

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114770.D
 Acq On : 1 Jun 2019 22:02
 Operator : HP/JU
 Sample : K2639-06MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Manual Integrations
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mohammad
 6/3/2019 8:51:45 AM

Quant Time: Jun 03 04:49:37 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	356963	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1294572	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	575275	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	965763	20.00	ng	0.00
76) Chrysene-d12	13.82	240	646792	20.00	ng	0.00
87) Perylene-d12	15.20	264	620332	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	2373576	116.74	ng	0.04
7) Phenol-d6	6.34	99	2764117	112.82	ng	0.01
23) Nitrobenzene-d5	7.26	82	1943569	93.67	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	715404	130.51	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3362802	115.56	ng	0.00
79) Terphenyl-d14	12.78	244	2862627	83.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	389849	39.956	ng	# 82
3) Pyridine	3.20	79	857986	30.216	ng	97
4) n-Nitrosodimethylamine	3.13	42	421955	36.721	ng	91
6) Aniline	6.36	93	466016	12.592	ng	97
8) 2-Chlorophenol	6.49	128	997095	42.466	ng	99
9) Benzaldehyde	6.24	77	267444	13.755	ng	97
10) Phenol	6.35	94	1035428	34.984	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	928590	41.018	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1004357	37.545	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1015878	37.854	ng	100
14) 1,2-Dichlorobenzene	6.87	146	948728	38.831	ng	99
15) Benzyl Alcohol	6.84	79	810838	42.074	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1258962	36.258	ng	98
17) 2-Methylphenol	6.96	107	812994	40.938	ng	98
18) Hexachloroethane	7.21	117	325999	32.084	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	652631	38.591	ng	95
20) 3+4-Methylphenols	7.11	107	920315	39.402	ng	97
22) Acetophenone	7.11	105	1320037	47.856	ng	98
24) Nitrobenzene	7.27	77	1004820	45.587	ng	97
25) Isophorone	7.52	82	1797827	43.173	ng	98
26) 2-Nitrophenol	7.59	139	491308	45.791	ng	99
27) 2,4-Dimethylphenol	7.64	122	870732	48.797	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1147467	43.287	ng	99
29) 2,4-Dichlorophenol	7.83	162	834418	45.941	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	907285	43.845	ng	99
31) Naphthalene	8.00	128	2866527	48.072	ng	100
32) Benzoic acid	7.74	122	230653	19.901	ng	98
33) 4-Chloroaniline	8.04	127	270117	9.508	ng	98
34) Hexachlorobutadiene	8.13	225	478697	41.643	ng	99
35) Caprolactam	8.41	113	224431m	36.616	ng	
36) 4-Chloro-3-methylphenol	8.53	107	815992	44.799	ng	99
37) 2-Methylnaphthalene	8.69	142	1852062	46.746	ng	100
38) 1-Methylnaphthalene	8.79	142	1755725	46.772	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	825902	53.910	ng	99

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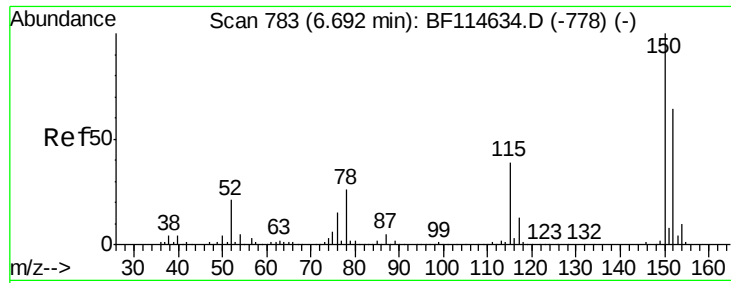
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	218191	21.552	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	565202	46.888	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	593211	49.315	ng	97
46) 1,1'-Biphenyl	9.15	154	2127945	49.831	ng	99
47) 2-Chloronaphthalene	9.17	162	1672661	47.751	ng	99
48) 2-Nitroaniline	9.26	65	497627	46.035	ng	97
49) Acenaphthylene	9.59	152	2493040	46.069	ng	100
50) Dimethylphthalate	9.45	163	1968858	49.116	ng	100
51) 2,6-Dinitrotoluene	9.51	165	429893	46.153	ng	95
52) Acenaphthene	9.76	154	1487759	44.828	ng	99
53) 3-Nitroaniline	9.67	138	299822	26.300	ng	98
54) 2,4-Dinitrophenol	9.77	184	43018	11.709	ng	# 88
55) Dibenzofuran	9.93	168	2176841	46.079	ng	99
56) 4-Nitrophenol	9.83	139	621200	73.532	ng	91
57) 2,4-Dinitrotoluene	9.91	165	519271	43.438	ng	# 87
58) Fluorene	10.27	166	1506032	49.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	450890	45.794	ng	98
60) Diethylphthalate	10.15	149	1878977	45.894	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	763737	49.867	ng	100
62) 4-Nitroaniline	10.28	138	429100	38.627	ng	95
63) Azobenzene	10.42	77	1598365	42.522	ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	37023	8.646	ng	95
66) n-Nitrosodiphenylamine	10.38	169	1477876	51.794	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	505234	48.784	ng	98
68) Hexachlorobenzene	10.82	284	520556	46.406	ng	98
69) Atrazine	10.91	200	438353	51.435	ng	99
70) Pentachlorophenol	11.01	266	476699	73.721	ng	98
71) Phenanthrene	11.22	178	2214694	44.955	ng	99
72) Anthracene	11.27	178	2248912	45.104	ng	100
73) Carbazole	11.43	167	2015234	45.988	ng	98
74) Di-n-butylphthalate	11.77	149	2479216	47.495	ng	99
75) Fluoranthene	12.40	202	2162159	42.385	ng	97
77) Benzidine	12.52	184	262827	9.868	ng	98
78) Pyrene	12.63	202	2197418	40.162	ng	99
80) Butylbenzylphthalate	13.26	149	1049938	38.184	ng	96
81) Benzo(a)anthracene	13.81	228	2038310	41.009	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	667765	34.788	ng	99
83) Chrysene	13.84	228	2032410	42.799	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1337994	39.359	ng	98
85) Di-n-octyl phthalate	14.43	149	2416820	40.919	ng	97
86) Indeno(1,2,3-cd)pyrene	16.53	276	1495568	31.445	ng	99
88) Benzo(b)fluoranthene	14.82	252	1982460	50.740	ng	99
89) Benzo(k)fluoranthene	14.84	252	1686632	49.666	ng	100
90) Benzo(a)pyrene	15.15	252	1650597	48.090	ng	99
91) Dibenzo(a,h)anthracene	16.54	278	1280389	42.215	ng	99
92) Benzo(g,h,i)perylene	16.93	276	1219460	41.426	ng	98

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



#1

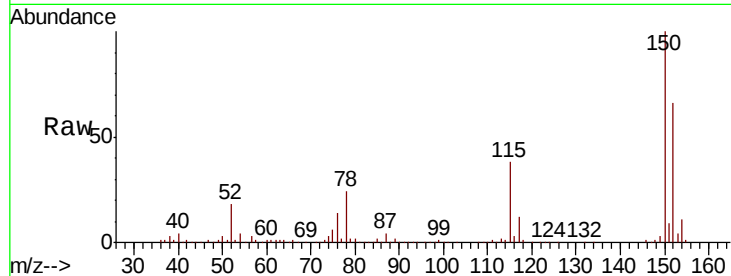
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.4	186.6
115	57.6	48.7	73.1

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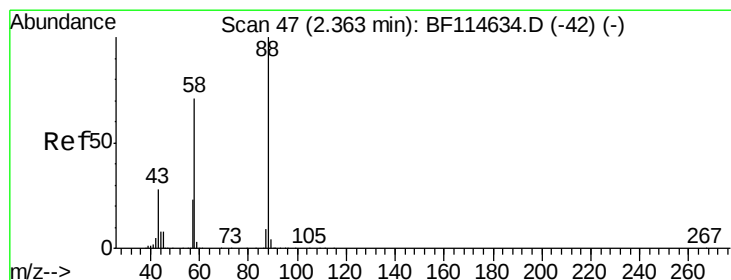
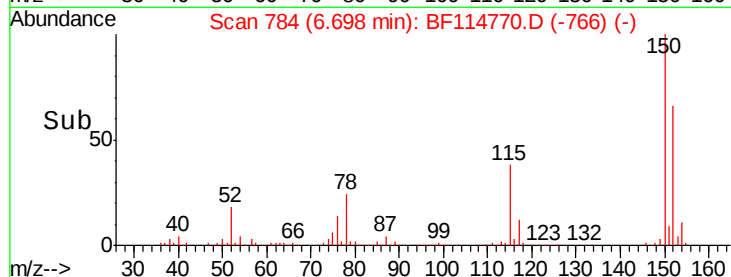
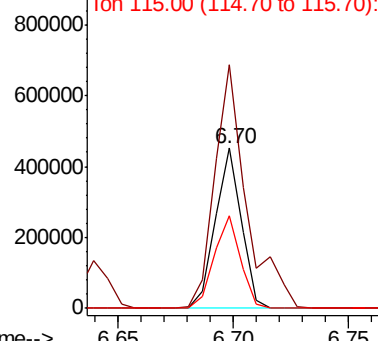


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

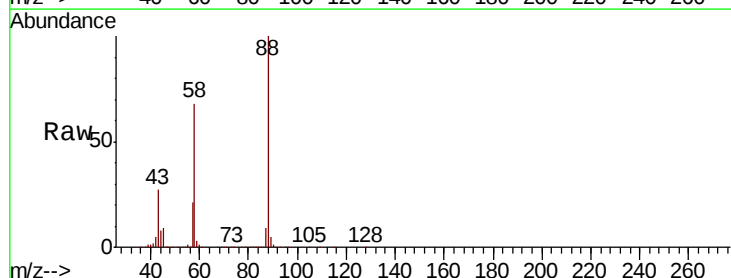
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.956 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.20 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	57.2	85.8
43	0.0	22.6	33.8

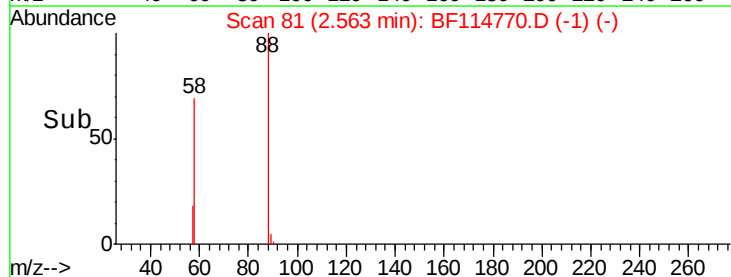
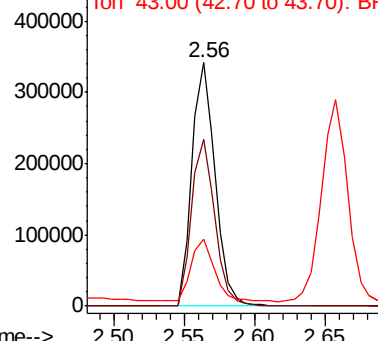


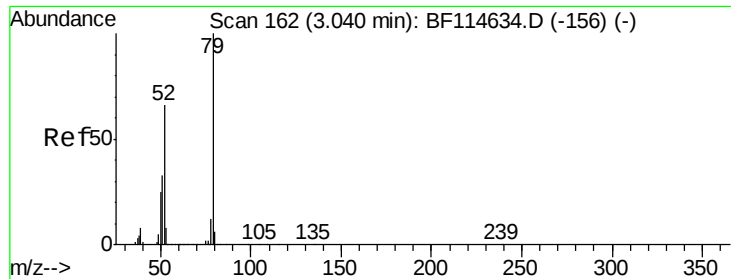
Abundance

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





#3

Pvridine

Concen: 30.216 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.16 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

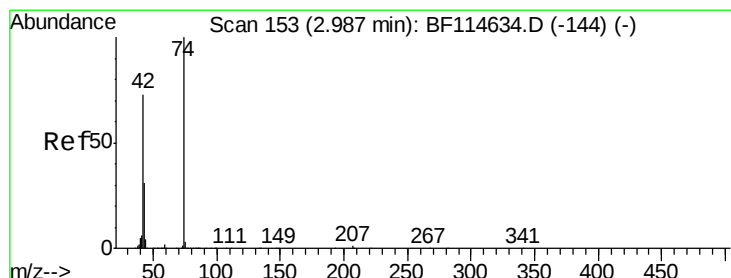
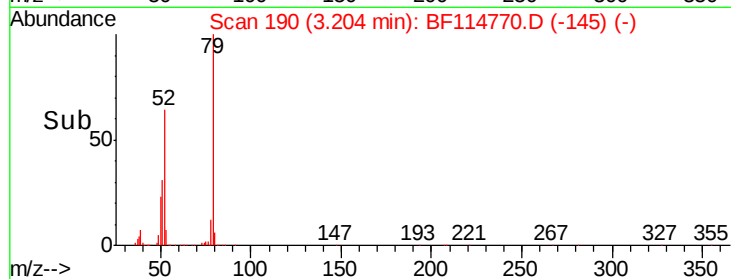
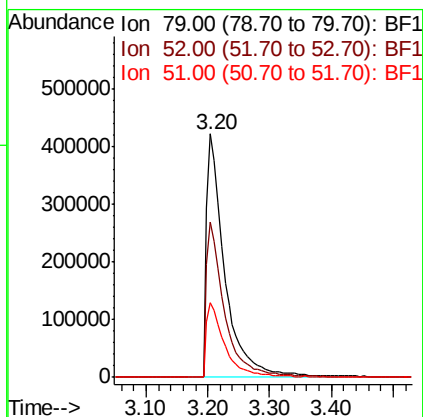
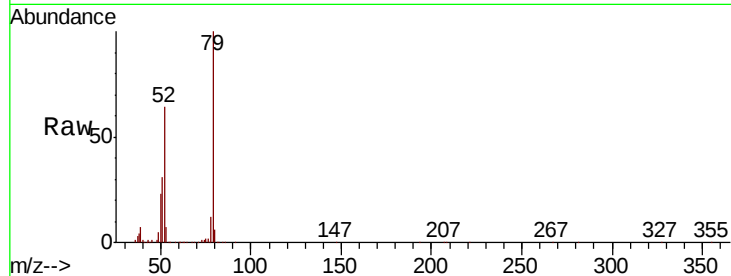
ClientSampleId :

NB-07-053019-AMS

Tot Ion:	79	Resp:	857986
Ion	Ratio	Lower	Upper
79	100		
52	63.6	52.8	79.2
51	30.8	26.3	39.5

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#4

n-Nitrosodimethylamine

Concen: 36.721 ng

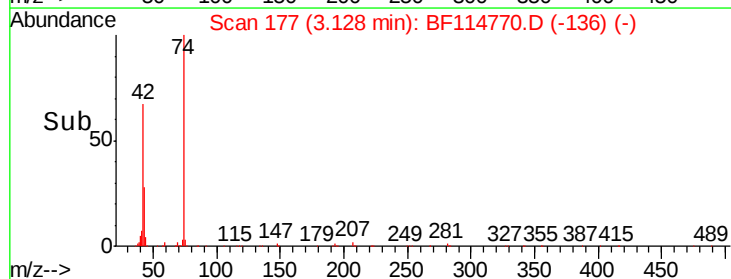
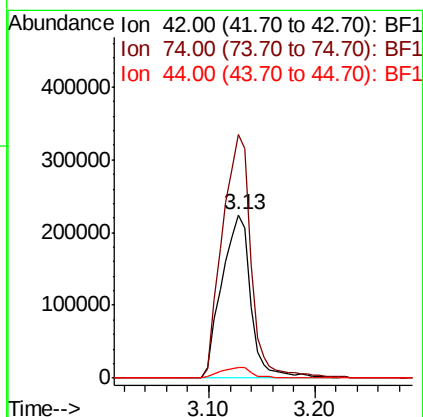
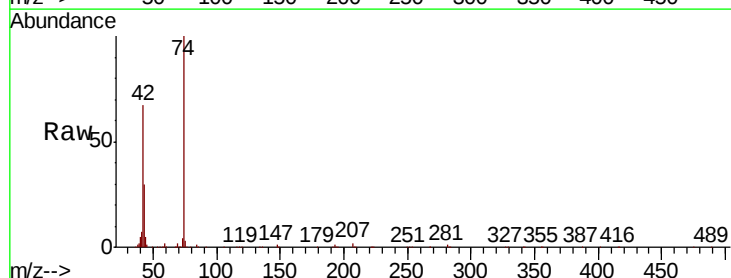
RT: 3.13 min Scan# 177

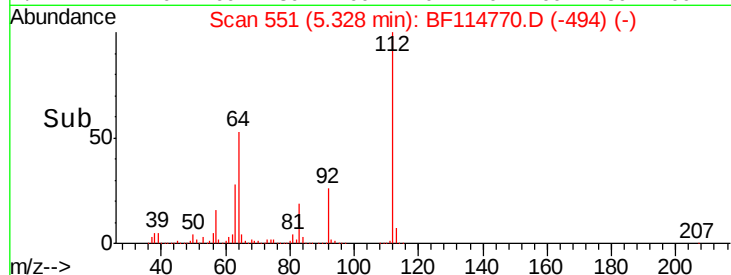
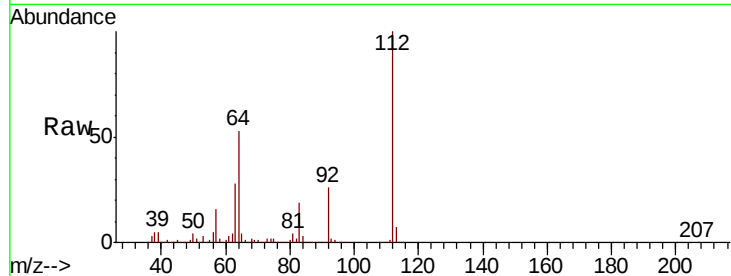
Delta R.T. 0.14 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	42	Resp:	421955
Ion	Ratio	Lower	Upper
42	100		
74	149.2	110.0	165.0
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 116.743 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.04 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tot Ion:	112	Resp:	2373576
Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.1	69.1
63	28.0	23.4	35.2

Instrument :

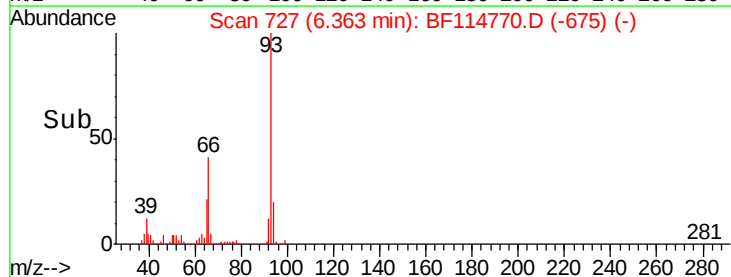
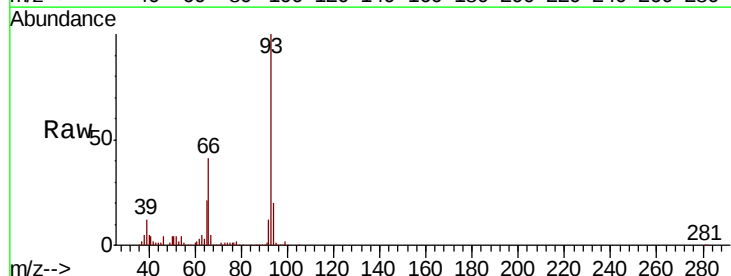
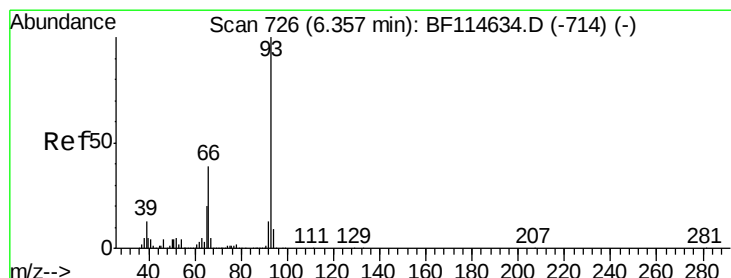
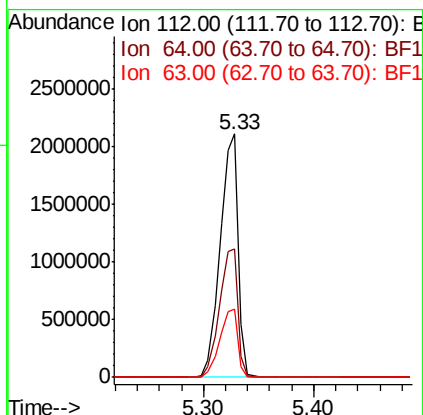
BNA_F

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#6

Aniline

Concen: 12.592 ng

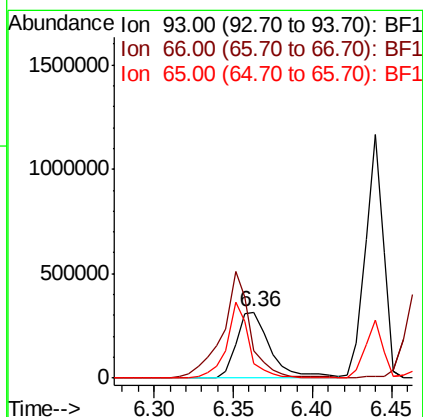
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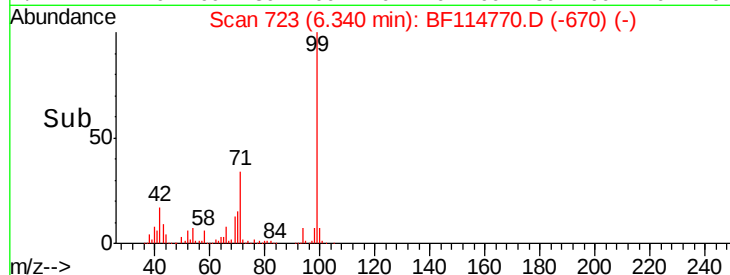
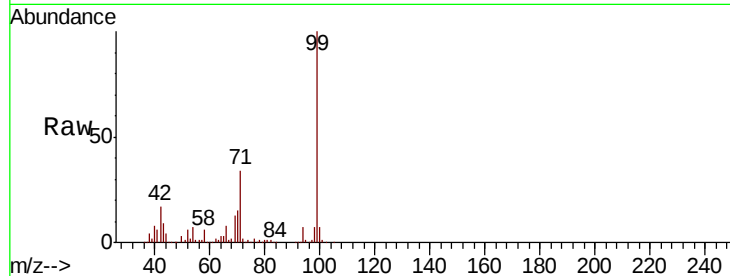
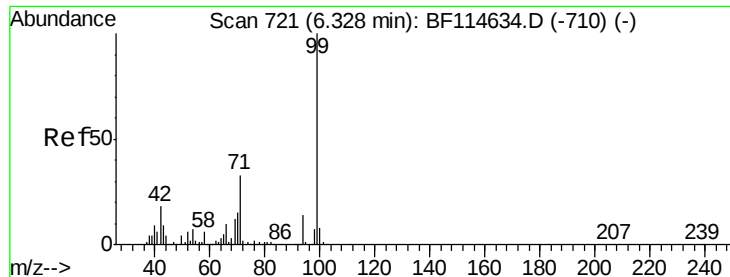
Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	93	Resp:	466016
Ion	Ratio	Lower	Upper
93	100		
66	41.0	31.4	47.2
65	21.4	16.2	24.2





#7

Phenol-d6

Concen: 112.820 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.3	14.7	22.1	
71	34.1	26.6	40.0	

Instrument :

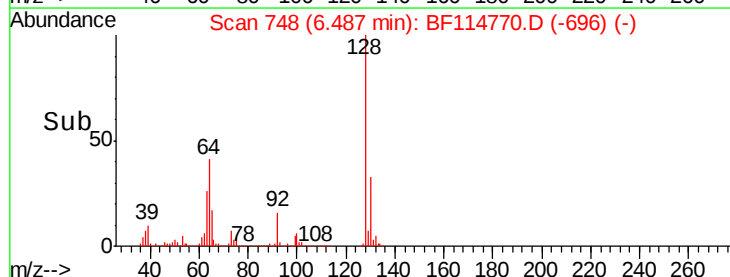
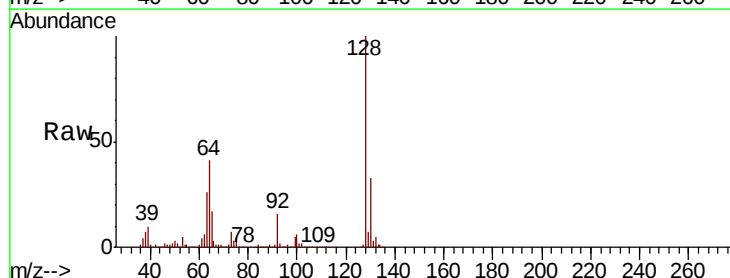
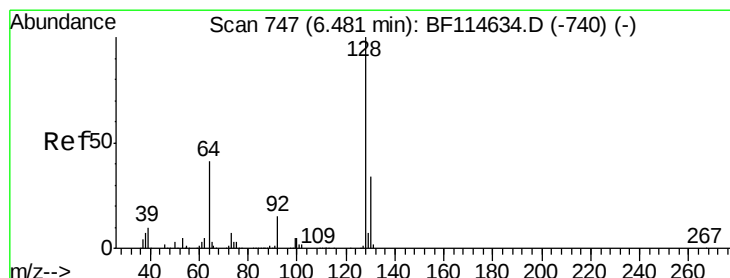
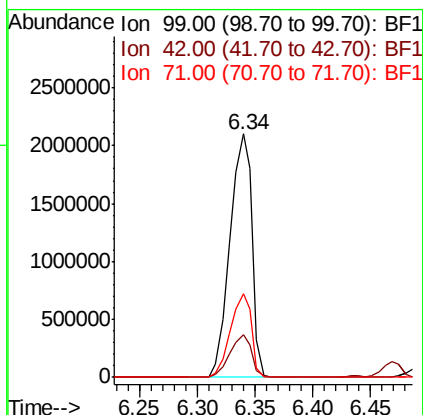
BNA_F

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#8

2-Chlorophenol

Concen: 42.466 ng

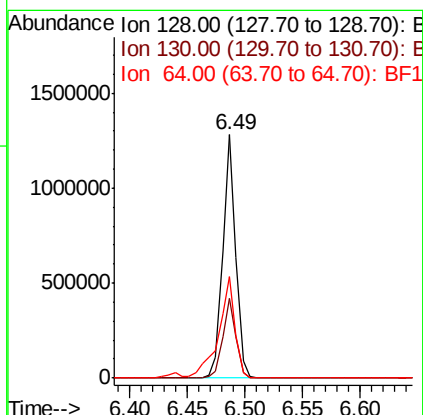
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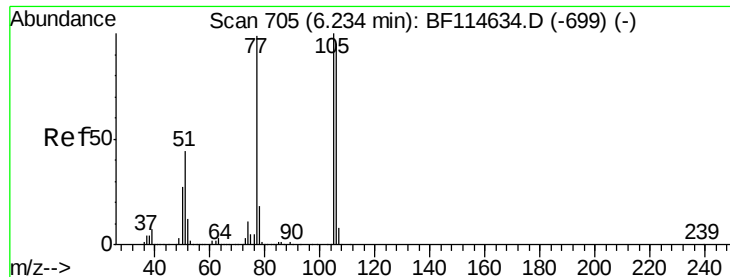
Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	33.0	13.9	53.9	
64	41.5	22.0	62.0	





#9

Benzaldehyde

Concen: 13.755 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

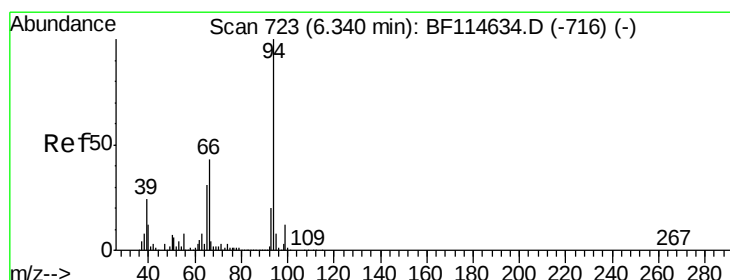
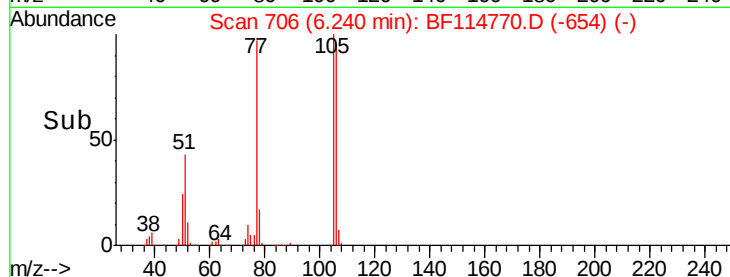
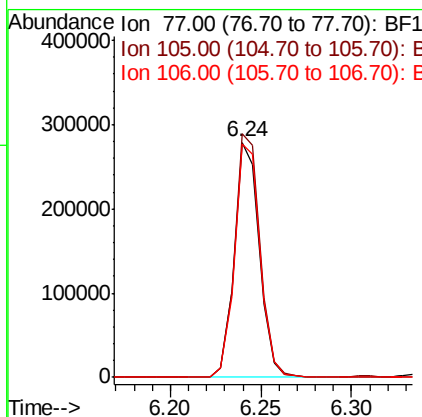
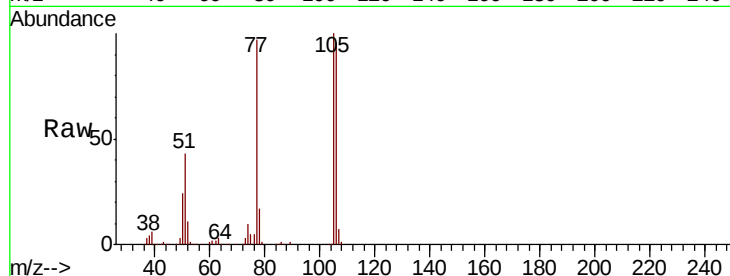
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Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	80.8	120.8
106	99.6	76.2	116.2

