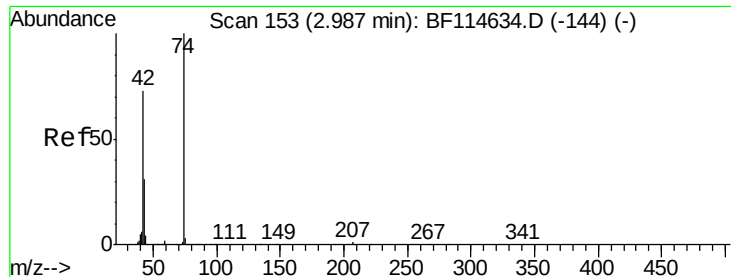
Abundance

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





#4

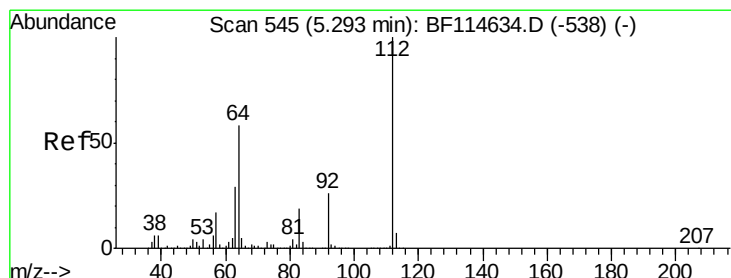
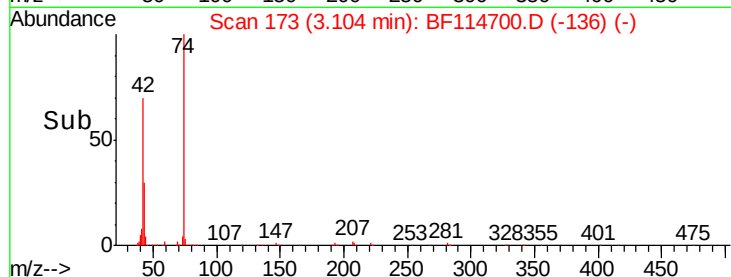
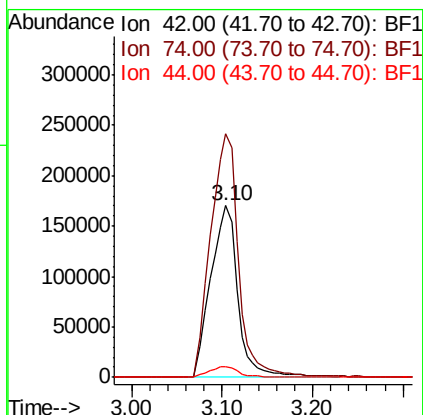
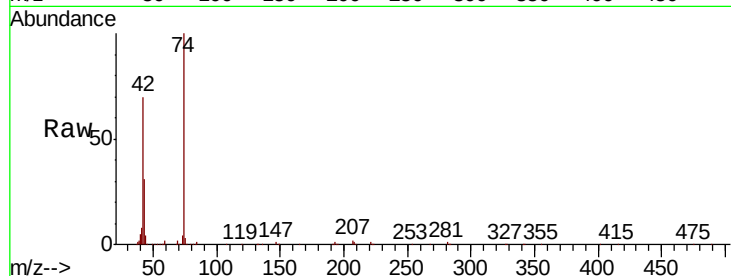
n-Nitrosodimethylamine
 Concen: 7.011 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.12 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	142.0	110.0	165.0
44	6.3	5.6	8.4

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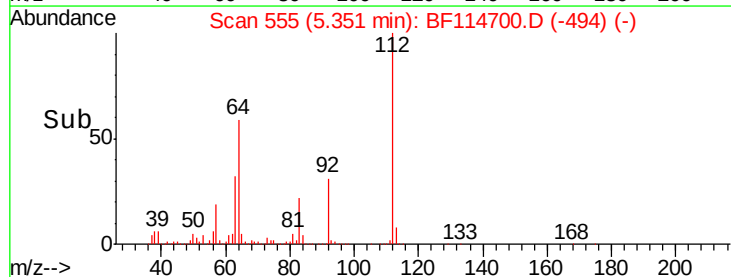
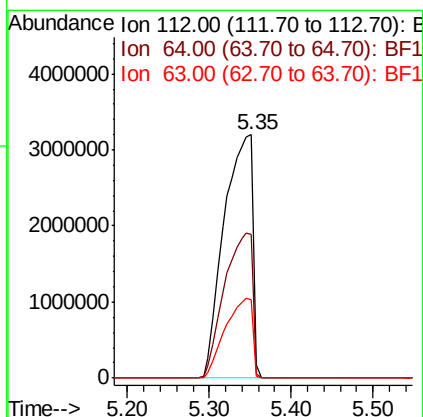
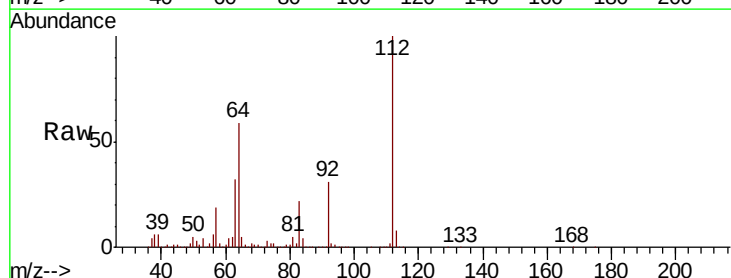
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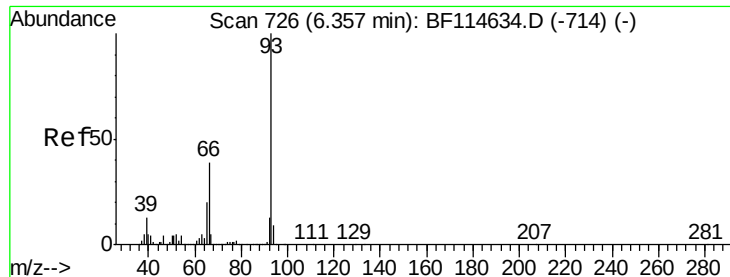


#5

2-Fluorophenol
 Concen: 87.142 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.06 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.1	69.1
63	32.0	23.4	35.2





#6

Aniline

Concen: 4.136 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

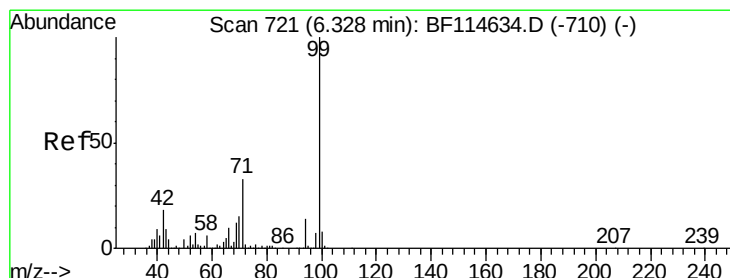
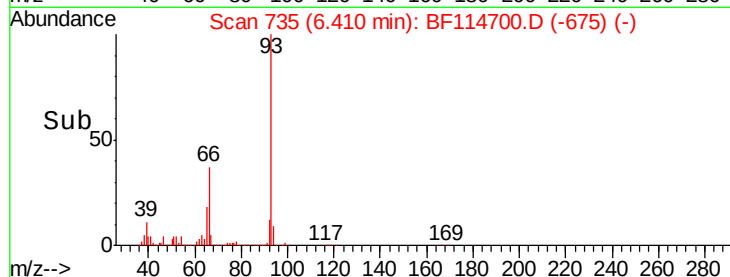
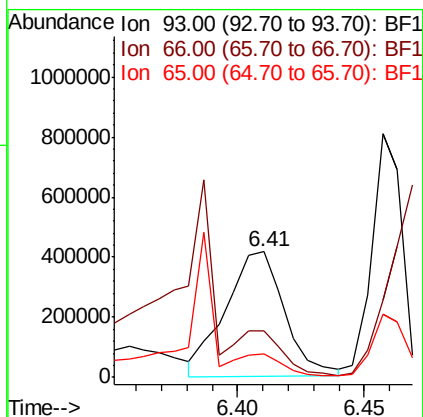
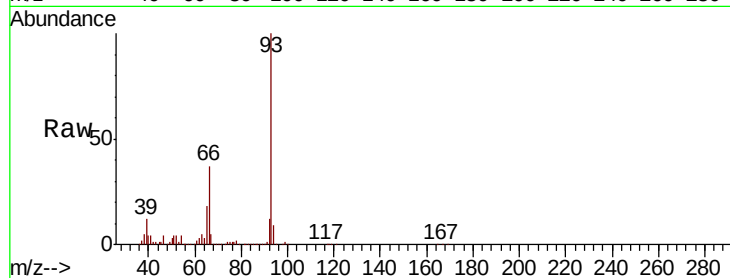
ClientSampled :

PB120137BS

Tot Ion:	93	Resp:	672979
Ion	Ratio	Lower	Upper
93	100		
66	36.8	31.4	47.2
65	18.5	16.2	24.2

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#7

Phenol-d6

Concen: 88.104 ng

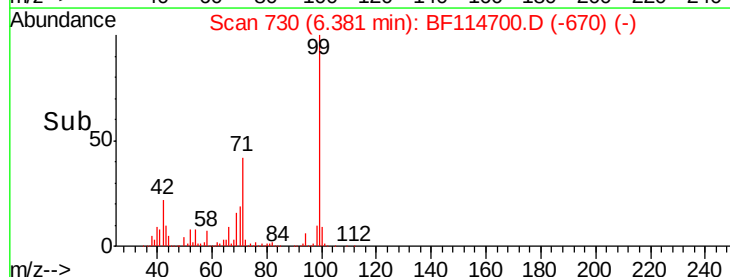
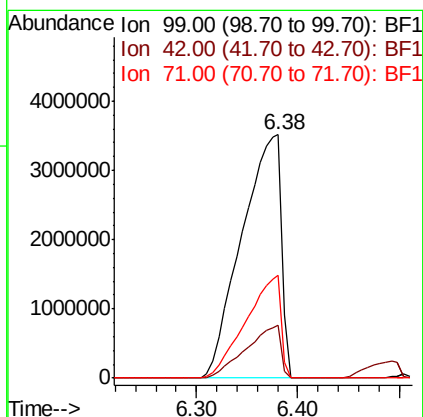
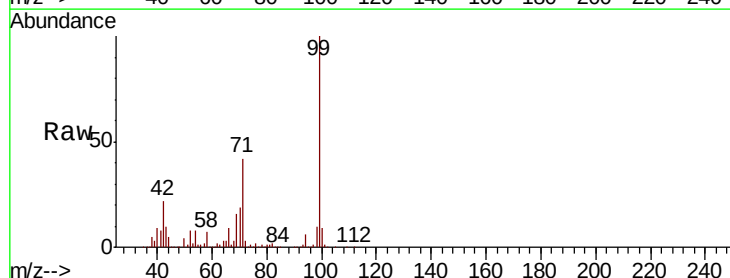
RT: 6.38 min Scan# 730

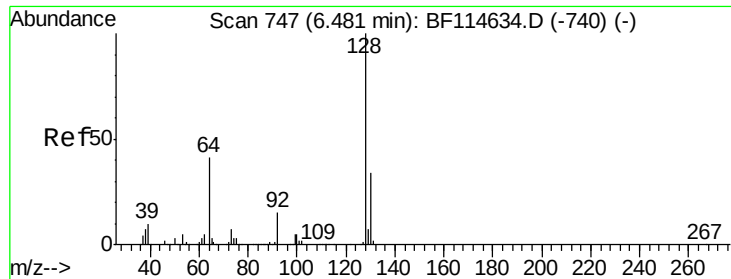
Delta R.T. 0.05 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:	99	Resp:	9490714
Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.7	22.1
71	42.2	26.6	40.0#





#8

2-Chlorophenol

Concen: 6.818 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

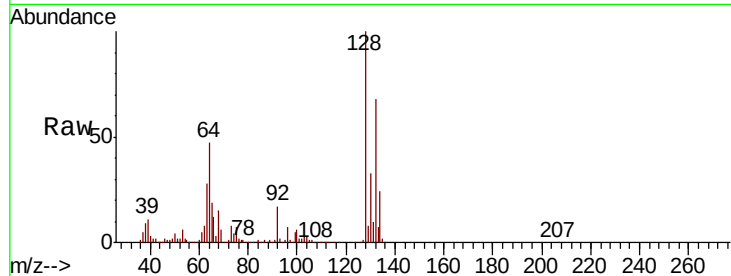
ClientSampled :

PB120137BS

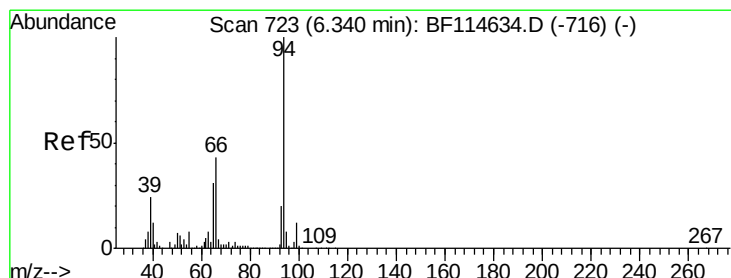
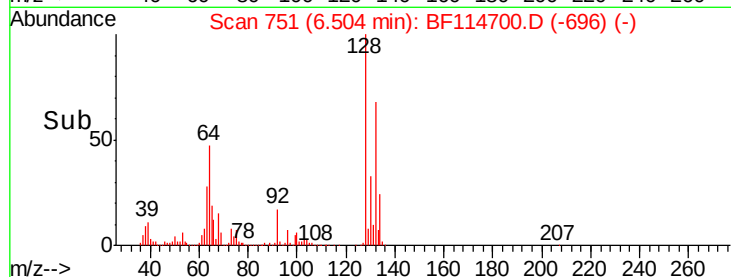
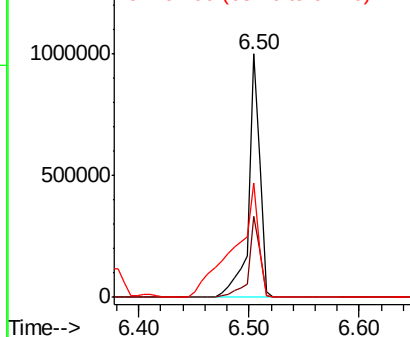
Tot Ion:	128	Resp:	703891
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.9	53.9
64	46.8	22.0	62.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



#10

Phenol

Concen: 6.833 ng

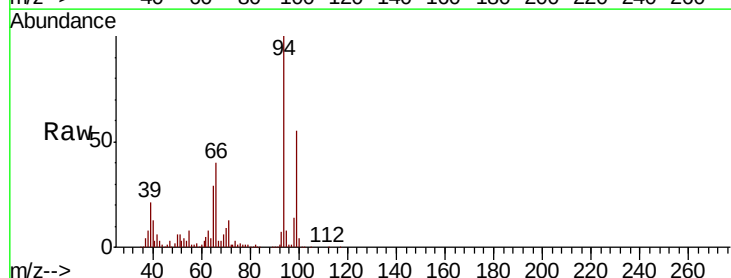
RT: 6.39 min Scan# 731

Delta R.T. 0.05 min

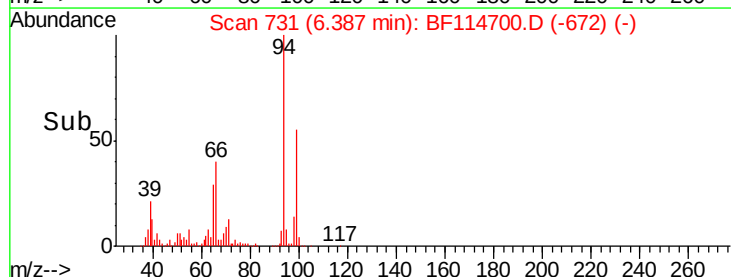
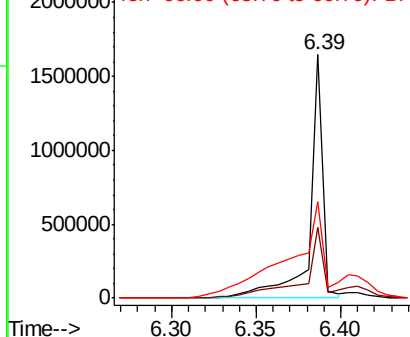
Lab File: BF114700.D

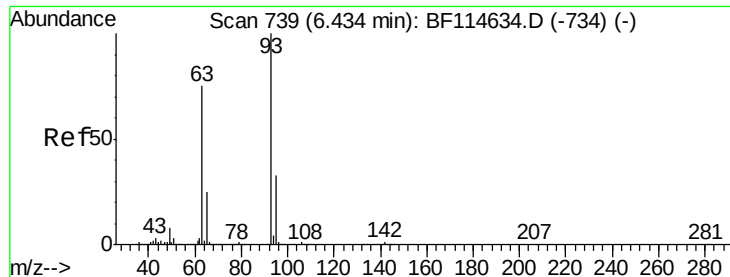
Acq: 31 May 2019 11:34

Tgt Ion:	94	Resp:	889182
Ion Ratio	Lower	Upper	
94	100		
65	29.2	11.0	51.0
66	39.9	23.0	63.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





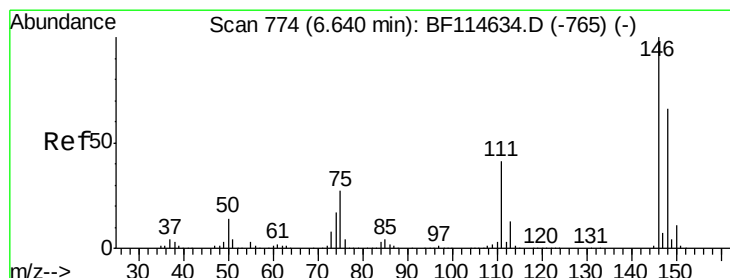
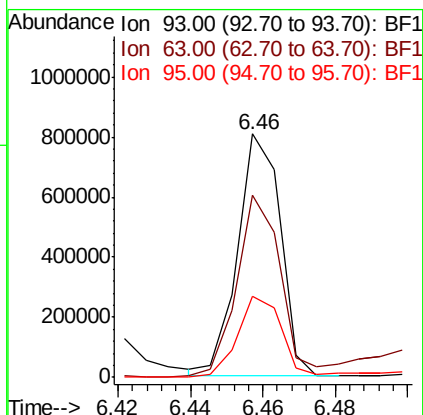
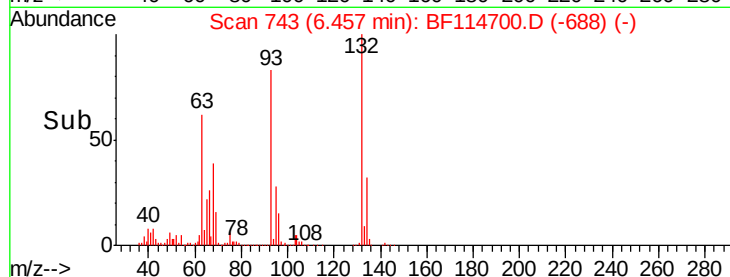
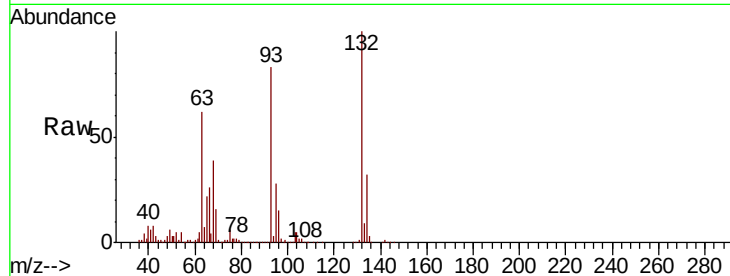
#11
bis(2-Chloroethyl)ether
Concen: 6.614 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion:	93	Resp:	658347
Ion Ratio	Lower	Upper	
93	100		
63	74.9	55.0	95.0
95	33.4	13.5	53.5

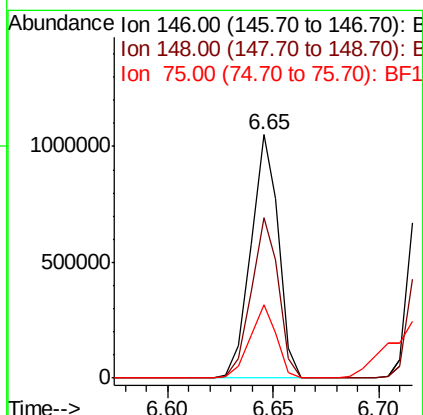
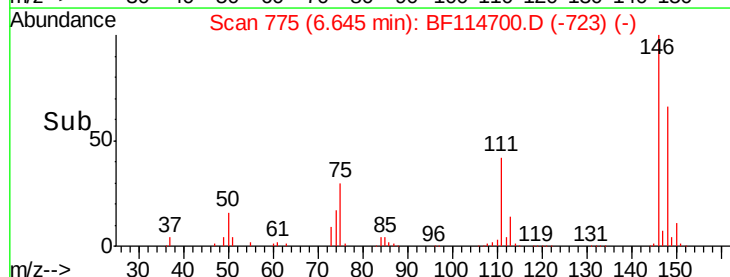
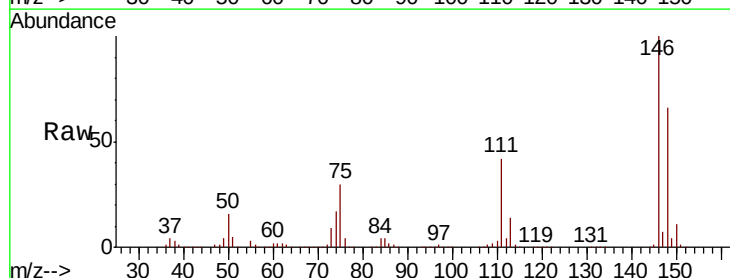
Manual Integrations
APPROVED

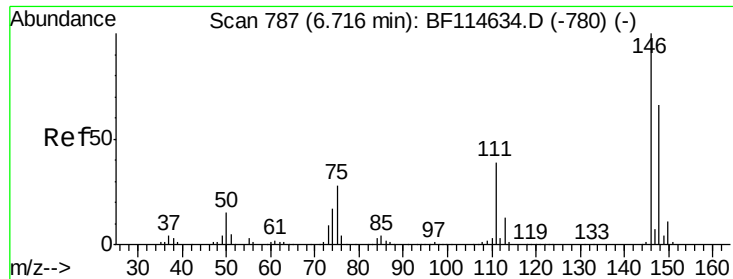
mohammad
6/3/2019 8:49:19 AM



#12
1,3-Dichlorobenzene
Concen: 8.070 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	146	Resp:	949163
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.9	79.3
75	29.9	22.0	33.0





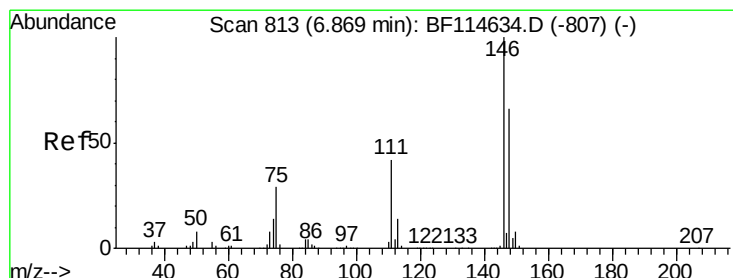
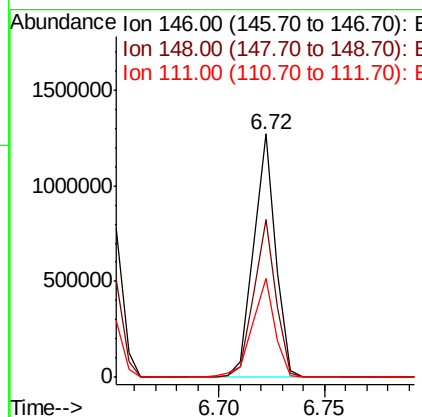
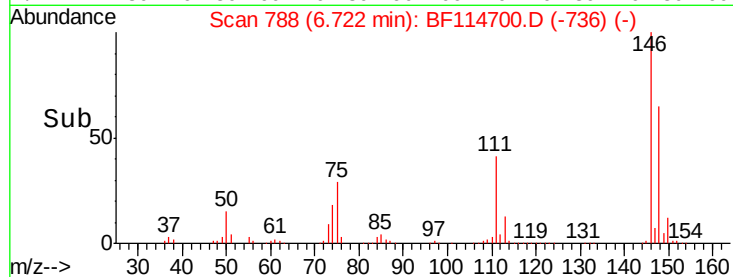
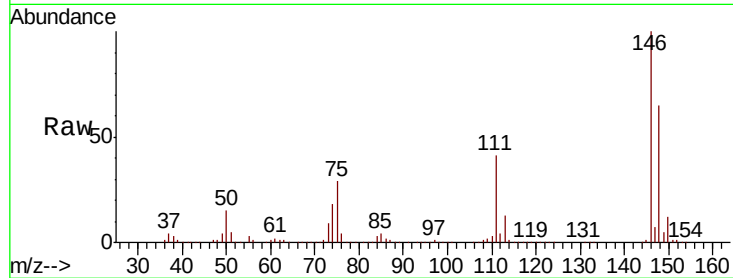
#13
1,4-Dichlorobenzene
Concen: 7.806 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.5	78.7
111	40.6	31.4	47.2

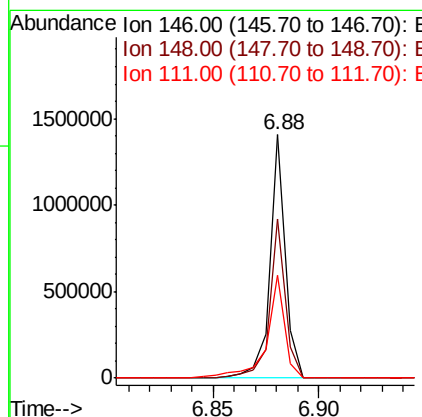
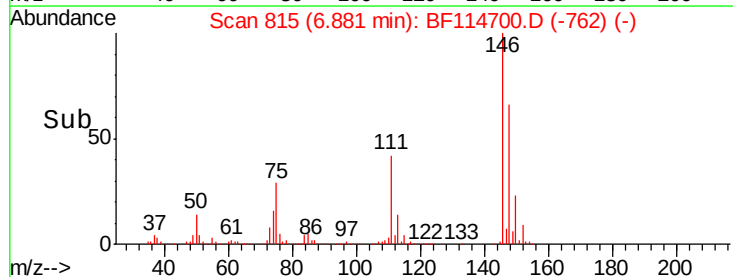
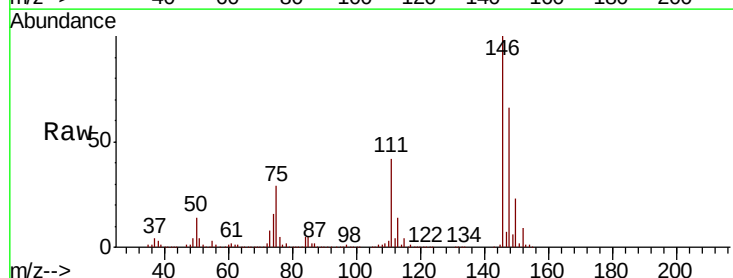
Manual Integrations
APPROVED

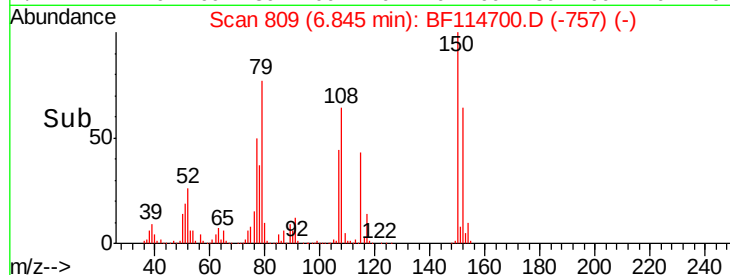
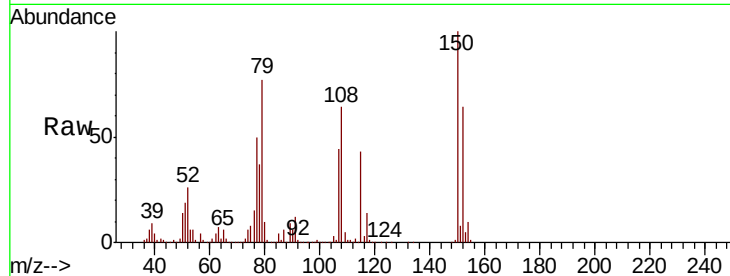
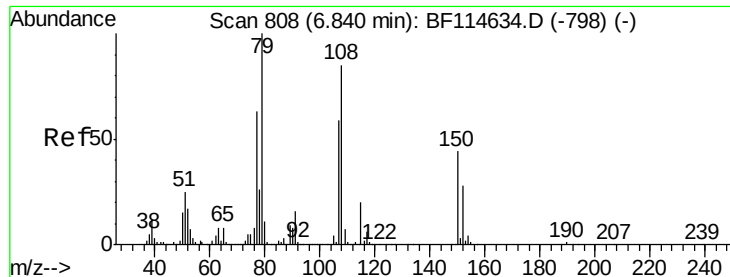
mohammad
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#14
1,2-Dichlorobenzene
Concen: 6.692 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	79.0
111	42.5	34.1	51.1





