

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116745.D
 Acq On : 1 Sep 2019 16:26
 Operator : HP/JU
 Sample : K4525-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:54:28 AM

Quant Time: Sep 02 05:52:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133823	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	531263	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	269420	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	425814	20.00	ng	0.00
76) Chrysene-d12	14.00	240	259978	20.00	ng	0.00
87) Perylene-d12	15.45	264	300668	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	945505	114.46	ng	0.00
7) Phenol-d6	6.49	99	1310803	120.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	836278	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	227240	126.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1396682	87.45	ng	0.00
79) Terphenyl-d14	12.94	244	1241650	88.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	103962	27.264	ng	99
3) Pyridine	3.36	79	268252	24.297	ng	94
4) n-Nitrosodimethylamine	3.29	42	112709	29.728	ng	# 70
6) Aniline	6.51	93	376816	25.082	ng	98
8) 2-Chlorophenol	6.63	128	321255	35.626	ng	95
9) Benzaldehyde	6.39	77	230128	32.204	ng	97
10) Phenol	6.50	94	445221	37.068	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	316575	33.850	ng	98
12) 1,3-Dichlorobenzene	6.79	146	324925	31.882	ng	96
13) 1,4-Dichlorobenzene	6.87	146	330907	32.613	ng	97
14) 1,2-Dichlorobenzene	7.02	146	309992	32.968	ng	99
15) Benzyl Alcohol	6.99	79	302088	34.310	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	355041	32.357	ng	98
17) 2-Methylphenol	7.10	107	266623	33.776	ng	95
18) Hexachloroethane	7.36	117	117937	29.917	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	235985	33.042	ng	94
20) 3+4-Methylphenols	7.25	107	328769	35.821	ng	# 82
22) Acetophenone	7.25	105	454599	35.543	ng	97
24) Nitrobenzene	7.43	77	356638	37.681	ng	95
25) Isophorone	7.66	82	658251	34.907	ng	99
26) 2-Nitrophenol	7.75	139	104610	29.729	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	282213	39.711	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	404539	35.105	ng	99
29) 2,4-Dichlorophenol	7.99	162	256855	37.609	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	260364	35.148	ng	98
31) Naphthalene	8.15	128	927121	36.700	ng	99
32) Benzoic acid	7.87	122	14146m	3.525	ng	
33) 4-Chloroaniline	8.19	127	275622	23.969	ng	98
34) Hexachlorobutadiene	8.27	225	135234	33.482	ng	98
35) Caprolactam	8.56	113	88174	34.498	ng	87
36) 4-Chloro-3-methylphenol	8.68	107	292140	37.218	ng	93
37) 2-Methylnaphthalene	8.85	142	622833	37.055	ng	94
38) 1-Methylnaphthalene	8.94	142	585369	36.893	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	236513	36.620	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	90239	24.196	nq	94
43) 2,4,6-Trichlorophenol	9.12	196	159254	35.971	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	158989	34.591	nq	93
46) 1,1'-Biphenyl	9.30	154	737524	36.076	nq	97
47) 2-Chloronaphthalene	9.33	162	576385	35.596	nq	99
48) 2-Nitroaniline	9.42	65	199819	42.685	nq	96
49) Acenaphthylene	9.75	152	917835	37.498	nq	99
50) Dimethylphthalate	9.60	163	785860	42.249	nq	98
51) 2,6-Dinitrotoluene	9.66	165	153239	43.180	nq	87
52) Acenaphthene	9.92	154	541841	36.028	nq	97
53) 3-Nitroaniline	9.83	138	179389	40.335	nq	92
54) 2,4-Dinitrophenol	9.93	184	731	9.555	nq	# 26
55) Dibenzofuran	10.09	168	815364	38.458	nq	99
56) 4-Nitrophenol	9.99	139	189213	62.047	nq	86
57) 2,4-Dinitrotoluene	10.06	165	196714	45.332	nq	97
58) Fluorene	10.43	166	629498	38.967	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	110636	33.352	nq	99
60) Diethylphthalate	10.30	149	709456	38.077	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	267326	37.790	nq	95
62) 4-Nitroaniline	10.44	138	193888	44.922	nq	92
63) Azobenzene	10.58	77	738807	38.027	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	1696	8.365	nq	74
66) n-Nitrosodiphenylamine	10.54	169	588560	39.956	nq	96
67) 4-Bromophenyl-phenylether	10.91	248	164546	38.039	nq	96
68) Hexachlorobenzene	10.98	284	166689	36.831	nq	98
69) Atrazine	11.06	200	157753	38.238	nq	98
70) Pentachlorophenol	11.17	266	104870	47.900	nq	99
71) Phenanthrene	11.39	178	1056585	44.575	nq	100
72) Anthracene	11.44	178	943161	39.527	nq	99
73) Carbazole	11.59	167	865689	38.087	nq	99
74) Di-n-butylphthalate	11.92	149	1112840	38.192	nq	99
75) Fluoranthene	12.57	202	1024875	43.996	nq	97
77) Benzidine	12.69	184	277995	27.262	nq	99
78) Pyrene	12.80	202	974686	42.175	nq	97
80) Butylbenzylphthalate	13.42	149	417252	37.127	nq	100
81) Benzo(a)anthracene	13.99	228	686856	41.744	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	199244	35.832	nq	99
83) Chrysene	14.02	228	694742	40.984	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	568162	40.954	nq	99
85) Di-n-octyl phthalate	14.59	149	977551	43.059	nq	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	607685	44.631	nq	# 94
88) Benzo(b)fluoranthene	15.03	252	706770	38.881	nq	# 97
89) Benzo(k)fluoranthene	15.06	252	646918	39.032	nq	98
90) Benzo(a)pyrene	15.39	252	663681	41.965	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	494723	35.738	nq	# 94
92) Benzo(g,h,i)perylene	17.33	276	474474	33.608	nq	# 92

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

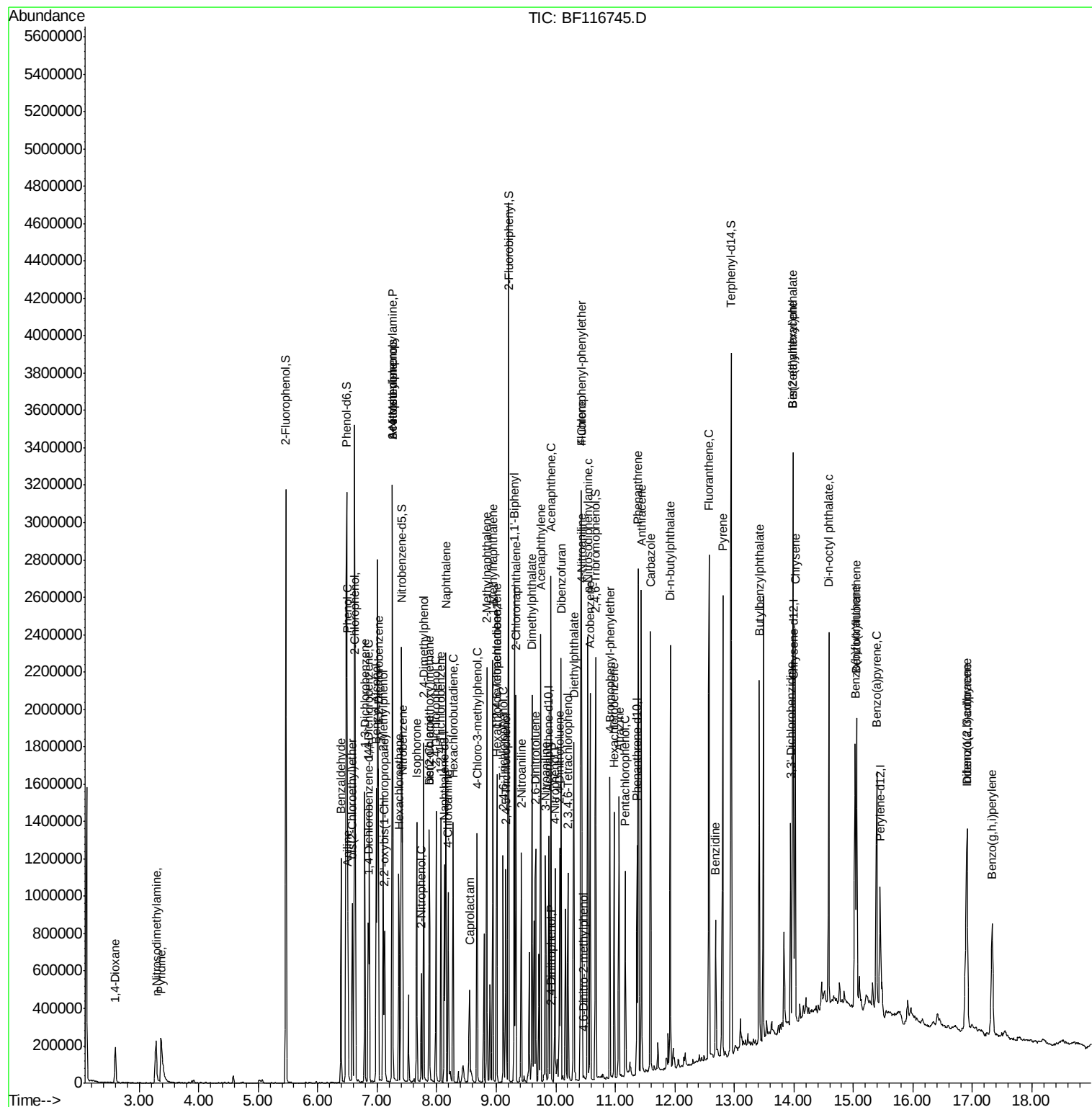
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

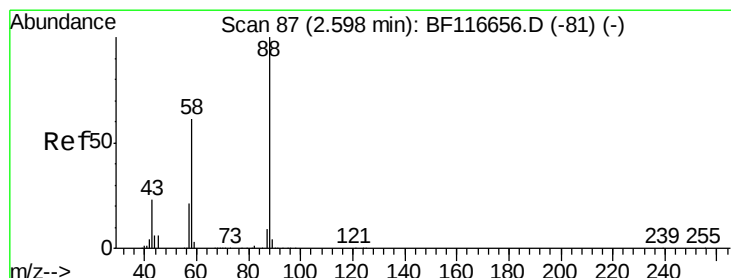
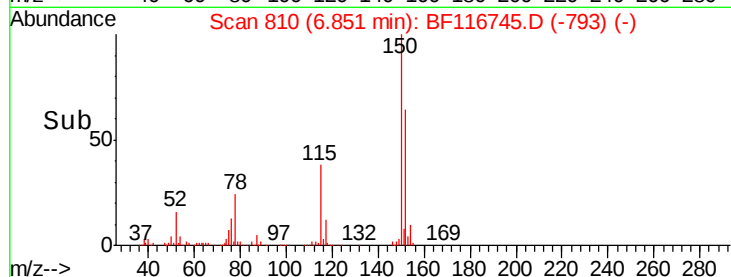
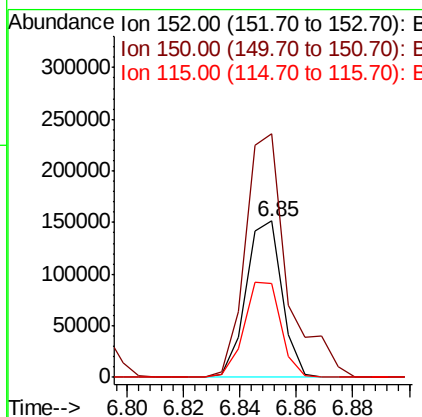
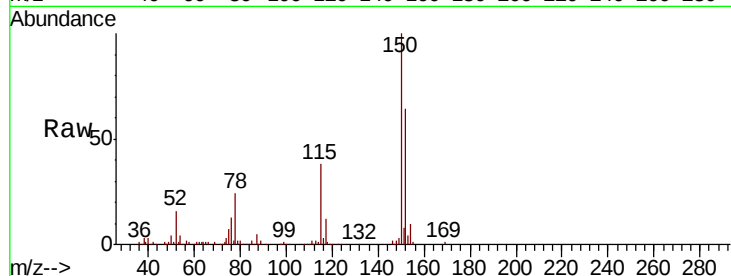
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	152	Resp:	133823
Ion Ratio	Lower	Upper	
152	100		
150	155.7	124.4	186.6
115	59.9	49.9	74.9

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#2

1,4-Dioxane

Concen: 27.264 ng

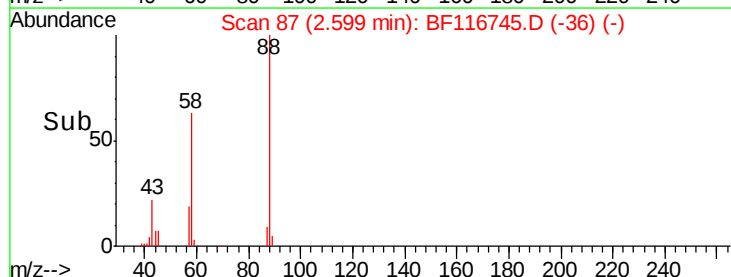
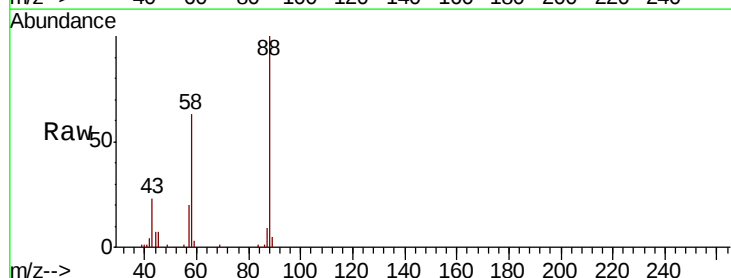
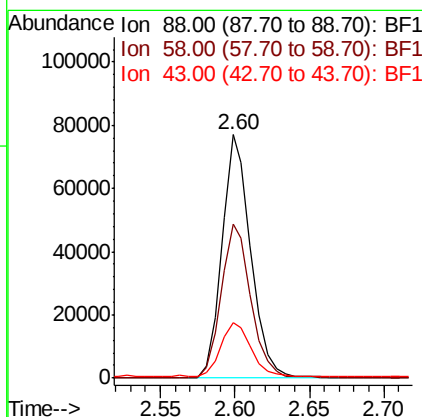
RT: 2.60 min Scan# 87

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	88	Resp:	103962
Ion Ratio	Lower	Upper	
88	100		
58	65.3	51.7	77.5
43	24.0	19.8	29.8





#3

Pvridine

Concen: 24.297 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

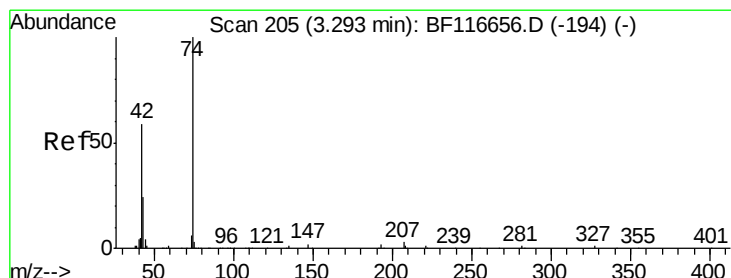
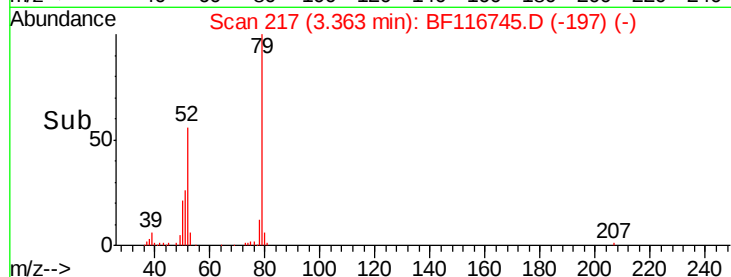
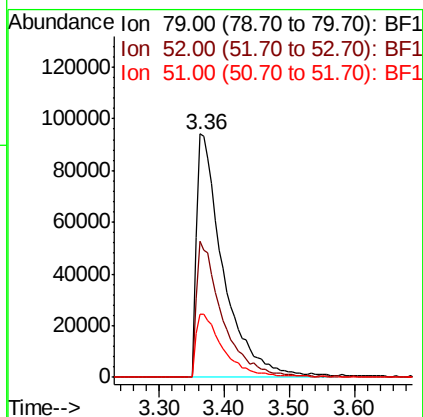
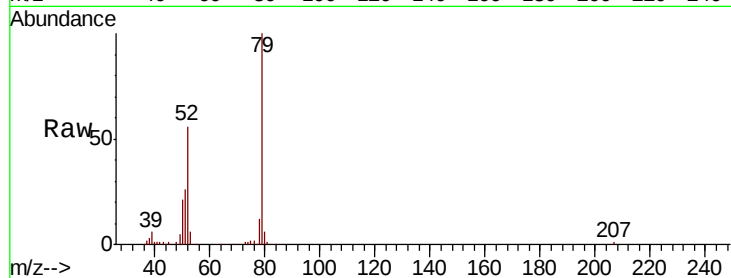
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	79	Resp:	268252
Ion Ratio	Lower	Upper	
79	100		
52	55.7	47.4	71.0
51	25.9	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 29.728 ng

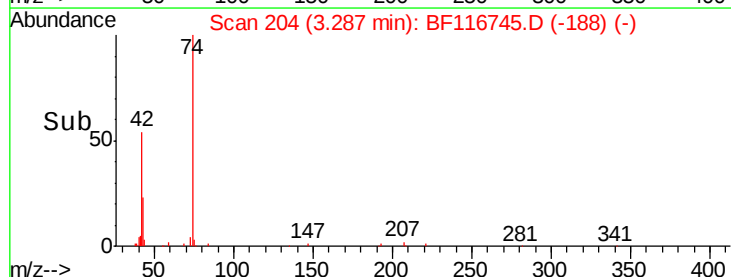
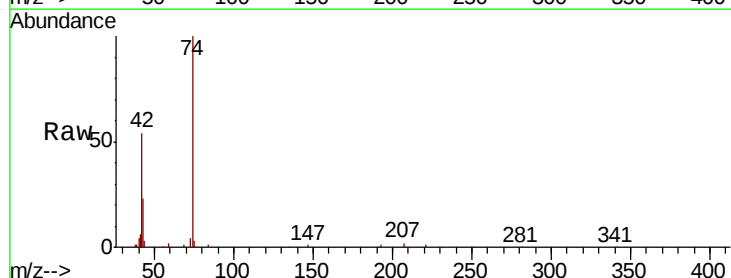
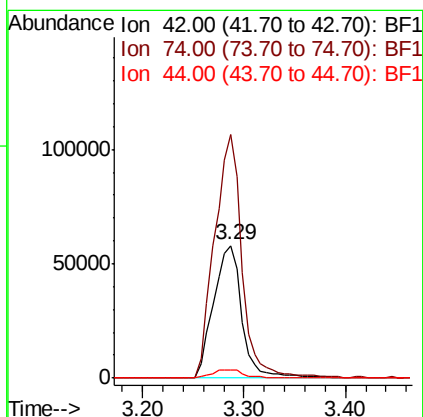
RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	42	Resp:	112709
Ion Ratio	Lower	Upper	
42	100		
74	183.6	115.6	173.4#
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 114.463 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

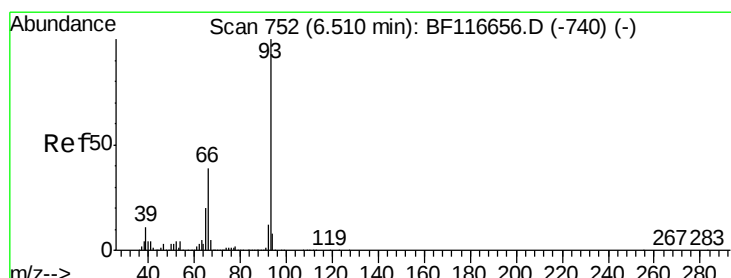
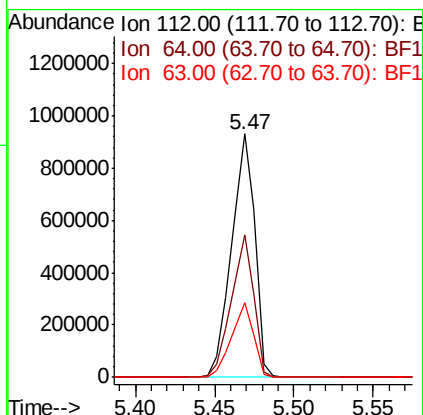
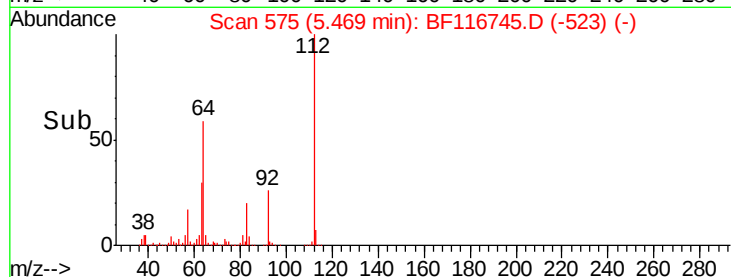
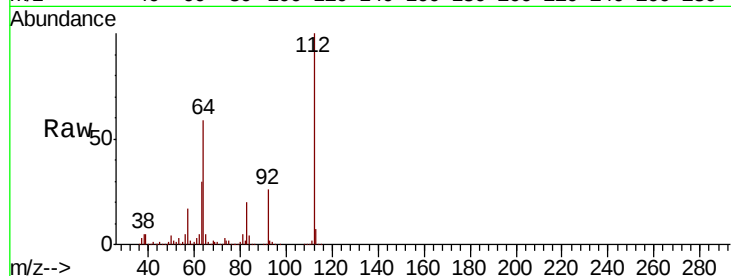
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		945505		
64	58.6	47.1	70.7		
63	30.4	24.9	37.3		