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#10

Phenol

Concen: 34.984 ng

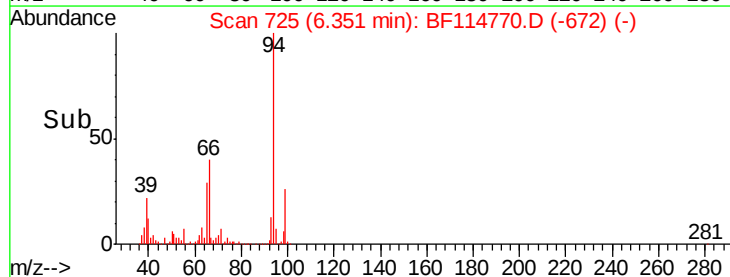
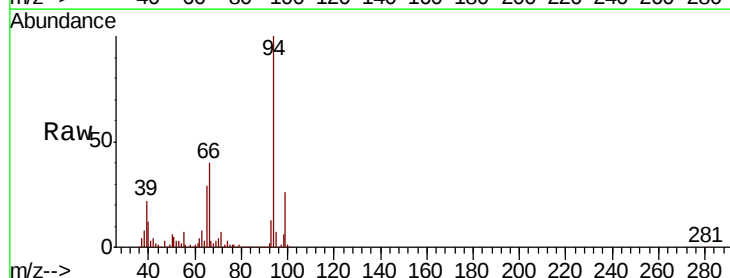
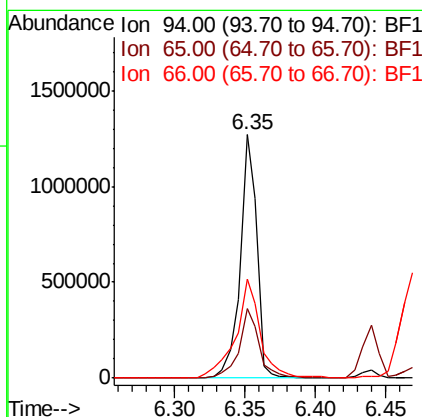
RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	11.0	51.0
66	40.4	23.0	63.0





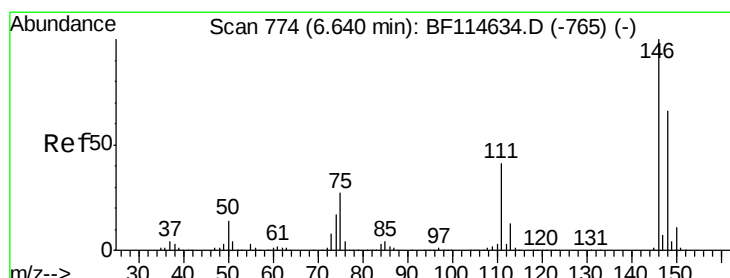
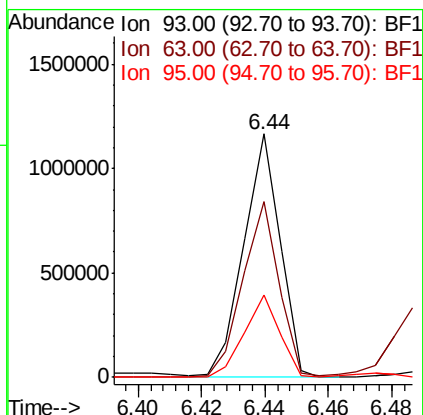
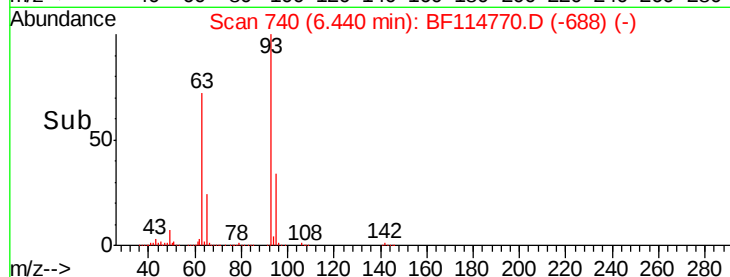
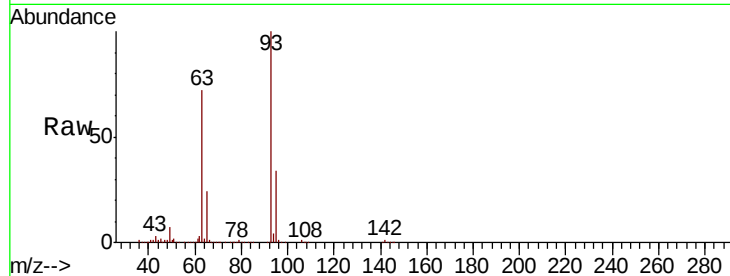
#11
bis(2-Chloroethyl)ether
Concen: 41.018 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	928590		
63	72.1	55.0	95.0	
95	33.6	13.5	53.5	

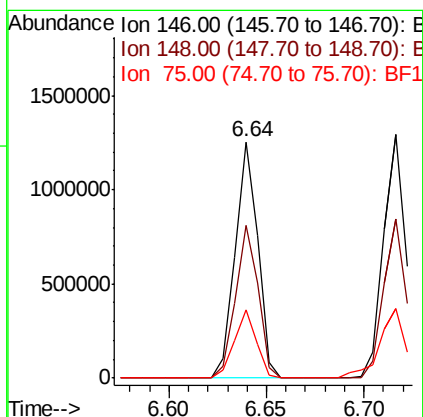
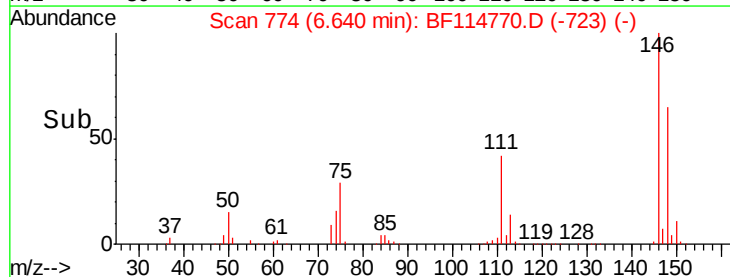
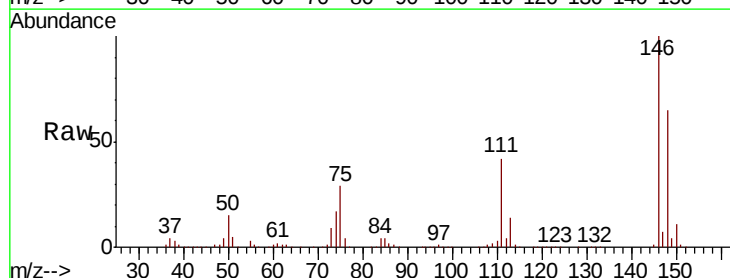
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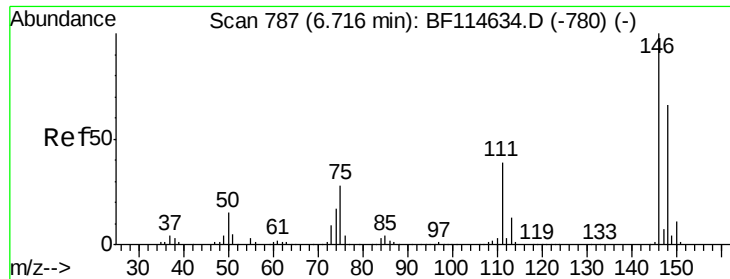
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.545 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1004357		
148	64.5	52.9	79.3	
75	28.8	22.0	33.0	





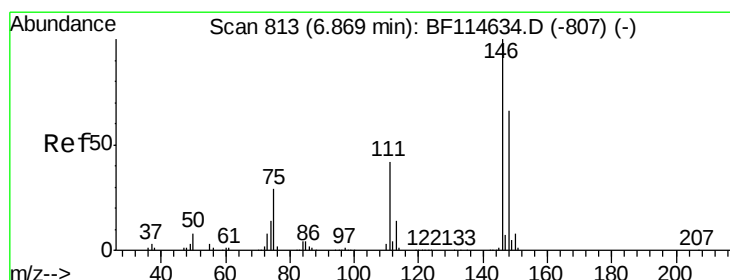
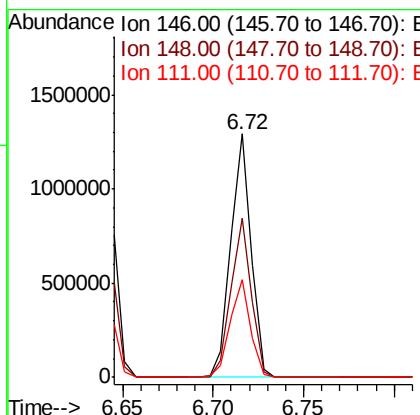
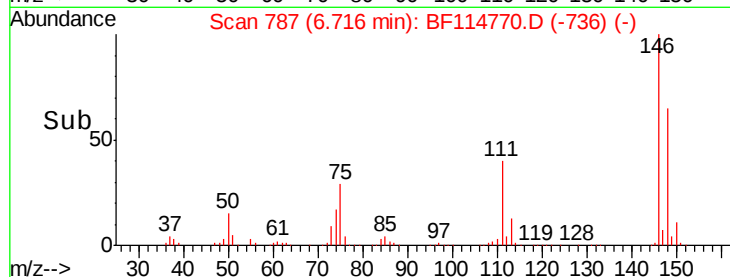
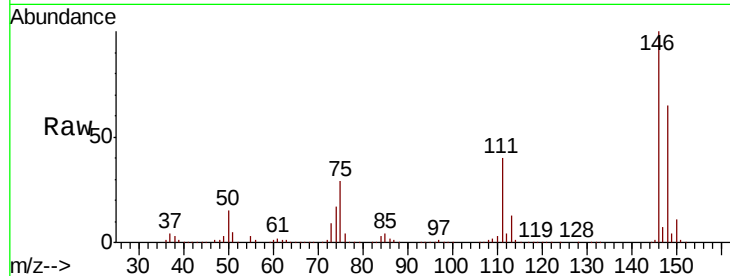
#13
 1,4-Dichlorobenzene
 Concen: 37.854 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tot Ion:146 Resp: 1015878
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 40.0 31.4 47.2

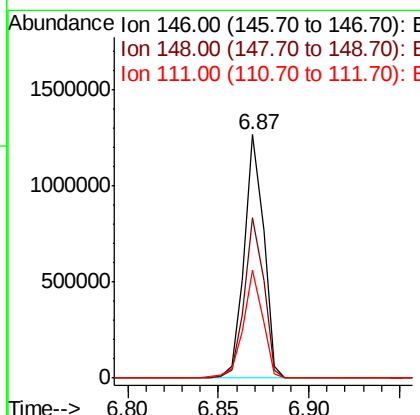
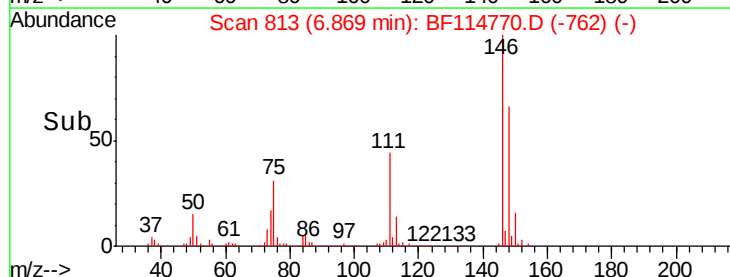
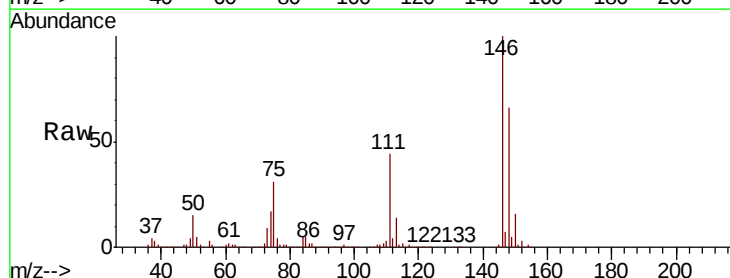
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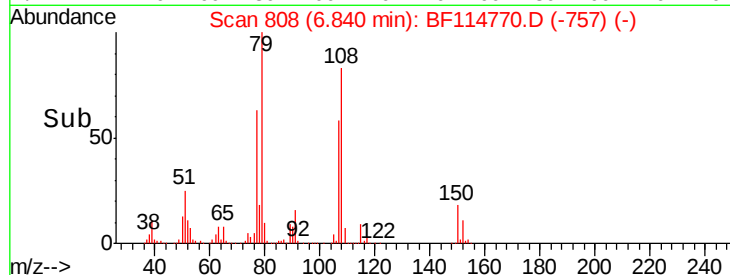
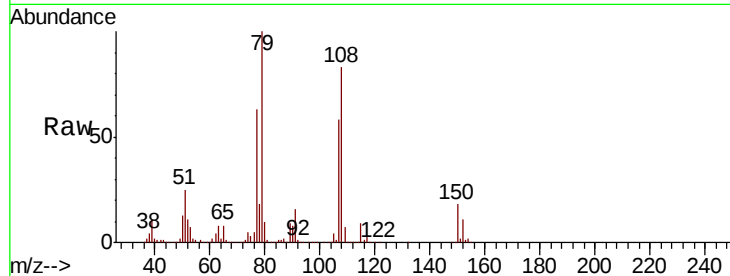
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#14
 1,2-Dichlorobenzene
 Concen: 38.831 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:146 Resp: 948728
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 44.3 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.074 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tot Ion:	79	Resp:	810838
Ion Ratio	Lower	Upper	
79	100		
108	82.7	67.8	101.8
77	63.4	50.7	76.1

Instrument :

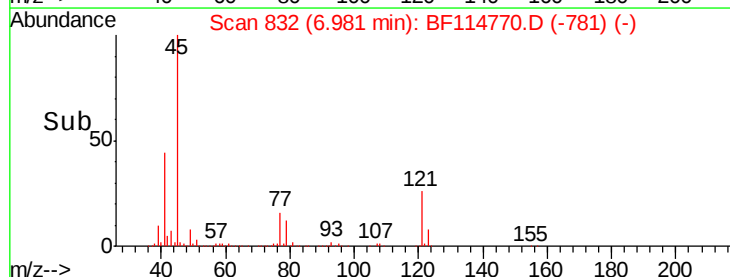
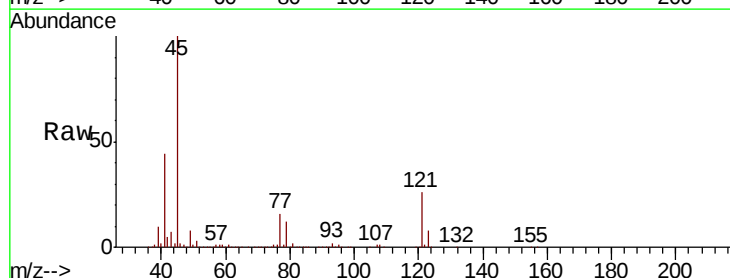
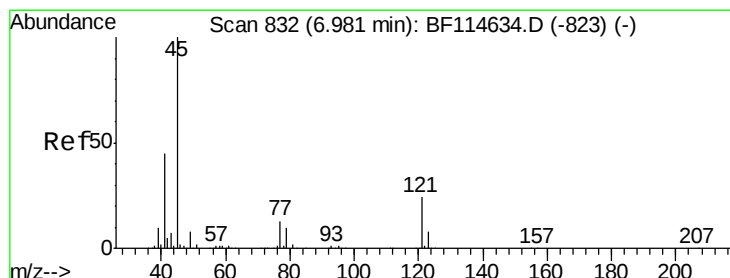
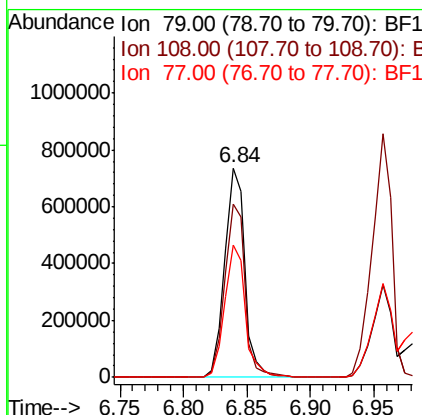
BNA_F

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.258 ng

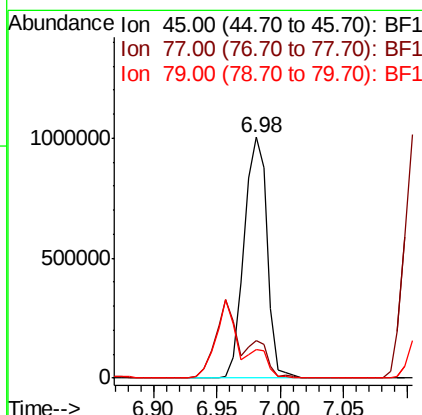
RT: 6.98 min Scan# 832

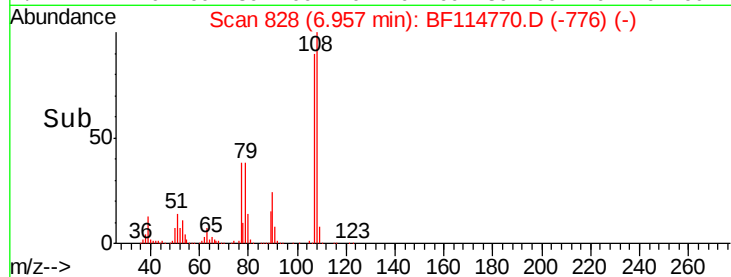
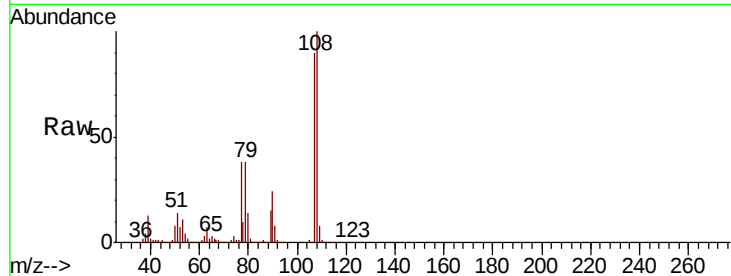
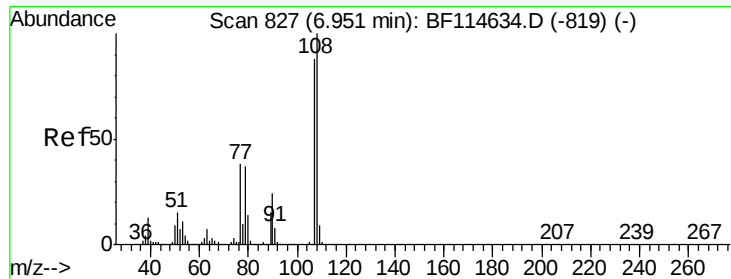
Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	45	Resp:	1258962
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	34.7
79	11.9	0.0	31.3





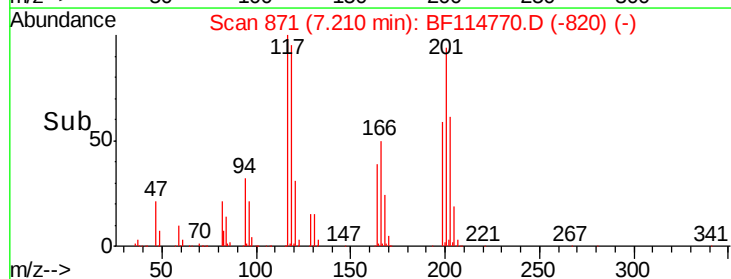
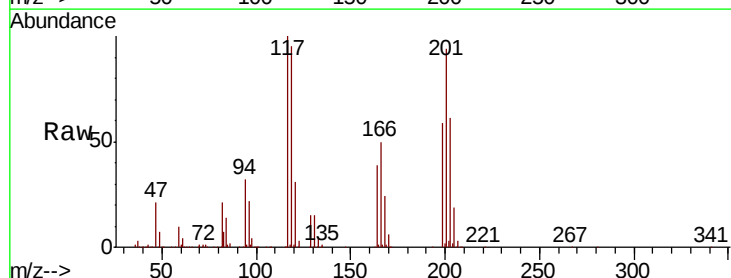
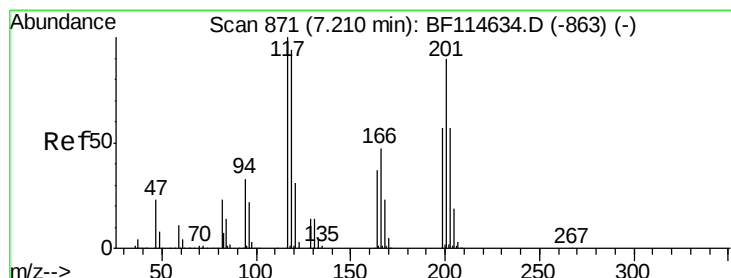
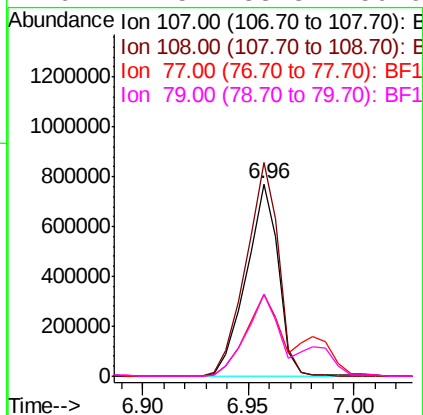
#17
2-Methylphenol
Concen: 40.938 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	91.1	136.7	
77	42.6	34.9	52.3	
79	42.5	33.8	50.6	

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

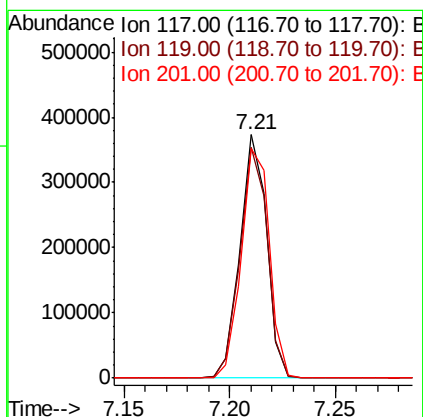
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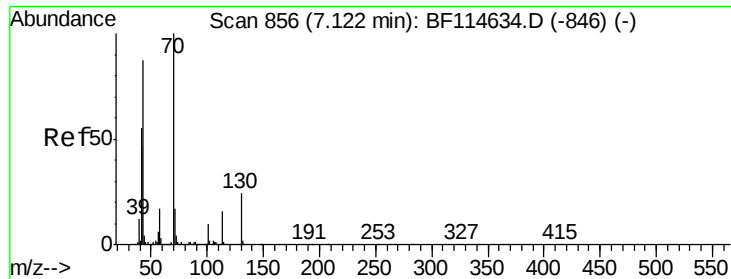
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#18
Hexachloroethane
Concen: 32.084 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.6	113.4	
201	94.2	71.7	107.5	





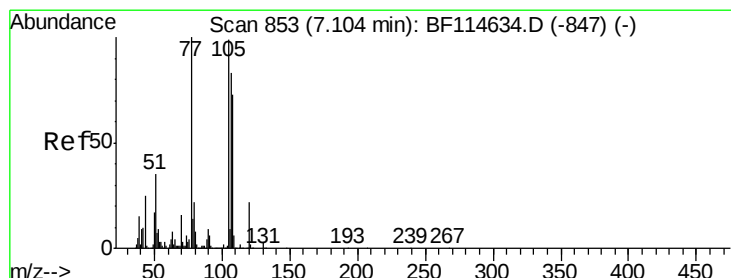
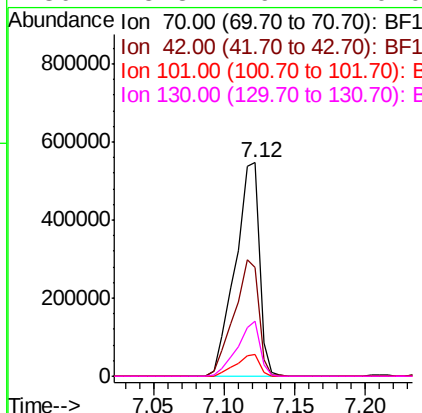
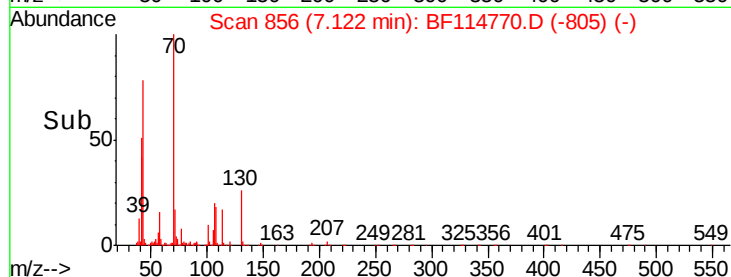
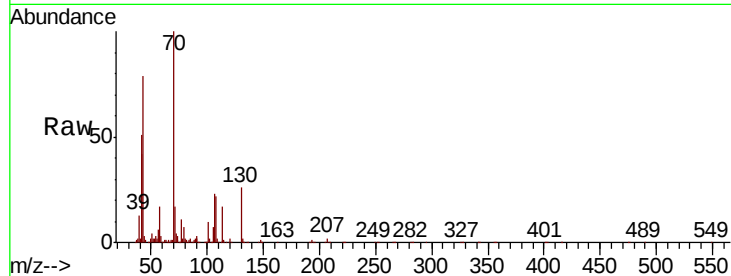
#19
n-Nitroso-di-n-propylamine
Concen: 38.591 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.0	44.4	66.6	
101	10.4	8.2	12.4	
130	25.8	19.4	29.0	

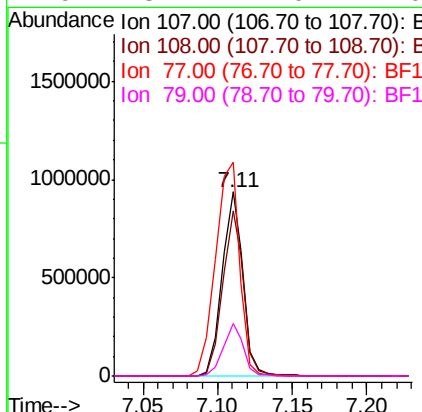
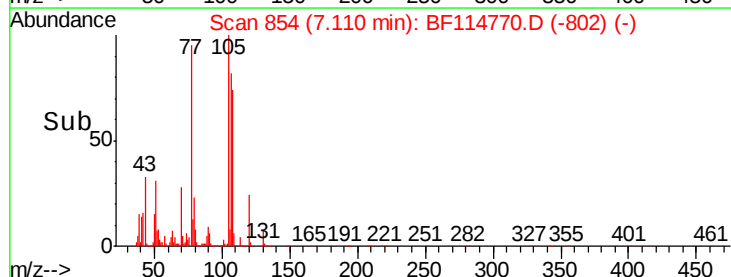
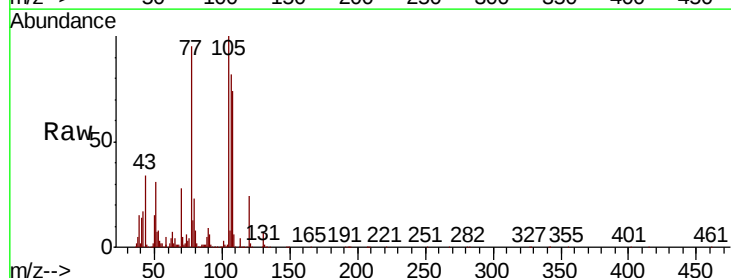
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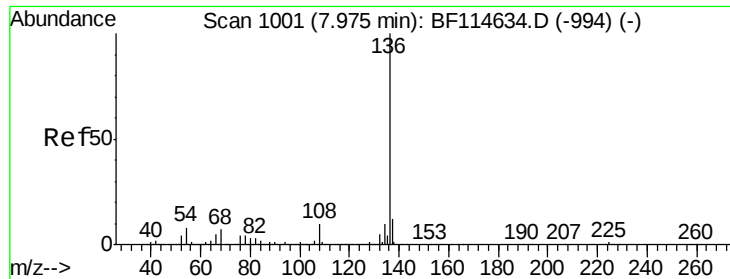
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#20
3+4-Methylphenols
Concen: 39.402 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	68.6	108.6	
77	116.0	100.5	140.5	
79	28.2	7.0	47.0	





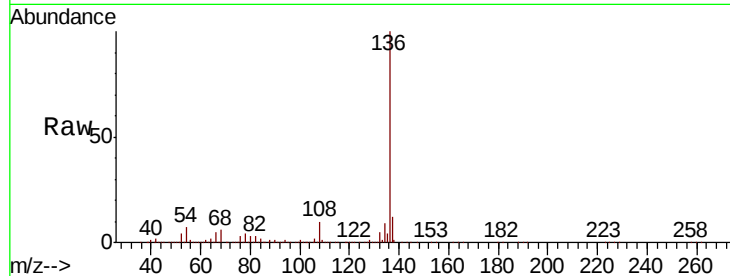
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	136	Resp	1294572
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	7.3	6.3	9.5
68	6.1	5.4	8.0

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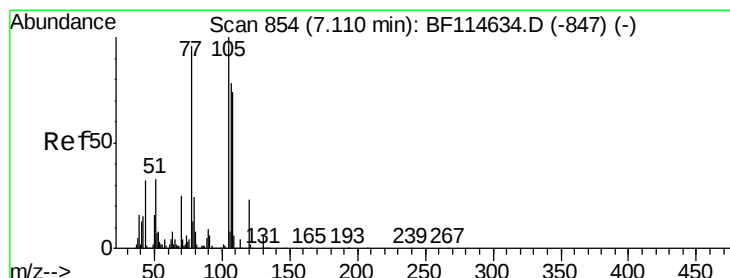
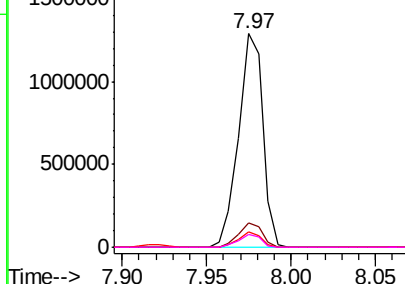
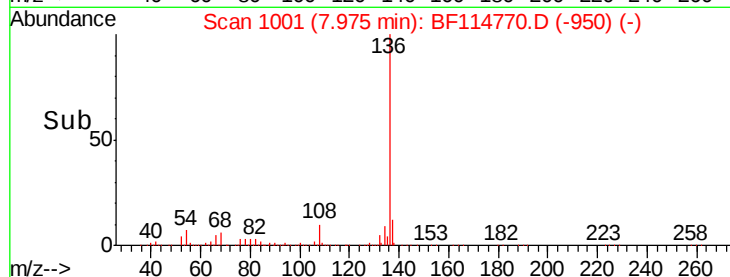
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.856 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	105	Resp	1320037
Ion Ratio	Lower	Upper	
105	100		
71	4.9	3.6	5.4
51	31.0	26.0	39.0
120	23.8	18.8	28.2

