

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116961.D
 Acq On : 11 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4738-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03AMS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:58:00 AM

Quant Time: Sep 12 07:34:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62556	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	255617	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	134540	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	233423	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	186067	20.00	ng	-0.01
87) Perylene-d12	15.42	264	191060	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	386318	100.05	ng	-0.01
7) Phenol-d6	6.46	99	530950	104.72	ng	-0.02
23) Nitrobenzene-d5	7.38	82	317846	70.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	115690	128.63	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	550046	68.97	ng	-0.02
79) Terphenyl-d14	12.92	244	602407	59.89	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.55	88	63269	35.495 ng	97
3) Pyridine	3.29	79	158193	30.652 ng	91
4) n-Nitrosodimethylamine	3.22	42	64682	36.497 ng	84
6) Aniline	6.48	93	190837	27.174 ng	96
8) 2-Chlorophenol	6.61	128	194211	46.074 ng	99
9) Benzaldehyde	6.37	77	120673	36.125 ng	97
10) Phenol	6.47	94	263312	46.898 ng	98
11) bis(2-Chloroethyl)ether	6.56	93	177801	40.671 ng	100
12) 1,3-Dichlorobenzene	6.76	146	197404	41.436 ng	98
13) 1,4-Dichlorobenzene	6.84	146	205170	43.258 ng	99
14) 1,2-Dichlorobenzene	6.99	146	193105	43.933 ng	94
15) Benzyl Alcohol	6.96	79	179495	43.611 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	173714	33.868 ng	88
17) 2-Methylphenol	7.07	107	156830	42.501 ng	96
18) Hexachloroethane	7.34	117	78248	42.463 ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	139274	41.718 ng	93
20) 3+4-Methylphenols	7.23	107	204184	47.591 ng	# 71
22) Acetophenone	7.23	105	281234	45.699 ng	96
24) Nitrobenzene	7.40	77	216370	47.512 ng	94
25) Isophorone	7.64	82	387937	42.756 ng	98
26) 2-Nitrophenol	7.72	139	97381	57.517 ng	93
27) 2,4-Dimethylphenol	7.76	122	167924	49.110 ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	232494	41.931 ng	98
29) 2,4-Dichlorophenol	7.96	162	157283	47.864 ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	156521	43.915 ng	96
31) Naphthalene	8.13	128	552979	45.495 ng	99
32) Benzoic acid	7.85	122	53990	27.964 ng	96
33) 4-Chloroaniline	8.17	127	76941	13.906 ng	99
34) Hexachlorobutadiene	8.25	225	86066	44.287 ng	98
35) Caprolactam	8.53	113	52907m	43.021 ng	
36) 4-Chloro-3-methylphenol	8.66	107	187960	49.767 ng	100
37) 2-Methylnaphthalene	8.82	142	379033	46.868 ng	98
38) 1-Methylnaphthalene	8.92	142	348871	45.698 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	146319	45.368 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143863	77.245	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	104038	47.058	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	114239	49.772	nq	# 92
46) 1,1'-Biphenyl	9.28	154	453820	44.453	nq	99
47) 2-Chloronaphthalene	9.30	162	357180	44.173	nq	99
48) 2-Nitroaniline	9.40	65	117313	50.184	nq	100
49) Acenaphthylene	9.72	152	568082	46.477	nq	99
50) Dimethylphthalate	9.58	163	513179	55.248	nq	98
51) 2,6-Dinitrotoluene	9.64	165	93798	52.927	nq	92
52) Acenaphthene	9.89	154	334723	44.569	nq	99
53) 3-Nitroaniline	9.80	138	70629	31.802	nq	93
54) 2,4-Dinitrophenol	9.92	184	46017	73.950	nq	96
55) Dibenzofuran	10.06	168	502441	47.457	nq	98
56) 4-Nitrophenol	9.97	139	157164	103.205	nq	91
57) 2,4-Dinitrotoluene	10.05	165	127470	58.824	nq	95
58) Fluorene	10.40	166	403046	49.962	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84770	51.174	nq	92
60) Diethylphthalate	10.27	149	436085	46.869	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	172963	48.963	nq	94
62) 4-Nitroaniline	10.42	138	116419	54.015	nq	98
63) Azobenzene	10.56	77	448705	46.249	nq	92
65) 4,6-Dinitro-2-methylphenol	10.45	198	41568	48.298	nq	83
66) n-Nitrosodiphenylamine	10.51	169	358040	44.340	nq	96
67) 4-Bromophenyl-phenylether	10.88	248	104183	43.936	nq	96
68) Hexachlorobenzene	10.96	284	107622	43.379	nq	97
69) Atrazine	11.04	200	104391	46.159	nq	98
70) Pentachlorophenol	11.15	266	102918	85.754	nq	96
71) Phenanthrene	11.36	178	600892	46.244	nq	100
72) Anthracene	11.42	178	619755	47.382	nq	100
73) Carbazole	11.57	167	596298	47.859	nq	100
74) Di-n-butylphthalate	11.90	149	738658	46.244	nq	100
75) Fluoranthene	12.55	202	640000	50.119	nq	98
77) Benzidine	12.66	184	263384	36.090	nq	99
78) Pyrene	12.78	202	653468	39.508	nq	99
80) Butylbenzylphthalate	13.39	149	325040	40.410	nq	93
81) Benzo(a)anthracene	13.96	228	543859	46.183	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	109127	27.421	nq	97
83) Chrysene	14.00	228	538091	44.352	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	446458	44.965	nq	98
85) Di-n-octyl phthalate	14.56	149	769569	47.363	nq	# 94
86) Indeno(1,2,3-cd)pyrene	16.86	276	484135	49.681	nq	98
88) Benzo(b)fluoranthene	15.00	252	535599	46.367	nq	98
89) Benzo(k)fluoranthene	15.03	252	439503	41.730	nq	99
90) Benzo(a)pyrene	15.36	252	467469	46.516	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	398683	45.323	nq	97
92) Benzo(g,h,i)perylene	17.29	276	410856	45.796	nq	95

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



#1

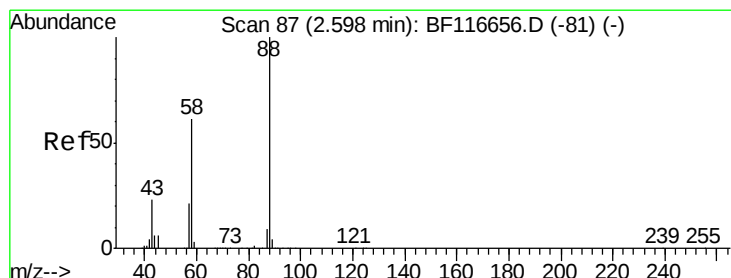
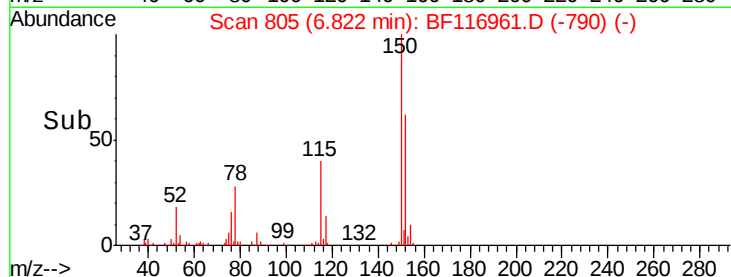
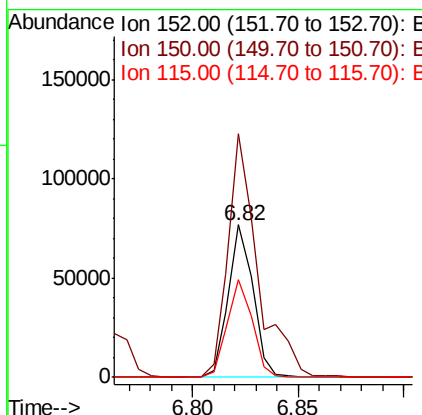
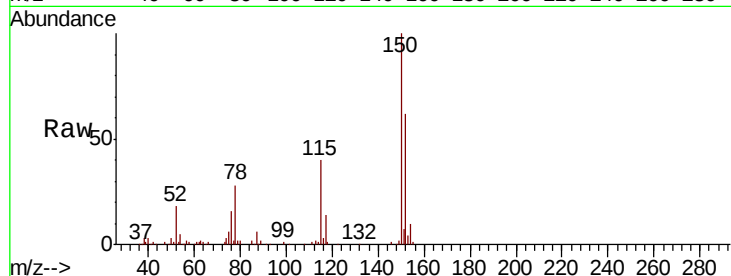
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	64.2	49.9	74.9

Manual Integrations
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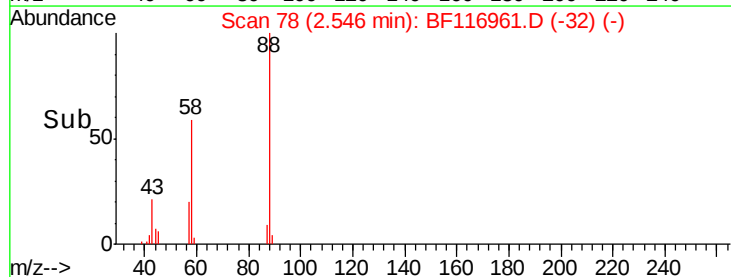
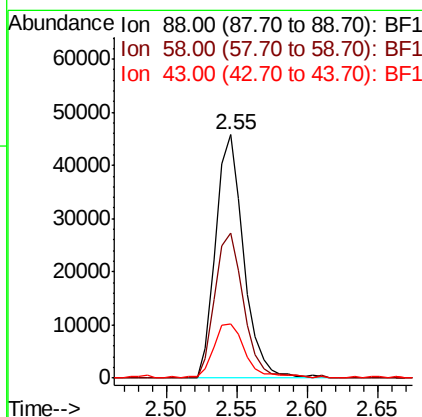
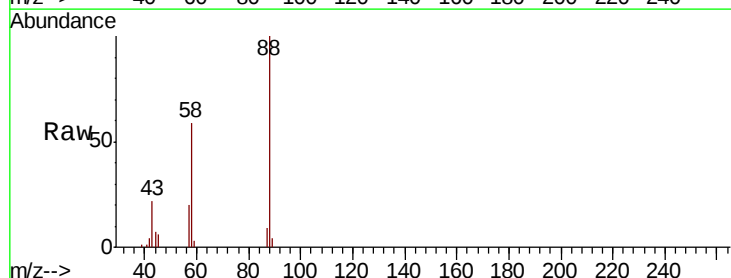
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#2

1,4-Dioxane
Concen: 35.495 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	51.7	77.5
43	25.9	19.8	29.8





#3

Pvridine

Concen: 30.652 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

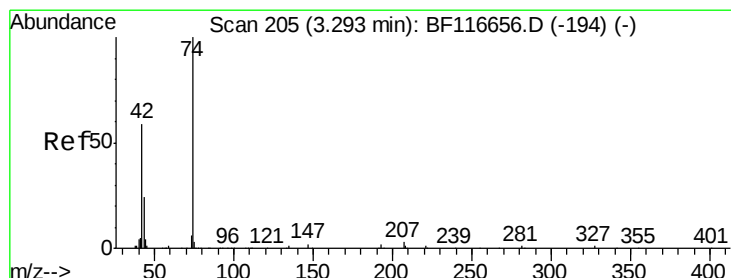
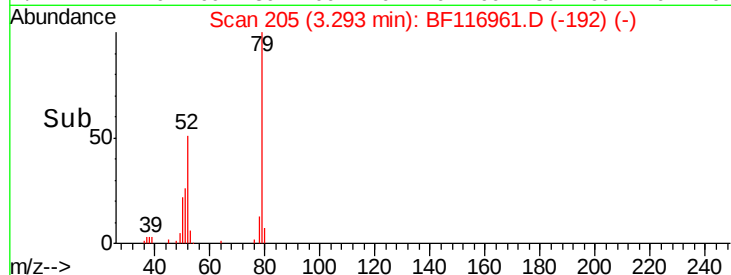
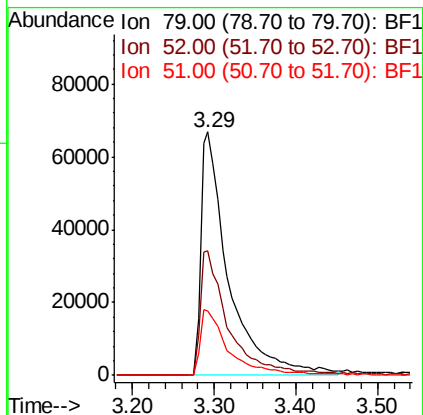
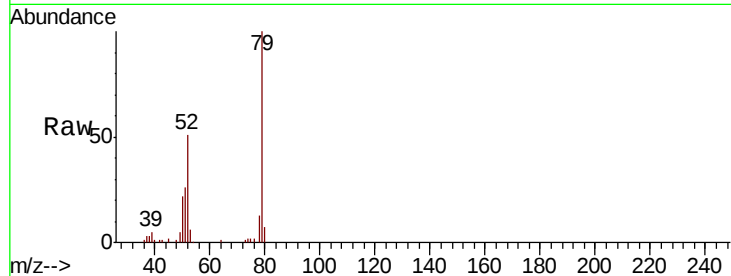
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	79	Resp:	158193
Ion Ratio	Lower	Upper	
79	100		
52	51.3	47.4	71.0
51	26.4	24.1	36.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.497 ng

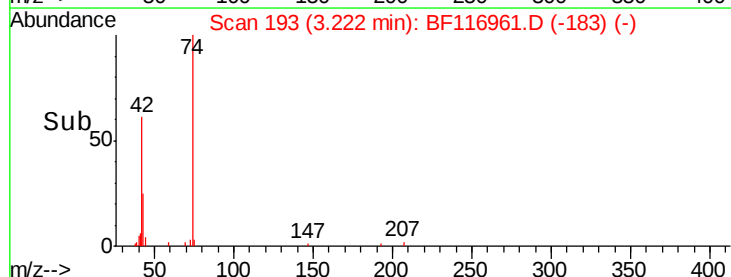
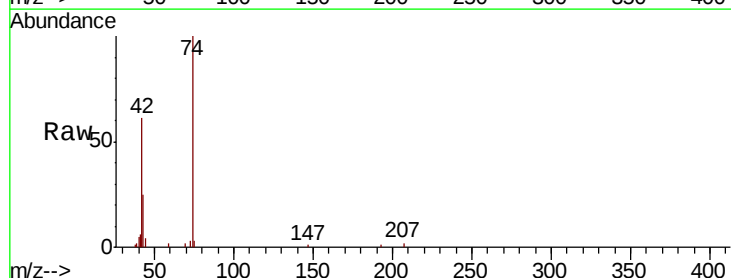
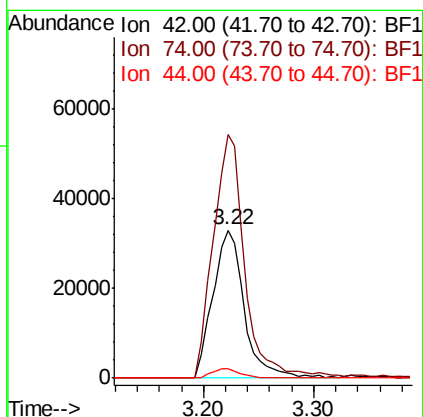
RT: 3.22 min Scan# 193

Delta R.T. -0.04 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	42	Resp:	64682
Ion Ratio	Lower	Upper	
42	100		
74	164.6	115.6	173.4
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 100.048 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

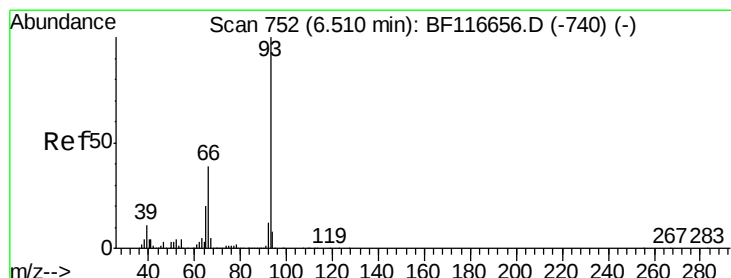
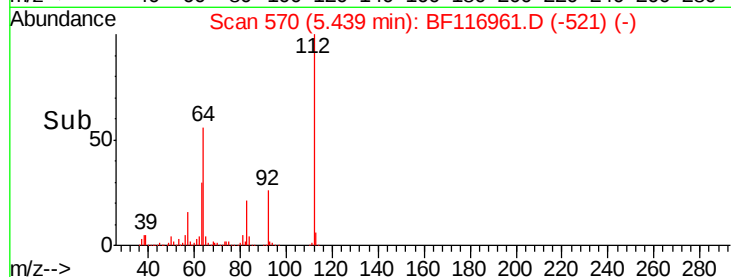
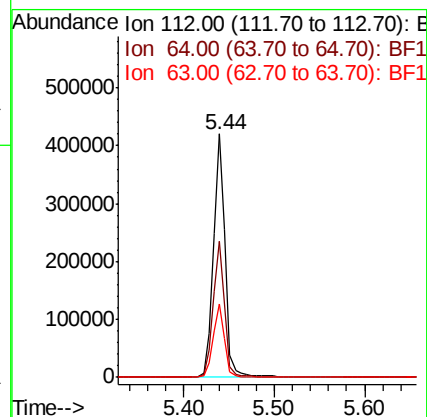
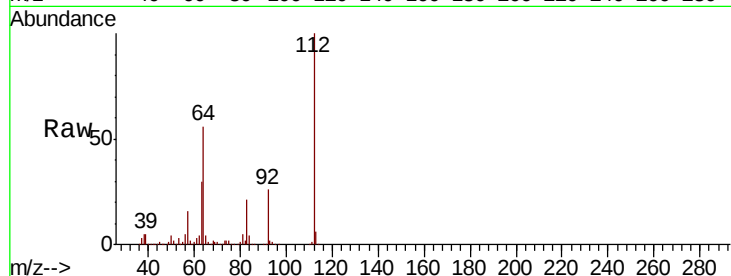
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	112	Resp:	386318
Ion Ratio	Lower	Upper	
112	100		
64	55.7	47.1	70.7
63	29.9	24.9	37.3

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#6

Aniline

Concen: 27.174 ng

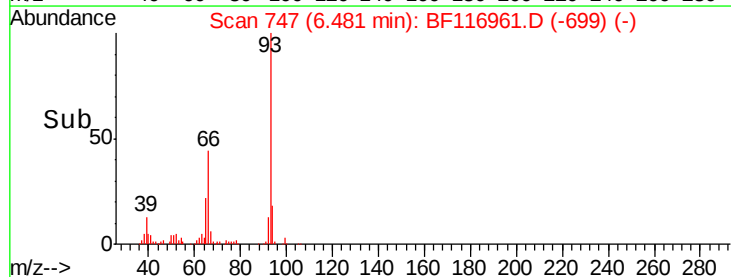
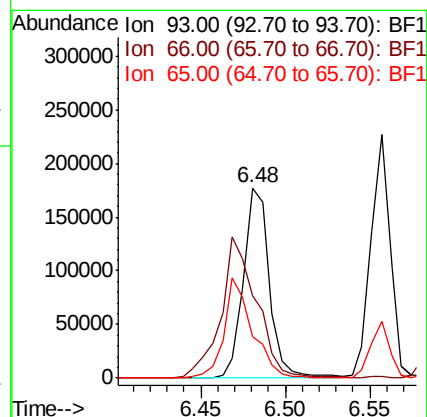
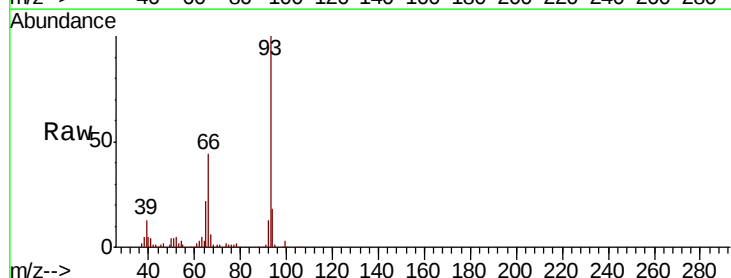
RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	93	Resp:	190837
Ion Ratio	Lower	Upper	
93	100		
66	43.6	32.7	49.1
65	22.0	16.3	24.5





#7

Phenol-d6

Concen: 104.716 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

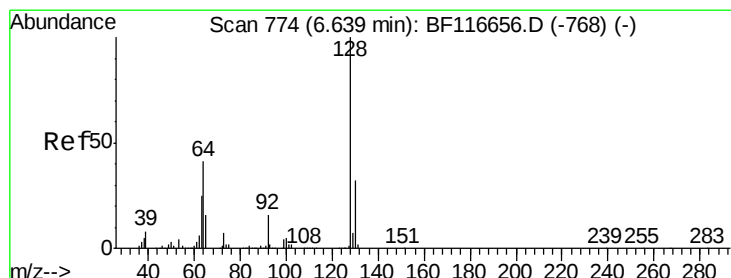
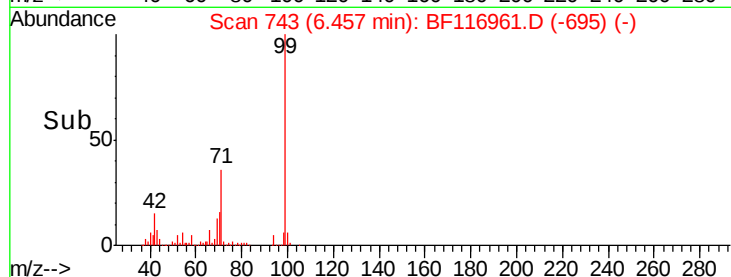
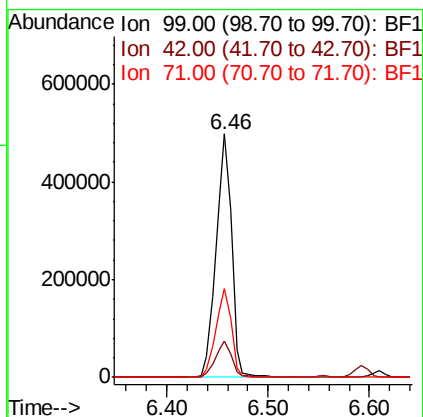
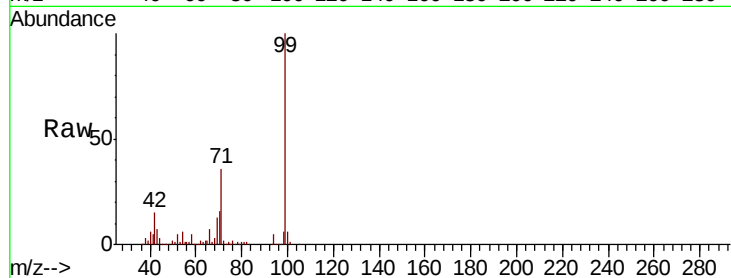
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		530950		
42	14.7	13.7	20.5		
71	36.4	30.8	46.2		

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#8

2-Chlorophenol

Concen: 46.074 ng

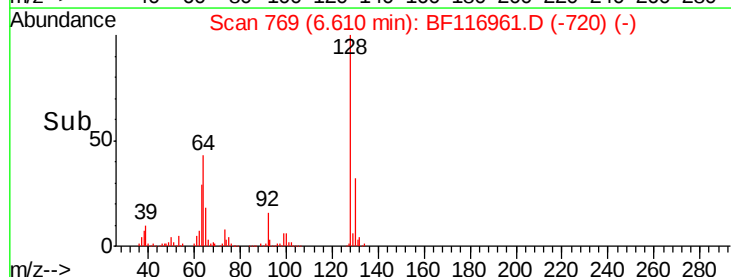
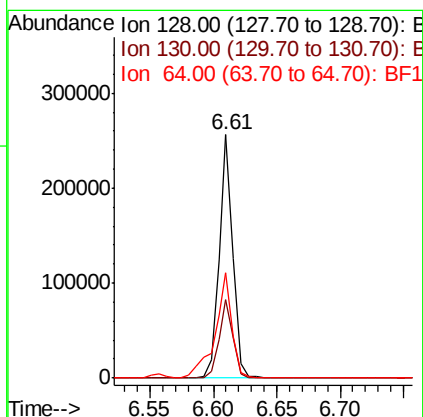
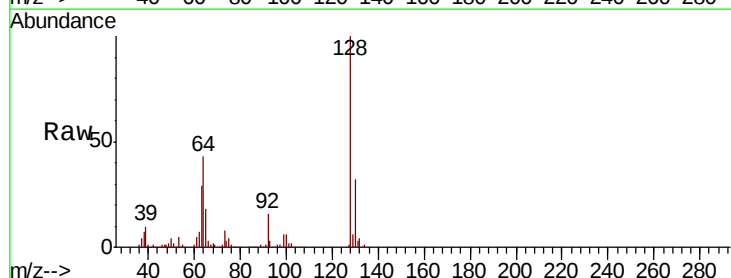
RT: 6.61 min Scan# 769

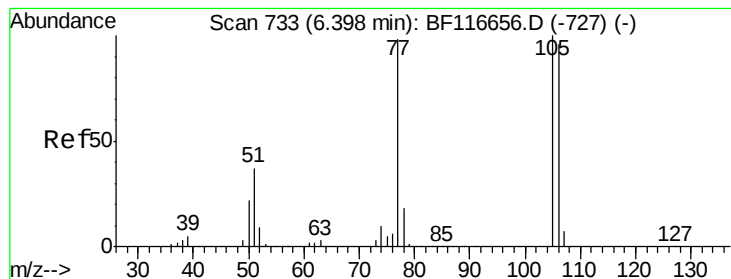
Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		194211		
130	32.1	12.3	52.3		
64	43.4	22.5	62.5		





#9

Benzaldehyde

Concen: 36.125 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

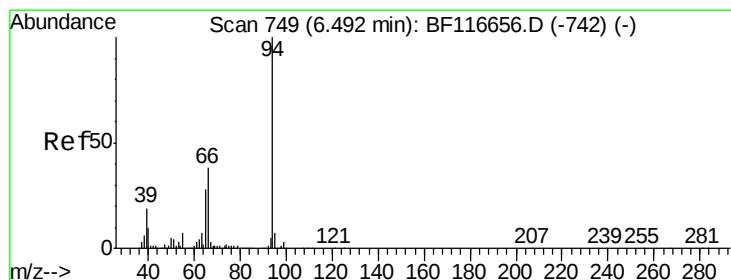
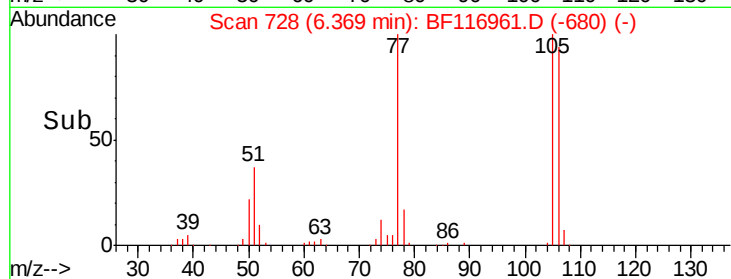
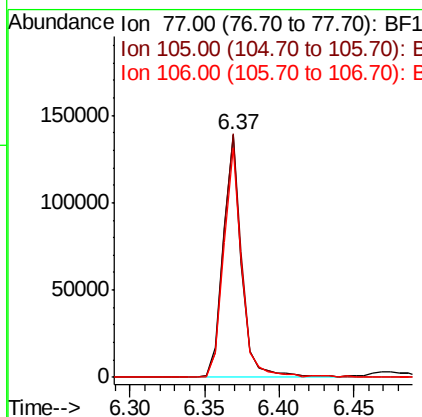
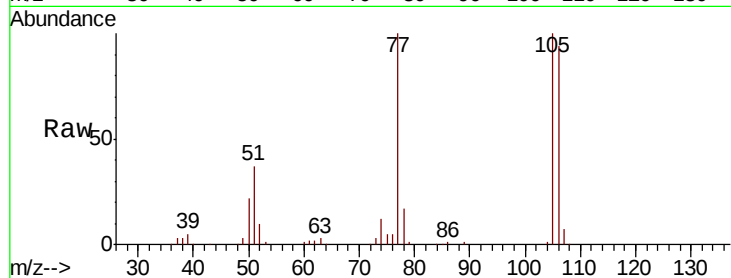
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	77	Resp:	120673
Ion Ratio	Lower	Upper	
77	100		
105	100.4	76.7	116.7
106	94.4	73.1	113.1