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#6

Aniline

Concen: 25.082 ng

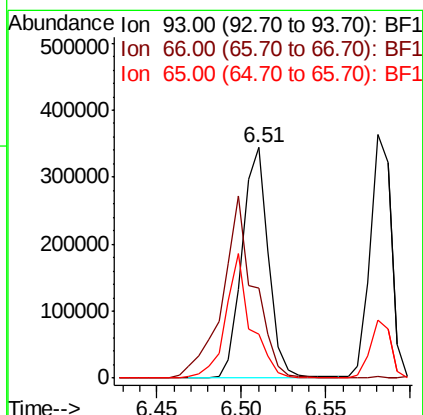
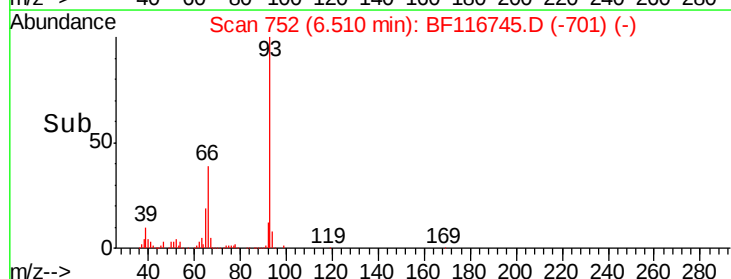
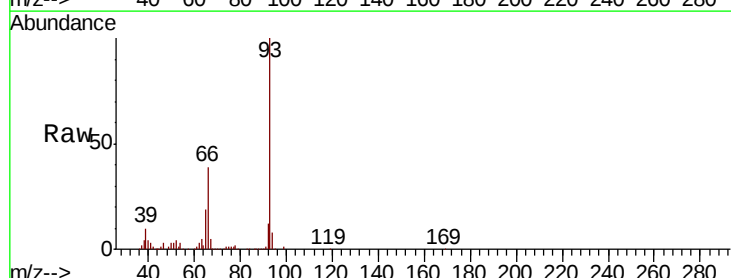
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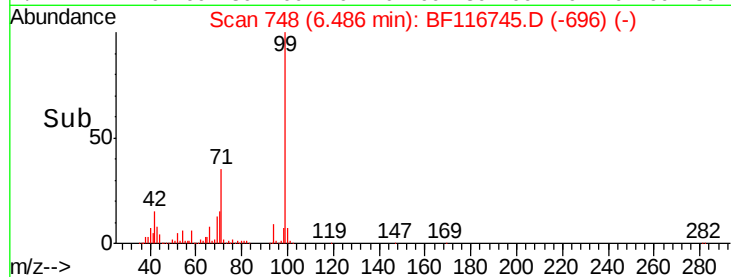
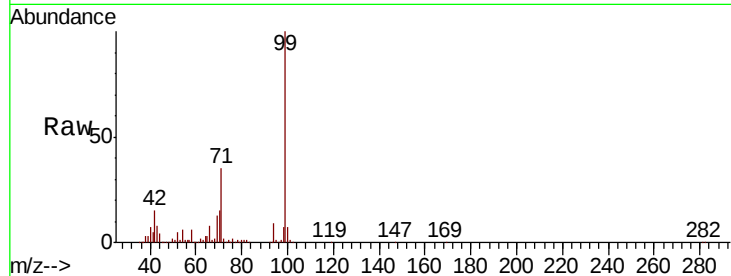
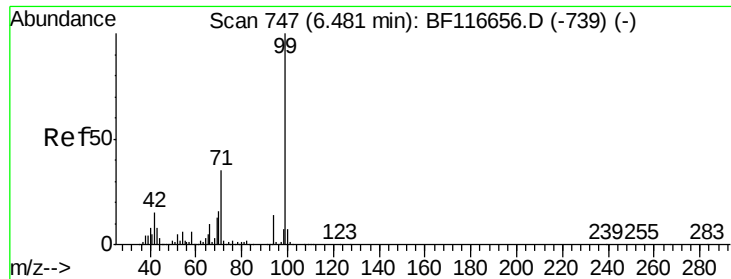
Delta R.T. 0.00 min

Lab File: BF116745.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		376816		
66	39.4	32.7	49.1		
65	19.3	16.3	24.5		





#7

Phenol-d6

Concen: 120.847 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tot Ion:	99	Resp:	1310803
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	34.5	30.8	46.2

Instrument :

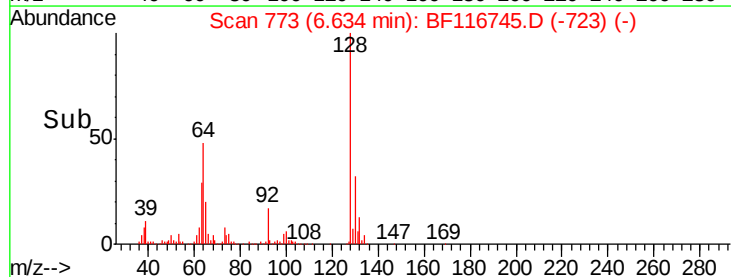
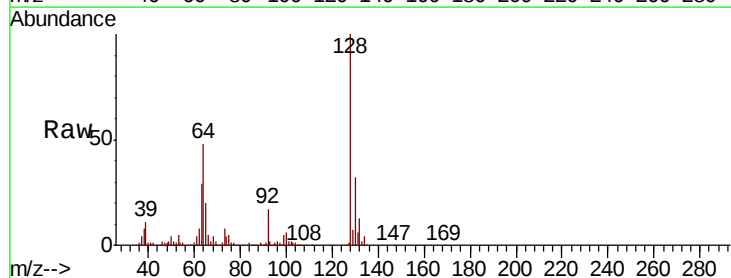
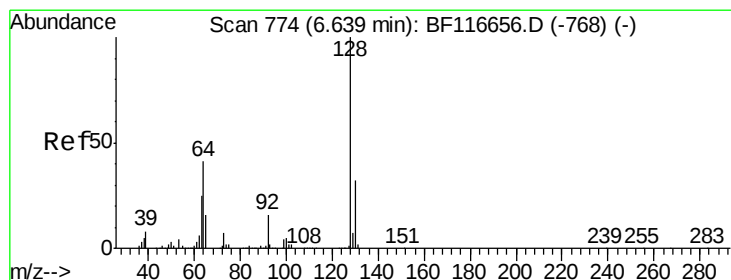
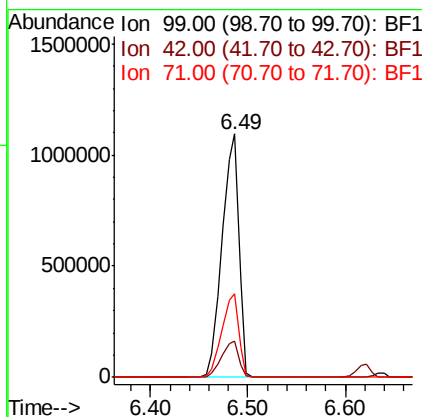
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#8

2-Chlorophenol

Concen: 35.626 ng

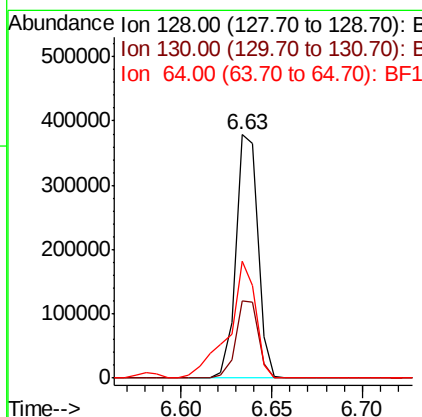
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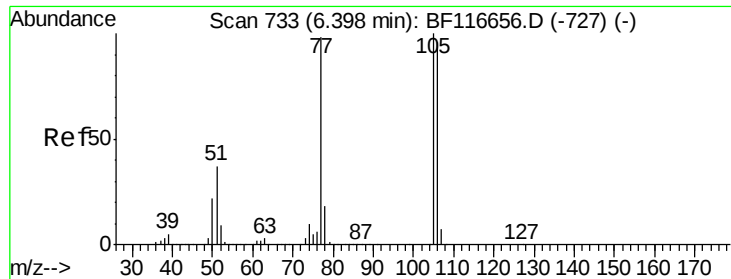
Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	128	Resp:	321255
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.3	52.3
64	48.0	22.5	62.5





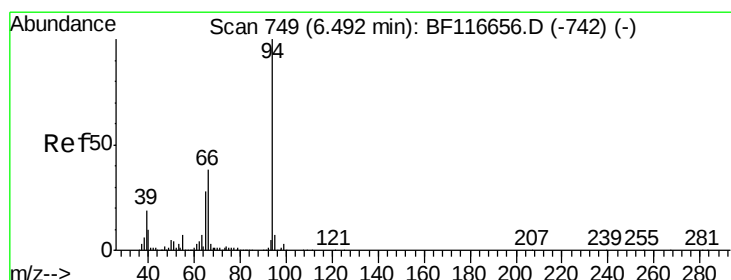
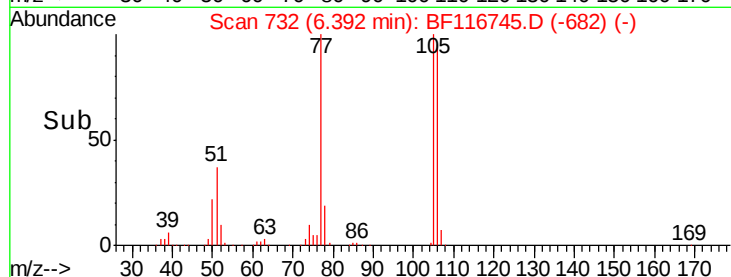
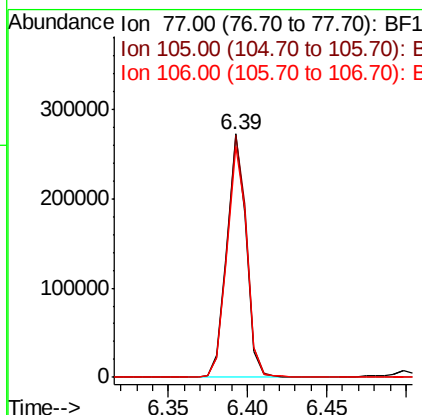
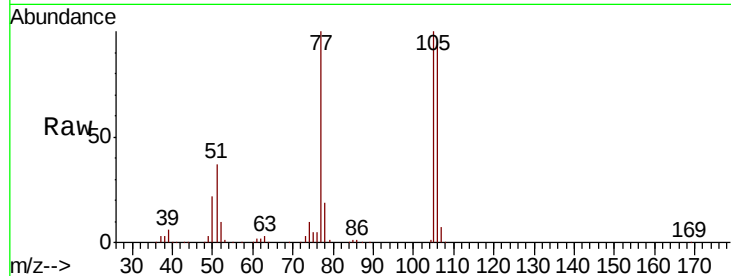
#9
Benzaldehyde
Concen: 32.204 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	76.7	116.7
106	94.9	73.1	113.1

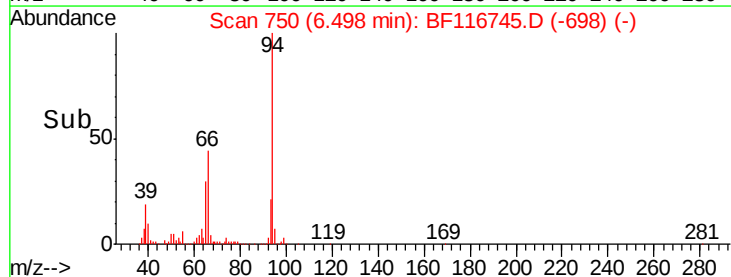
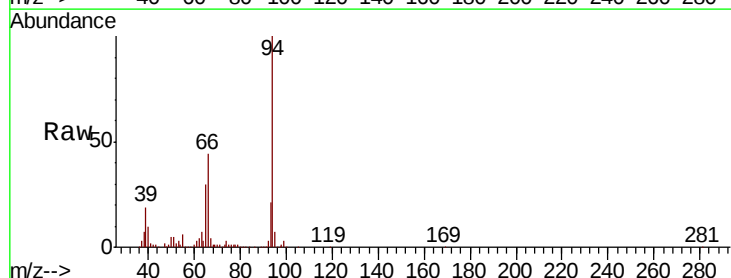
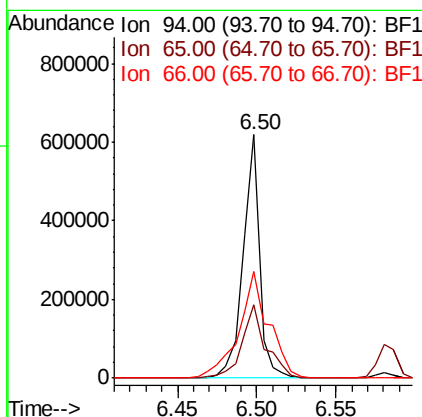
Manual Integrations
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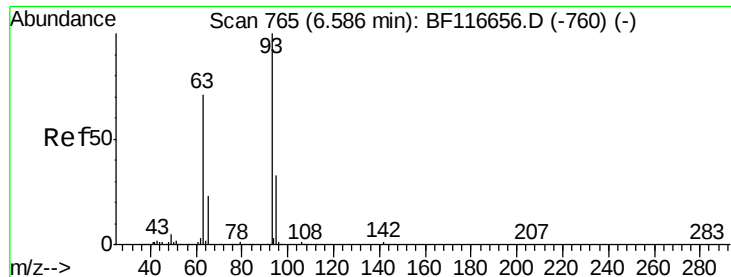
mohammad
9/5/2019 9:54:28 AM



#10
Phenol
Concen: 37.068 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.8	50.8
66	44.0	21.1	61.1





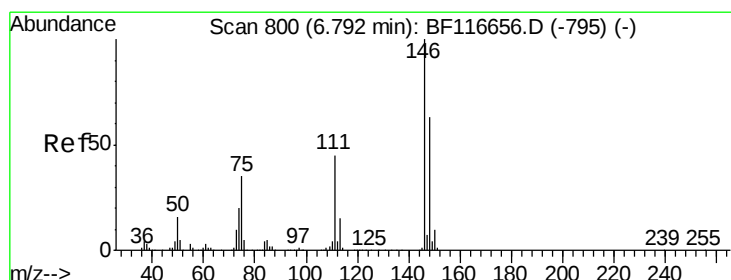
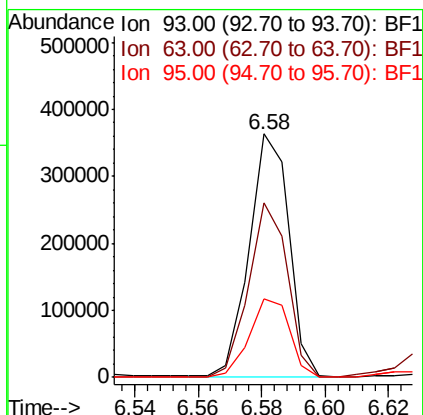
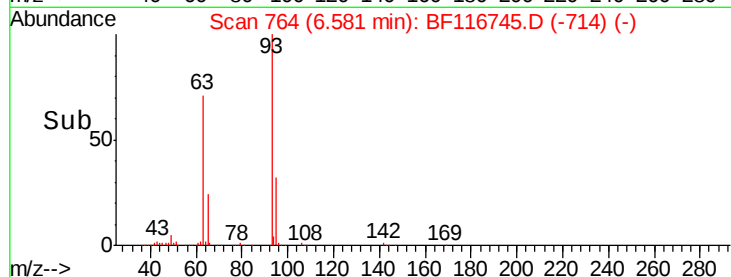
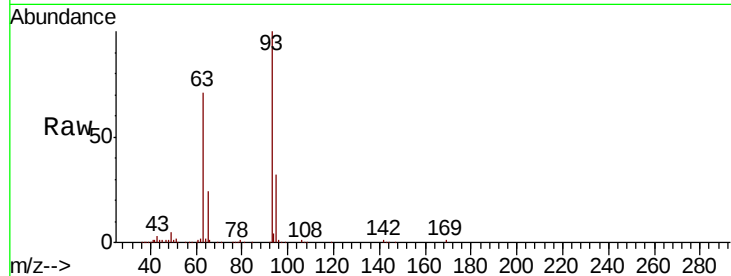
#11
bis(2-Chloroethyl)ether
Concen: 33.850 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.9	89.9
95	32.2	12.7	52.7

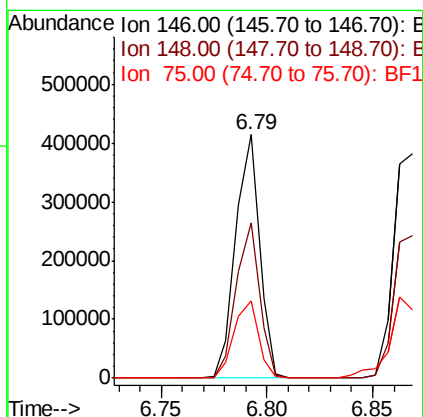
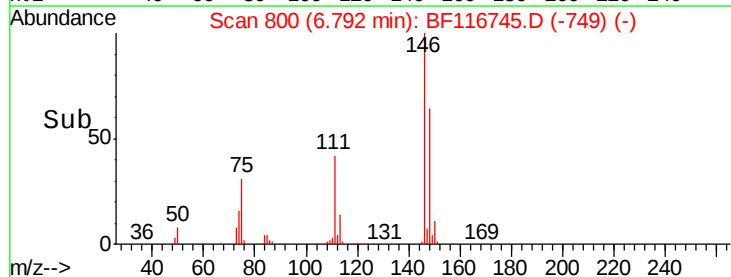
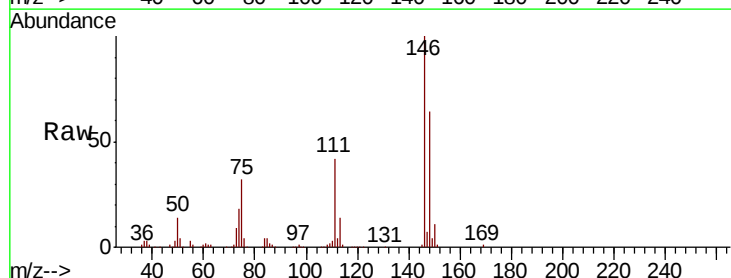
Manual Integrations
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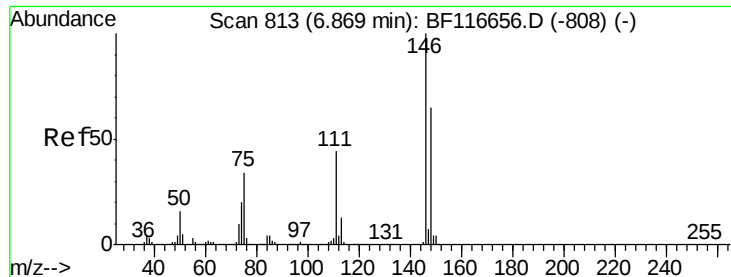
mohammad
9/5/2019 9:54:28 AM



#12
1,3-Dichlorobenzene
Concen: 31.882 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	31.6	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 32.613 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

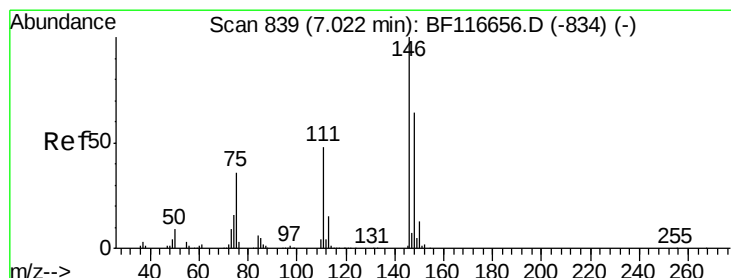
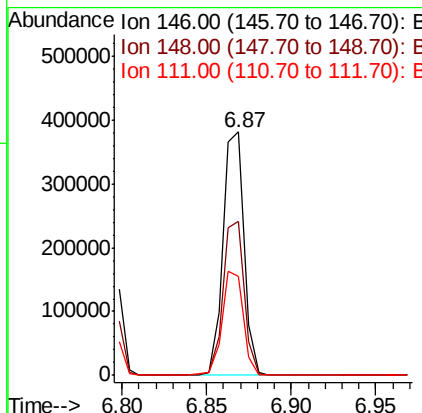
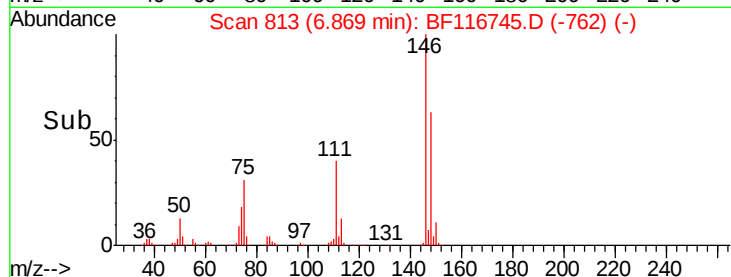
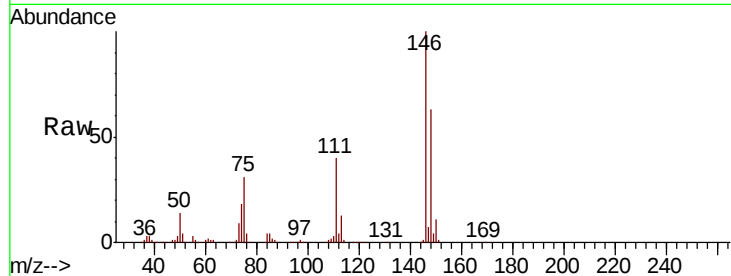
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	146	Resp:	330907
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
111	40.4	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 32.968 ng