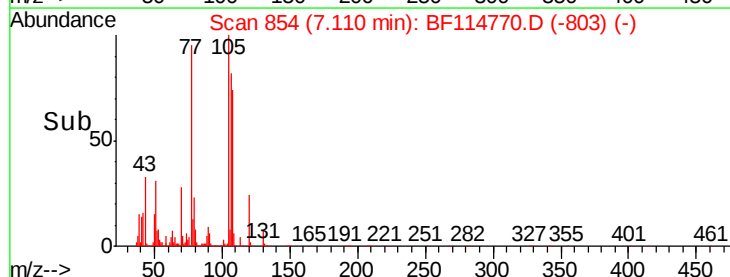
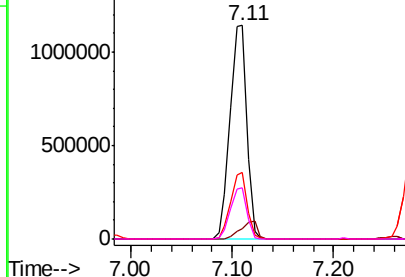
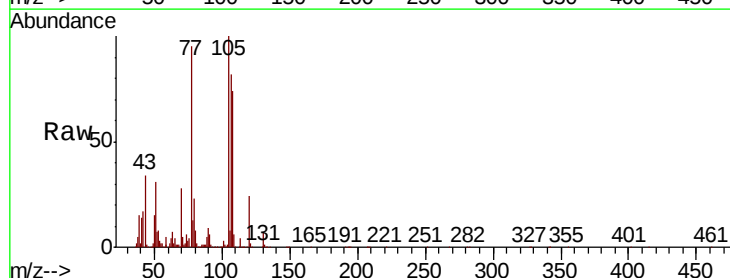
Abundance

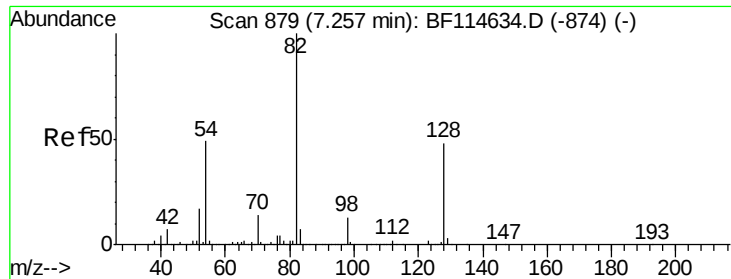
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





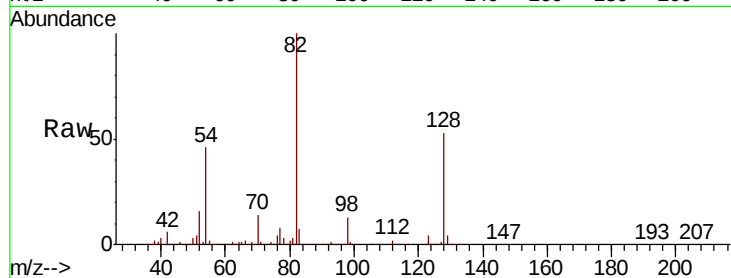
#23
Nitrobenzene-d5
Concen: 93.666 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	82	Resp	1943569
Ion Ratio	100	Lower	Upper
128	53.0	38.5	57.7
54	45.9	39.1	58.7

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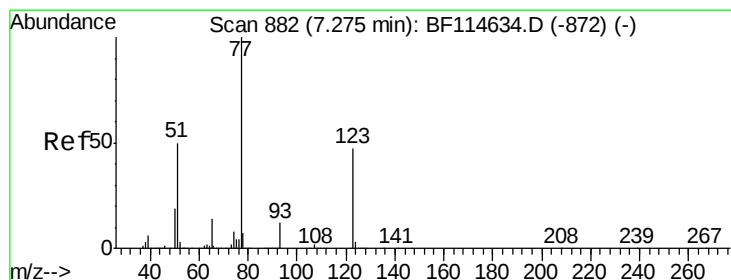
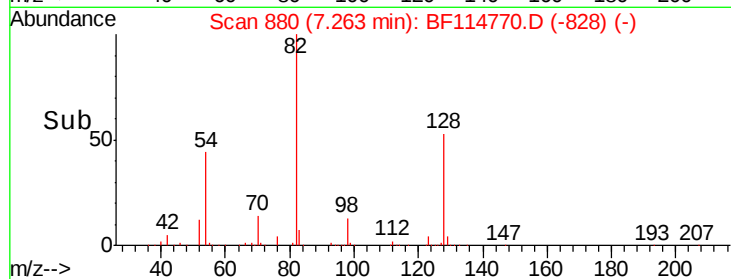
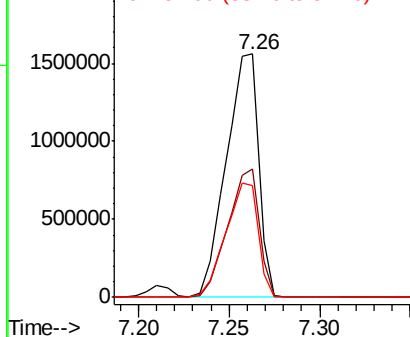


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 45.587 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

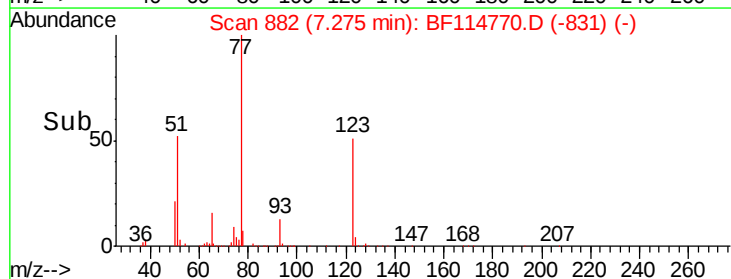
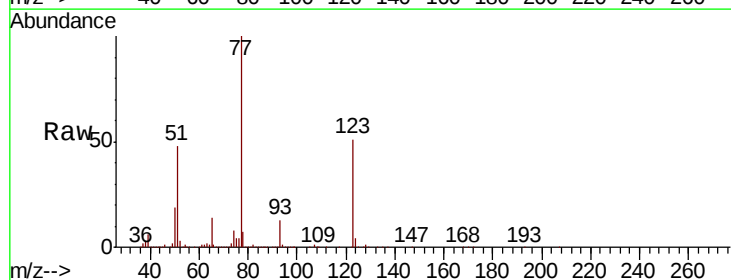
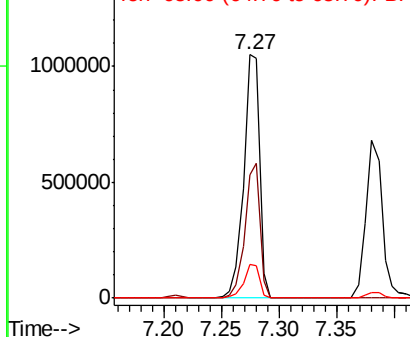
Tgt Ion	77	Resp	1004820
Ion Ratio	100	Lower	Upper
123	50.7	38.5	57.7
65	13.8	11.2	16.8

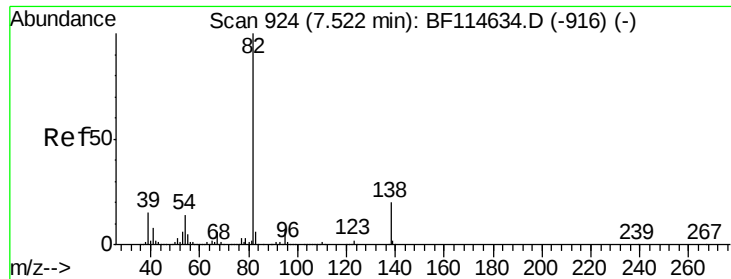
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.173 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

Tot Ion: 82 Resp: 1797827

Ion Ratio Lower Upper

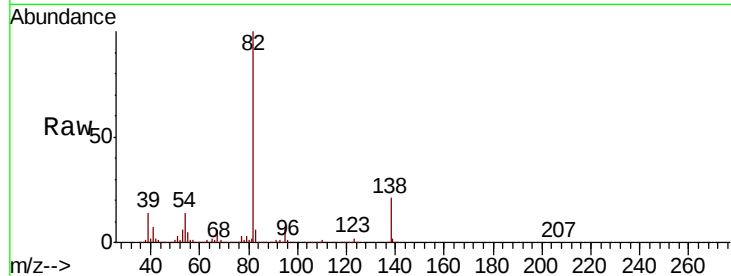
82 100

95 7.4 5.6 8.4

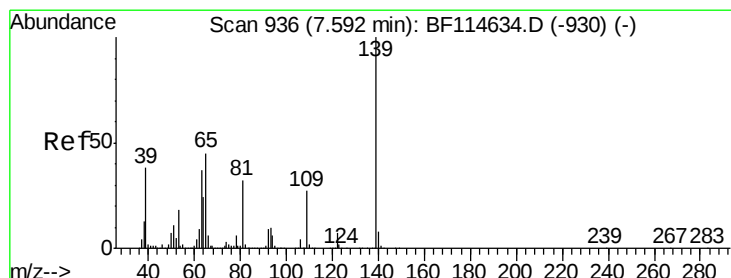
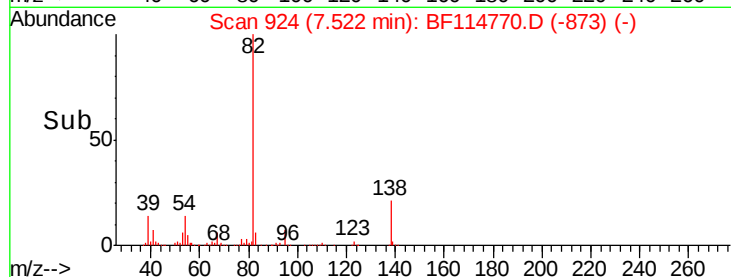
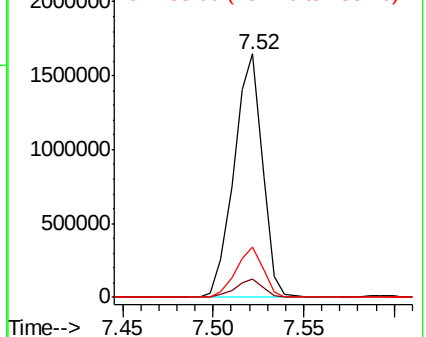
138 20.9 15.9 23.9

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.791 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

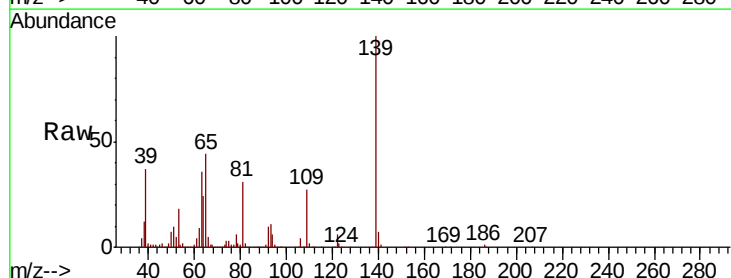
Tgt Ion: 139 Resp: 491308

Ion Ratio Lower Upper

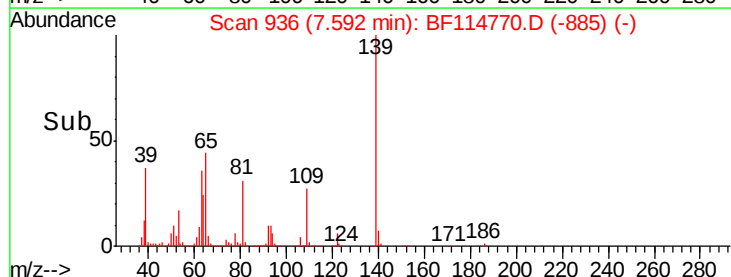
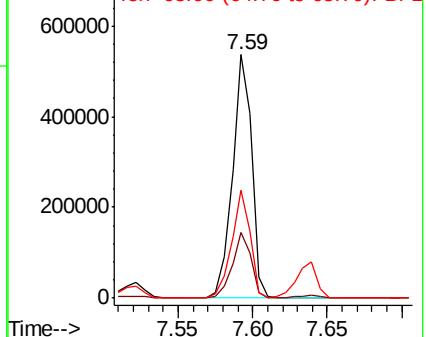
139 100

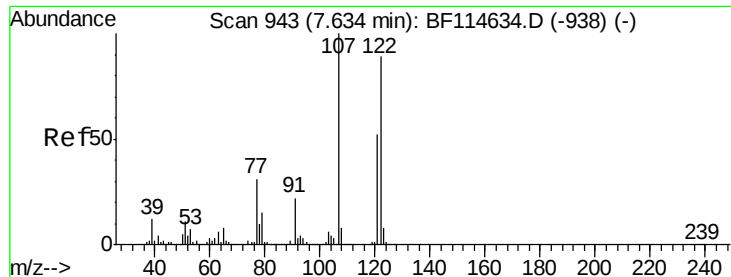
109 27.0 21.7 32.5

65 44.4 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.797 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

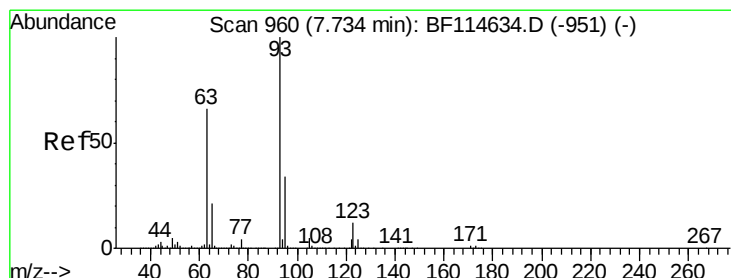
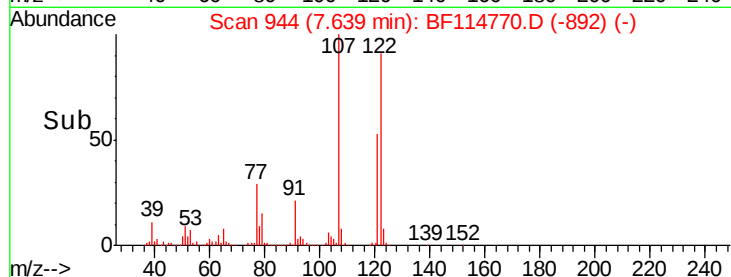
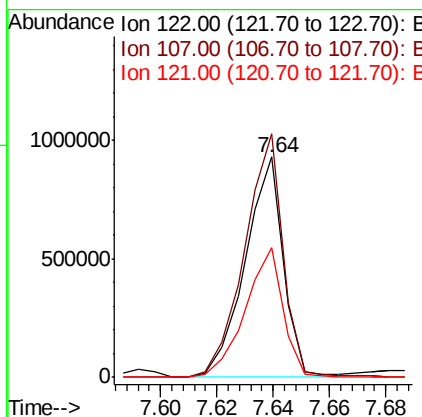
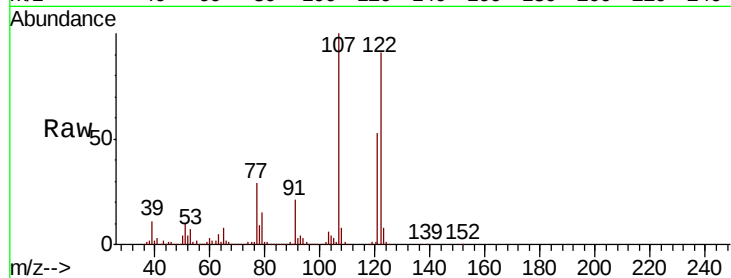
ClientSampleId :

NB-07-053019-AMS

Tot Ion:	122	Resp:	870732
Ion Ratio	Lower	Upper	
122	100		
107	110.4	89.3	133.9
121	59.0	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 43.287 ng

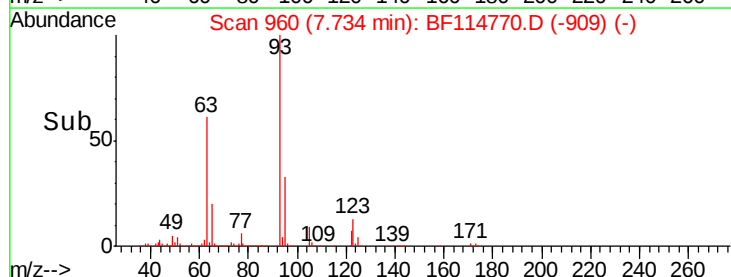
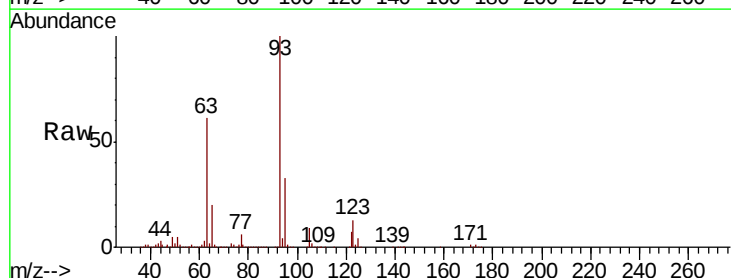
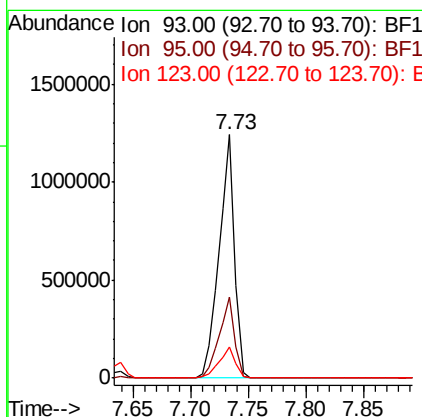
RT: 7.73 min Scan# 960

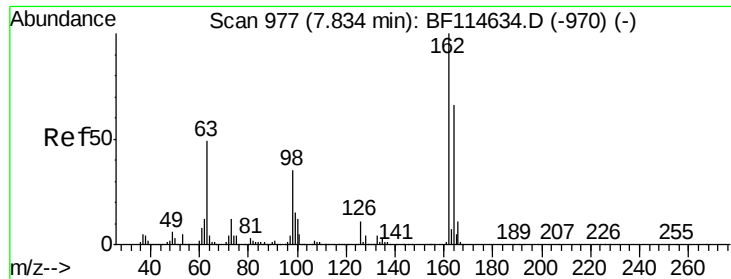
Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	93	Resp:	1147467
Ion Ratio	Lower	Upper	
93	100		
95	33.0	27.0	40.4
123	12.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 45.941 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

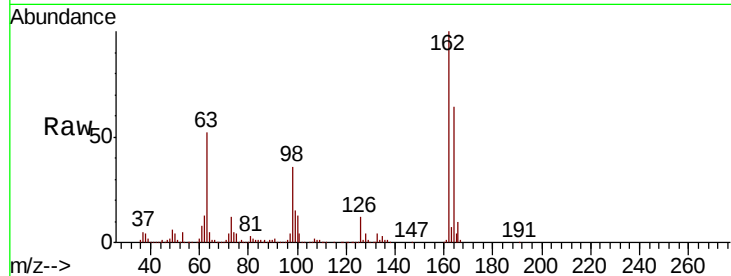
ClientSampleId :

NB-07-053019-AMS

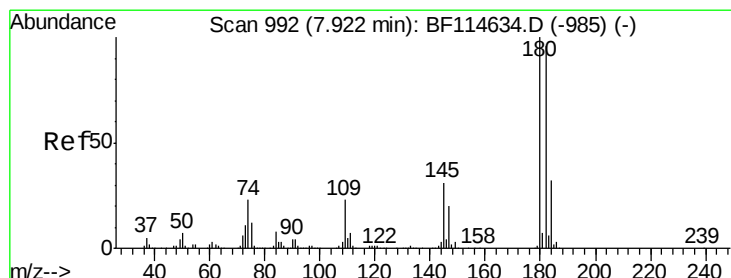
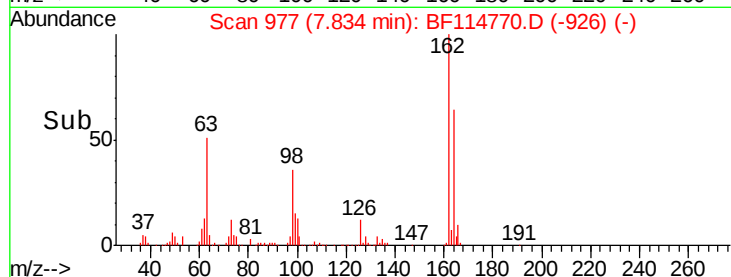
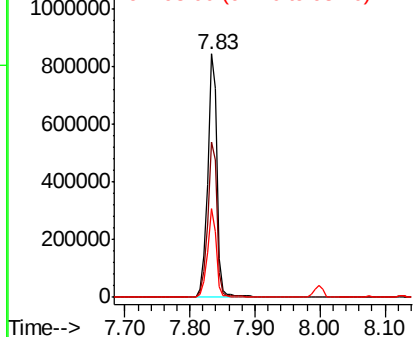
Tot Ion:	162	Resp:	834418
Ion Ratio	Lower	Upper	
162	100		
164	63.5	45.8	85.8
98	36.5	14.9	54.9

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.845 ng

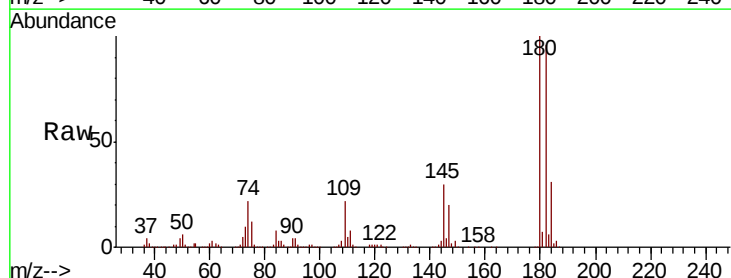
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

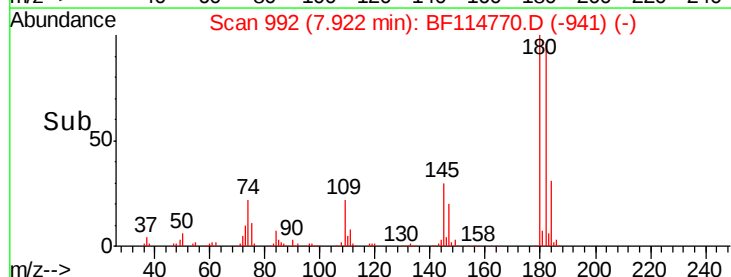
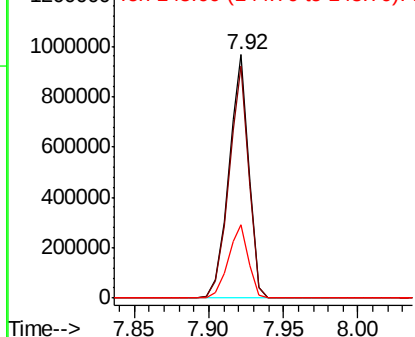
Lab File: BF114770.D

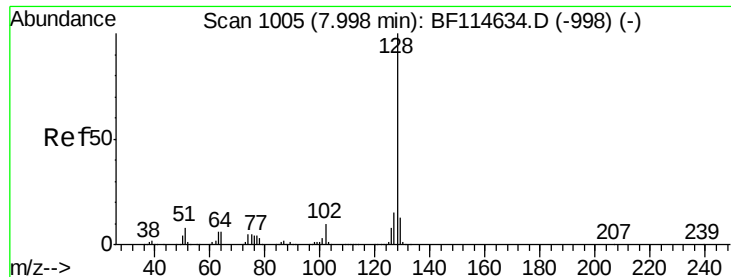
Acq: 1 Jun 2019 22:02

Tgt Ion:	180	Resp:	907285
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.9	115.3
145	30.1	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





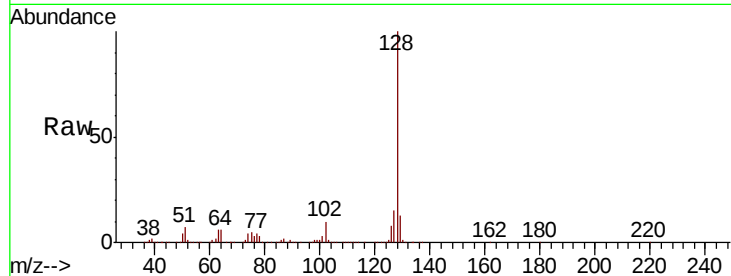
#31
Naphthalene
Concen: 48.072 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	14.7	11.9	17.9

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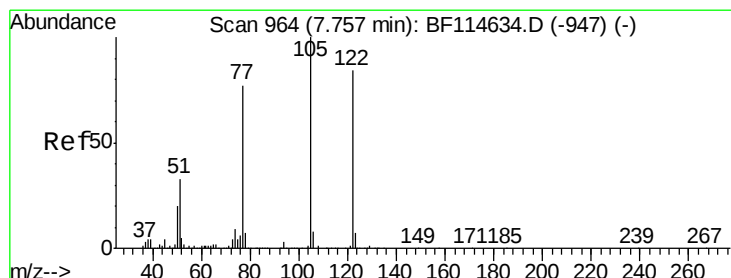
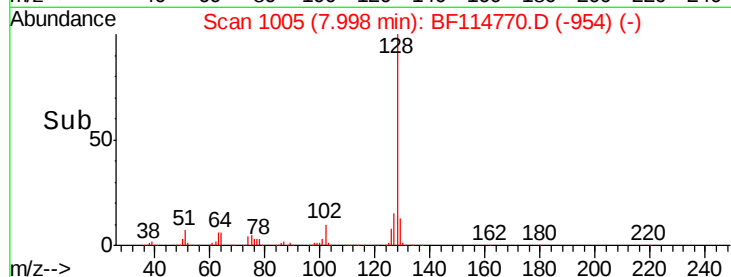
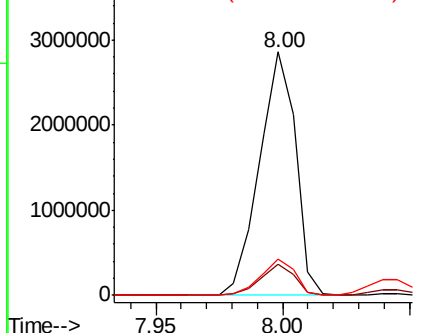


Abundance

Ion 128.00 (127.70 to 128.70): E

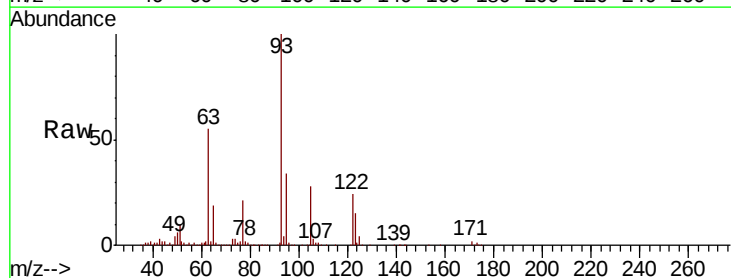
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 19.901 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	98.3	138.3
77	86.8	70.7	110.7

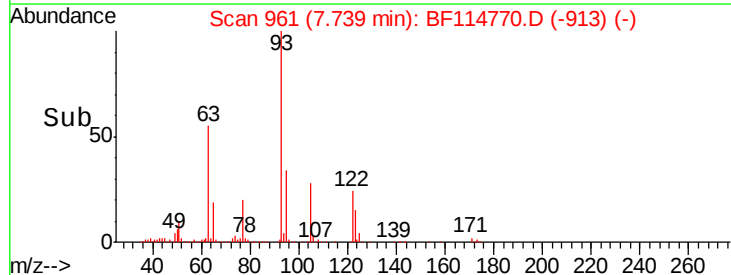
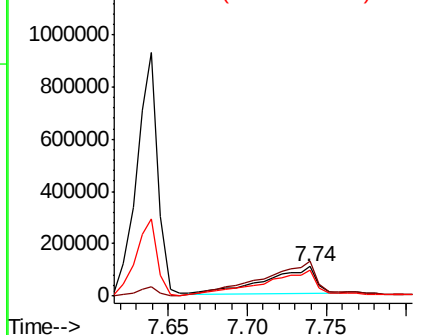


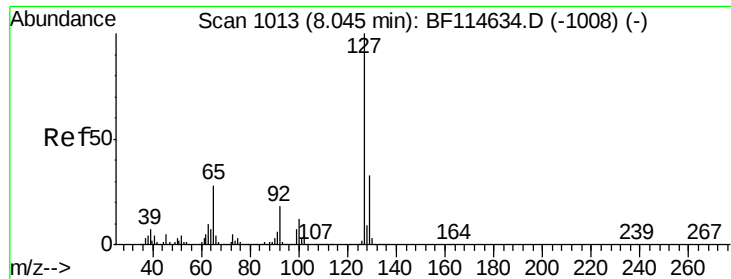
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