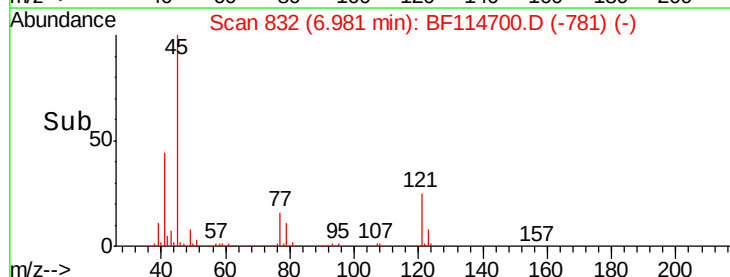
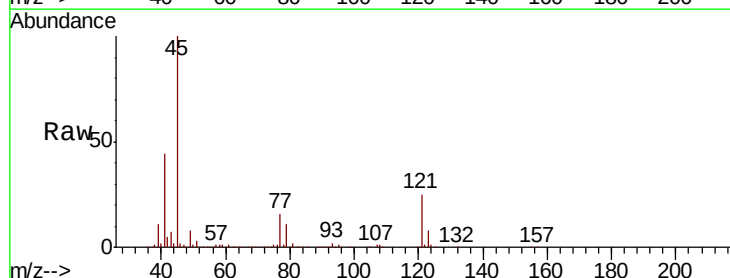
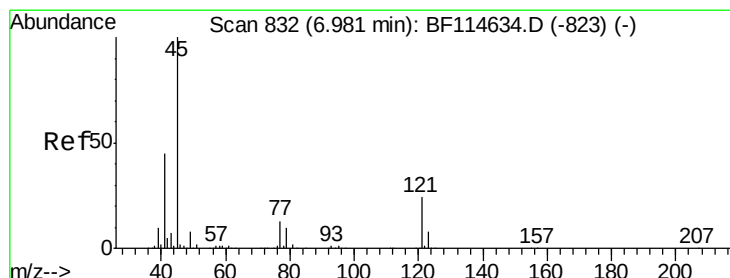
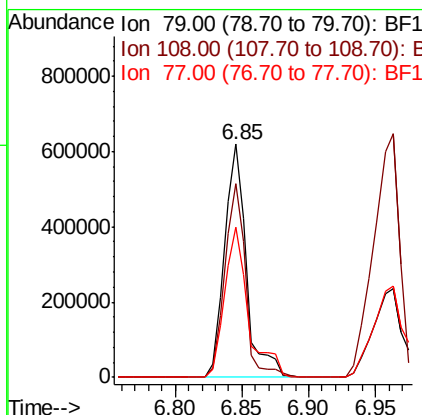
#15
Benzyl Alcohol
Concen: 8.483 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.2	67.8	101.8	
77	64.5	50.7	76.1	

Instrument :
BNA_F
ClientSampled :
PB120137BS

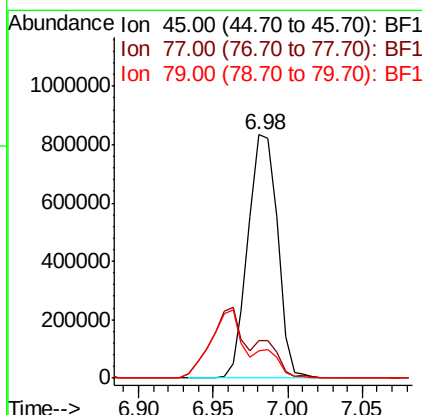
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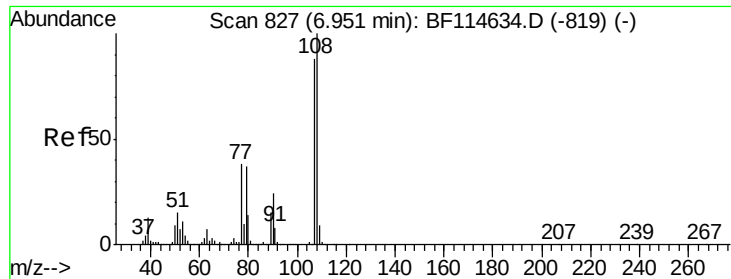
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.471 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.6	0.0	34.7	
79	11.3	0.0	31.3	





#17

2-Methylphenol

Concen: 8.622 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

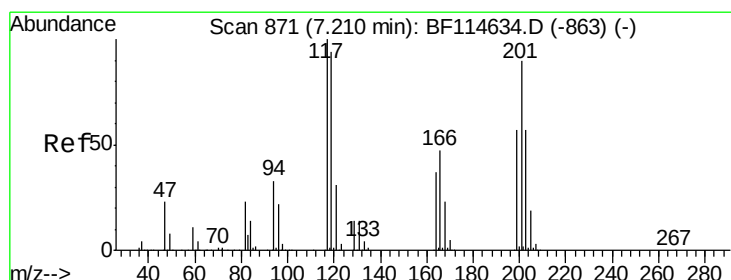
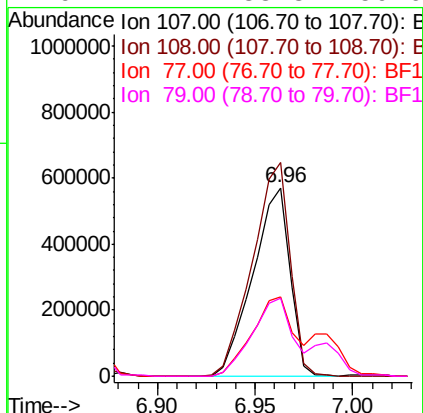
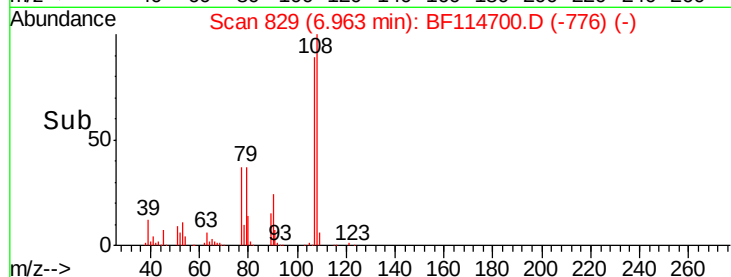
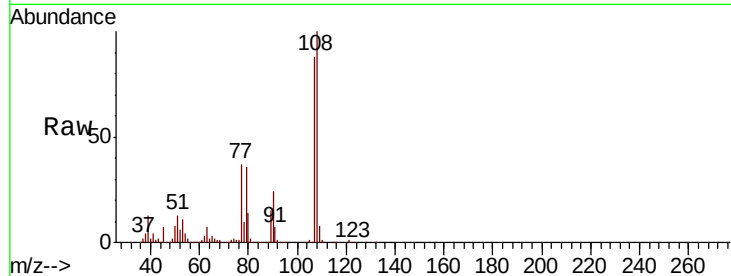
ClientSampled :

PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.1	136.7	
77	42.3	34.9	52.3	
79	41.2	33.8	50.6	

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#18

Hexachloroethane

Concen: 7.815 ng

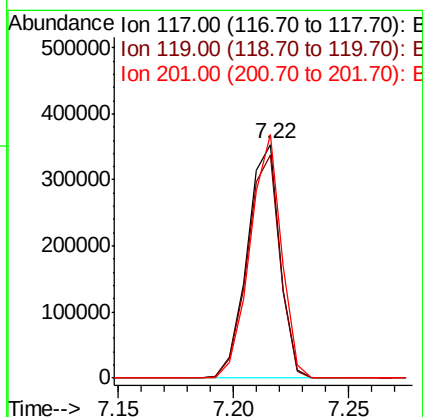
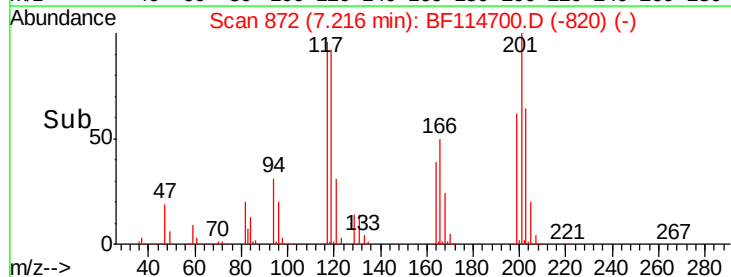
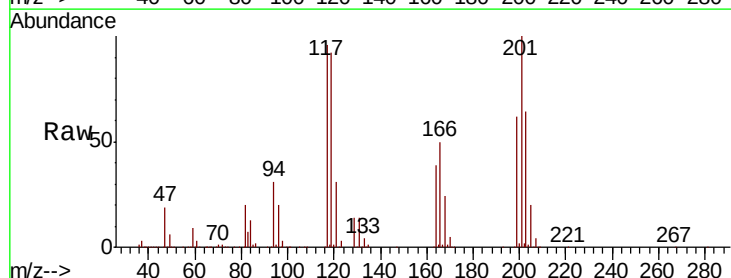
RT: 7.22 min Scan# 872

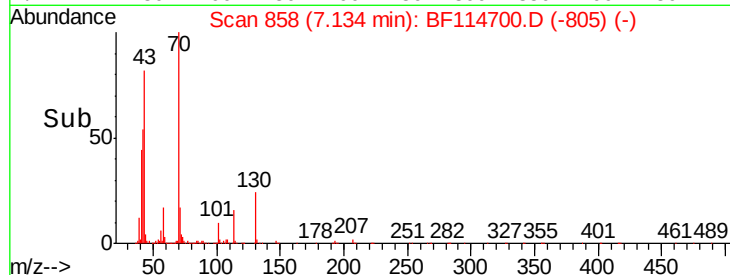
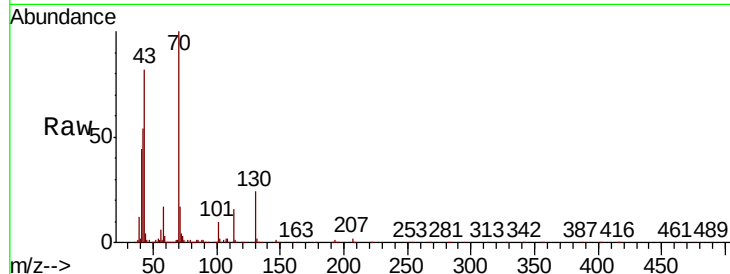
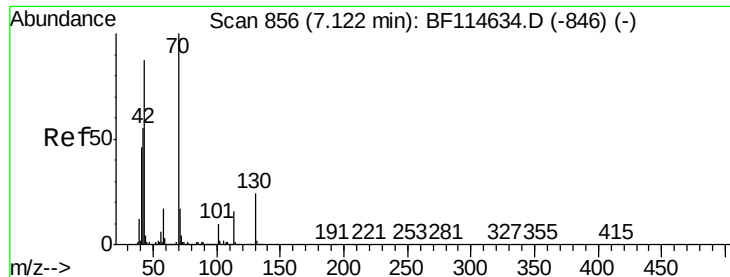
Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.6	113.4	
201	104.3	71.7	107.5	





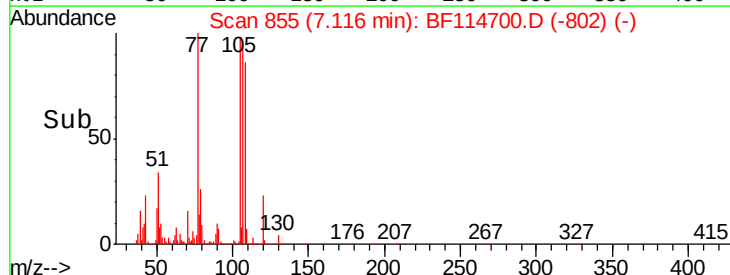
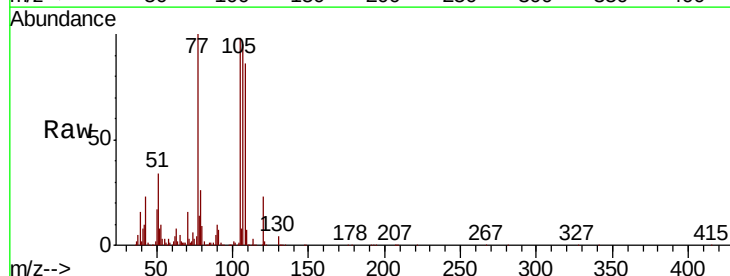
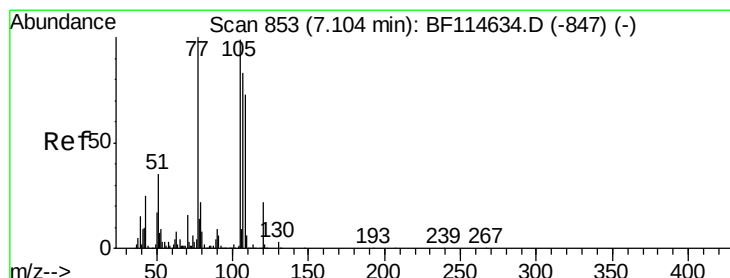
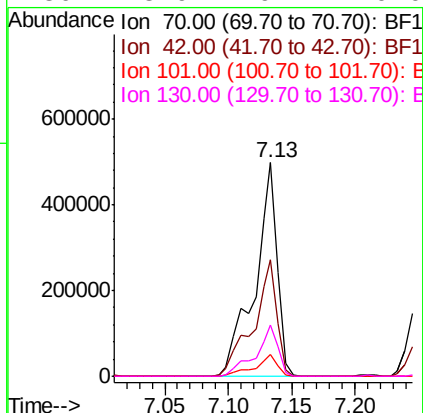
#19
n-Nitroso-di-n-propylamine
Concen: 8.303 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	44.4	66.6	
101	10.2	8.2	12.4	
130	23.9	19.4	29.0	

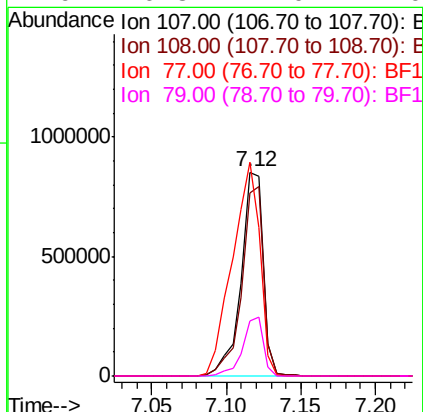
Manual Integrations
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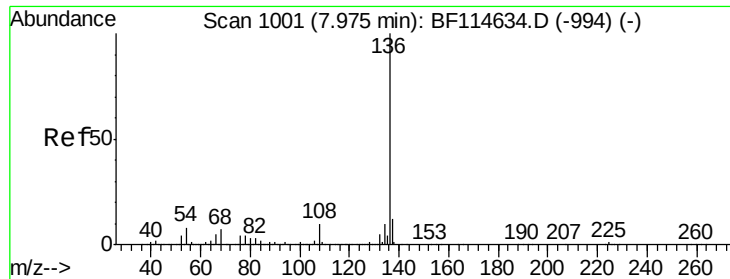
mohammad
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#20
3+4-Methylphenols
Concen: 8.524 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	68.6	108.6	
77	104.9	100.5	140.5	
79	26.8	7.0	47.0	





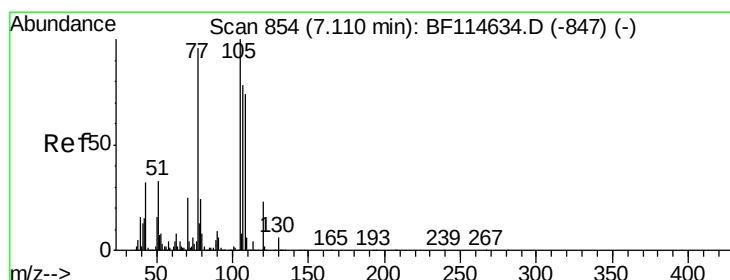
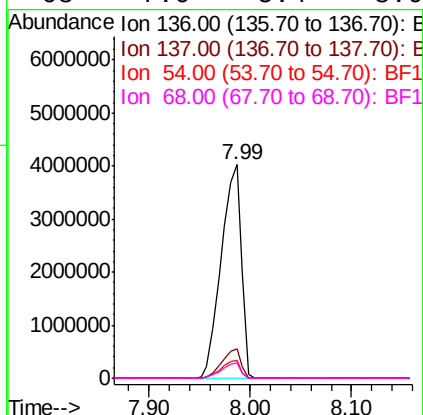
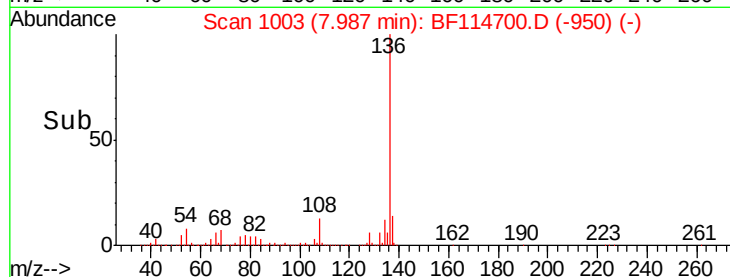
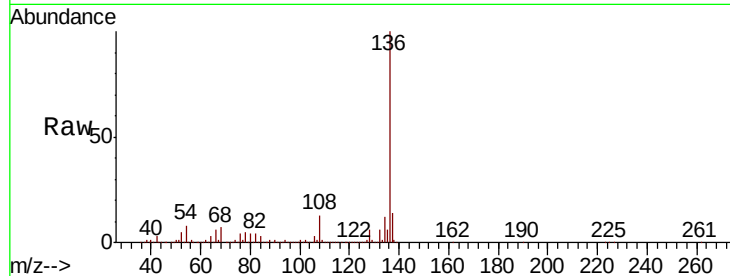
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	136	Resp	5571992
Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.3	13.9
54	8.5	6.3	9.5
68	7.0	5.4	8.0

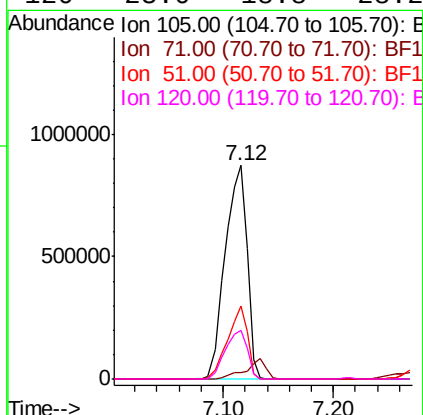
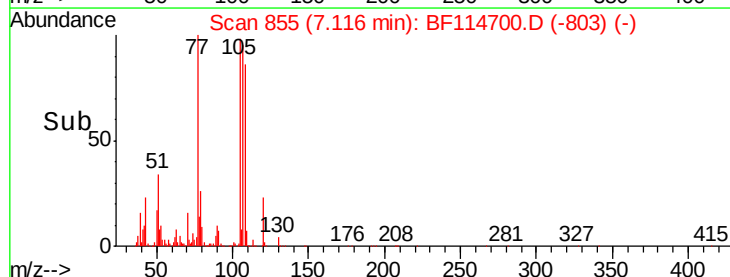
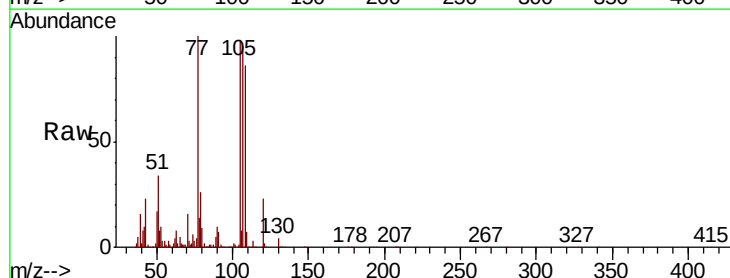
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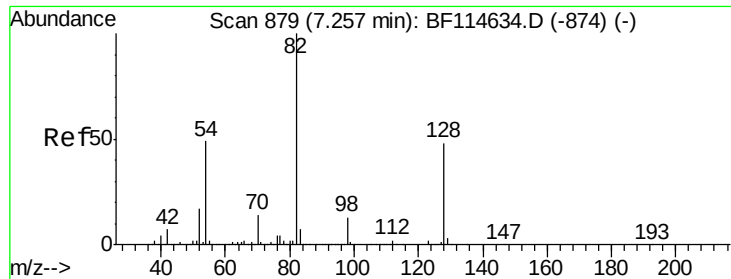
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#22
Acetophenone
Concen: 10.221 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	105	Resp	1213468
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.6	5.4#
51	34.3	26.0	39.0
120	23.0	18.8	28.2





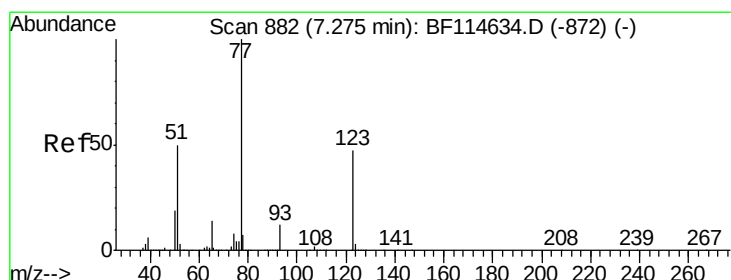
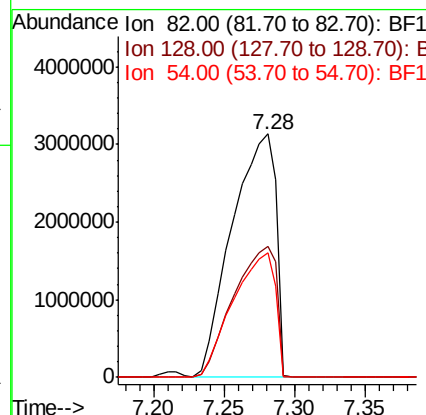
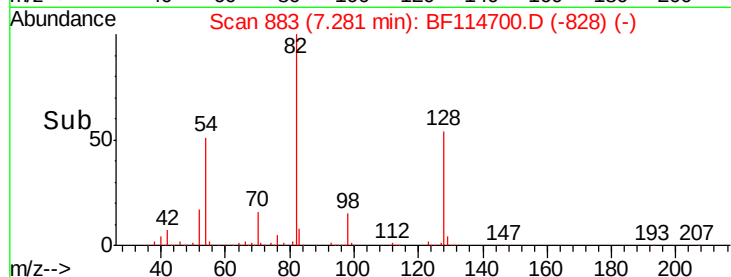
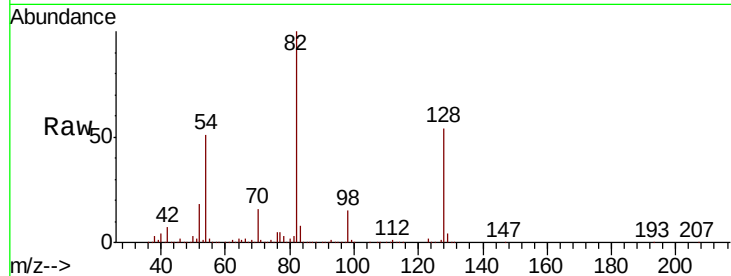
#23
 Nitrobenzene-d5
 Concen: 76.380 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.02 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampled :
 PB120137BS

Tot Ion: 82 Resp: 6821481
 Ion Ratio Lower Upper
 82 100
 128 54.1 38.5 57.7
 54 51.3 39.1 58.7

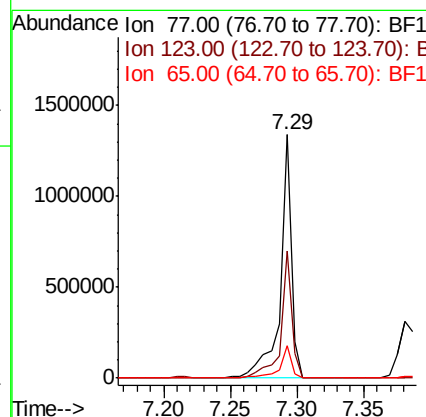
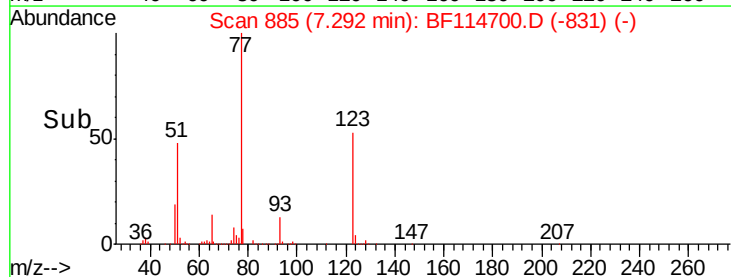
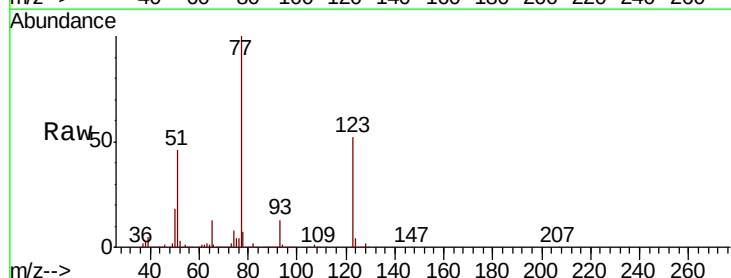
Manual Integrations
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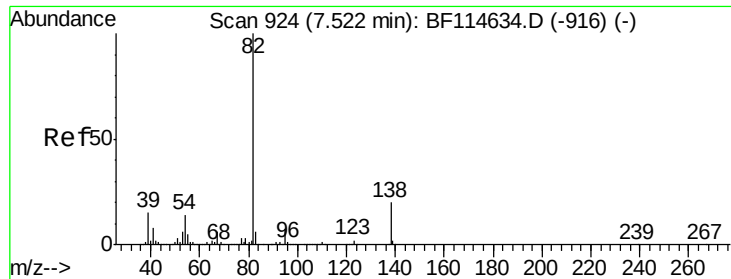
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#24
 Nitrobenzene
 Concen: 8.337 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.02 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion: 77 Resp: 790937
 Ion Ratio Lower Upper
 77 100
 123 52.3 38.5 57.7
 65 13.2 11.2 16.8





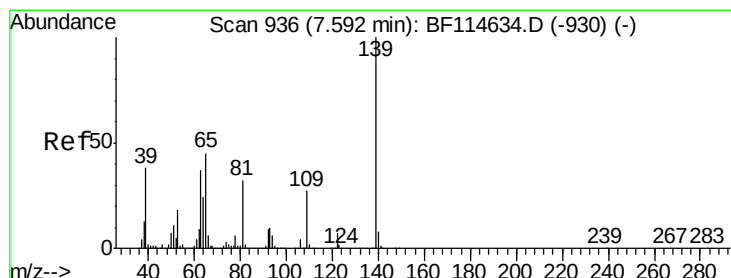
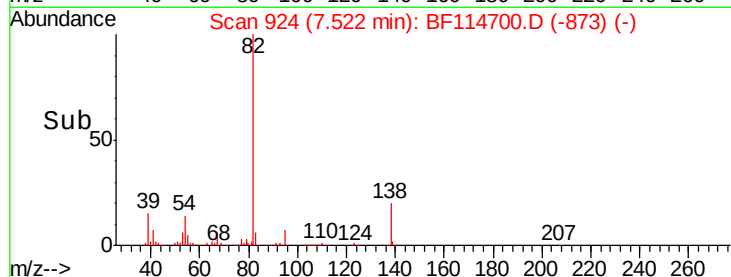
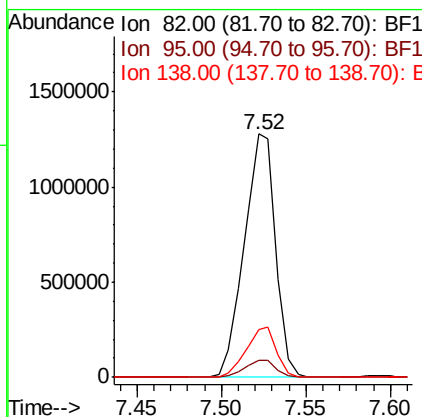
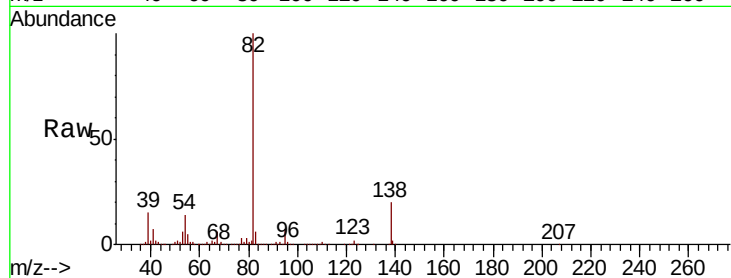
#25
Isophorone
Concen: 9.191 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.7	15.9	23.9