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#10

Phenol

Concen: 46.898 ng

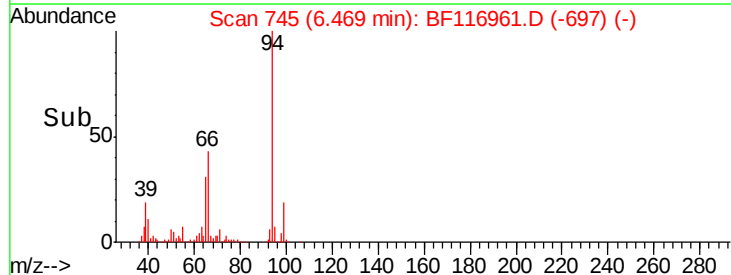
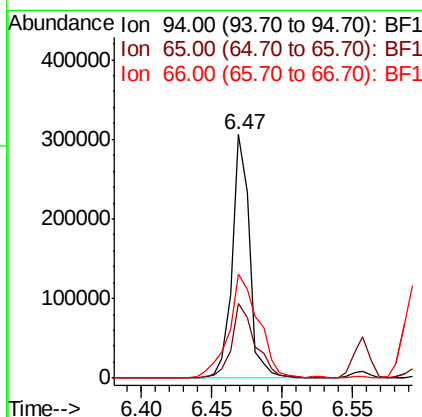
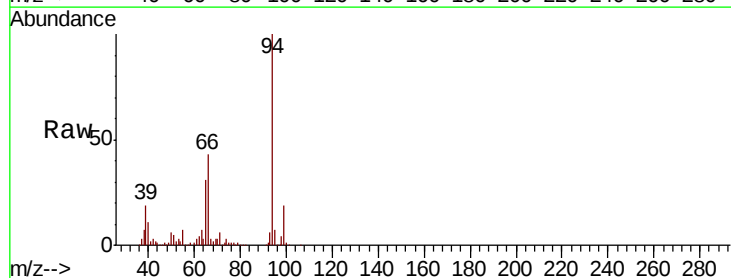
RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	94	Resp:	263312
Ion Ratio	Lower	Upper	
94	100		
65	30.6	10.8	50.8
66	42.9	21.1	61.1





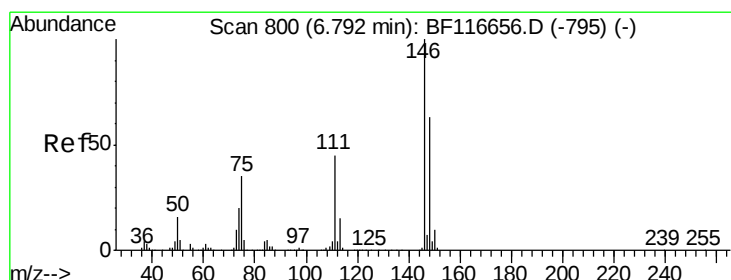
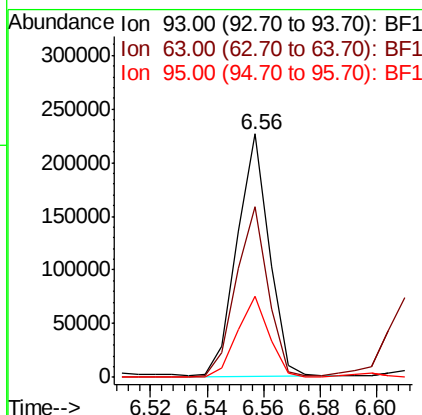
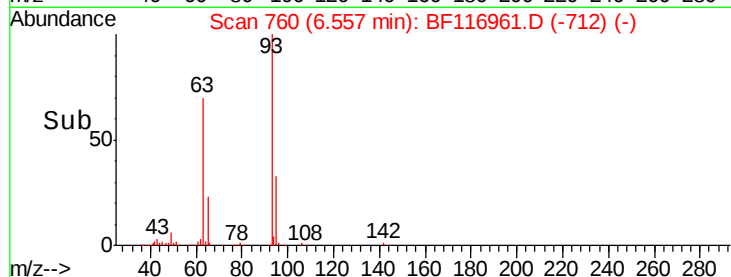
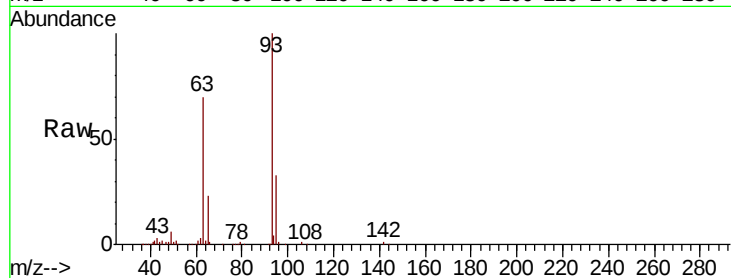
#11
bis(2-Chloroethyl)ether
Concen: 40.671 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177801		
63	70.0	49.9	89.9		
95	33.1	12.7	52.7		

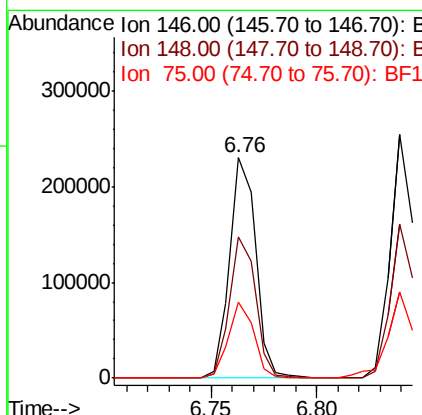
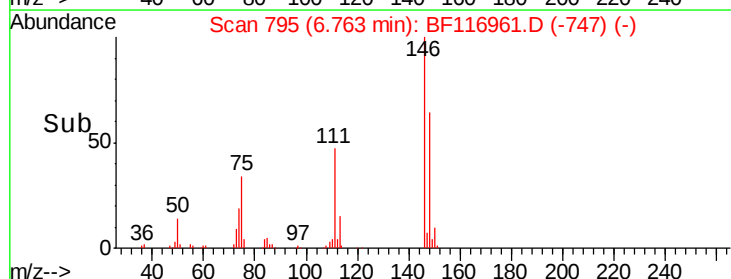
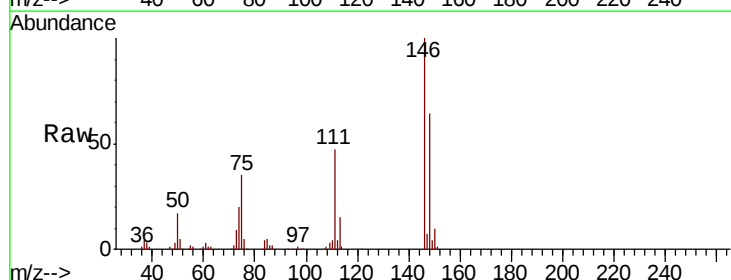
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#12
1,3-Dichlorobenzene
Concen: 41.436 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		197404		
148	63.9	51.4	77.0		
75	34.6	29.6	44.4		





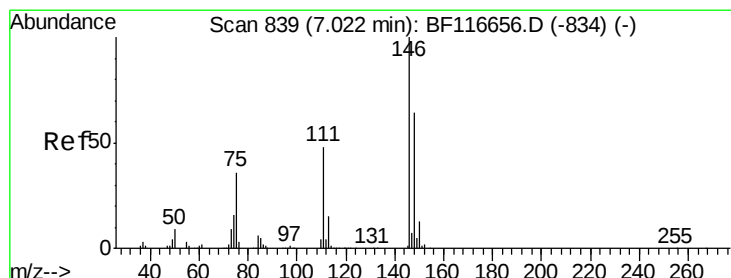
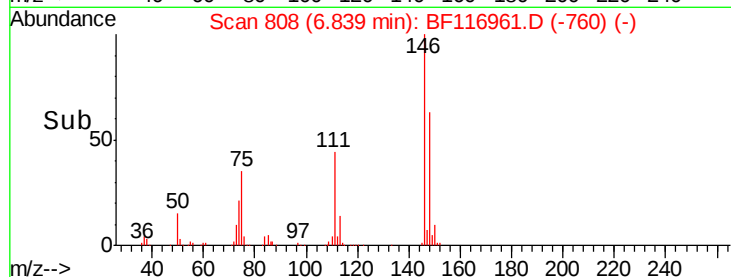
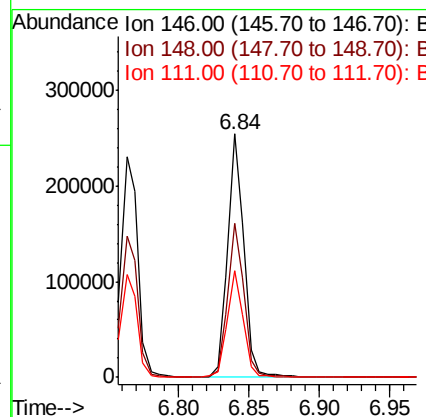
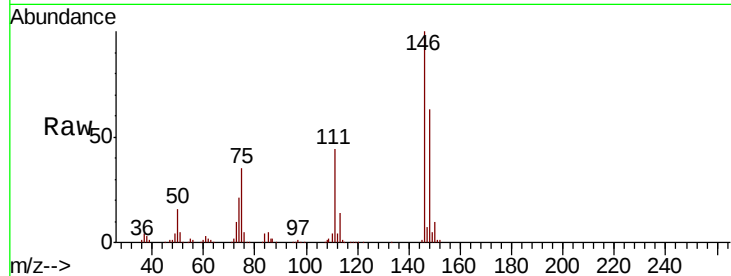
#13
1,4-Dichlorobenzene
Concen: 43.258 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
111	43.9	34.8	52.2

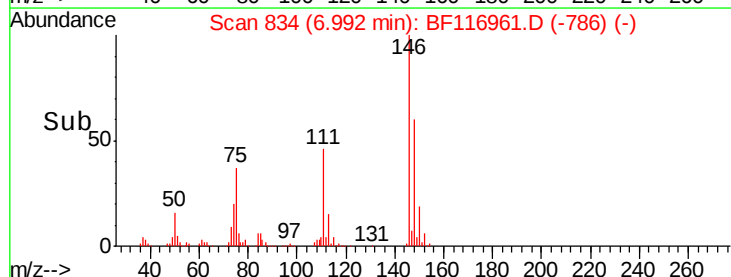
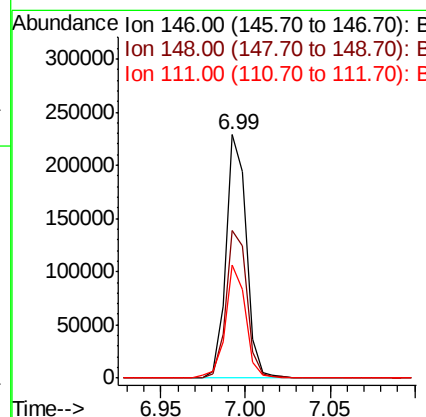
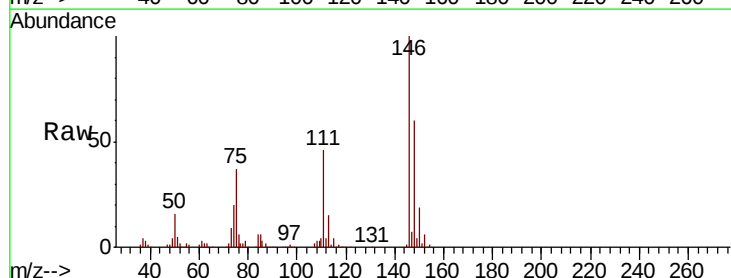
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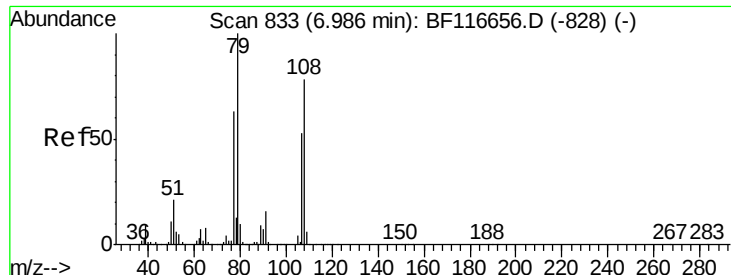
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#14
1,2-Dichlorobenzene
Concen: 43.933 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	52.6	78.8
111	46.4	34.2	51.4





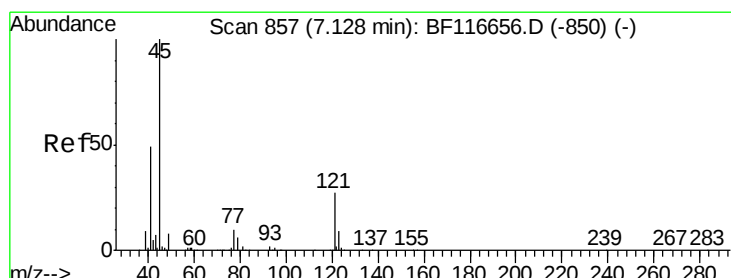
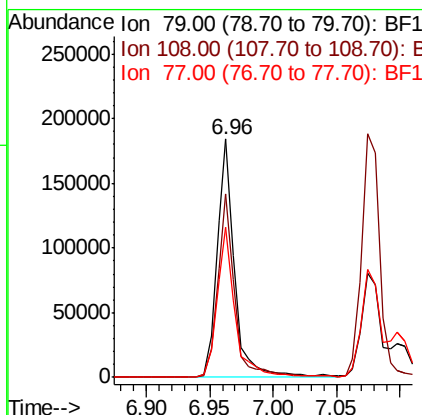
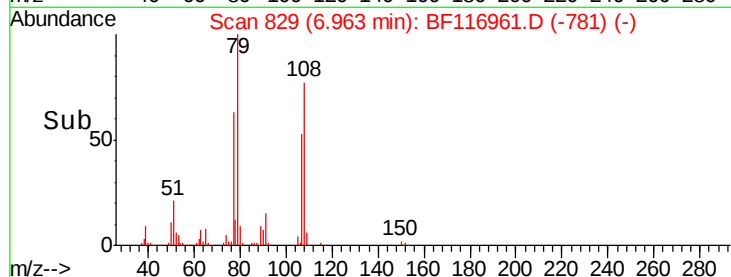
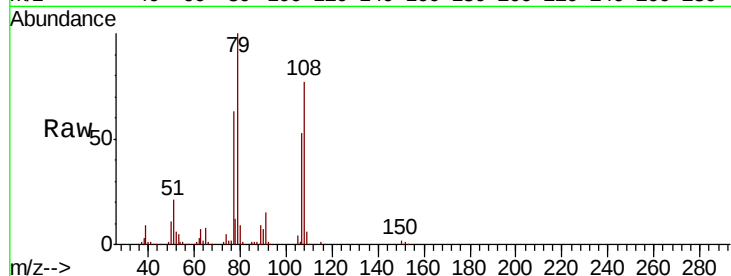
#15
Benzyl Alcohol
Concen: 43.611 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	59.2	88.8
77	63.2	53.0	79.4

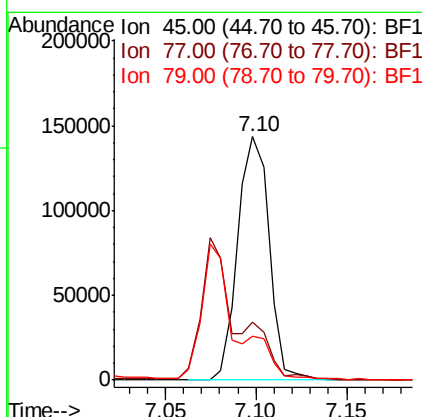
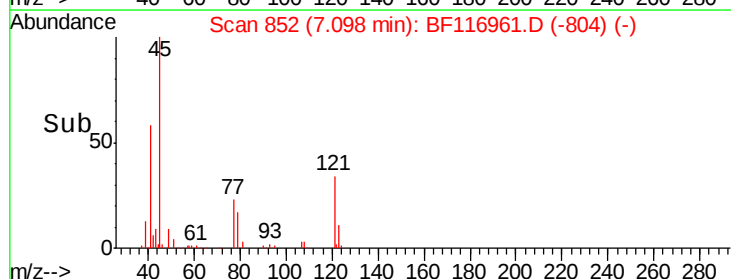
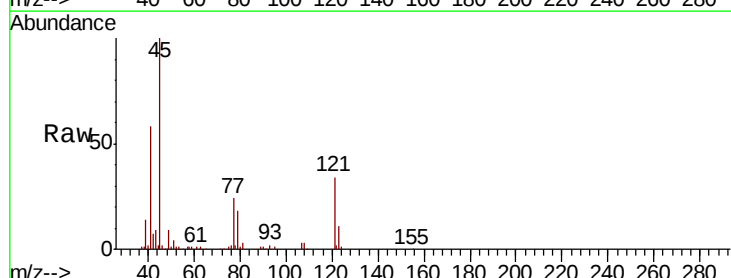
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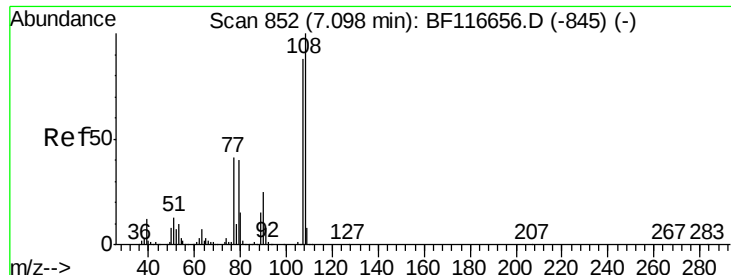
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.868 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	0.0	38.2
79	18.1	0.0	33.9





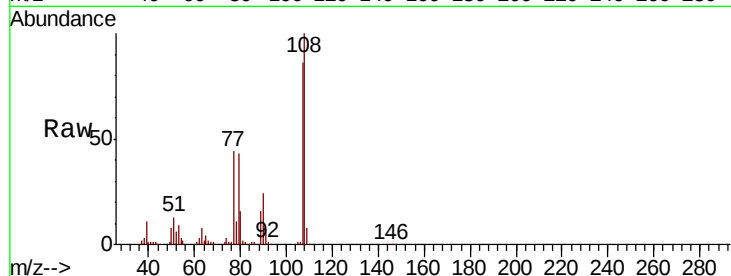
#17
2-Methylphenol
Concen: 42.501 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.8	88.3	132.5	
77	51.9	39.9	59.9	
79	49.9	39.8	59.8	

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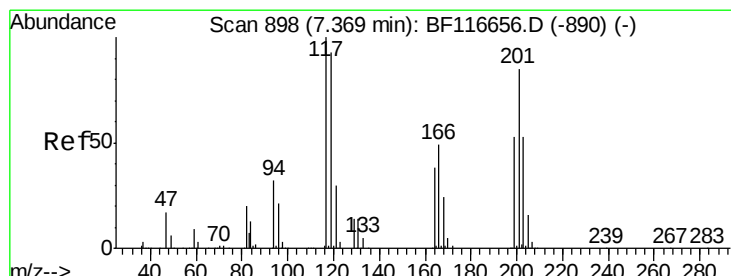
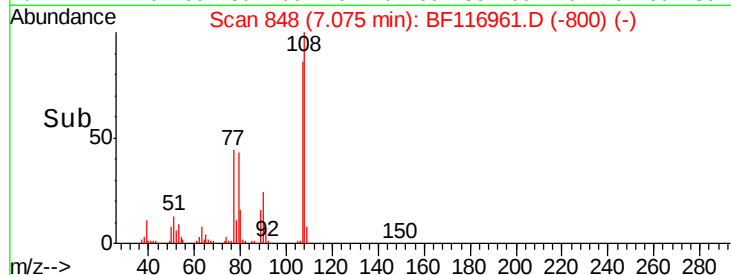
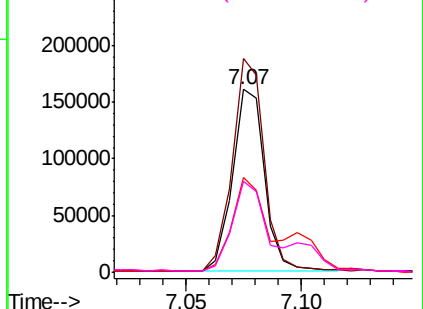
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

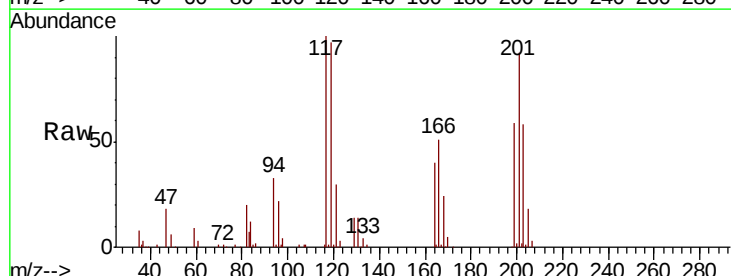
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.463 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.9	115.3	
201	92.3	79.4	119.0	

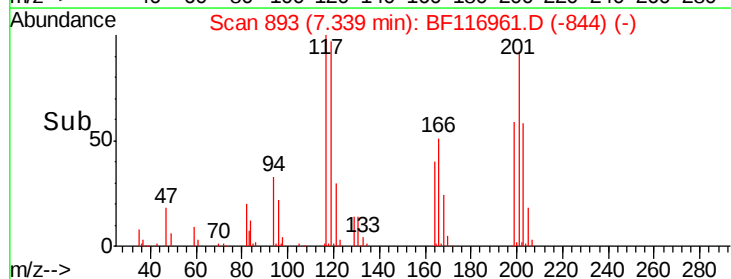
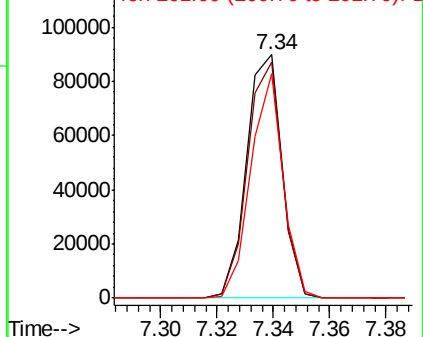


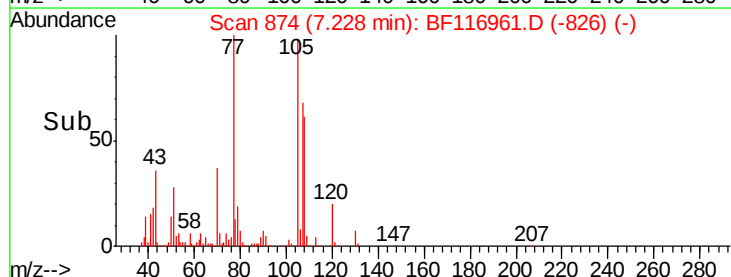
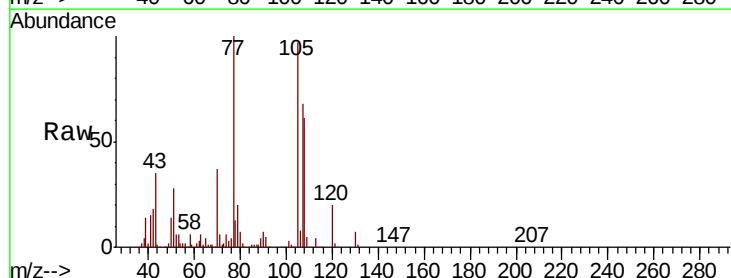
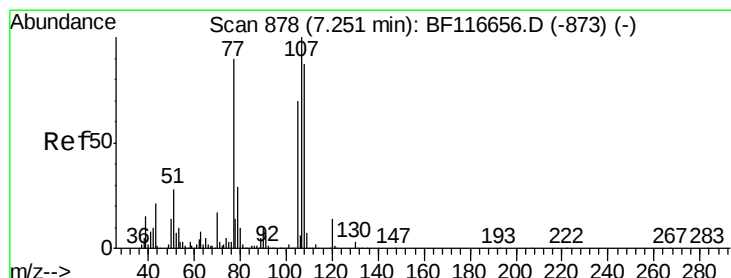
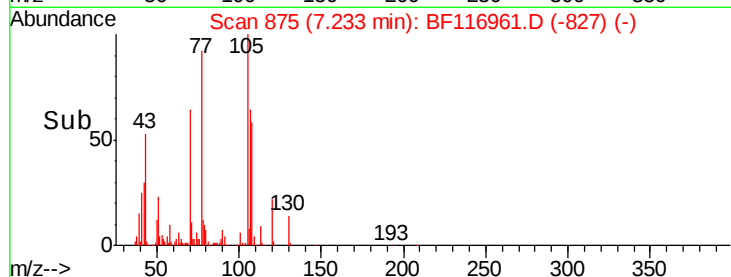
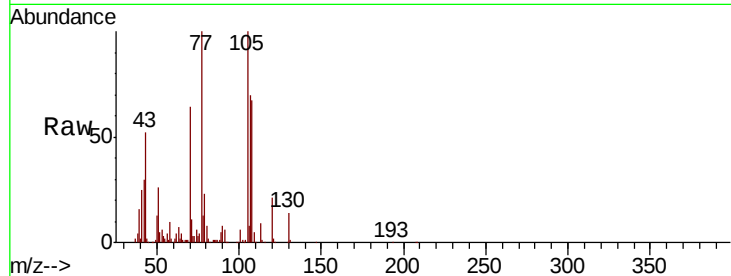
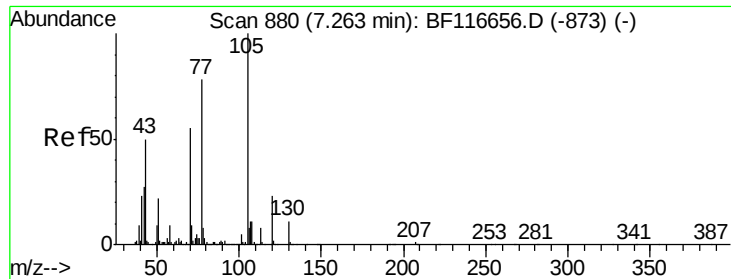
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





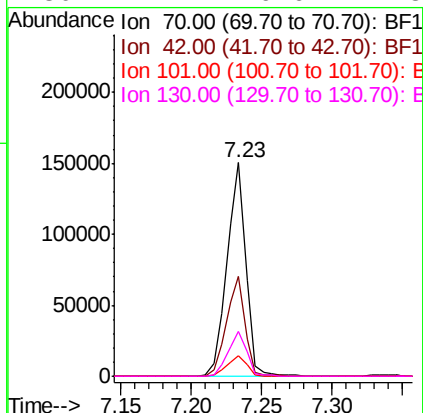
#19
n-Nitroso-di-n-propylamine
Concen: 41.718 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	43.5	65.3
101	9.5	7.8	11.6
130	21.2	16.6	24.8

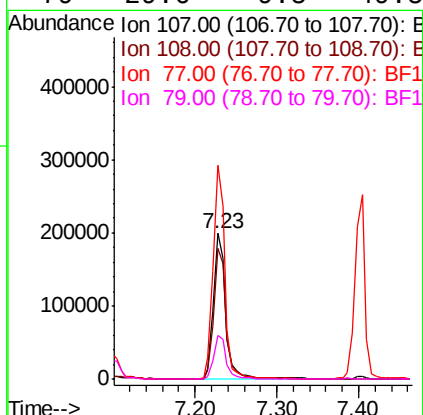
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#20
3+4-Methylphenols
Concen: 47.591 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	65.5	105.5
77	147.0	69.4	109.4#
79	29.6	9.5	49.5





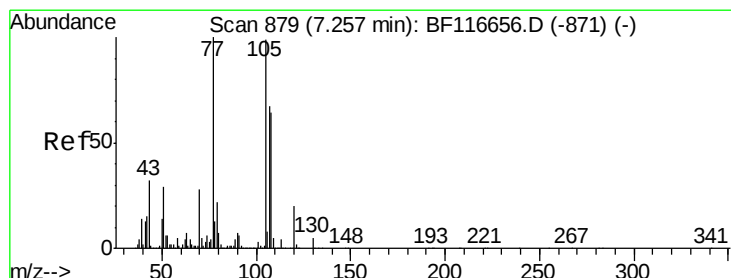
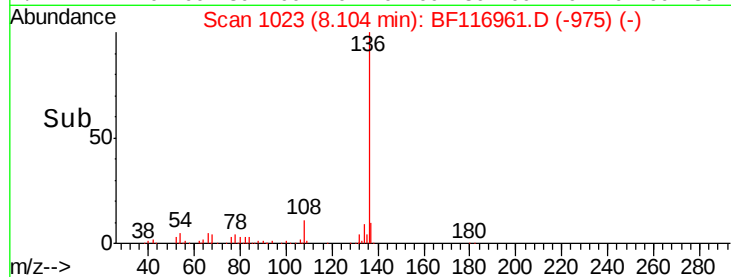
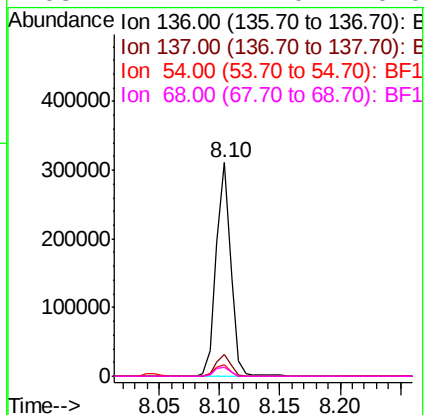
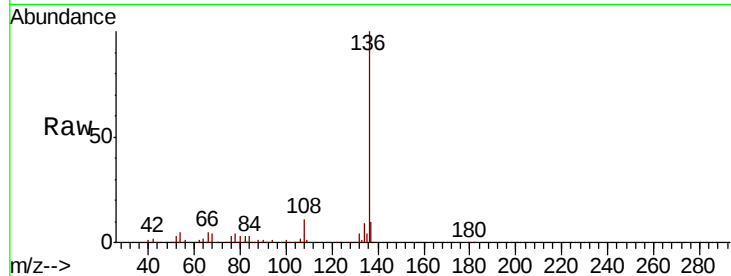
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		255617		
137	10.5	8.9	13.3		
54	5.3	4.8	7.2		
68	4.4	4.0	6.0		