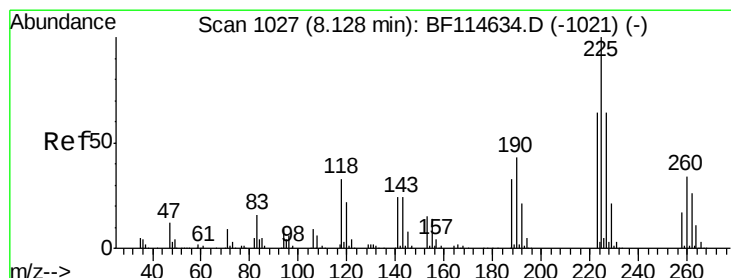
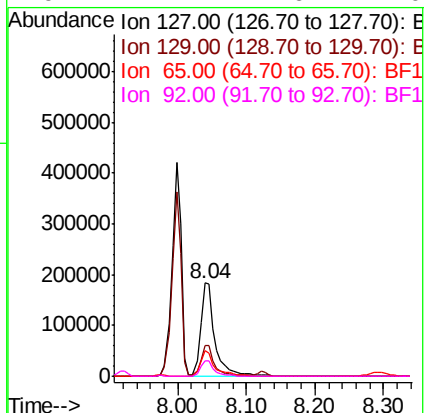
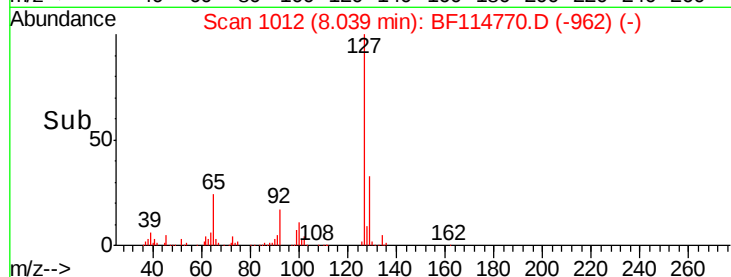
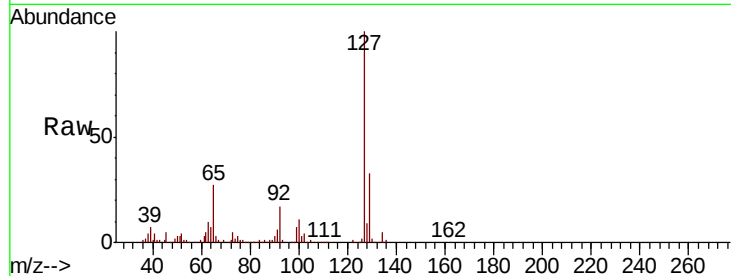
#33
4-Chloroaniline
Concen: 9.508 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		270117		
129	33.1	26.7	40.1		
65	27.1	22.5	33.7		
92	17.2	14.6	22.0		

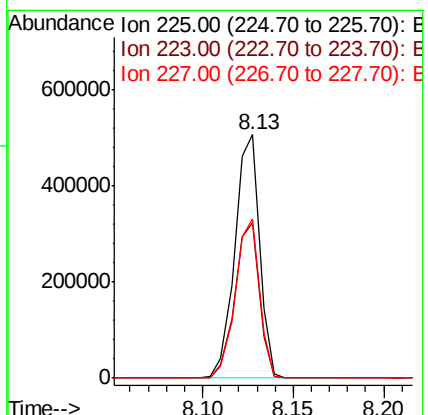
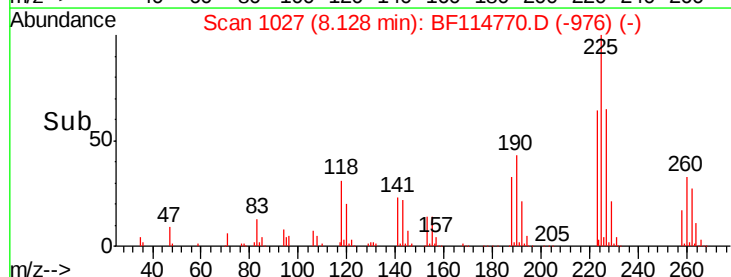
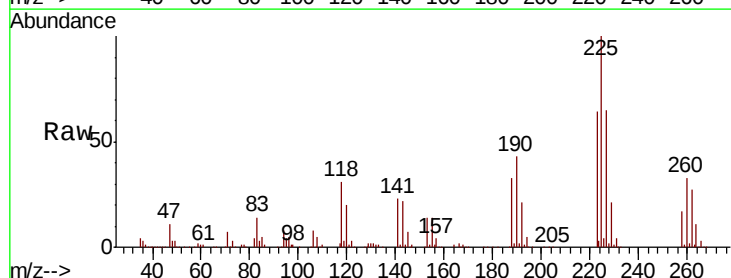
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#34
Hexachlorobutadiene
Concen: 41.643 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		478697		
223	63.7	50.9	76.3		
227	65.5	51.3	76.9		





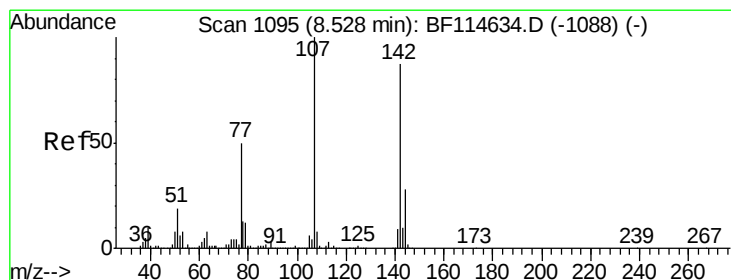
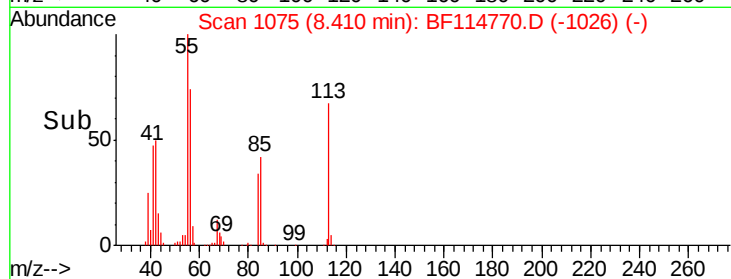
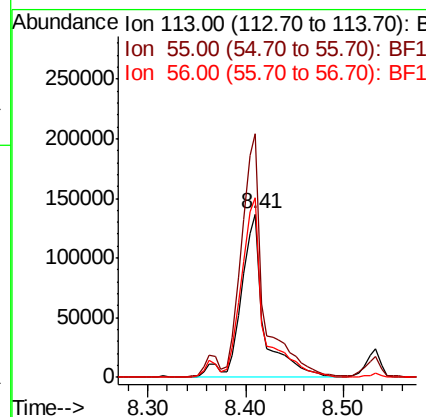
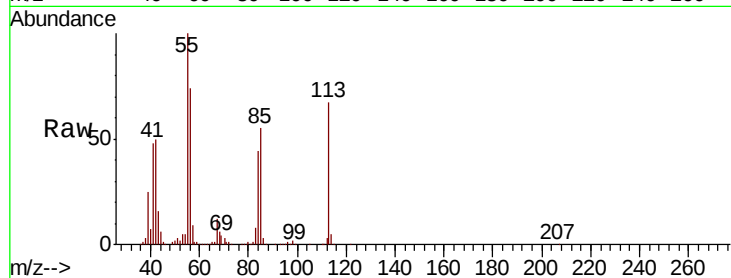
#35
Caprolactam
Concen: 36.616 ng/ml
RT: 8.41 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		224431		
55	149.2	136.4	176.4		
56	110.2	97.0	137.0		

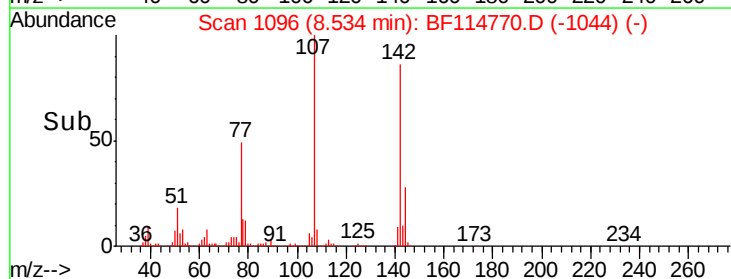
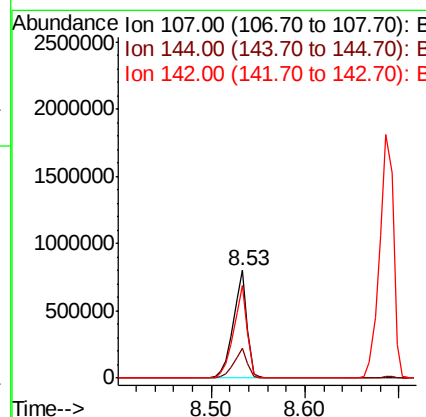
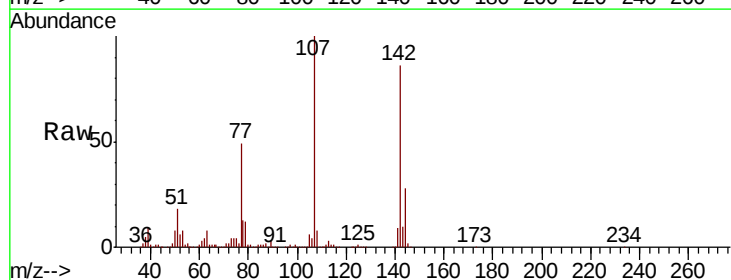
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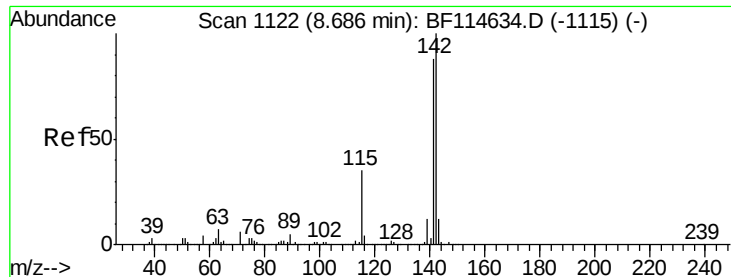
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.799 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		815992		
144	28.0	22.5	33.7		
142	85.6	69.8	104.6		





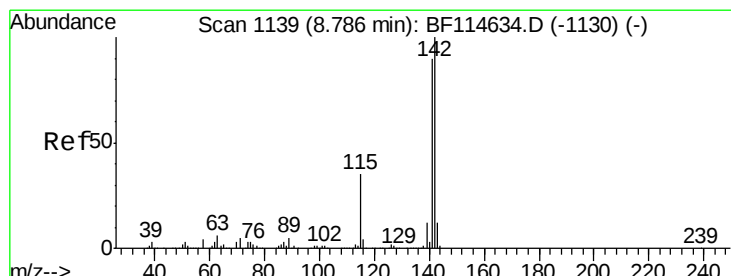
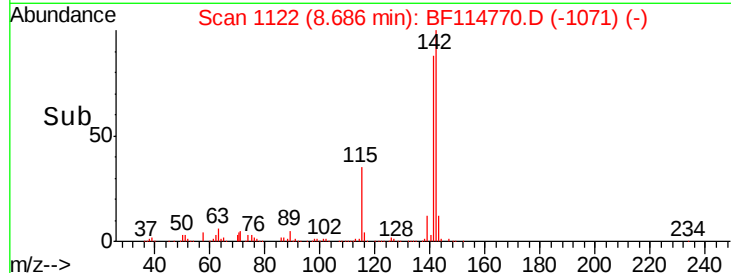
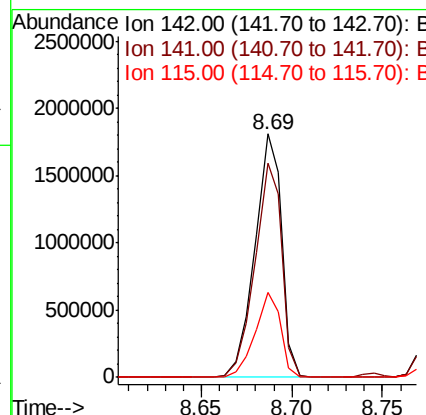
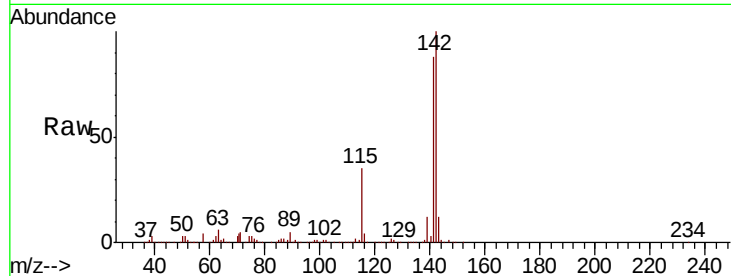
#37
2-Methylnaphthalene
Concen: 46.746 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	34.7	28.0	42.0

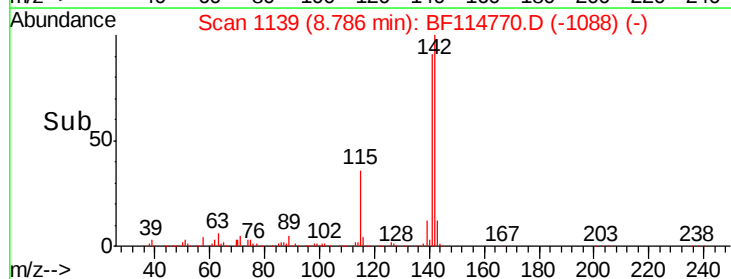
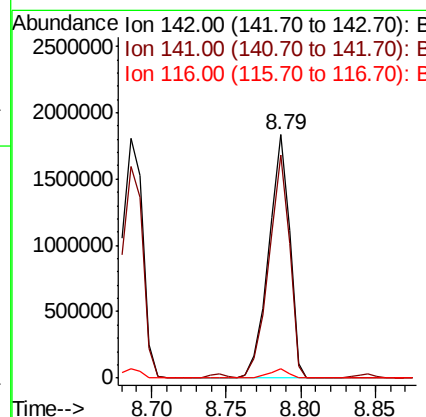
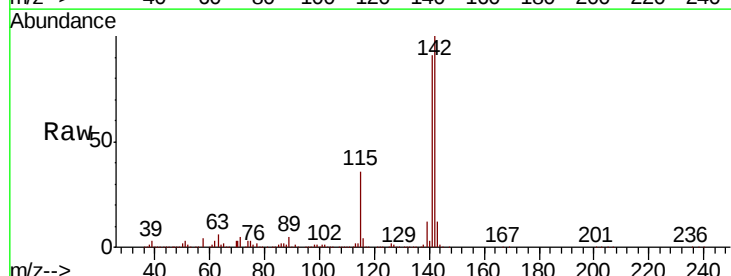
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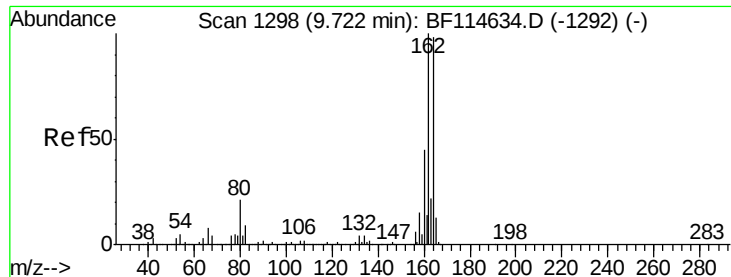
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#38
1-Methylnaphthalene
Concen: 46.772 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
116	3.7	3.0	4.4





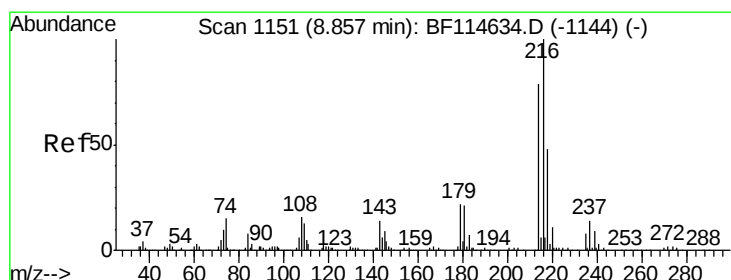
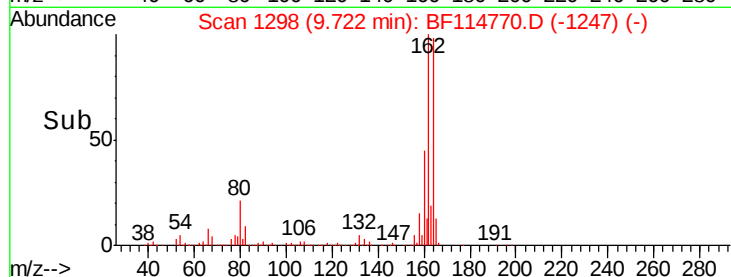
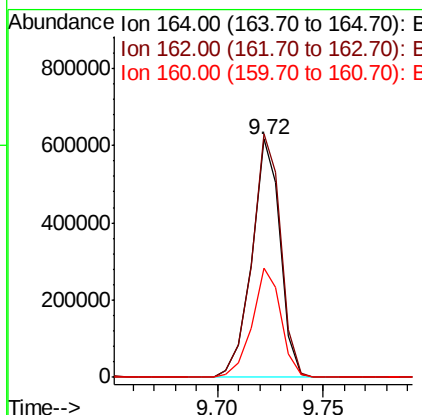
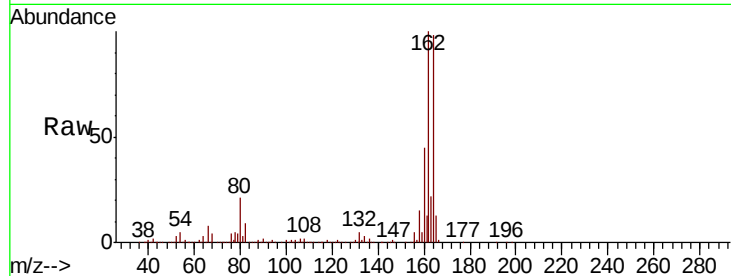
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	45.9	36.6	54.8

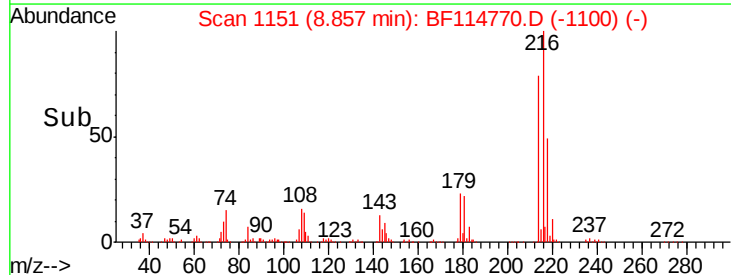
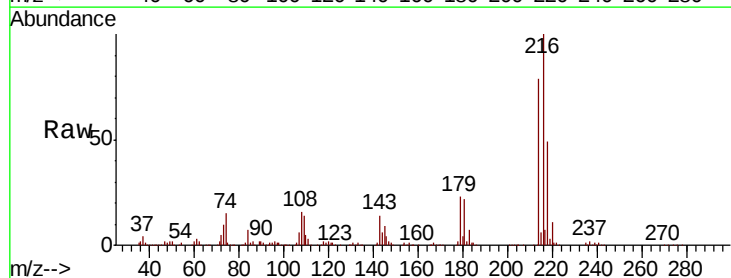
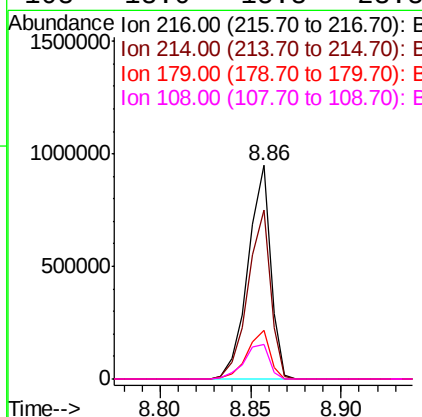
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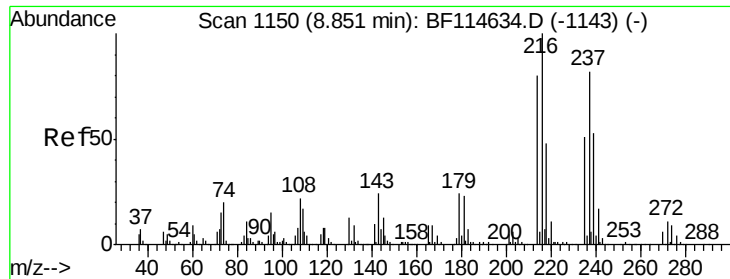
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.910 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.2	94.8
179	22.7	17.9	26.9
108	18.0	15.8	23.8





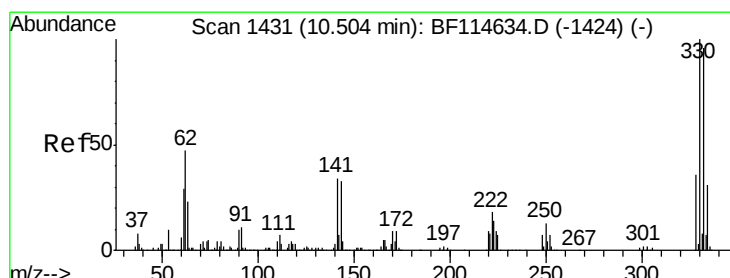
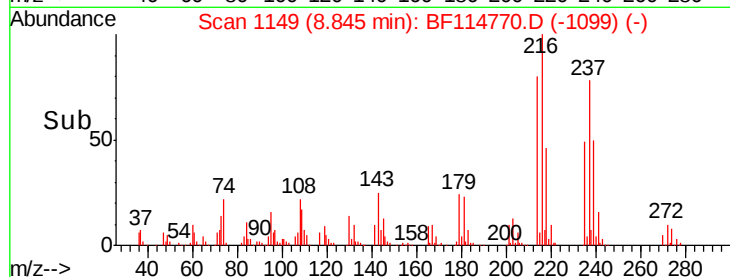
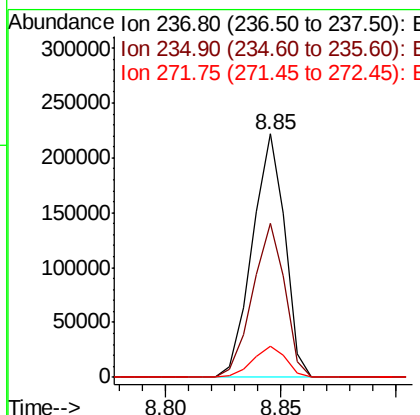
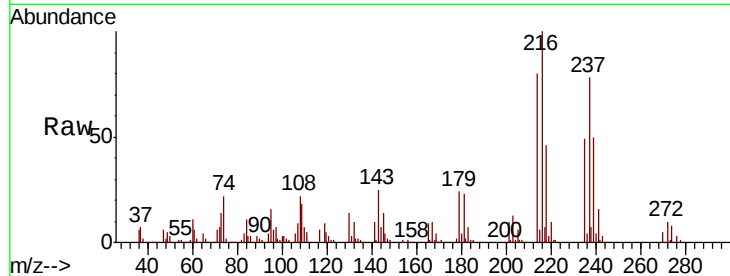
#41
Hexachlorocyclopentadiene
Concen: 21.552 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.8	82.8
272	13.0	0.0	33.7

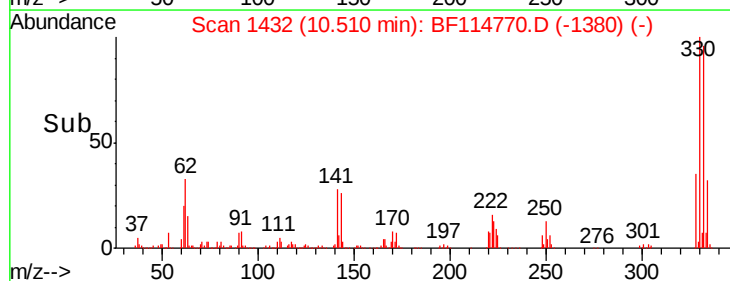
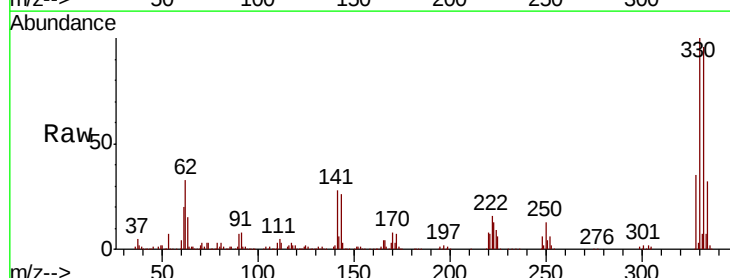
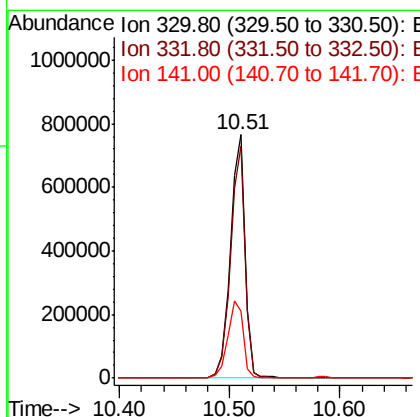
Manual Integrations
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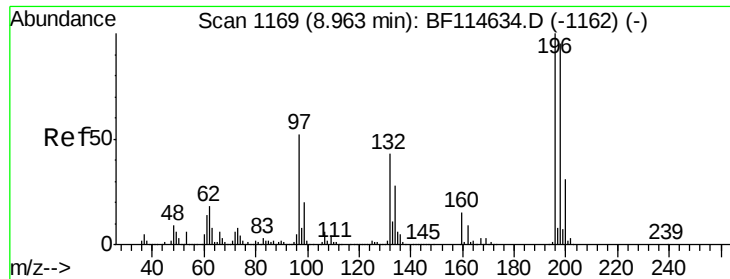
mohammad
6/3/2019 8:51:45 AM



#42
2,4,6-Tribromophenol
Concen: 130.513 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.1	75.8	113.8
141	33.4	27.8	41.8





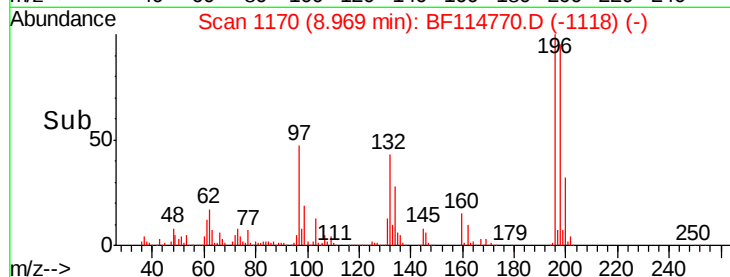
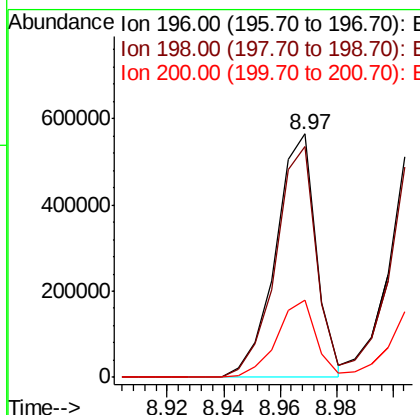
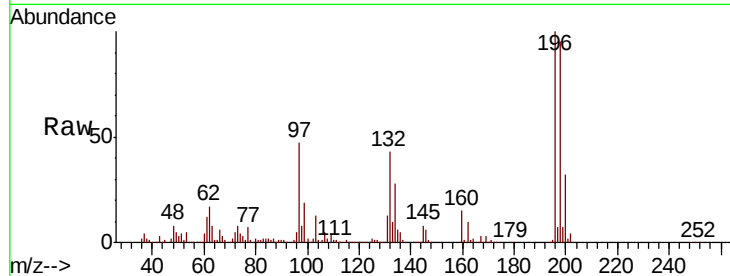
#43
 2,4,6-Trichlorophenol
 Concen: 46.888 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	565202		
198	94.8	76.1	114.1	
200	31.8	24.7	37.1	

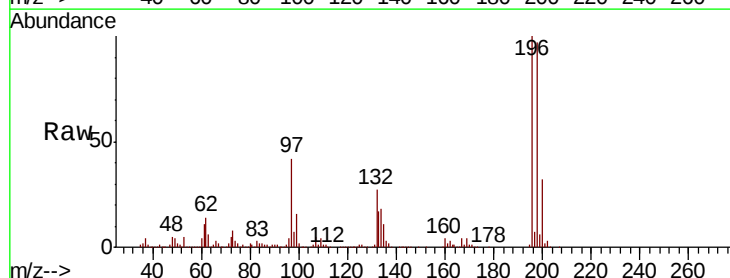
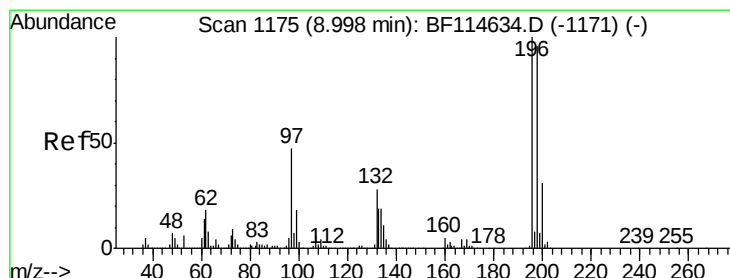
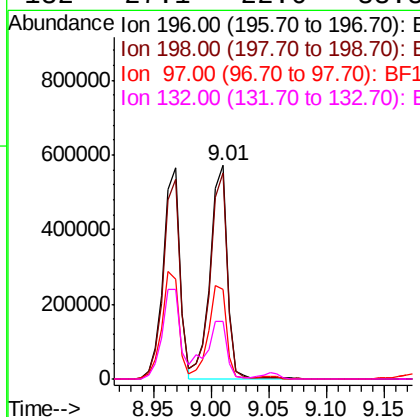
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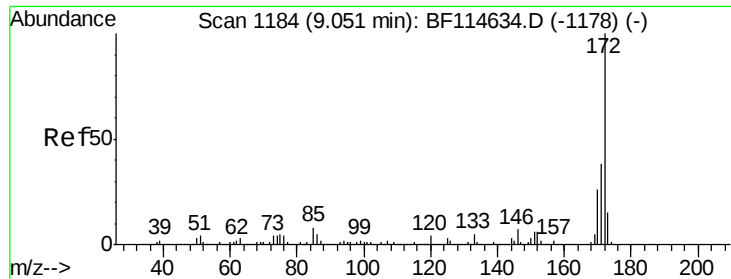
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.315 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	593211		
198	96.6	76.8	115.2	
97	41.7	37.8	56.8	
132	27.1	22.6	33.8	





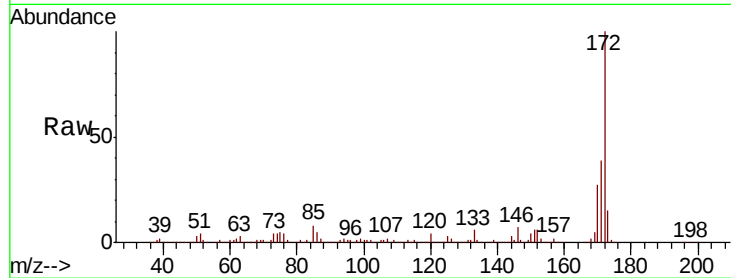
#45
2-Fluorobiphenyl
Concen: 115.561 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.6	45.8
170	26.6	20.7	31.1