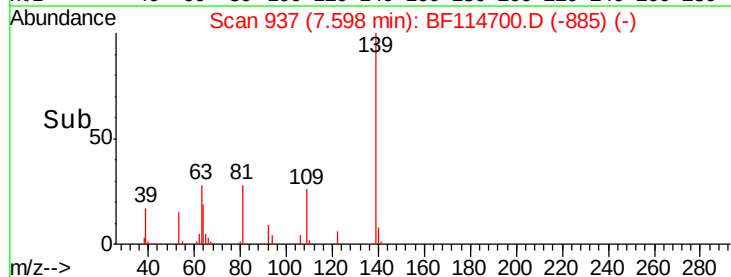
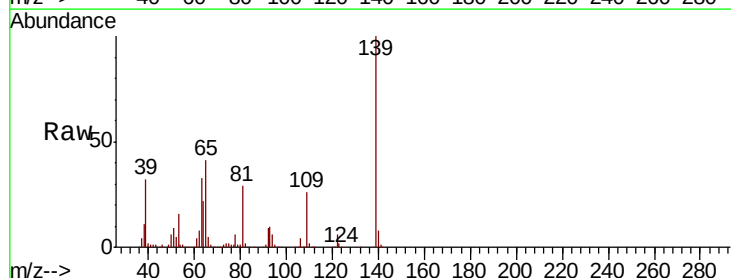
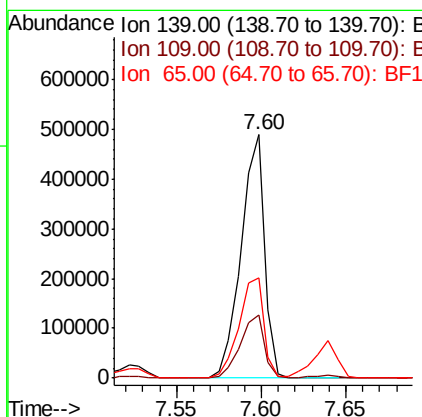
Manual Integrations
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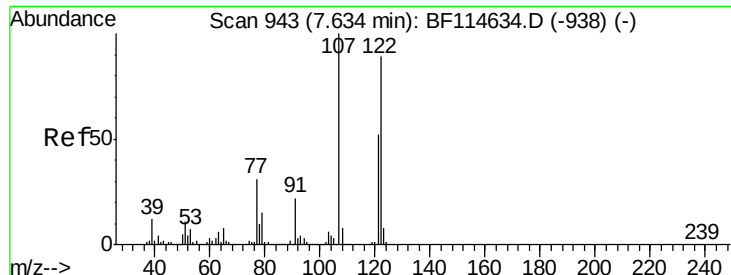
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#26
2-Nitrophenol
Concen: 10.322 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.7	32.5
65	41.2	36.3	54.5





#27

2,4-Dimethylphenol

Concen: 10.658 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

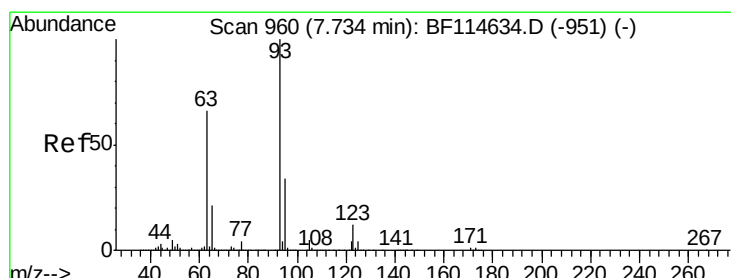
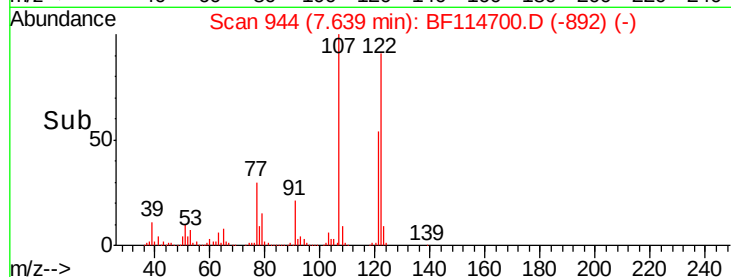
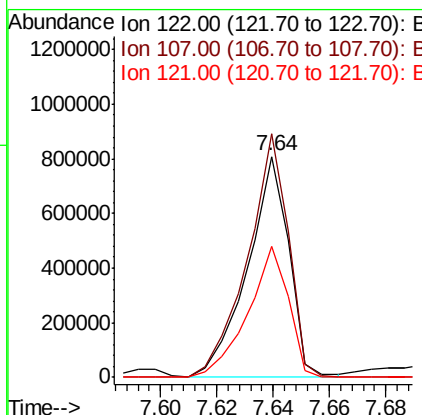
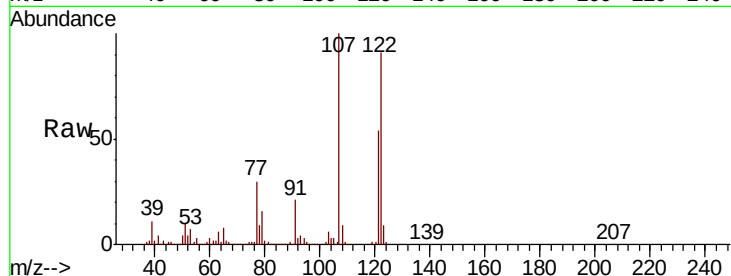
ClientSampleId :

PB120137BS

Tot Ion:	122	Resp:	818590
Ion Ratio	Lower	Upper	
122	100		
107	110.2	89.3	133.9
121	59.5	46.8	70.2

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 9.185 ng

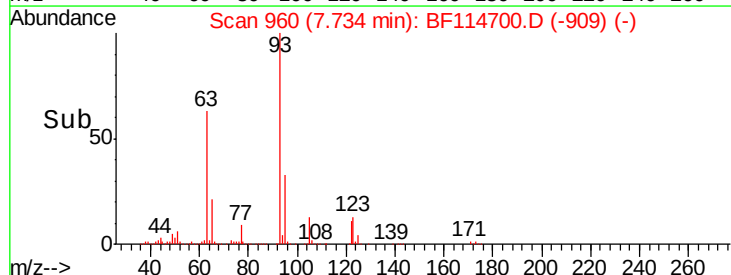
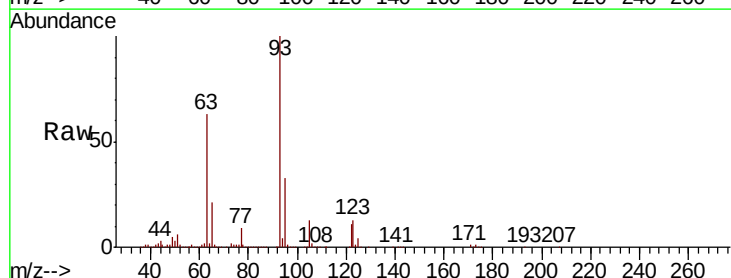
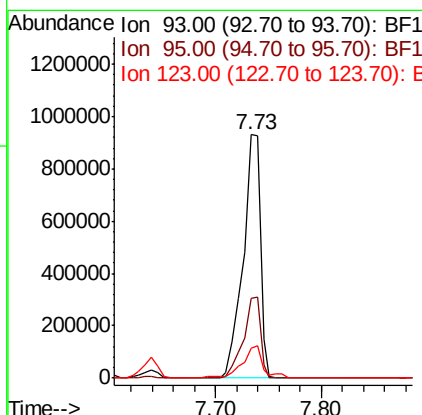
RT: 7.73 min Scan# 960

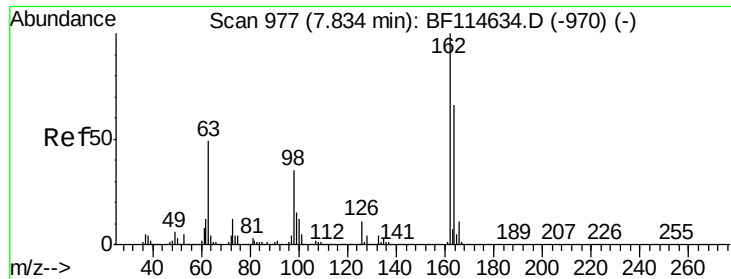
Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:	93	Resp:	1047918
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.0	40.4
123	12.5	10.2	15.2





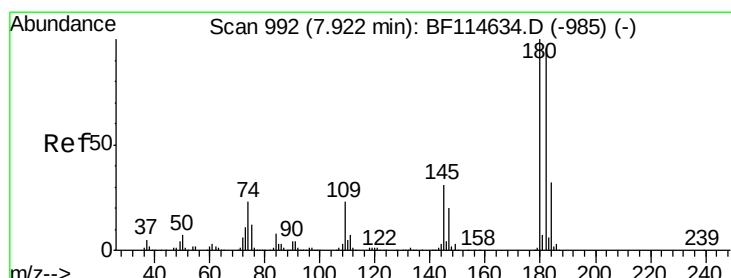
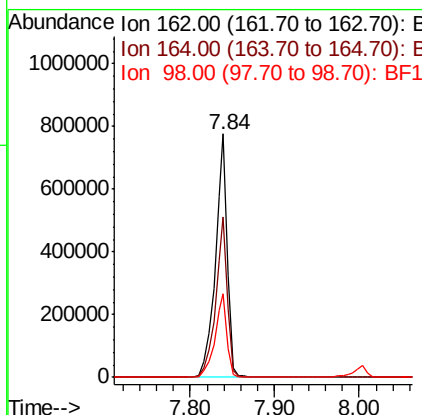
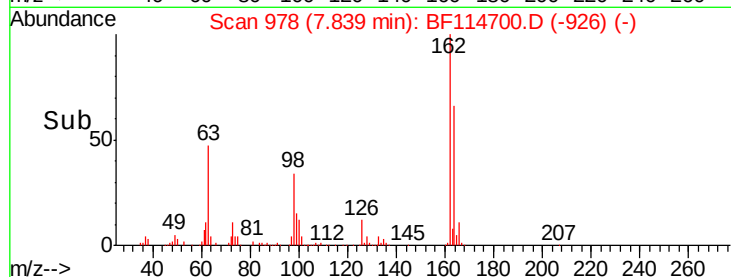
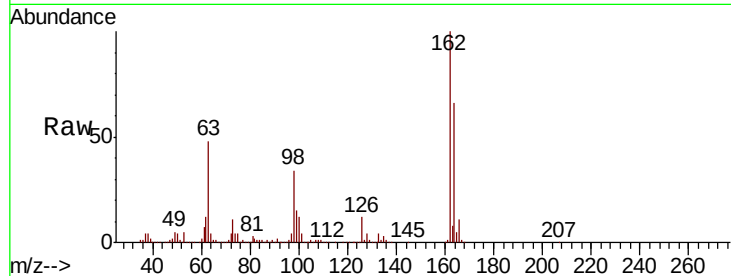
#29
2,4-Dichlorophenol
Concen: 10.015 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		782901		
164	65.8	45.8	85.8		
98	34.5	14.9	54.9		

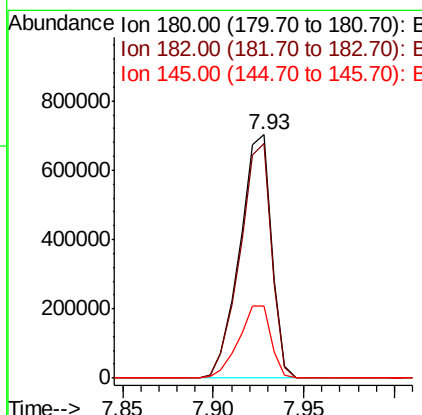
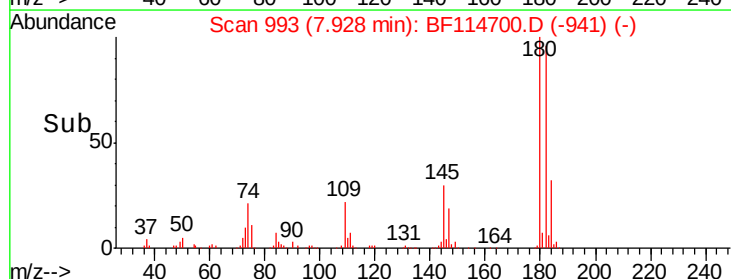
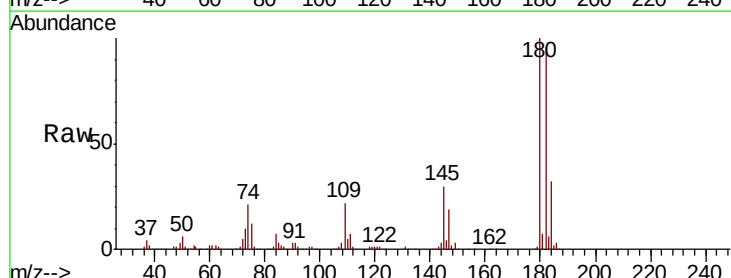
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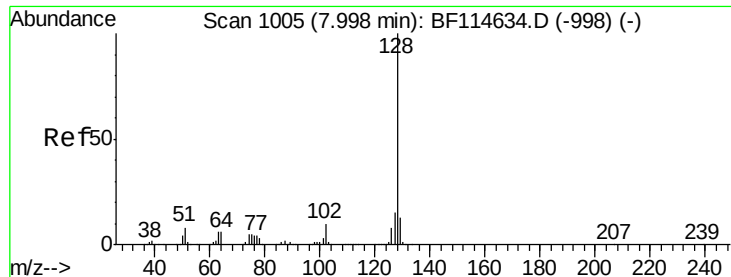
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 9.581 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		853360		
182	96.2	76.9	115.3		
145	29.5	24.5	36.7		





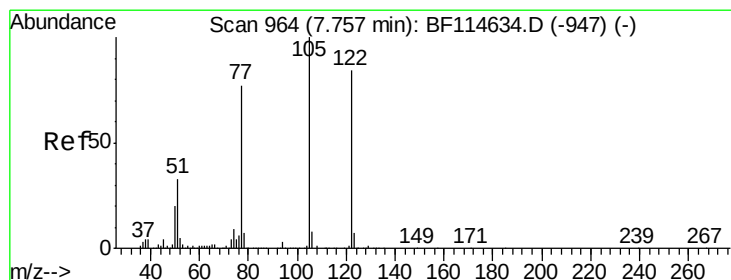
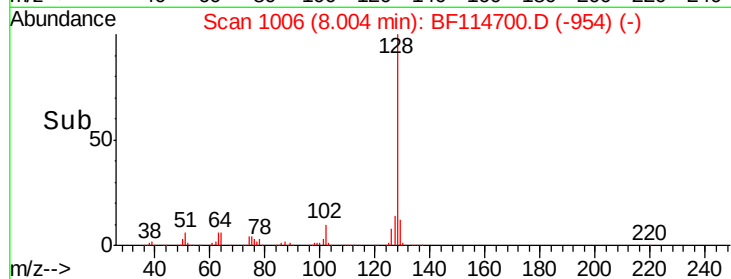
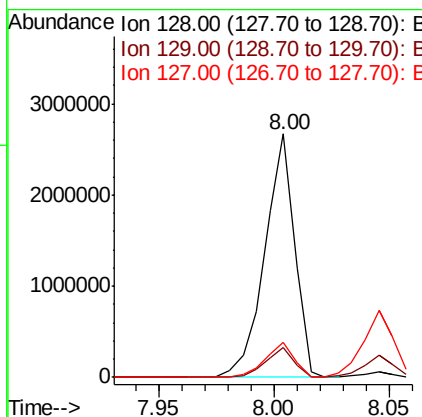
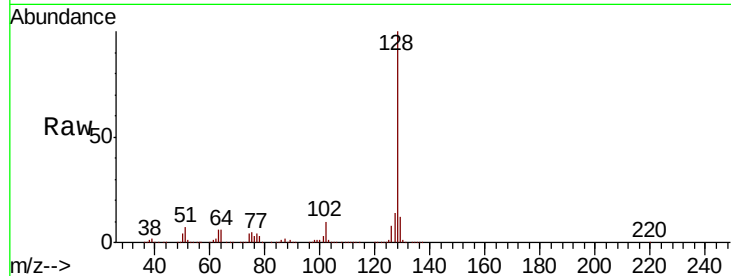
#31
Naphthalene
Concen: 9.363 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.2	15.2
127	14.4	11.9	17.9

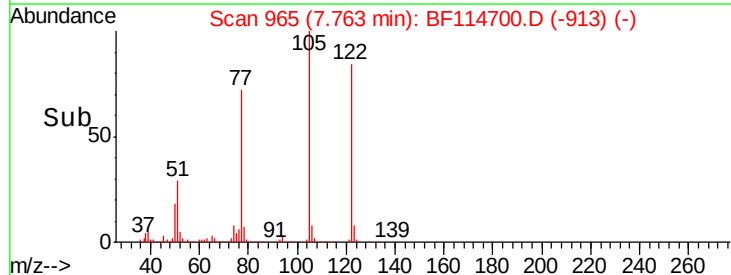
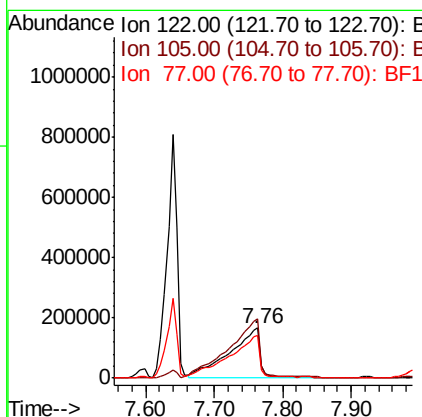
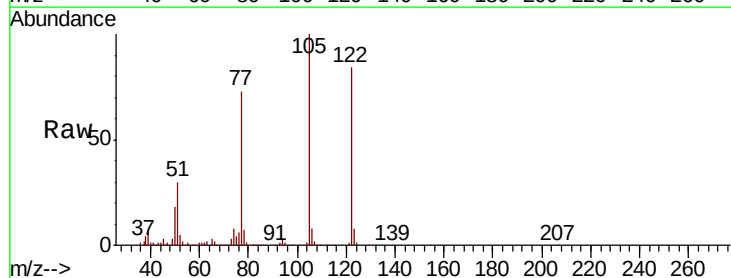
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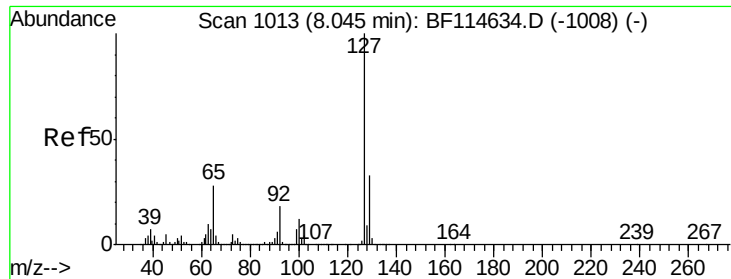
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#32
Benzoic acid
Concen: 10.376 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	98.3	138.3
77	86.7	70.7	110.7





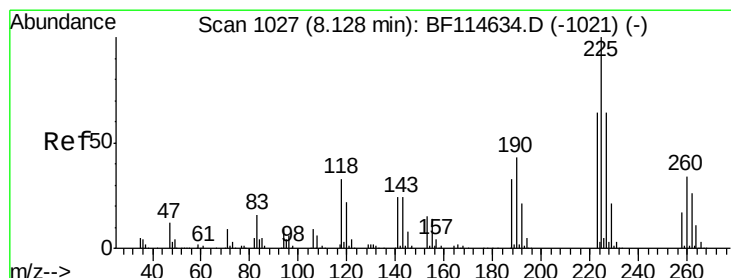
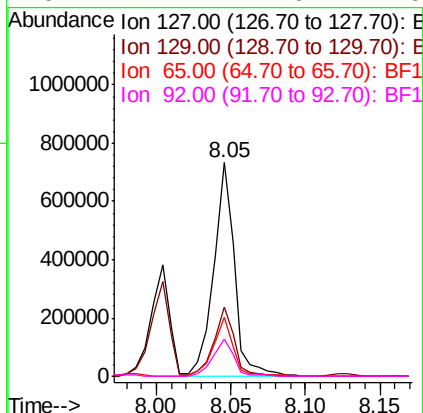
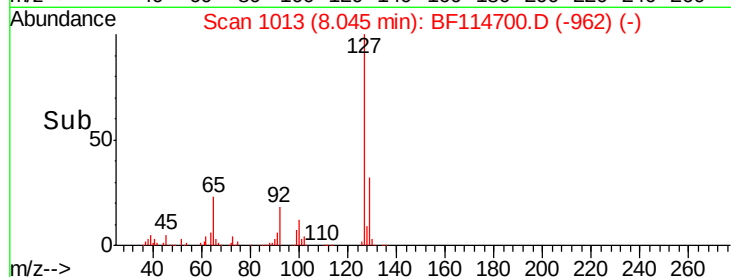
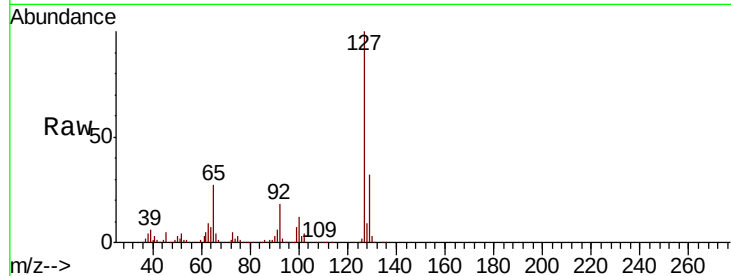
#33
4-Chloroaniline
Concen: 5.781 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		706848		
129	32.4	26.7	40.1		
65	27.4	22.5	33.7		
92	17.7	14.6	22.0		

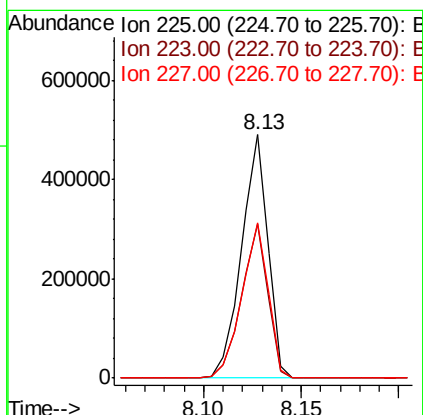
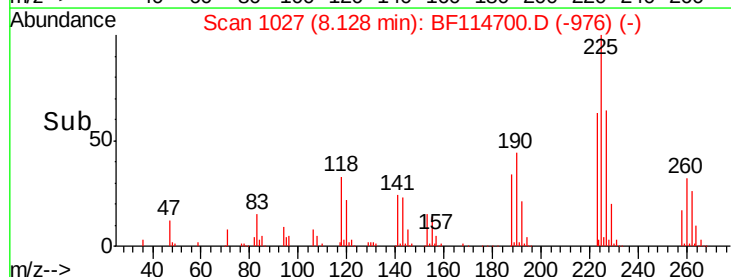
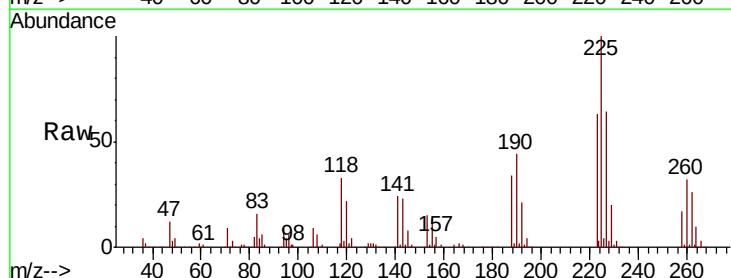
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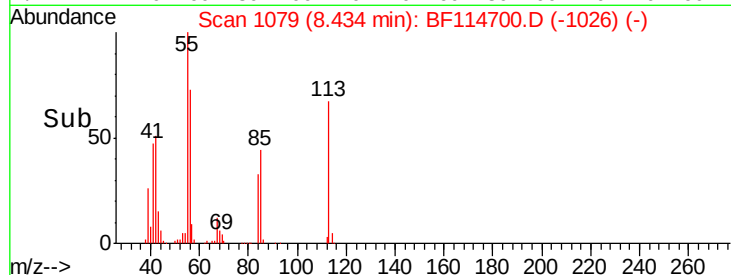
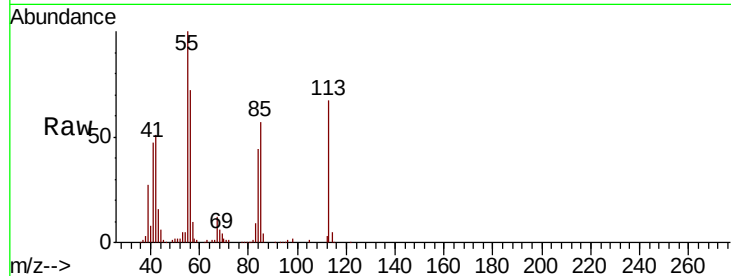
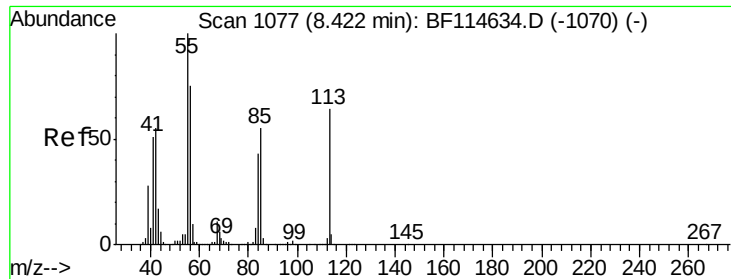
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#34
Hexachlorobutadiene
Concen: 9.255 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		457927		
223	63.1	50.9	76.3		
227	63.8	51.3	76.9		





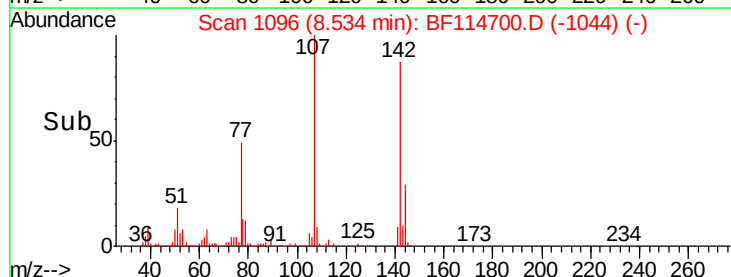
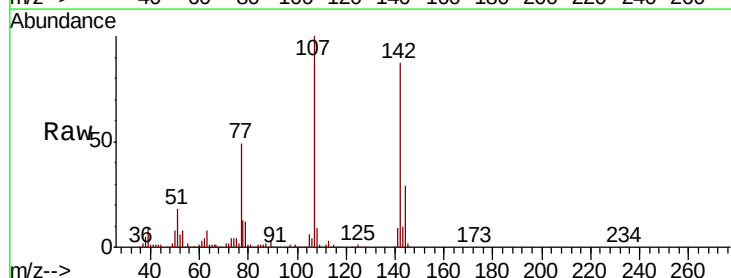
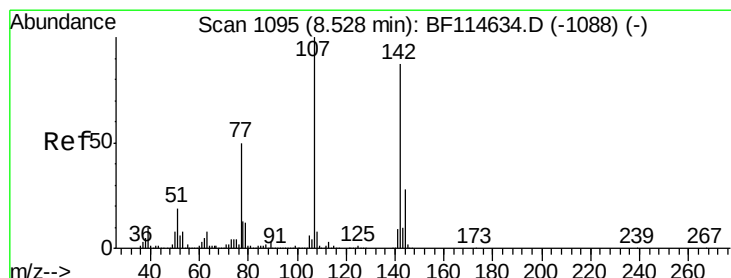
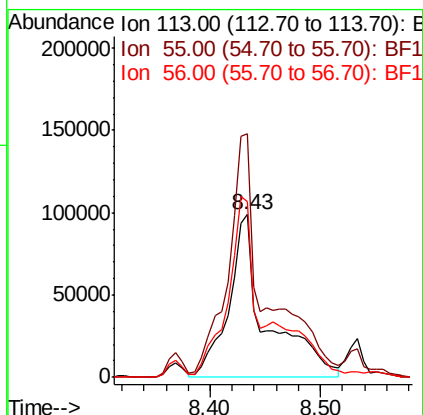
#35
Caprolactam
Concen: 8.908 ng
RT: 8.43 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.8	136.4	176.4
56	108.4	97.0	137.0

Instrument :
BNA_F
ClientSampled :
PB120137BS

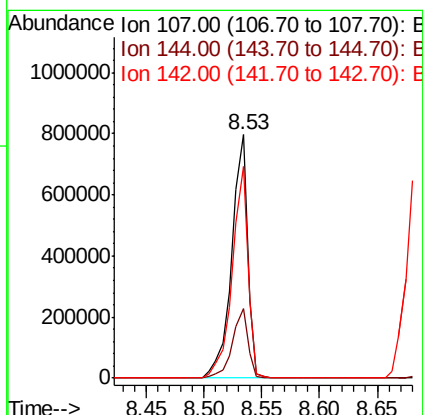
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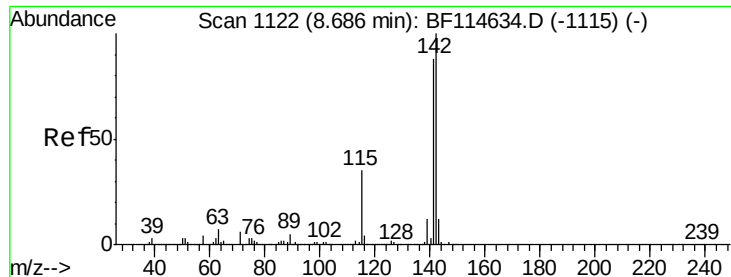
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#36
4-Chloro-3-methylphenol
Concen: 9.814 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.5	33.7
142	87.0	69.8	104.6