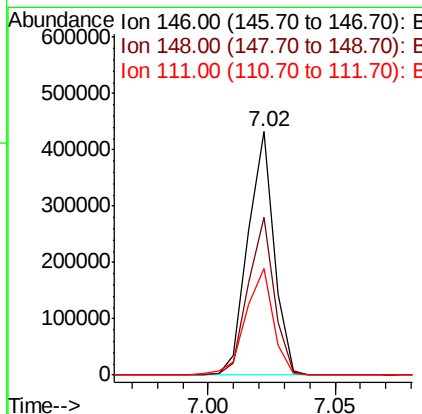
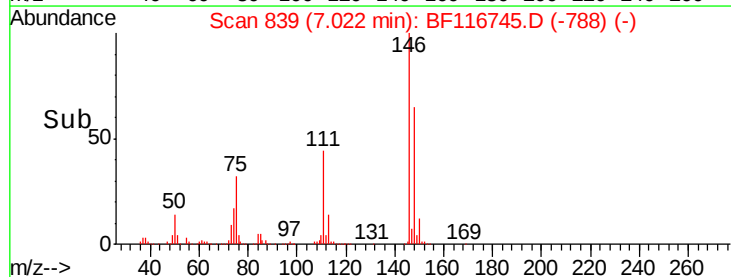
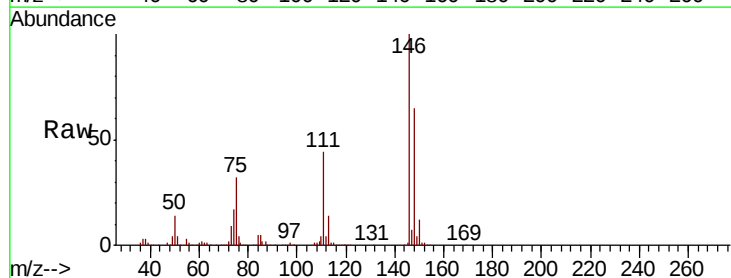
RT: 7.02 min Scan# 839

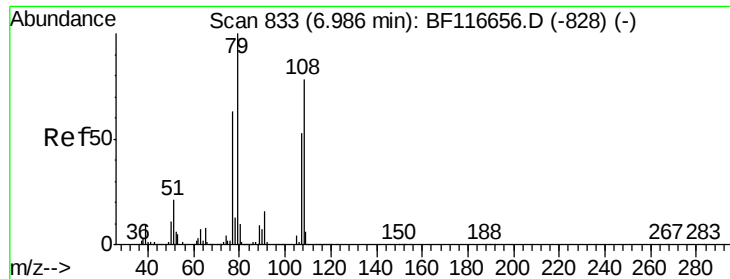
Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	146	Resp:	309992
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	78.8
111	43.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 34.310 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

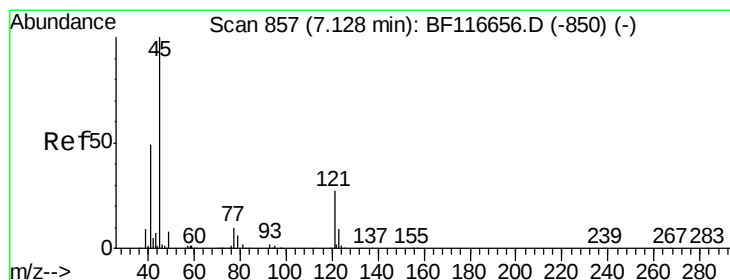
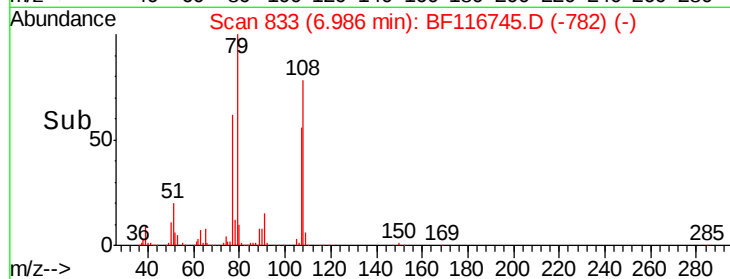
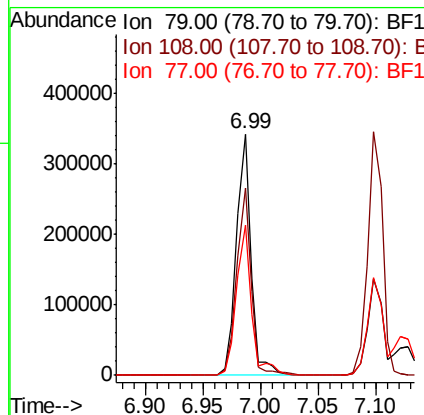
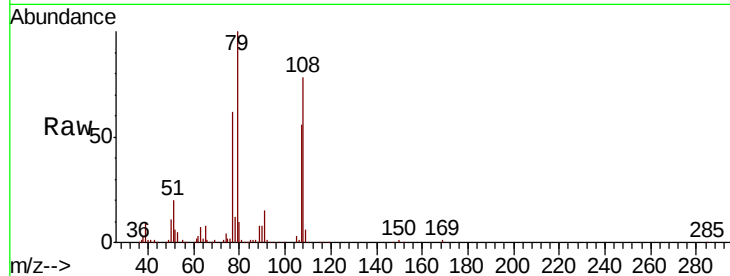
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	79	Resp:	302088
Ion Ratio	Lower	Upper	
79	100		
108	77.6	59.2	88.8
77	62.4	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.357 ng

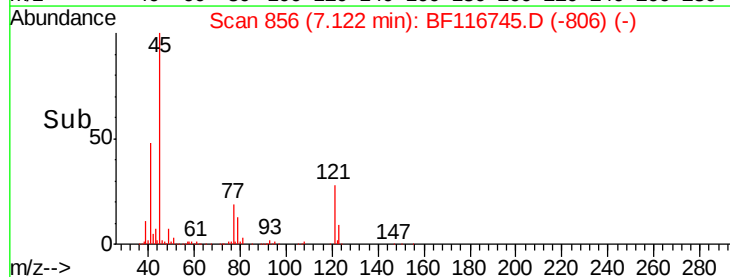
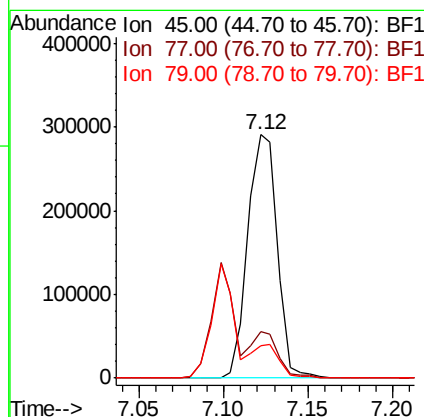
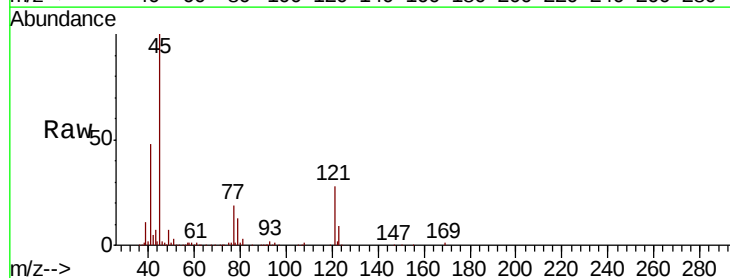
RT: 7.12 min Scan# 856

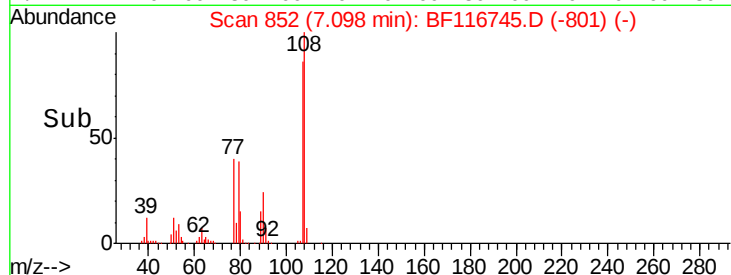
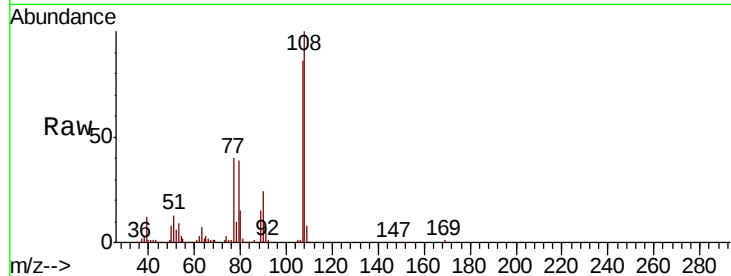
Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	45	Resp:	355041
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	38.2
79	13.4	0.0	33.9





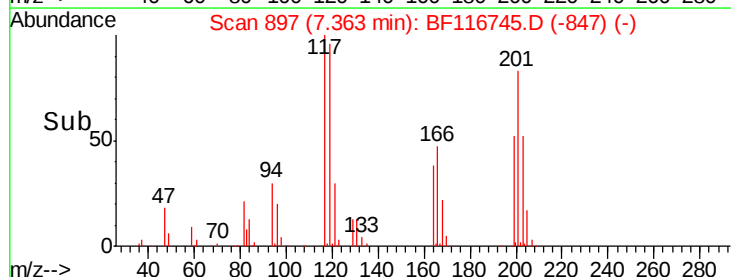
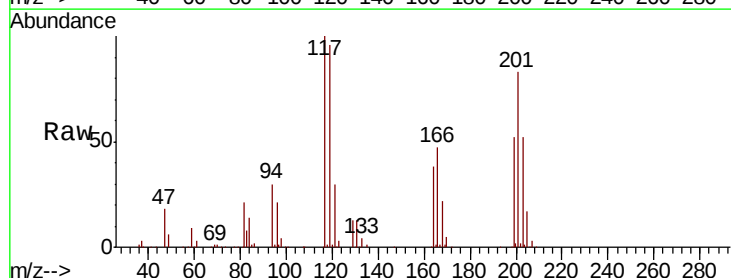
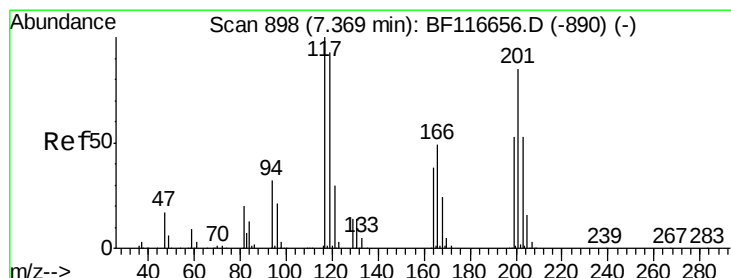
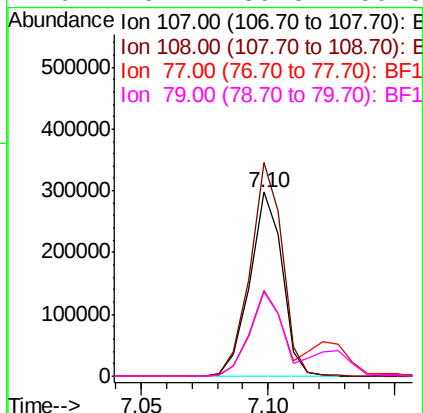
#17
2-Methylphenol
Concen: 33.776 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tot Ion	107	Resp	266623
Ion Ratio	Lower	Upper	
107	100		
108	116.0	88.3	132.5
77	46.4	39.9	59.9
79	45.7	39.8	59.8

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

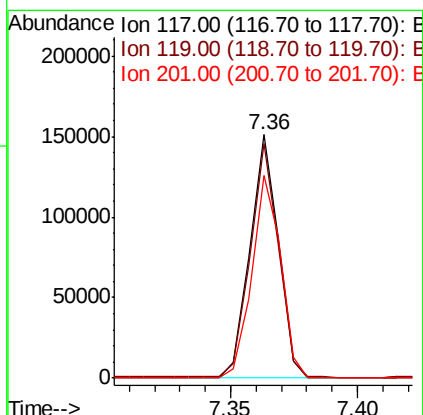
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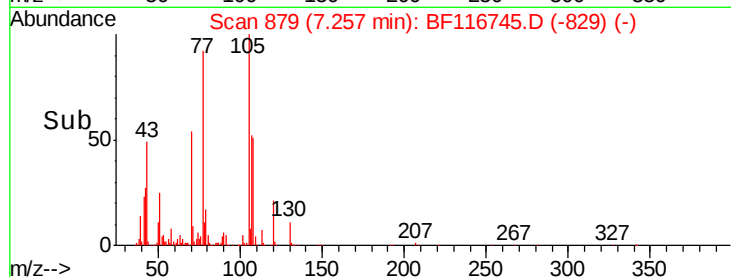
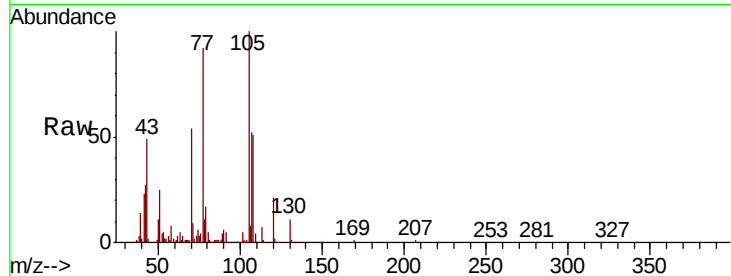
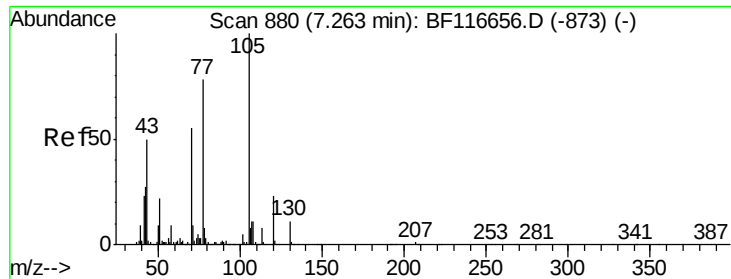
mohammad
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#18
Hexachloroethane
Concen: 29.917 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	117	Resp	117937
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.9	115.3
201	83.5	79.4	119.0





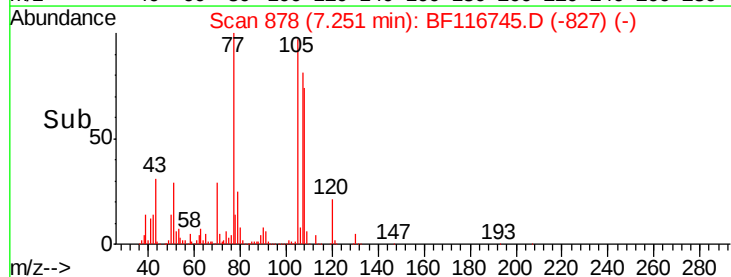
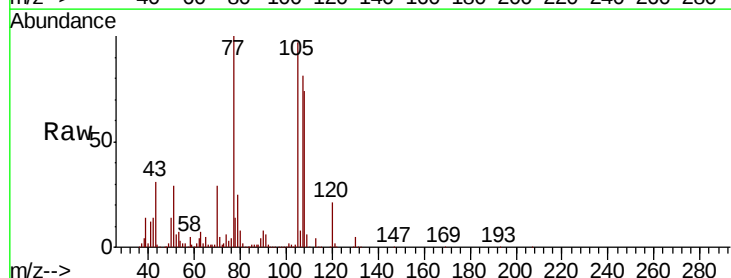
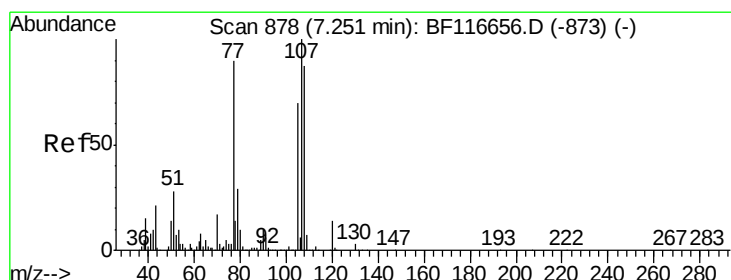
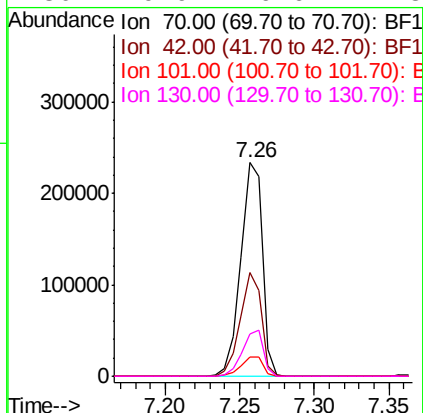
#19
n-Nitroso-di-n-propylamine
Concen: 33.042 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	43.5	65.3
101	9.0	7.8	11.6
130	19.9	16.6	24.8

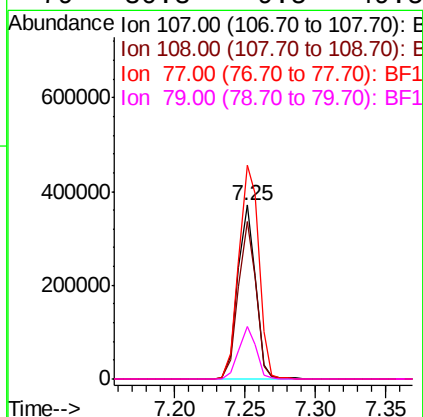
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#20
3+4-Methylphenols
Concen: 35.821 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	65.5	105.5
77	123.0	69.4	109.4#
79	30.3	9.5	49.5





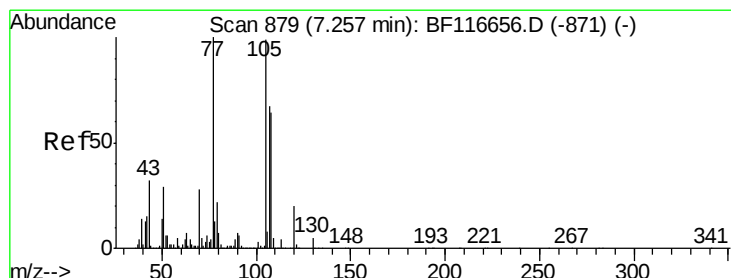
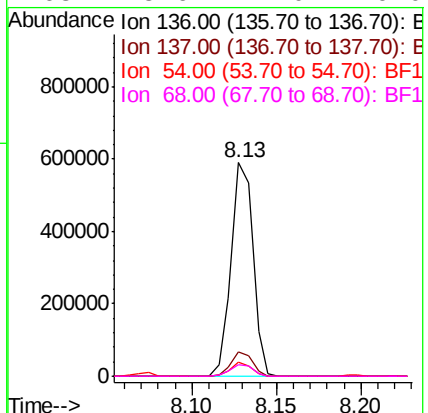
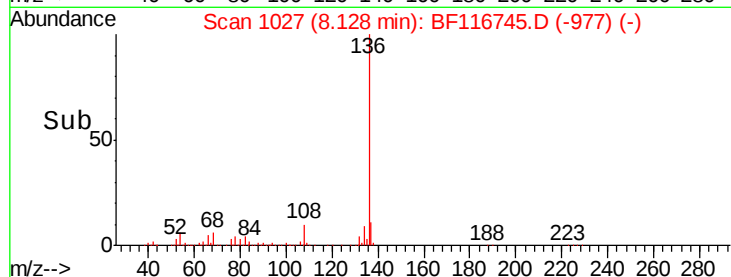
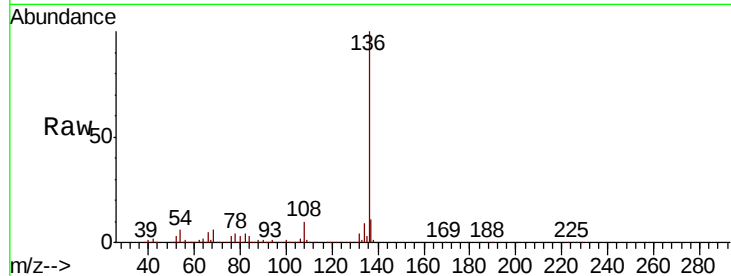
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531263		
137	11.2	8.9	13.3	
54	6.4	4.8	7.2	
68	5.6	4.0	6.0	

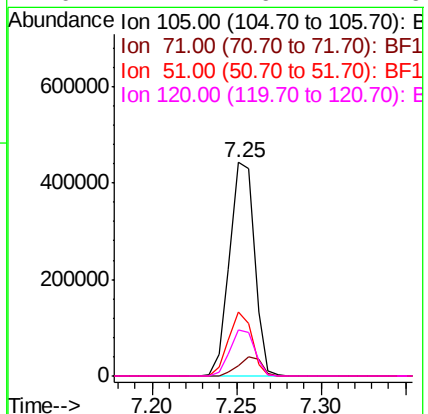
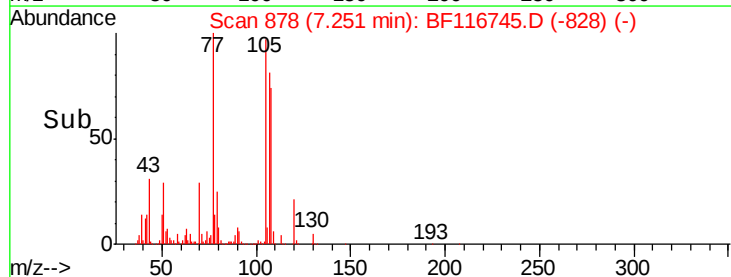
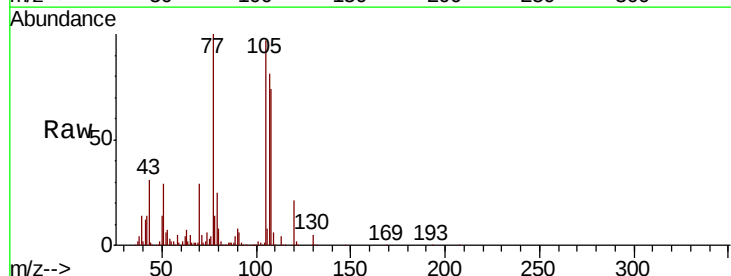
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#22
Acetophenone
Concen: 35.543 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	454599		
71	4.8	4.2	6.4	
51	30.2	25.8	38.8	
120	21.4	16.4	24.6	