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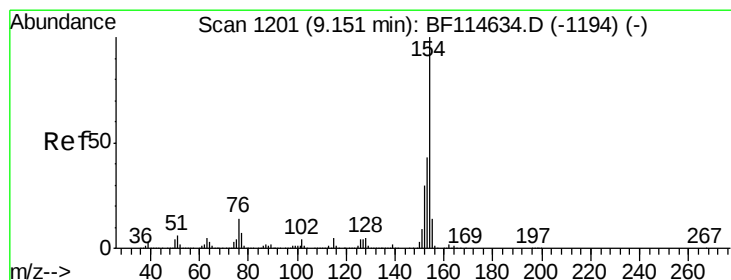
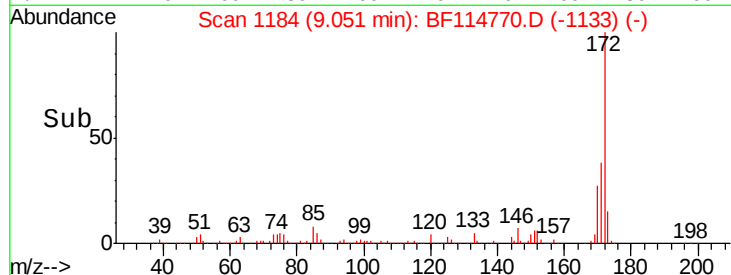
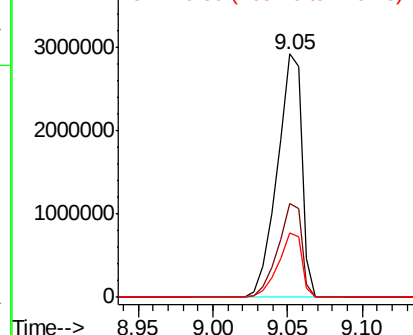


Abundance

Ion 172.00 (171.70 to 172.70): E

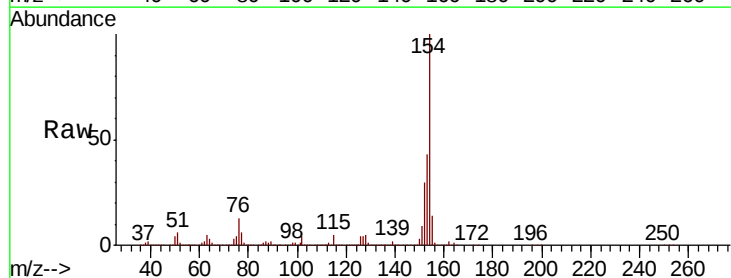
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.831 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.0	63.0
76	13.5	0.0	33.9

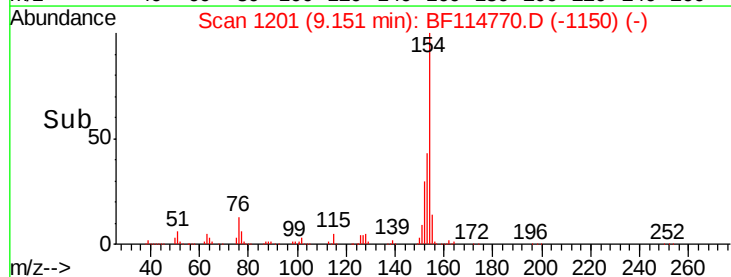
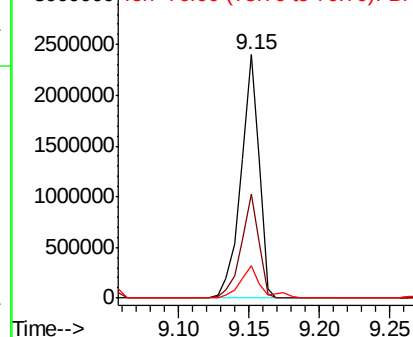


Abundance

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





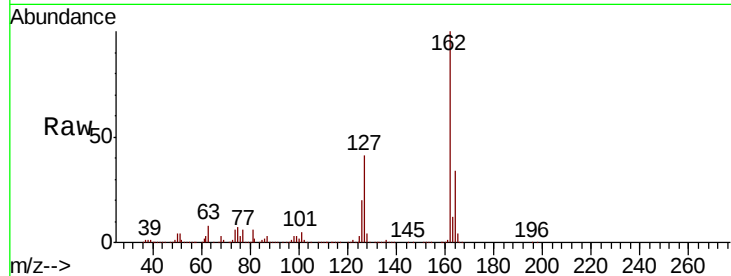
#47
2-Chloronaphthalene
Concen: 47.751 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.2	48.2
164	34.5	27.8	41.6

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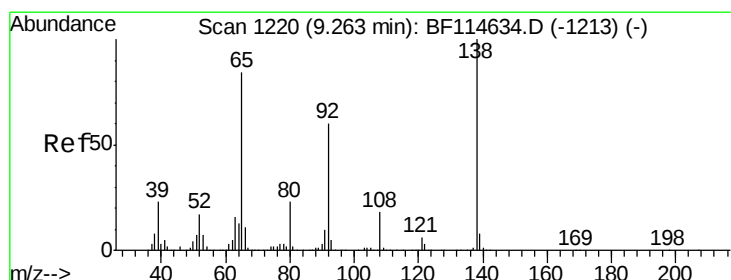
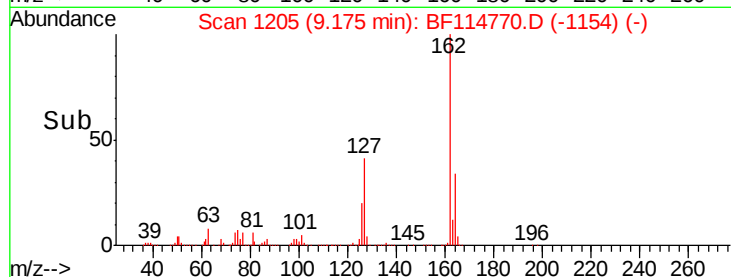
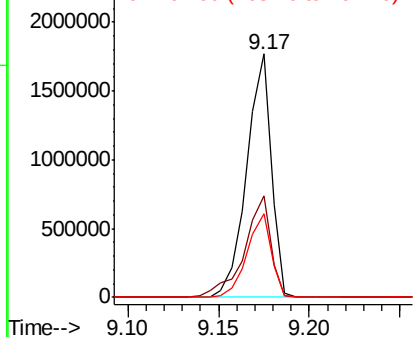


Abundance

Ion 162.00 (161.70 to 162.70): E

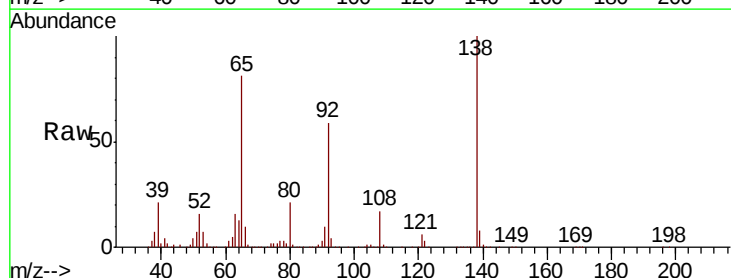
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.035 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.1	85.7
138	123.5	95.8	143.6

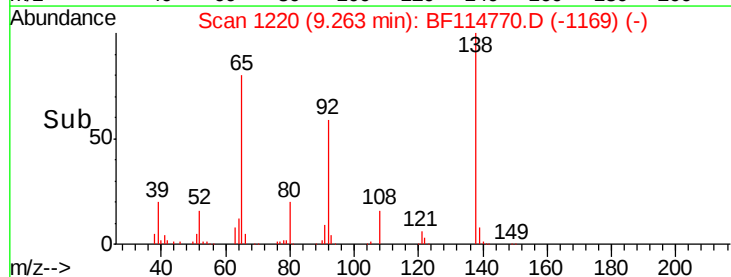
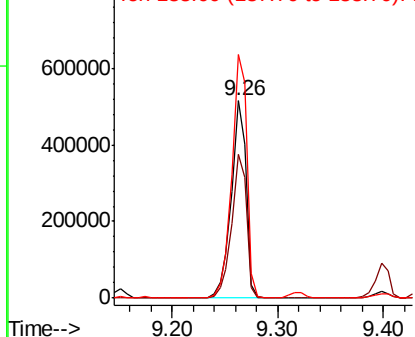


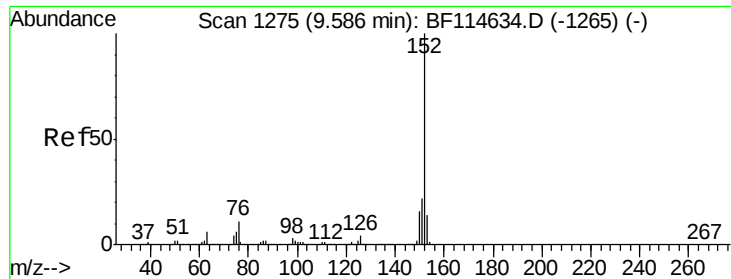
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.069 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

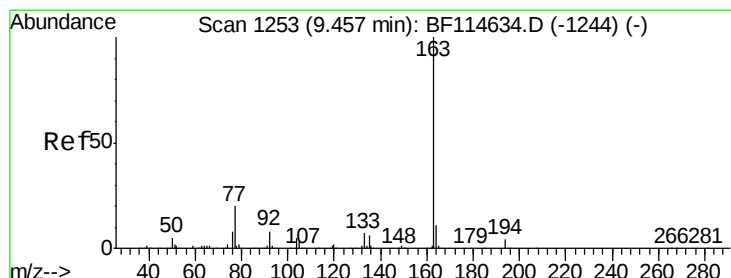
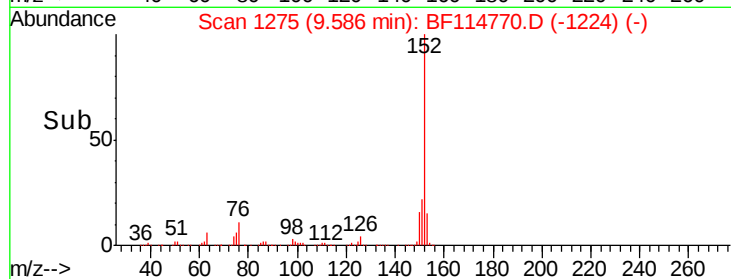
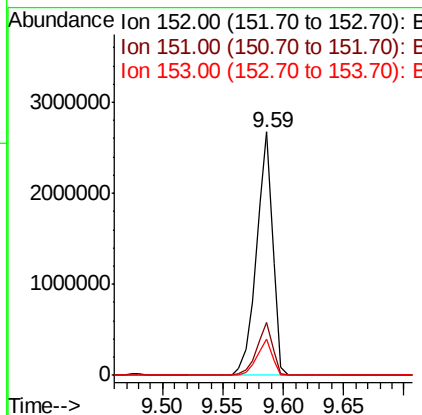
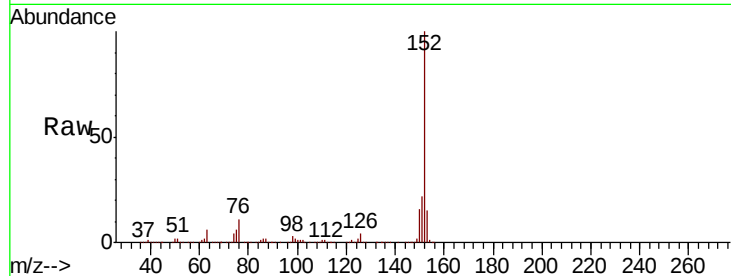
ClientSampleId :

NB-07-053019-AMS

Tot Ion:	152	Resp:	2493040
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3
153	14.9	11.6	17.4

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#50

Dimethylphthalate

Concen: 49.116 ng

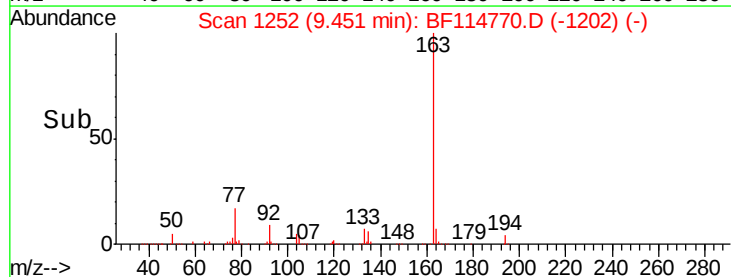
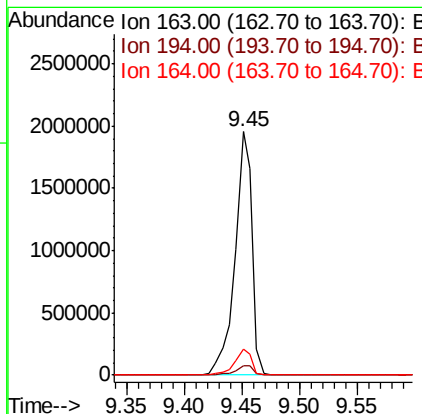
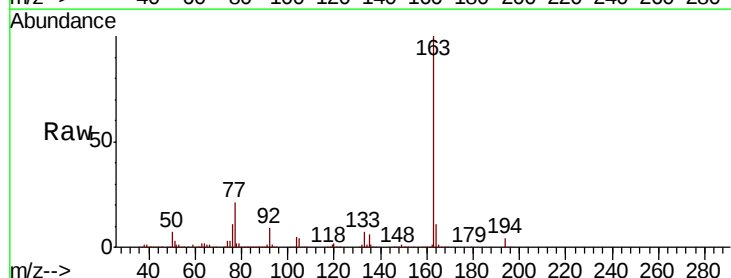
RT: 9.45 min Scan# 1252

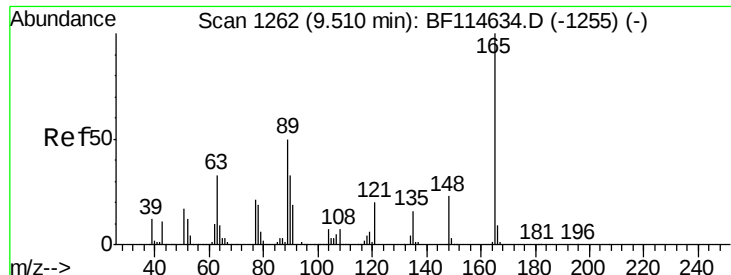
Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	163	Resp:	1968858
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.8	8.6	13.0





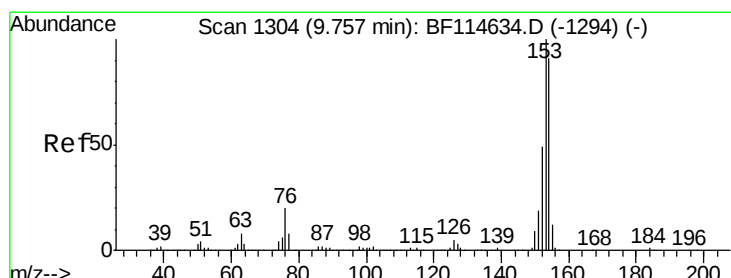
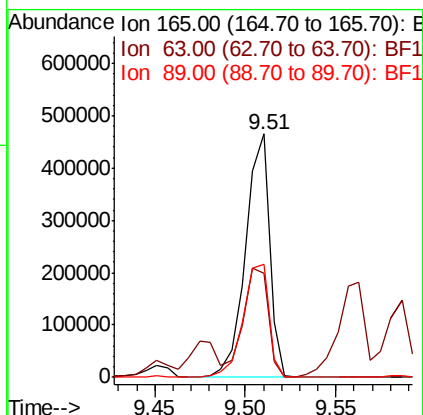
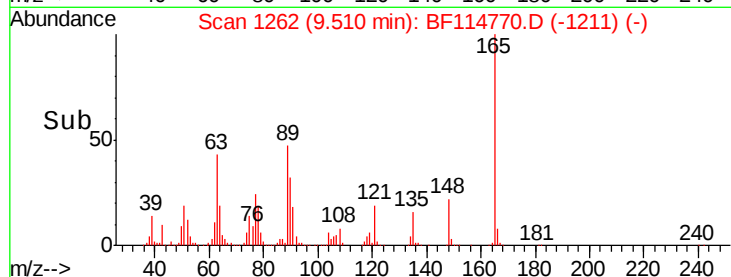
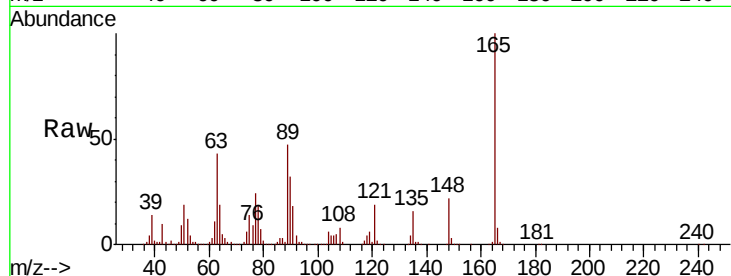
#51
 2,6-Dinitrotoluene
 Concen: 46.153 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.6	54.8
89	46.7	40.2	60.4

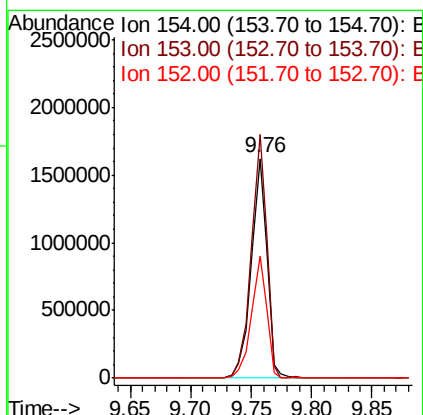
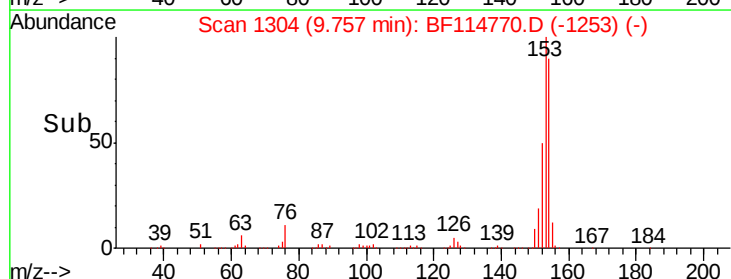
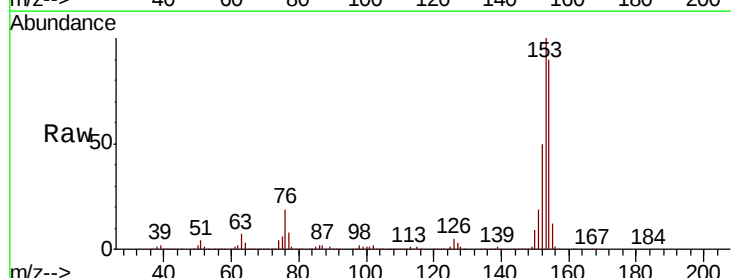
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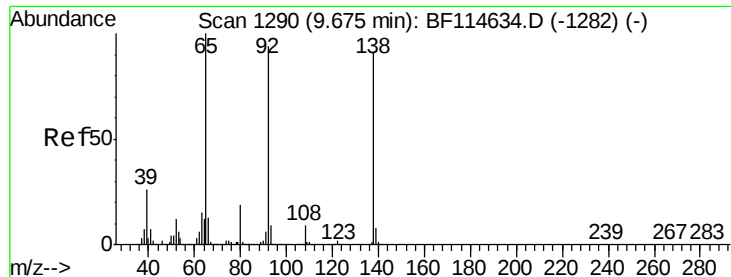
mohammad
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#52
 Acenaphthene
 Concen: 44.828 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.4	132.6
152	55.5	43.4	65.0





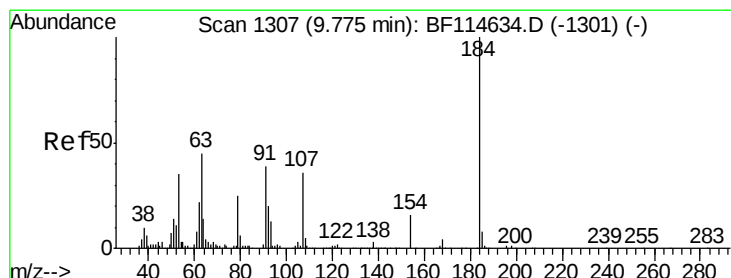
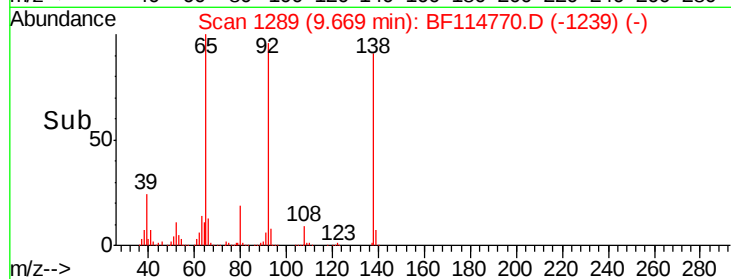
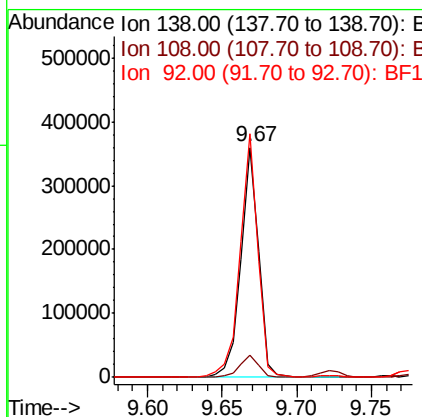
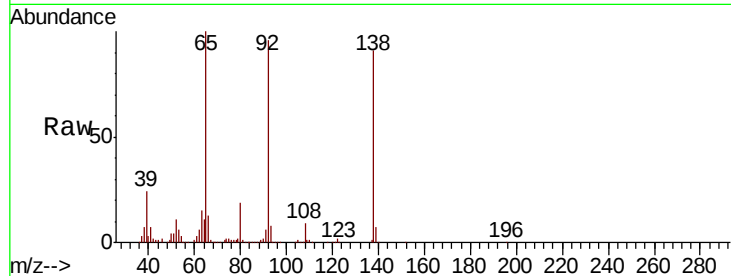
#53
3-Nitroaniline
Concen: 26.300 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	299822		
108	9.9	8.3	12.5	
92	105.9	83.1	124.7	

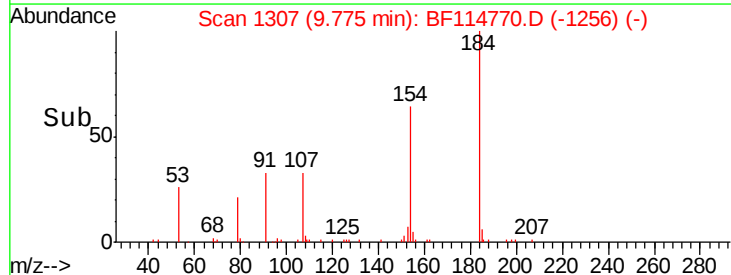
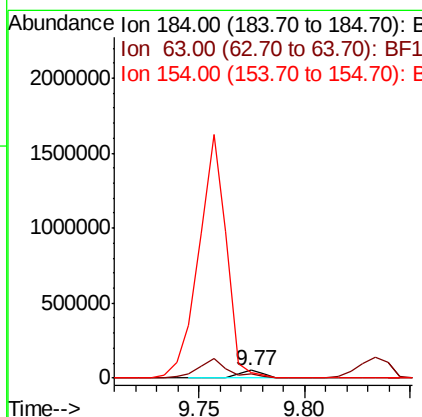
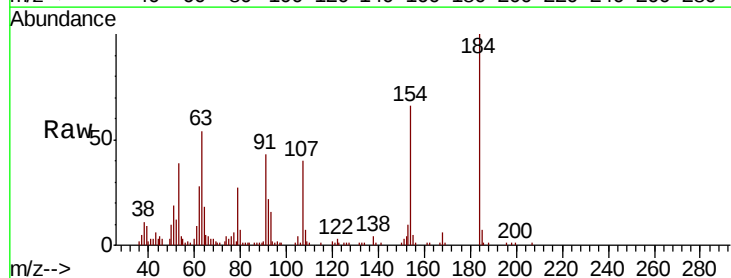
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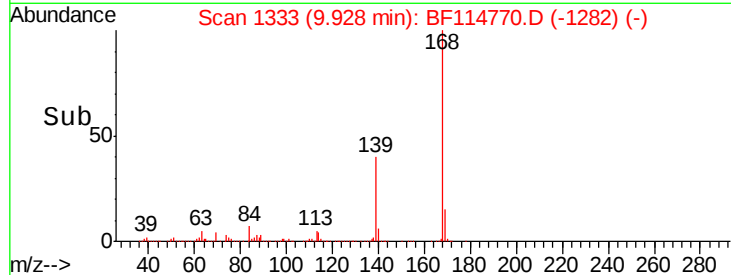
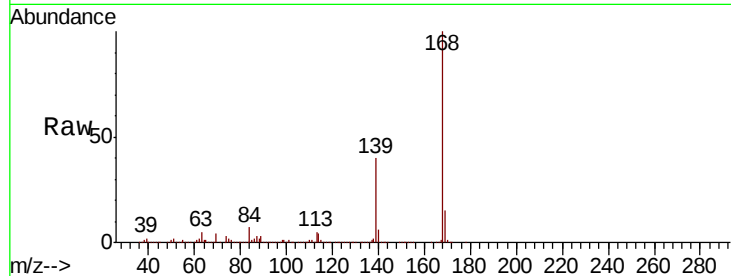
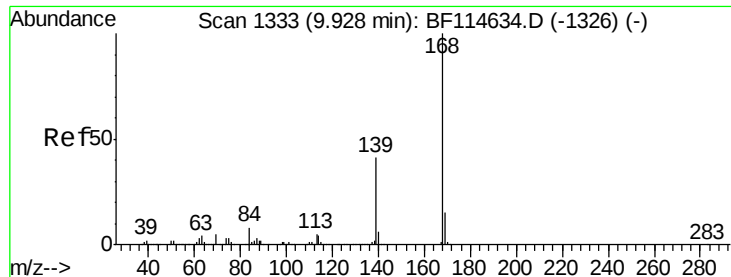
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#54
2,4-Dinitrophenol
Concen: 11.709 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	43018		
63	54.0	38.8	58.2	
154	65.7	43.7	65.5#	





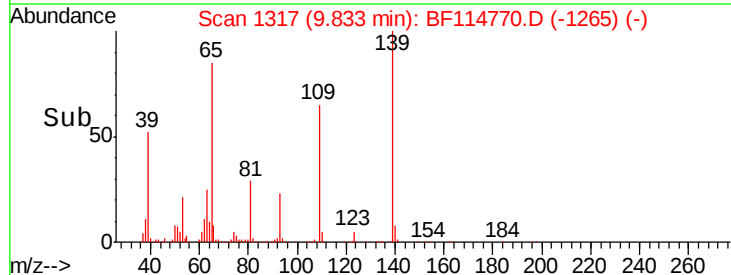
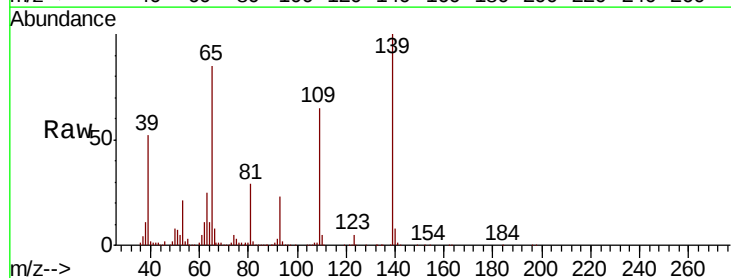
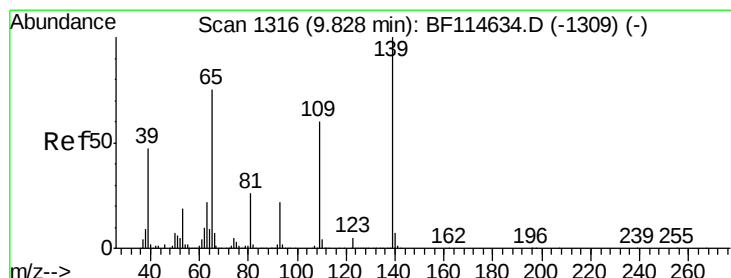
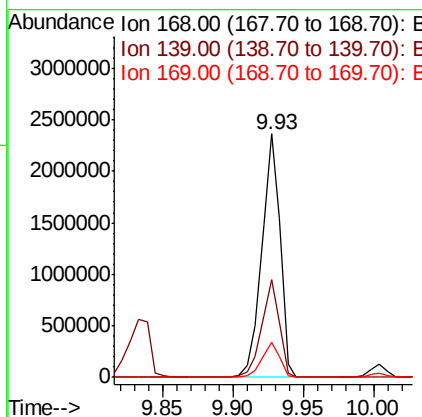
#55
Dibenzofuran
Concen: 46.079 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tot Ion:168	Resp: 2176841
Ion Ratio	Lower Upper
168 100	
139 40.3	32.6 48.8
169 14.5	11.8 17.8

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

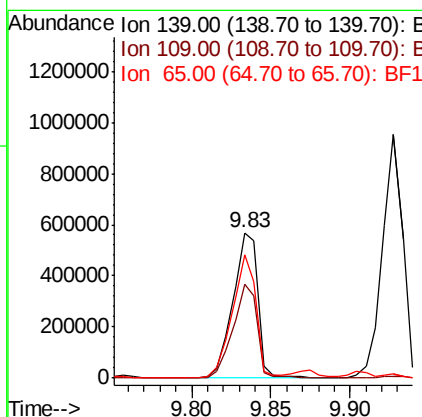
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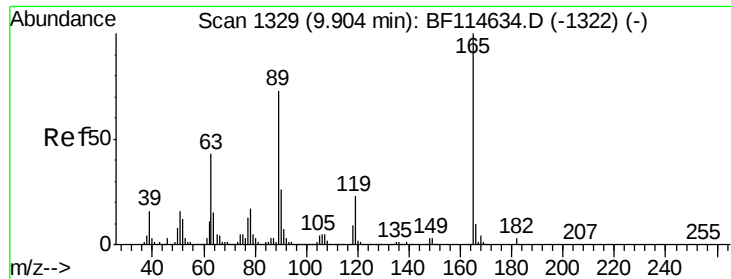
mohammad
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#56
4-Nitrophenol
Concen: 73.532 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion:139	Resp: 621200	
	Ratio	Lower	Upper
139	100		
109	64.8	40.4	80.4
65	85.1	54.7	94.7