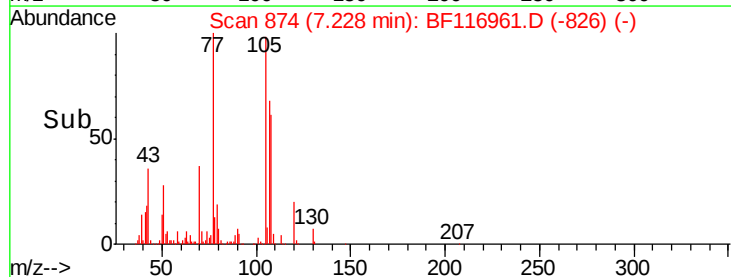
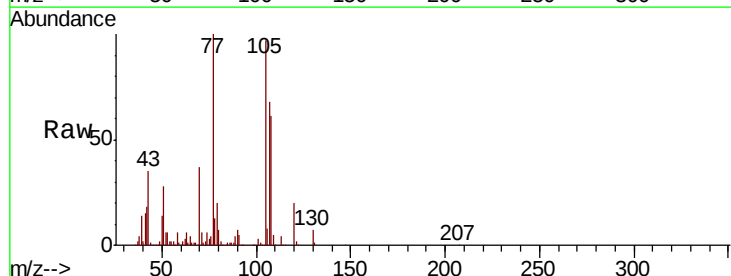
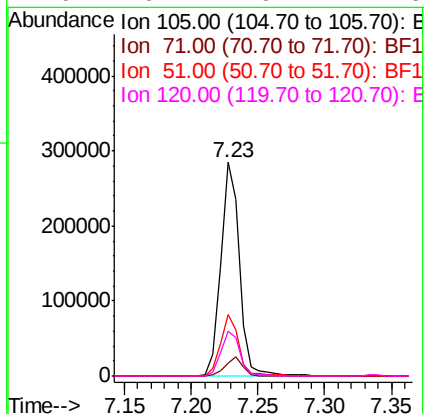
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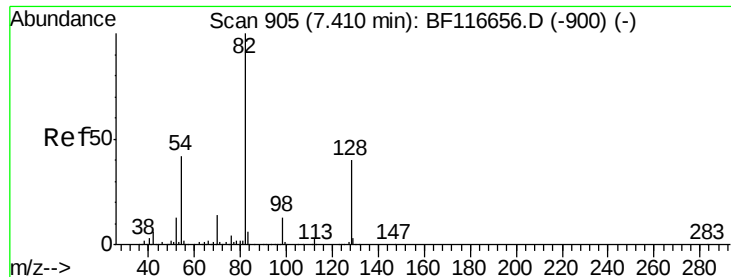
mohammad
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#22
Acetophenone
Concen: 45.699 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		281234		
71	6.0	4.2	6.4		
51	28.7	25.8	38.8		
120	20.7	16.4	24.6		





#23

Nitrobenzene-d5

Concen: 70.985 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

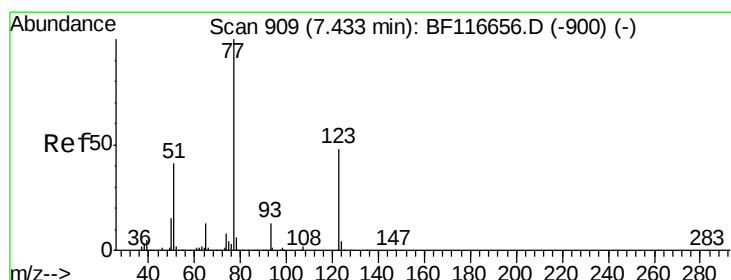
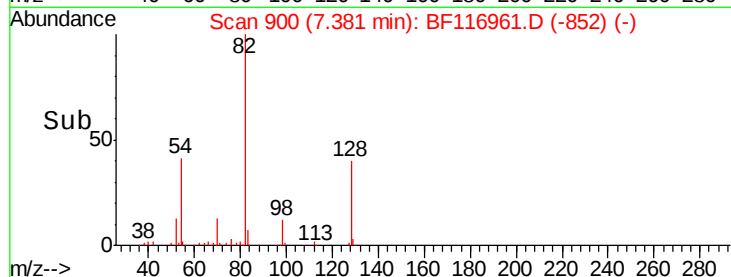
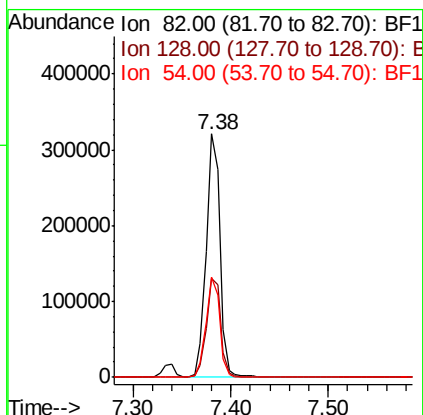
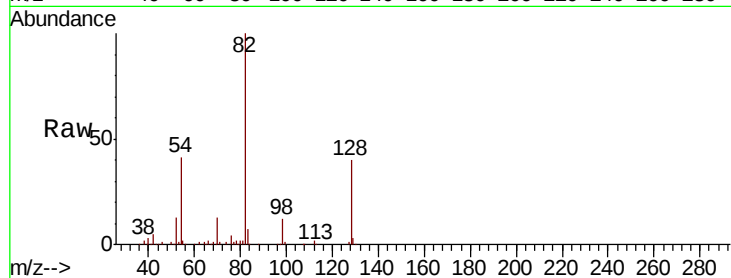
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	82	Resp:	317846
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.8	49.2
54	41.3	36.9	55.3

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#24

Nitrobenzene

Concen: 47.512 ng

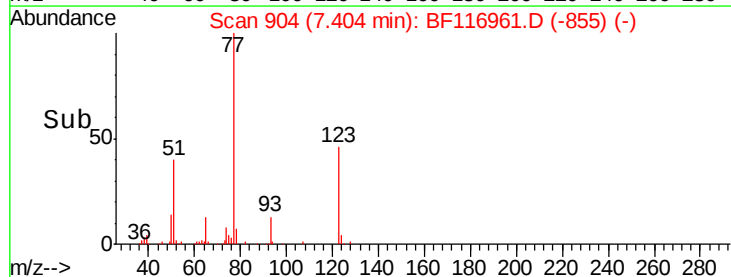
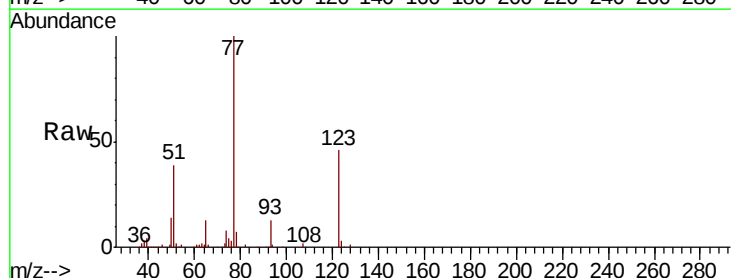
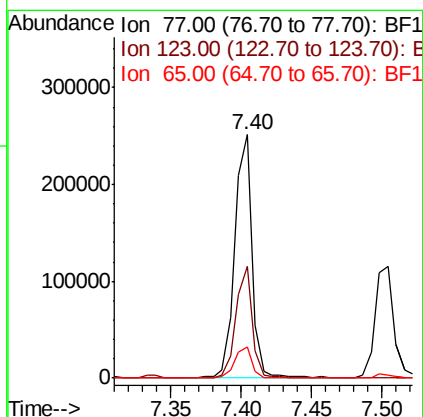
RT: 7.40 min Scan# 904

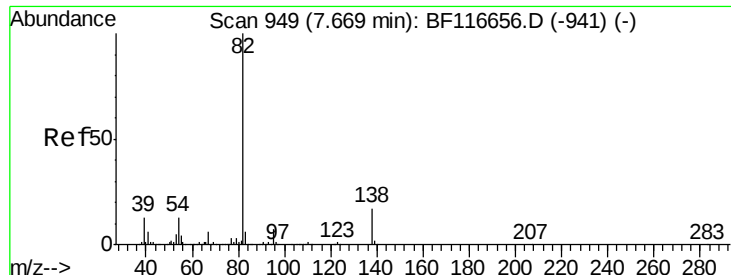
Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	77	Resp:	216370
Ion Ratio	Lower	Upper	
77	100		
123	46.0	33.1	49.7
65	12.7	10.6	15.8





#25

Isophorone

Concen: 42.756 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

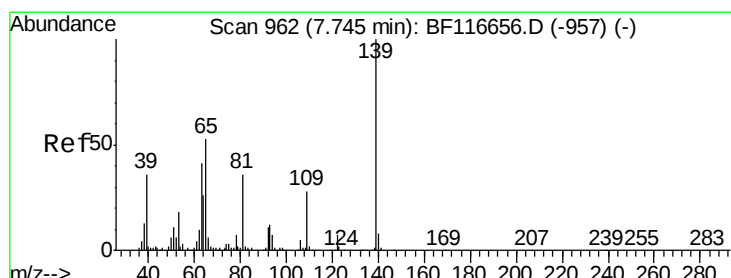
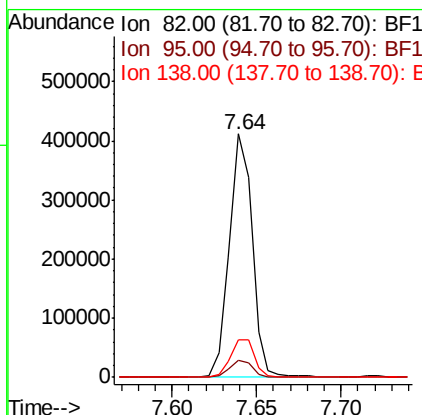
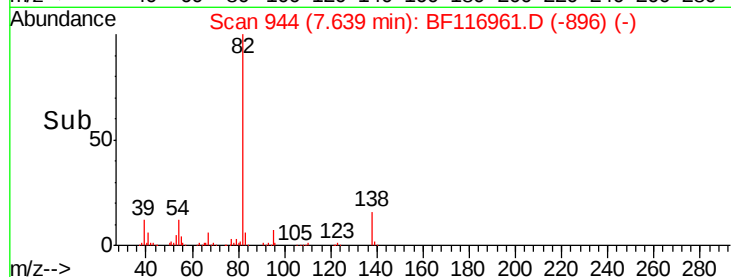
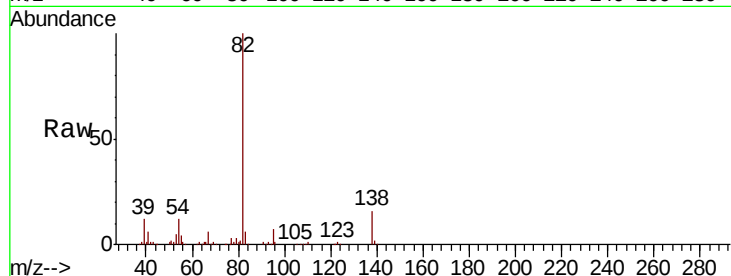
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	82	Resp:	387937
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.8	8.6
138	15.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 57.517 ng

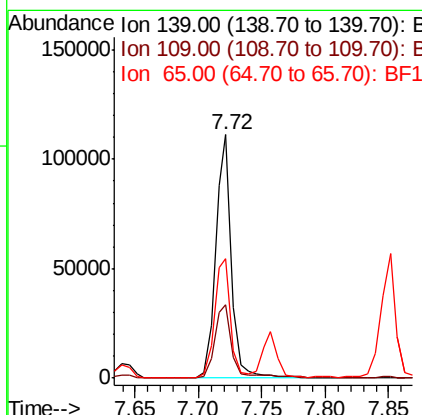
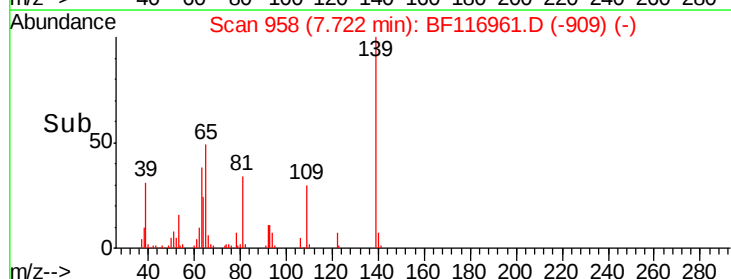
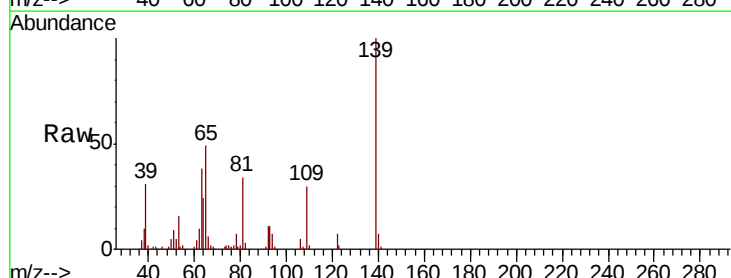
RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	139	Resp:	97381
Ion Ratio		Lower	Upper
139	100		
109	30.4	27.1	40.7
65	49.0	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 49.110 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

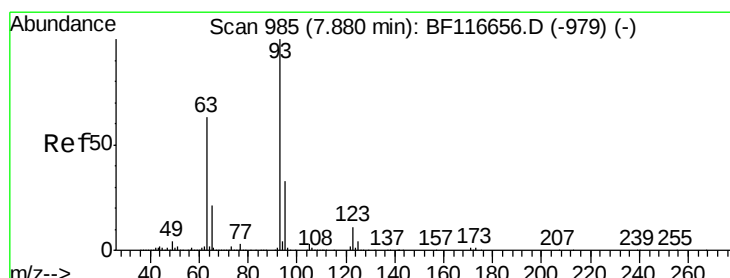
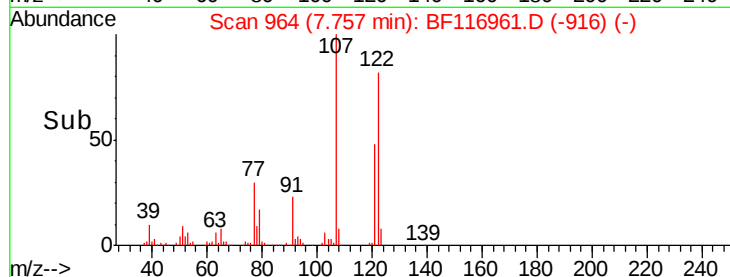
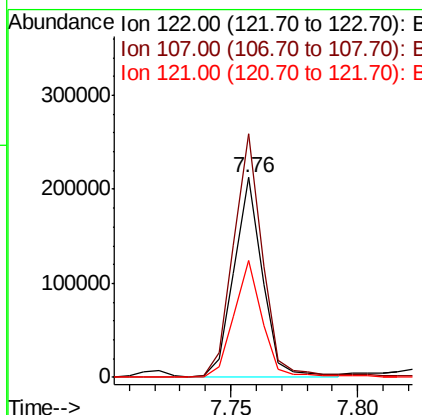
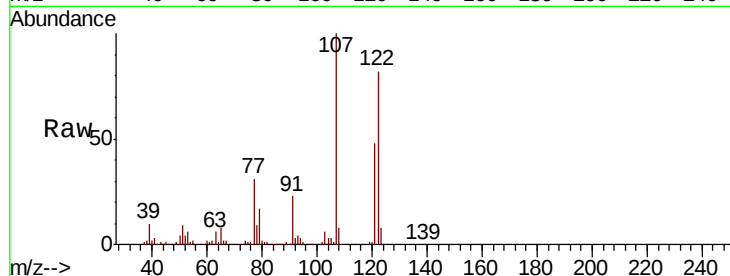
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	122	Resp:	167924
Ion Ratio	Lower	Upper	
122	100		
107	122.0	98.1	147.1
121	58.3	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.931 ng

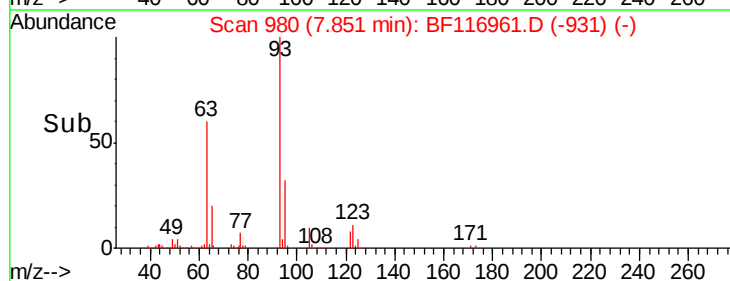
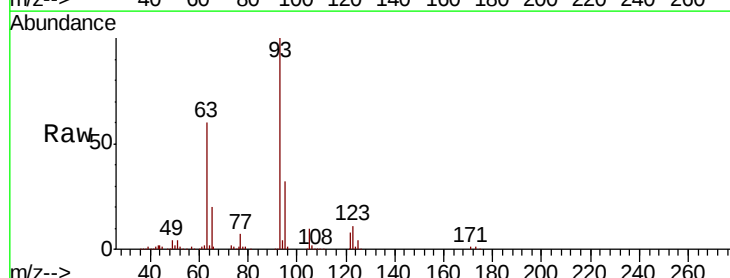
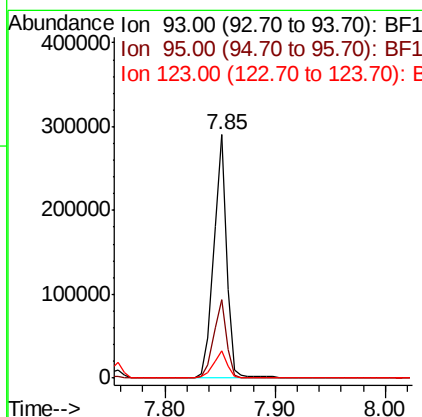
RT: 7.85 min Scan# 980

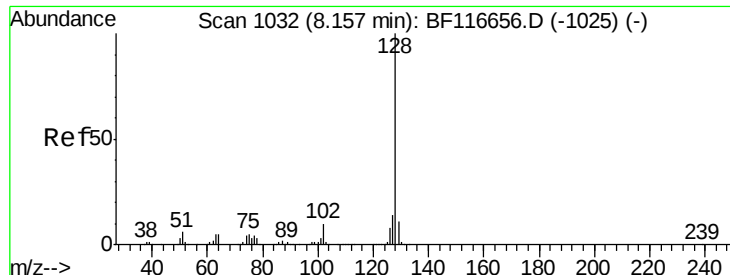
Delta R.T. -0.01 min

Lab File: BF116961.D

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Tgt Ion:	93	Resp:	232494
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	11.2	9.8	14.8





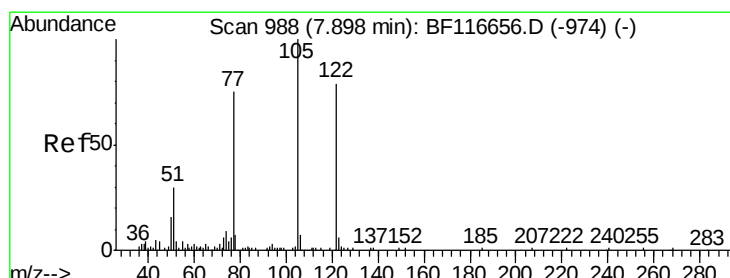
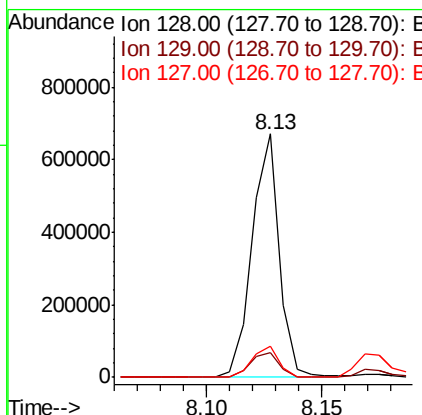
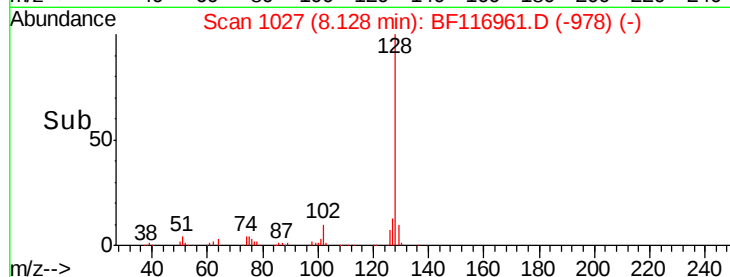
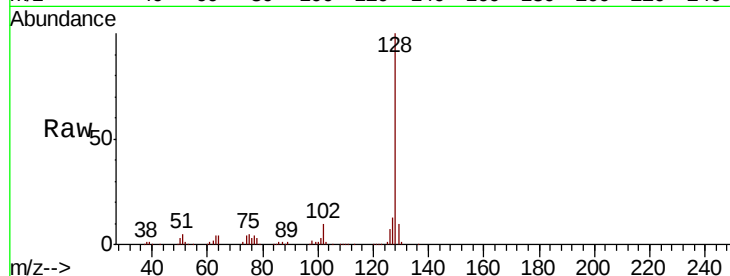
#31
Naphthalene
Concen: 45.495 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	552979		
129	10.4		8.6	13.0
127	12.9		10.4	15.6

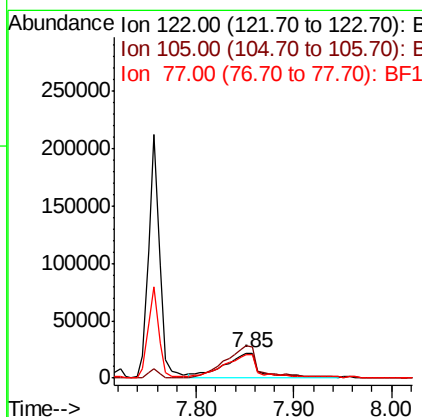
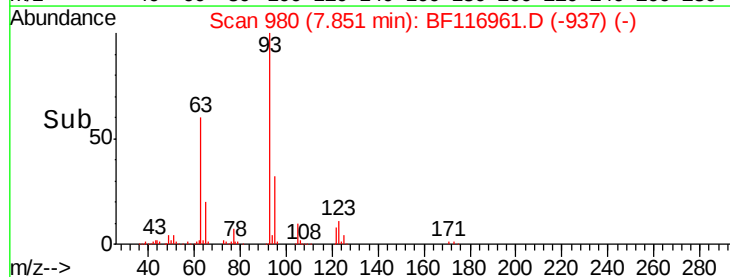
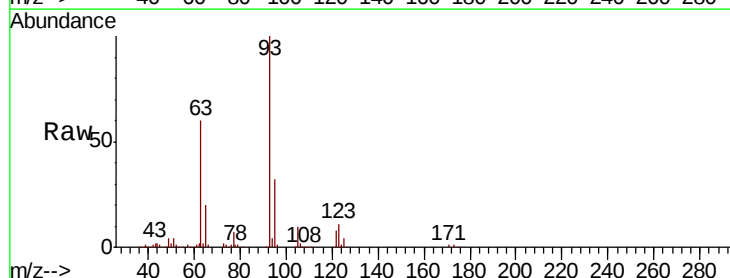
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#32
Benzoic acid
Concen: 27.964 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	53990		
105	128.6		110.0	150.0
77	94.6		81.7	121.7





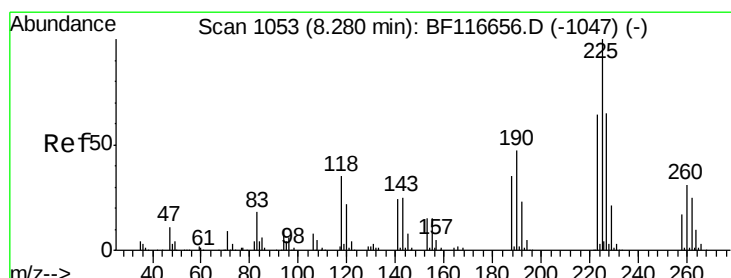
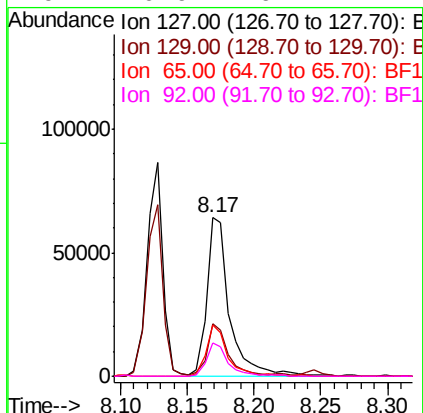
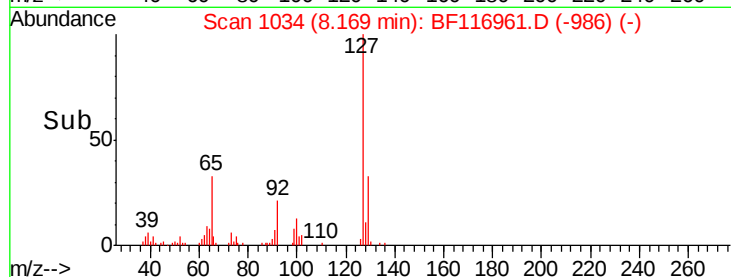
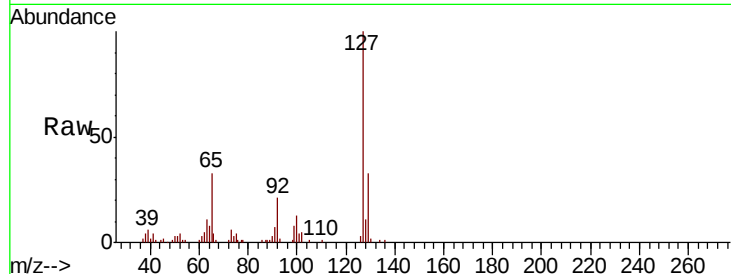
#33
4-Chloroaniline
Concen: 13.906 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	32.7	26.0	39.0
92	20.9	16.1	24.1

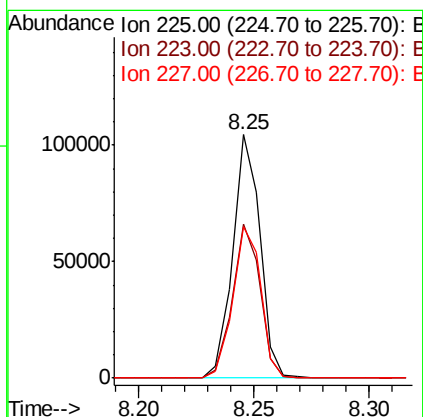
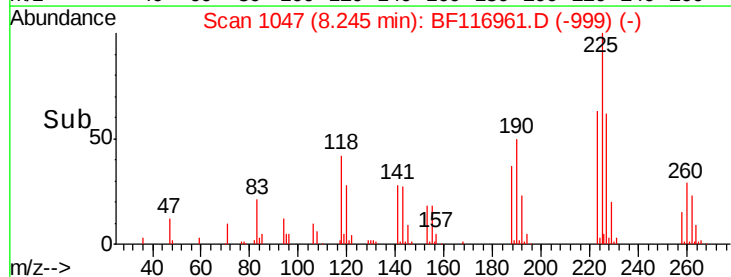
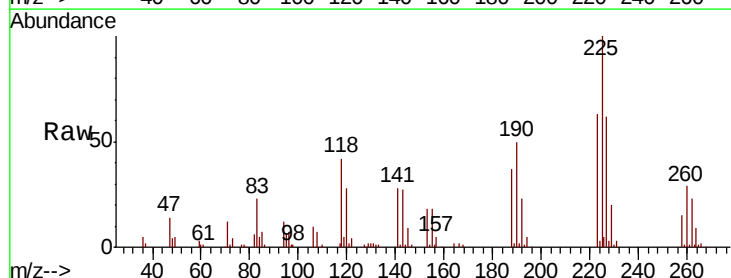
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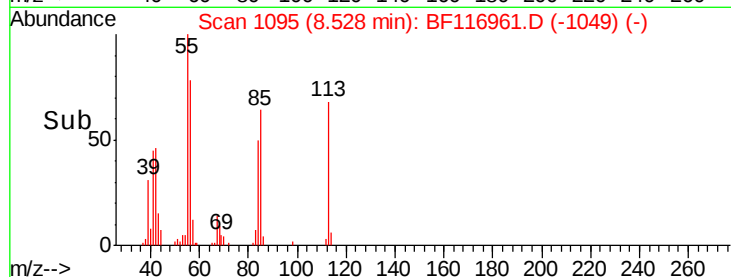
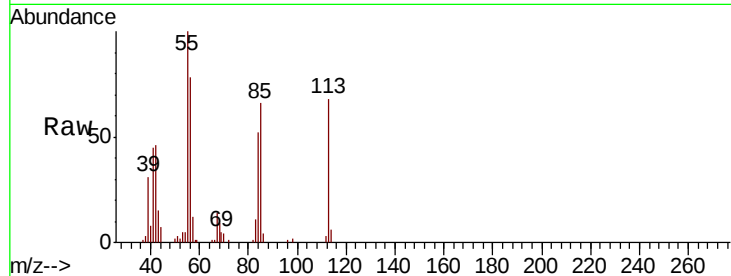
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#34
Hexachlorobutadiene
Concen: 44.287 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	62.0	51.0	76.4