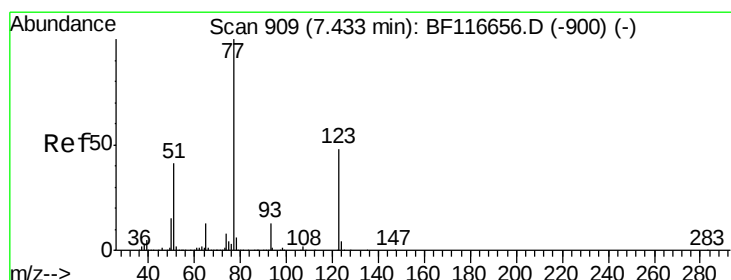
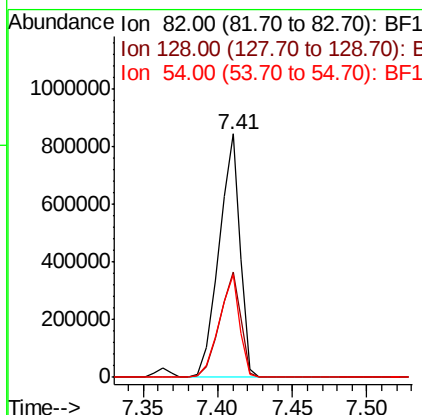
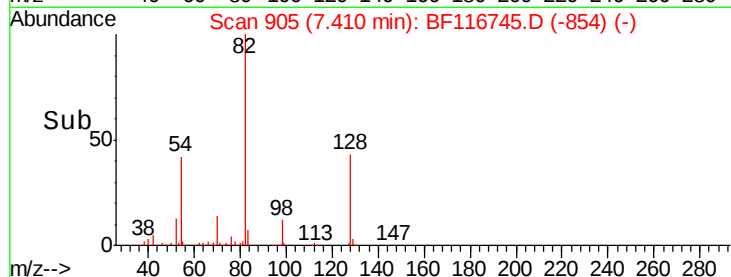
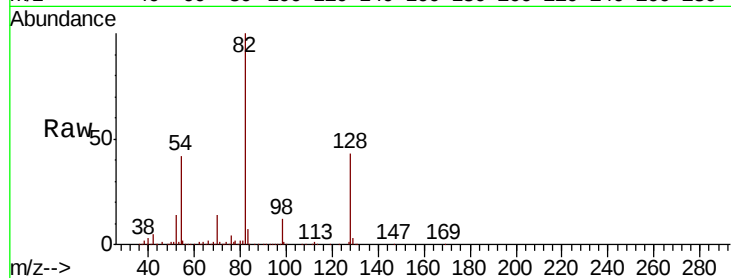
#23
 Nitrobenzene-d5
 Concen: 89.863 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.8	49.2
54	42.0	36.9	55.3

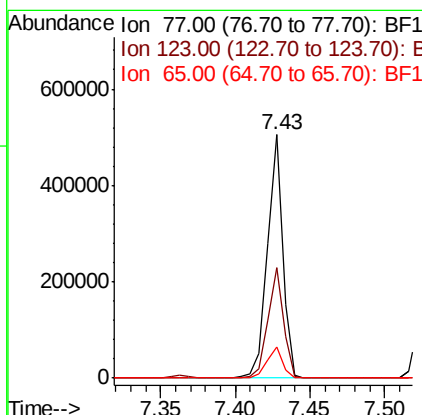
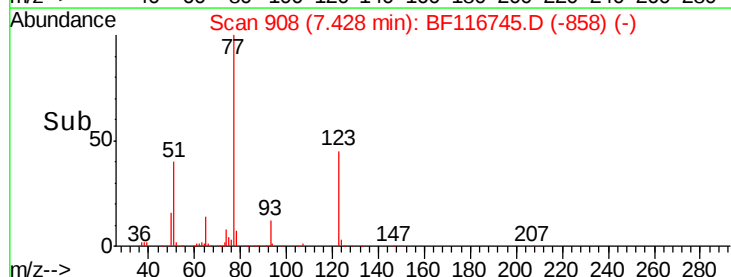
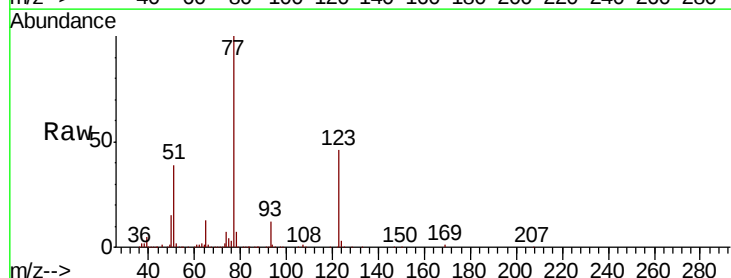
Manual Integrations
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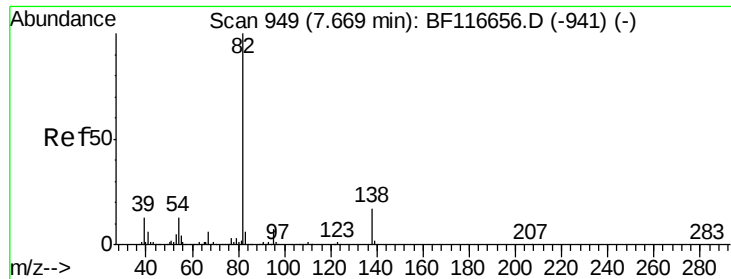
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#24
 Nitrobenzene
 Concen: 37.681 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.1	49.7
65	13.0	10.6	15.8





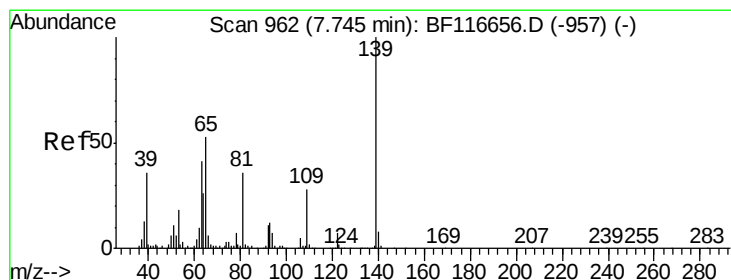
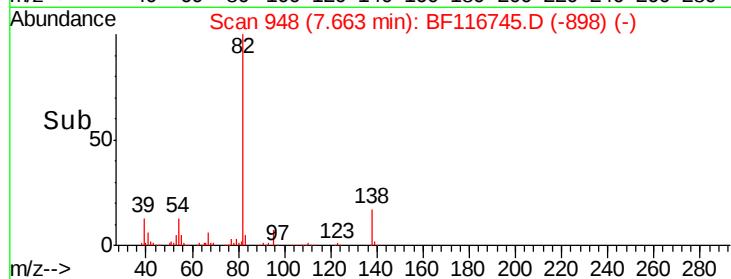
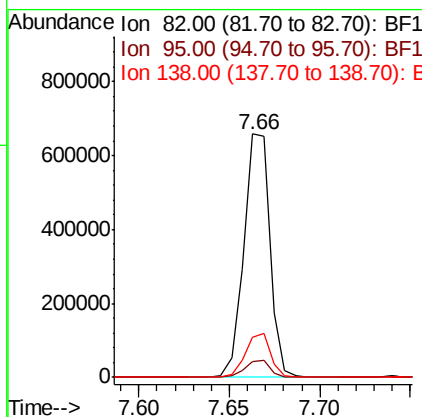
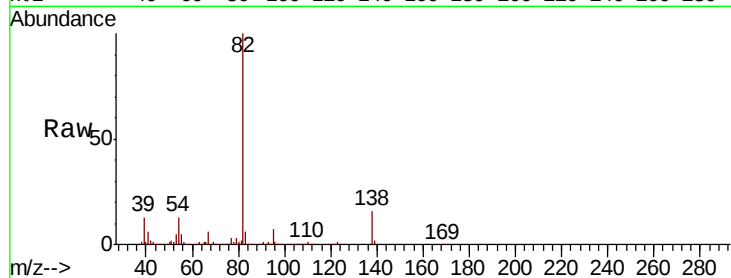
#25
Isophorone
Concen: 34.907 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	658251		
95	6.7		5.8	8.6
138	16.5		13.5	20.3

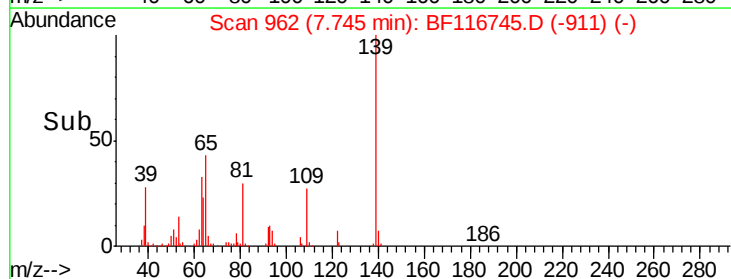
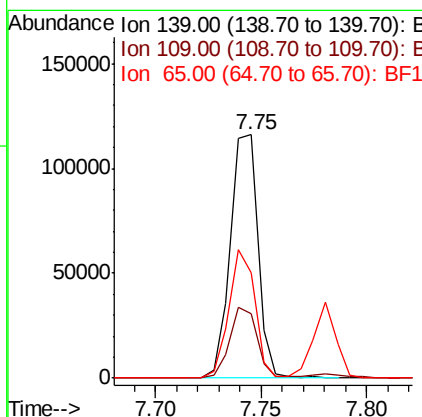
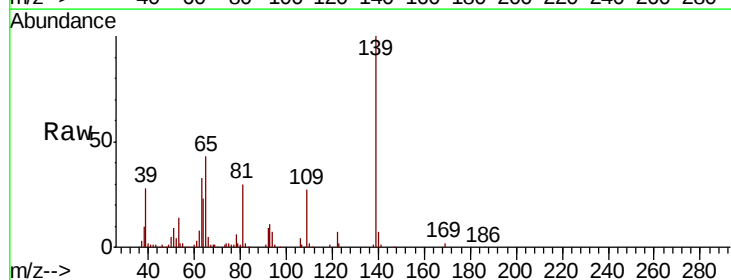
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#26
2-Nitrophenol
Concen: 29.729 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104610		
109	26.6		27.1	40.7#
65	43.2		43.0	64.6





#27

2,4-Dimethylphenol

Concen: 39.711 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

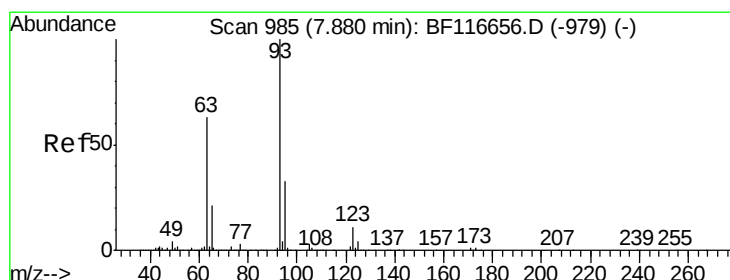
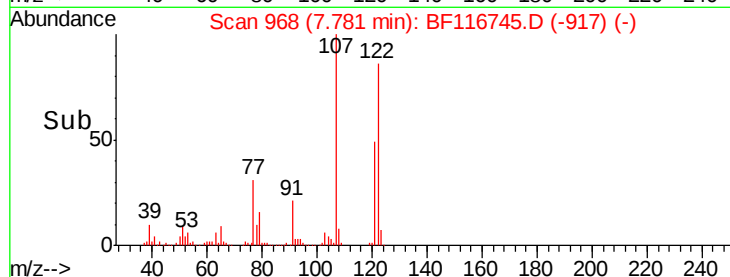
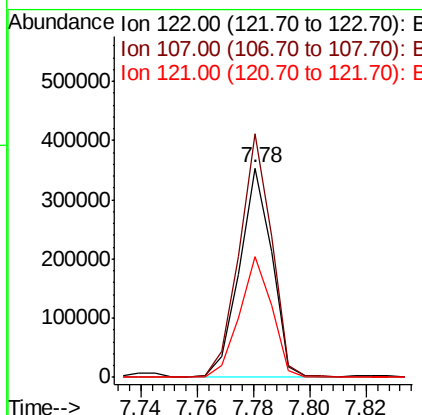
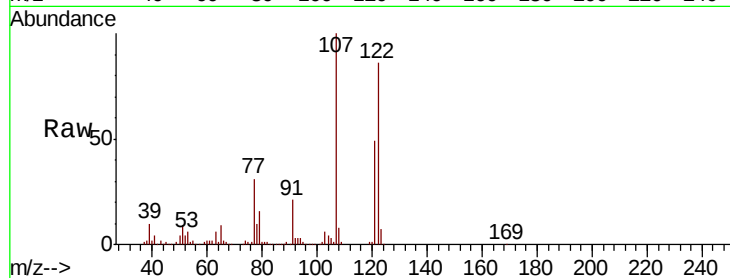
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	122	Resp:	282213
Ion Ratio	Lower	Upper	
122	100		
107	116.4	98.1	147.1
121	57.4	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 35.105 ng

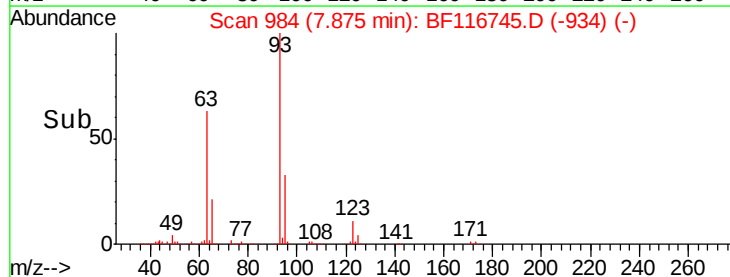
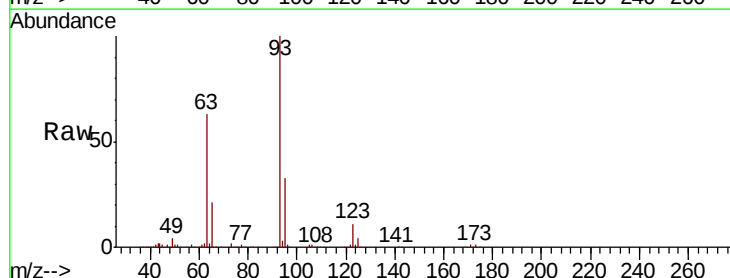
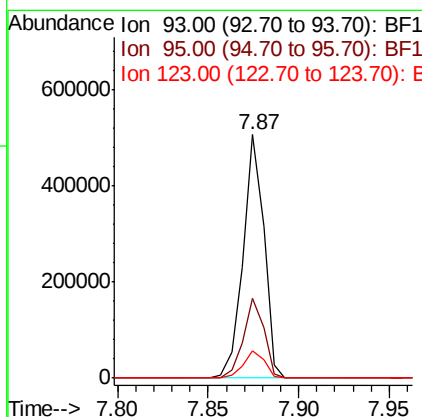
RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116745.D

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Tgt Ion:	93	Resp:	404539
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.4	39.6
123	11.4	9.8	14.8





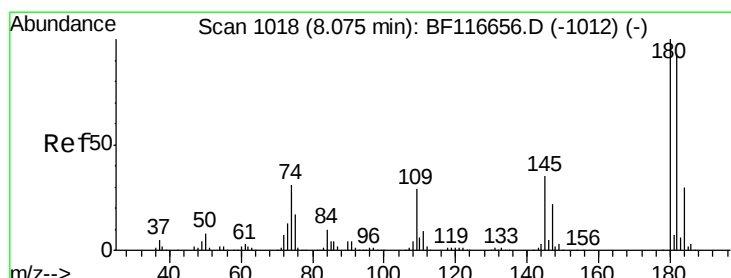
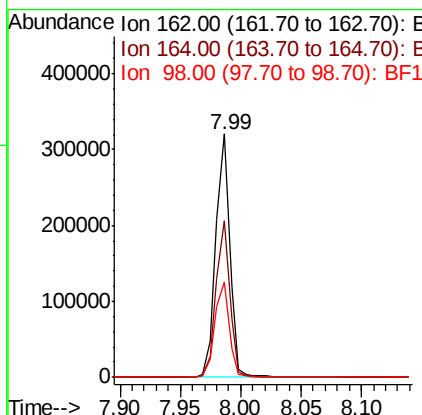
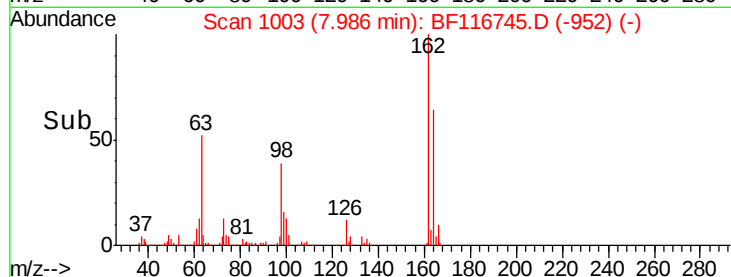
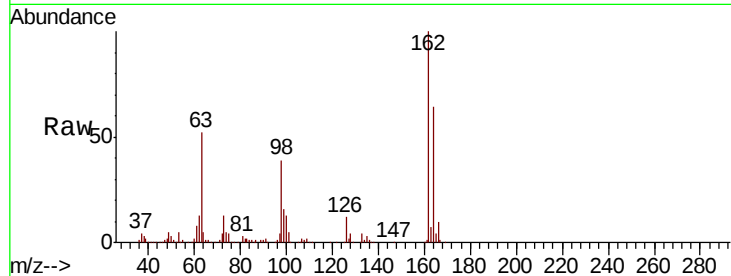
#29
2,4-Dichlorophenol
Concen: 37.609 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		256855		
164	64.5	43.4	83.4		
98	38.9	18.1	58.1		

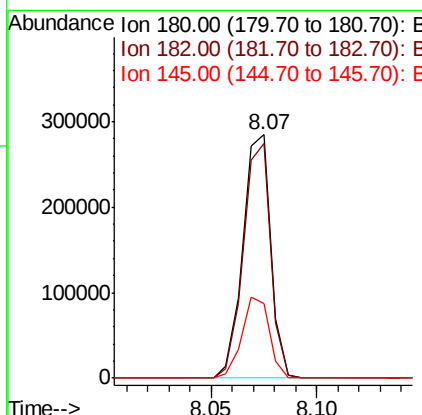
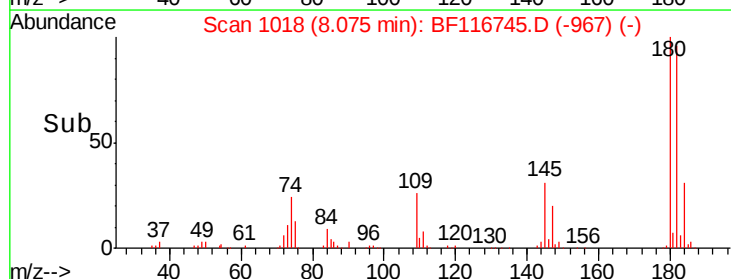
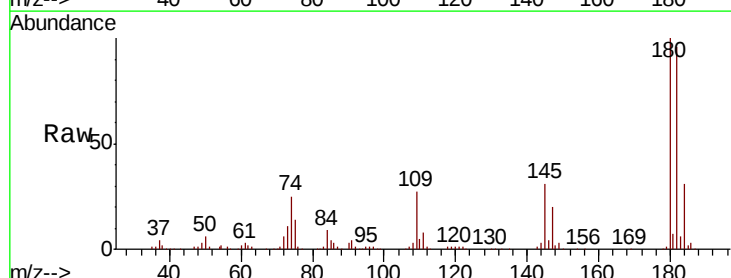
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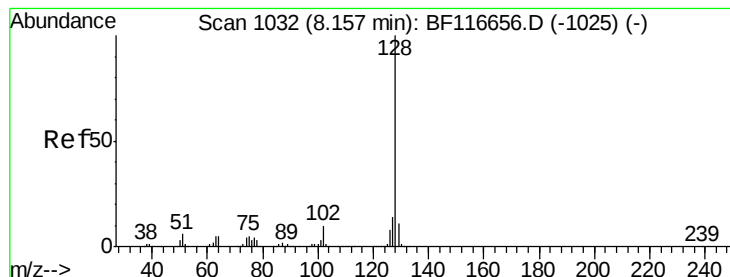
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#30
1,2,4-Trichlorobenzene
Concen: 35.148 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		260364		
182	96.5	78.6	118.0		
145	30.7	25.7	38.5		





#31

Naphthalene

Concen: 36.700 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

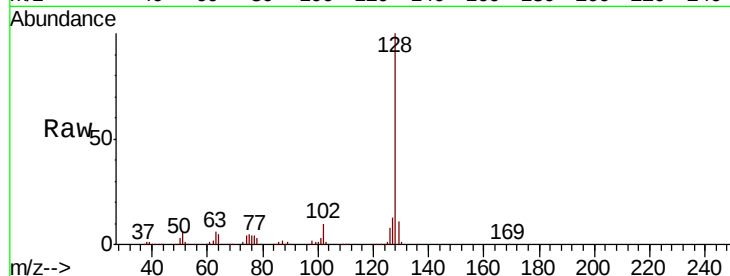
ClientSampleId :