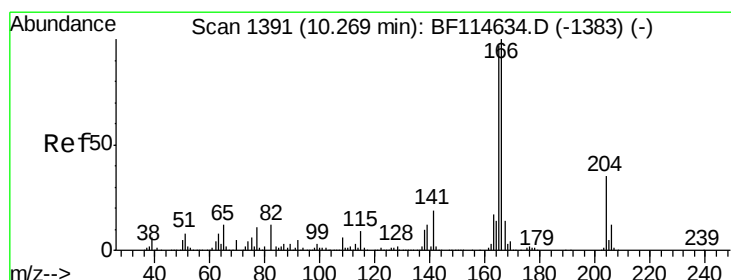
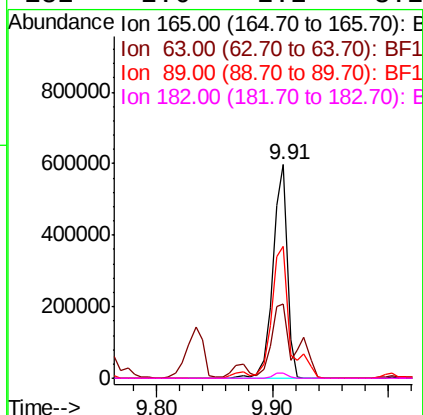
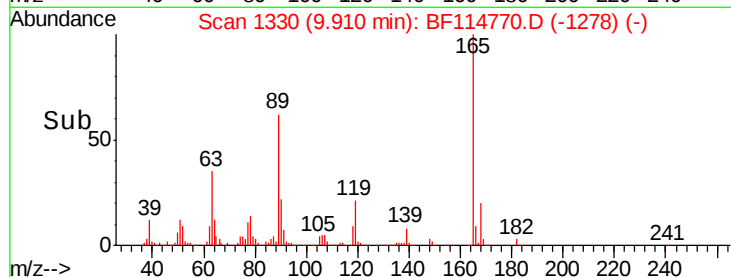
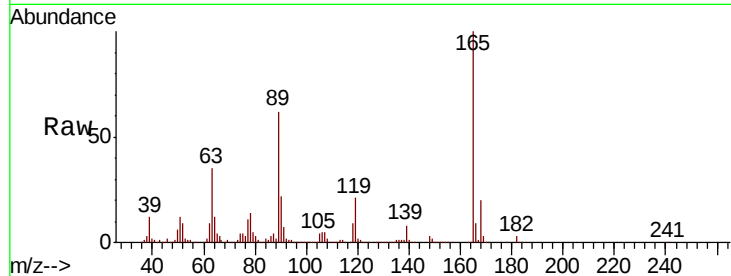
#57
2,4-Dinitrotoluene
Concen: 43.438 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	519271		
63	34.6		34.8	52.2#
89	61.7		58.5	87.7
182	2.6		2.2	3.2

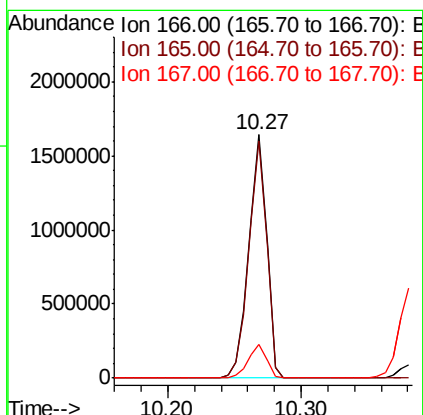
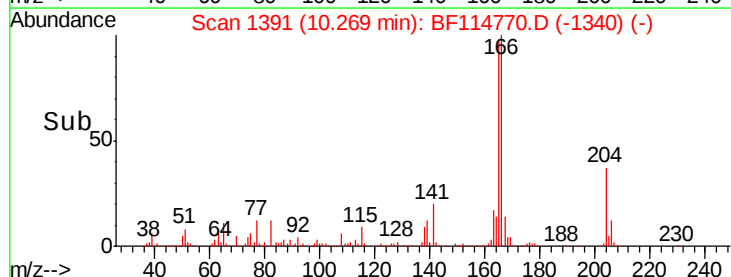
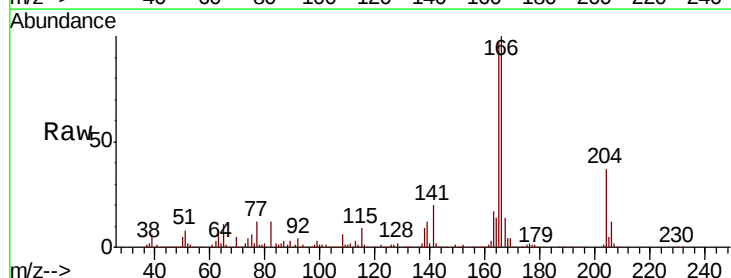
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#58
Fluorene
Concen: 49.476 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1506032		
165	97.3		77.6	116.4
167	13.7		11.2	16.8





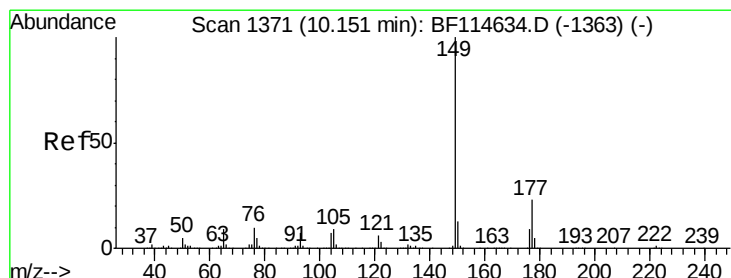
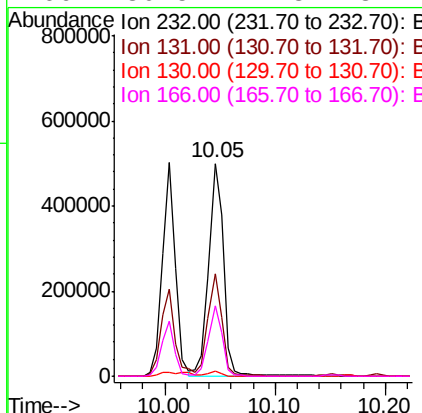
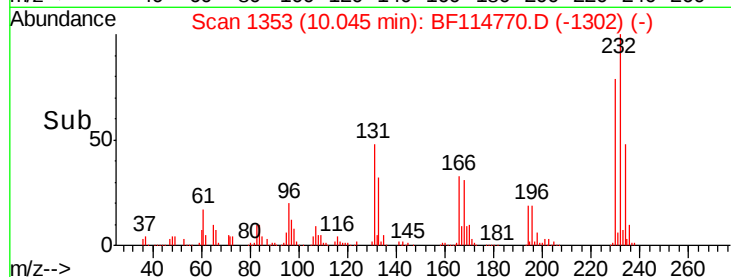
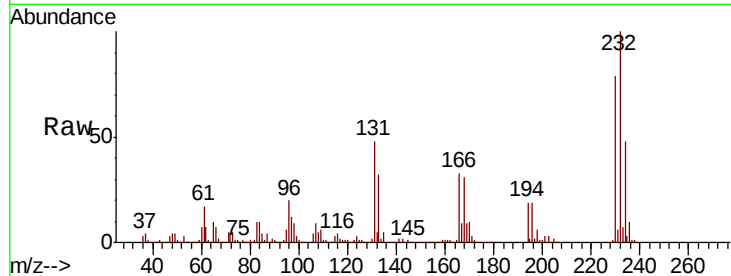
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.794 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion:	232	Resp:	450890
Ion Ratio	Lower	Upper	
232	100		
131	45.0	37.2	55.8
130	2.1	1.8	2.8
166	30.5	24.8	37.2

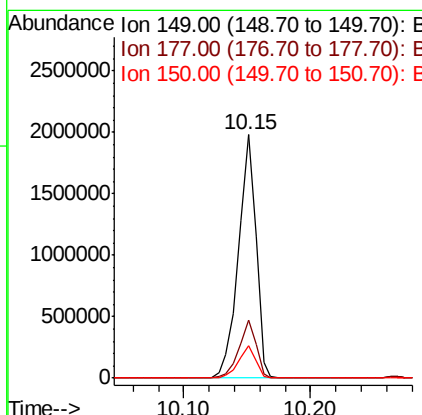
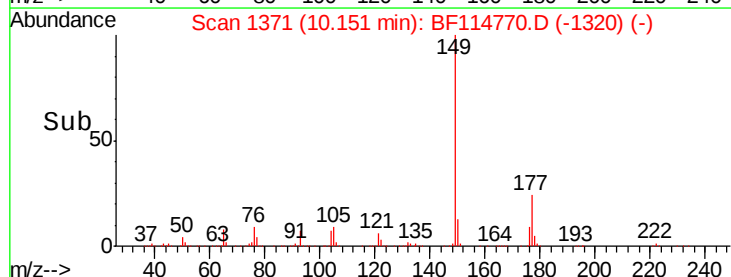
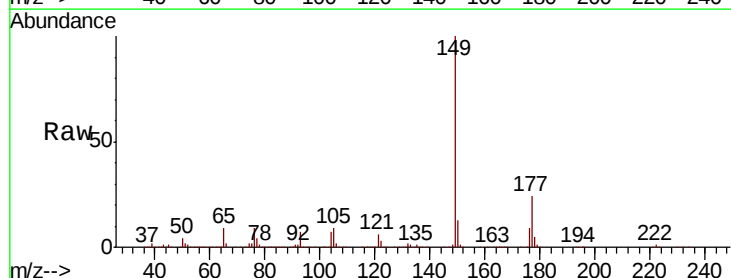
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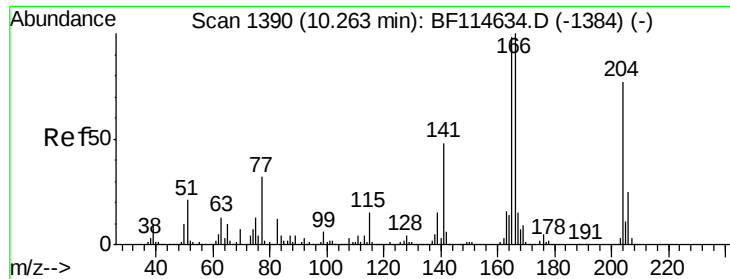
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#60
Diethylphthalate
Concen: 45.894 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:	149	Resp:	1878977
Ion Ratio	Lower	Upper	
149	100		
177	23.9	18.6	28.0
150	13.3	10.6	15.8





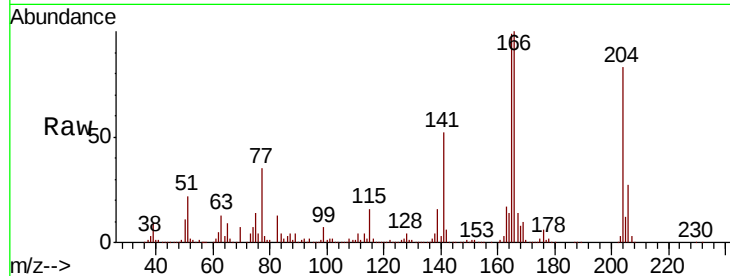
#61
4-Chlorophenyl-phenylether
Concen: 49.867 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	62.9	50.0	75.0

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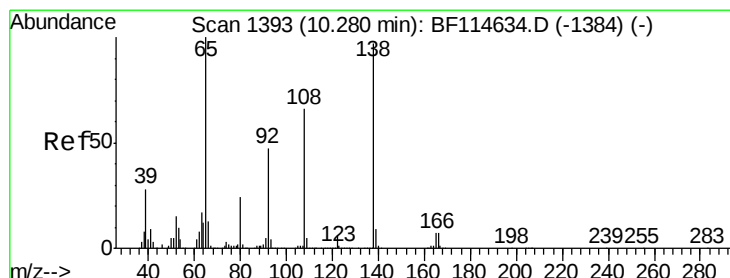
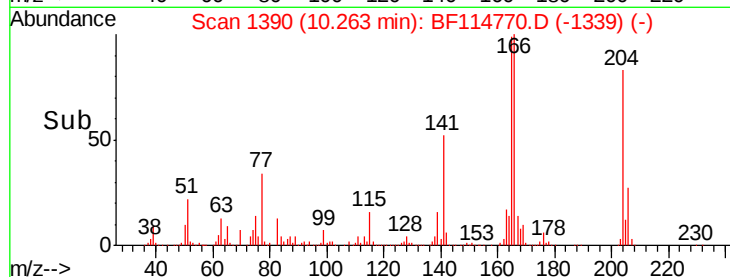
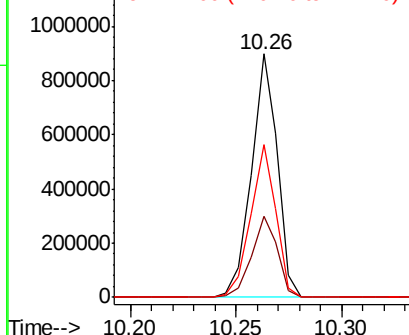


Abundance

Ion 204.00 (203.70 to 204.70): E

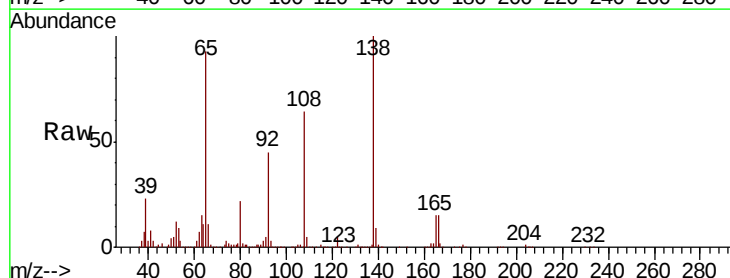
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.627 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	28.0	68.0
108	64.3	48.4	88.4

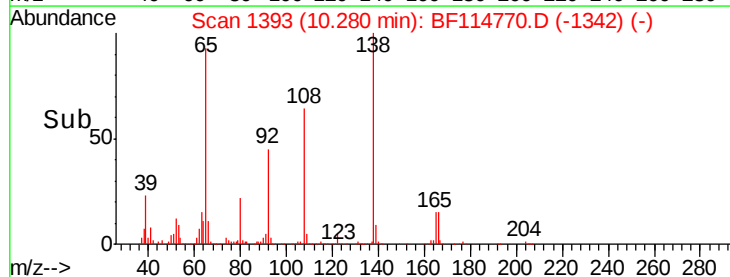
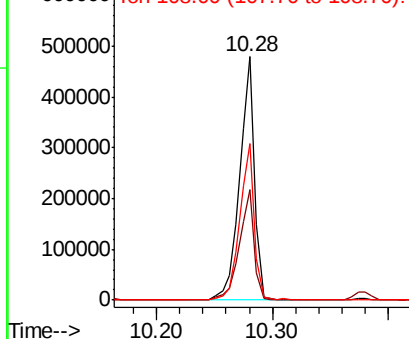


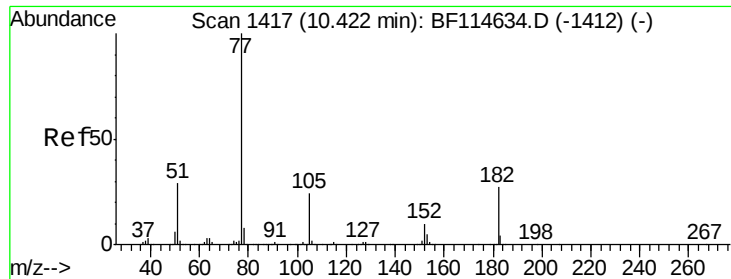
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





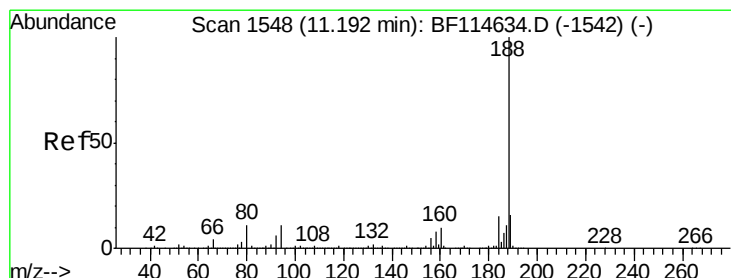
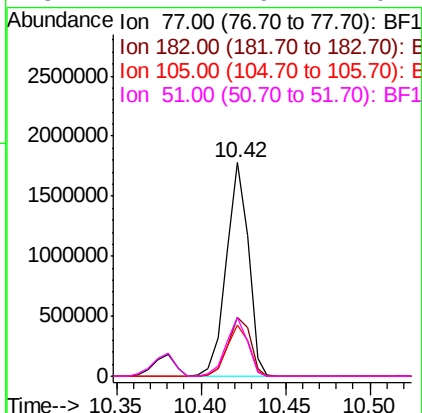
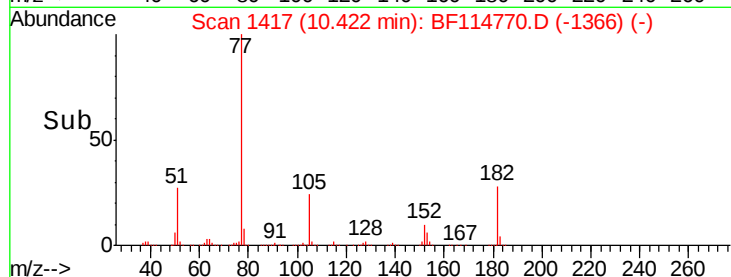
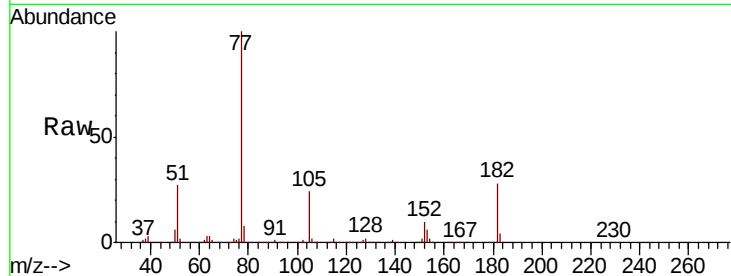
#63
Azobenzene
Concen: 42.522 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	7.0	47.0	
105	24.2	3.7	43.7	
51	27.4	9.1	49.1	

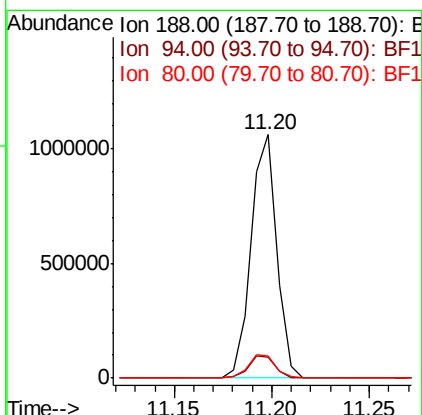
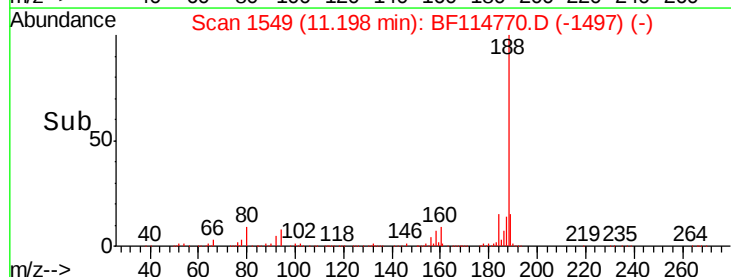
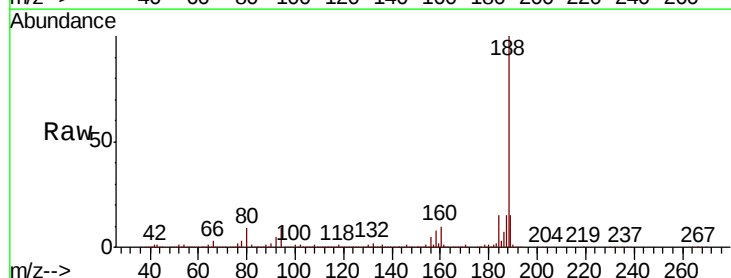
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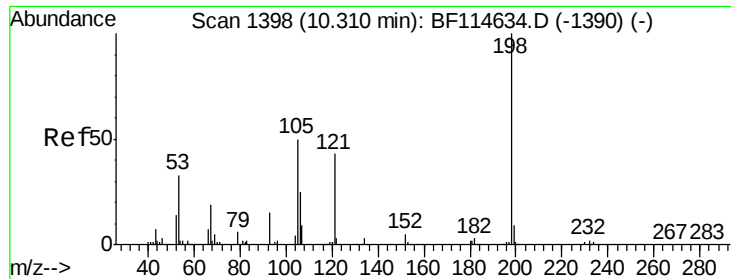
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	8.6	13.0#	
80	9.2	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 8.646 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

Tot Ion:198 Resp: 37023

Ion Ratio Lower Upper

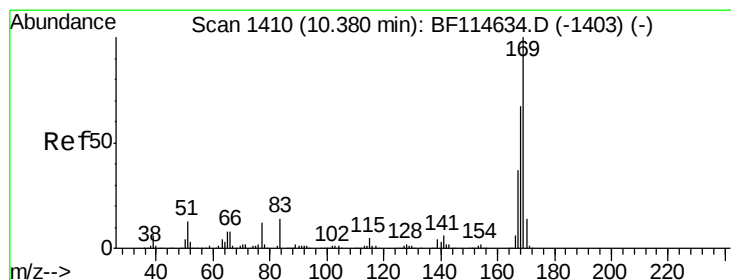
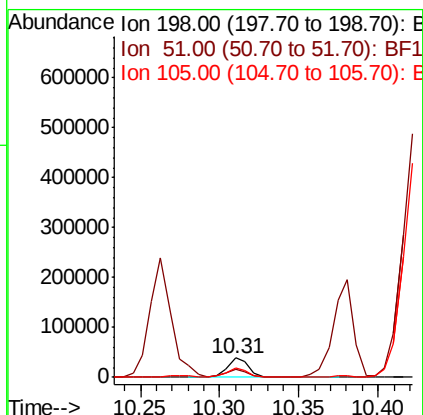
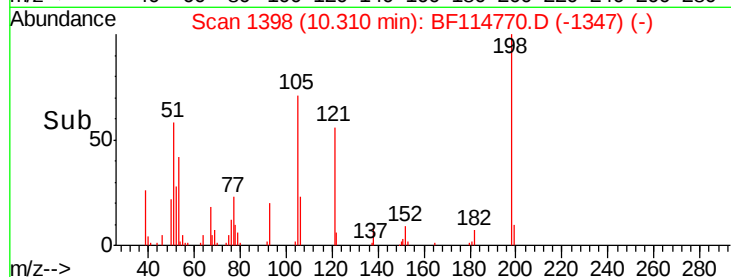
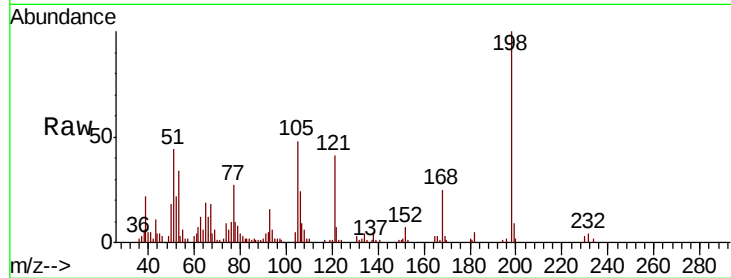
198 100

51 44.2 29.0 69.0

105 48.5 30.4 70.4

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 51.794 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

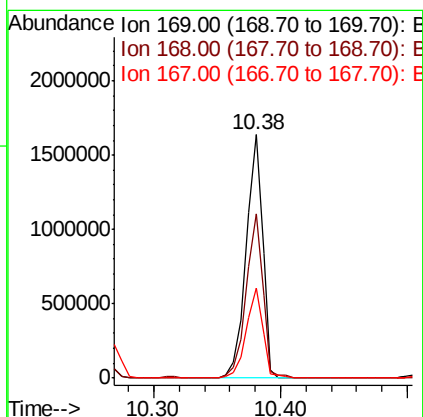
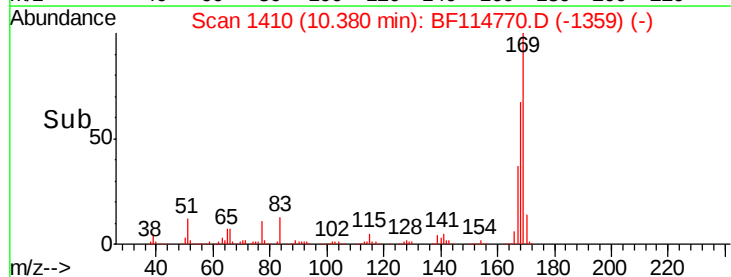
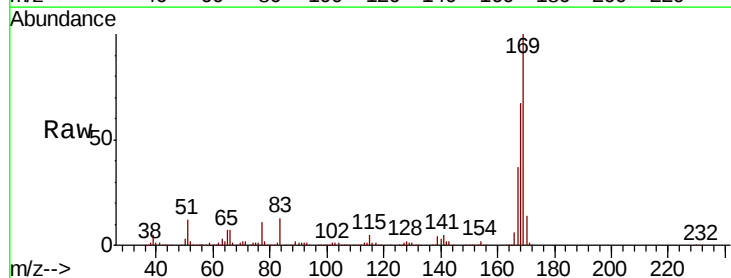
Tgt Ion:169 Resp: 1477876

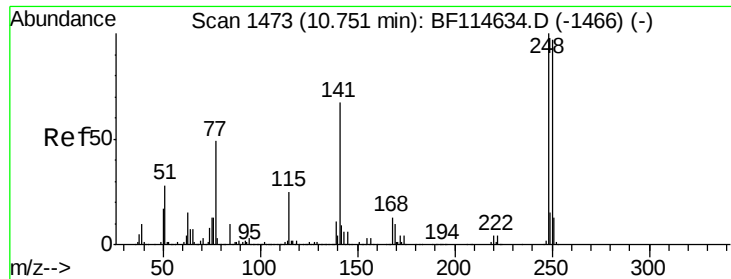
Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.8

167 36.9 29.8 44.6





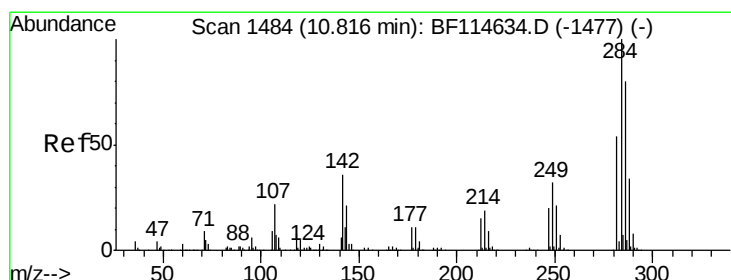
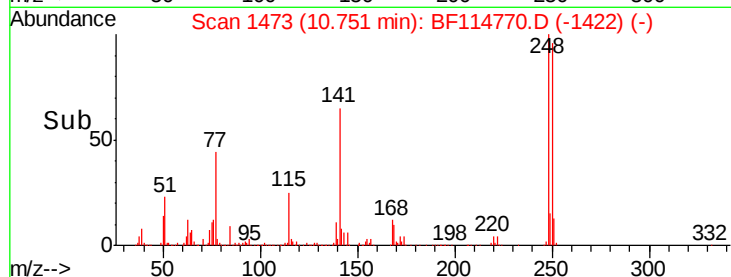
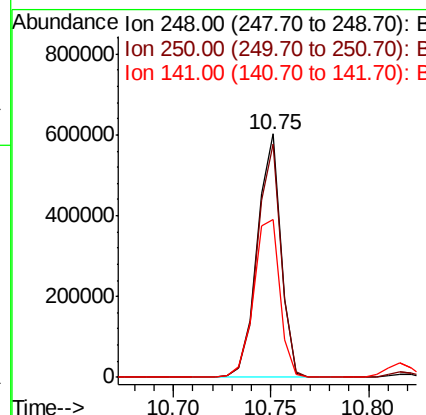
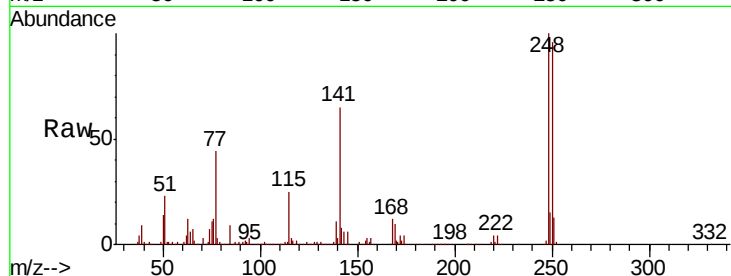
#67
4-Bromophenyl-phenylether
Concen: 48.784 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.0	117.0
141	65.0	53.8	80.8

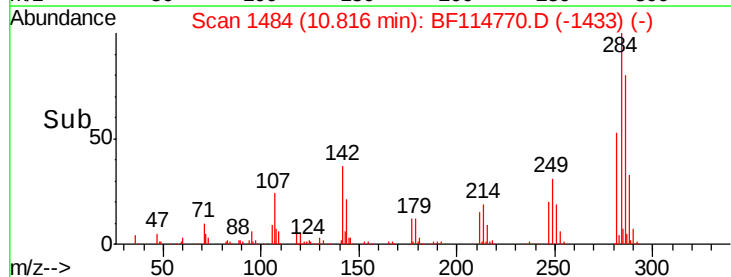
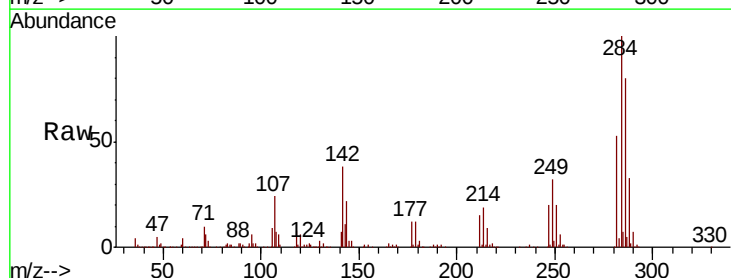
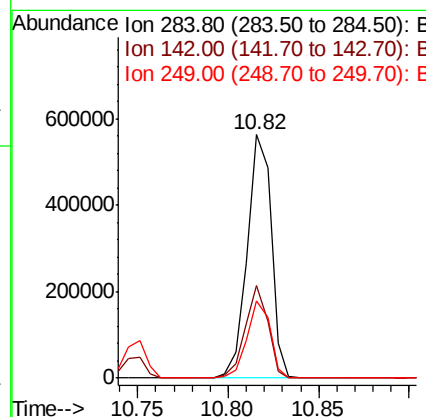
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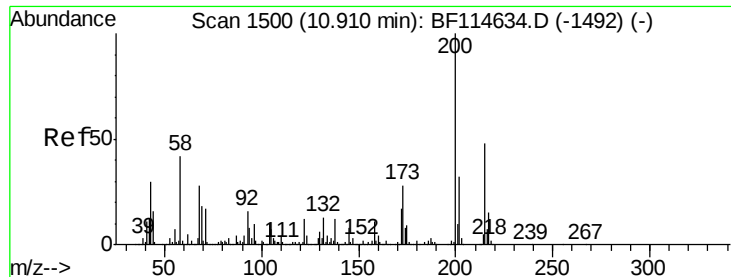
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#68
Hexachlorobenzene
Concen: 46.406 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	28.9	43.3
249	31.5	25.8	38.6