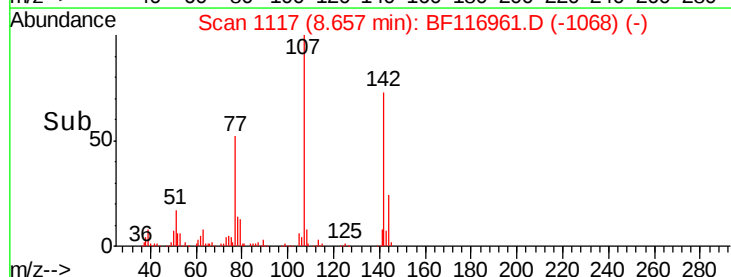
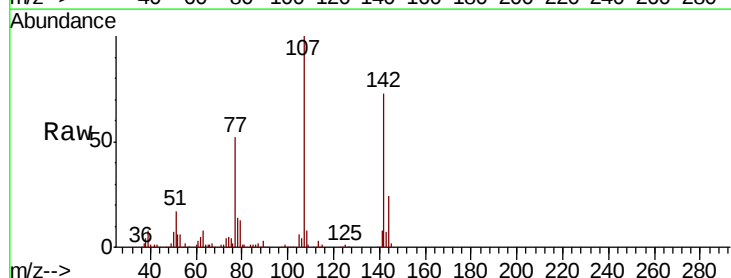
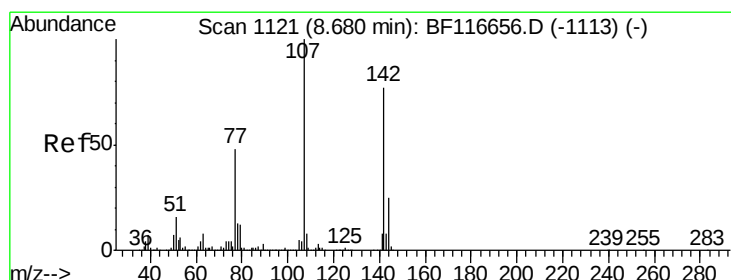
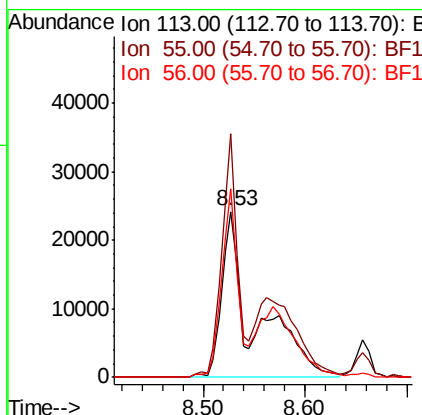
#35
Caprolactam
Concen: 43.021 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.9	124.3	164.3
56	114.1	94.6	134.6

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

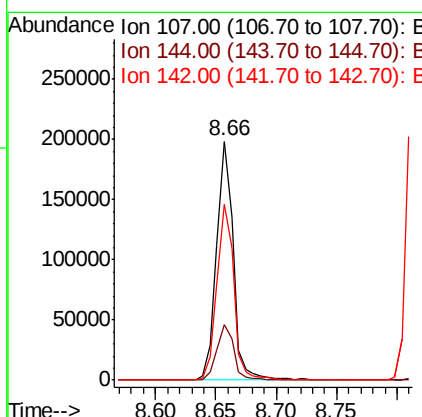
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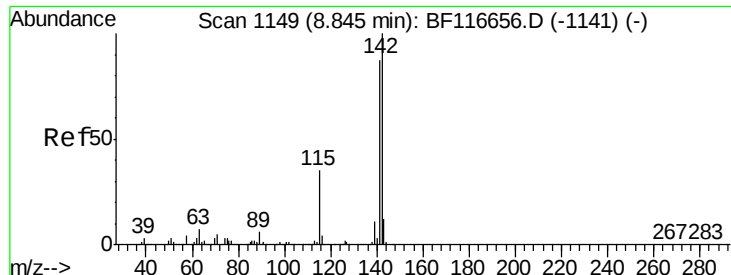
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#36
4-Chloro-3-methylphenol
Concen: 49.767 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	18.6	27.8
142	73.5	58.5	87.7





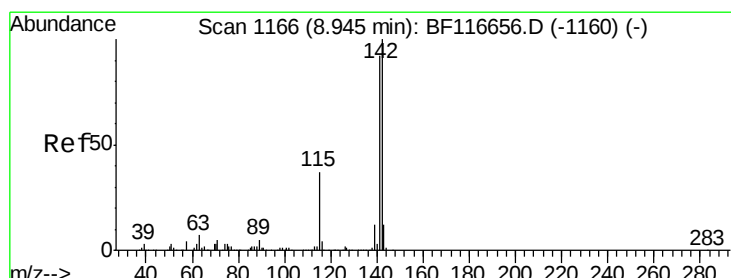
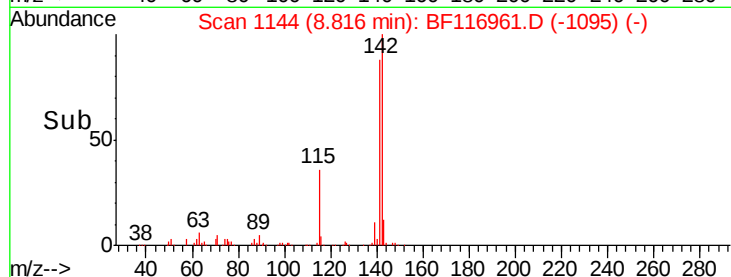
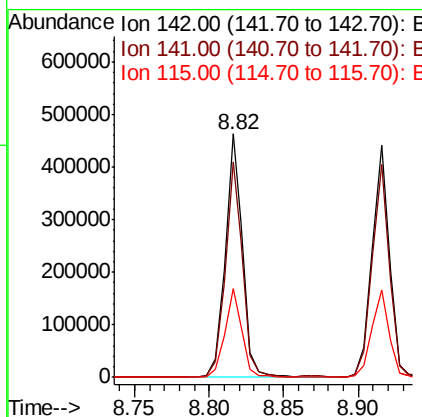
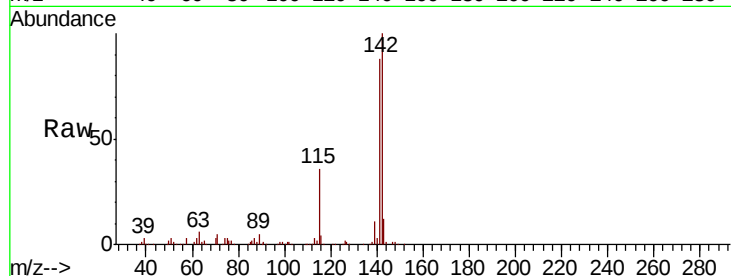
#37
2-Methylnaphthalene
Concen: 46.868 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	109.0
115	36.2	29.8	44.6

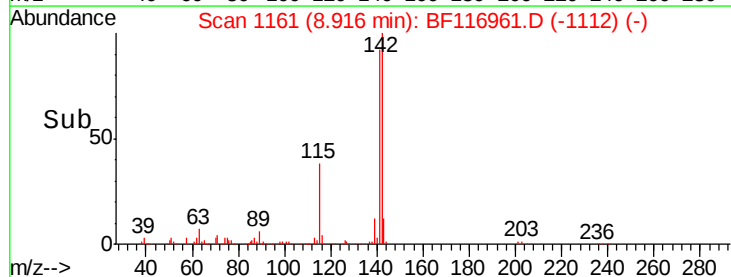
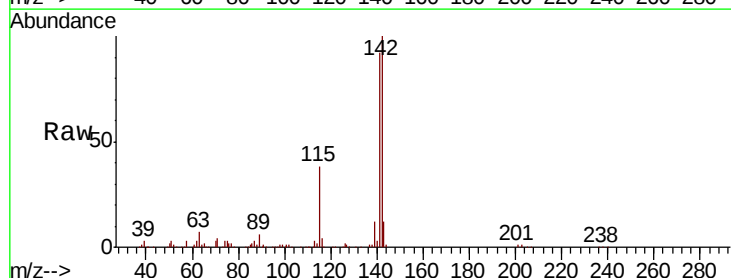
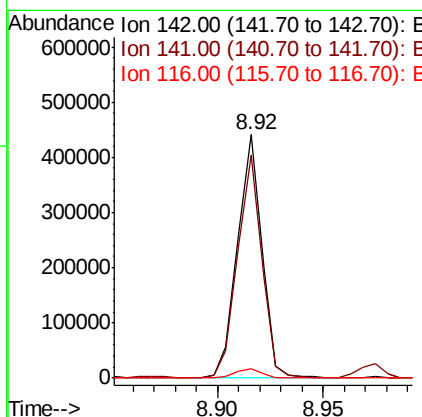
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#38
1-Methylnaphthalene
Concen: 45.698 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9
116	3.8	3.0	4.6





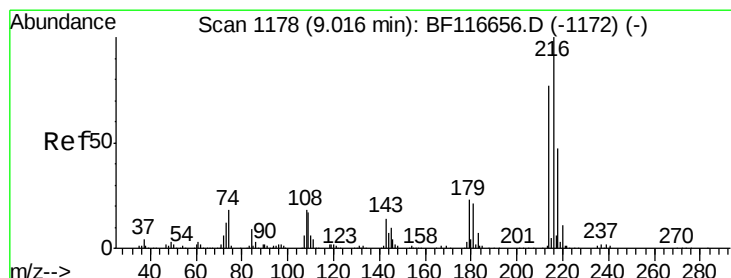
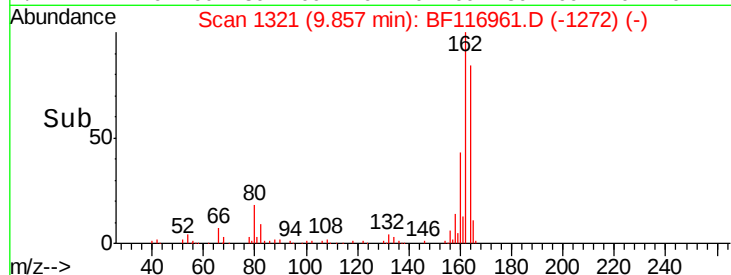
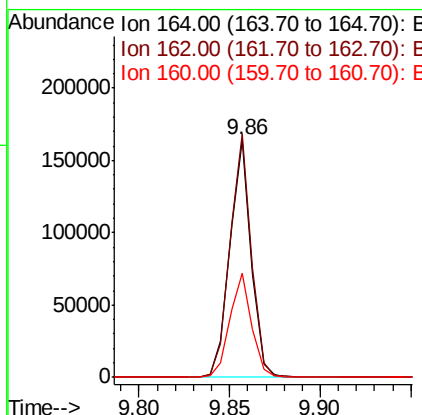
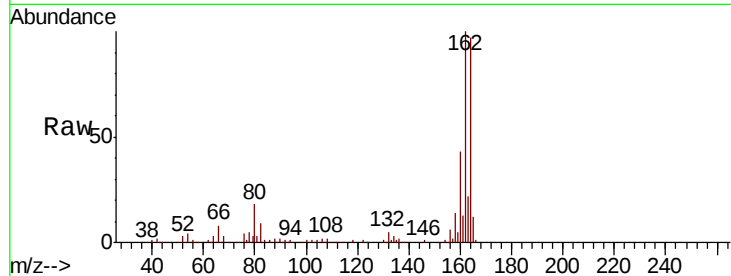
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	164	Resp:	134540
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.4	122.0
160	44.0	35.4	53.2

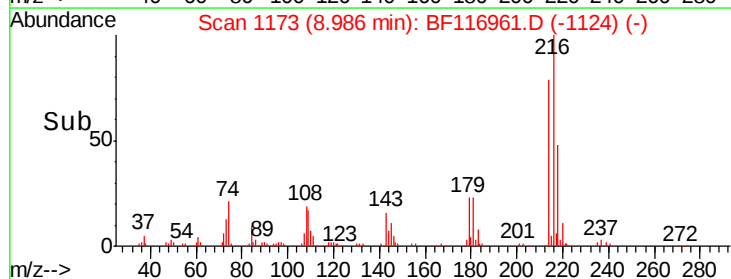
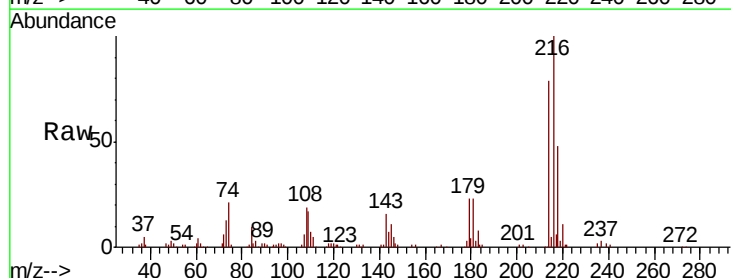
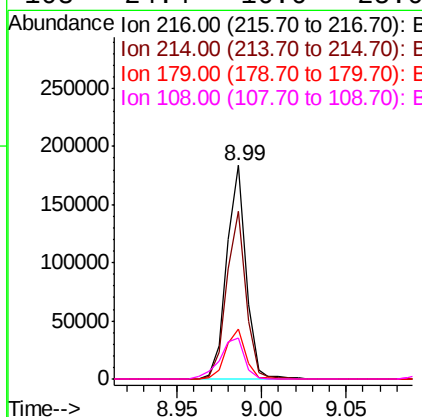
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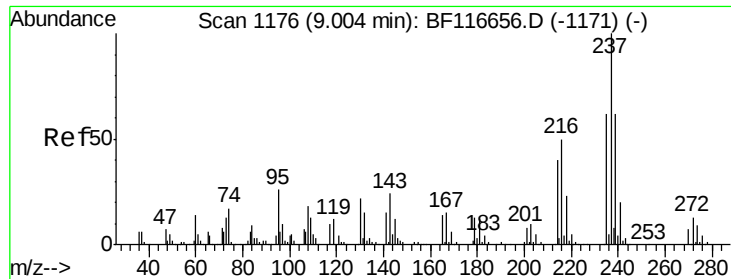
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.368 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:	216	Resp:	146319
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.7	94.1
179	23.5	19.3	28.9
108	24.4	16.6	25.0





#41

Hexachlorocyclopentadiene

Concen: 77.245 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

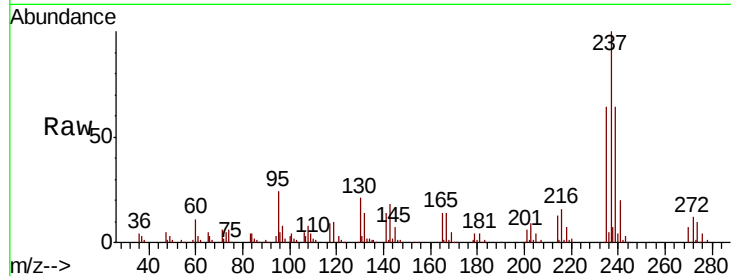
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

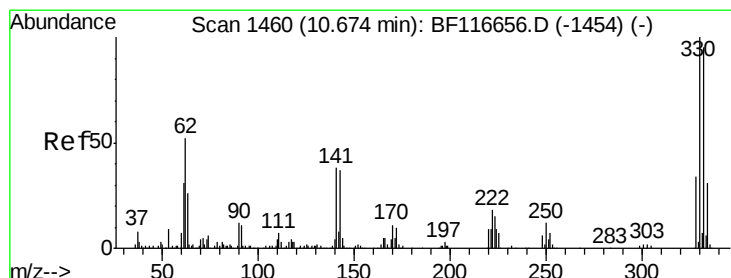
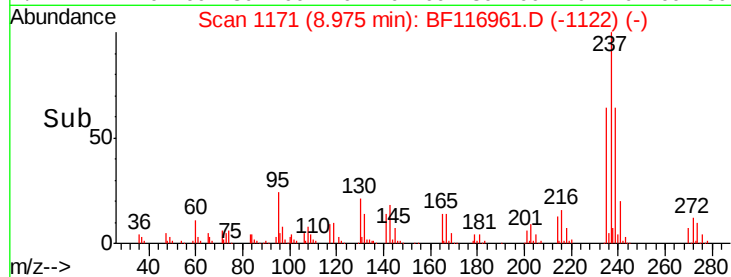
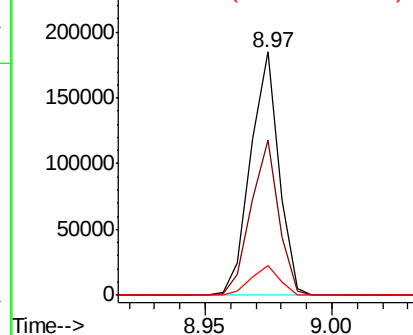
Tot Ion:	237	Resp:	143863
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.4	81.4
272	12.4	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 128.626 ng

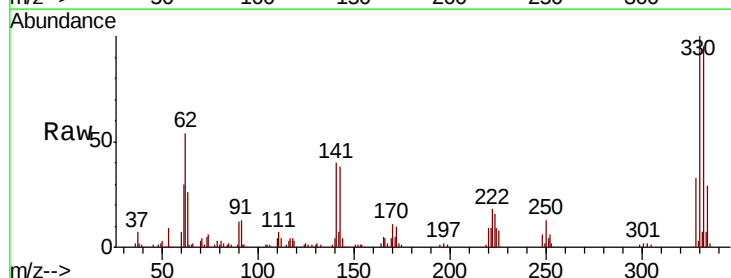
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

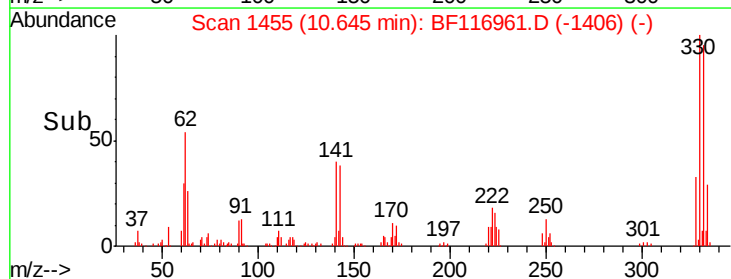
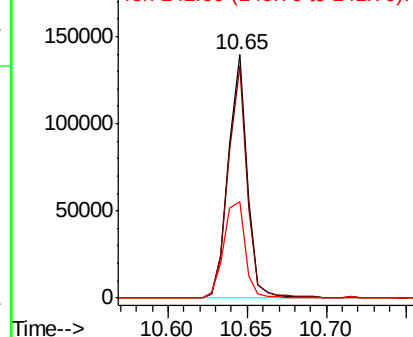
Lab File: BF116961.D

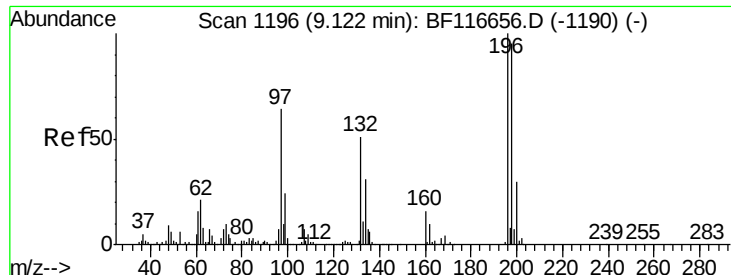
Acq: 11 Sep 2019 22:01

Tgt Ion:	330	Resp:	115690
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.9	115.3
141	45.7	31.4	47.2



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





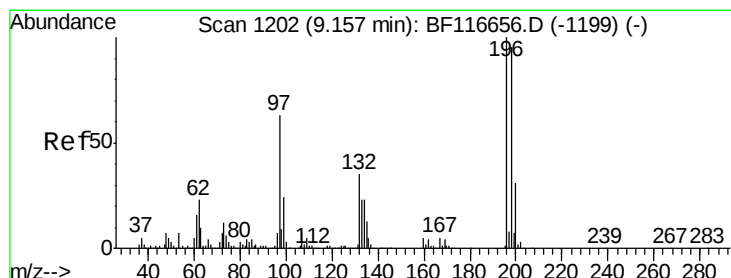
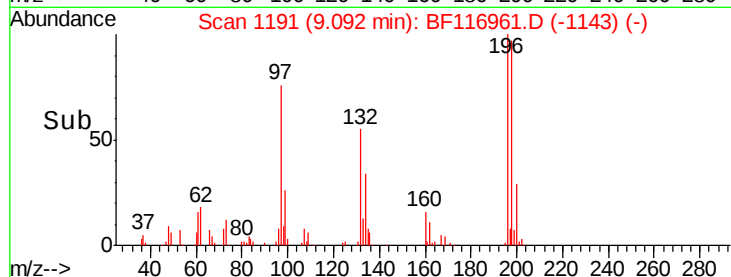
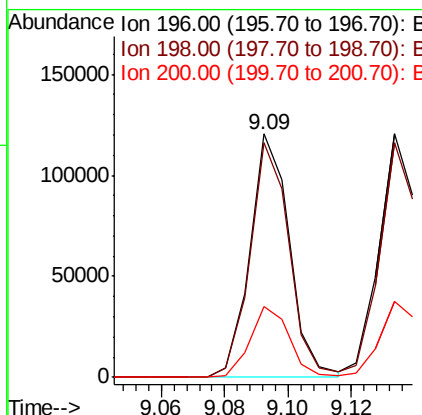
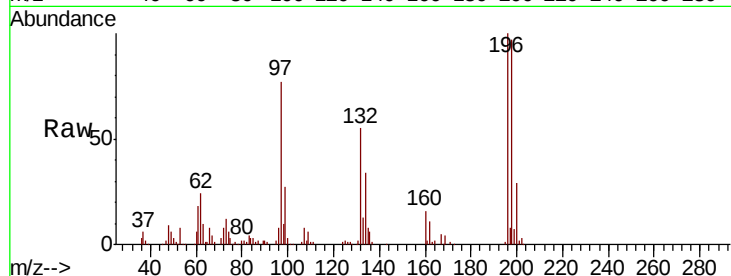
#43
 2,4,6-Trichlorophenol
 Concen: 47.058 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		104038		
198	96.6	79.1	118.7		
200	29.3	24.0	36.0		

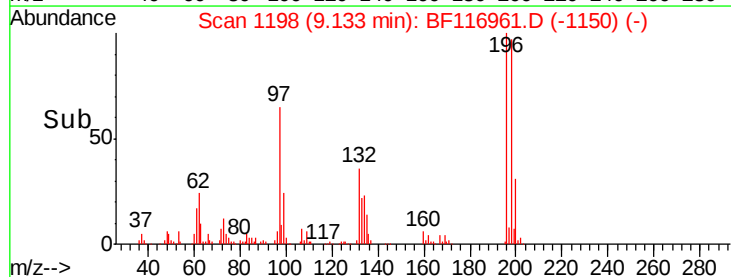
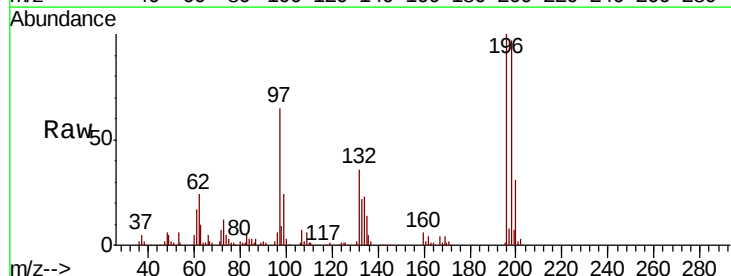
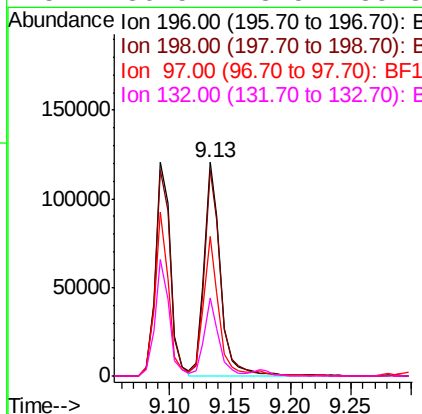
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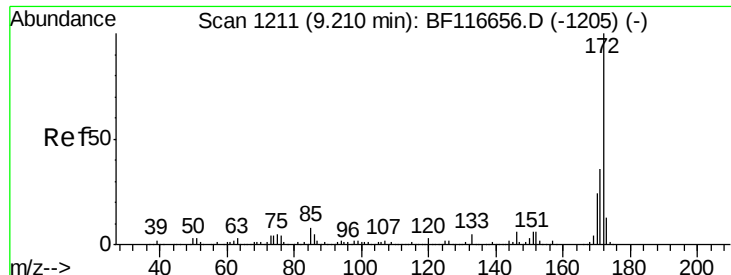
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#44
 2,4,5-Trichlorophenol
 Concen: 49.772 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		114239		
198	96.7	78.1	117.1		
97	65.3	41.6	62.4#		
132	36.5	23.5	35.3#		





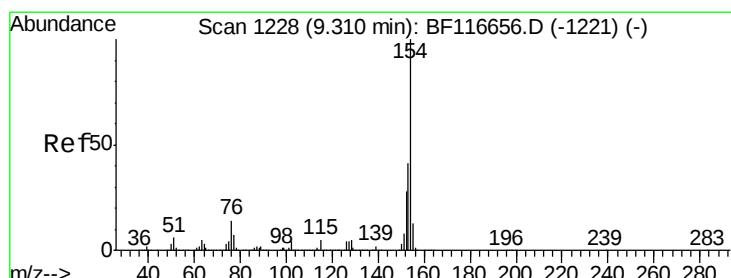
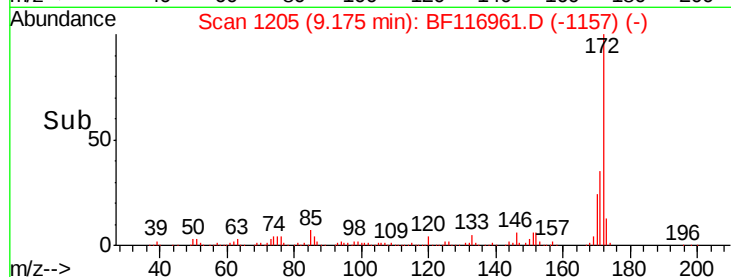
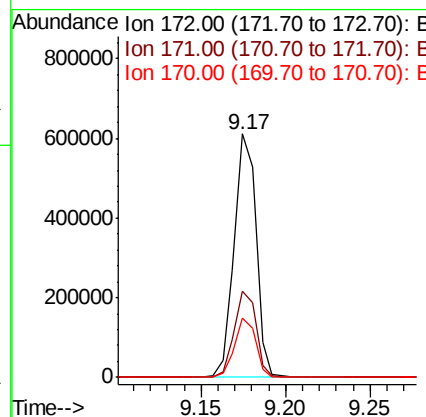
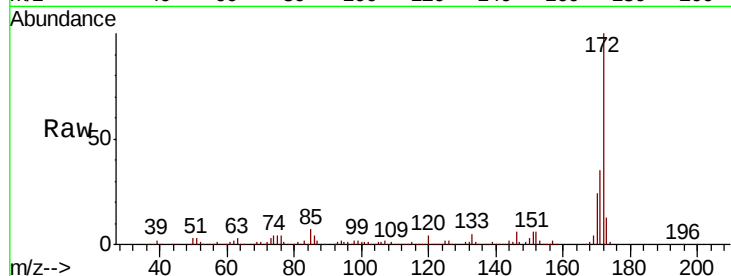
#45
2-Fluorobiphenyl
Concen: 68.966 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	550046		
171	35.4		27.8	41.6
170	24.2		18.9	28.3

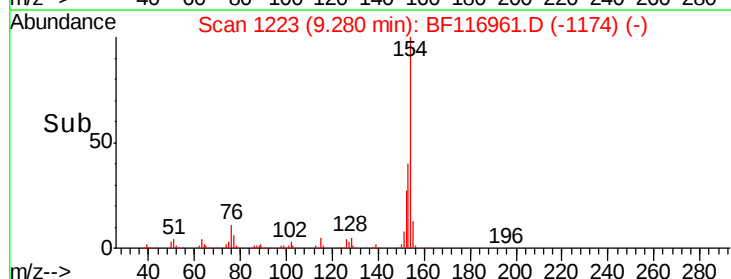
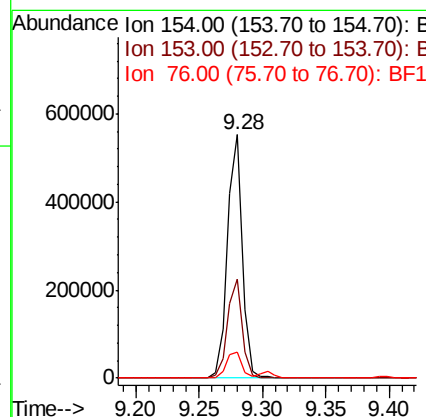
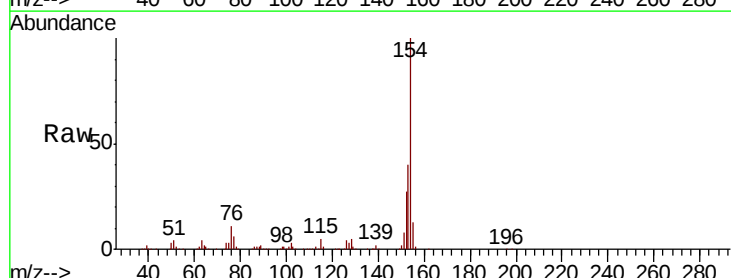
Manual Integrations
APPROVED