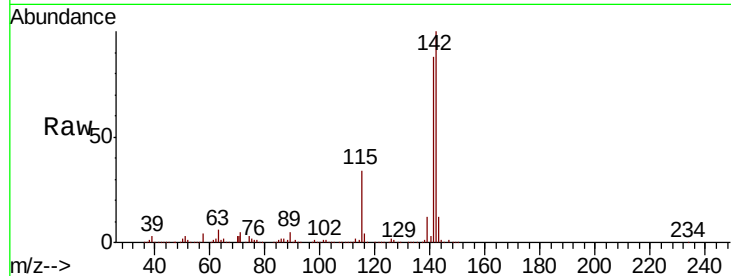
#37
2-Methylnaphthalene
Concen: 10.231 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.8	28.0	42.0

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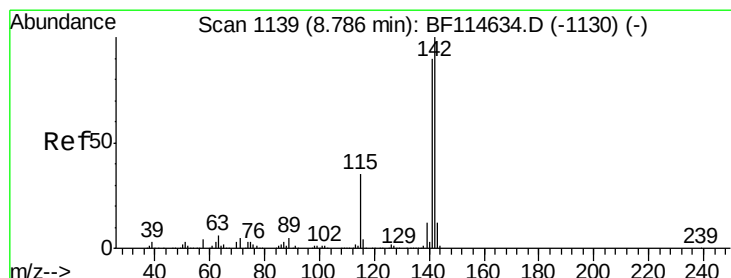
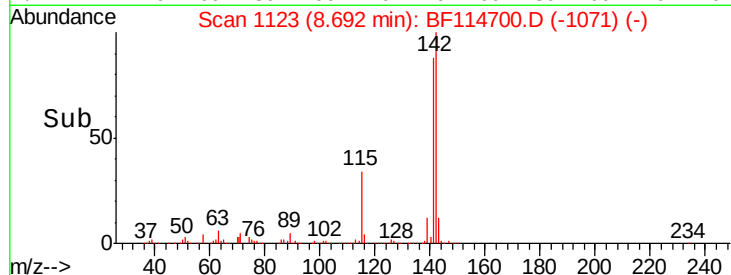
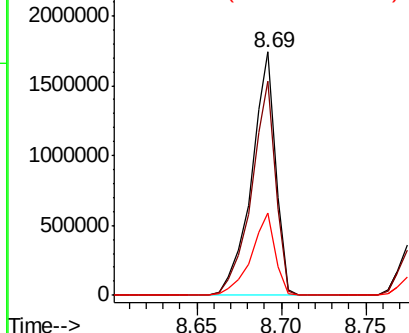


Abundance

Ion 142.00 (141.70 to 142.70): E

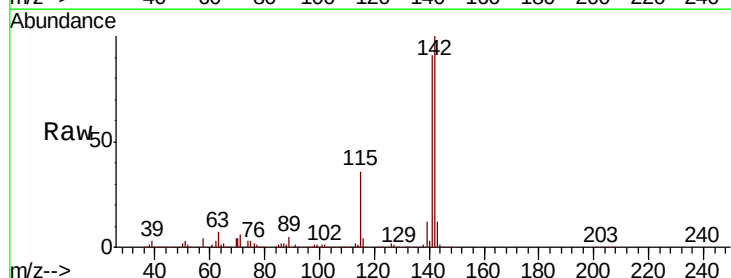
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 10.233 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	3.9	3.0	4.4

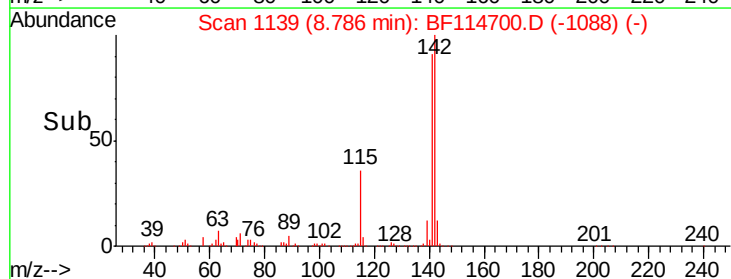
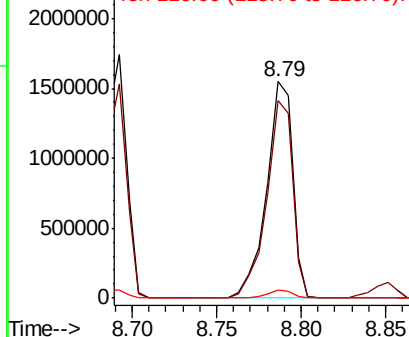


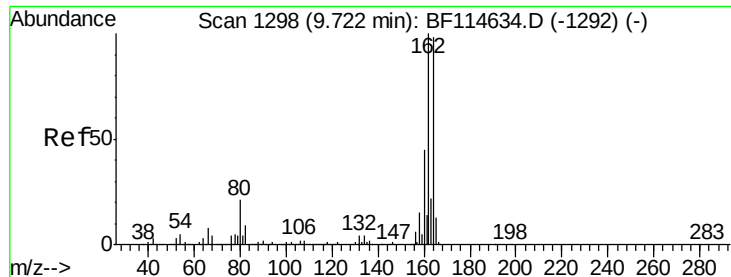
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





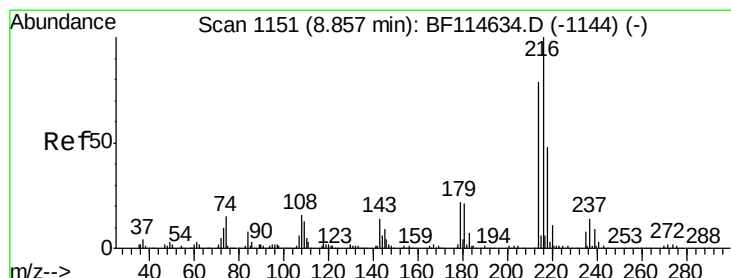
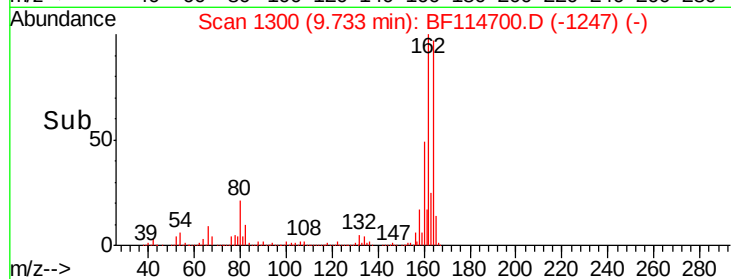
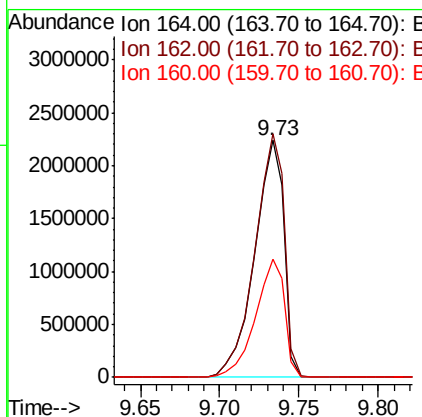
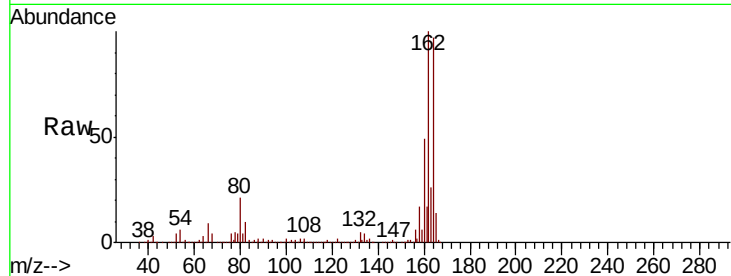
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.2
160	50.0	36.6	54.8

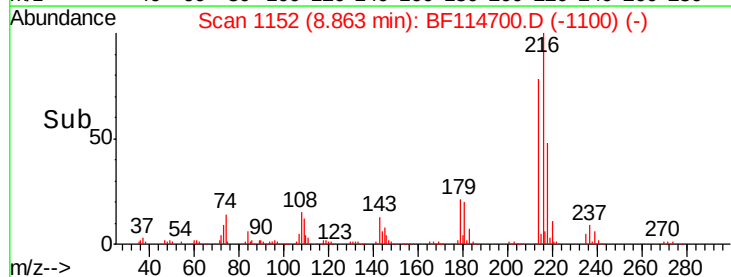
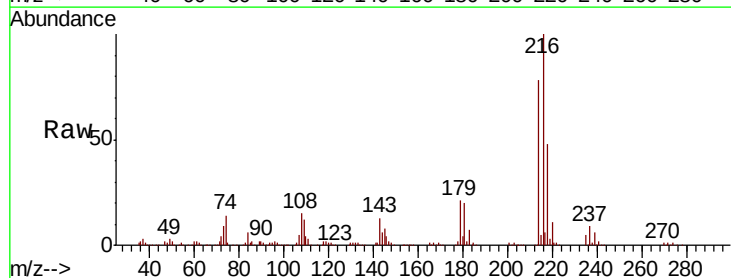
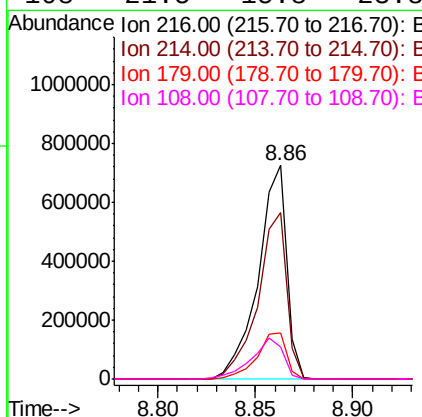
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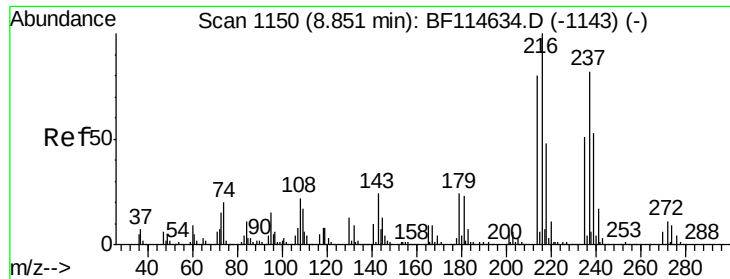
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.570 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.4	17.9	26.9
108	21.5	15.8	23.8





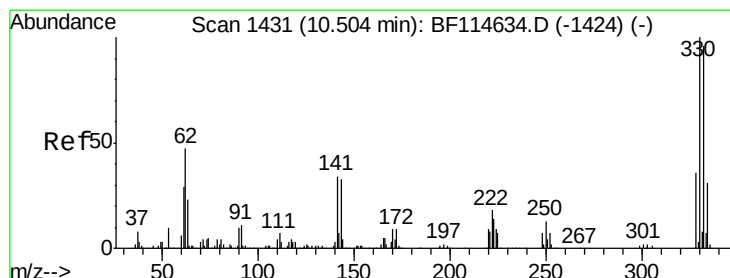
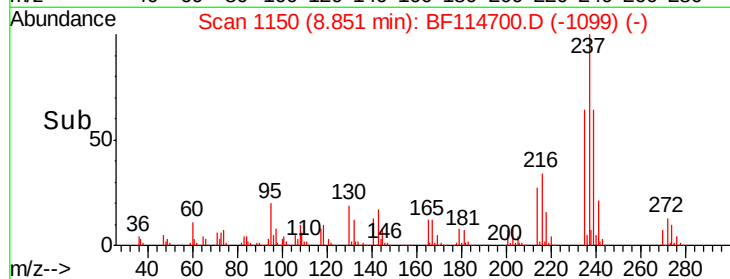
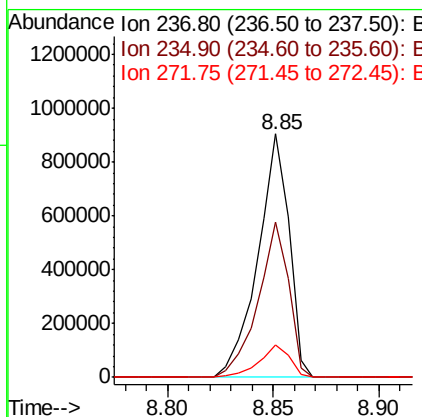
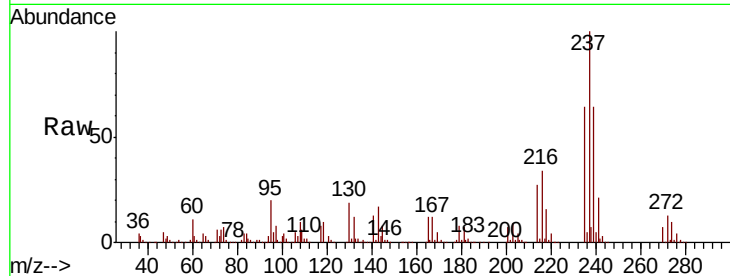
#41
 Hexachlorocyclopentadiene
 Concen: 18.274 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tot Ion:	237	Resp:	927517
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.8	82.8
272	13.4	0.0	33.7

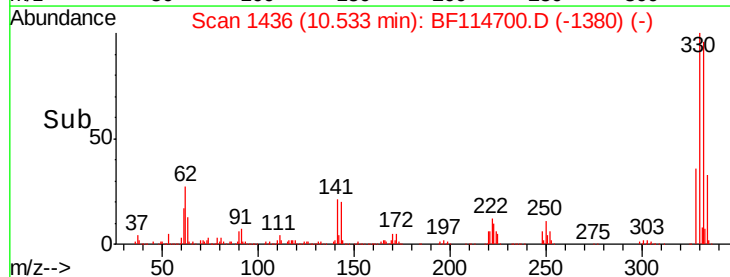
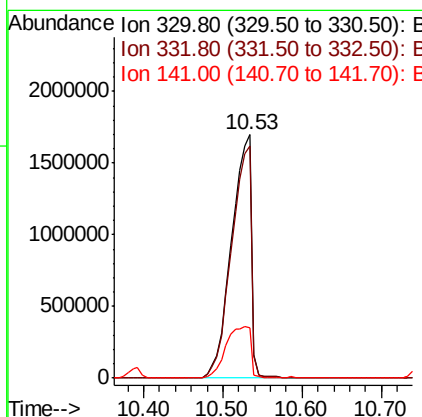
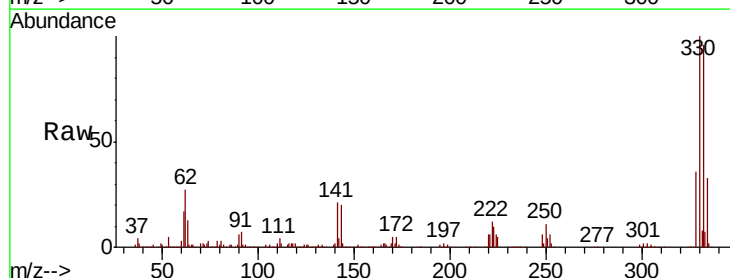
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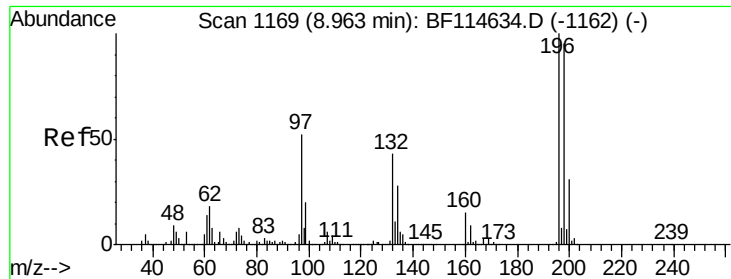
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#42
 2,4,6-Tribromophenol
 Concen: 107.541 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.03 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:	330	Resp:	2955447
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.8	113.8
141	26.6	27.8	41.8#





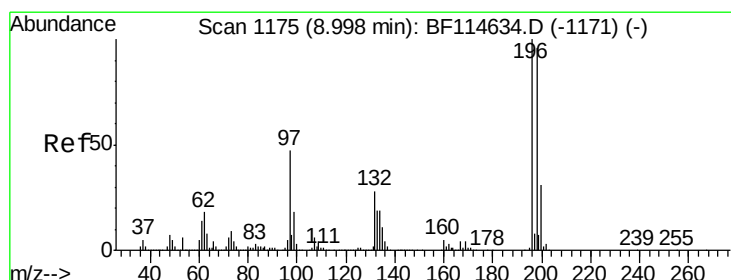
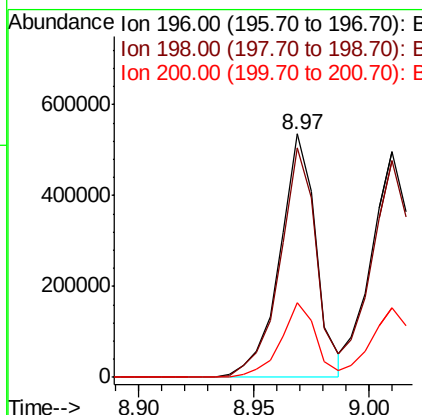
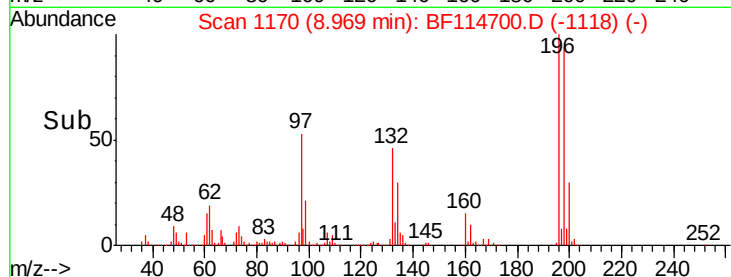
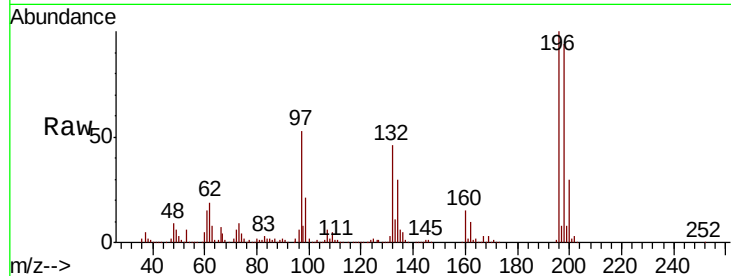
#43
 2,4,6-Trichlorophenol
 Concen: 9.645 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	582880		
198	94.3	76.1	114.1	
200	30.5	24.7	37.1	

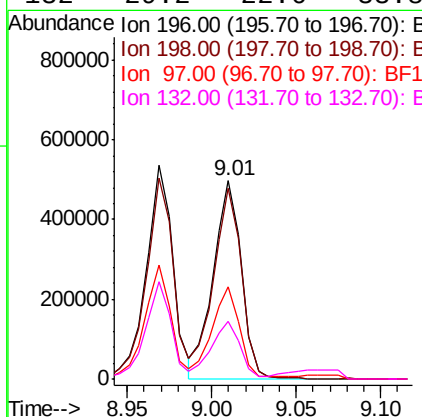
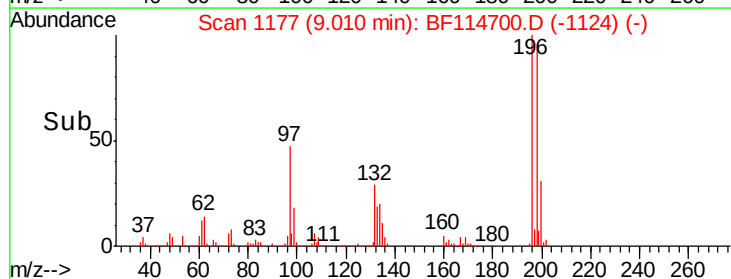
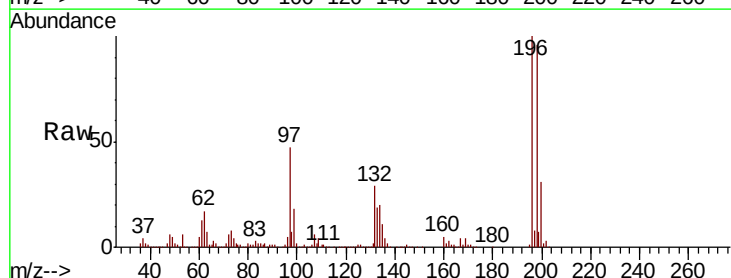
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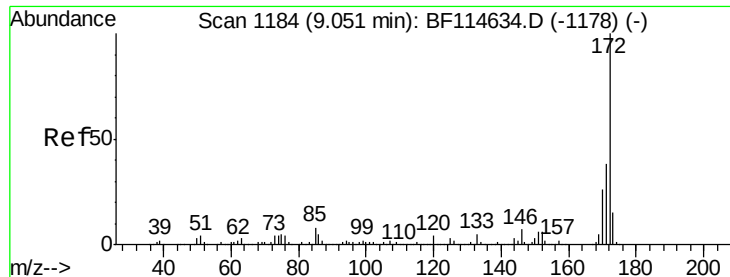
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#44
 2,4,5-Trichlorophenol
 Concen: 9.595 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	578651		
198	96.2	76.8	115.2	
97	46.9	37.8	56.8	
132	29.2	22.6	33.8	





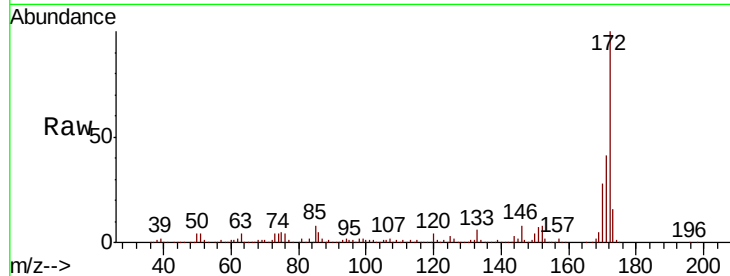
#45
2-Fluorobiphenyl
Concen: 49.327 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	30.6	45.8
170	28.0	20.7	31.1

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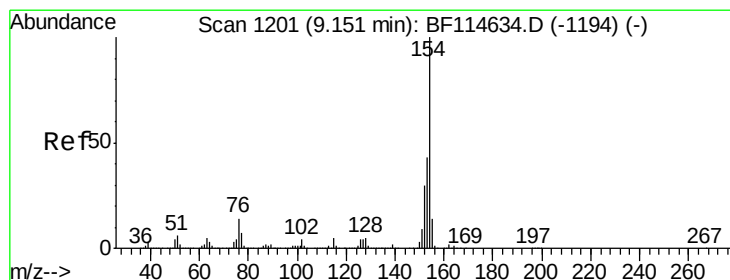
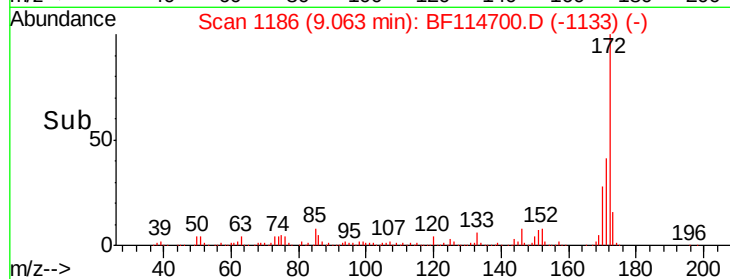
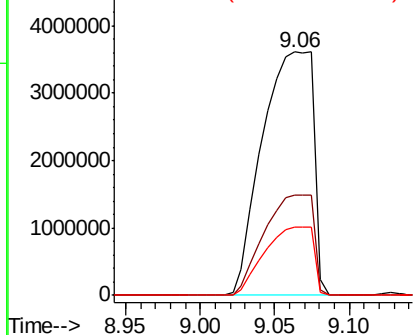


Abundance

Ion 172.00 (171.70 to 172.70): E

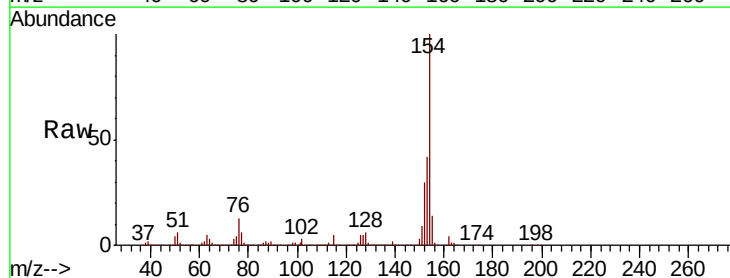
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 9.650 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	13.2	0.0	33.9

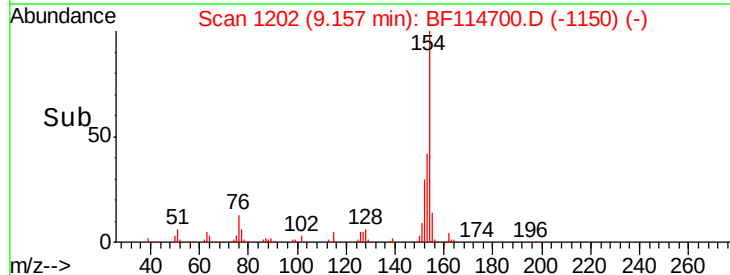
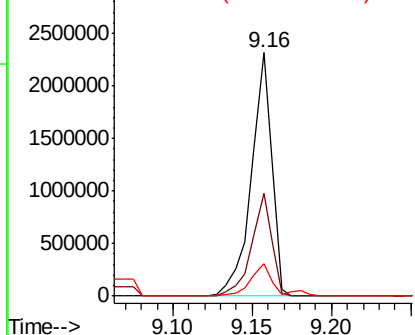


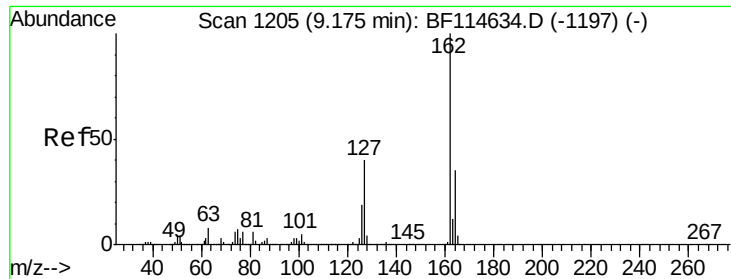
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





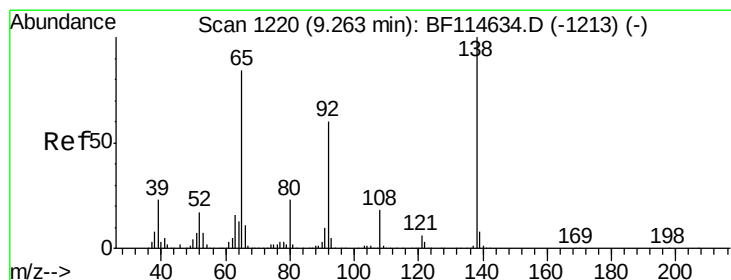
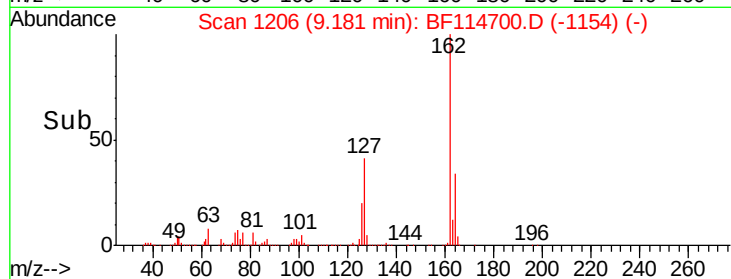
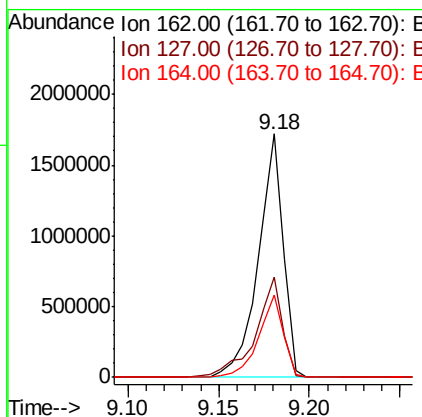
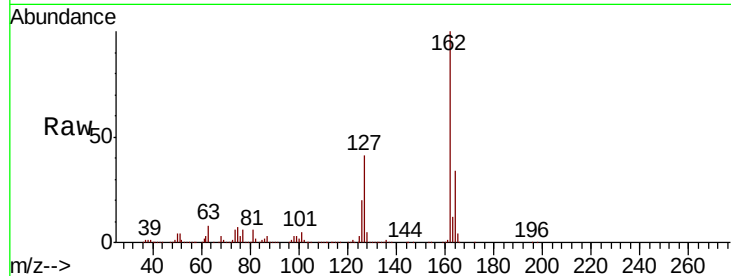
#47
2-Chloronaphthalene
Concen: 9.355 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion:	162	Resp:	1642874
Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.2	48.2
164	34.0	27.8	41.6