T9-12-13-C-(0-1.9)MS

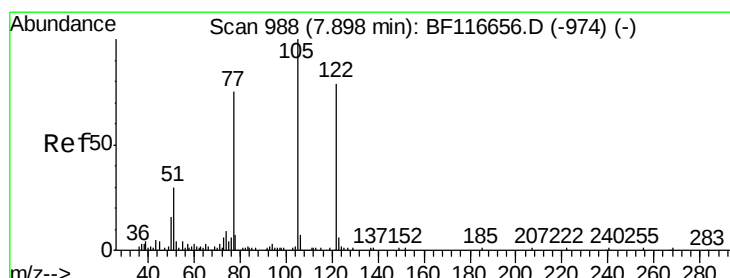
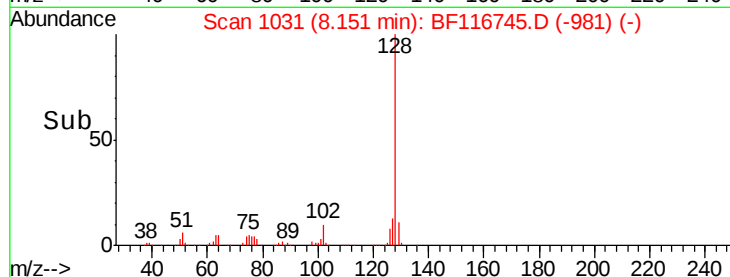
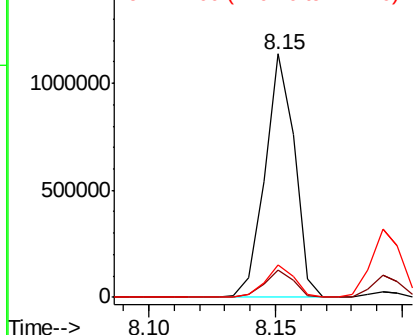
Tot Ion:	128	Resp:	927121
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	13.0
127	13.2	10.4	15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.525 ng m

RT: 7.87 min Scan# 983

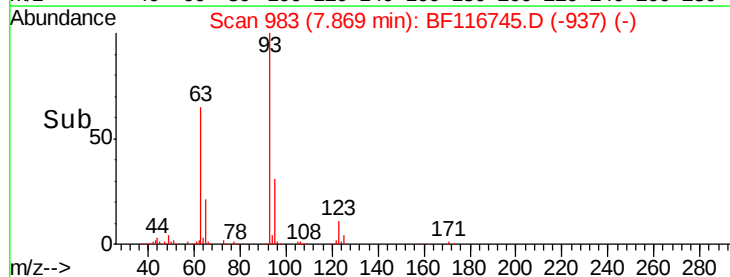
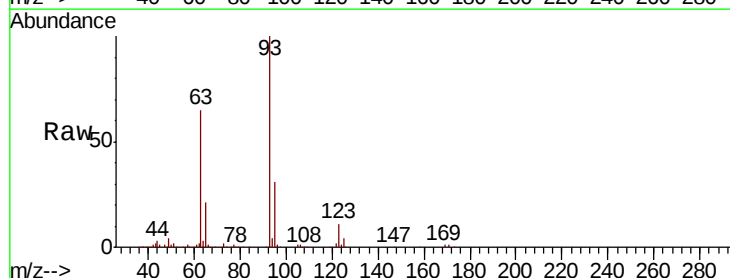
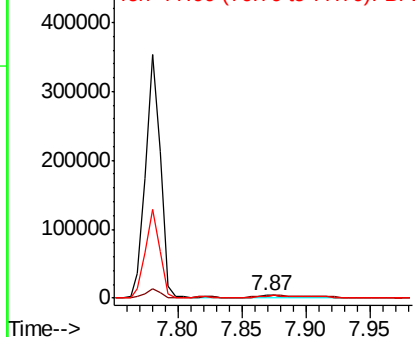
Delta R.T. -0.03 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	122	Resp:	14146
Ion Ratio	Lower	Upper	
122	100		
105	90.5	110.0	150.0#
77	86.1	81.7	121.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





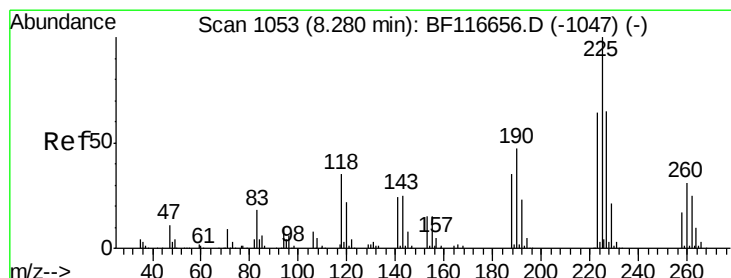
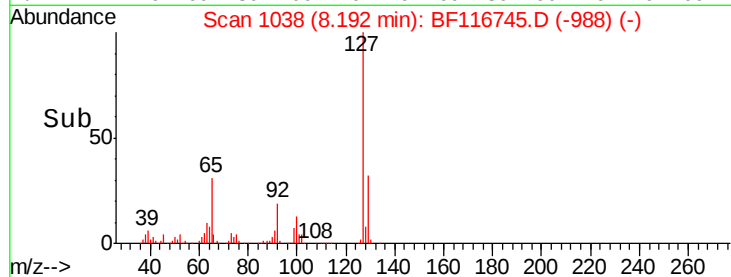
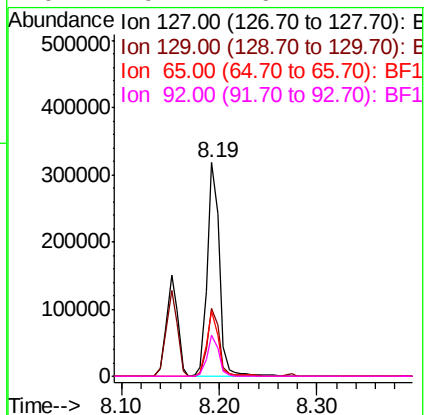
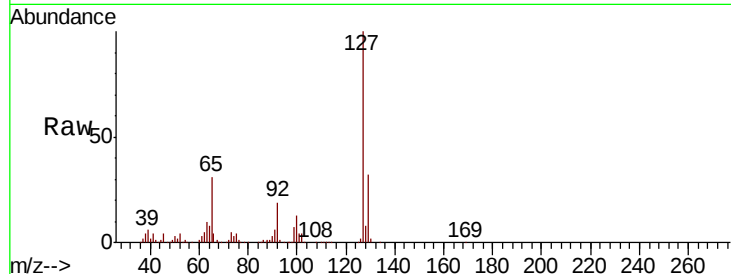
#33
 4-Chloroaniline
 Concen: 23.969 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	275622		
129	31.6	26.2	39.2	
65	30.7	26.0	39.0	
92	19.2	16.1	24.1	

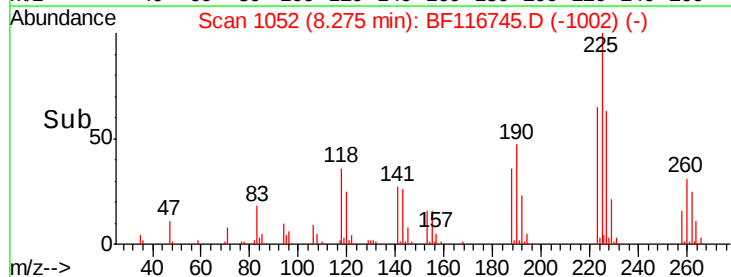
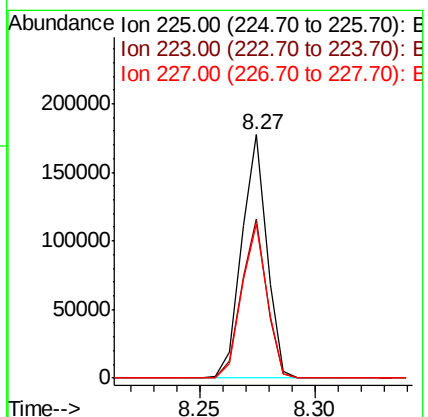
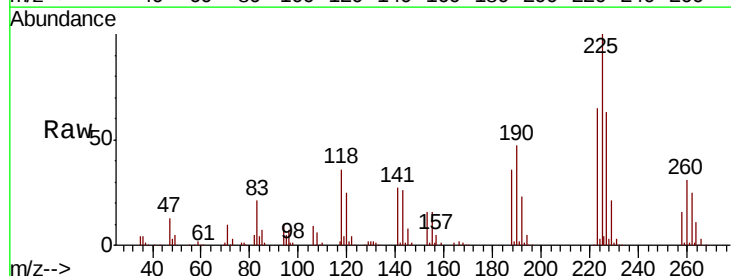
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#34
 Hexachlorobutadiene
 Concen: 33.482 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135234		
223	65.1	49.4	74.2	
227	63.2	51.0	76.4	





#35

Caprolactam

Concen: 34.498 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

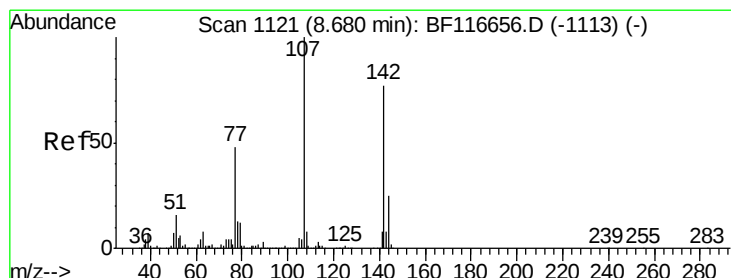
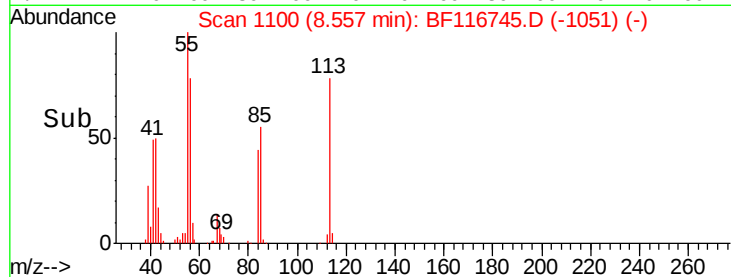
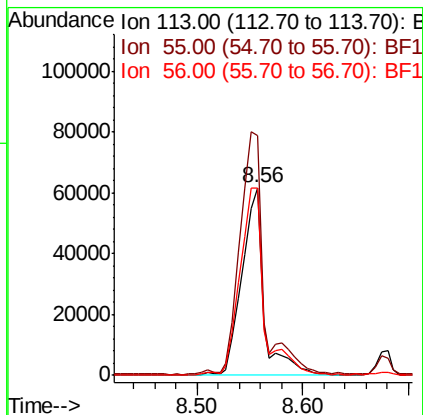
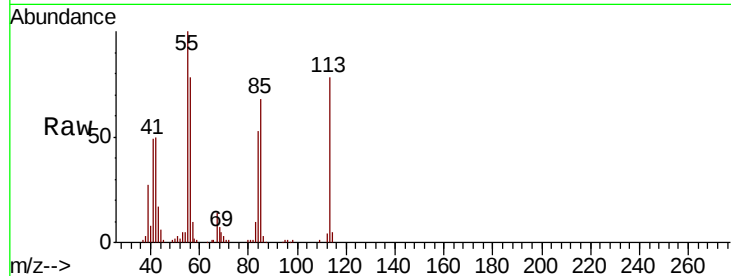
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	113	Resp:	88174
Ion	Ratio	Lower	Upper
113	100		
55	128.2	124.3	164.3
56	99.8	94.6	134.6

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#36

4-Chloro-3-methylphenol

Concen: 37.218 ng

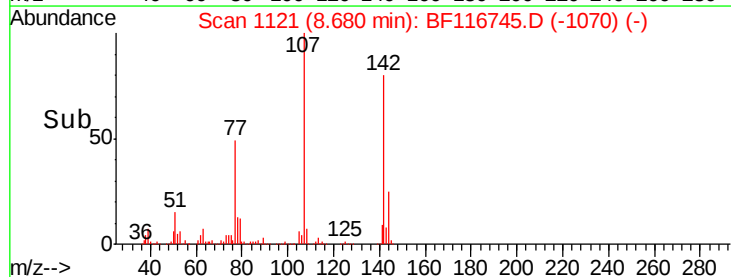
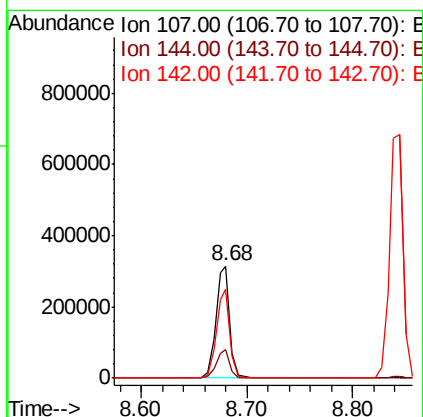
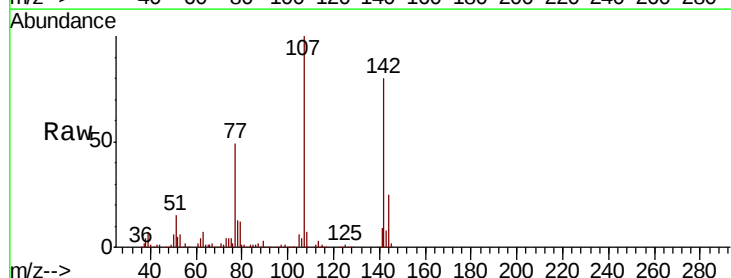
RT: 8.68 min Scan# 1121

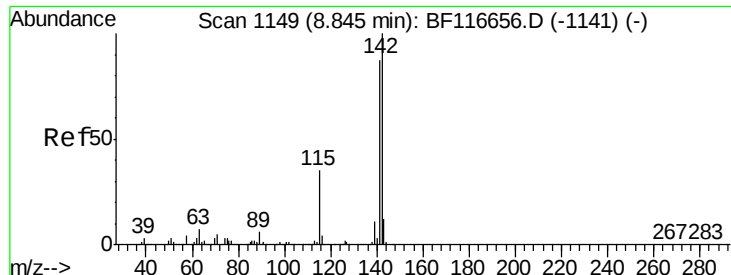
Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	107	Resp:	292140
Ion	Ratio	Lower	Upper
107	100		
144	25.1	18.6	27.8
142	79.9	58.5	87.7





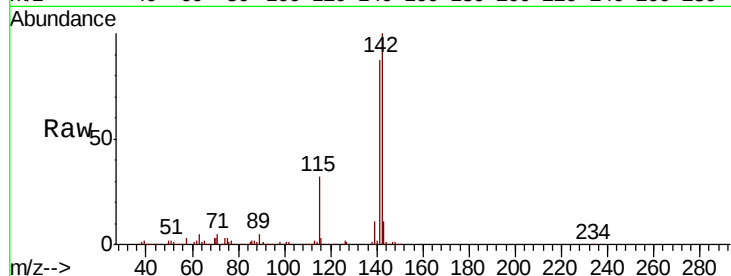
#37
2-Methylnaphthalene
Concen: 37.055 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	622833		
141	86.7		72.6	109.0
115	31.9		29.8	44.6

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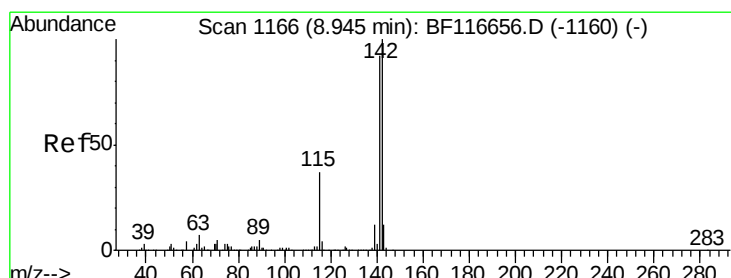
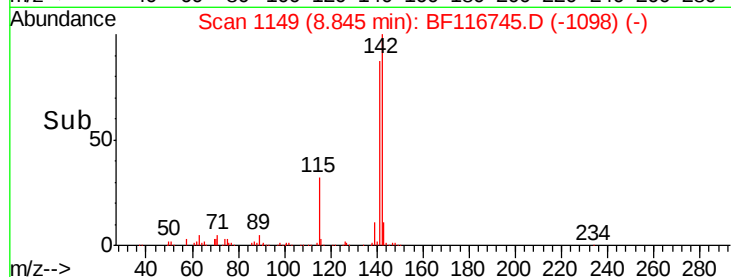
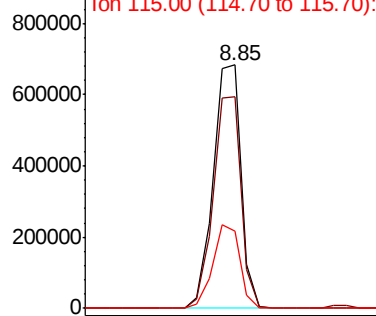


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.893 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

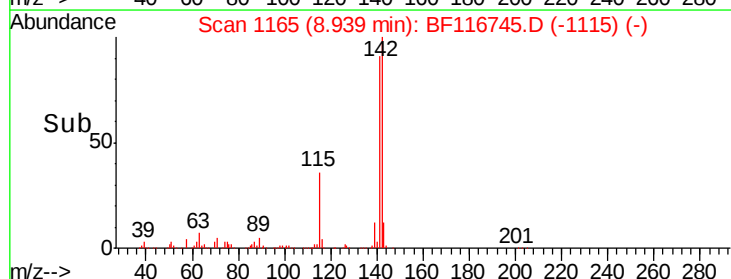
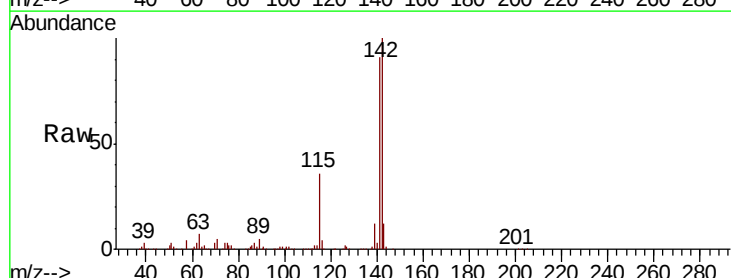
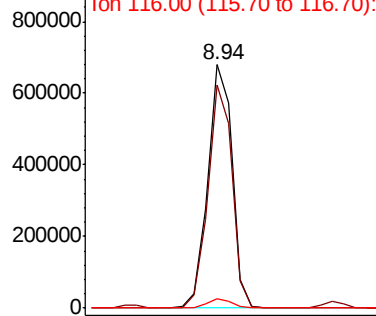
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	585369		
141	91.5		73.9	110.9
116	3.7		3.0	4.6

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





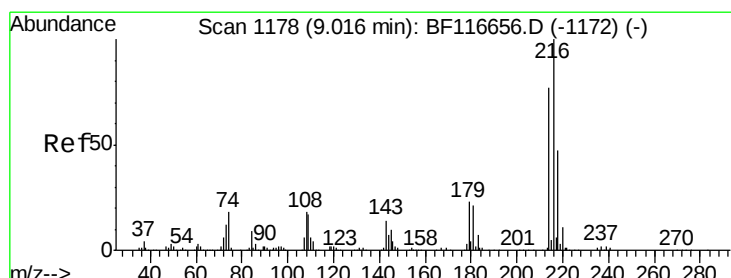
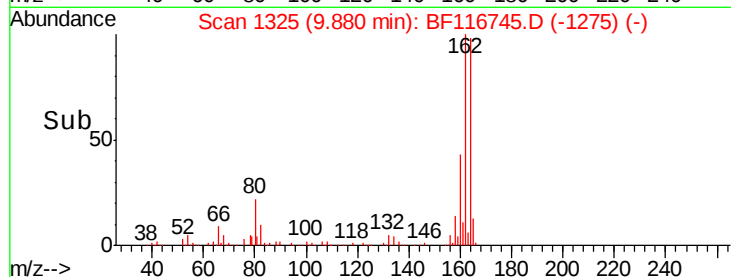
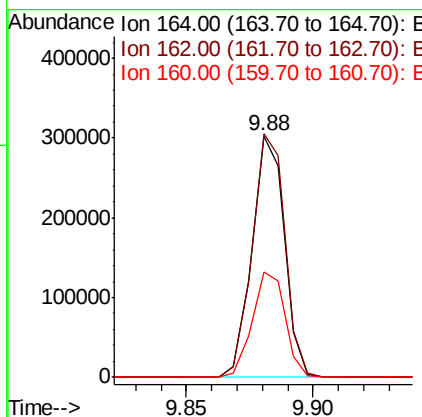
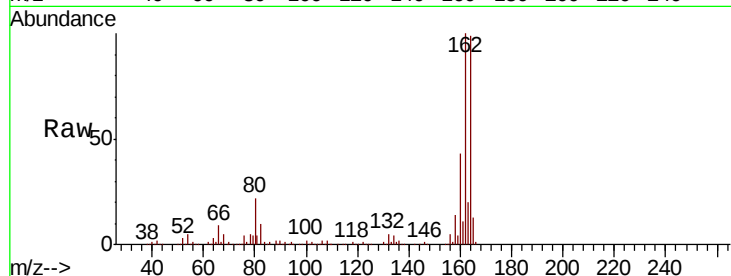
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	269420		
162	101.0		81.4	122.0
160	43.7		35.4	53.2

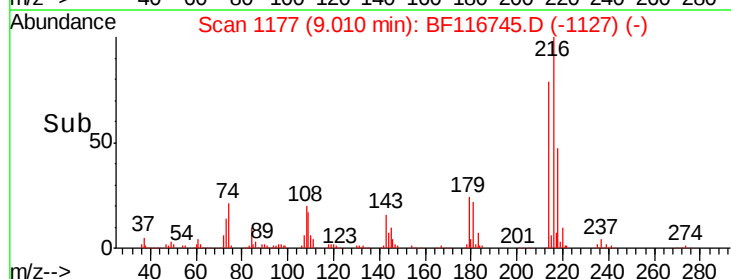
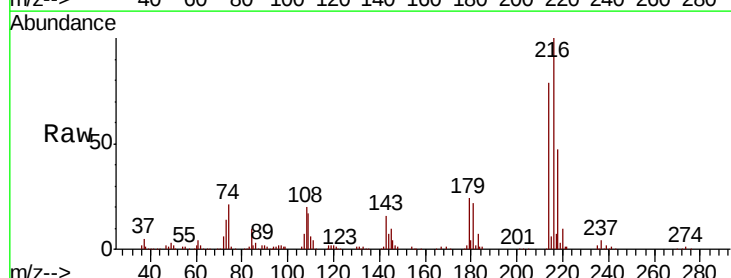
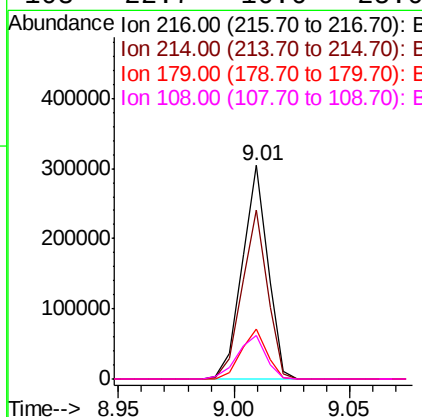
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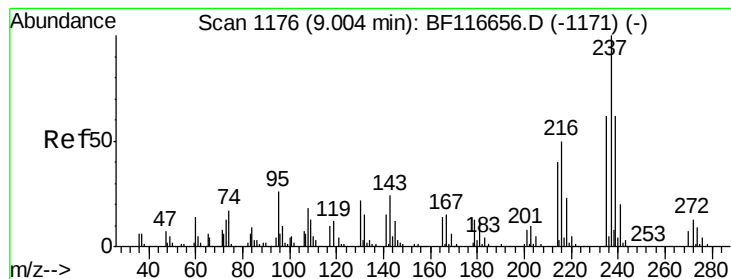
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.620 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	236513		
214	78.2		62.7	94.1
179	23.3		19.3	28.9
108	22.7		16.6	25.0