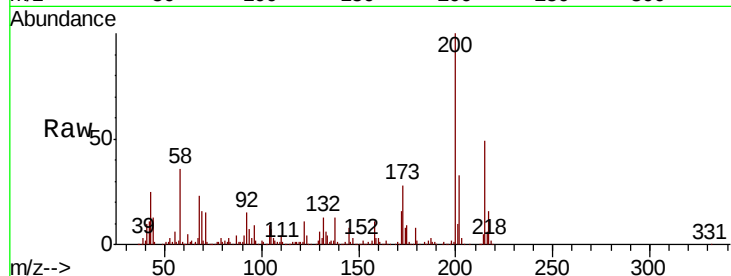
#69
Atrazine
Concen: 51.435 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	49.2	27.8	67.8

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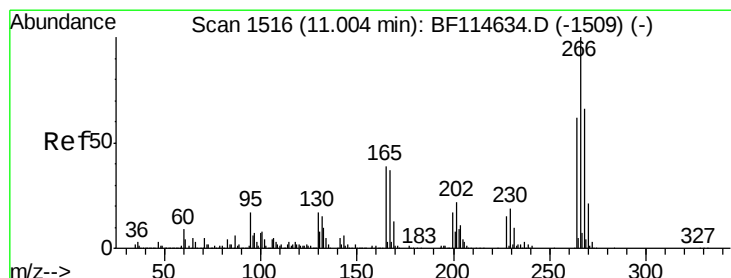
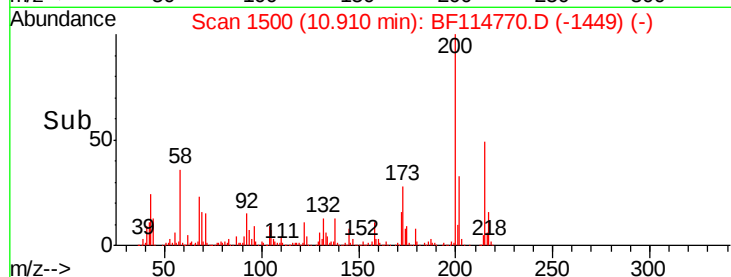
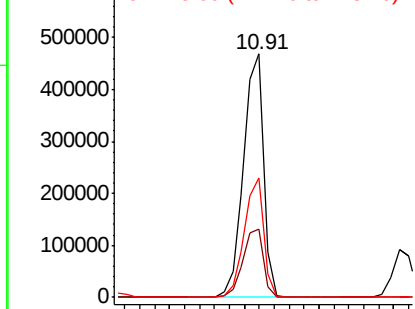


Abundance

Ion 200.00 (199.70 to 200.70): E

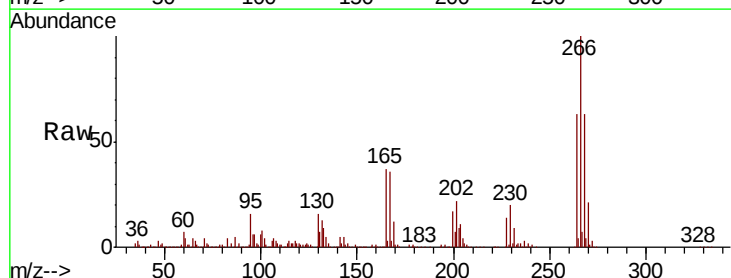
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.721 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	62.8	49.9	74.9

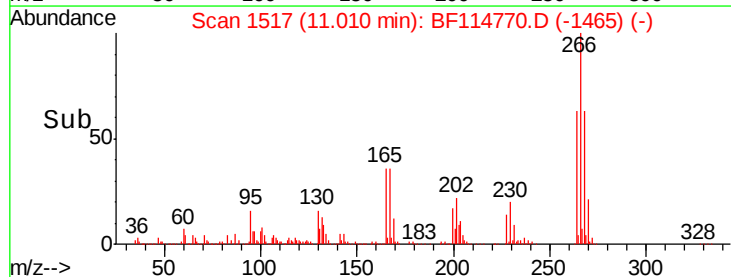
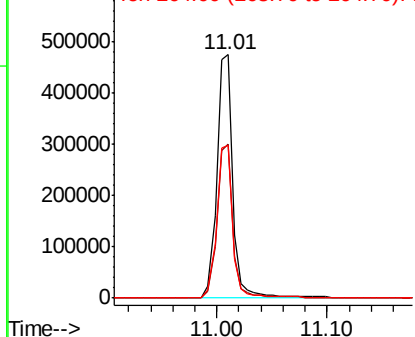


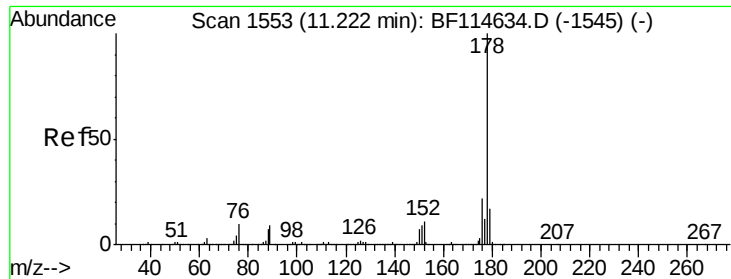
Abundance

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





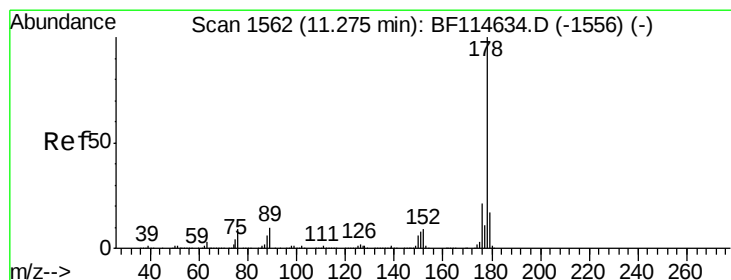
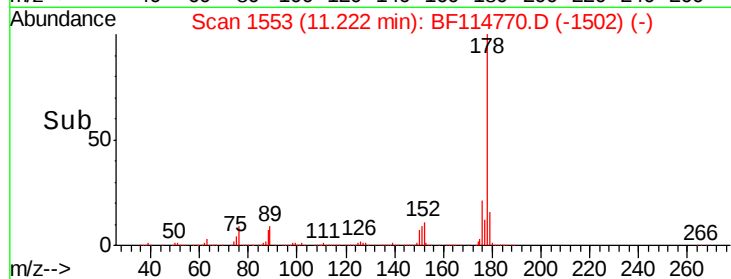
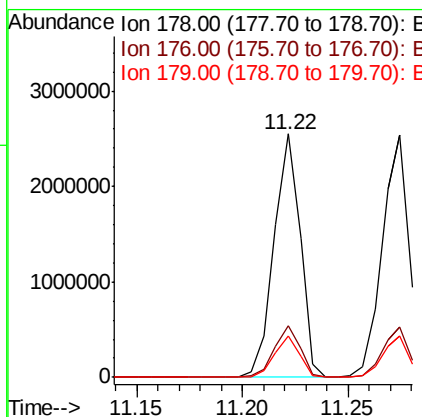
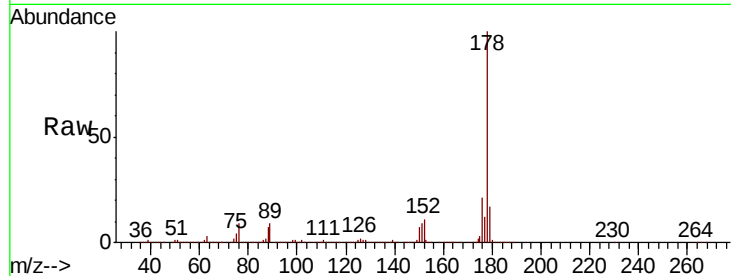
#71
Phenanthrene
Concen: 44.955 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.2	17.2	25.8	
179	16.8	13.9	20.9	

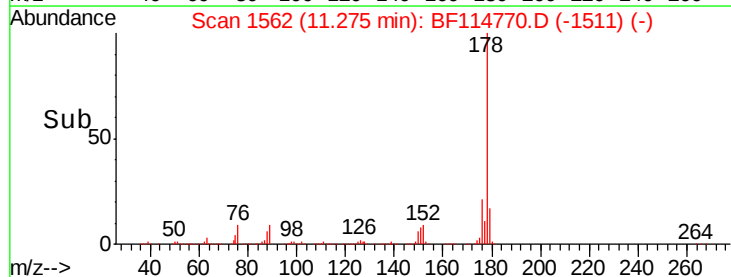
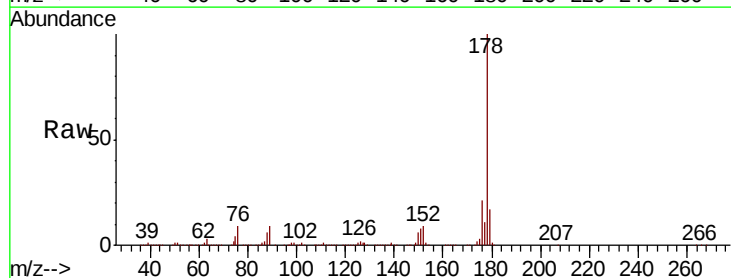
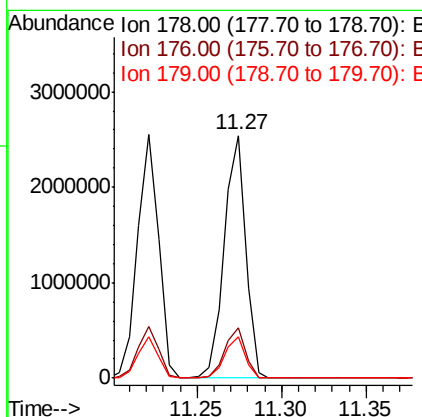
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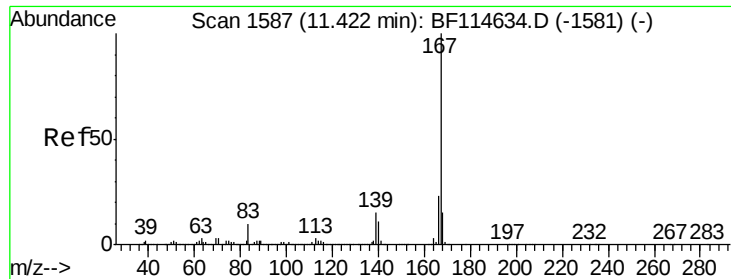
mohammad
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#72
Anthracene
Concen: 45.104 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	16.6	24.8	
179	16.9	13.4	20.0	





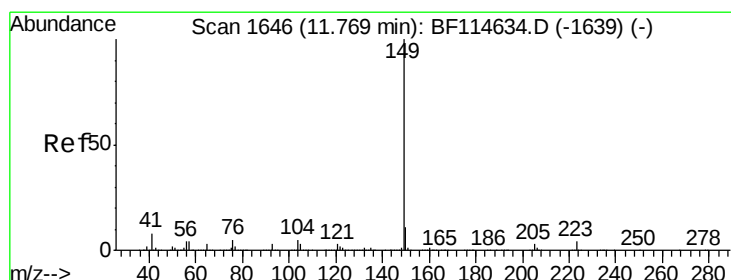
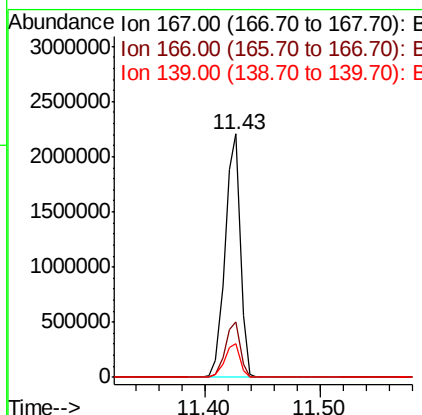
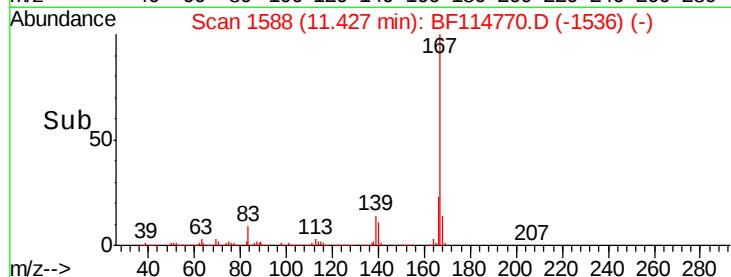
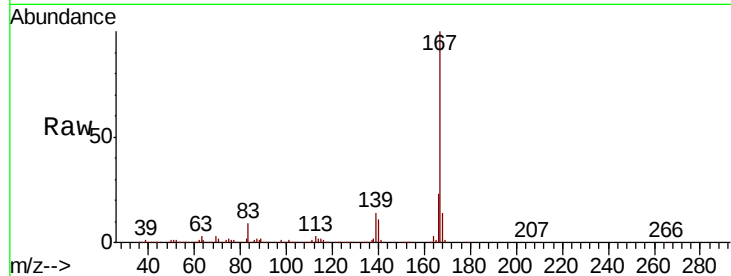
#73
 Carbazole
 Concen: 45.988 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.7	28.1
139	13.9	11.8	17.8

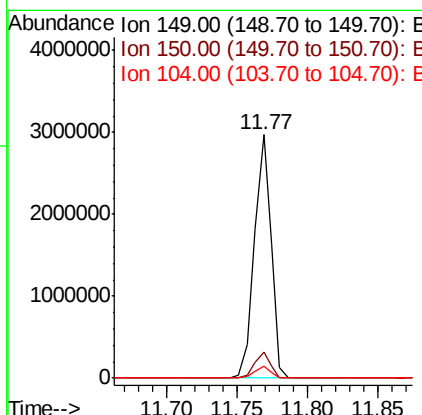
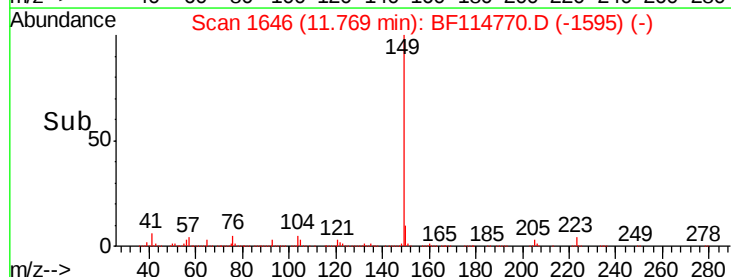
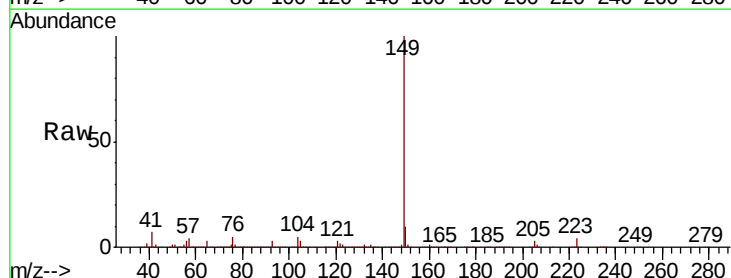
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#74
 Di-n-butylphthalate
 Concen: 47.495 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 42.385 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

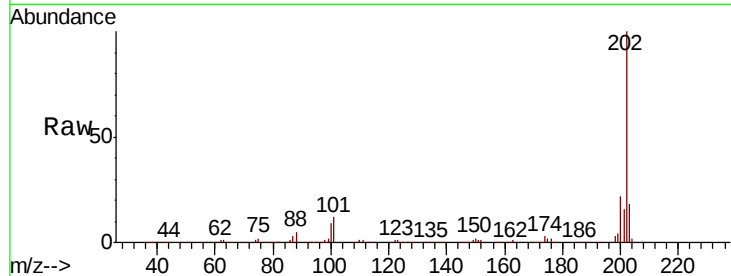
ClientSampleId :

NB-07-053019-AMS

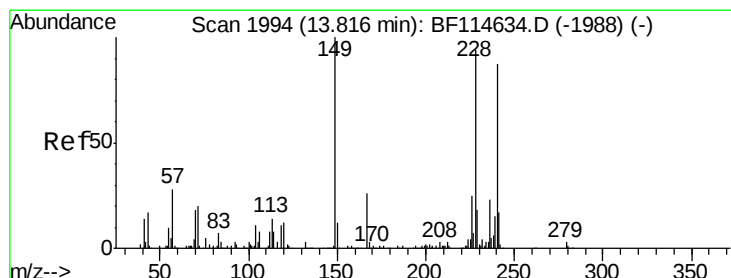
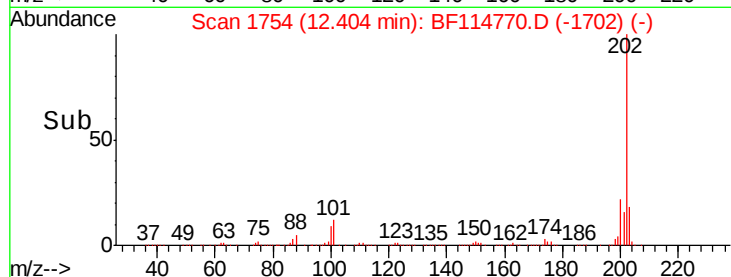
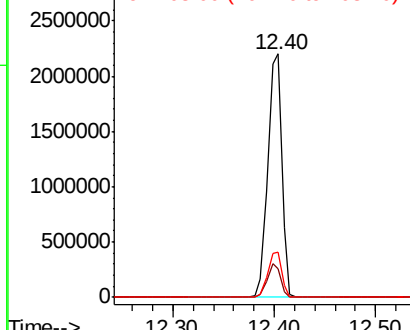
Tot Ion:	202	Resp:	2162159
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.9
203	18.4	0.0	39.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

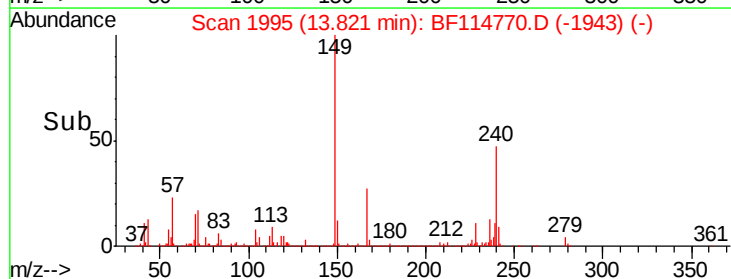
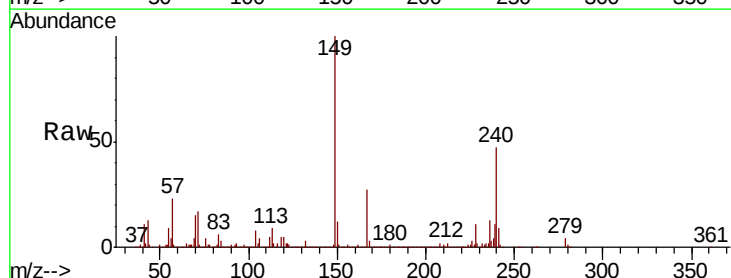
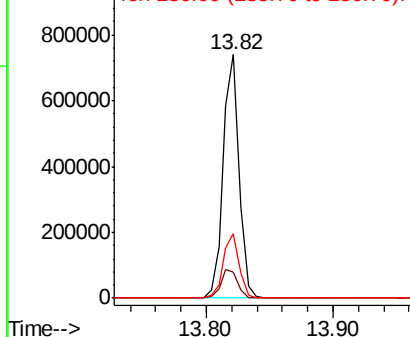
Delta R.T. 0.01 min

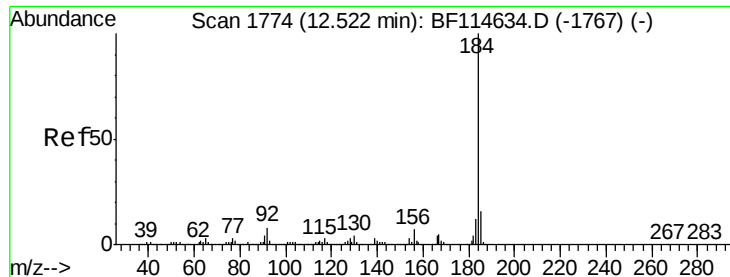
Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:	240	Resp:	646792
Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.2	16.8#
236	26.7	21.2	31.8

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





#77

Benzidine

Concen: 9.868 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

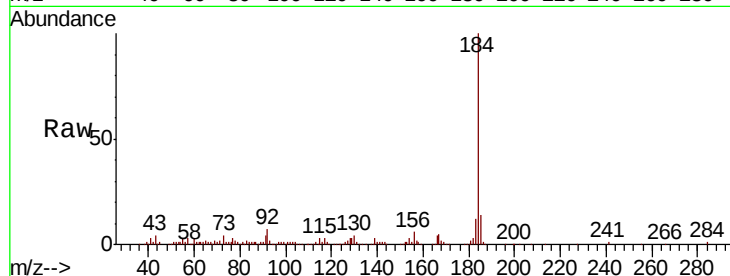
ClientSampleId :

NB-07-053019-AMS

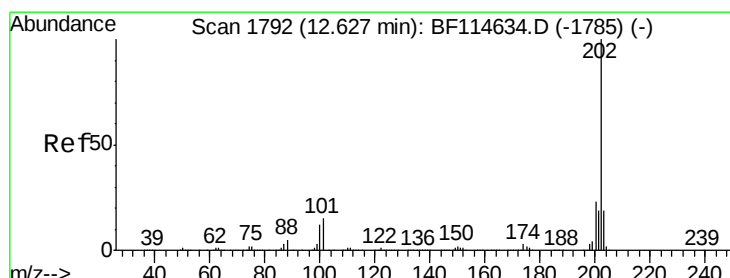
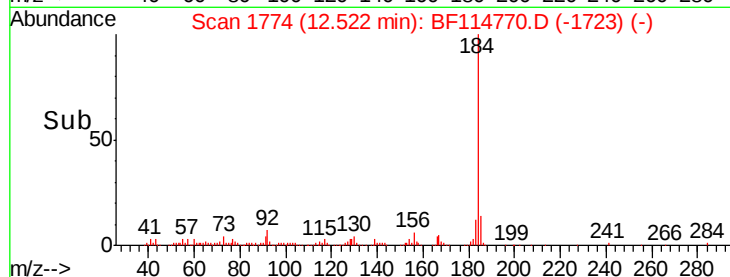
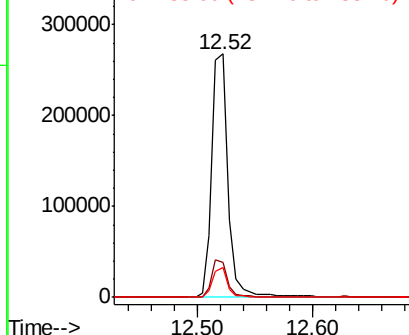
Tot Ion:	184	Resp:	262827
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.1	9.4	14.2

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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: 40.162 ng

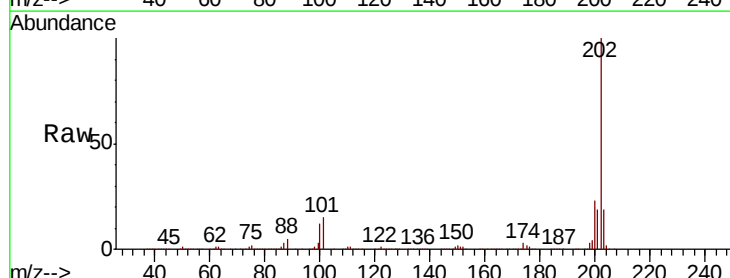
RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

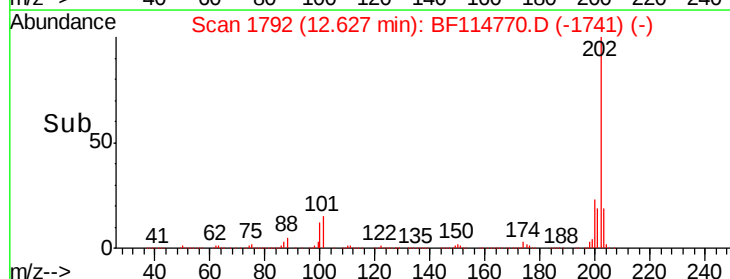
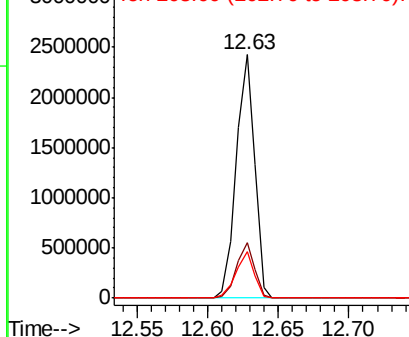
Lab File: BF114770.D

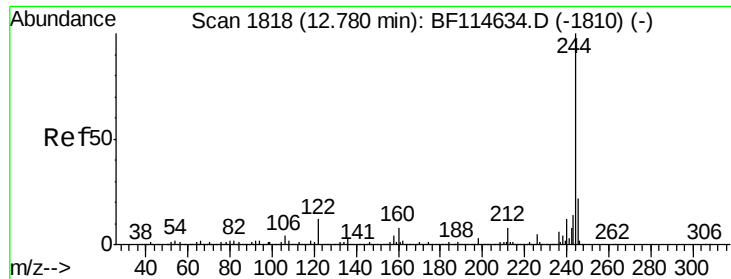
Acq: 1 Jun 2019 22:02

Tgt Ion:	202	Resp:	2197418
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.6	28.0
203	18.9	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





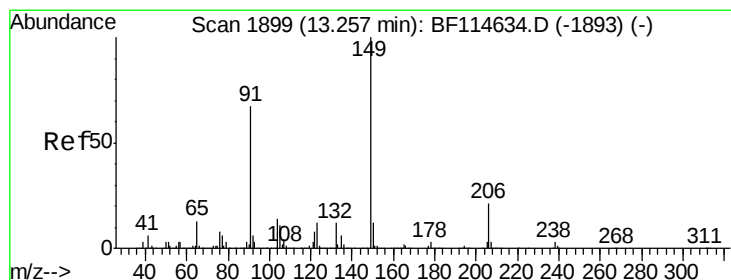
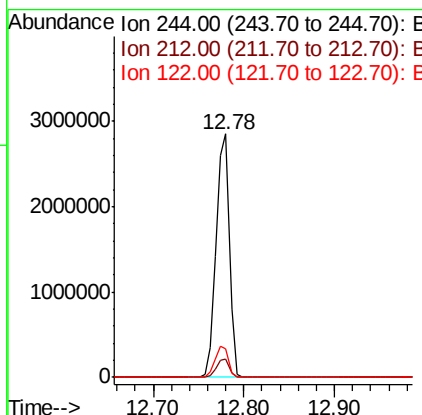
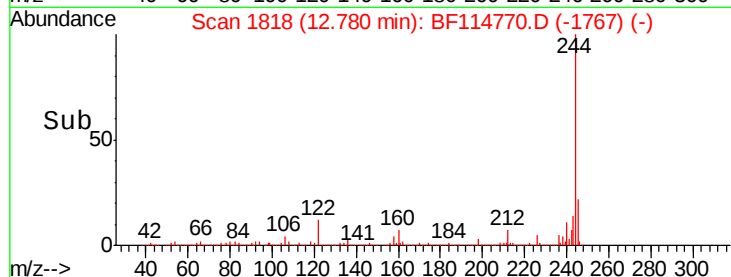
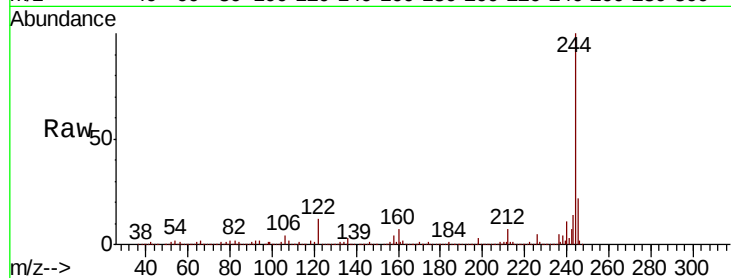
#79
Terphenyl-d14
Concen: 83.213 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.6	9.8	14.8

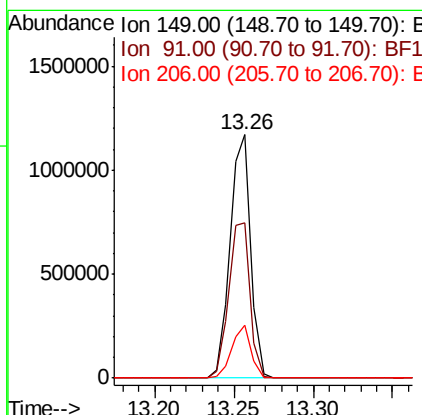
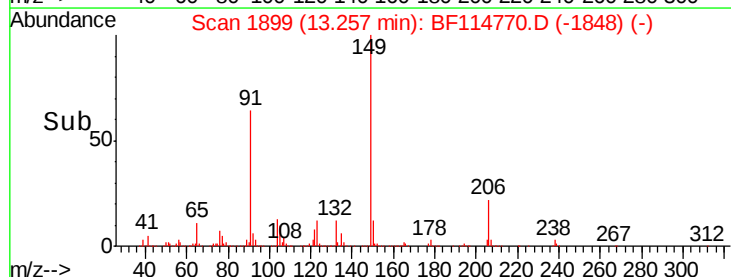
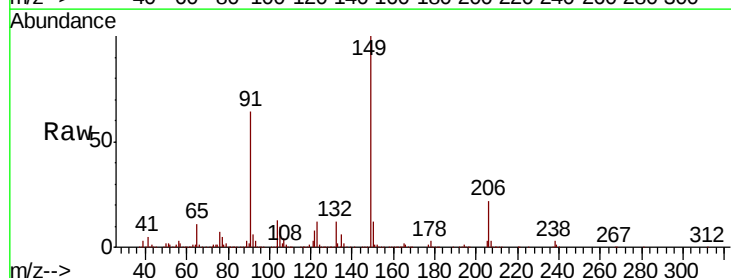
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#80
Butylbenzylphthalate
Concen: 38.184 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.7	53.8	80.8
206	21.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 41.009 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