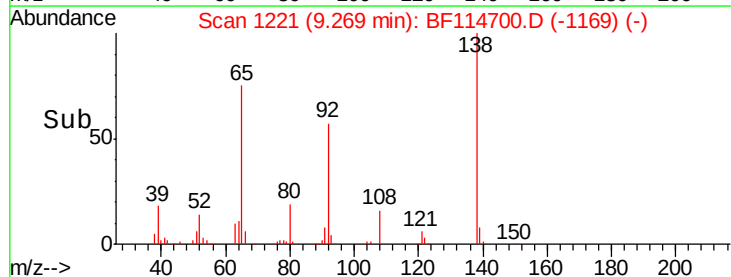
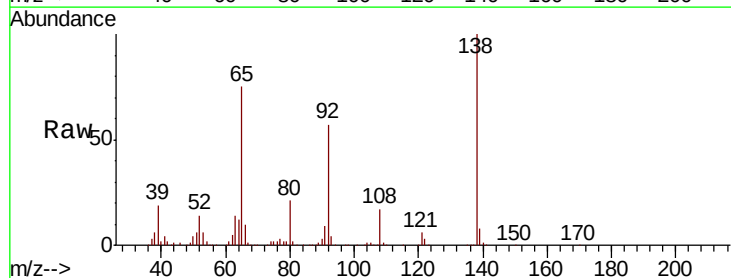
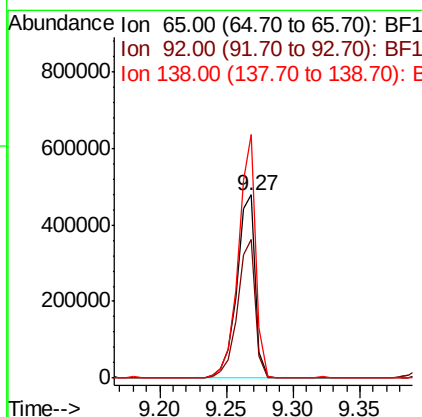
Manual Integrations
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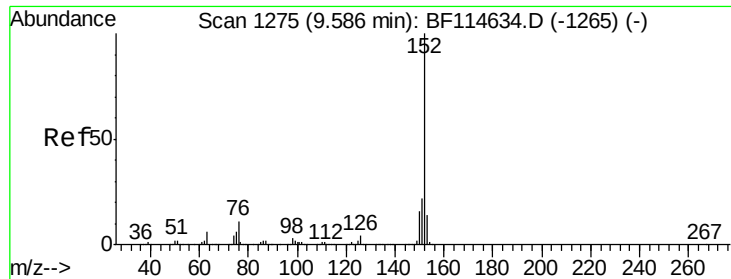
mohammad
6/3/2019 8:49:19 AM



#48
2-Nitroaniline
Concen: 8.537 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	65	Resp:	462662
Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.1	85.7
138	133.1	95.8	143.6





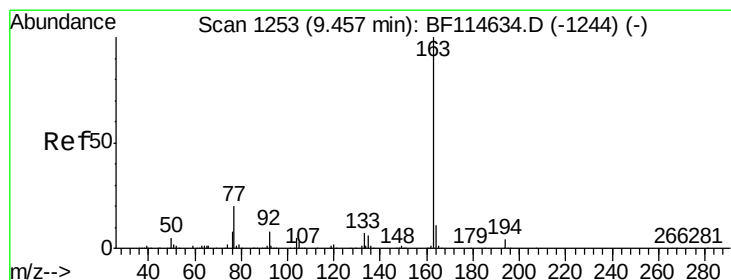
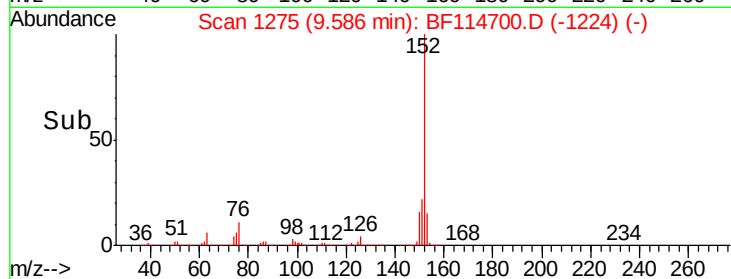
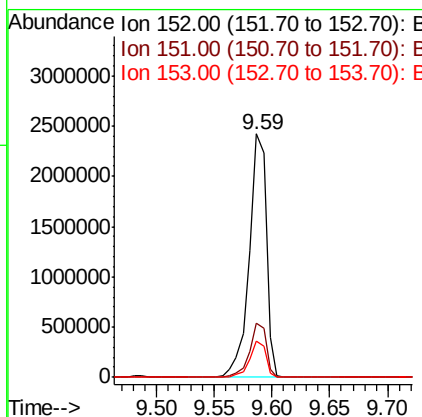
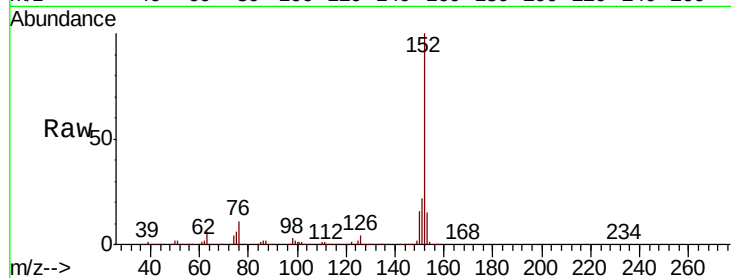
#49
Acenaphthylene
Concen: 9.180 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion:	152	Resp:	2490811
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.5	26.3
153	14.7	11.6	17.4

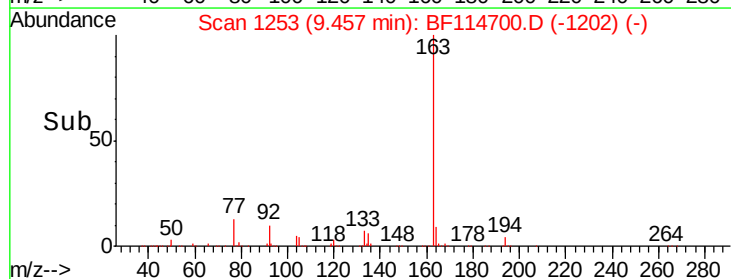
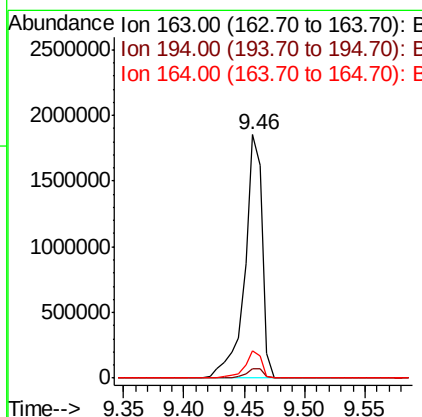
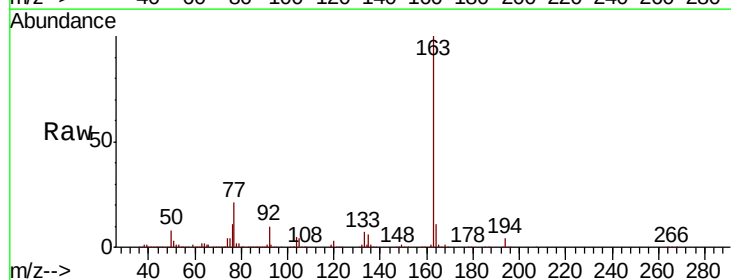
Manual Integrations
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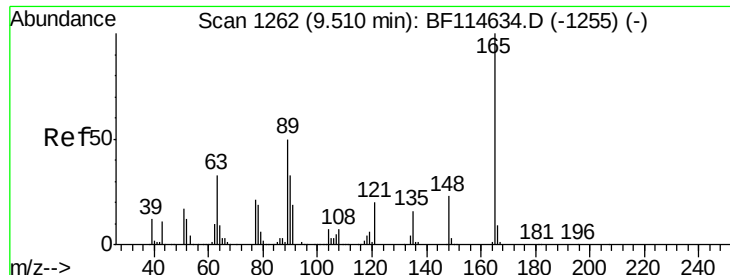
mohammad
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#50
Dimethylphthalate
Concen: 9.243 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	163	Resp:	1857676
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	11.1	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 9.402 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

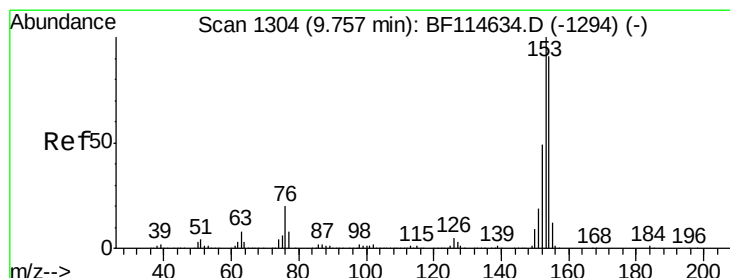
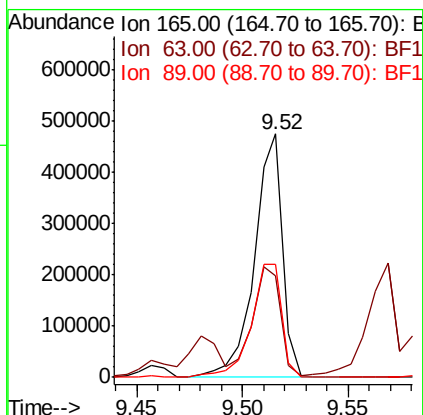
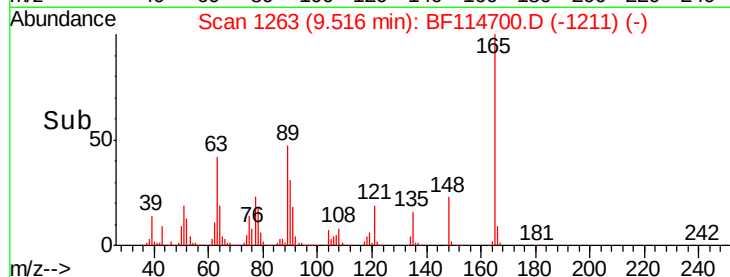
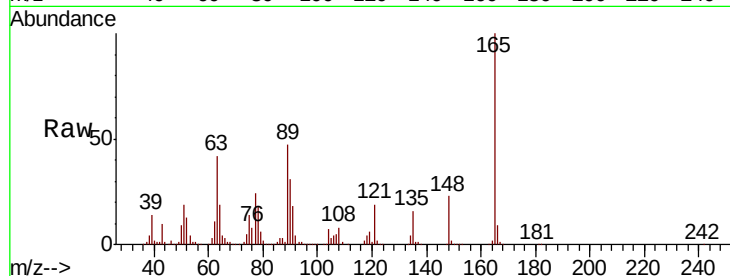
ClientSampleId :

PB120137BS

Tot Ion:	165	Resp:	439057
Ion Ratio	Lower	Upper	
165	100		
63	41.6	36.6	54.8
89	46.7	40.2	60.4

Manual Integrations
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#52

Acenaphthene

Concen: 9.935 ng

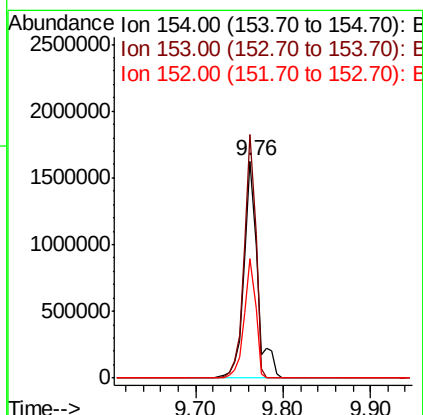
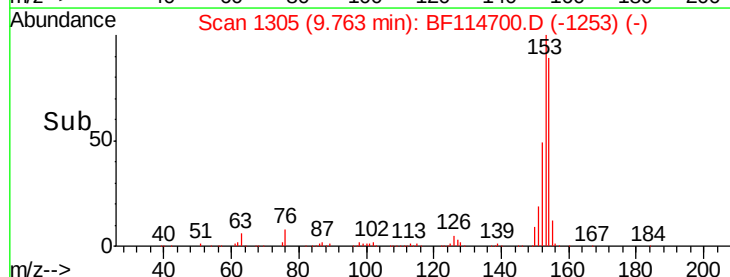
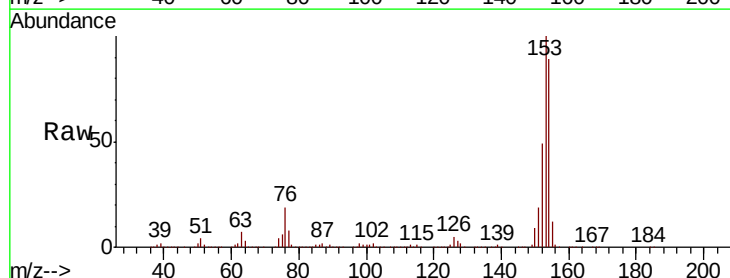
RT: 9.76 min Scan# 1305

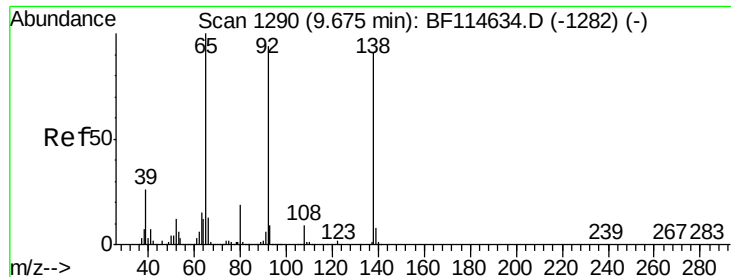
Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:	154	Resp:	1653117
Ion Ratio	Lower	Upper	
154	100		
153	112.1	88.4	132.6
152	54.8	43.4	65.0





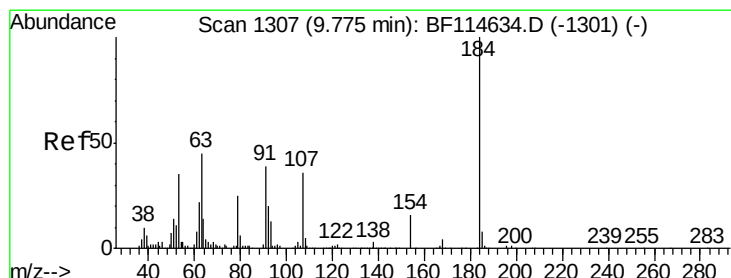
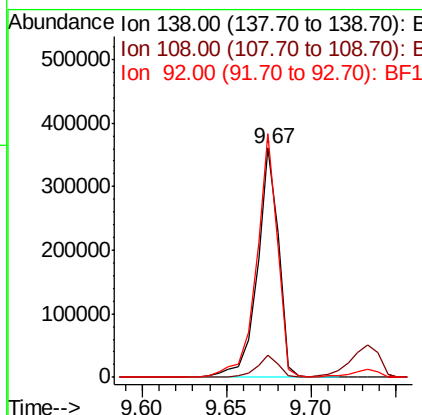
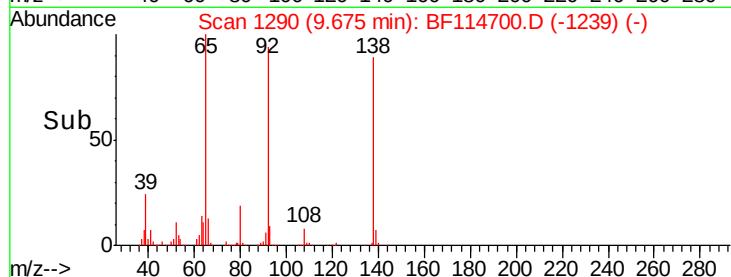
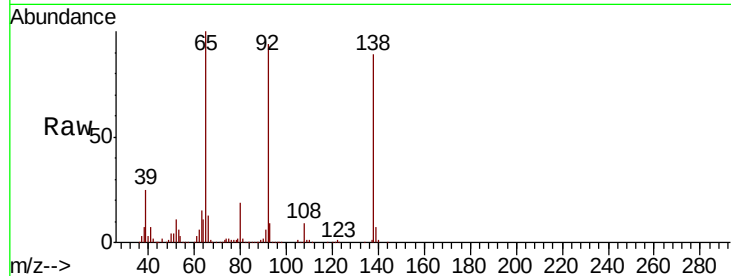
#53
3-Nitroaniline
Concen: 5.526 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	315819		
108	9.6	8.3	12.5	
92	106.2	83.1	124.7	

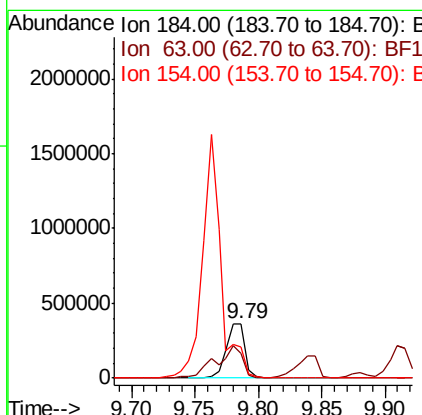
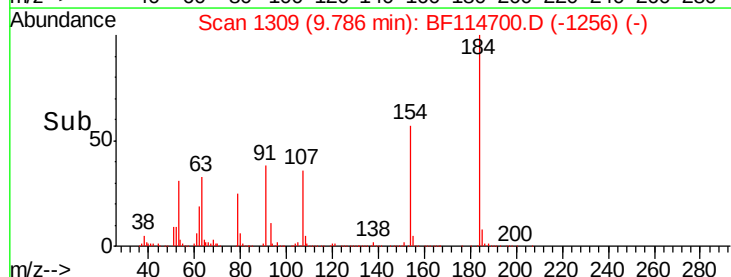
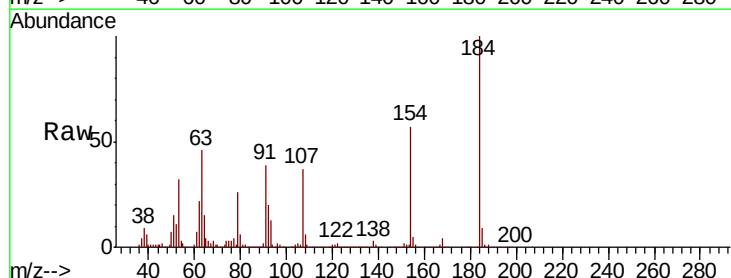
Manual Integrations
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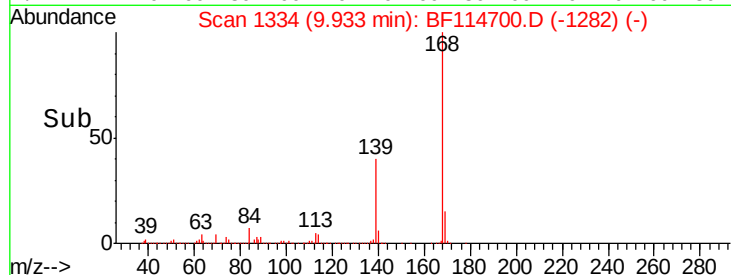
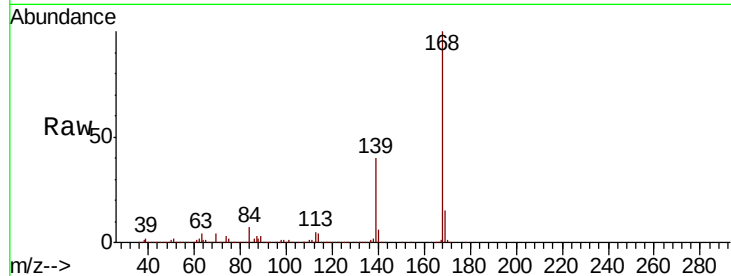
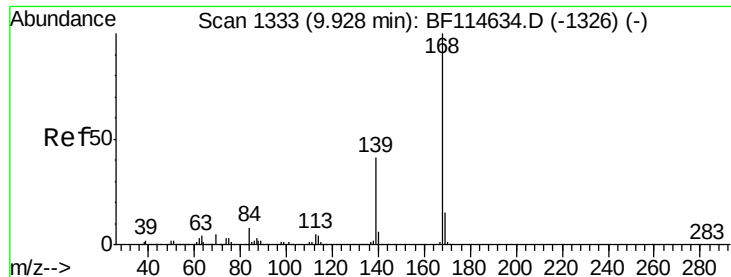
mohammad
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#54
2,4-Dinitrophenol
Concen: 20.054 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	369404		
63	45.6	38.8	58.2	
154	57.4	43.7	65.5	





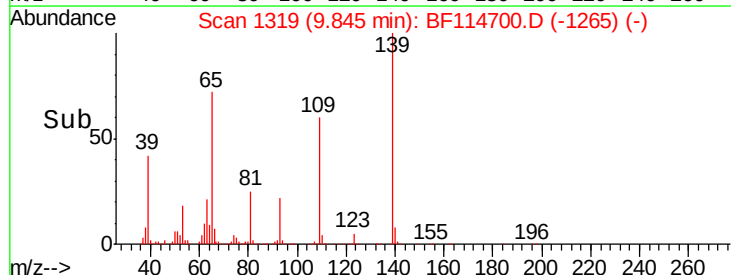
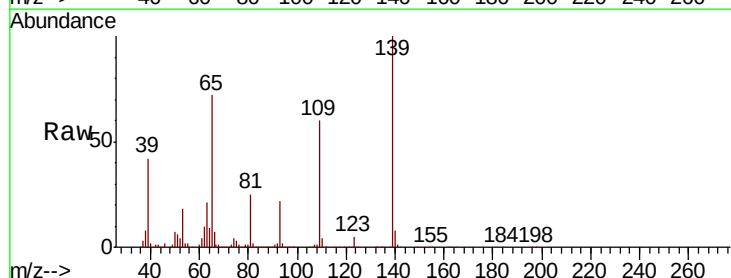
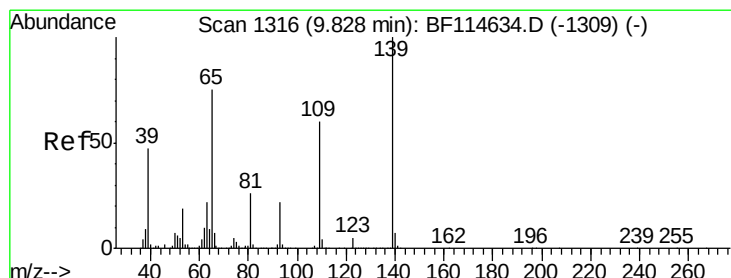
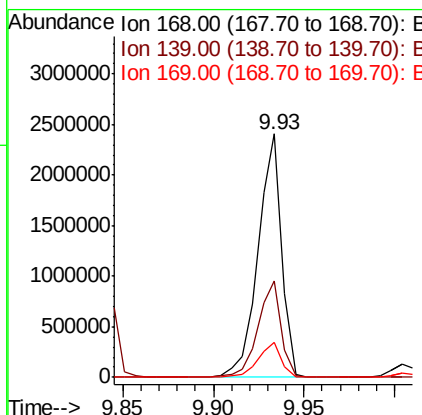
#55
Dibenzofuran
Concen: 9.134 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tot Ion:168	Resp: 2163505
Ion Ratio	Lower Upper
168 100	
139 39.8	32.6 48.8
169 14.6	11.8 17.8

Instrument :
BNA_F
ClientSampleId :
PB120137BS

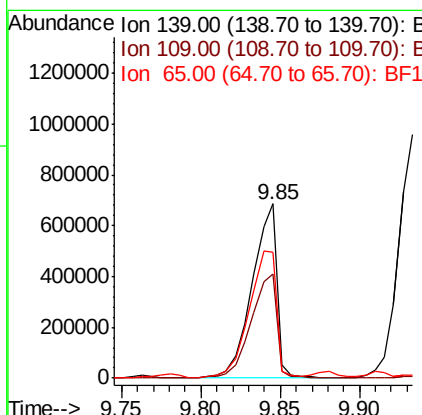
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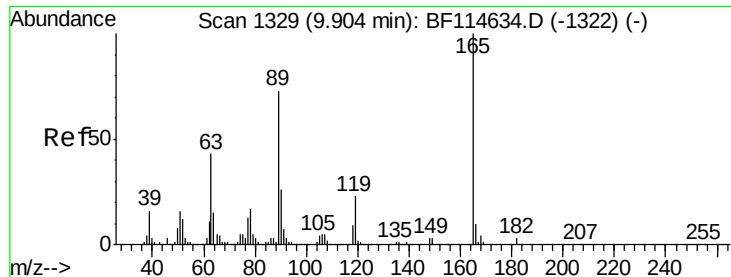
mohammad
6/3/2019 8:49:19 AM



#56
4-Nitrophenol
Concen: 17.659 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion:139	Resp:	747936
	Ratio	Lower	Upper
139	100		
109	59.6	40.4	80.4
65	71.9	54.7	94.7





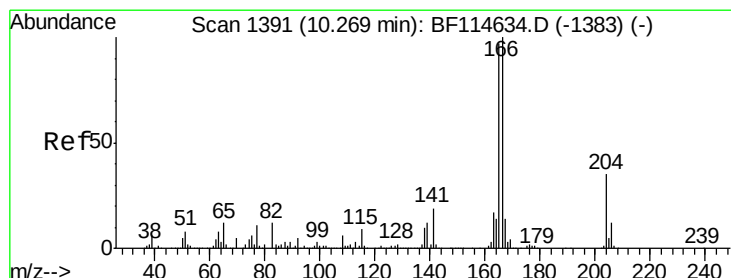
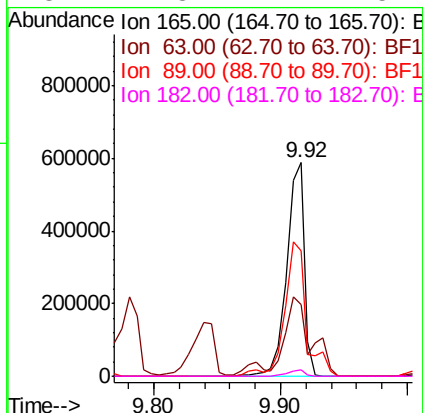
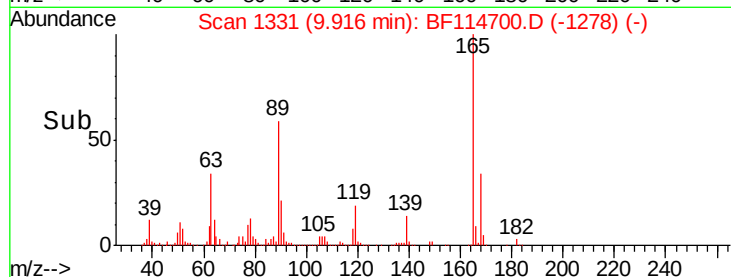
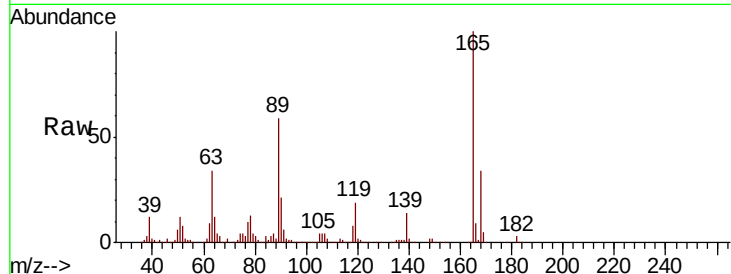
#57
2,4-Dinitrotoluene
Concen: 9.544 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		572042		
63	33.8	34.8	52.2#		
89	58.7	58.5	87.7		
182	2.8	2.2	3.2		

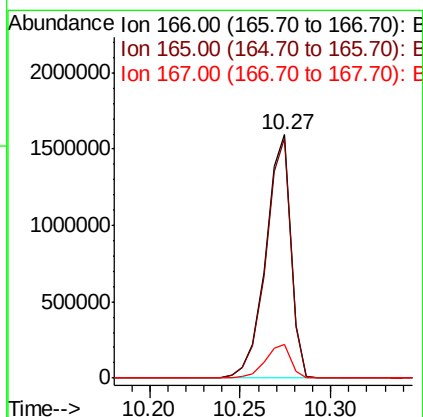
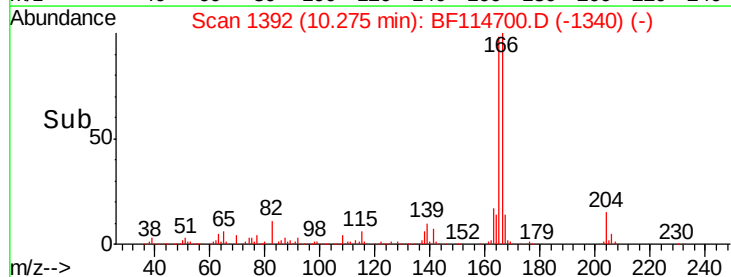
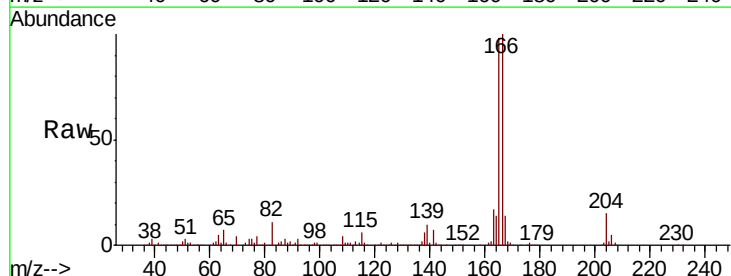
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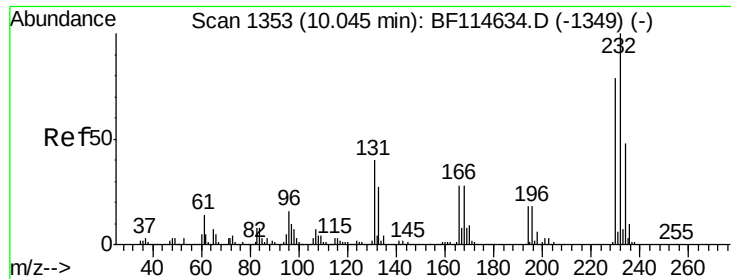
mohammad
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#58
Fluorene
Concen: 4.982 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1533450		
165	98.2	77.6	116.4		
167	13.8	11.2	16.8		