#41

Hexachlorocyclopentadiene

Concen: 24.196 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

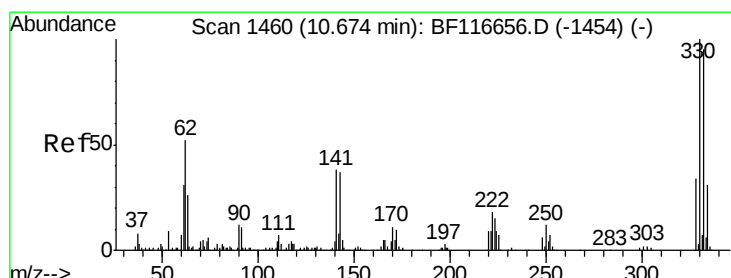
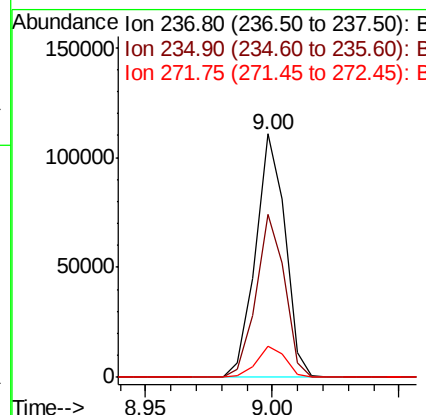
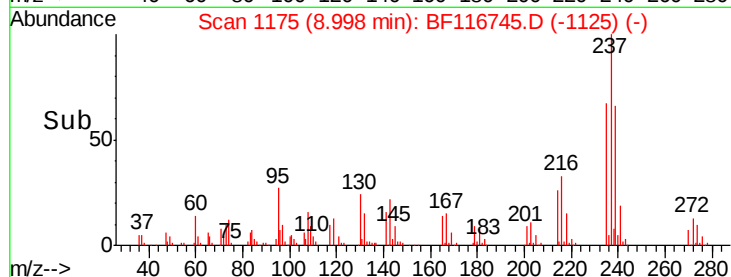
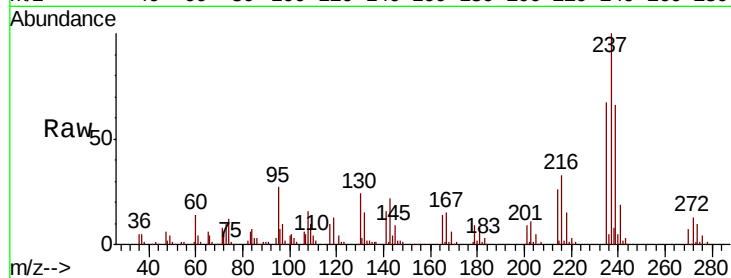
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	237	Resp:	90239
Ion Ratio	Lower	Upper	
237	100		
235	66.9	41.4	81.4
272	12.9	0.0	32.8

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#42

2,4,6-Tribromophenol

Concen: 126.165 ng

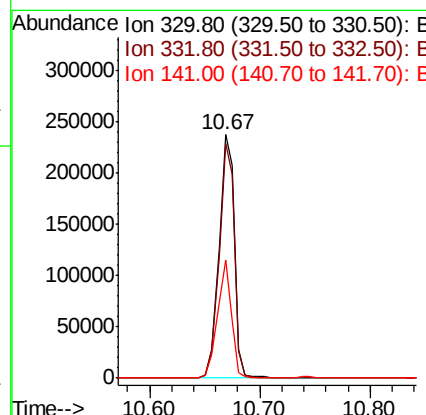
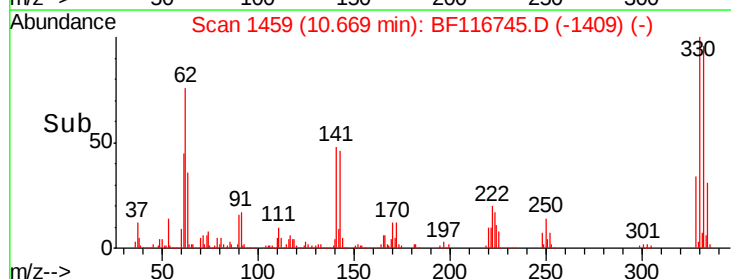
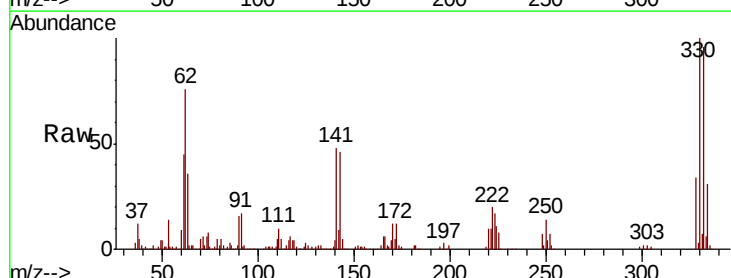
RT: 10.67 min Scan# 1459

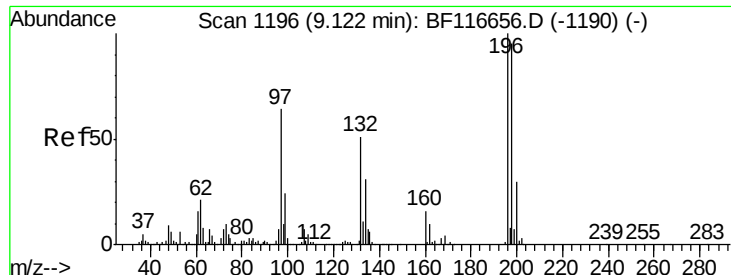
Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	330	Resp:	227240
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.9	115.3
141	43.8	31.4	47.2





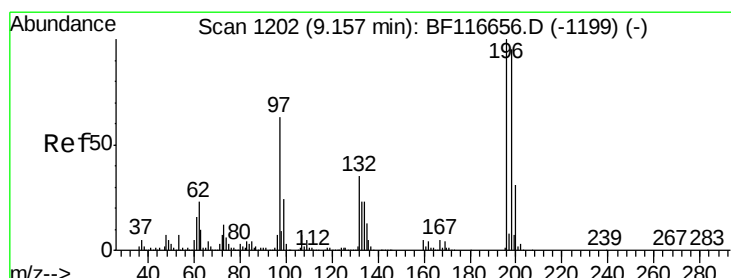
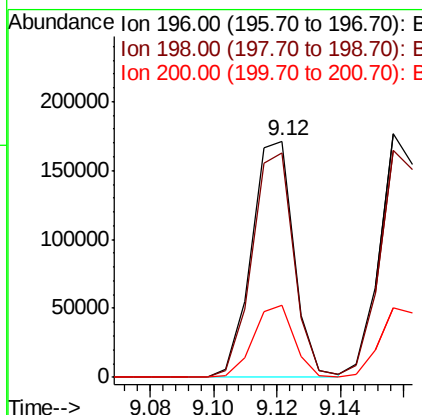
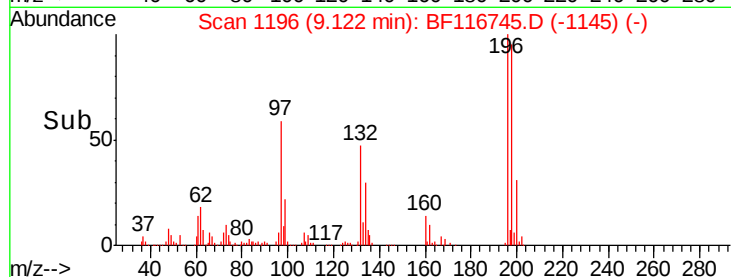
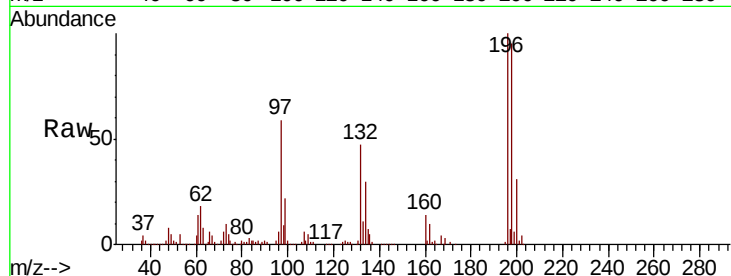
#43
2,4,6-Trichlorophenol
Concen: 35.971 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion:	196	Resp:	159254
Ion Ratio	Lower	Upper	
196	100		
198	95.1	79.1	118.7
200	30.8	24.0	36.0

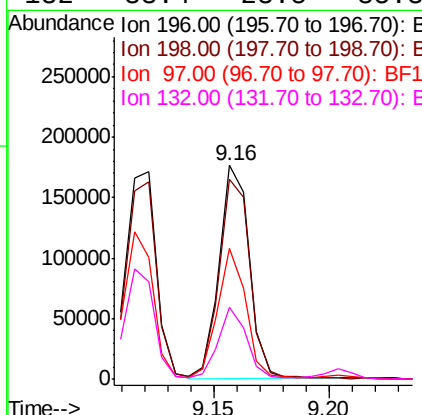
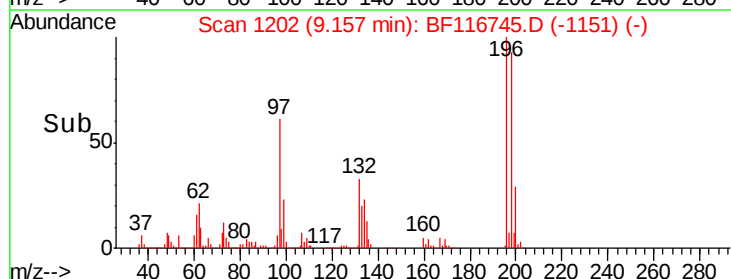
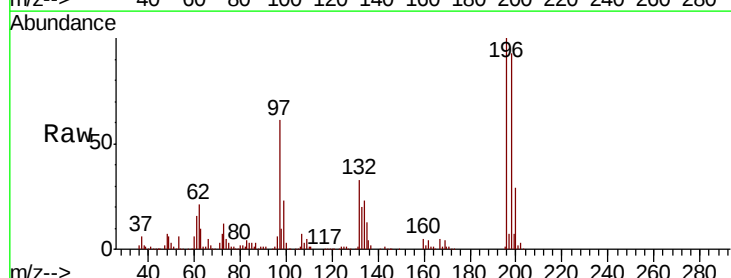
Manual Integrations
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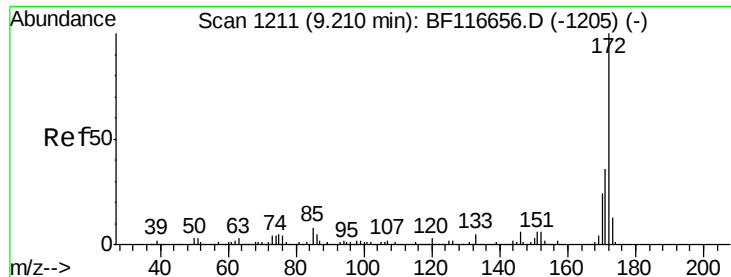
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 34.591 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion:	196	Resp:	158989
Ion Ratio	Lower	Upper	
196	100		
198	93.3	78.1	117.1
97	61.3	41.6	62.4
132	33.4	23.5	35.3





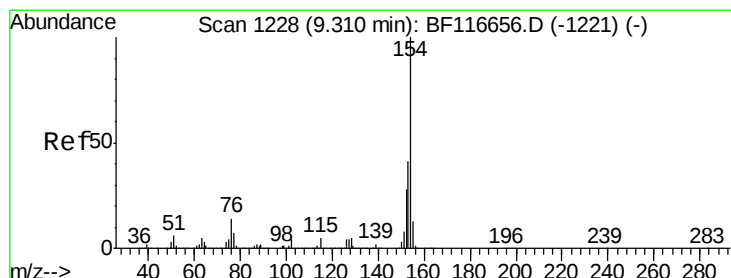
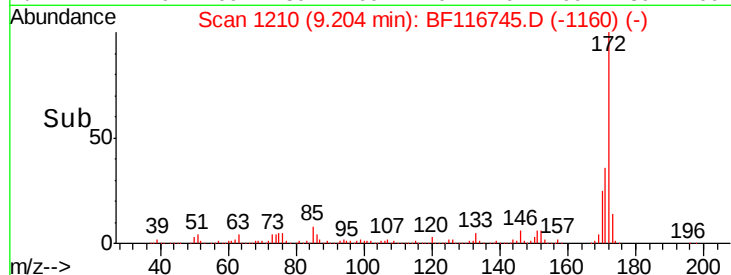
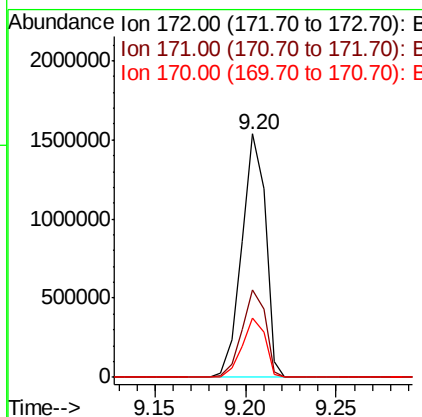
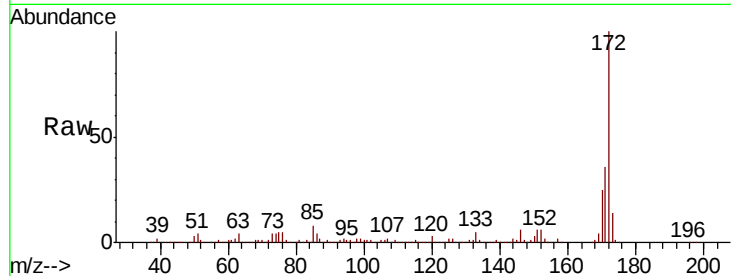
#45
 2-Fluorobiphenyl
 Concen: 87.449 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.6	18.9	28.3

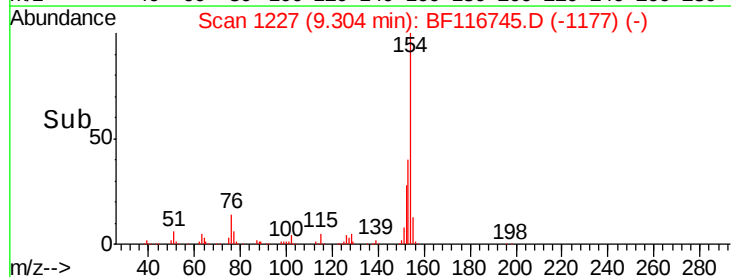
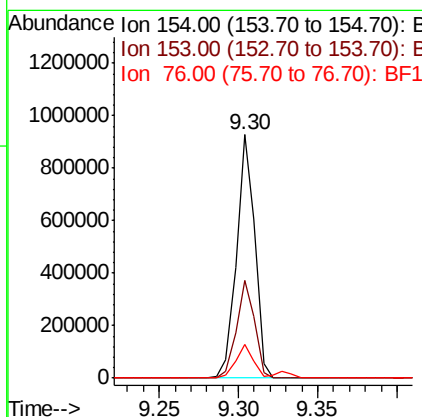
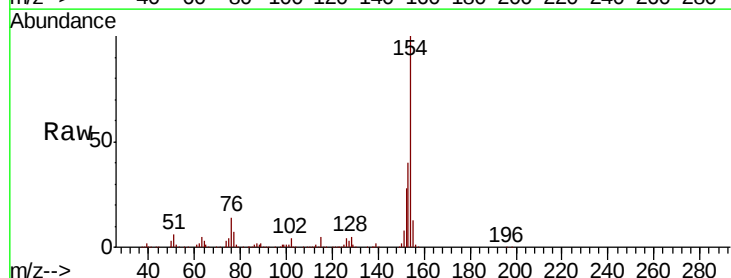
Manual Integrations
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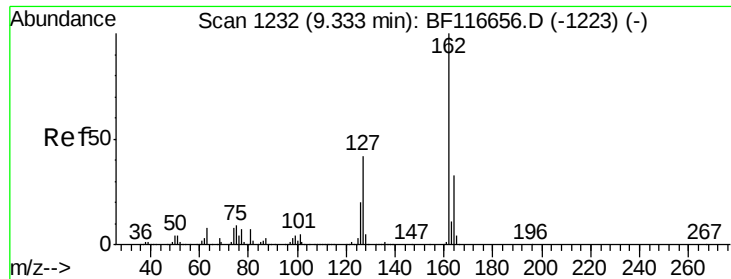
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#46
 1,1'-Biphenyl
 Concen: 36.076 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	14.0	0.0	30.9





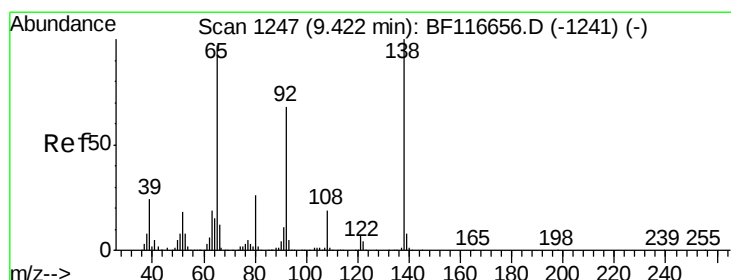
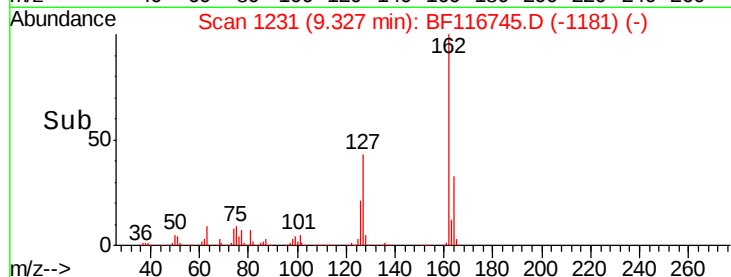
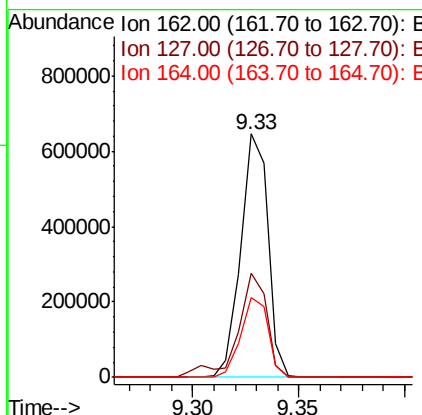
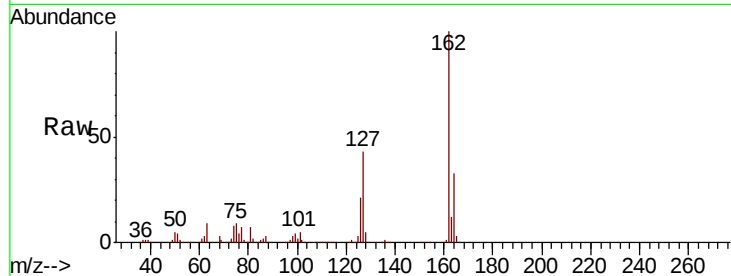
#47
2-Chloronaphthalene
Concen: 35.596 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	576385		
127	42.7		33.4	50.2
164	32.7		26.6	39.8

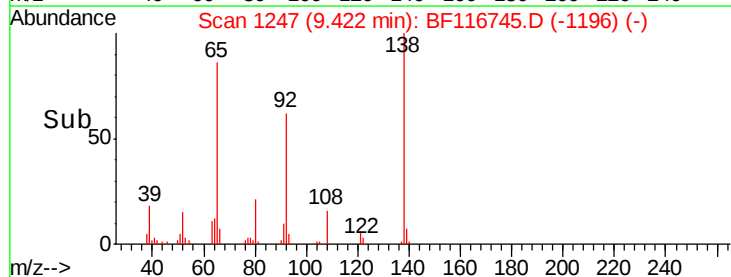
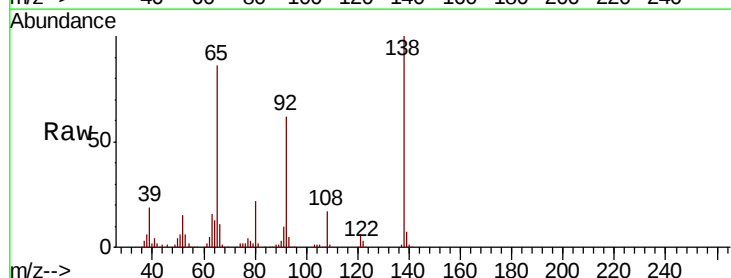
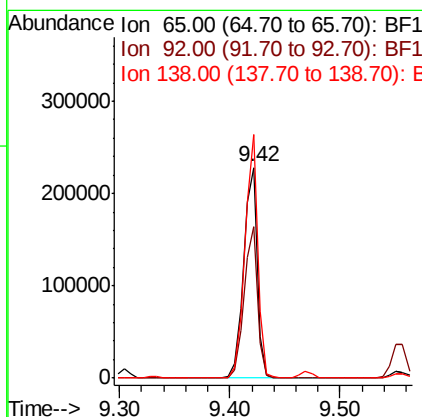
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#48
2-Nitroaniline
Concen: 42.685 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	199819		
92	72.3		57.1	85.7
138	115.8		88.2	132.2