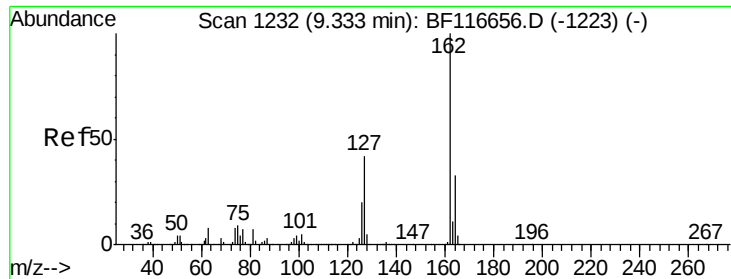
mohammad
9/16/2019 8:58:00 AM



#46
1,1'-Biphenyl
Concen: 44.453 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	453820		
153	40.5		21.2	61.2
76	10.7		0.0	30.9





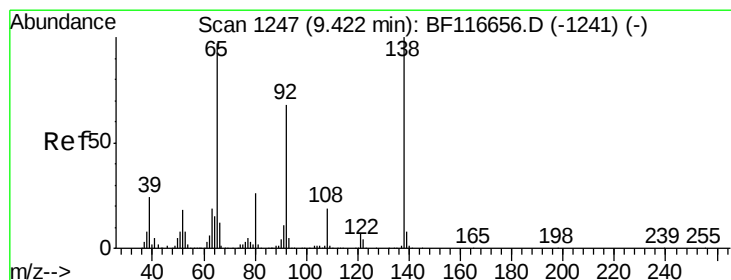
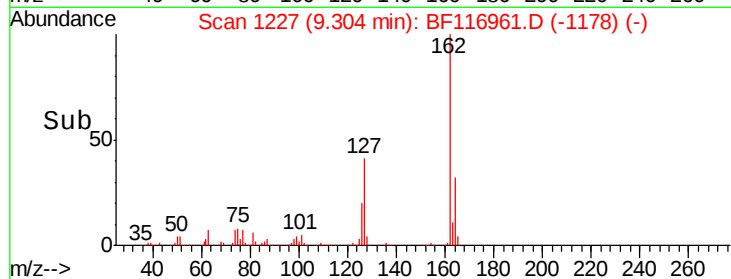
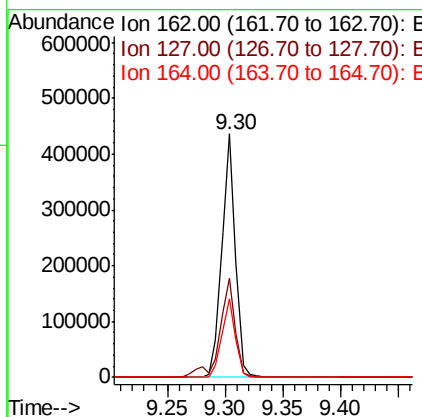
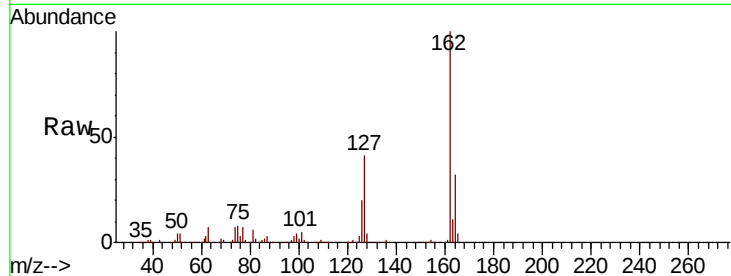
#47
2-Chloronaphthalene
Concen: 44.173 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	357180		
127	40.9	33.4	50.2	
164	32.4	26.6	39.8	

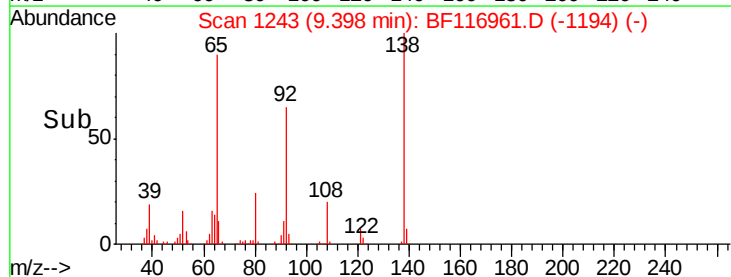
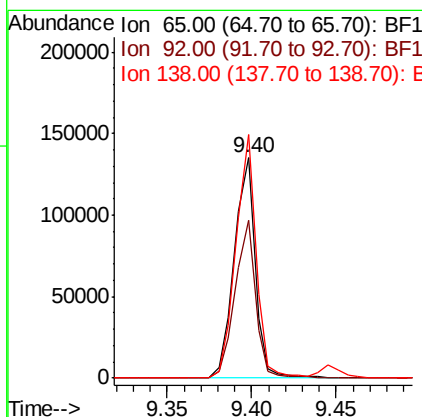
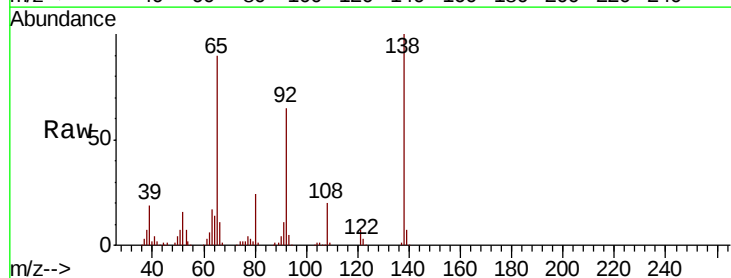
Manual Integrations
APPROVED

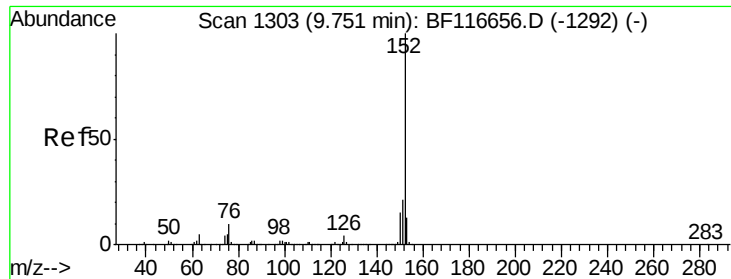
mohammad
9/16/2019 8:58:00 AM



#48
2-Nitroaniline
Concen: 50.184 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	117313		
92	71.5	57.1	85.7	
138	110.6	88.2	132.2	





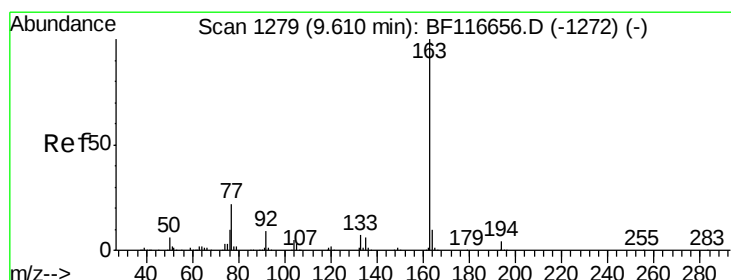
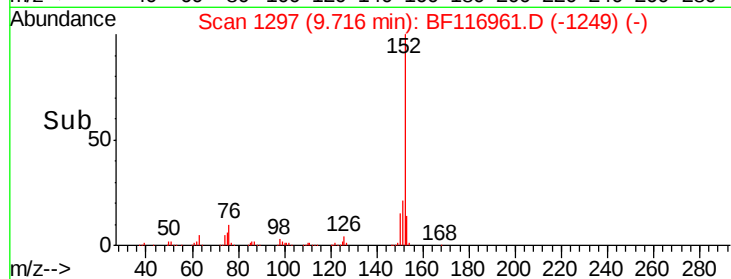
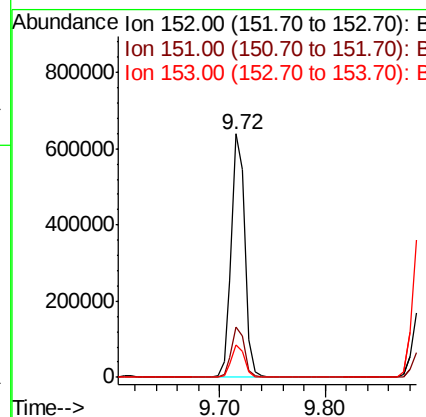
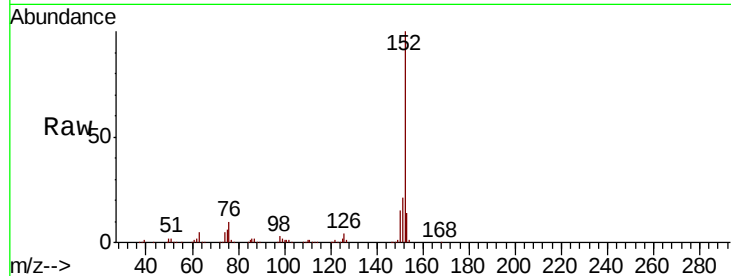
#49
Acenaphthylene
Concen: 46.477 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		568082		
151	20.8	15.9	23.9		
153	13.6	10.9	16.3		

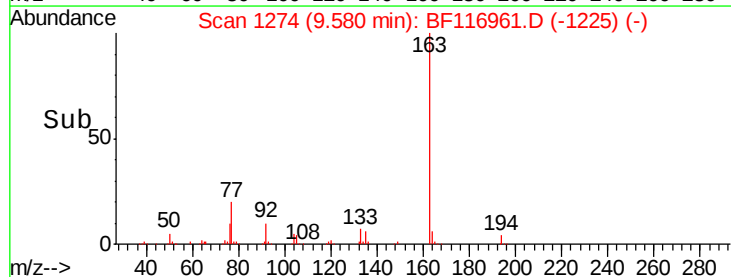
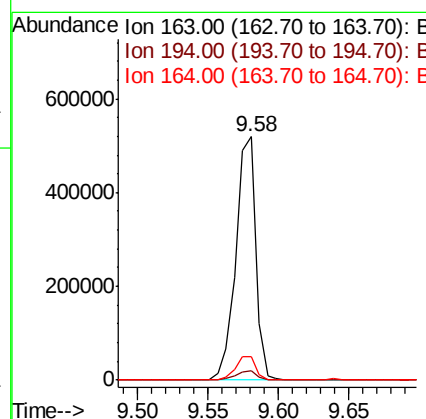
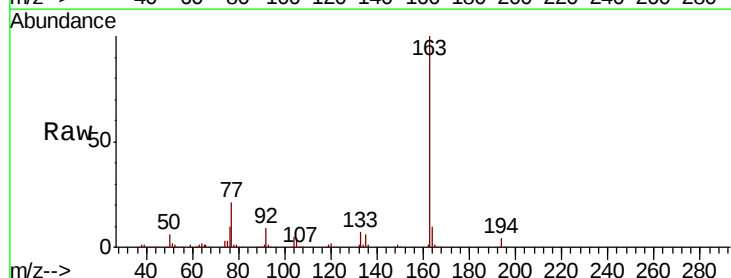
Manual Integrations
APPROVED

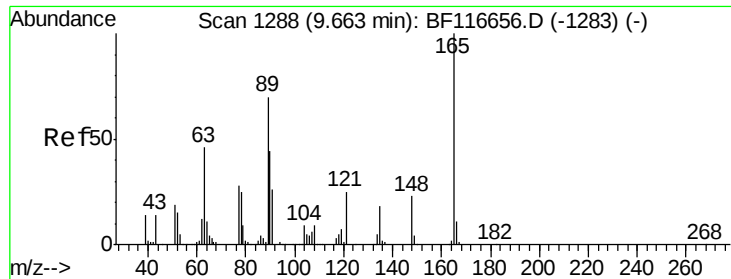
mohammad
9/16/2019 8:58:00 AM



#50
Dimethylphthalate
Concen: 55.248 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		513179		
194	3.7	2.8	4.2		
164	9.8	8.6	12.8		





#51

2,6-Dinitrotoluene

Concen: 52.927 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

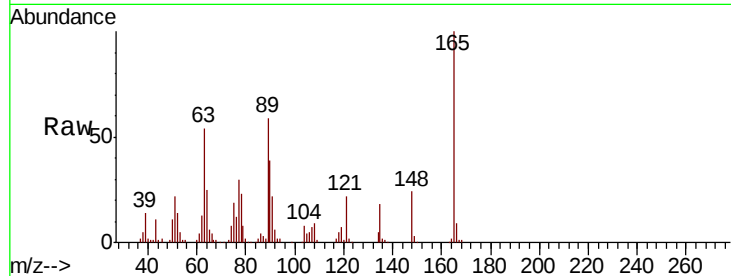
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	165	Resp:	93798
Ion Ratio	Lower	Upper	
165	100		
63	53.7	47.3	70.9
89	58.7	52.5	78.7

Manual Integrations
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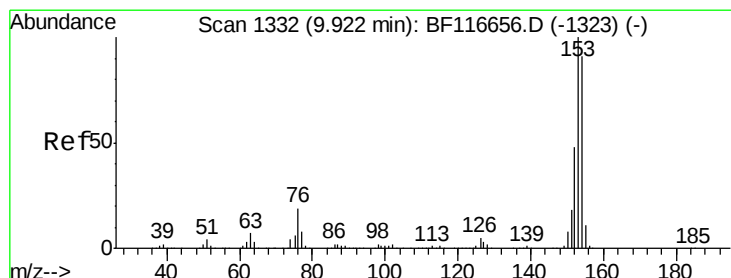
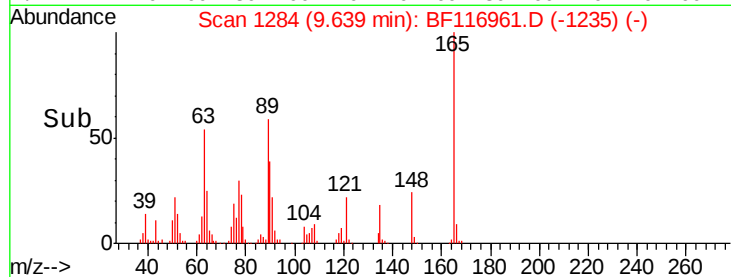
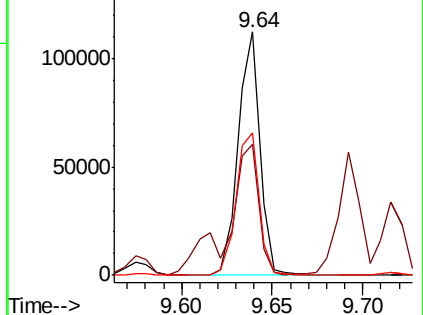
mohammad
9/16/2019 8:58:00 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.569 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF116961.D

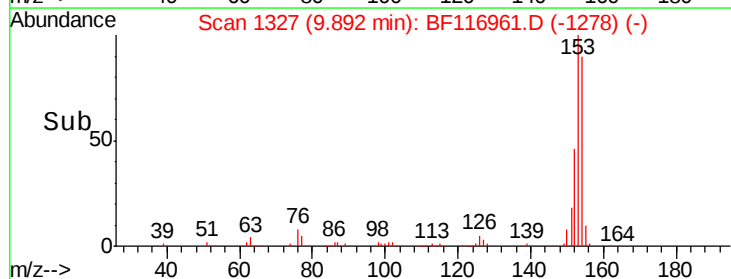
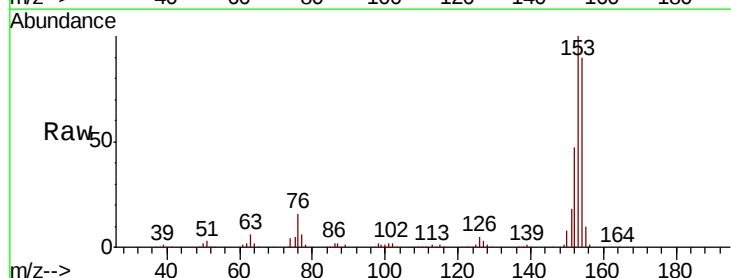
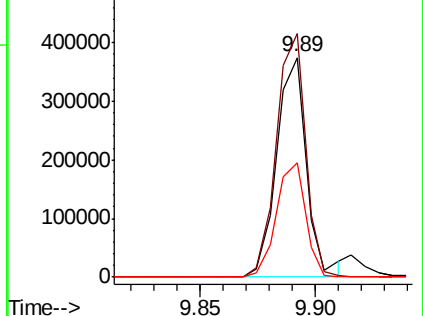
Acq: 11 Sep 2019 22:01

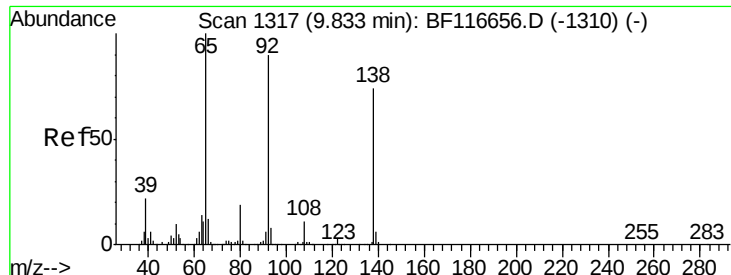
Tgt Ion:	154	Resp:	334723
Ion Ratio	Lower	Upper	
154	100		
153	111.0	89.5	134.3
152	51.9	41.9	62.9

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





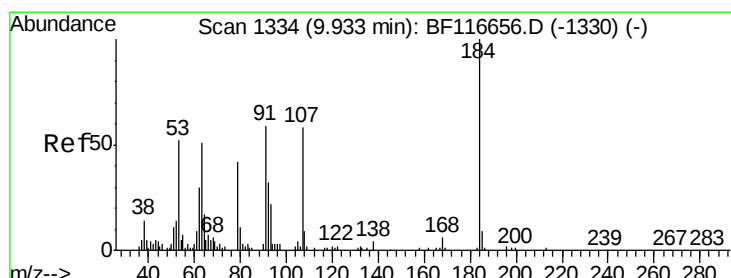
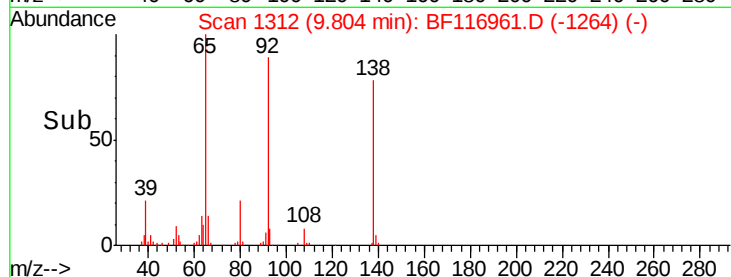
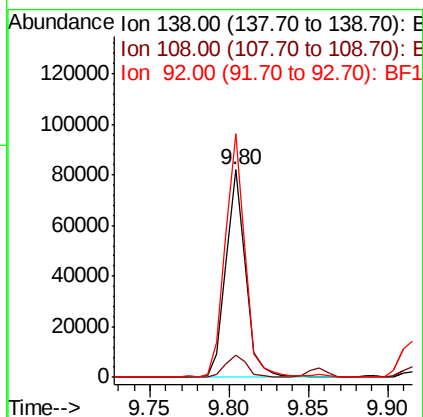
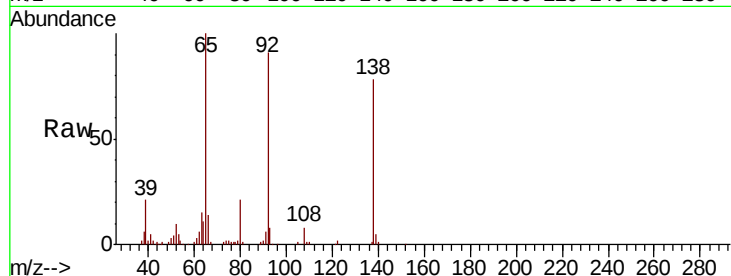
#53
3-Nitroaniline
Concen: 31.802 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	117.3	87.2	130.8

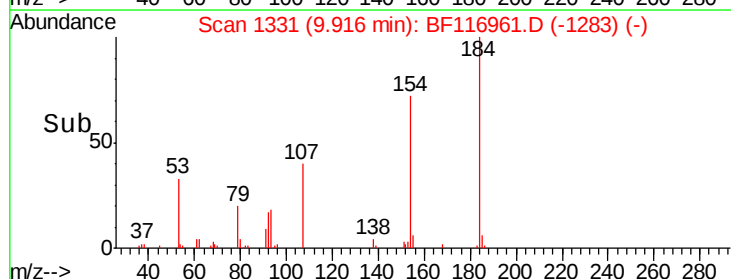
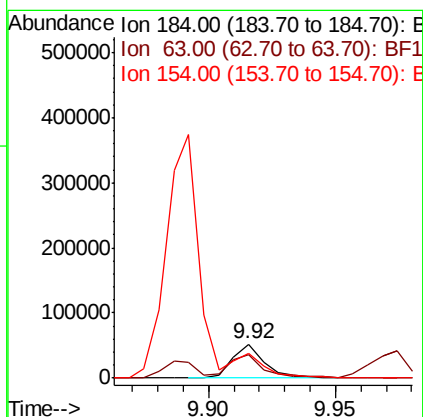
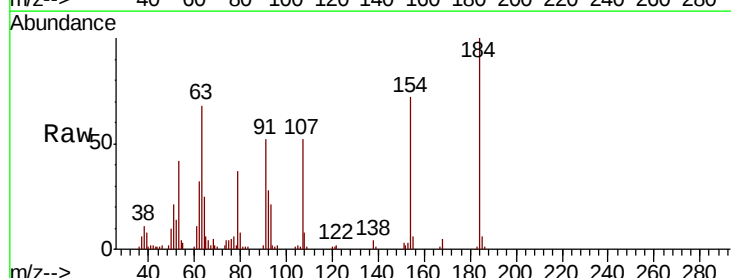
Manual Integrations
APPROVED

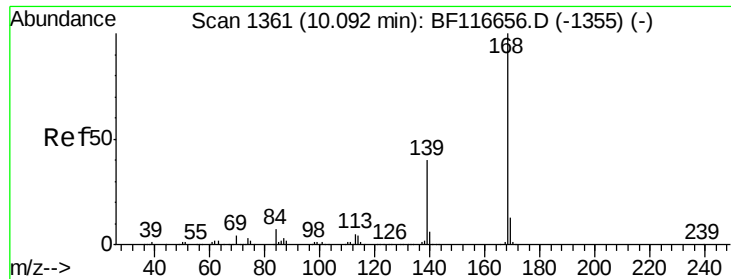
mohammad
9/16/2019 8:58:00 AM



#54
2,4-Dinitrophenol
Concen: 73.950 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	52.2	78.2
154	71.9	60.8	91.2





#55

Dibenzofuran

Concen: 47.457 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

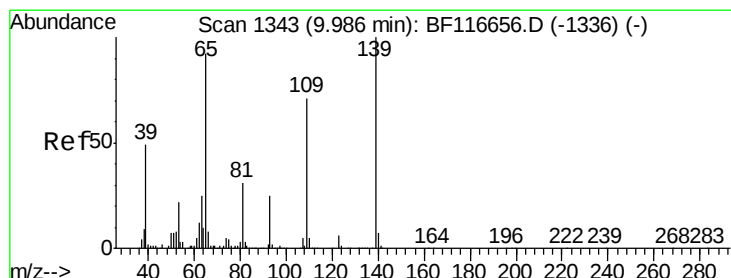
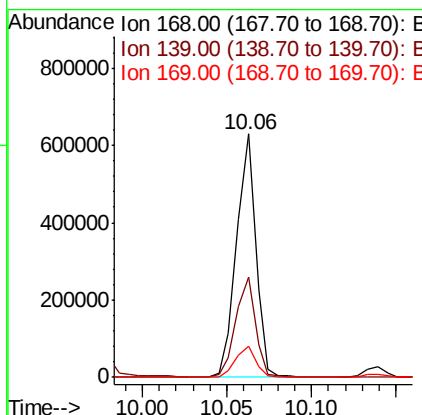
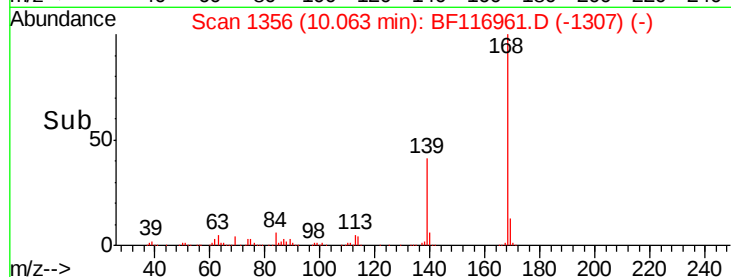
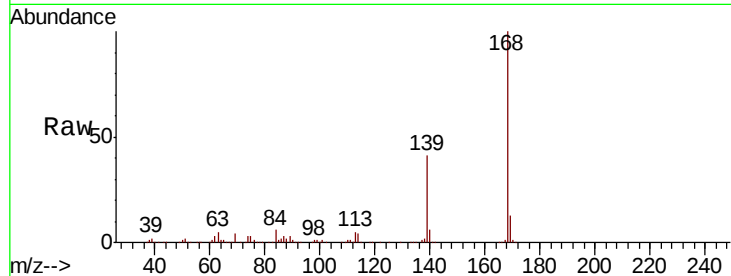
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	168	Resp:	502441
Ion Ratio	Lower	Upper	
168	100		
139	41.2	31.5	47.3
169	12.6	10.3	15.5

Manual Integrations
APPROVED

mohammad
9/16/2019 8:58:00 AM



#56

4-Nitrophenol

Concen: 103.205 ng

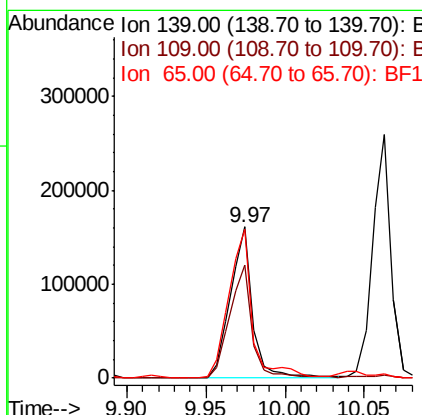
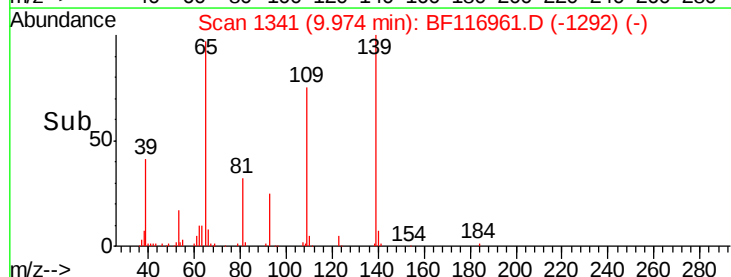
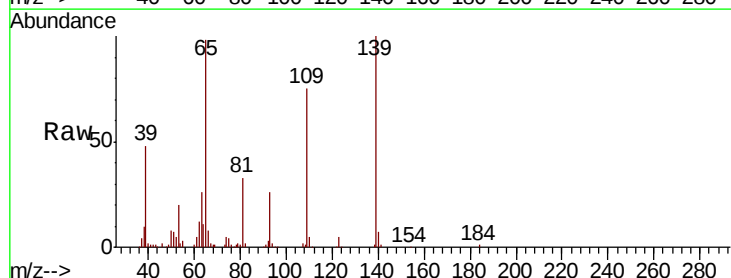
RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	139	Resp:	157164
Ion Ratio	Lower	Upper	
139	100		
109	74.8	61.7	101.7
65	98.2	89.1	129.1