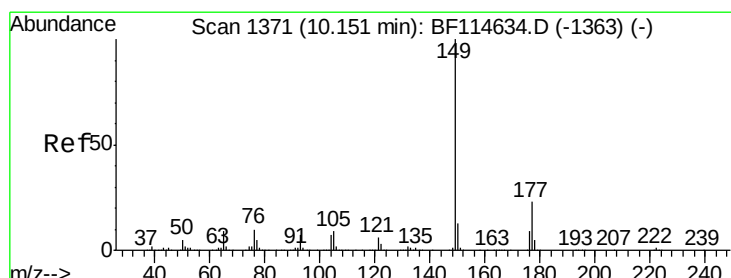
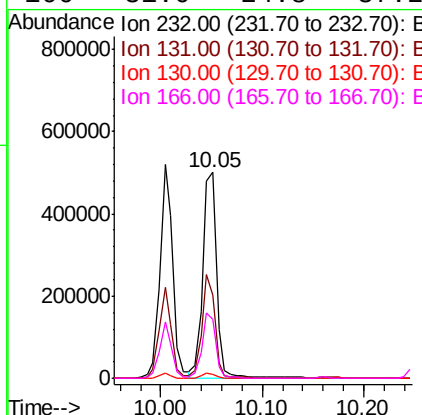
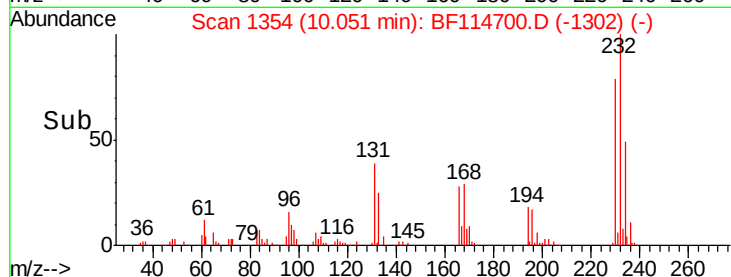
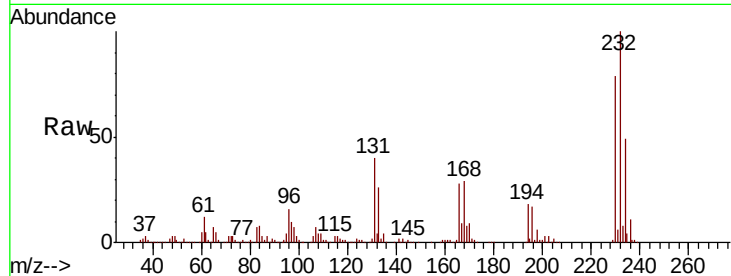
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.652 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.2	55.8
130	2.4	1.8	2.8
166	31.0	24.8	37.2

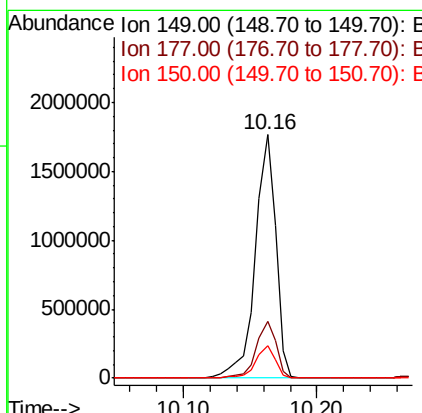
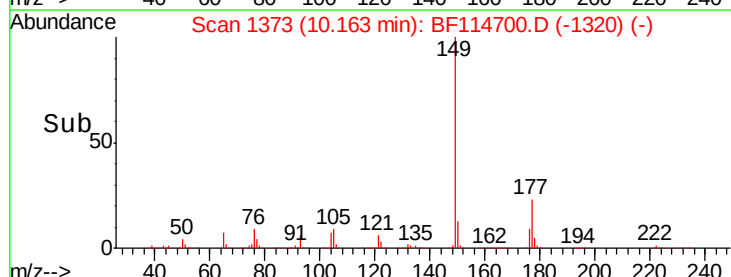
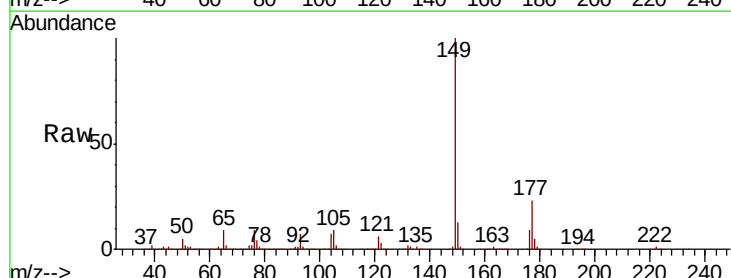
Manual Integrations
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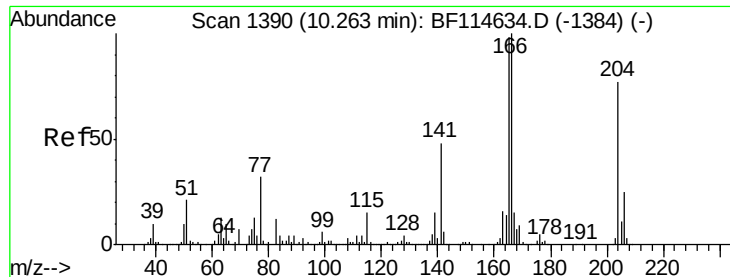
mohammad
6/3/2019 8:49:19 AM



#60
Diethylphthalate
Concen: 9.038 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.2	10.6	15.8





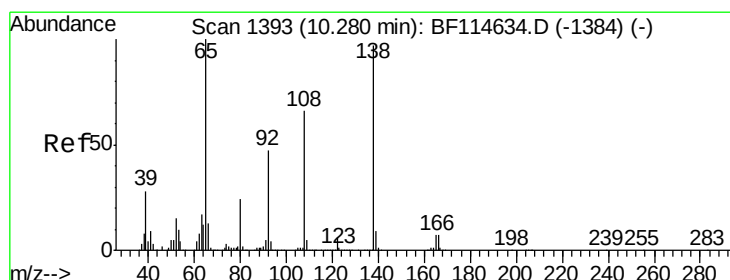
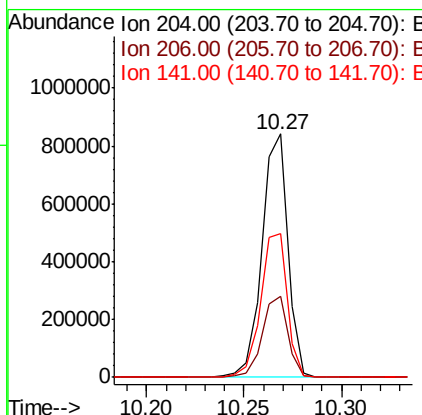
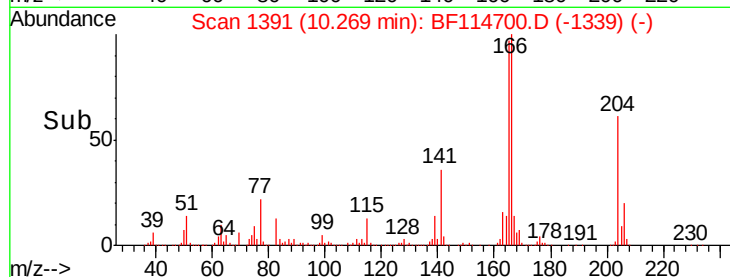
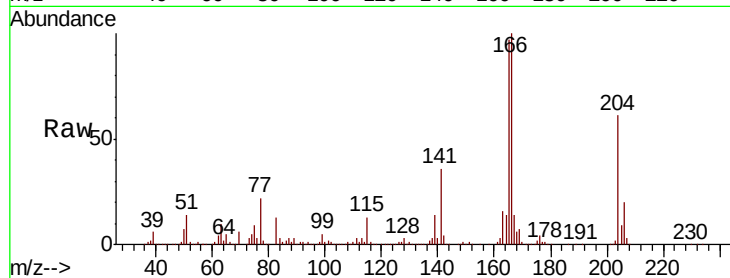
#61
 4-Chlorophenyl-phenylether
 Concen: 5.359 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampled :
 PB120137BS

Tot Ion:	204	Resp:	772815
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.4	39.6
141	59.1	50.0	75.0

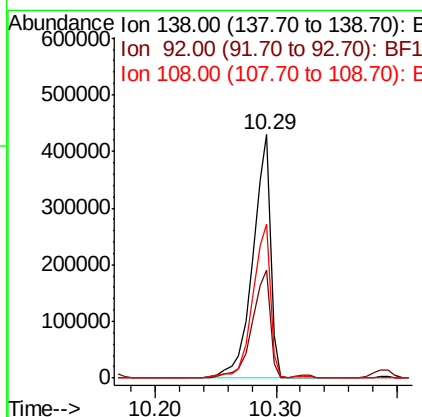
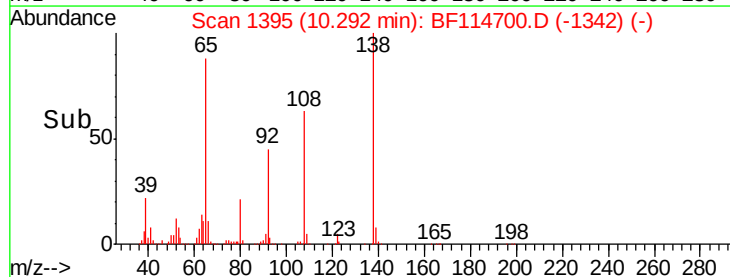
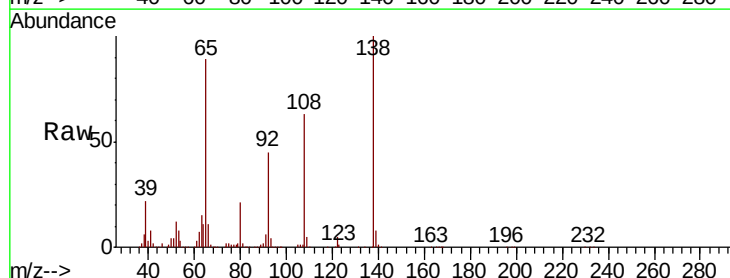
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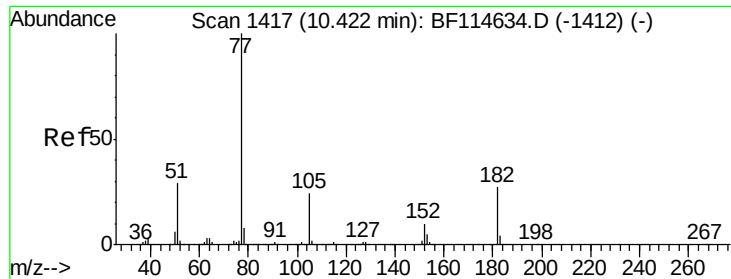
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#62
 4-Nitroaniline
 Concen: 7.970 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:	138	Resp:	443889
Ion Ratio	Lower	Upper	
138	100		
92	44.5	28.0	68.0
108	63.2	48.4	88.4





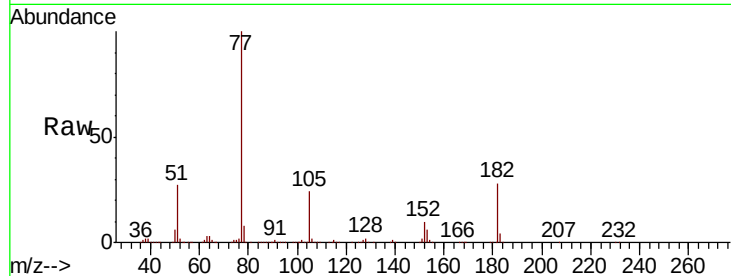
#63
Azobenzene
Concen: 8.881 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	7.0	47.0	
105	24.0	3.7	43.7	
51	27.2	9.1	49.1	

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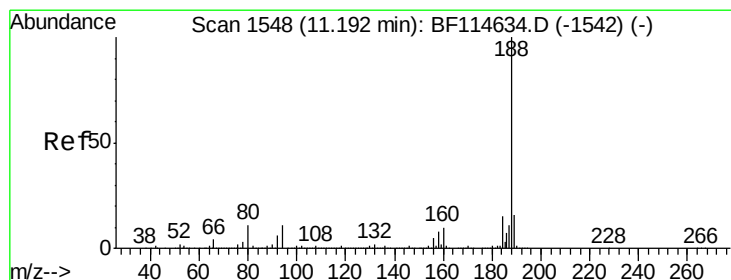
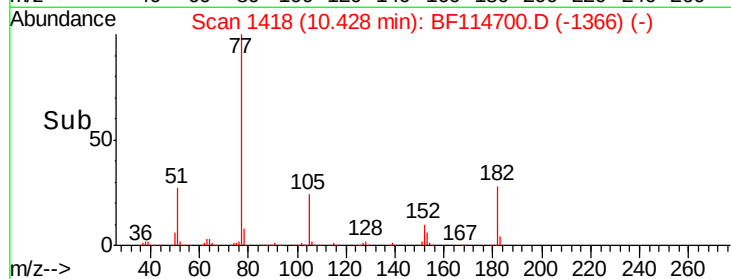
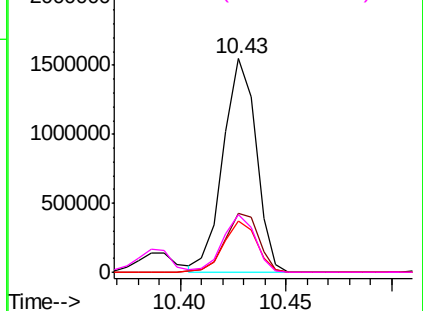
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

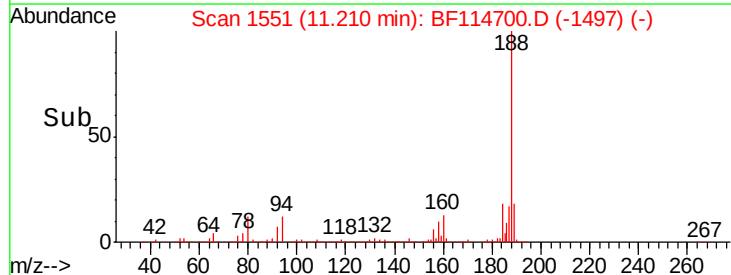
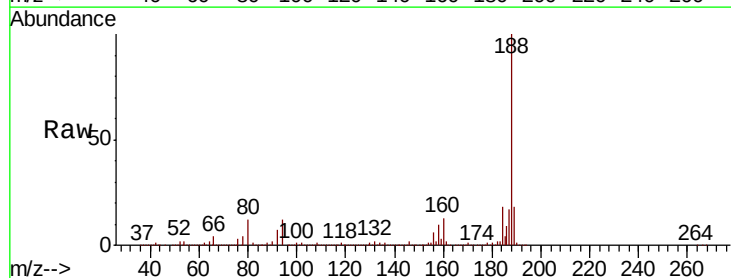
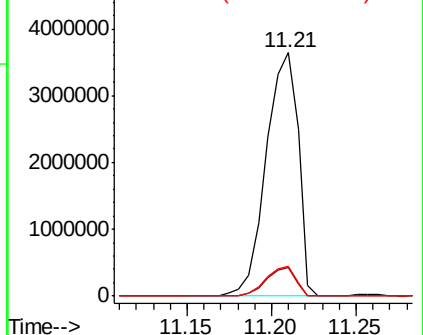
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.6	8.6	13.0	
80	12.5	9.0	13.6	

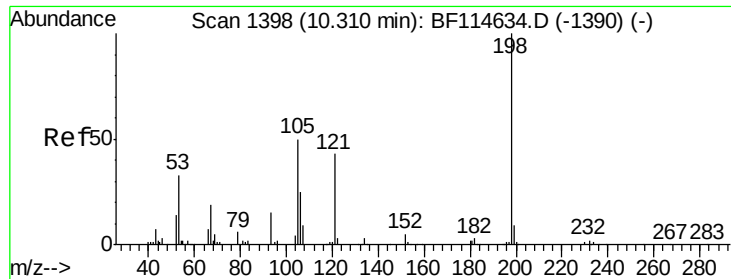
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





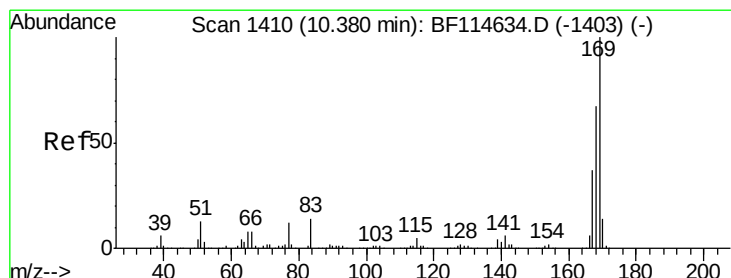
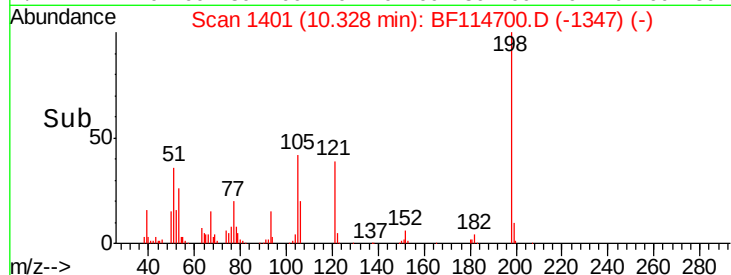
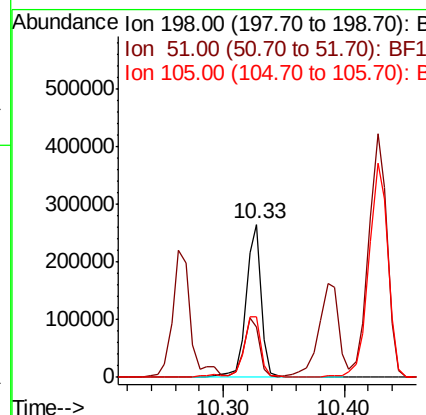
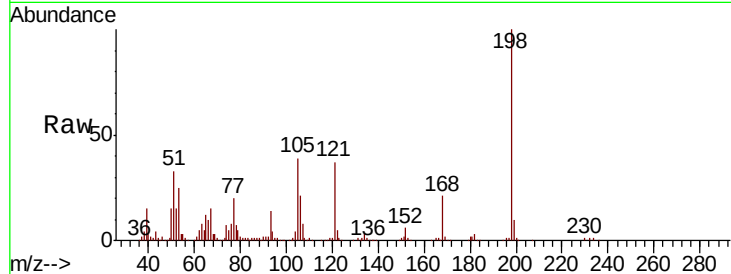
#65
4,6-Dinitro-2-methylphenol
Concen: 10.950 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	232667		
51	33.1	29.0	69.0	
105	39.1	30.4	70.4	

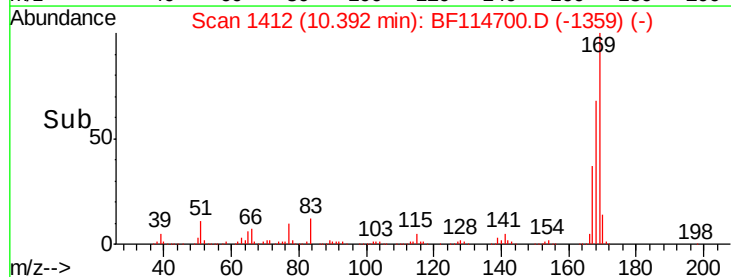
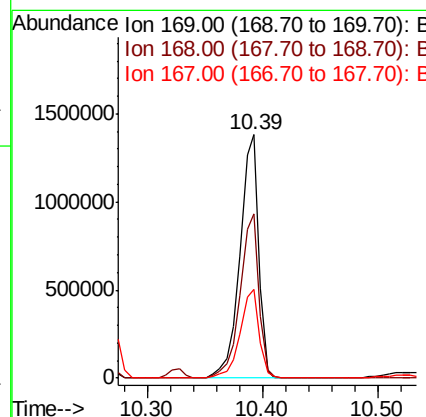
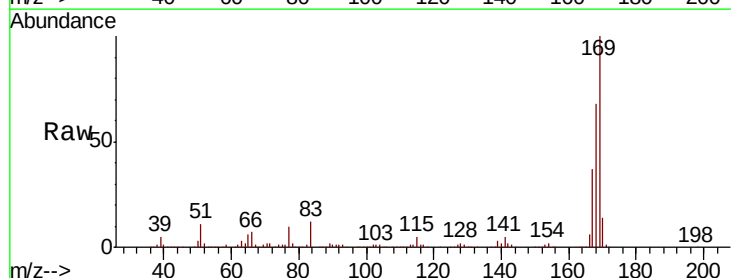
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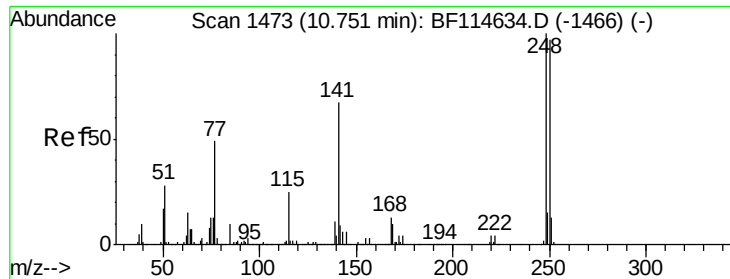
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#66
n-Nitrosodiphenylamine
Concen: 10.951 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1550397		
168	67.7	53.8	80.8	
167	36.5	29.8	44.6	





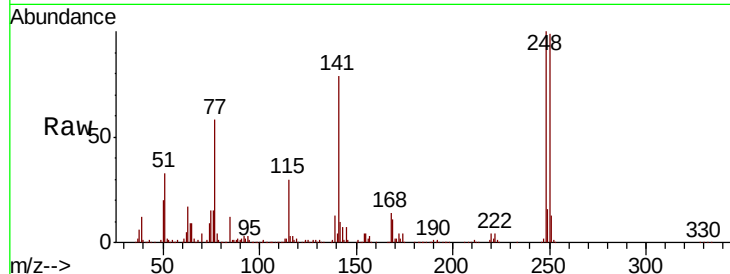
#67
4-Bromophenyl-phenylether
Concen: 10.197 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.0	117.0
141	79.0	53.8	80.8

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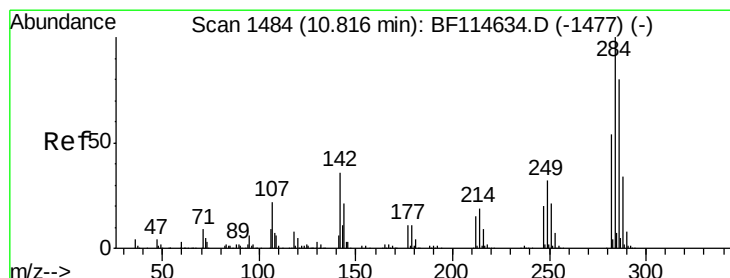
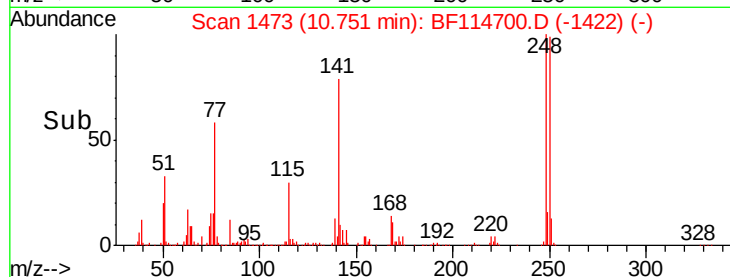
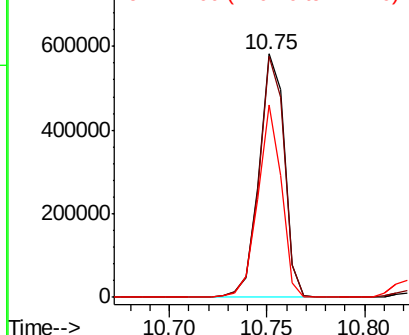


Abundance

Ion 248.00 (247.70 to 248.70): E

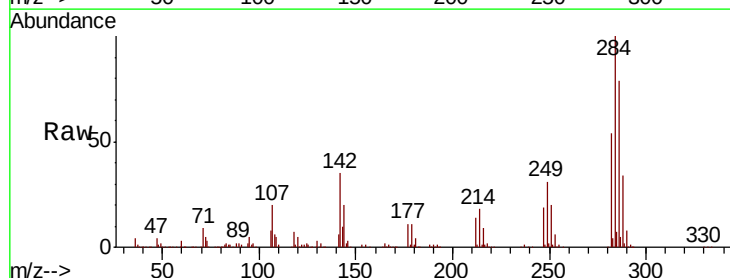
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 10.073 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.9	43.3
249	30.7	25.8	38.6

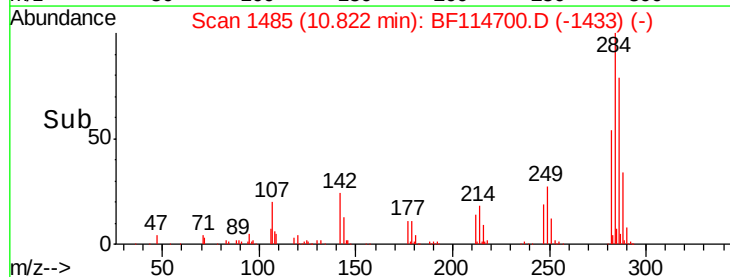
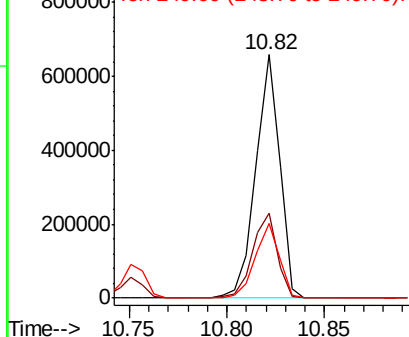


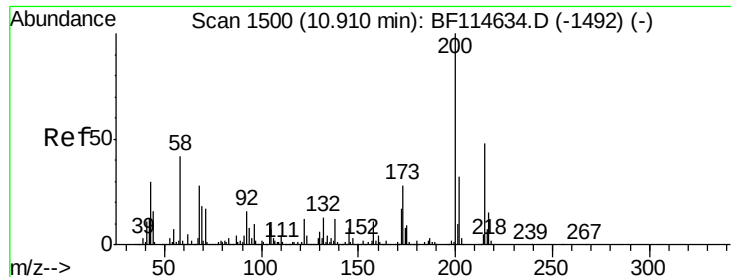
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





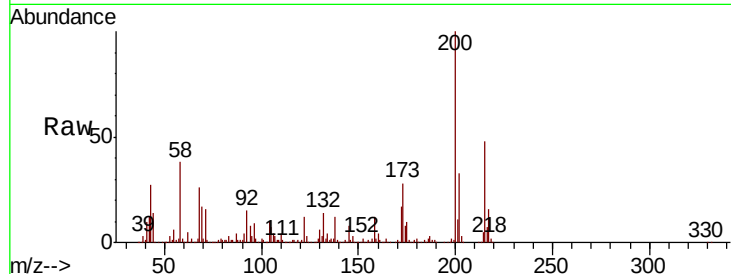
#69
Atrazine
Concen: 8.832 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	480884		
173	27.7	7.9	47.9	
215	48.4	27.8	67.8	

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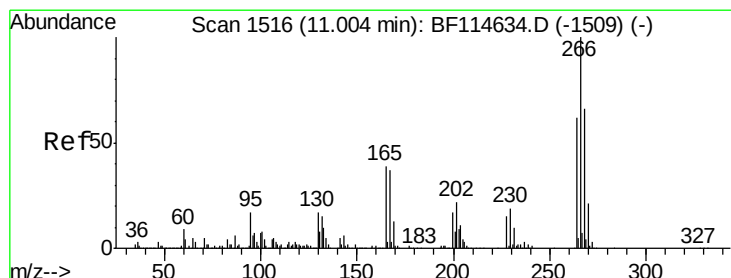
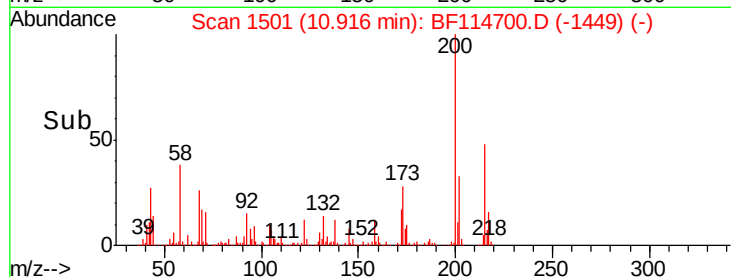
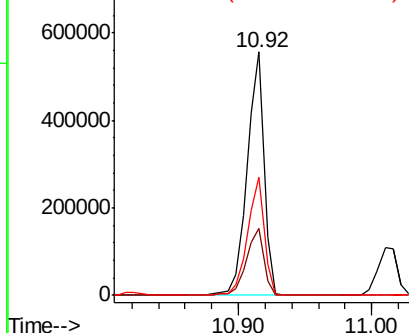