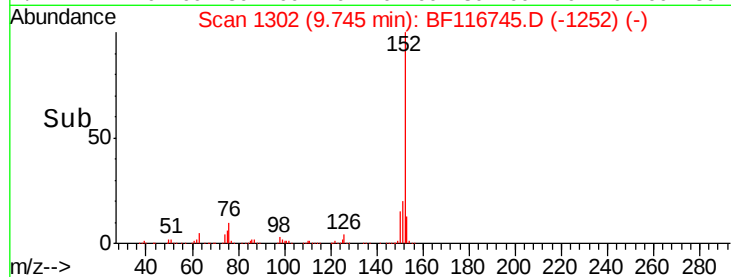
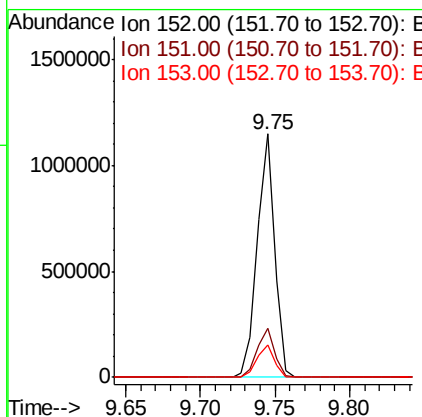
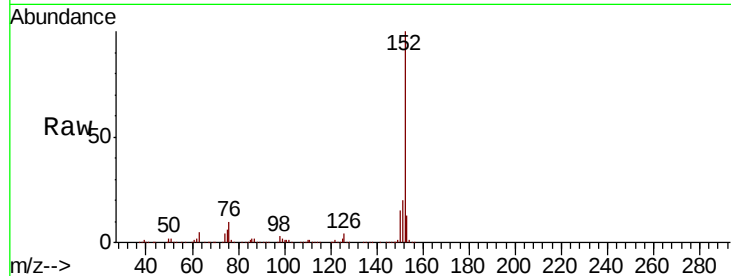
#49
Acenaphthylene
Concen: 37.498 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.1	10.9	16.3

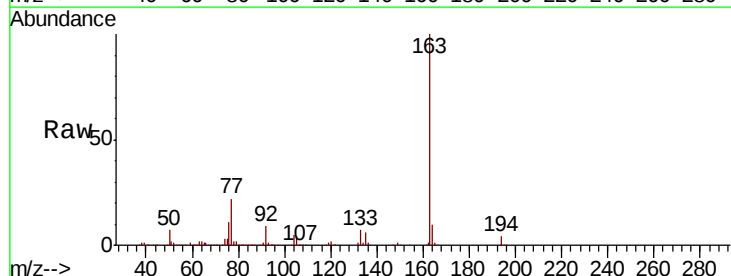
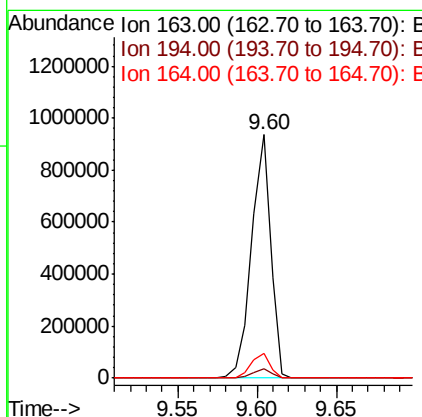
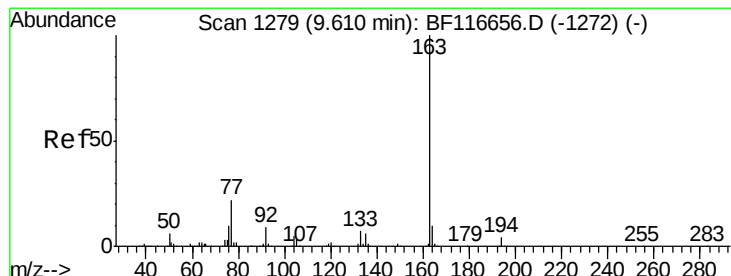
Manual Integrations
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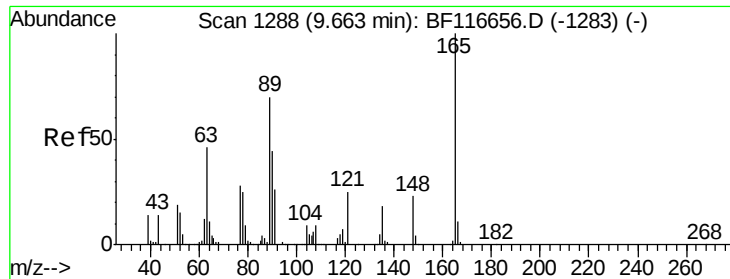
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#50
Dimethylphthalate
Concen: 42.249 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	12.8





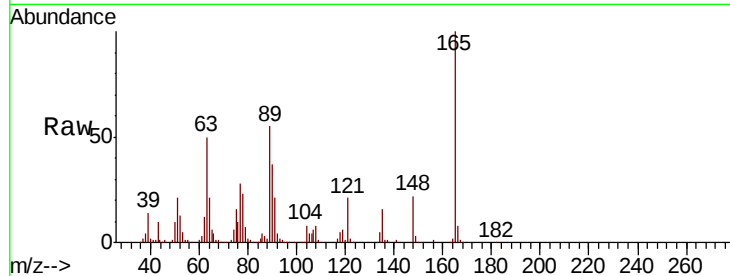
#51
2,6-Dinitrotoluene
Concen: 43.180 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	153239		
63	49.6		47.3	70.9
89	55.2		52.5	78.7

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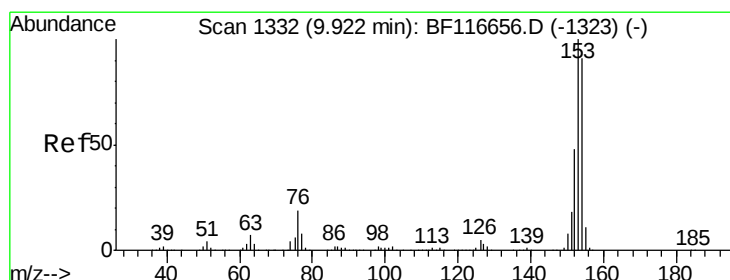
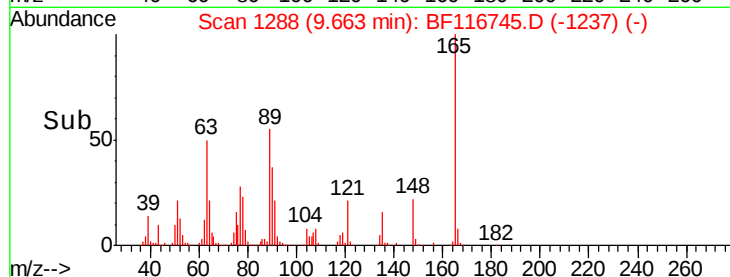
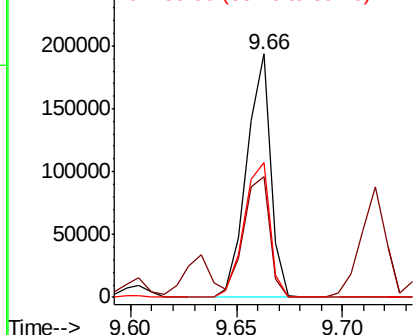


Abundance

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: 36.028 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

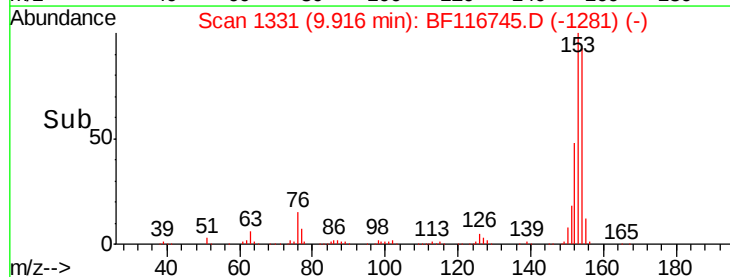
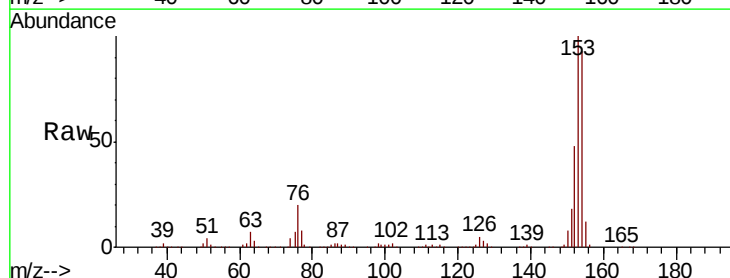
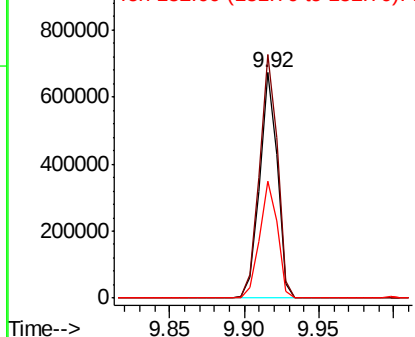
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	541841		
153	108.1		89.5	134.3
152	51.8		41.9	62.9

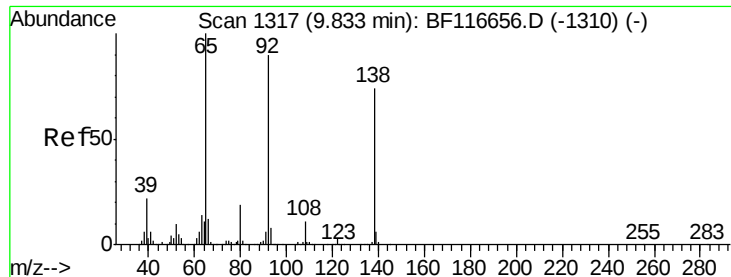
Abundance

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





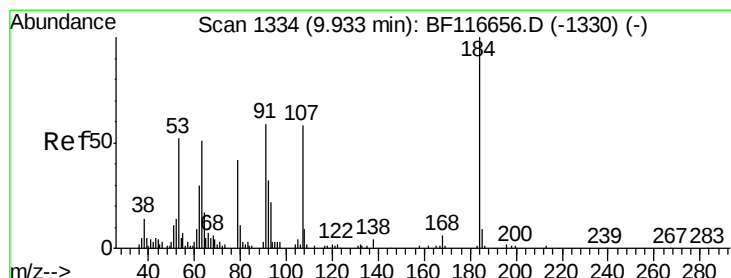
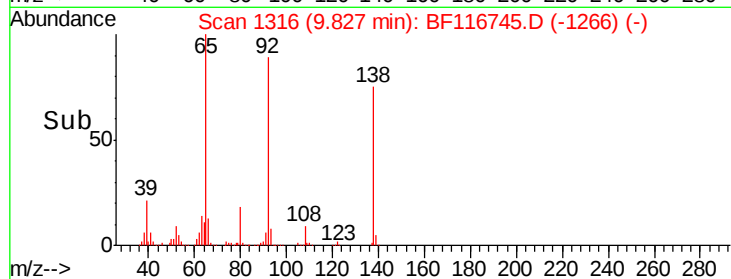
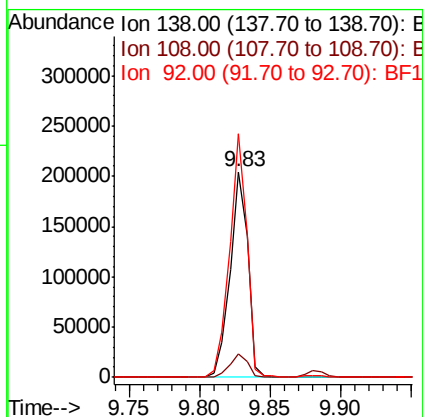
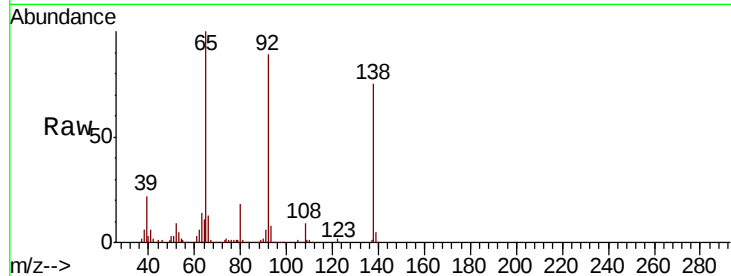
#53
3-Nitroaniline
Concen: 40.335 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	118.4	87.2	130.8

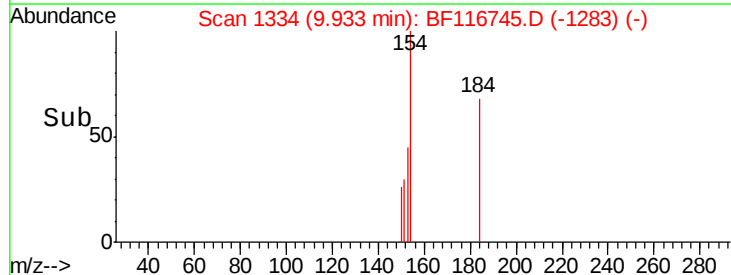
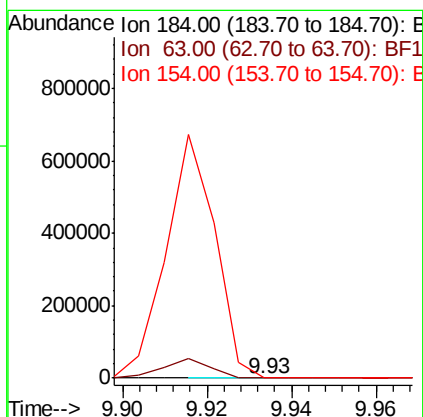
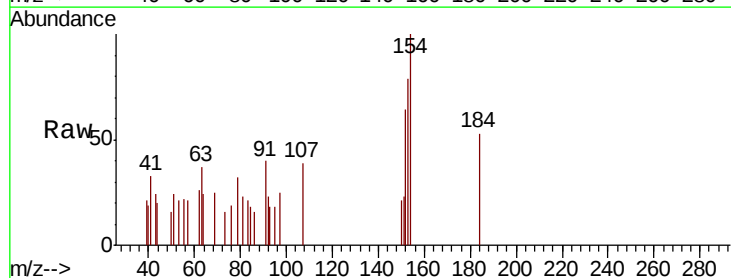
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#54
2,4-Dinitrophenol
Concen: 9.555 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.7	52.2	78.2
154	189.6	60.8	91.2#





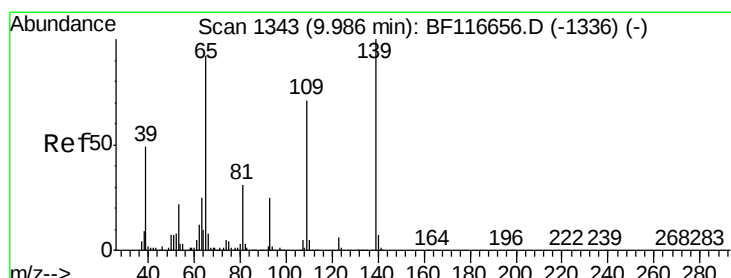
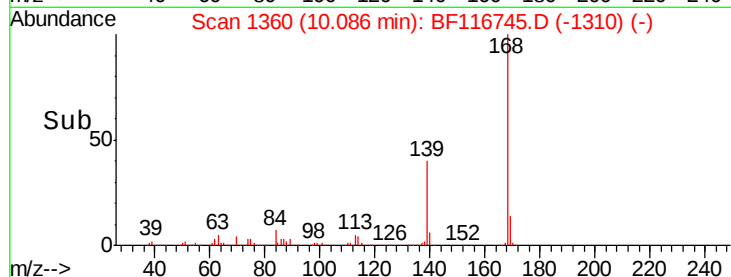
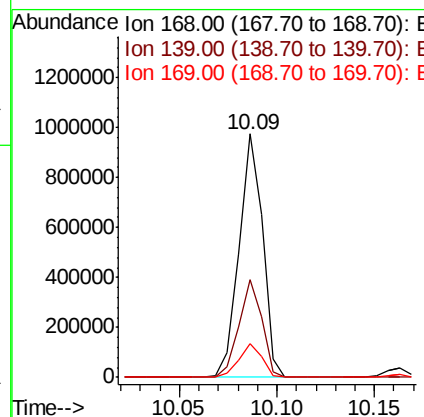
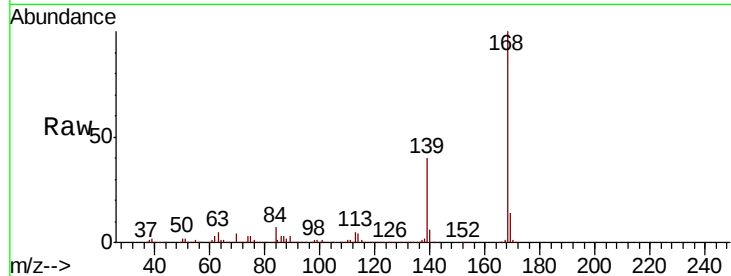
#55
Dibenzofuran
Concen: 38.458 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.5	47.3
169	13.6	10.3	15.5

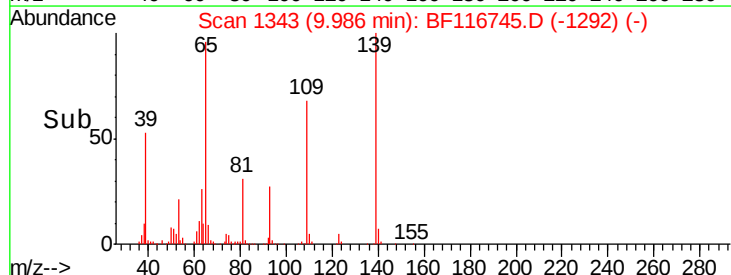
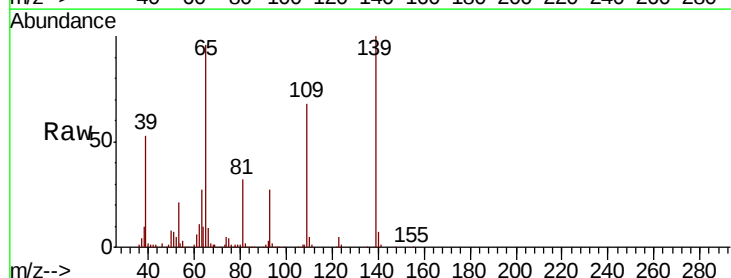
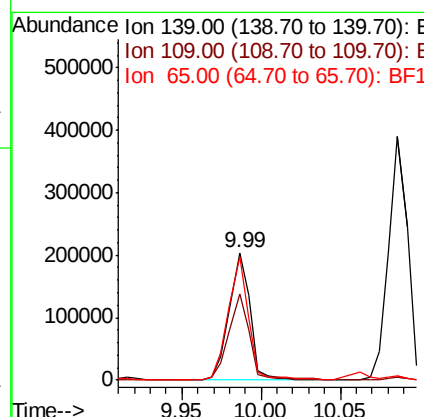
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#56
4-Nitrophenol
Concen: 62.047 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	61.7	101.7
65	96.3	89.1	129.1





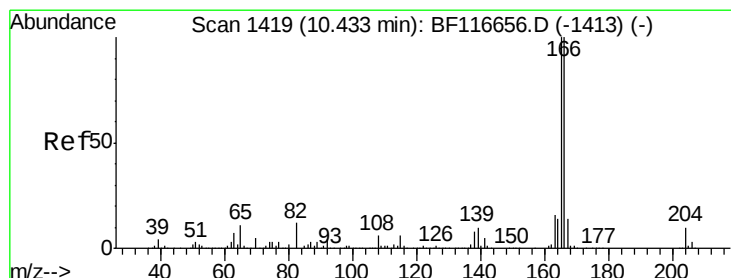
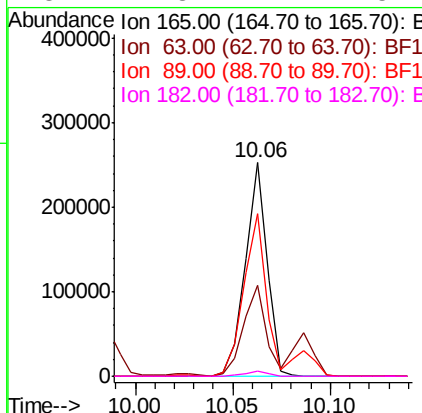
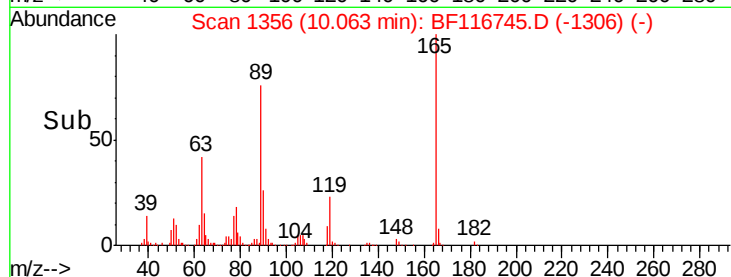
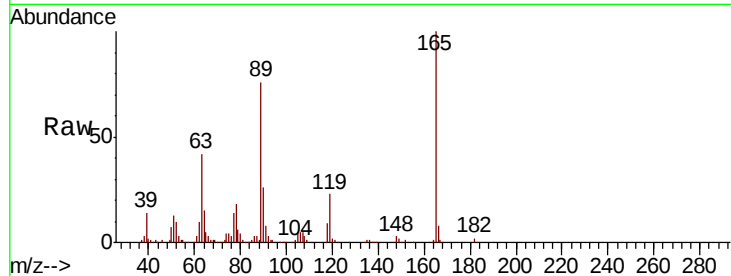
#57
2,4-Dinitrotoluene
Concen: 45.332 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	196714		
63	42.3	36.4	54.6	
89	76.0	62.6	94.0	
182	2.3	2.1	3.1	