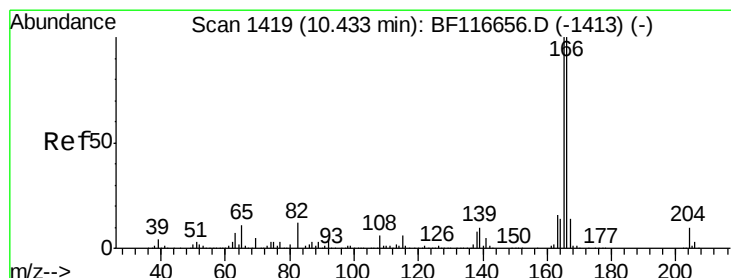
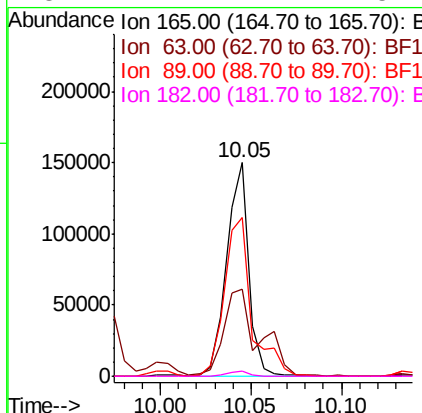
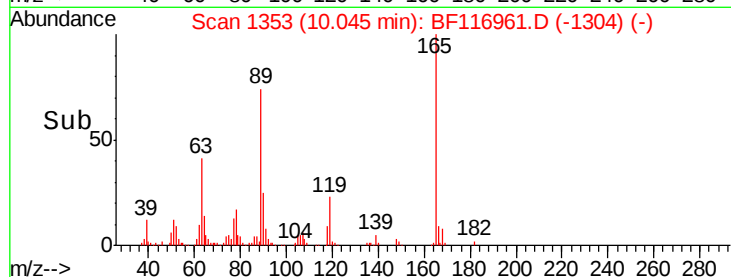
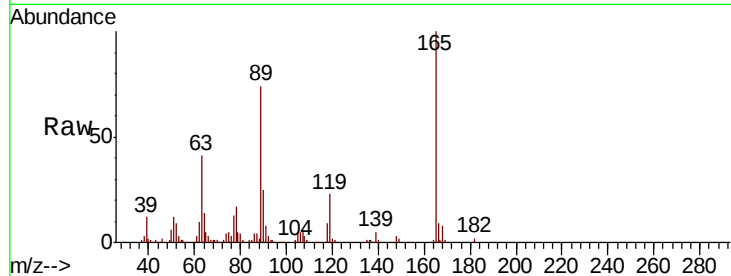
#57
2,4-Dinitrotoluene
Concen: 58.824 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127470		
63	40.8	36.4	54.6		
89	74.3	62.6	94.0		
182	2.4	2.1	3.1		

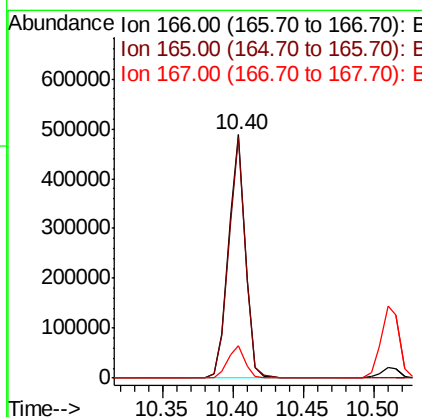
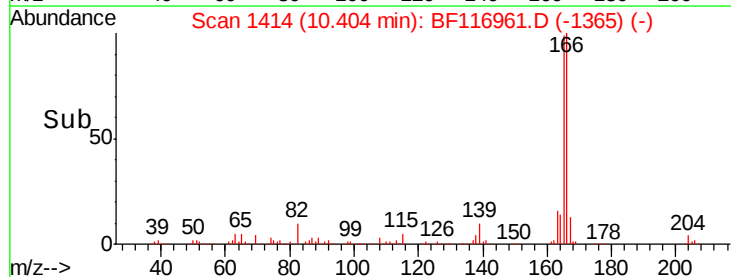
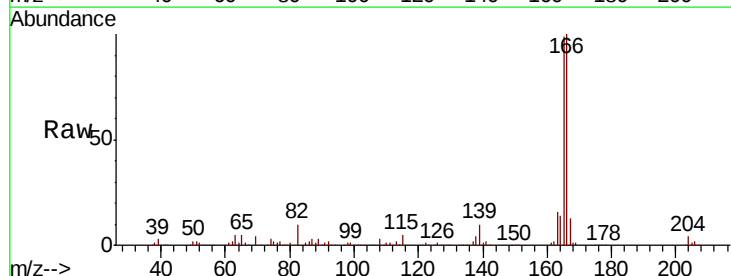
Manual Integrations
APPROVED

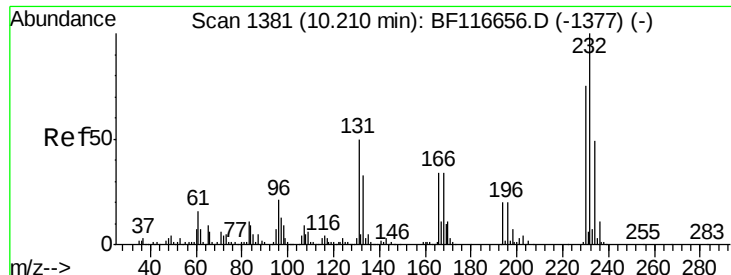
mohammad
9/16/2019 8:58:00 AM



#58
Fluorene
Concen: 49.962 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		403046		
165	99.0	78.8	118.2		
167	13.5	10.0	15.0		





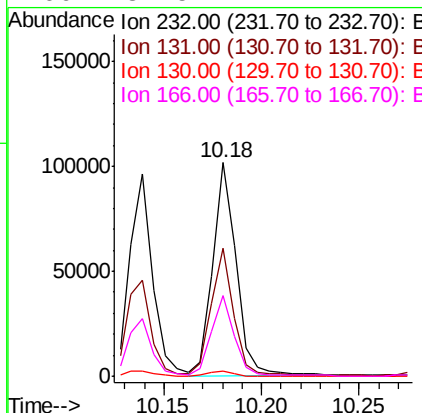
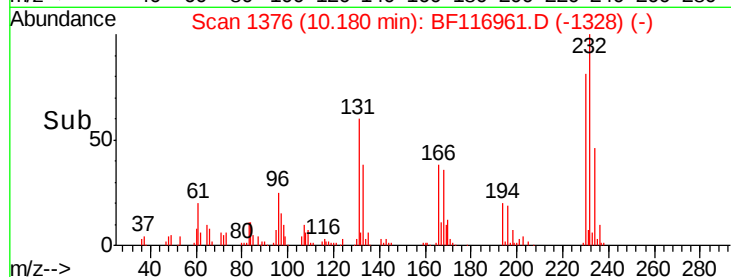
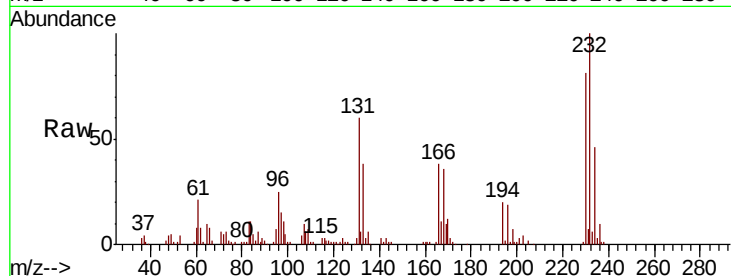
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.174 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	60.5	42.7	64.1
130	2.6	1.9	2.9
166	37.5	27.4	41.2

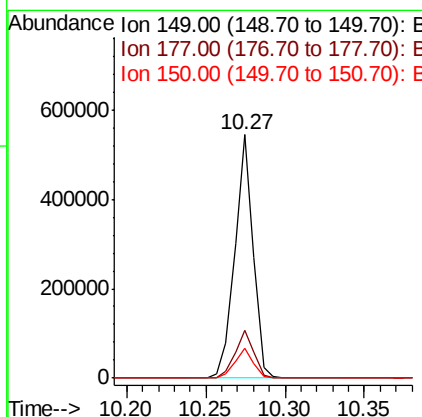
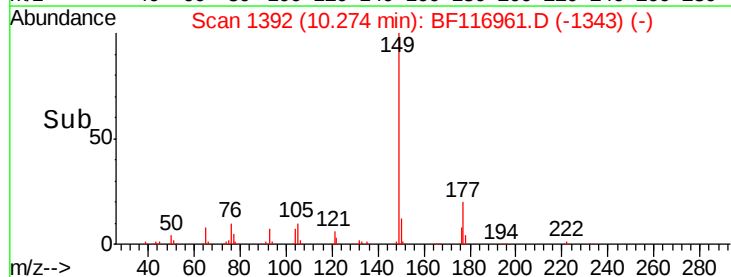
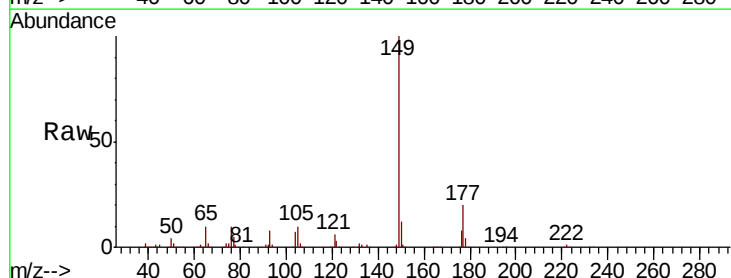
Manual Integrations
APPROVED

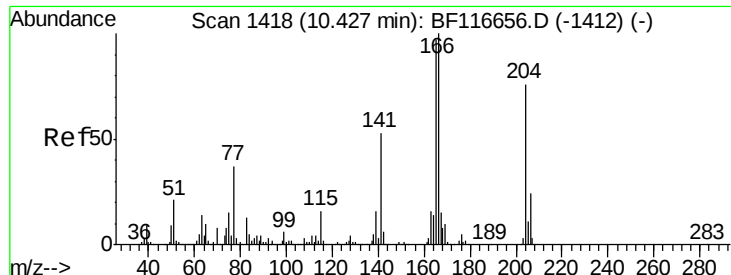
mohammad
9/16/2019 8:58:00 AM



#60
Diethylphthalate
Concen: 46.869 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.2	25.8
150	12.5	9.7	14.5





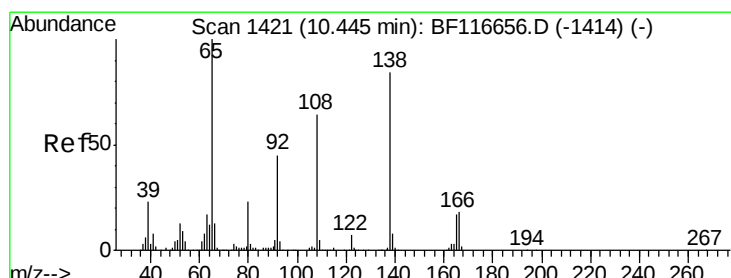
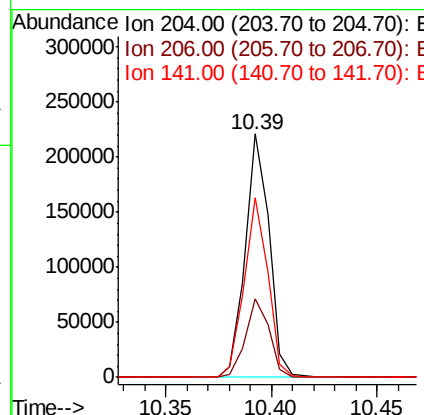
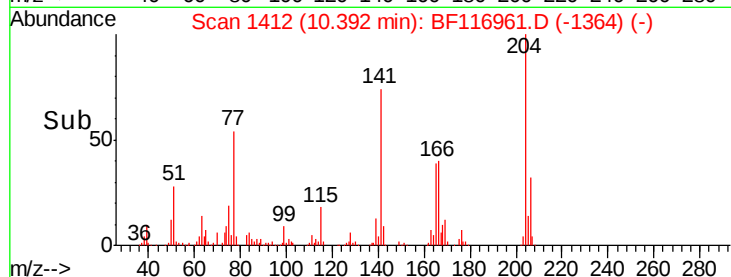
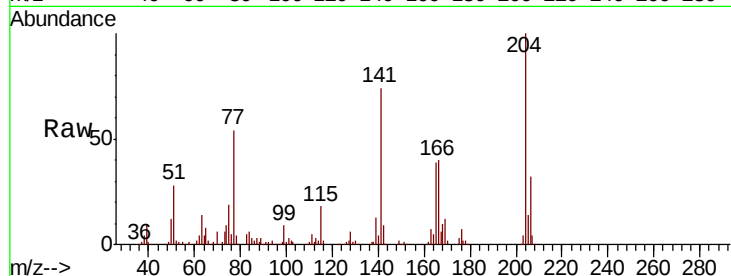
#61
4-Chlorophenyl-phenylether
Concen: 48.963 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.4	38.2
141	74.0	53.8	80.8

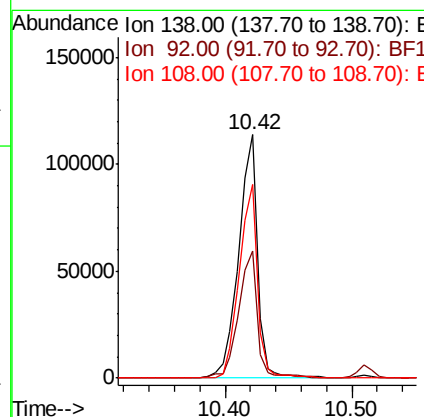
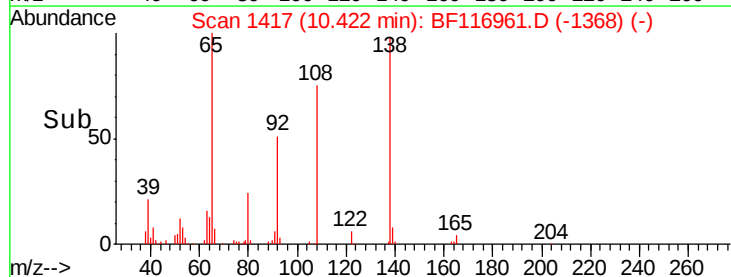
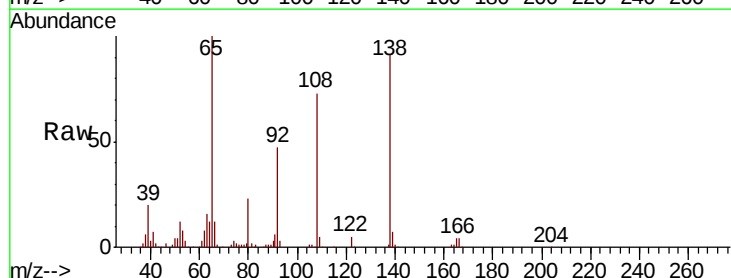
Manual Integrations
APPROVED

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9/16/2019 8:58:00 AM



#62
4-Nitroaniline
Concen: 54.015 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	28.7	68.7
108	79.8	60.4	100.4





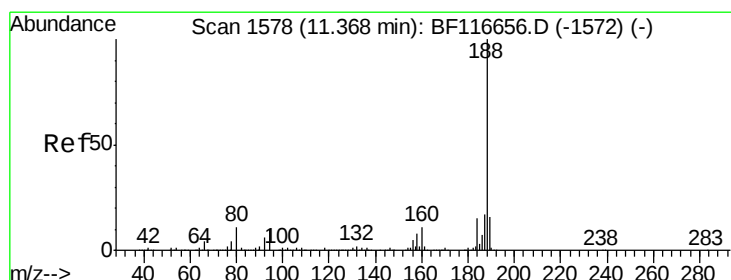
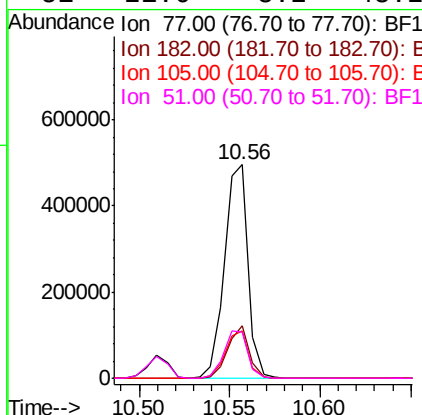
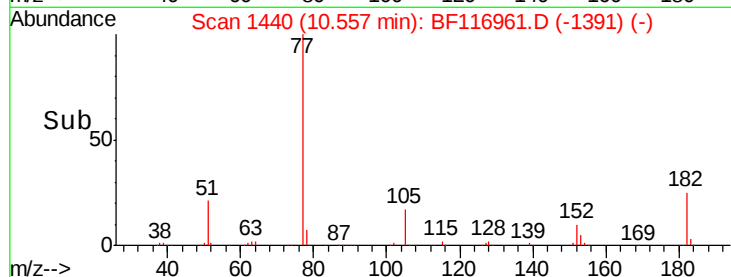
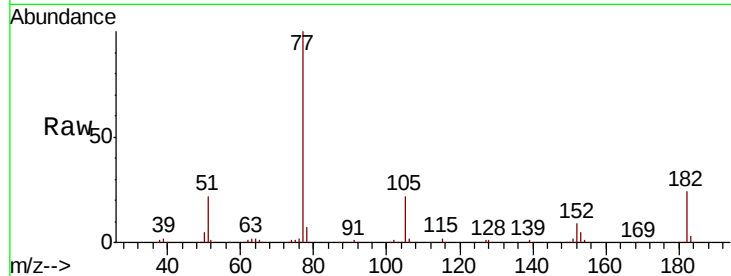
#63
Azobenzene
Concen: 46.249 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.5	1.2	41.2		
105	22.3	0.6	40.6		
51	21.6	8.2	48.2		

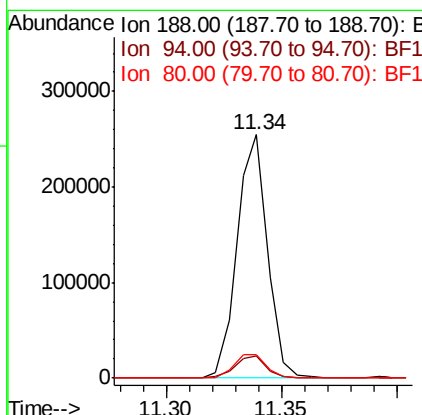
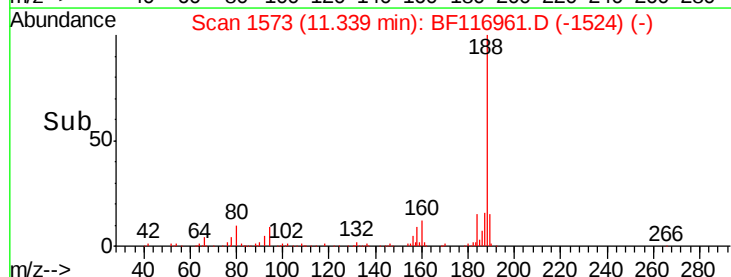
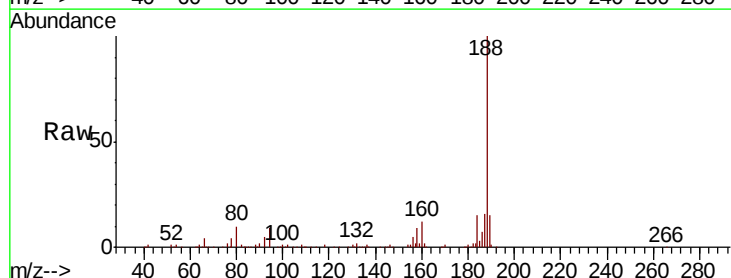
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	7.3	10.9		
80	9.6	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.298 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

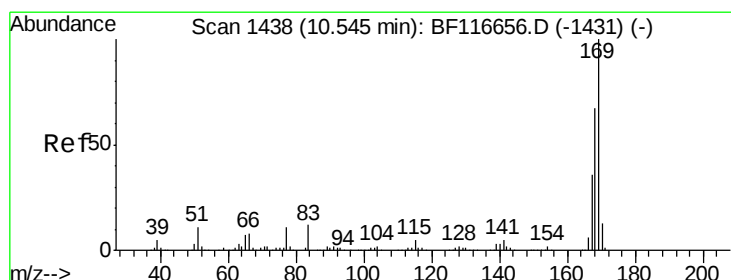
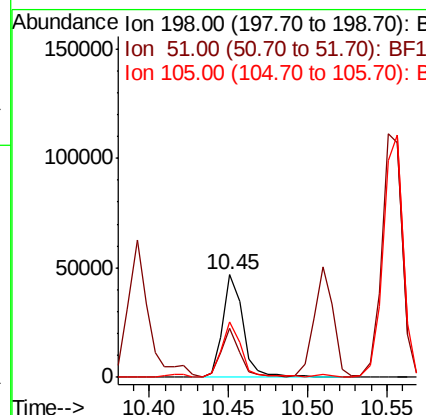
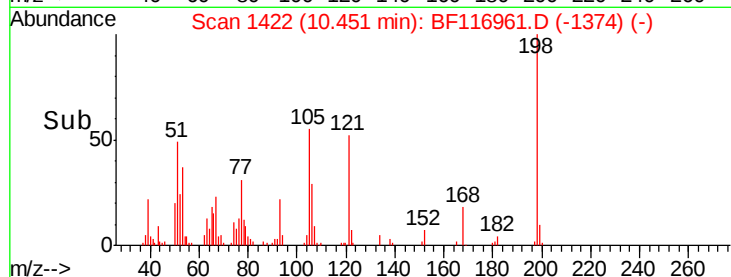
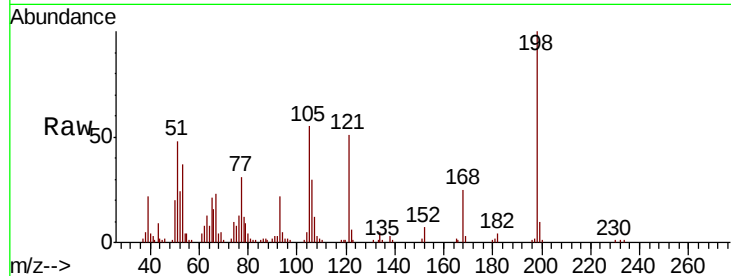
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	198	Resp:	41568
Ion Ratio	Lower	Upper	
198	100		
51	47.9	18.4	58.4
105	54.6	22.9	62.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 44.340 ng

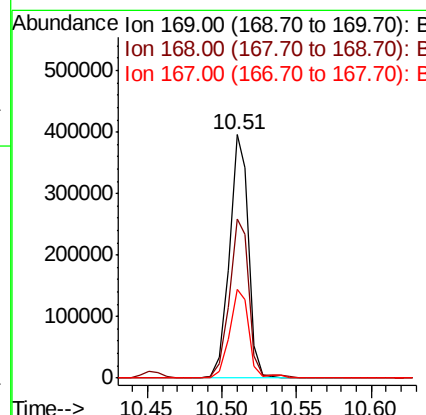
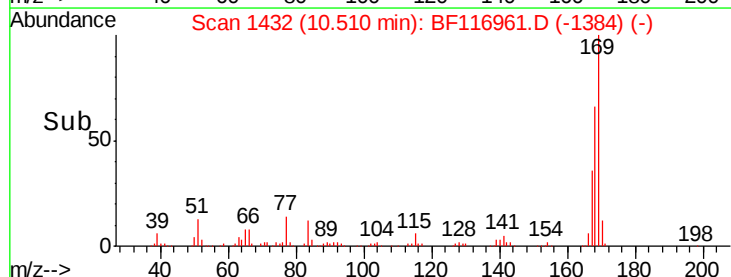
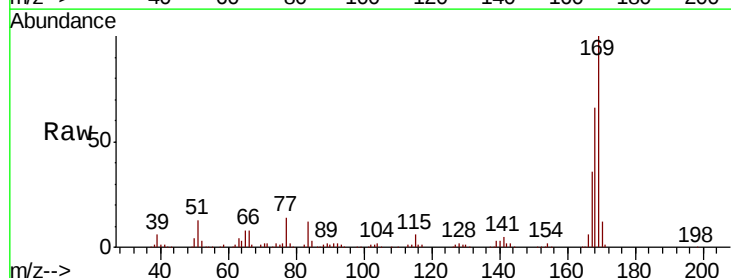
RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	169	Resp:	358040
Ion Ratio	Lower	Upper	
169	100		
168	65.6	55.8	83.6
167	36.3	29.4	44.2





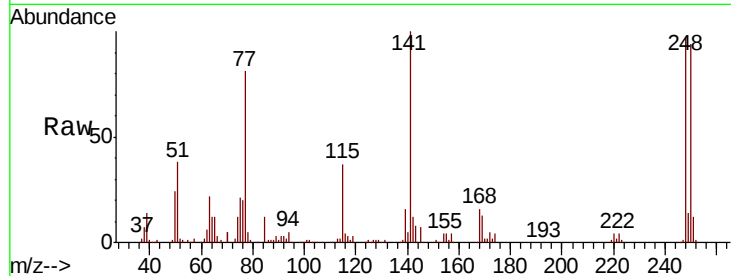
#67
4-Bromophenyl-phenylether
Concen: 43.936 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.8
141	103.4	75.9	113.9

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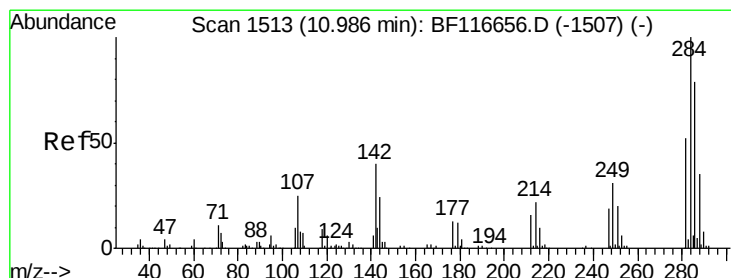
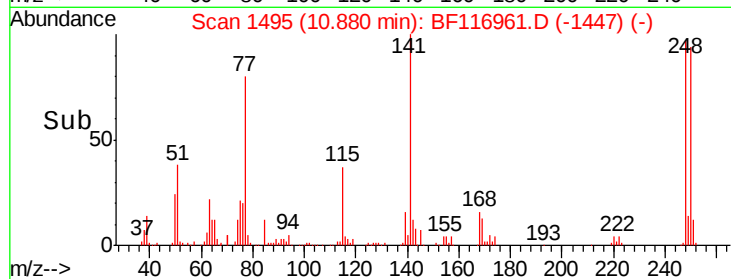
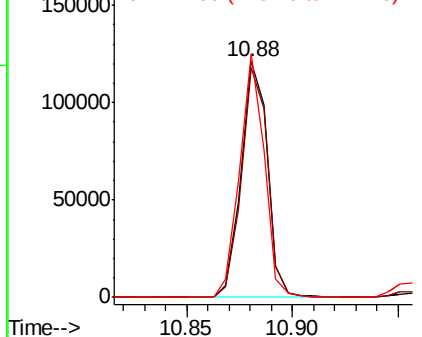


Abundance

Ion 248.00 (247.70 to 248.70): E

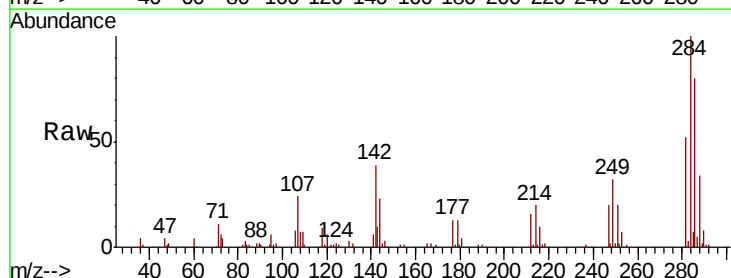
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.379 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	34.0	51.0
249	32.5	26.4	39.6

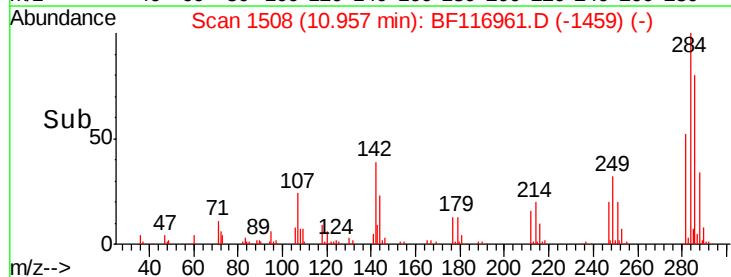
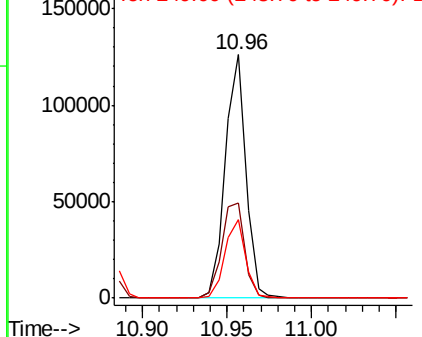


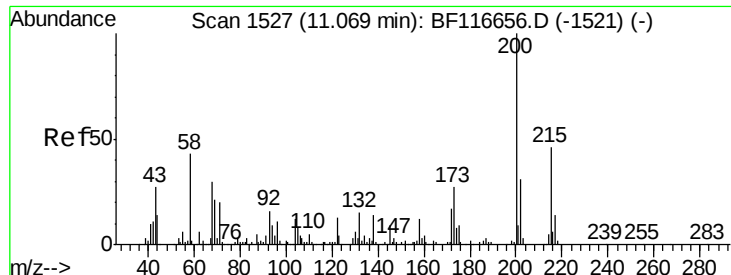
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