Abundance

Ion 200.00 (199.70 to 200.70): E

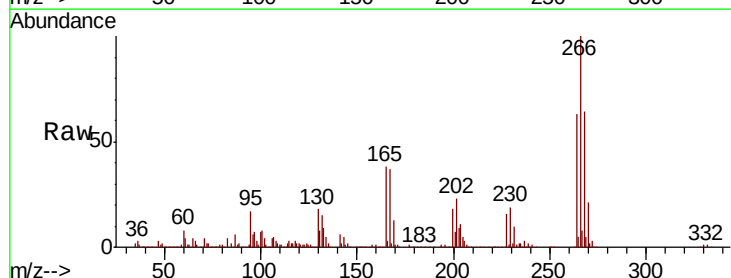
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 19.192 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	615729		
268	63.9	52.8	79.2	
264	63.3	49.9	74.9	

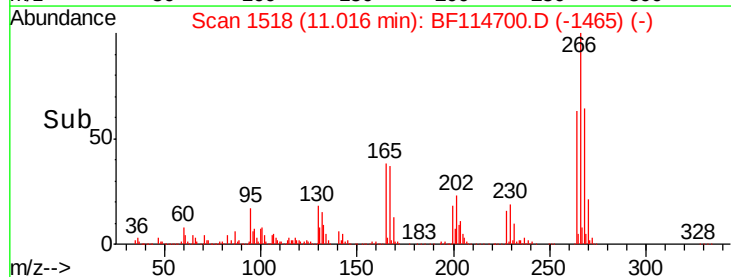
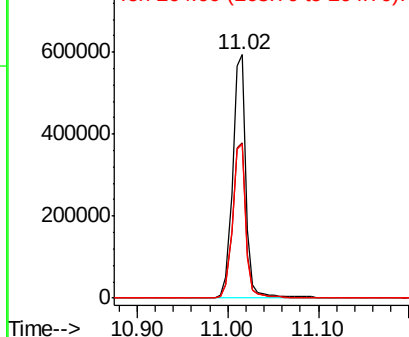


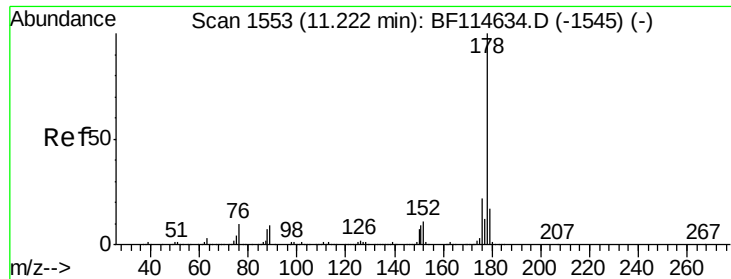
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.339 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

Tot Ion:178 Resp: 2282848

Ion Ratio Lower Upper

178 100

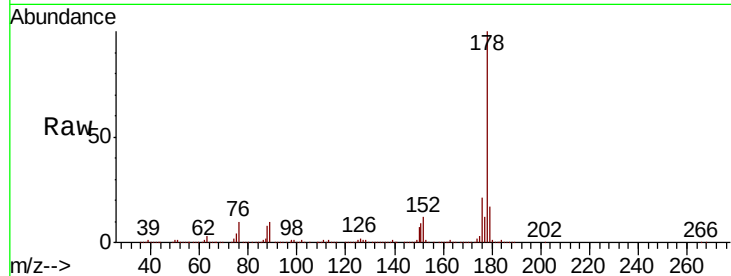
176 21.4 17.2 25.8

179 17.2 13.9 20.9

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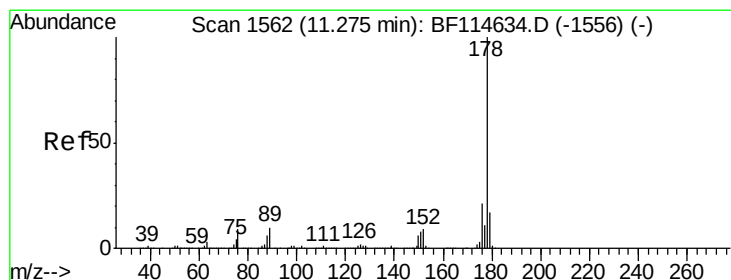
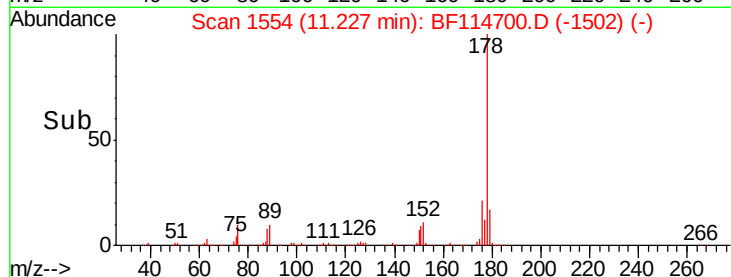
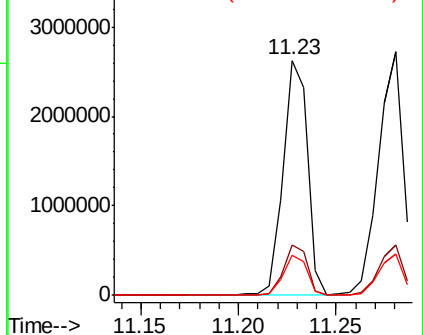
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.750 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:178 Resp: 2412136

Ion Ratio Lower Upper

178 100

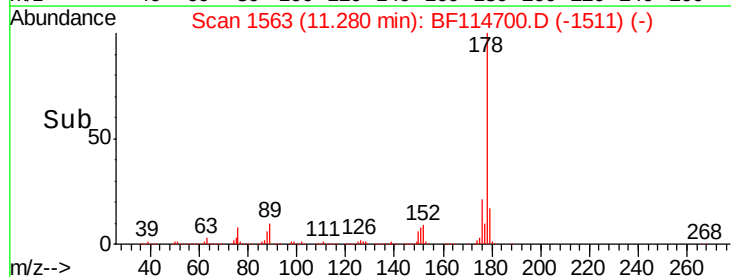
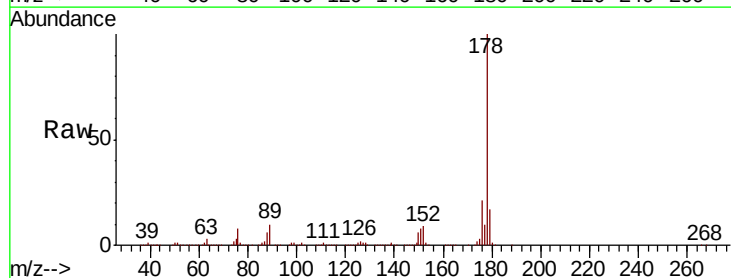
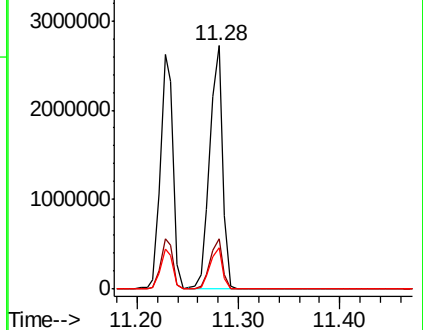
176 20.9 16.6 24.8

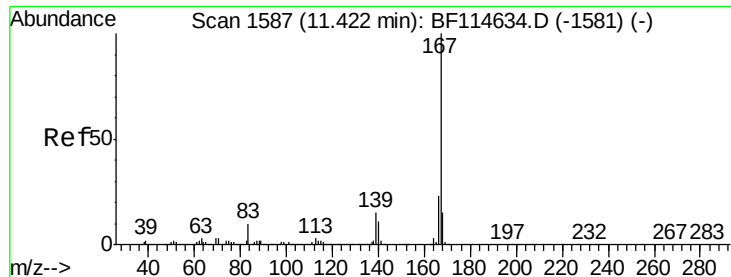
179 17.0 13.4 20.0

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





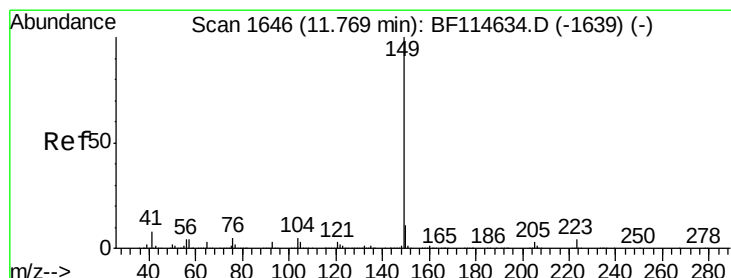
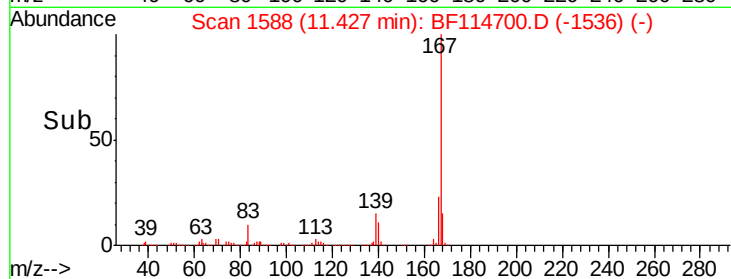
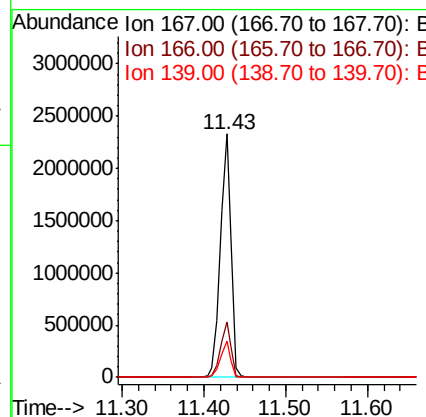
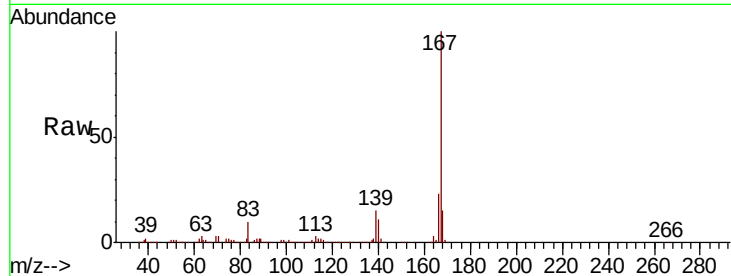
#73
 Carbazole
 Concen: 9.842 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.7	28.1
139	14.7	11.8	17.8

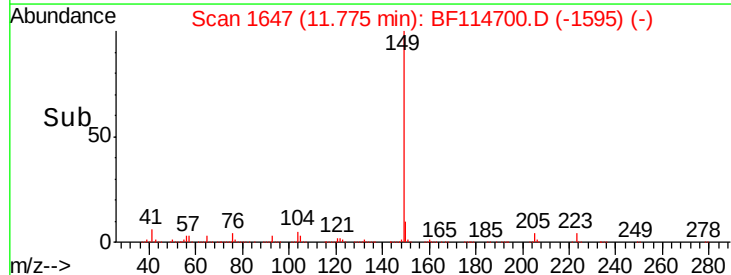
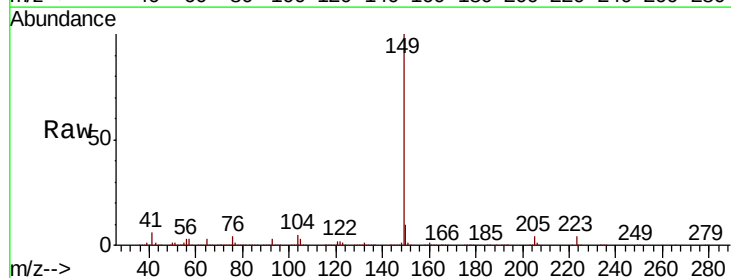
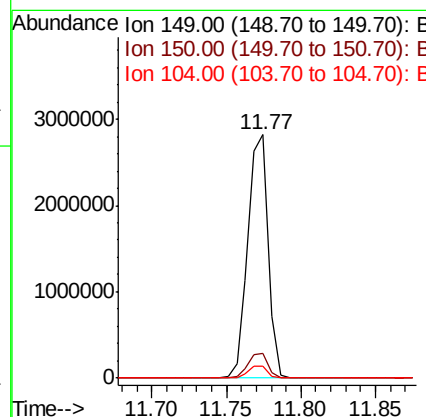
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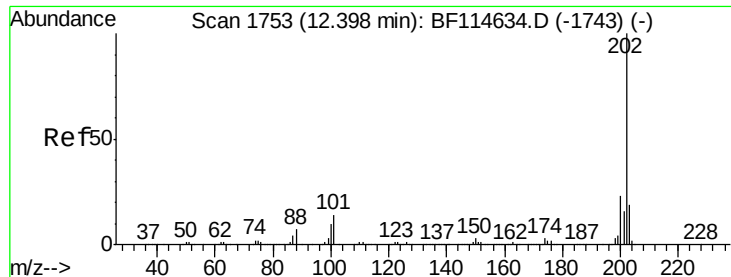
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#74
 Di-n-butylphthalate
 Concen: 6.422 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.6	12.8
104	4.7	4.3	6.5





#75

Fluoranthene

Concen: 9.200 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

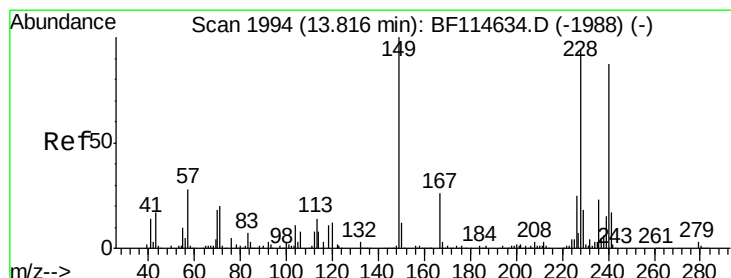
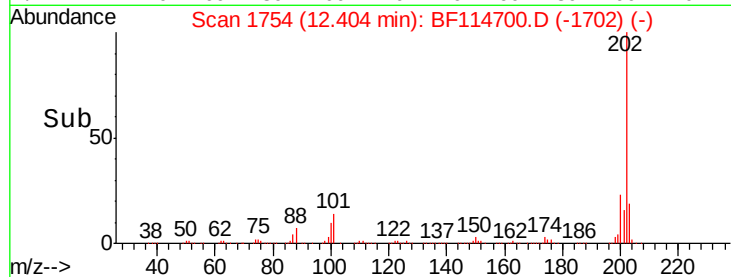
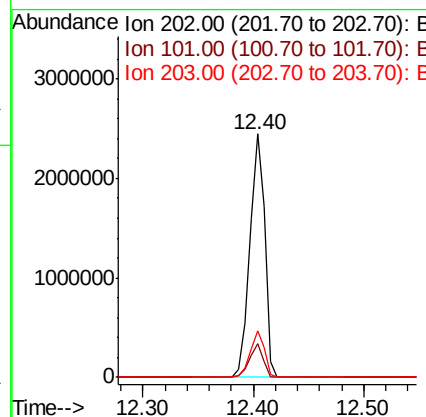
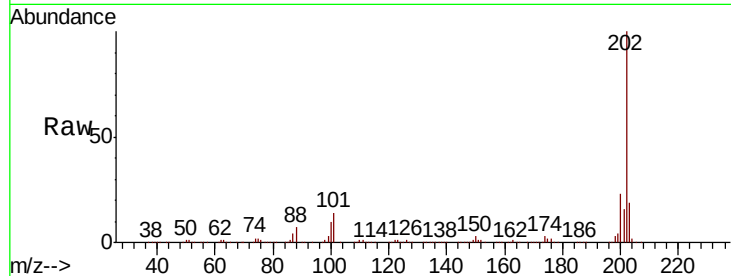
ClientSampleId :

PB120137BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.9
203	19.1	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

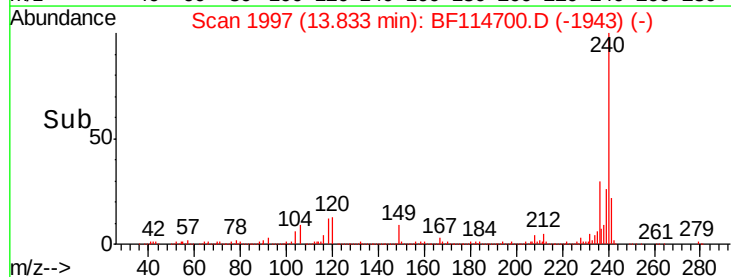
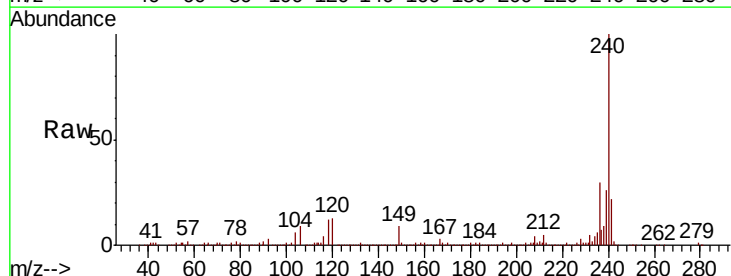
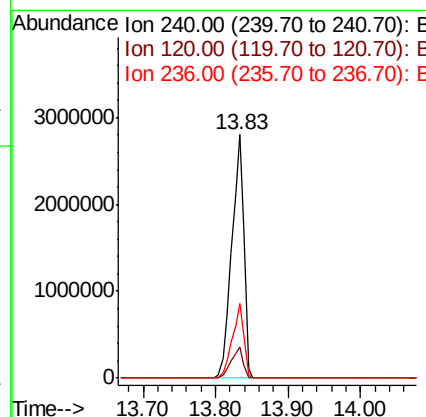
RT: 13.83 min Scan# 1997

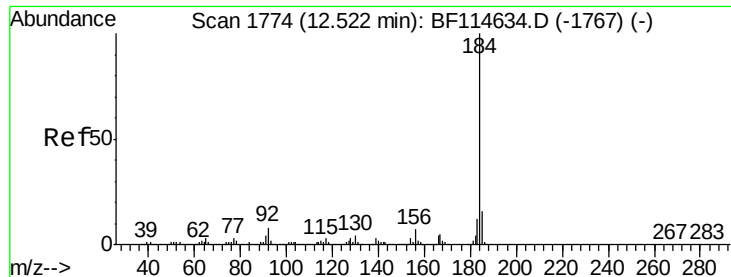
Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	11.2	16.8
236	30.4	21.2	31.8





#77

Benzidine

Concen: 6.986 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

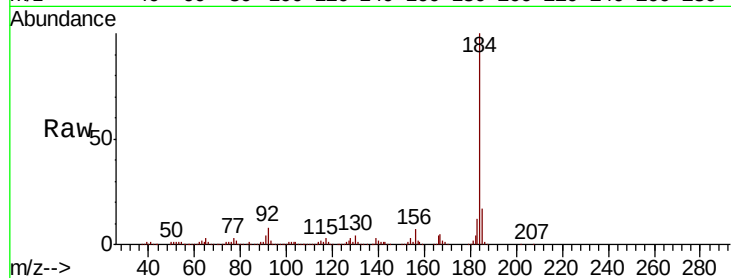
ClientSampled :

PB120137BS

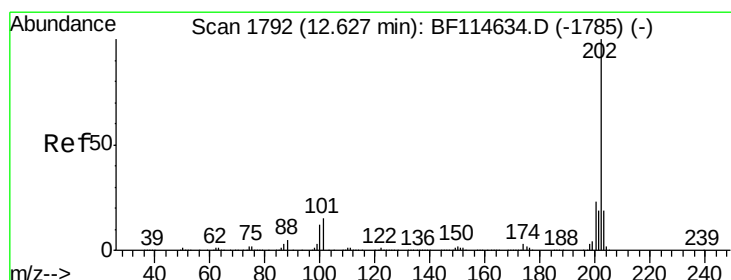
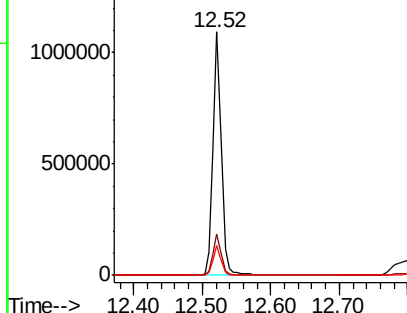
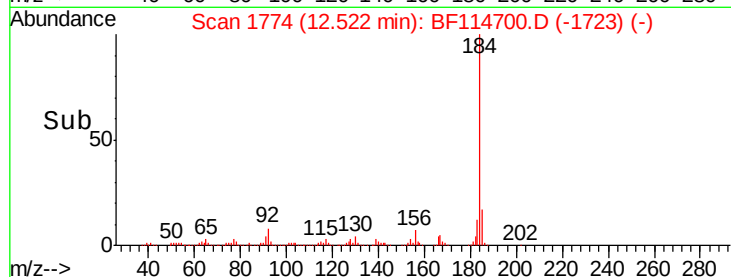
Tot Ion:	184	Resp:	942430
Ion Ratio	Lower	Upper	
184	100		
185	16.8	12.6	18.8
183	12.0	9.4	14.2

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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



#78

Pyrene

Concen: 8.400 ng

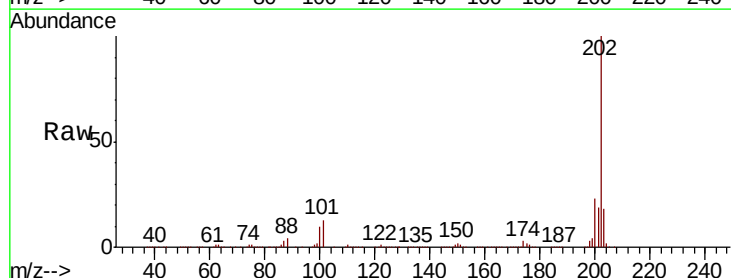
RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

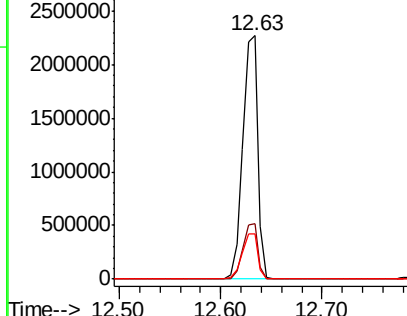
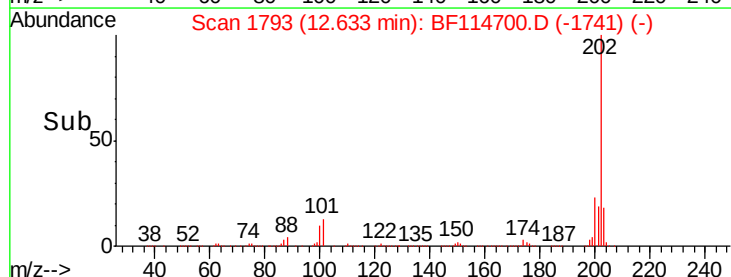
Lab File: BF114700.D

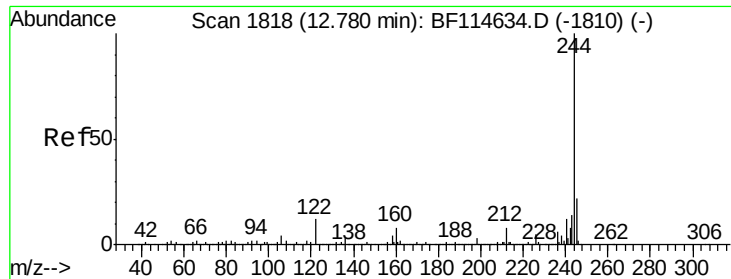
Acq: 31 May 2019 11:34

Tgt Ion:	202	Resp:	2327796
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.6	28.0
203	18.4	15.4	23.2



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





#79

Terphenyl-d14

Concen: 51.991 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampled :

PB120137BS

Tot Ion:244 Resp: 9058760

Ion Ratio Lower Upper

244 100

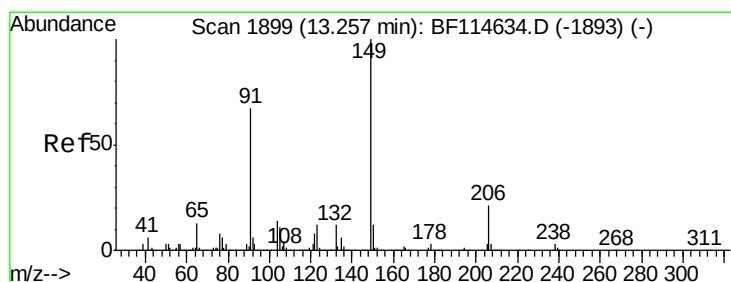
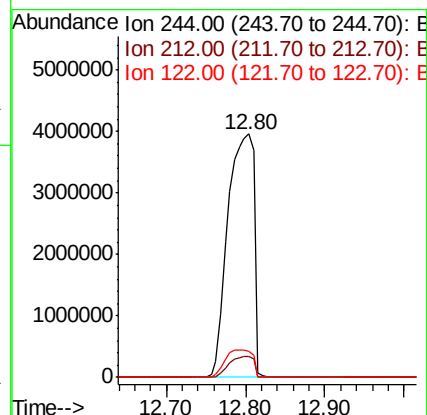
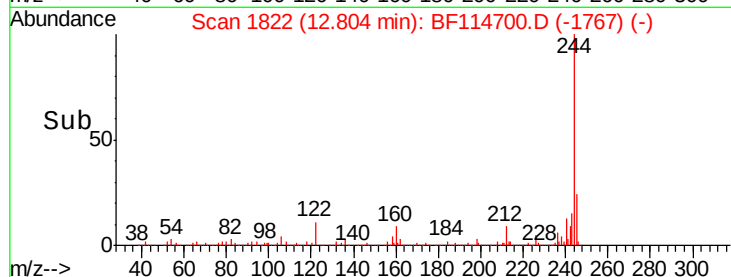
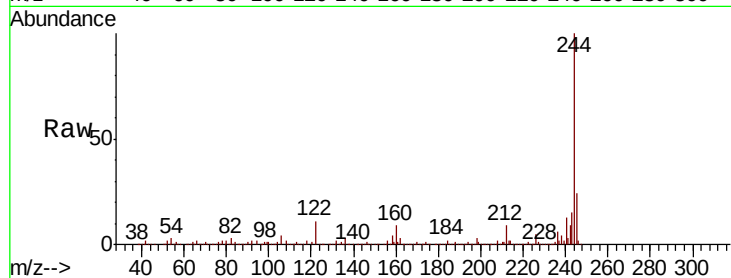
212 8.5 6.1 9.1

122 10.9 9.8 14.8

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#80

Butylbenzylphthalate

Concen: 8.103 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

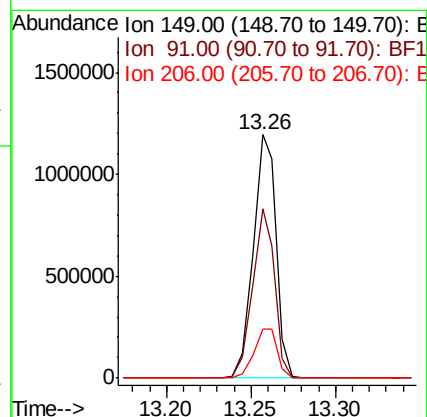
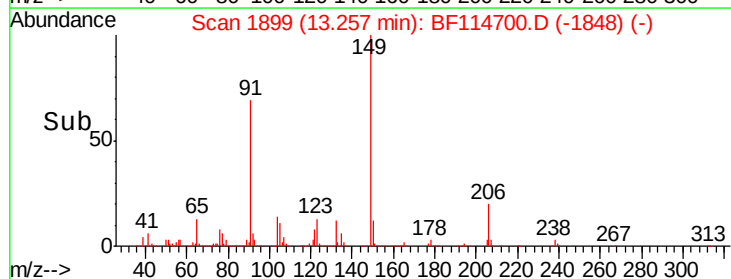
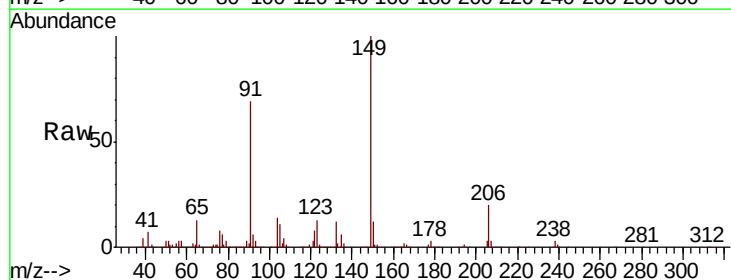
Tgt Ion:149 Resp: 1128517

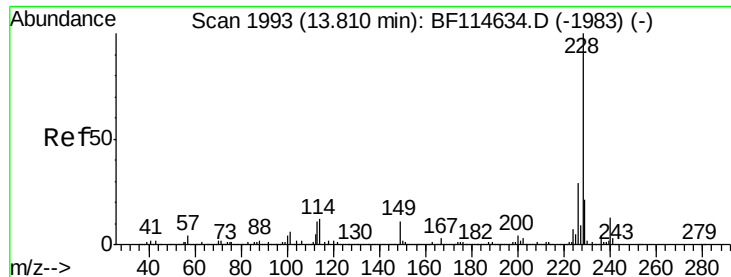
Ion Ratio Lower Upper

149 100

91 69.4 53.8 80.8

206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 7.355 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