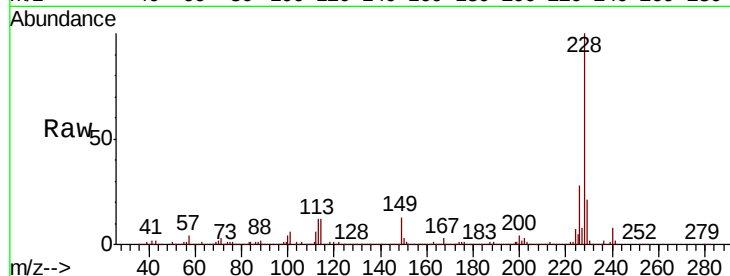
ClientSampleId :

NB-07-053019-AMS

Tot Ion:	228	Resp:	2038310
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	21.0	17.0	25.4

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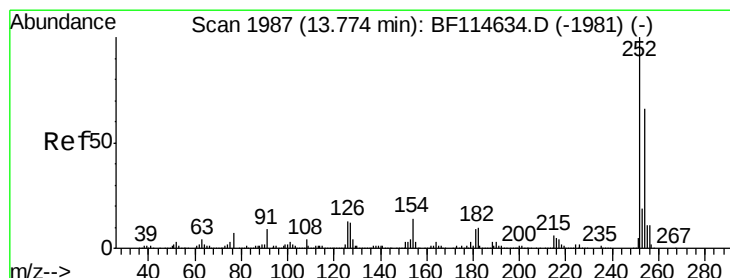
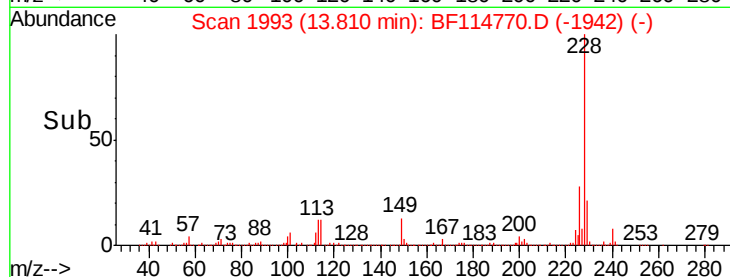
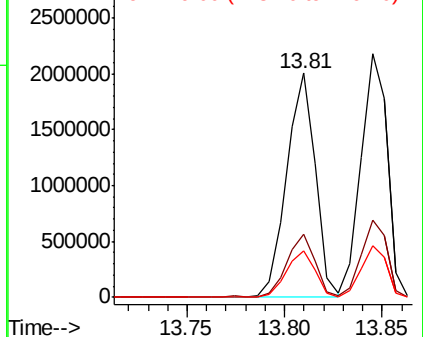


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.788 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

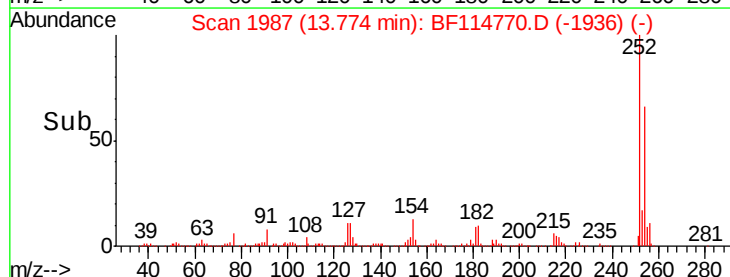
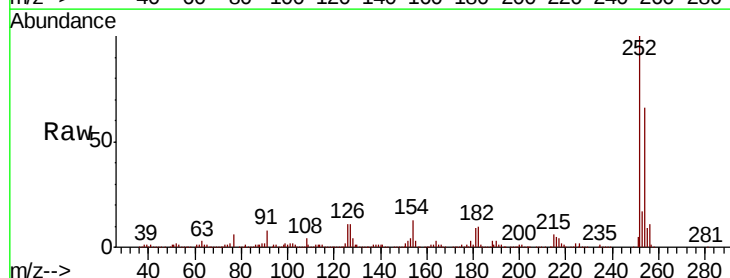
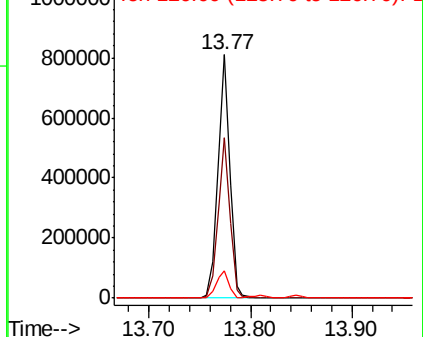
Tgt Ion:	252	Resp:	667765
Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	11.5	10.2	15.2

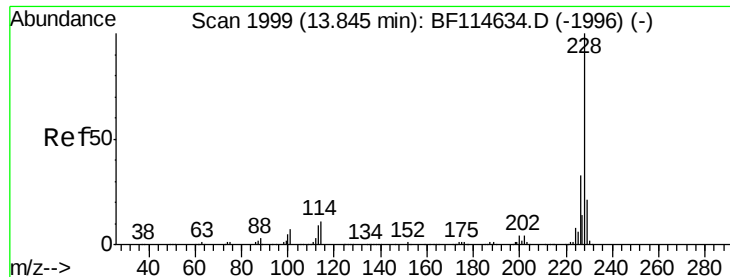
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





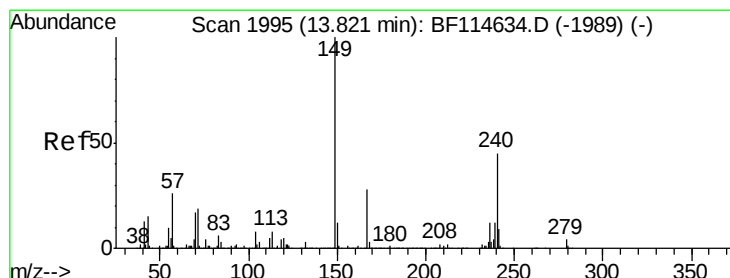
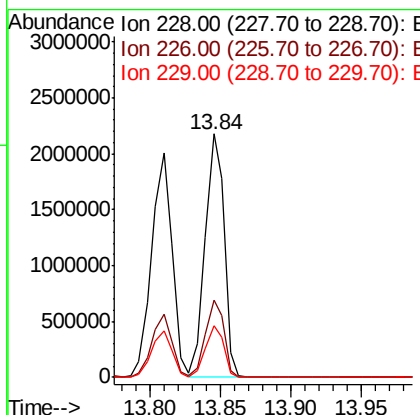
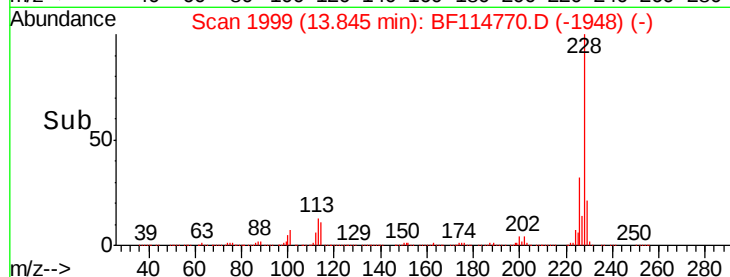
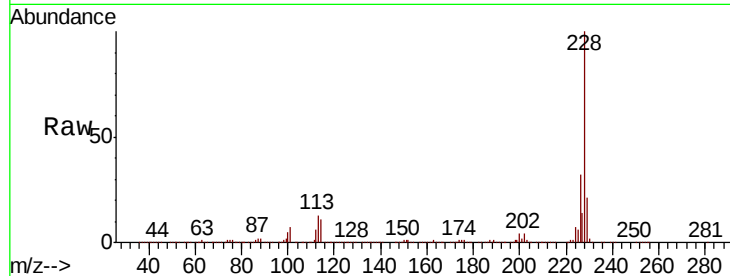
#83
Chrysene
Concen: 42.799 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion:228 Resp: 2032410
Ion Ratio Lower Upper
228 100
226 31.8 26.4 39.6
229 21.1 17.1 25.7

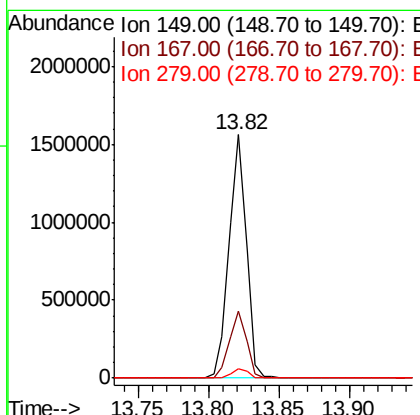
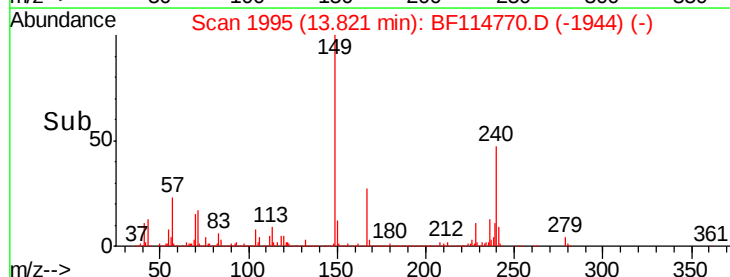
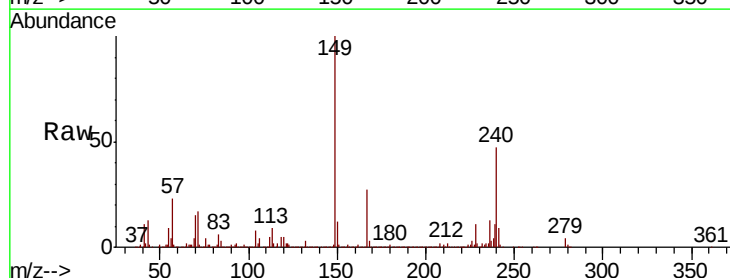
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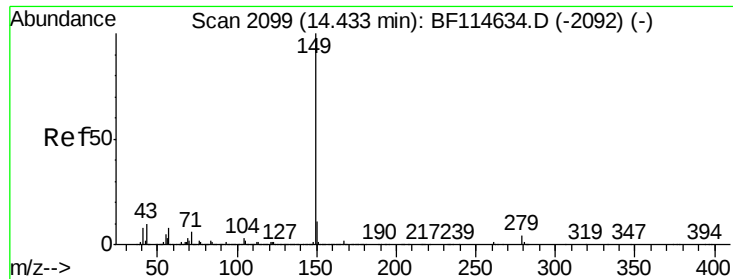
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.359 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:149 Resp: 1337994
Ion Ratio Lower Upper
149 100
167 27.3 22.6 33.8
279 3.9 3.0 4.4





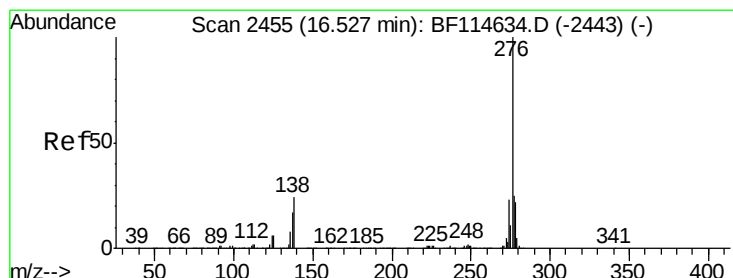
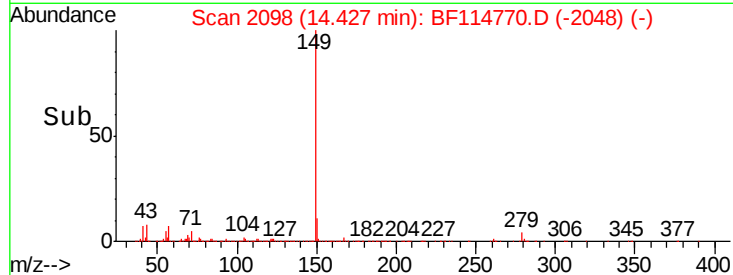
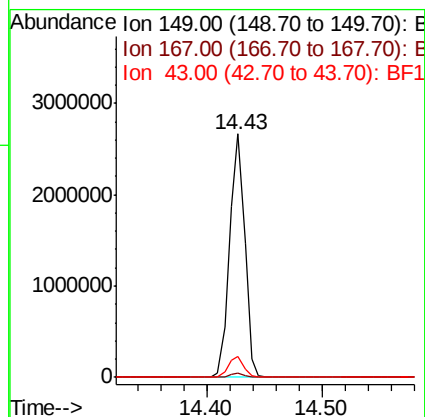
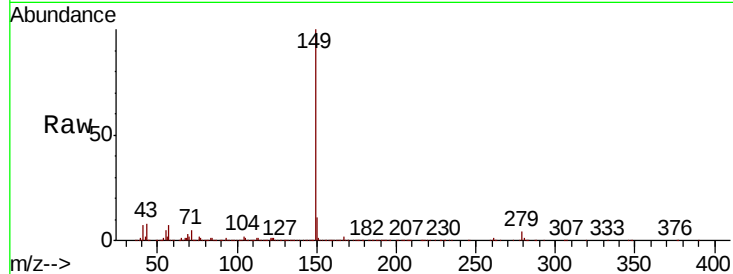
#85
Di-n-octyl phthalate
Concen: 40.919 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ion	Ratio	Lower	Upper
2416820	149	100		
	167	1.7	1.3	1.9
	43	8.6	8.0	12.0

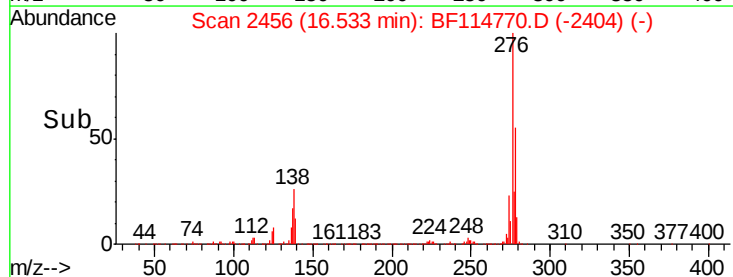
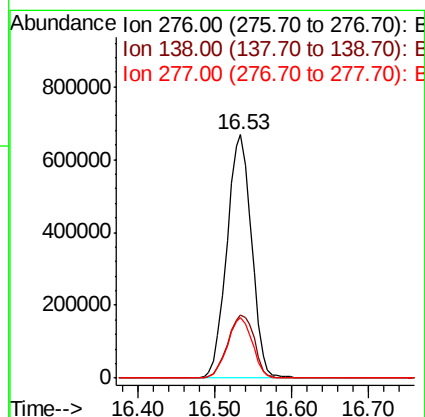
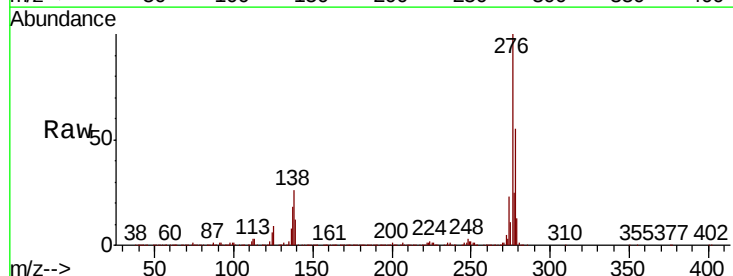
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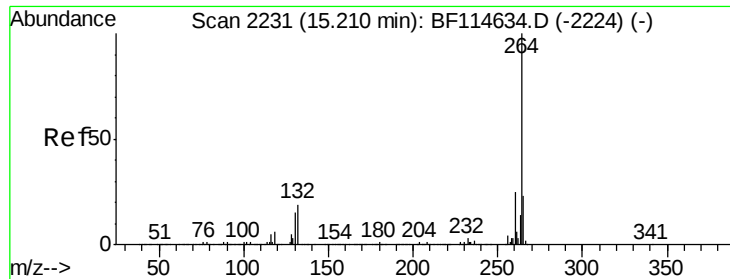
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.445 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
1495568	276	100		
	138	28.1	23.0	34.6
	277	25.1	20.5	30.7





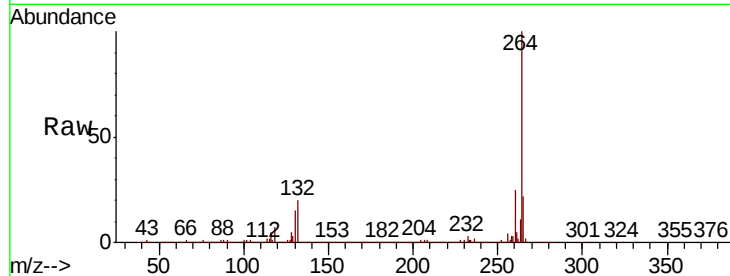
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.7	18.1	27.1

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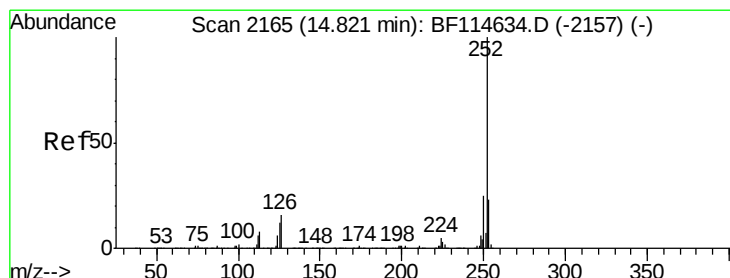
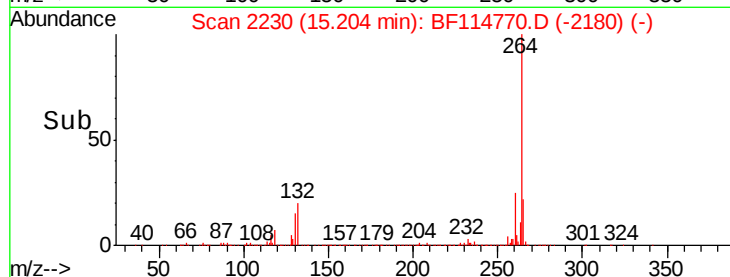
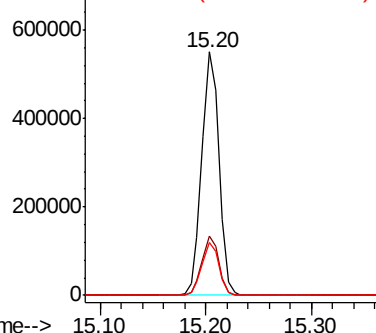


Abundance

Ion 264.00 (263.70 to 264.70): E

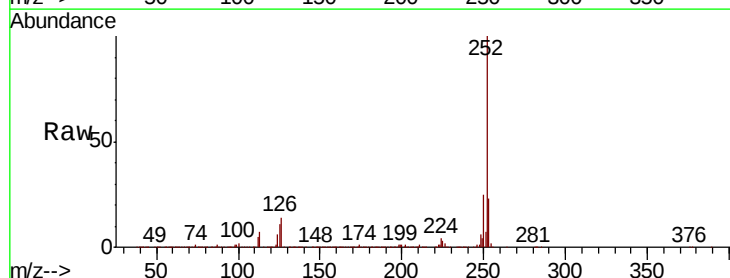
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 50.740 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	10.7	9.4	14.2

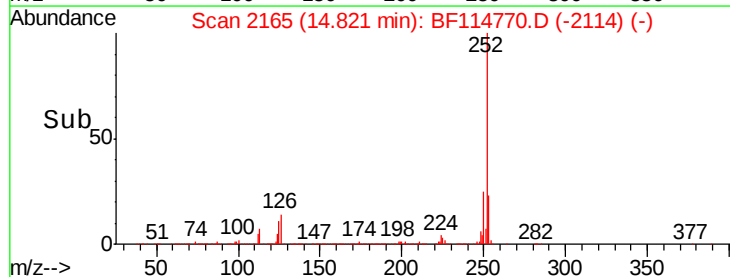
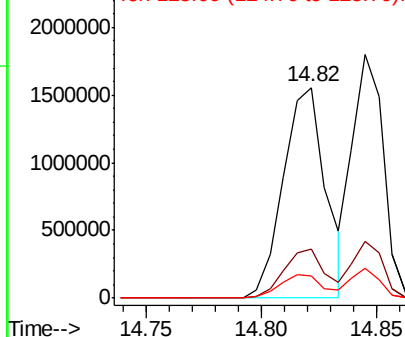


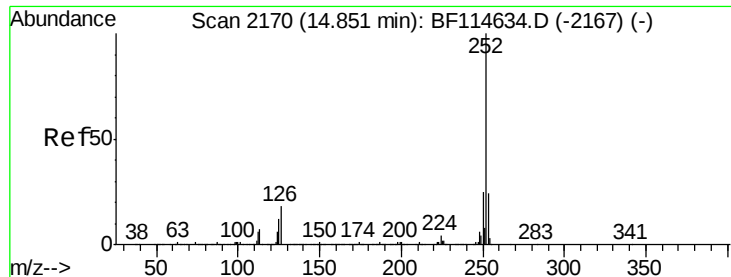
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.666 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

Tot Ion:252 Resp: 1686632

Ion Ratio Lower Upper

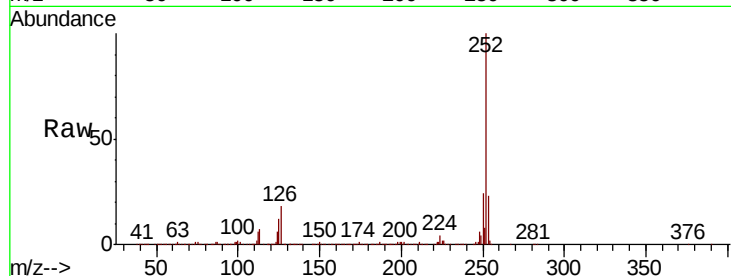
252 100

253 23.4 18.9 28.3

125 12.1 9.5 14.3

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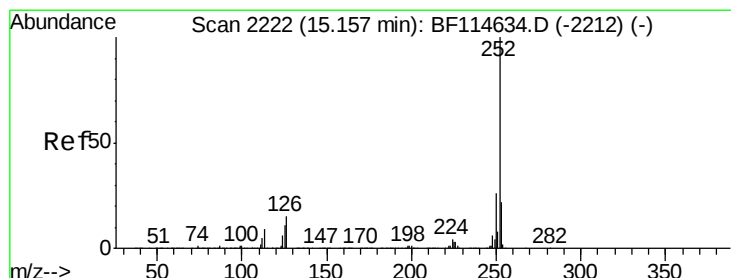
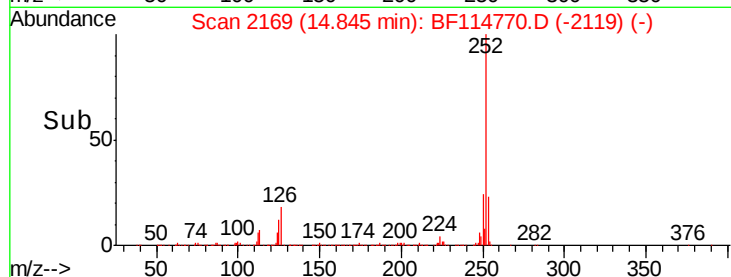
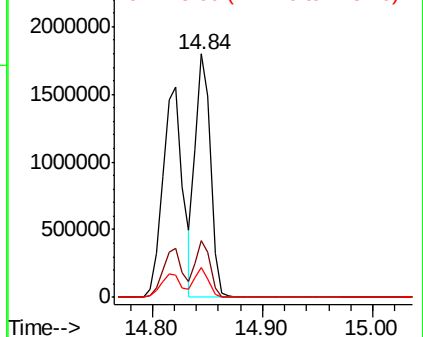


Abundance

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: 48.090 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:252 Resp: 1650597

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

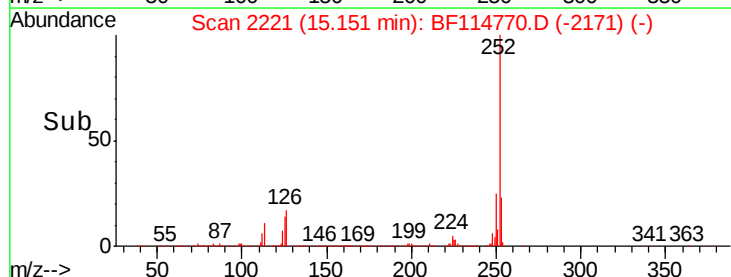
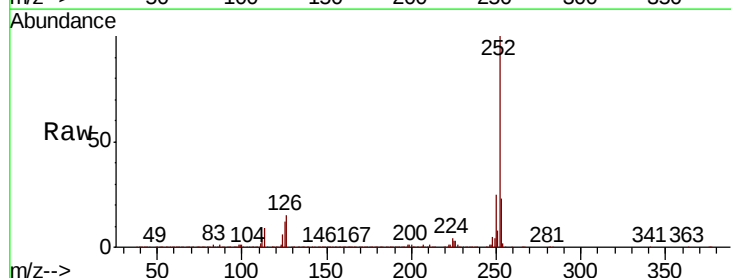
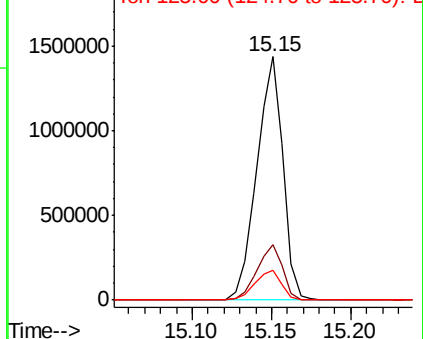
125 12.0 9.2 13.8

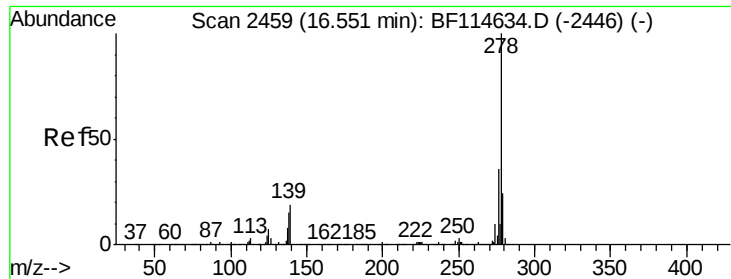
Abundance

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





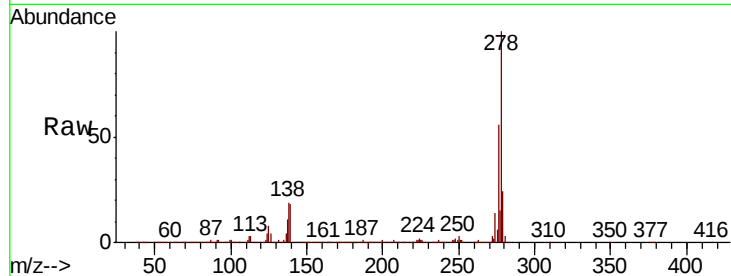
#91
Dibenzo(a,h)anthracene
Concen: 42.215 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

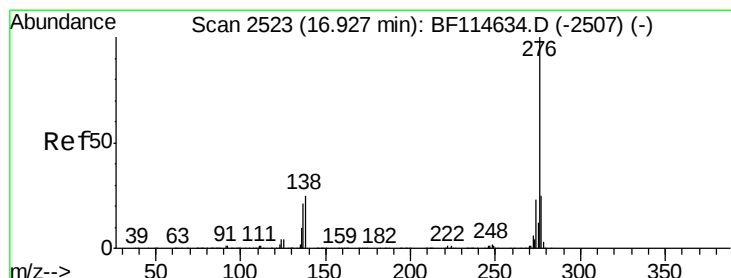
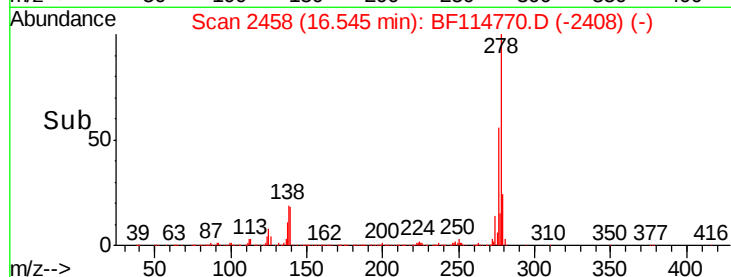
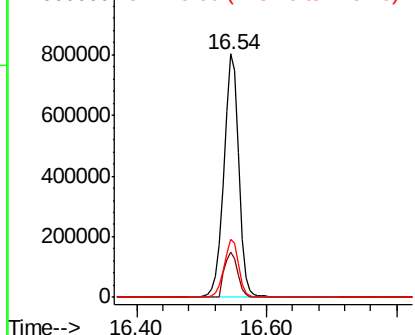
Tot Ion:278 Resp: 1280389
Ion Ratio Lower Upper
278 100
139 18.5 14.9 22.3
279 23.9 19.5 29.3

Manual Integrations
APPROVED

mohammad
6/3/2019 8:51:45 AM

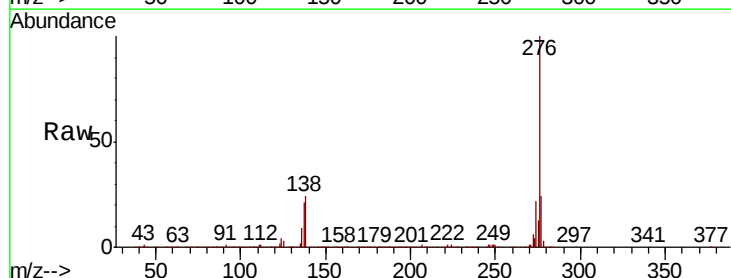


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.426 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:276 Resp: 1219460
Ion Ratio Lower Upper
276 100
277 23.8 19.7 29.5
138 23.9 19.8 29.8



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