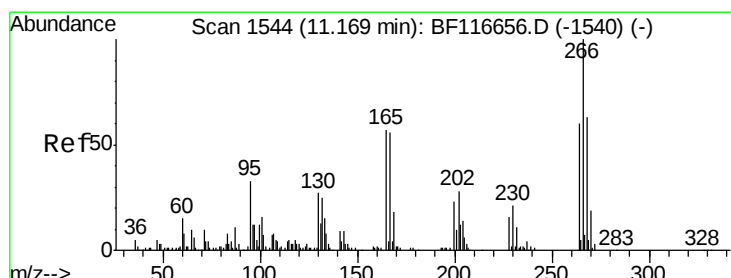
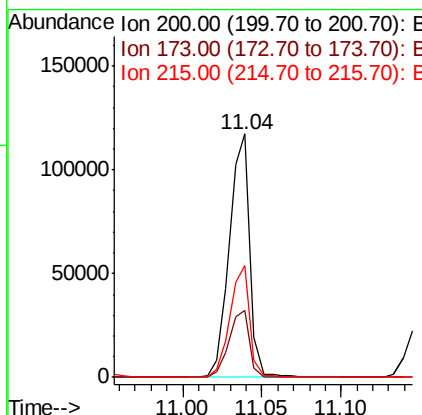
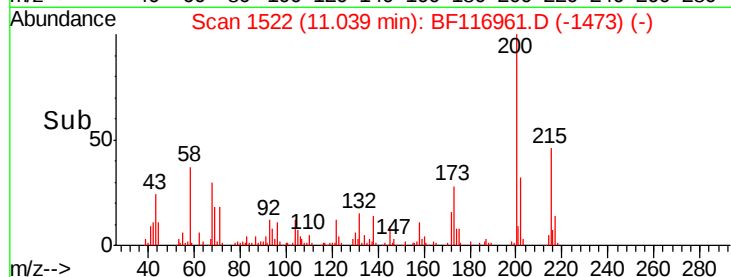
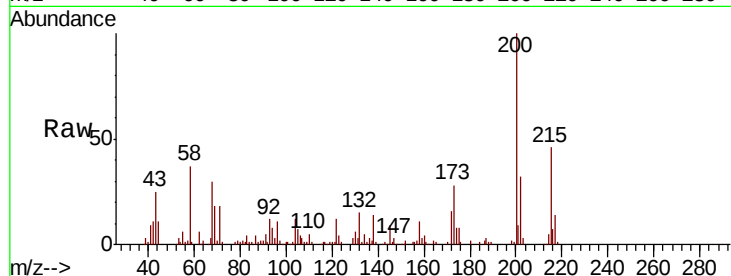
#69
Atrazine
Concen: 46.159 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.2	46.2
215	45.7	24.3	64.3

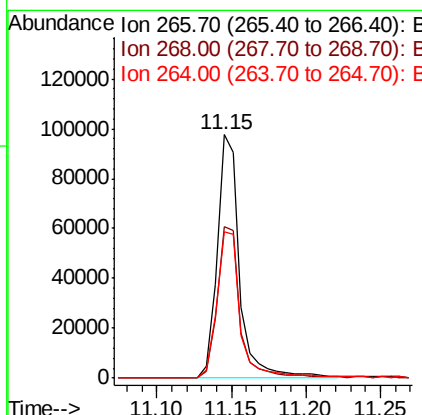
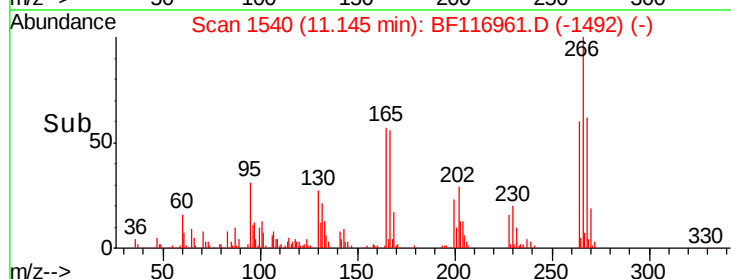
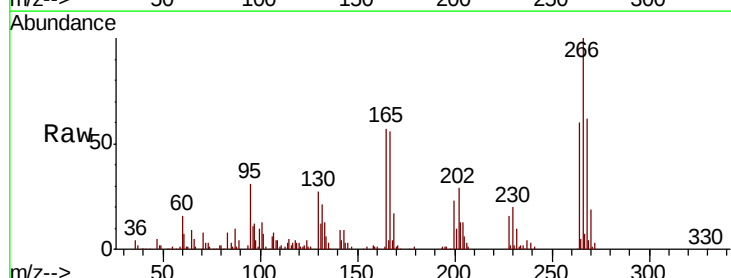
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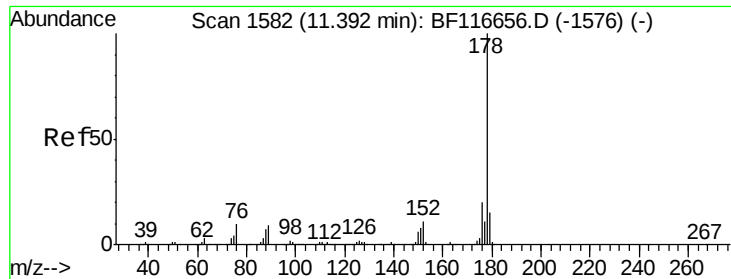
mohammad
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#70
Pentachlorophenol
Concen: 85.754 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.2	76.8
264	60.0	51.9	77.9





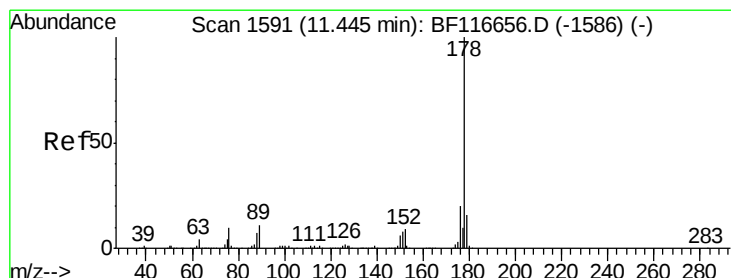
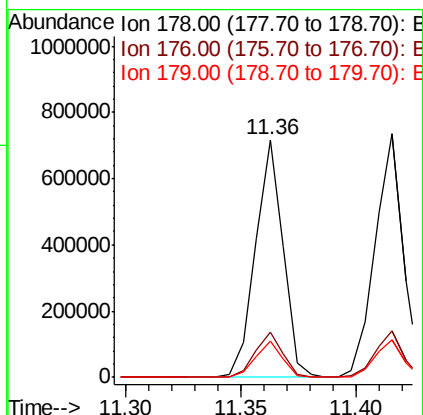
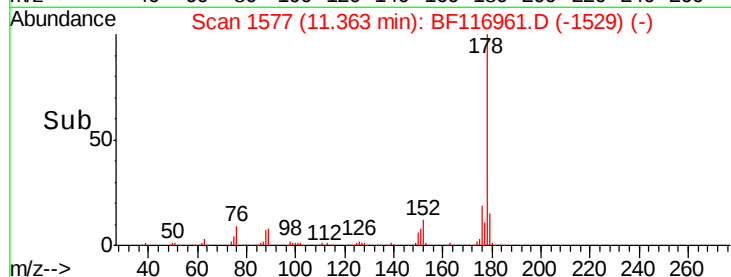
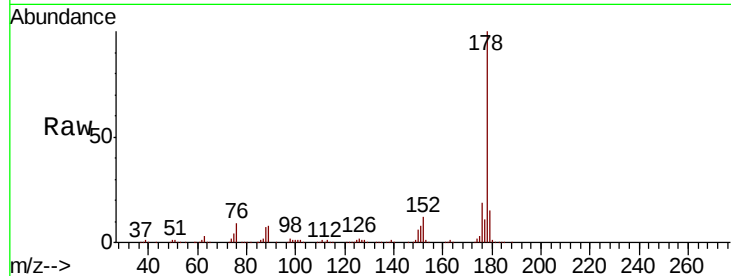
#71
Phenanthrene
Concen: 46.244 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.2	18.2

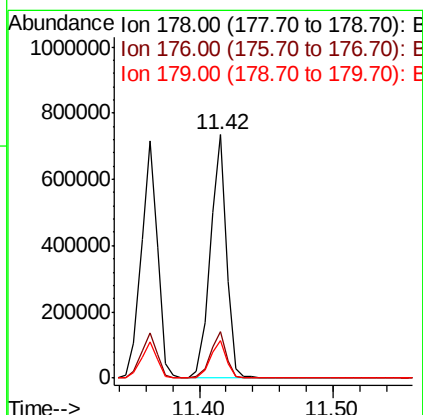
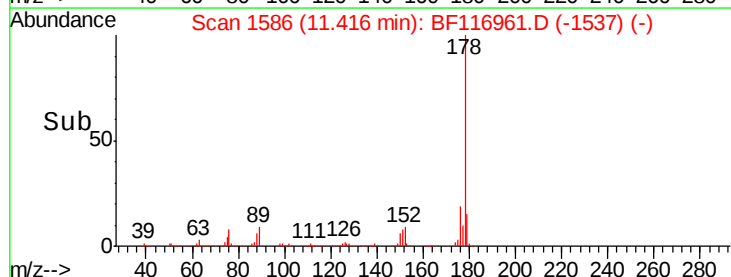
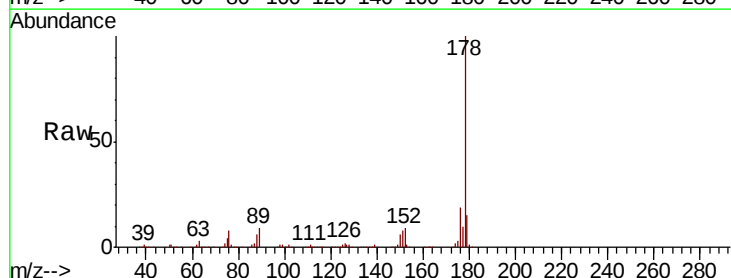
Manual Integrations
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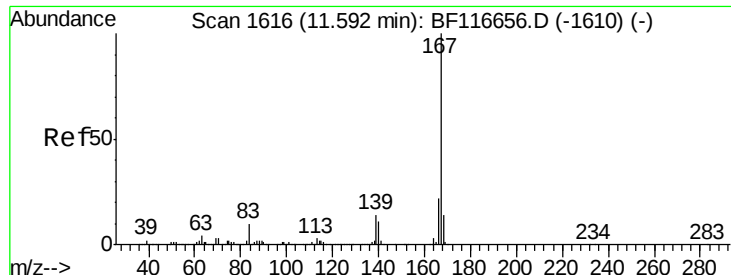
mohammad
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#72
Anthracene
Concen: 47.382 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.5	18.7





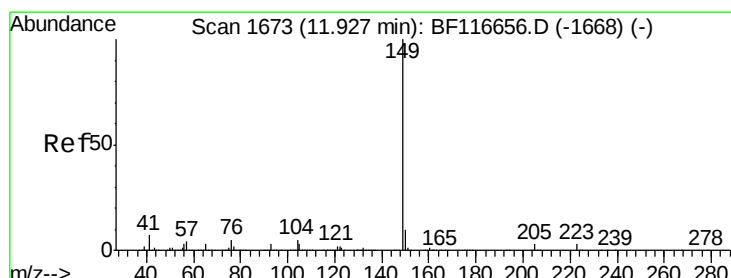
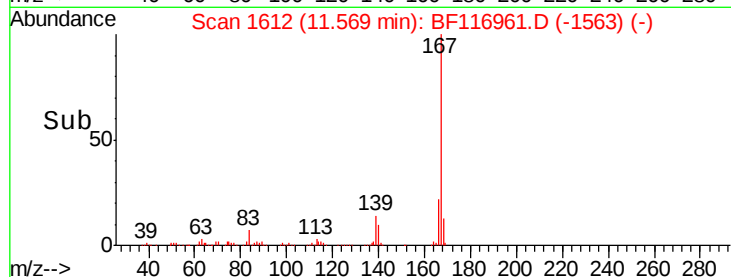
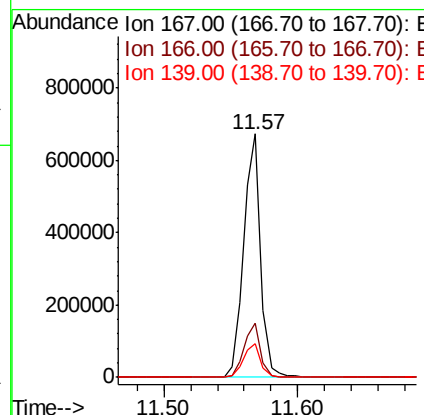
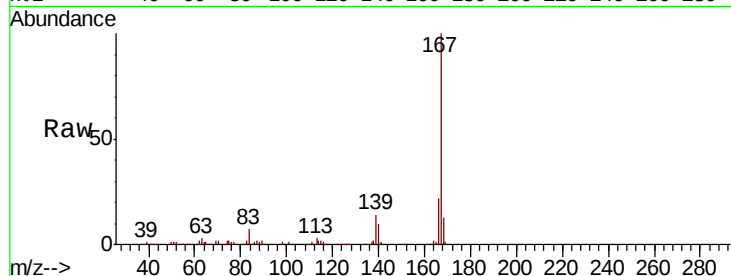
#73
 Carbazole
 Concen: 47.859 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.6	11.1	16.7

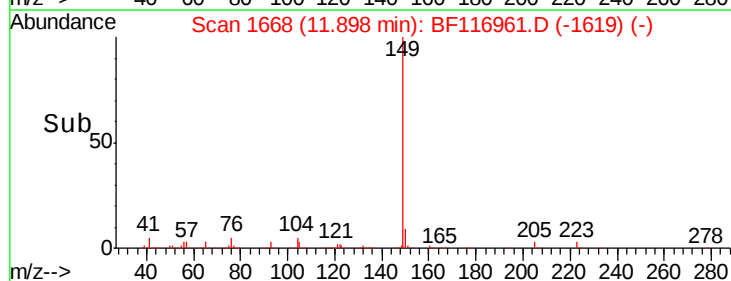
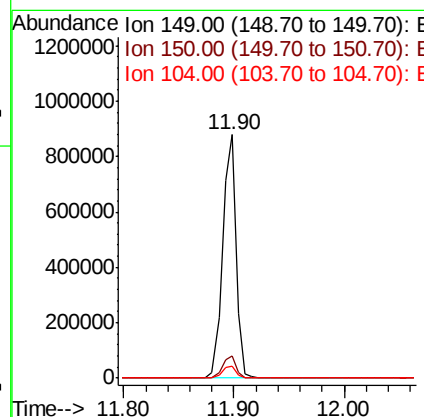
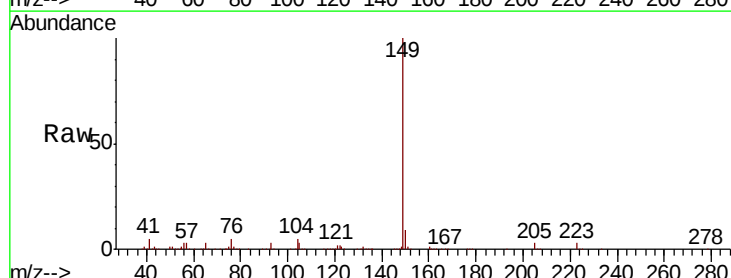
Manual Integrations
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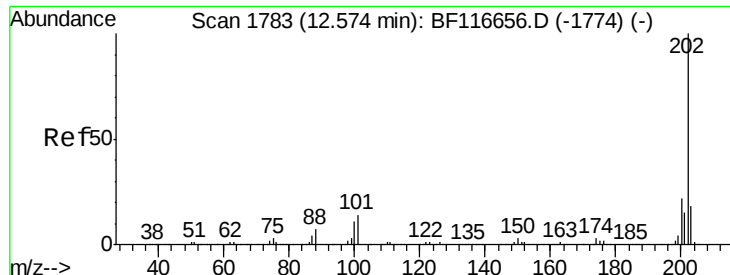
mohammad
 9/16/2019 8:58:00 AM



#74
 Di-n-butylphthalate
 Concen: 46.244 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.9	4.2	6.2





#75

Fluoranthene

Concen: 50.119 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

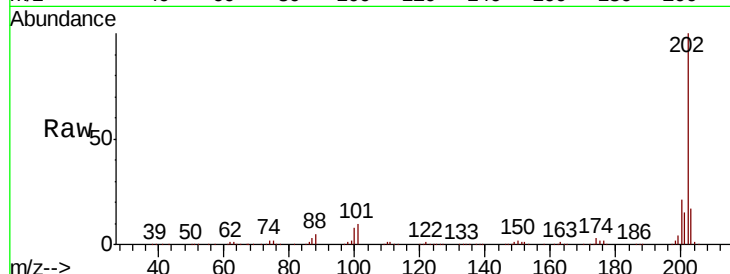
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

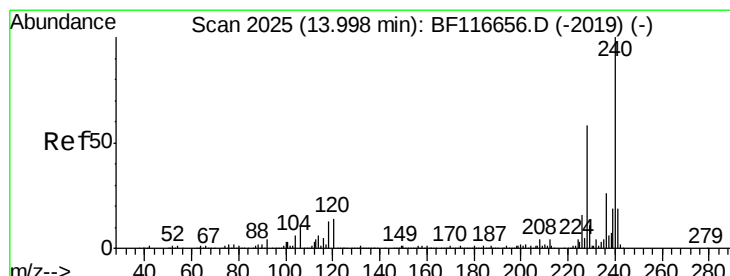
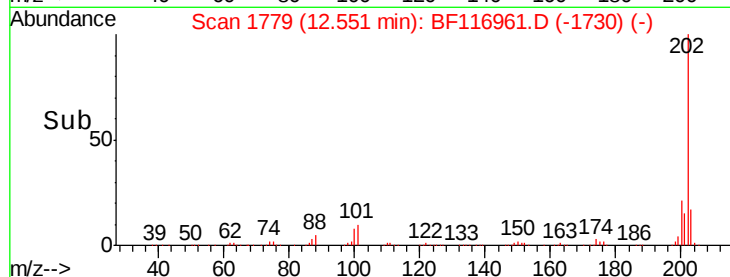
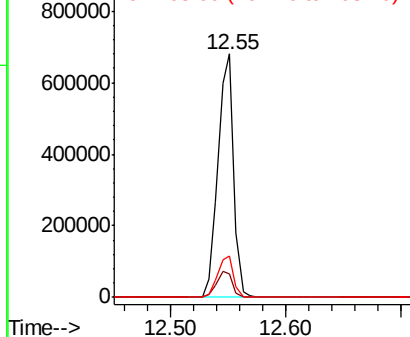
Tot Ion	Ratio	Resp	Lower	Upper
202	100	640000		
101	9.8	0.0	31.3	
203	17.2	0.0	37.6	

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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

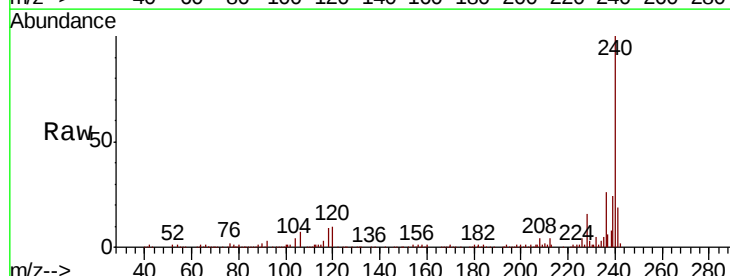
RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

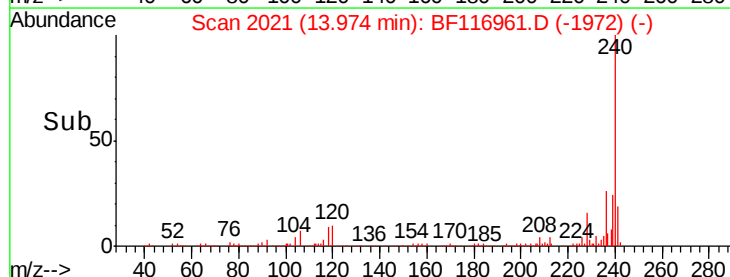
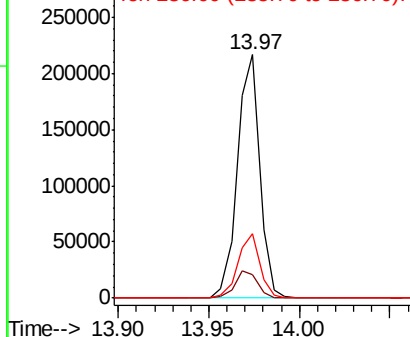
Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	186067		
120	9.7	9.1	13.7	
236	26.5	21.1	31.7	



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: 36.090 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

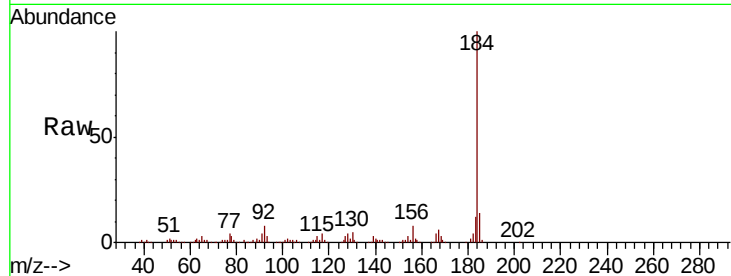
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	184	Resp:	263384
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.3	16.9
183	12.0	9.2	13.8

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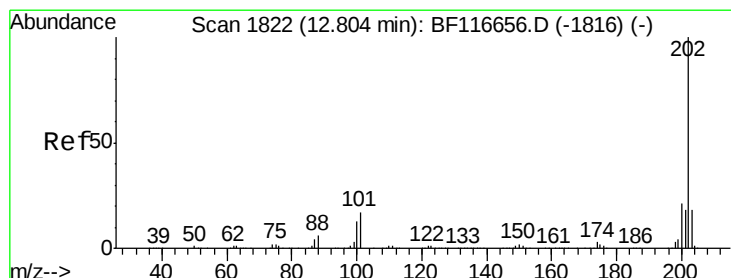
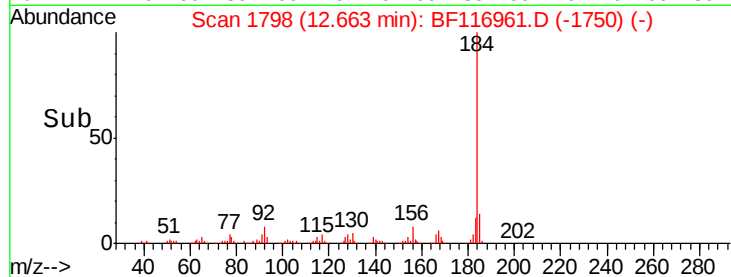
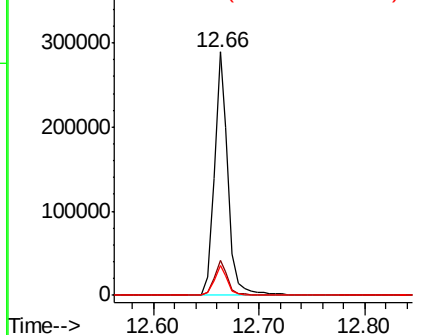


Abundance

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: 39.508 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

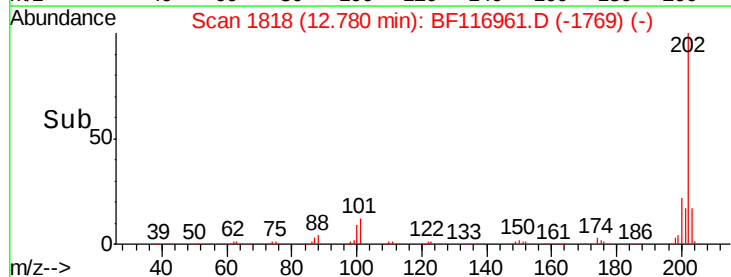
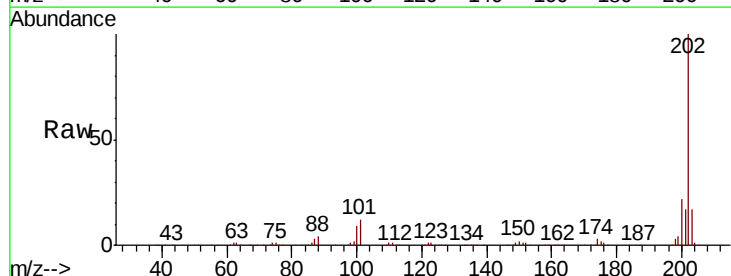
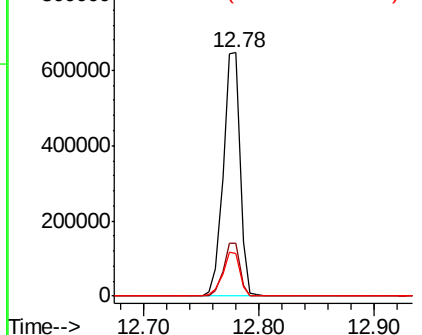
Tgt Ion:	202	Resp:	653468
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.5	24.7
203	17.4	13.7	20.5

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





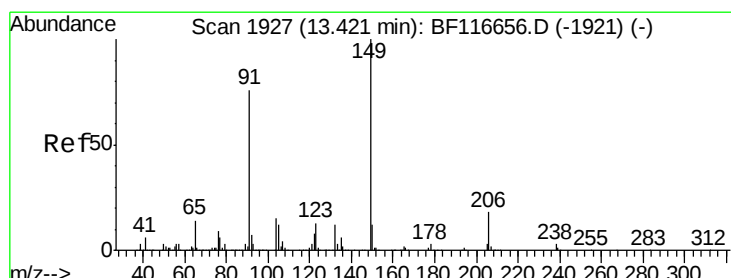
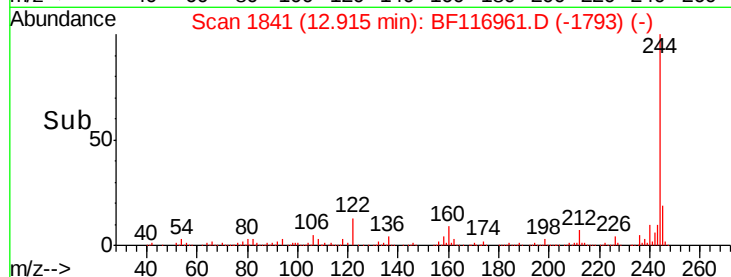
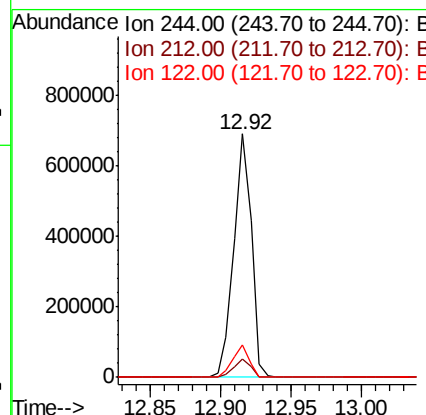
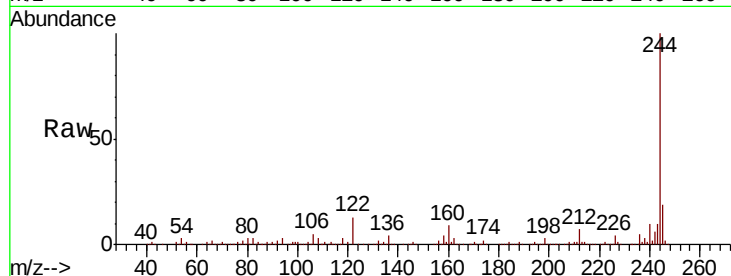
#79
 Terphenyl-d14
 Concen: 59.893 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.1	9.1	
122	13.4	10.2	15.4	

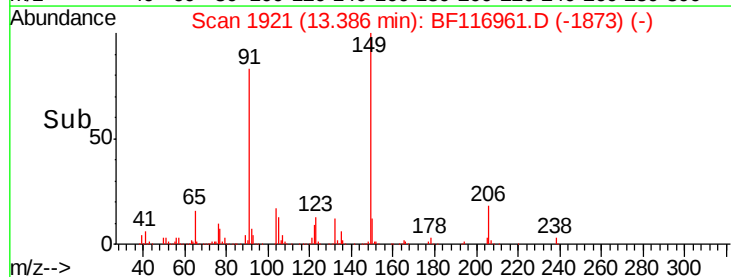
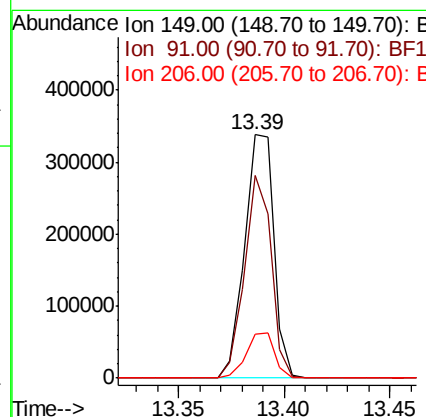
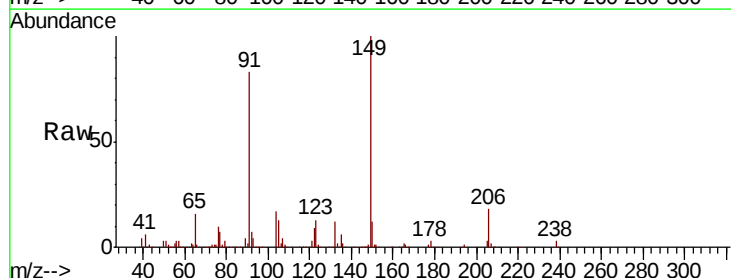
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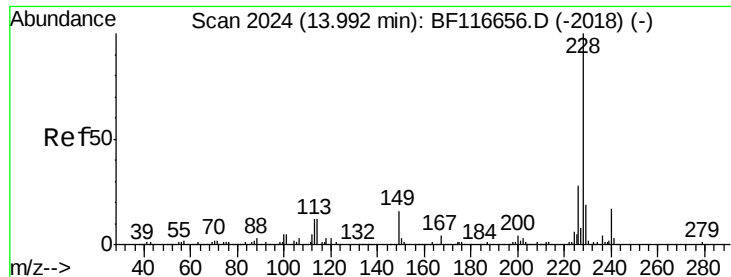
mohammad
 9/16/2019 8:58:00 AM