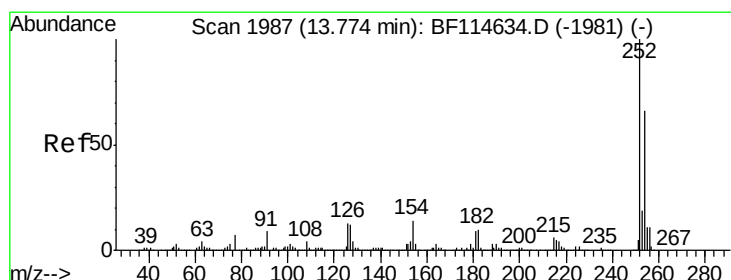
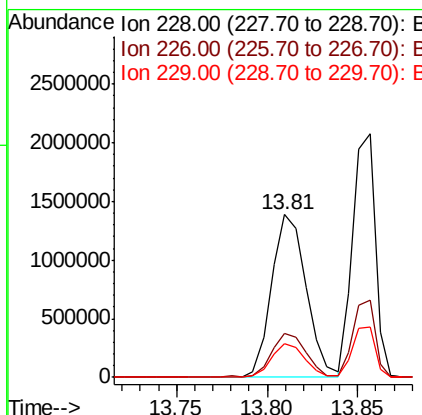
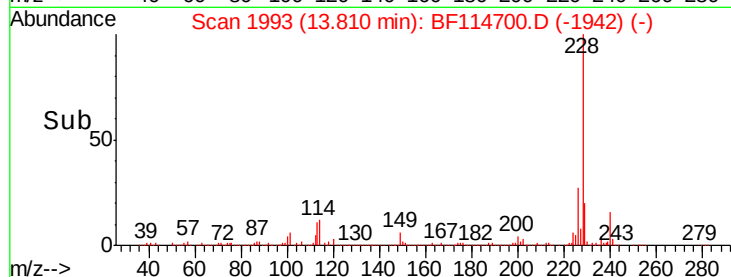
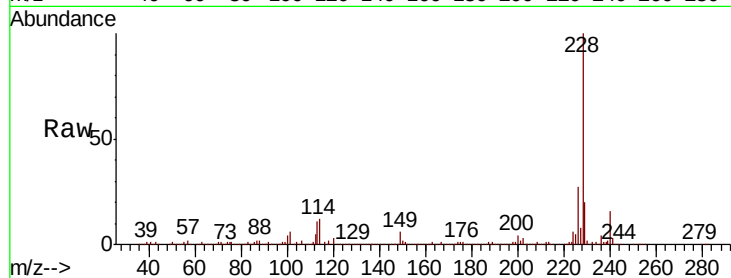
ClientSampled :

PB120137BS

Tot Ion:	228	Resp:	1851425
Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.6
229	20.4	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 6.005 ng

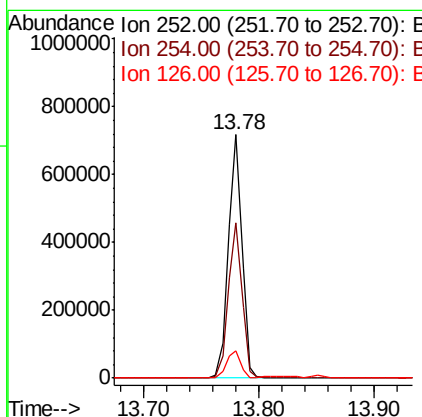
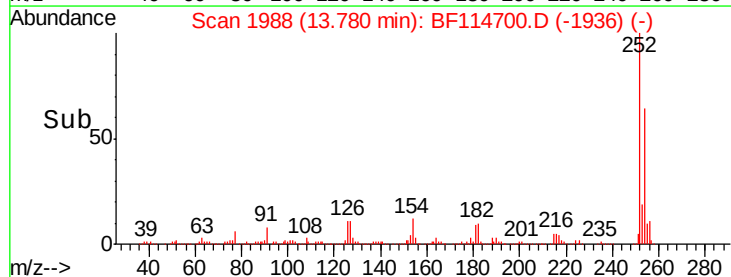
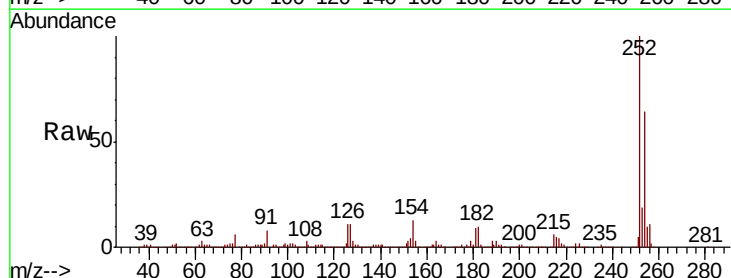
RT: 13.78 min Scan# 1988

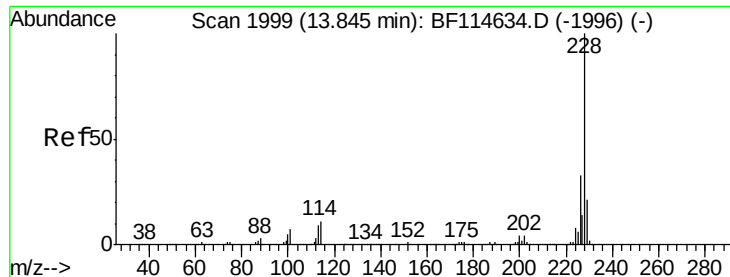
Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:	252	Resp:	583773
Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.1	79.7
126	11.3	10.2	15.2





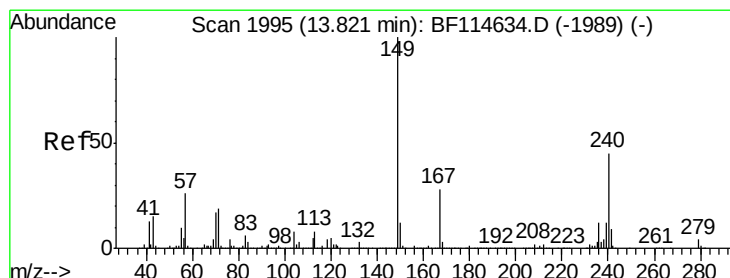
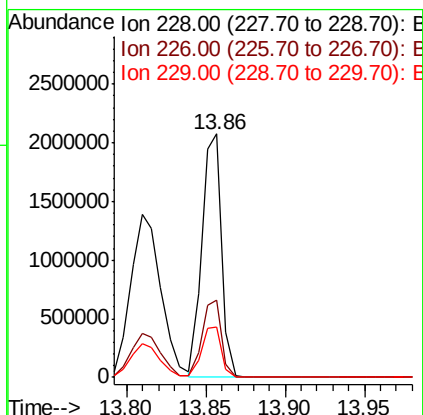
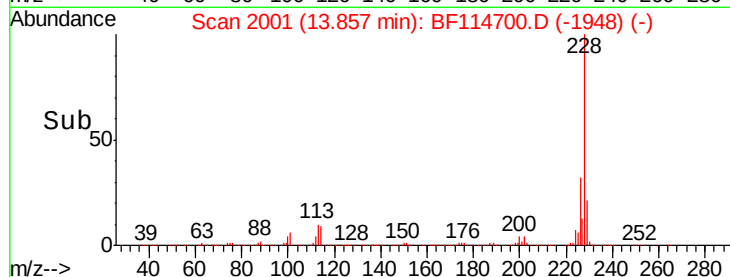
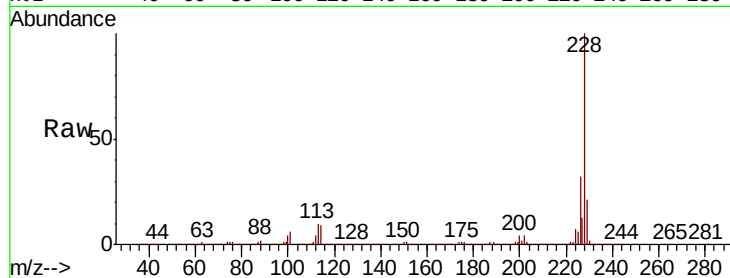
#83
Chrysene
Concen: 7.551 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.4	39.6
229	20.6	17.1	25.7

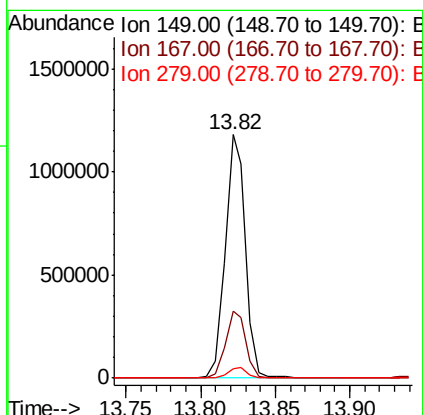
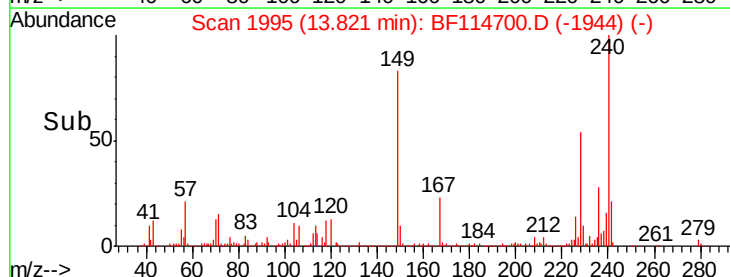
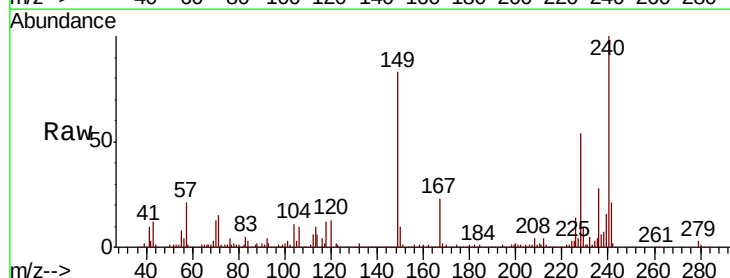
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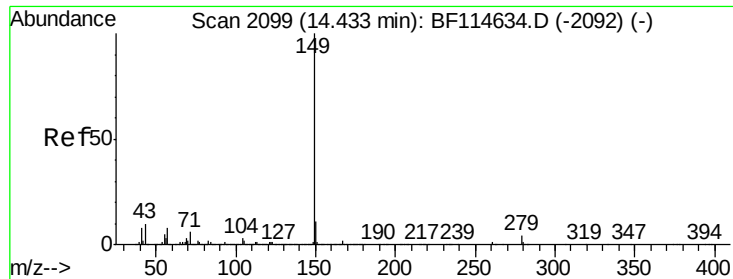
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.513 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	33.8
279	3.7	3.0	4.4





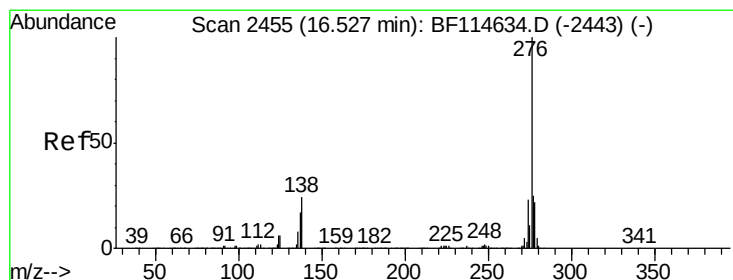
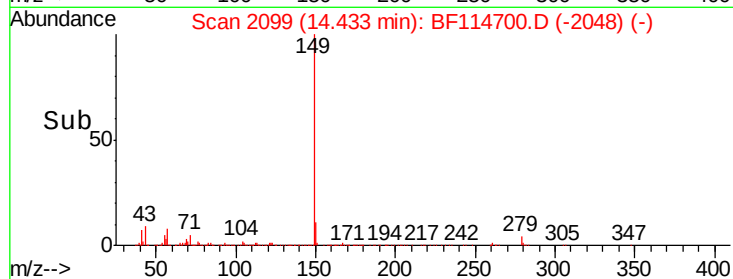
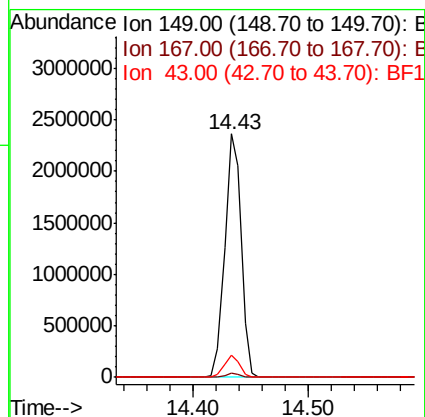
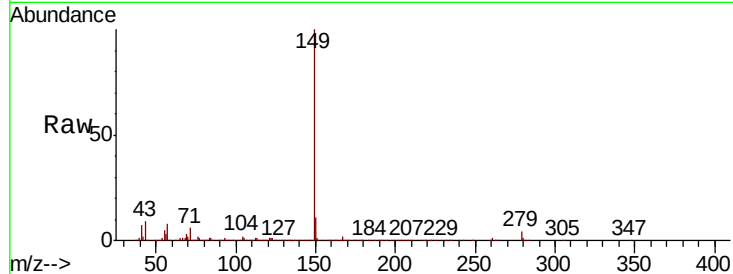
#85
Di-n-octyl phthalate
Concen: 7.730 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.4	8.0	12.0

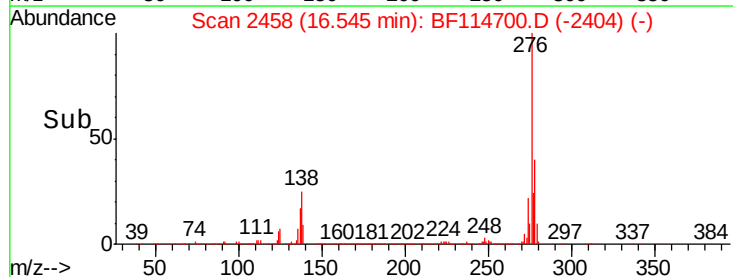
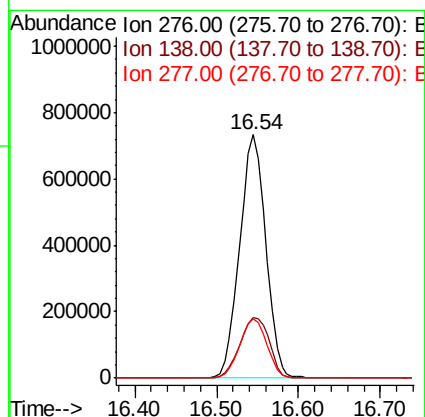
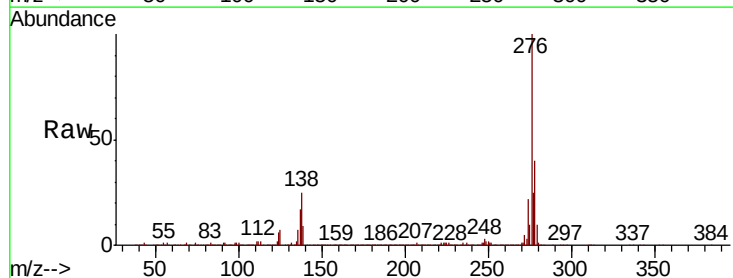
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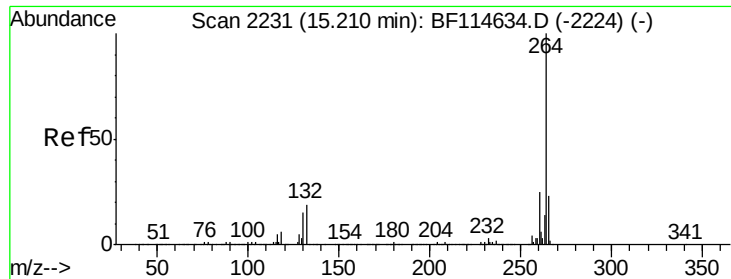
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.781 ng
RT: 16.54 min Scan# 2458
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.0	34.6
277	25.3	20.5	30.7





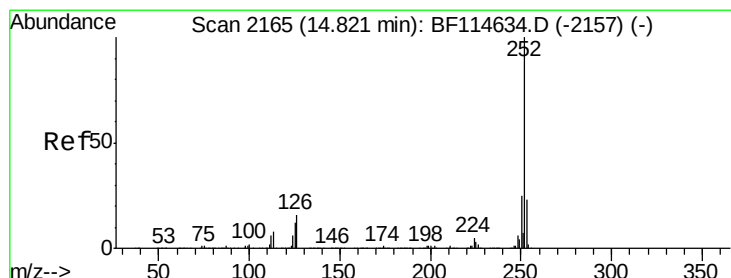
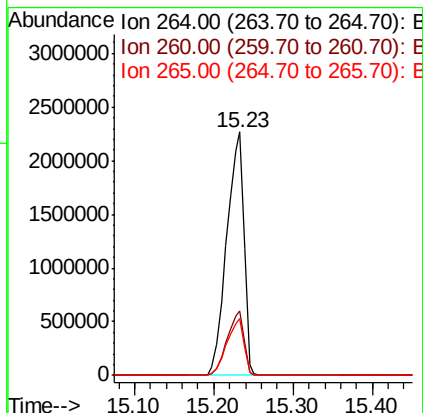
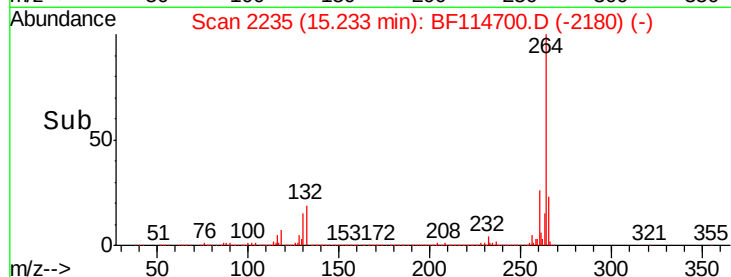
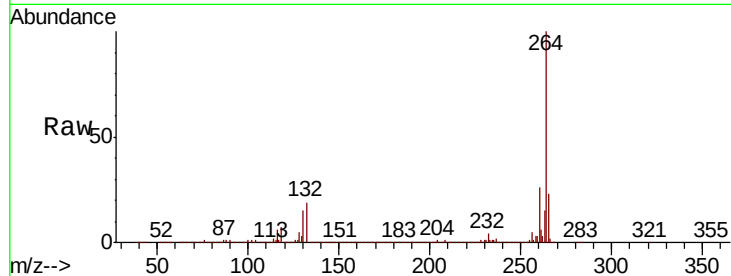
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	26.5	19.7	29.5	
265	23.1	18.1	27.1	

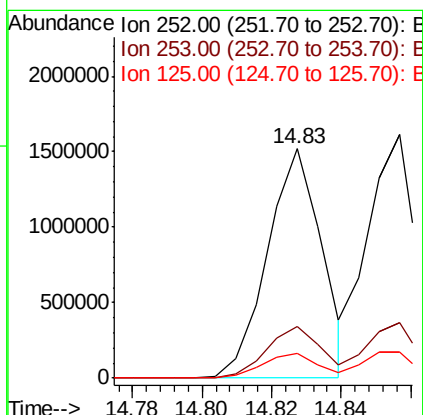
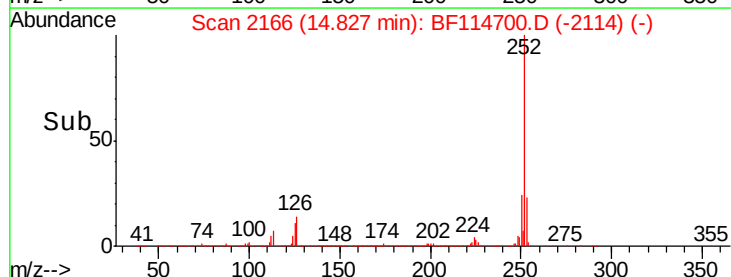
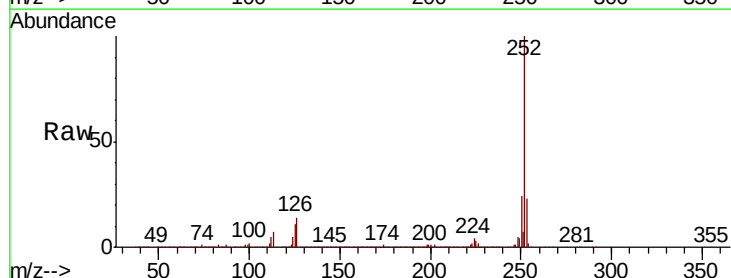
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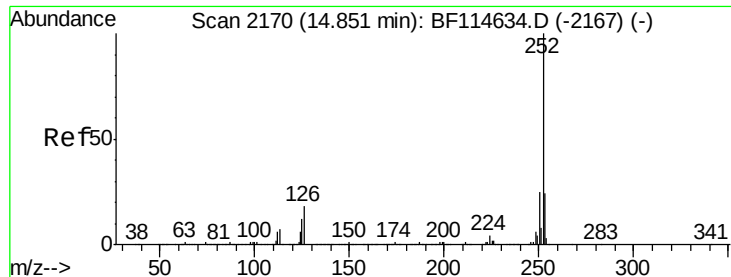
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#88
Benzo(b)fluoranthene
Concen: 7.706 ng m
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.8	18.7	28.1	
125	10.6	9.4	14.2	





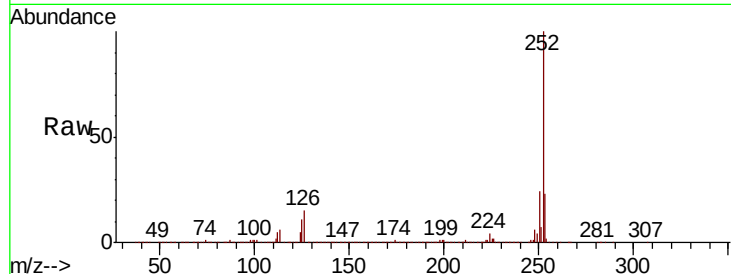
#89
Benzo(k)fluoranthene
Concen: 8.456 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	10.6	9.5	14.3

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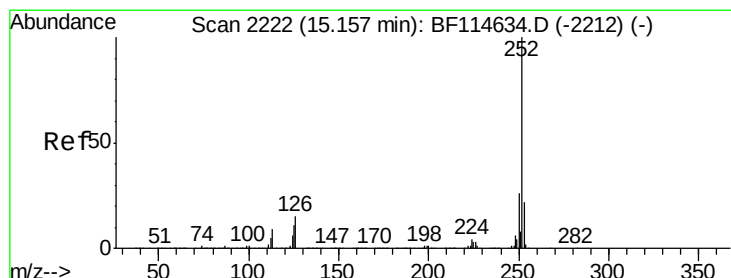
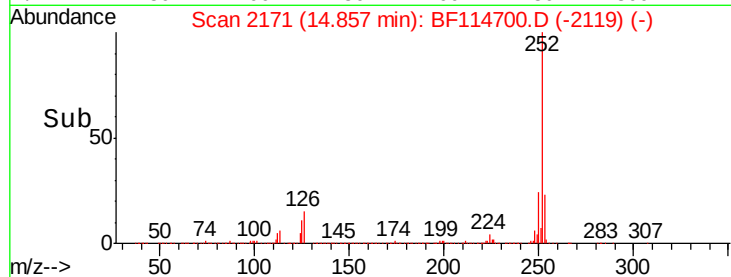
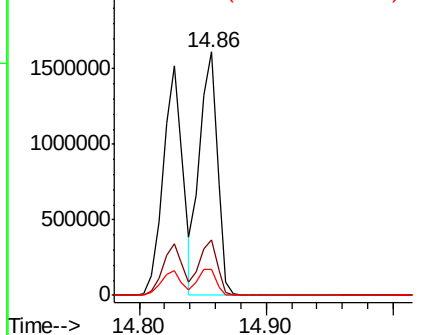


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 8.008 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

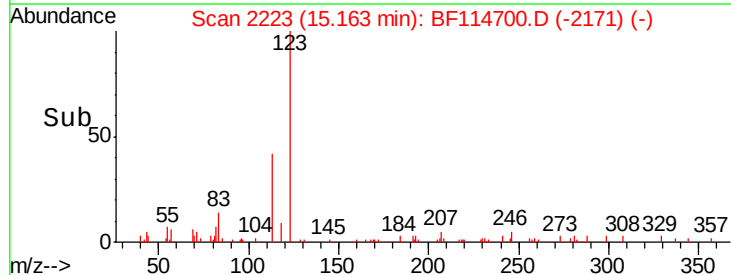
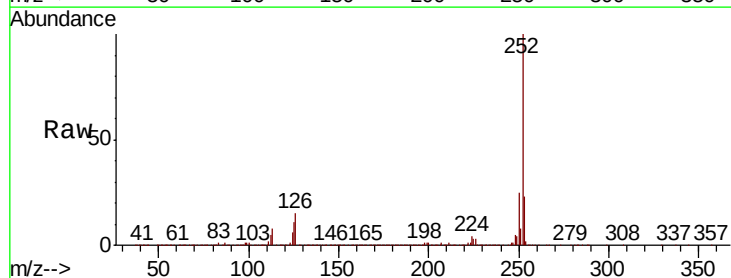
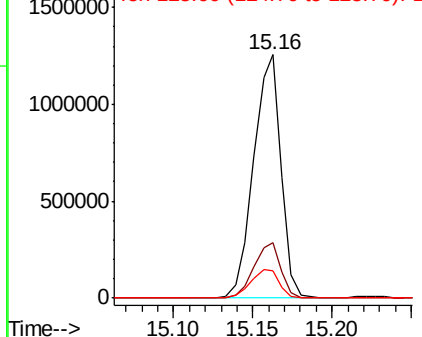
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.4	9.2	13.8

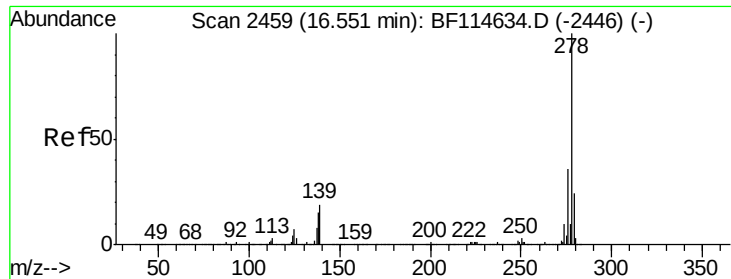
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





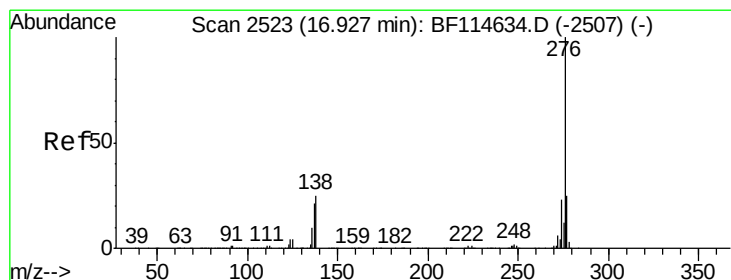
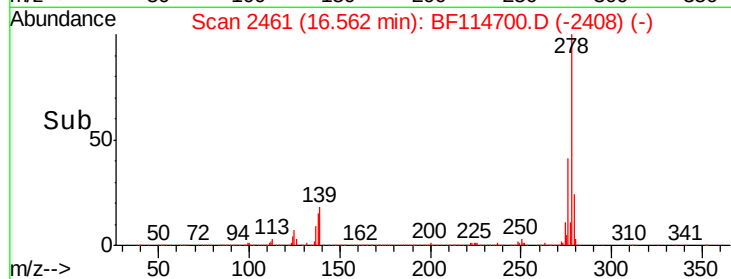
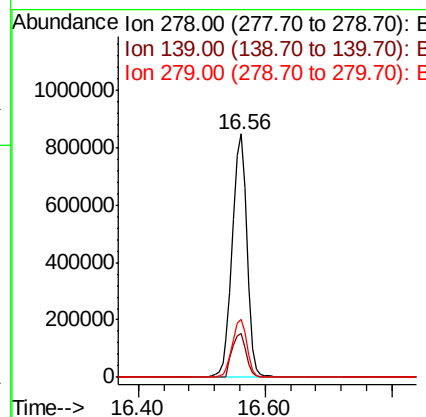
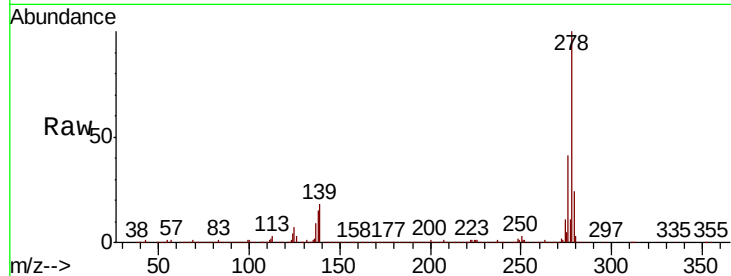
#91
Dibenzo(a,h)anthracene
Concen: 8.155 ng
RT: 16.56 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampled :
PB120137BS

Tot Ion:278 Resp: 1356075
Ion Ratio Lower Upper
278 100
139 18.1 14.9 22.3
279 24.0 19.5 29.3

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#92
Benzo(g,h,i)perylene
Concen: 8.453 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:276 Resp: 1364283
Ion Ratio Lower Upper
276 100
277 23.8 19.7 29.5
138 24.3 19.8 29.8