#80
 Butylbenzylphthalate
 Concen: 40.410 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	83.3	61.0	91.4	
206	18.1	14.8	22.2	





#81

Benzo(a)anthracene

Concen: 46.183 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

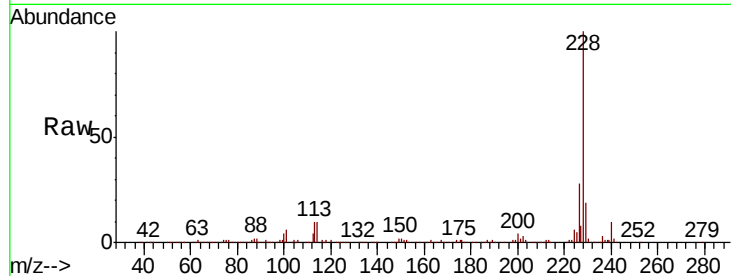
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

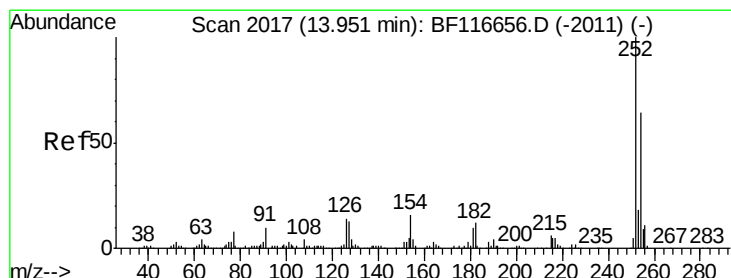
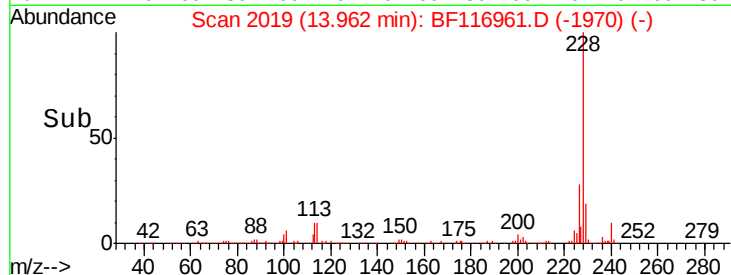
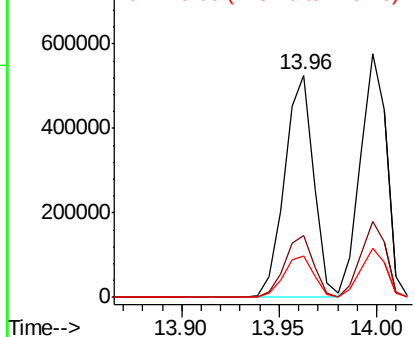
Tot Ion:	228	Resp:	543859
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.0	33.0
229	18.7	16.4	24.6

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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: 27.421 ng

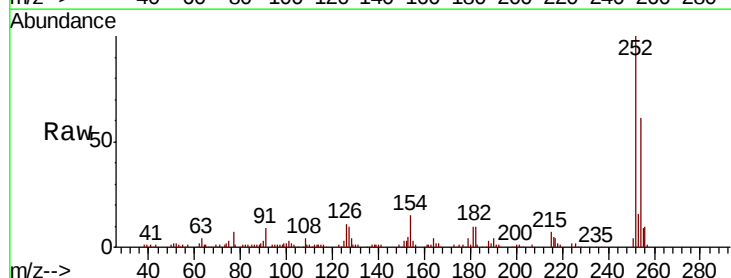
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

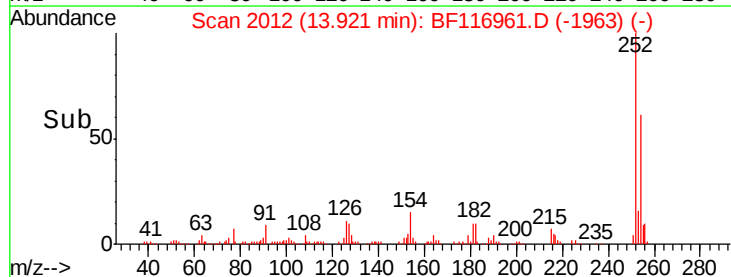
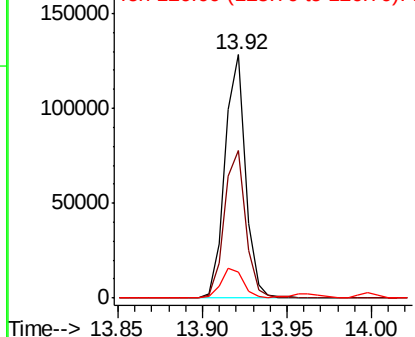
Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:	252	Resp:	109127
Ion Ratio		Lower	Upper
252	100		
254	60.9	50.1	75.1
126	10.7	10.6	16.0



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





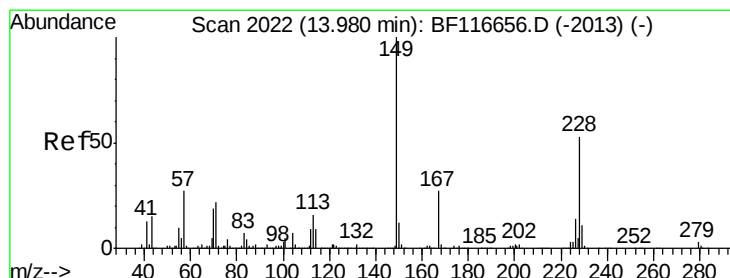
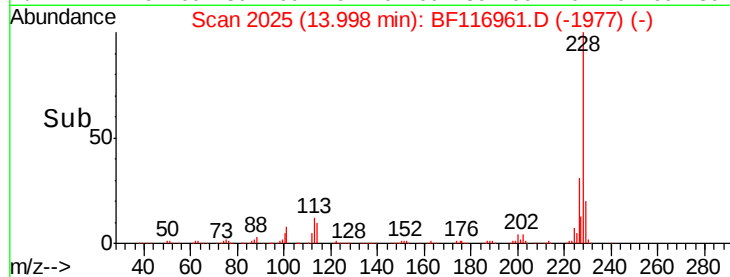
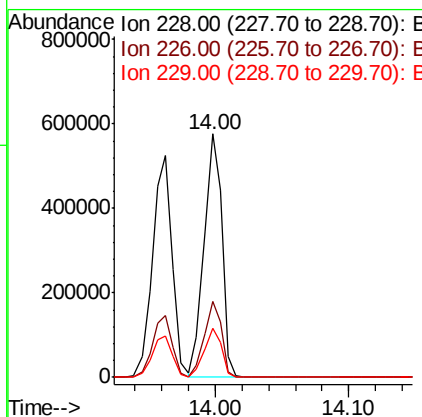
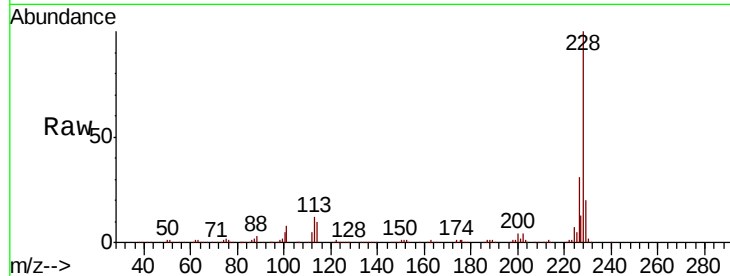
#83
 Chrysene
 Concen: 44.352 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion:	228	Resp:	538091
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	20.3	15.4	23.0

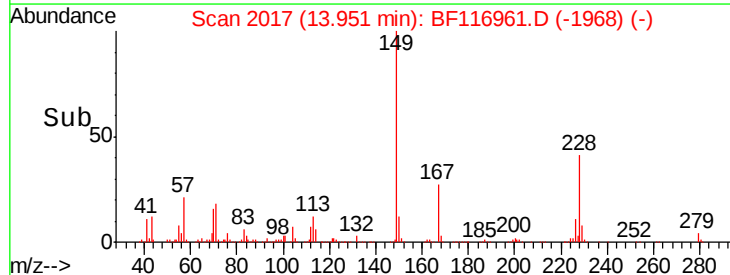
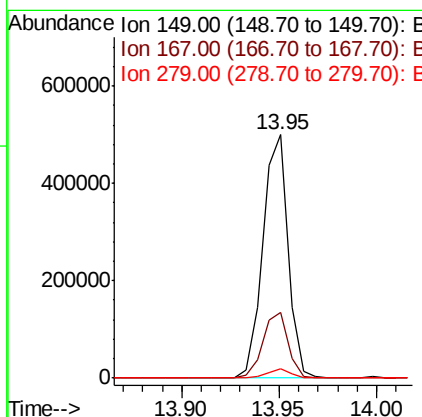
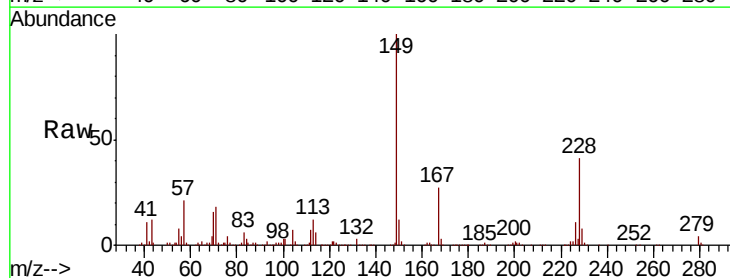
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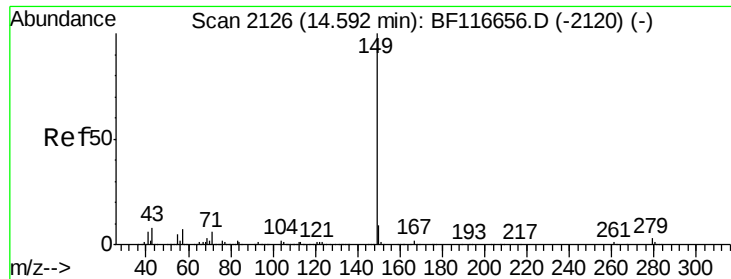
mohammad
 9/16/2019 8:58:00 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.965 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:	149	Resp:	446458
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.0	31.4
279	3.8	2.8	4.2





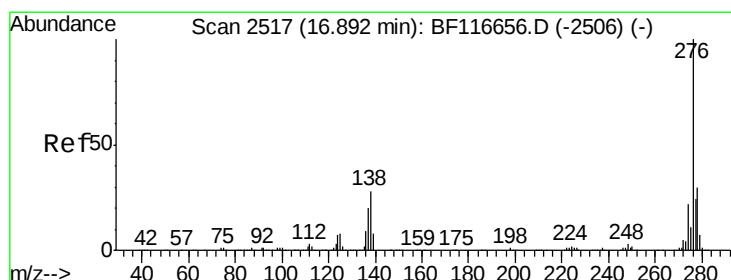
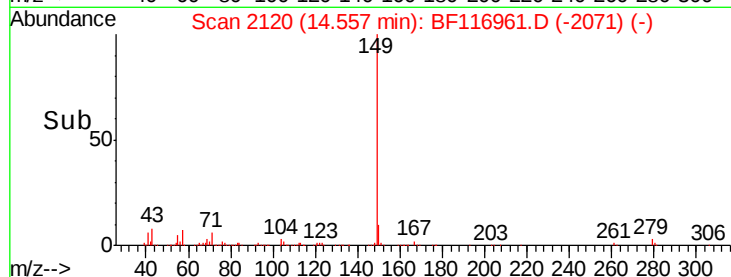
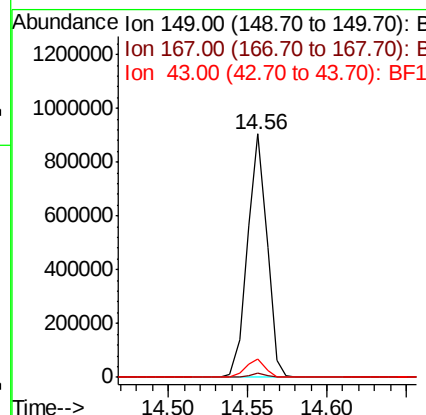
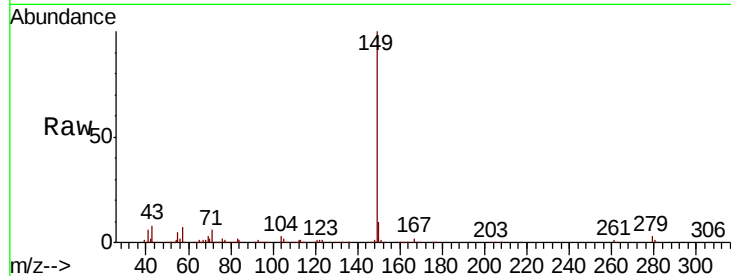
#85
Di-n-octyl phthalate
Concen: 47.363 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	769569		
167	1.5		1.3	1.9
43	7.4		7.8	11.8#

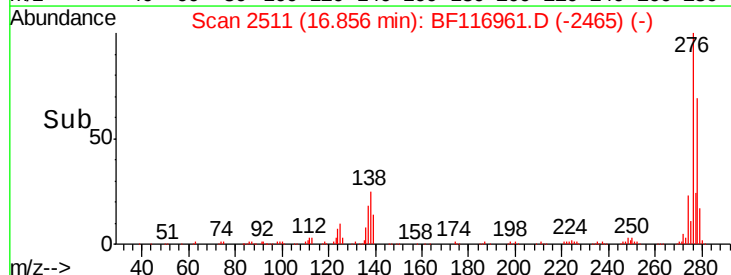
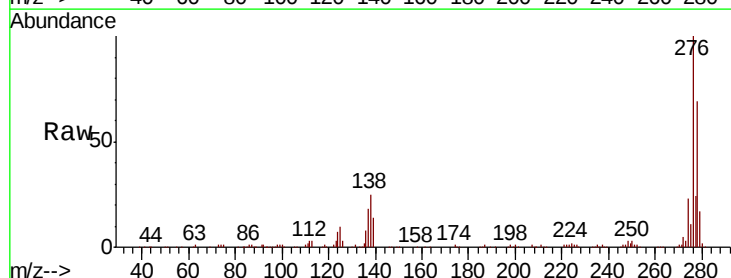
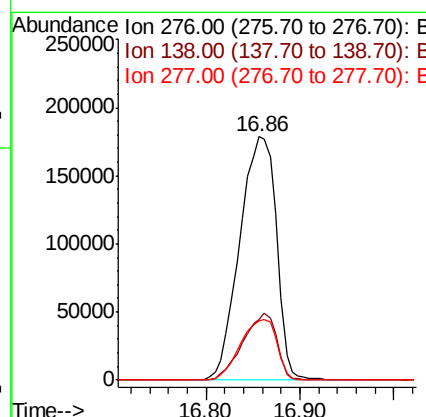
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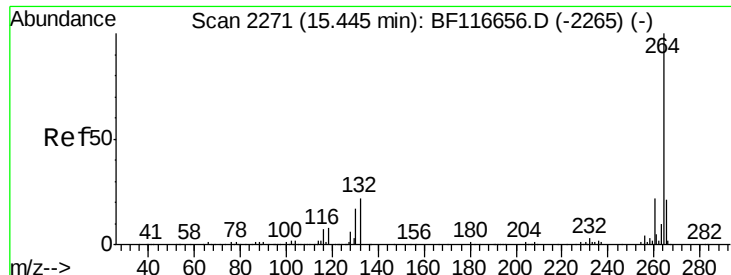
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.681 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	484135		
138	25.6		19.4	29.2
277	24.9		20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

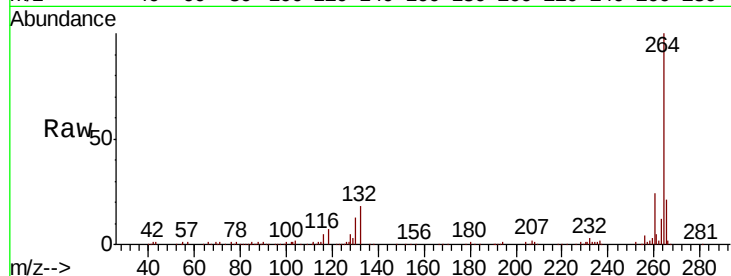
ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03AMS

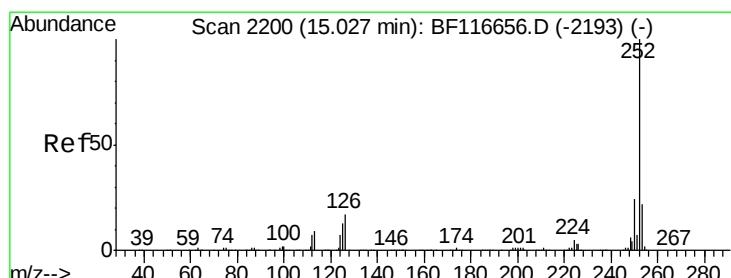
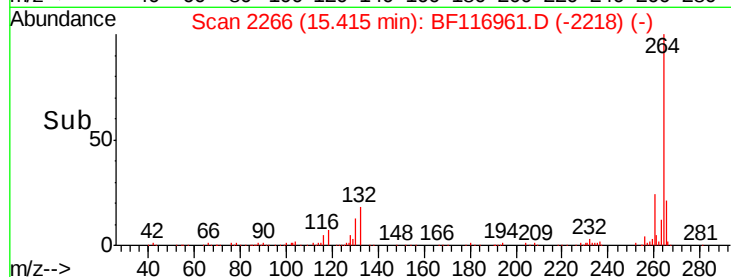
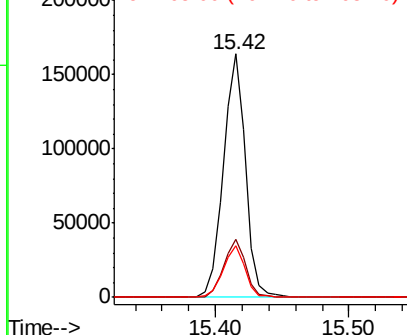
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.0	16.5	24.7

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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: 46.367 ng

RT: 15.00 min Scan# 2195

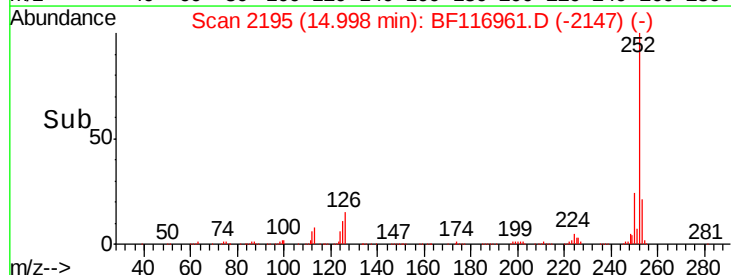
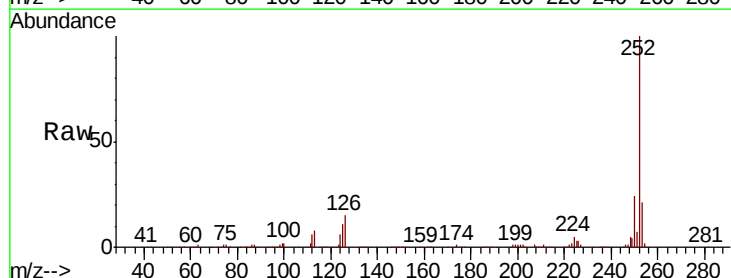
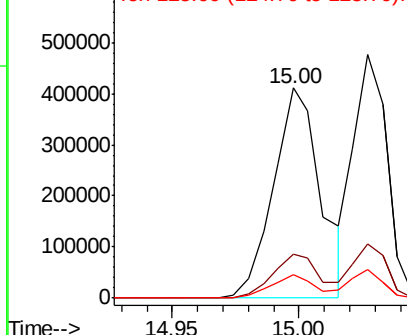
Delta R.T. -0.02 min

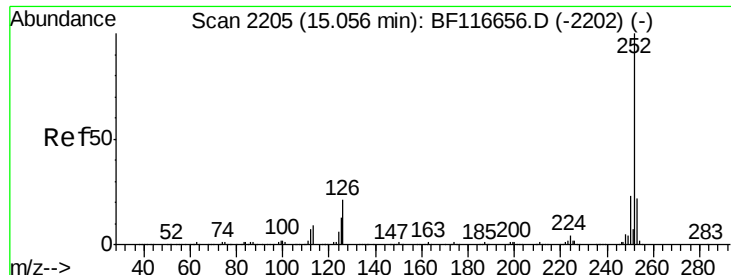
Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	11.0	8.2	12.2

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





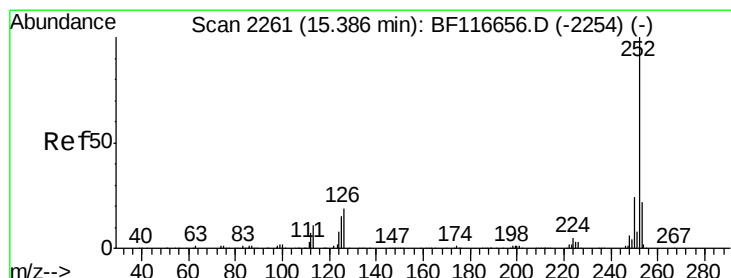
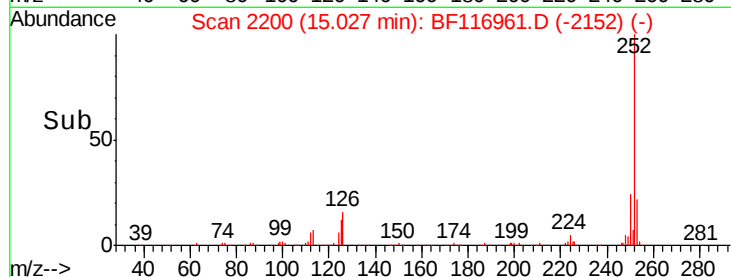
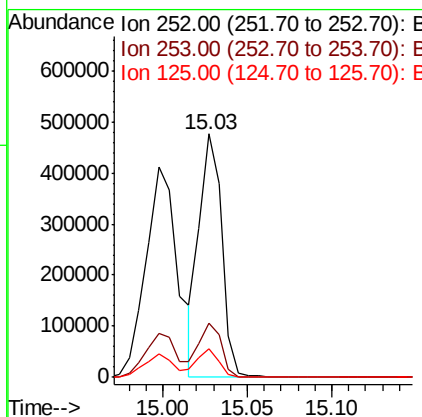
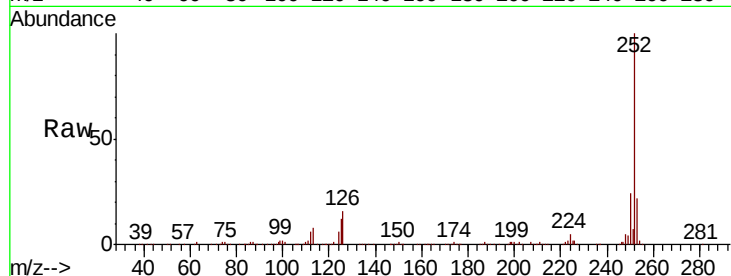
#89
Benzo(k)fluoranthene
Concen: 41.730 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.9	8.6	13.0

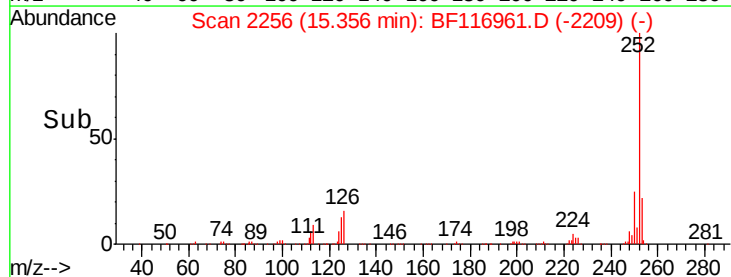
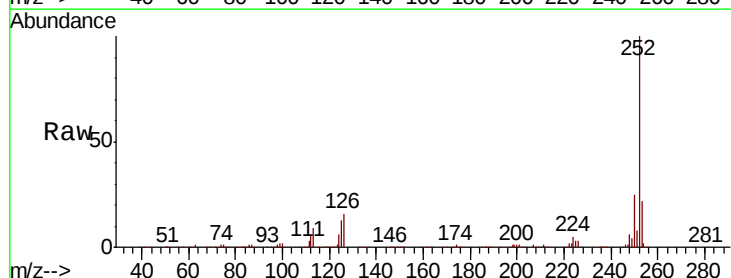
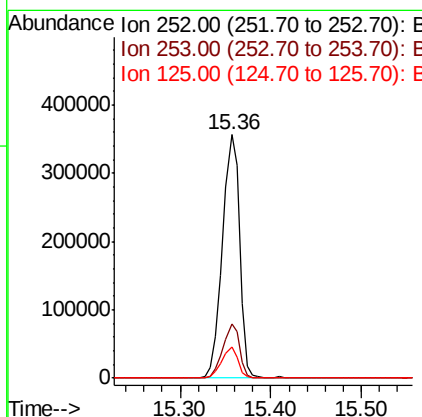
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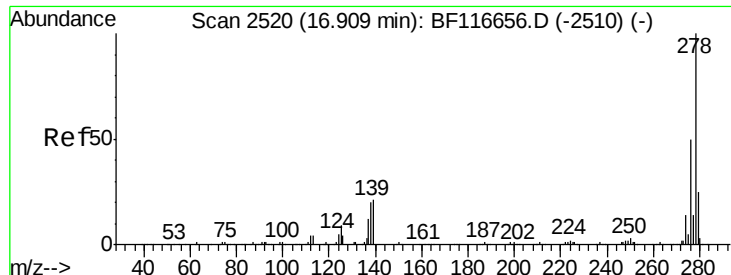
mohammad
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#90
Benzo(a)pyrene
Concen: 46.516 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.5	9.8	14.8





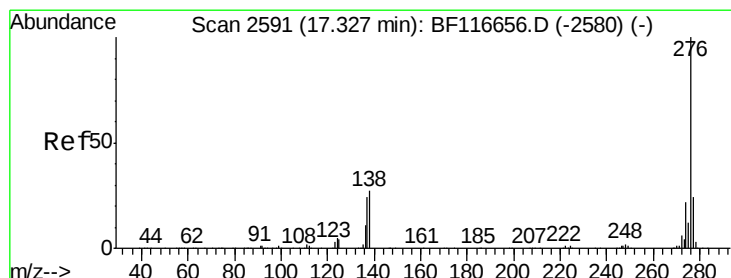
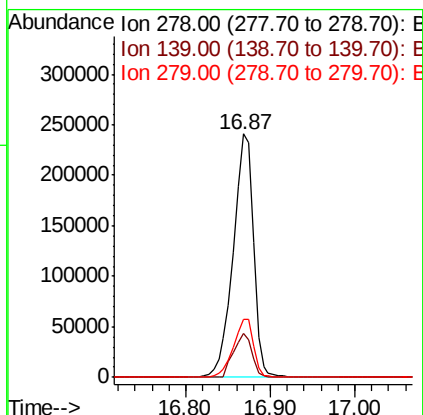
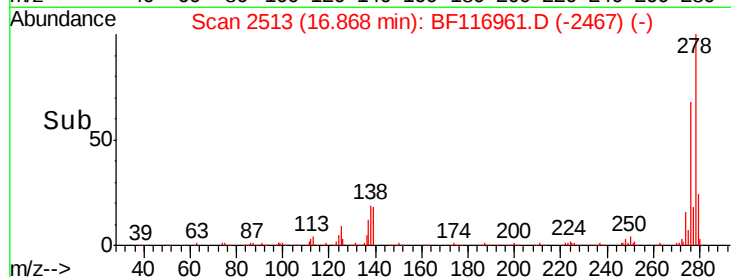
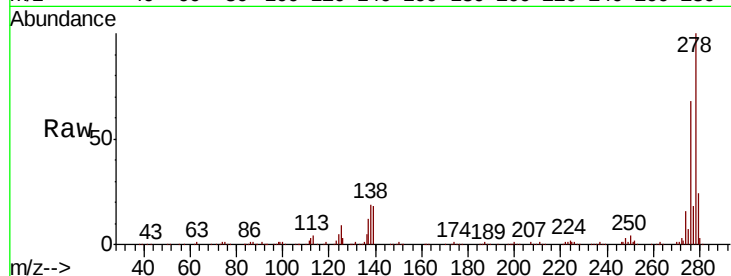
#91
Dibenzo(a,h)anthracene
Concen: 45.323 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.4	18.6
279	23.6	18.2	27.4

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#92
Benzo(g,h,i)perylene
Concen: 45.796 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.04 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.5	27.7
138	23.5	16.2	24.2