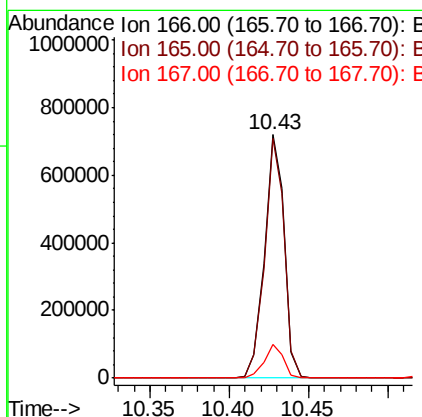
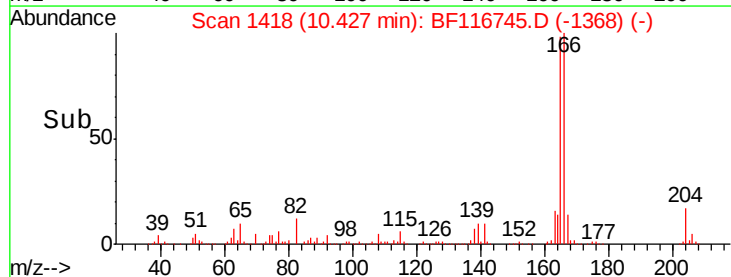
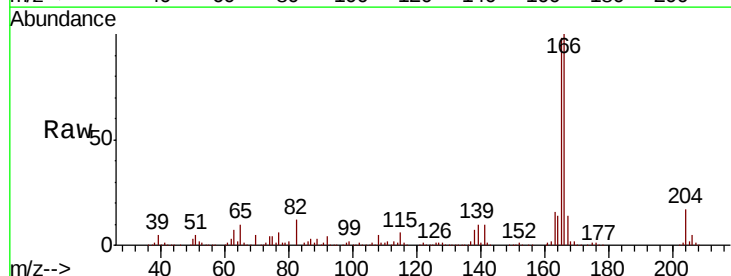
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#58
Fluorene
Concen: 38.967 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	629498		
165	98.4	78.8	118.2	
167	14.0	10.0	15.0	





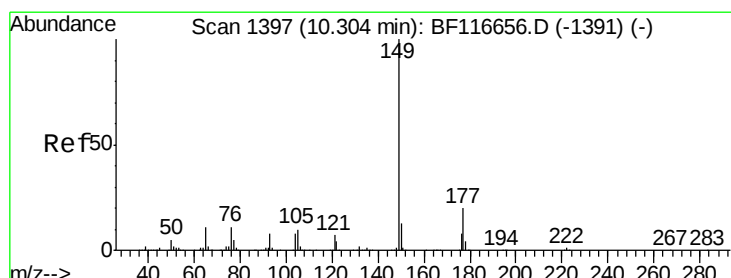
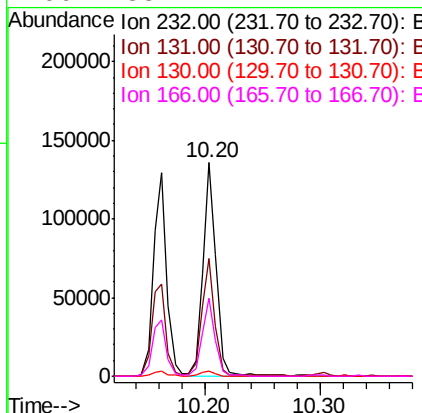
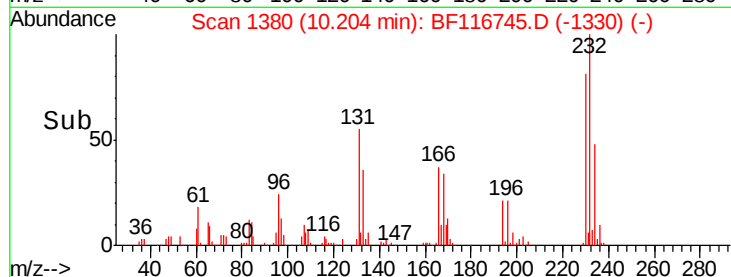
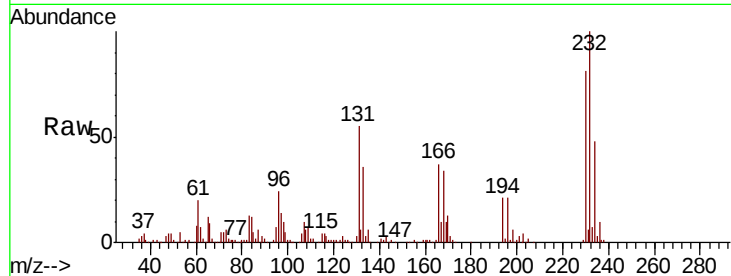
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.352 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		110636		
131	53.0	42.7	64.1		
130	2.6	1.9	2.9		
166	35.2	27.4	41.2		

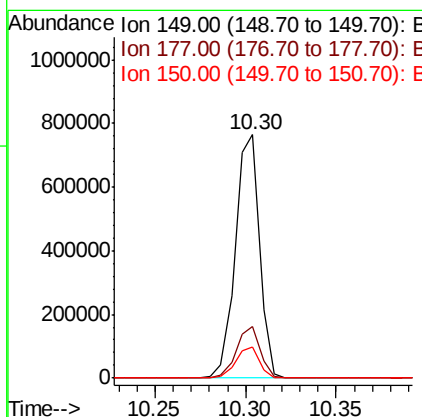
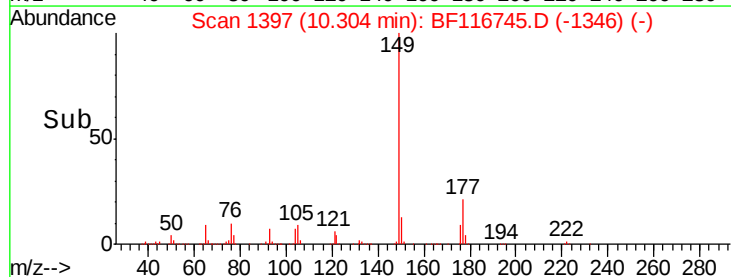
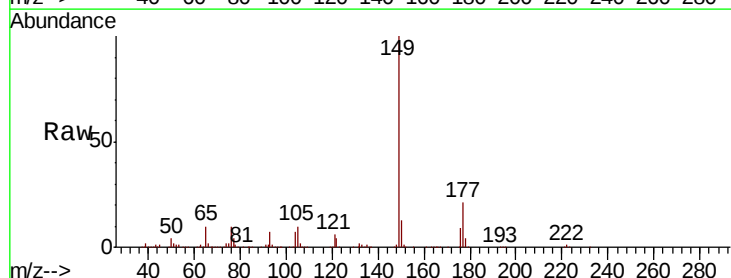
Manual Integrations
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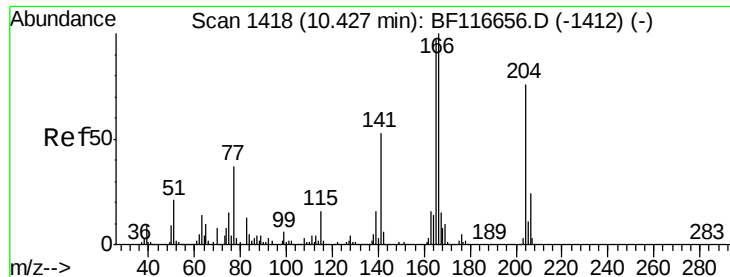
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#60
Diethylphthalate
Concen: 38.077 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		709456		
177	21.0	17.2	25.8		
150	12.6	9.7	14.5		





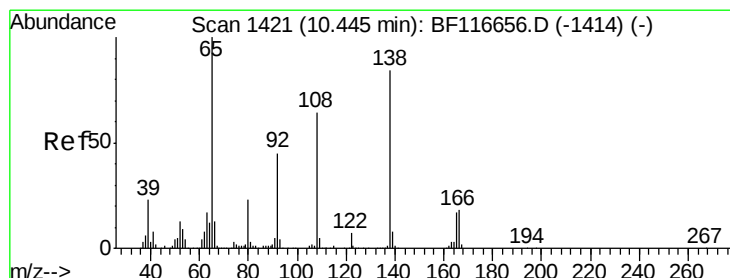
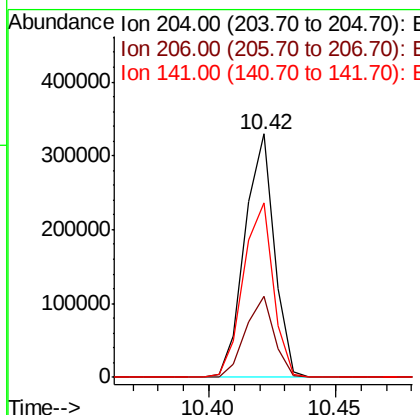
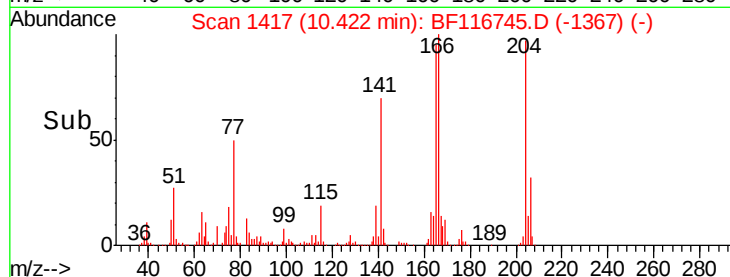
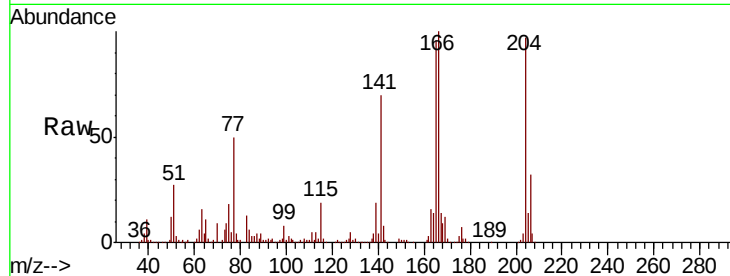
#61
4-Chlorophenyl-phenylether
Concen: 37.790 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.4	38.2
141	71.9	53.8	80.8

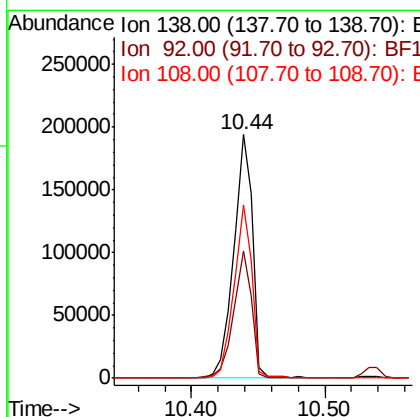
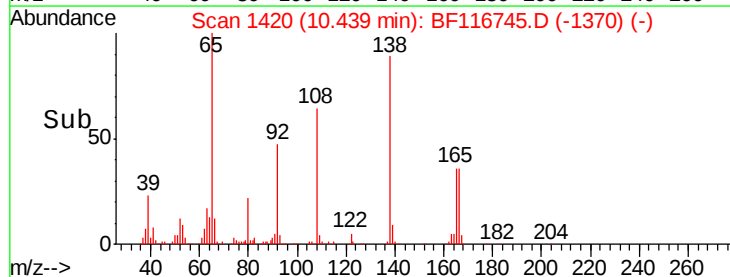
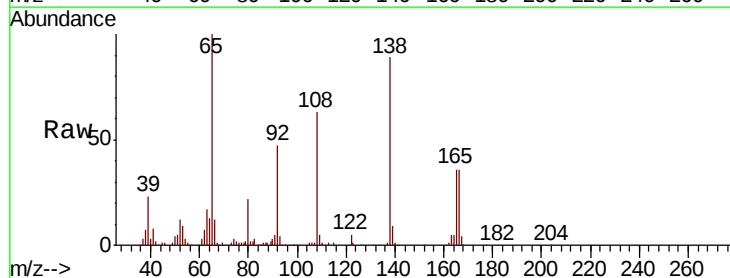
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#62
4-Nitroaniline
Concen: 44.922 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	28.7	68.7
108	71.3	60.4	100.4





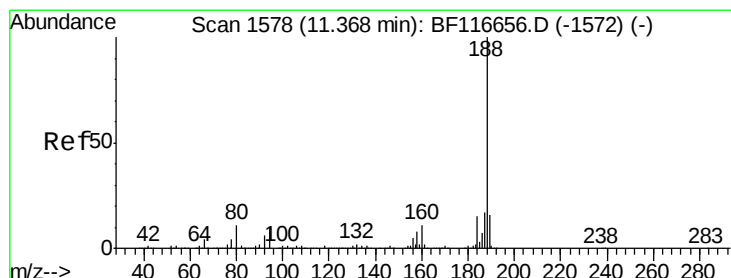
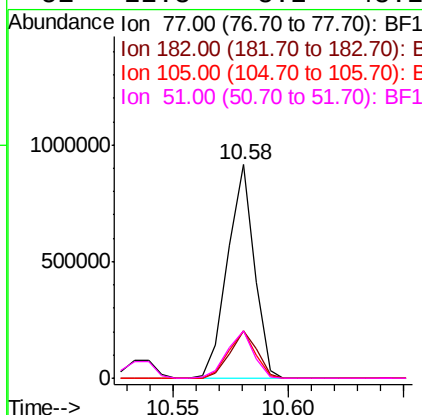
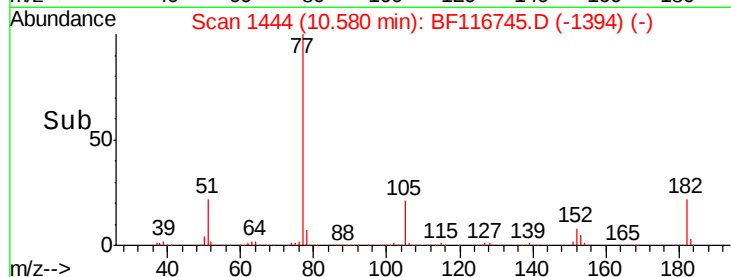
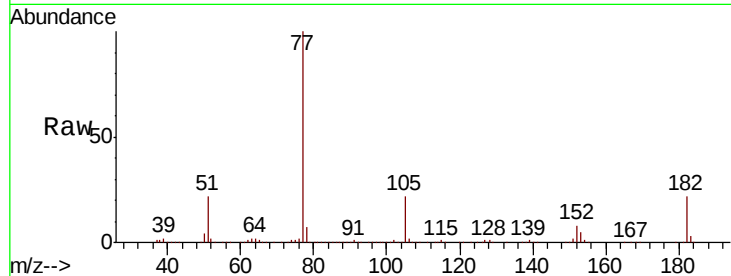
#63
Azobenzene
Concen: 38.027 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		738807		
182	22.1	1.2	41.2		
105	21.9	0.6	40.6		
51	22.3	8.2	48.2		

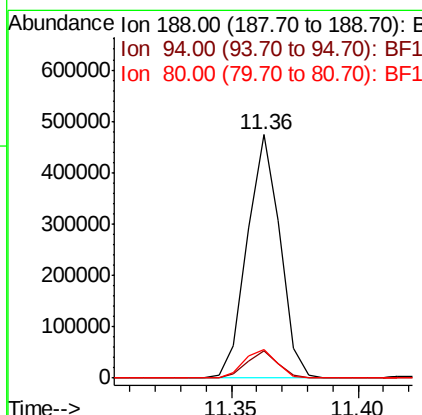
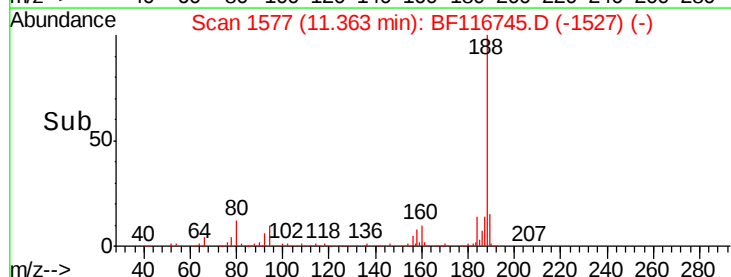
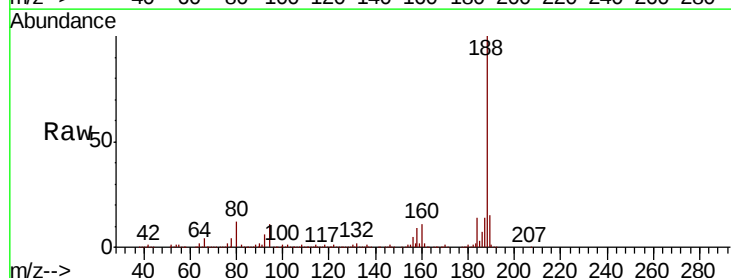
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		425814		
94	11.0	7.3	10.9#		
80	11.7	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 8.365 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

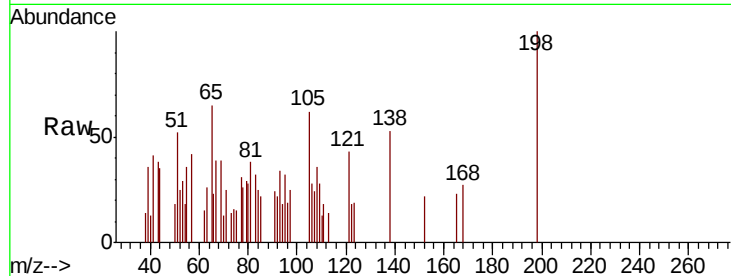
ClientSampleId :

T9-12-13-C-(0-1.9)MS

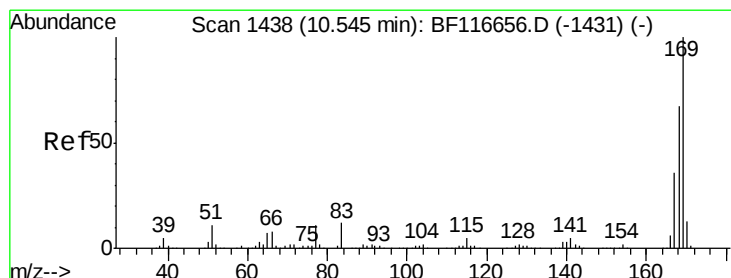
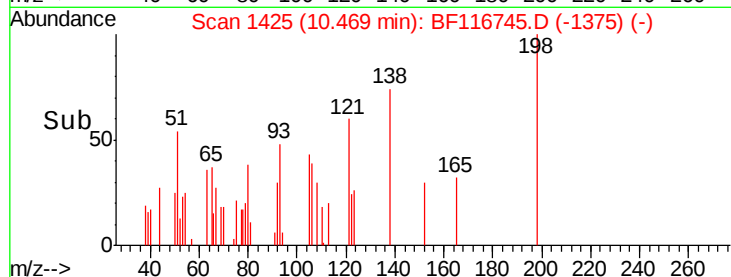
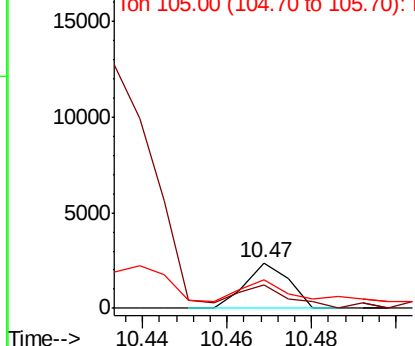
Tot Ion:	198	Resp:	1696
Ion Ratio	Lower	Upper	
198	100		
51	51.8	18.4	58.4
105	62.1	22.9	62.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.956 ng

RT: 10.54 min Scan# 1437

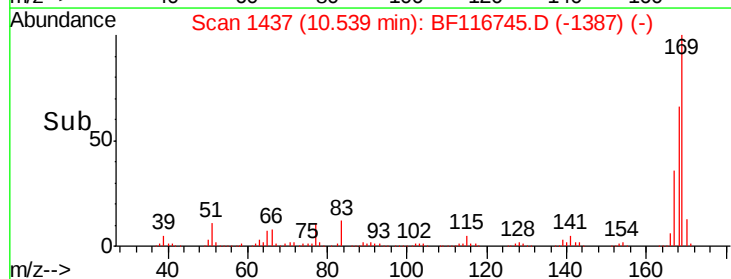
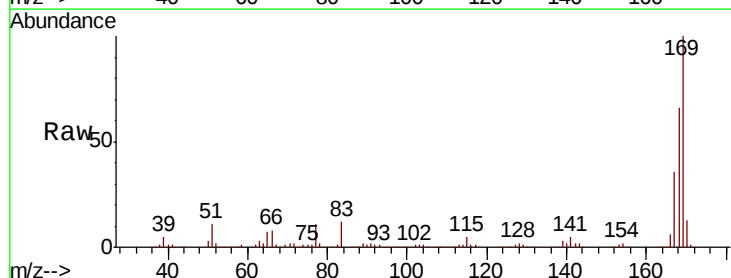
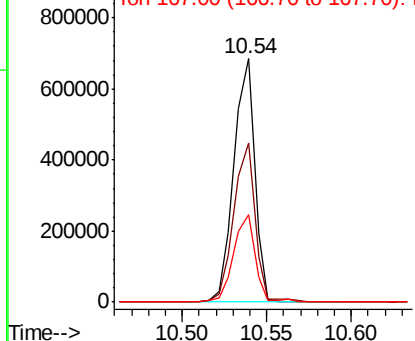
Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	169	Resp:	588560
Ion Ratio	Lower	Upper	
169	100		
168	65.5	55.8	83.6
167	35.9	29.4	44.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





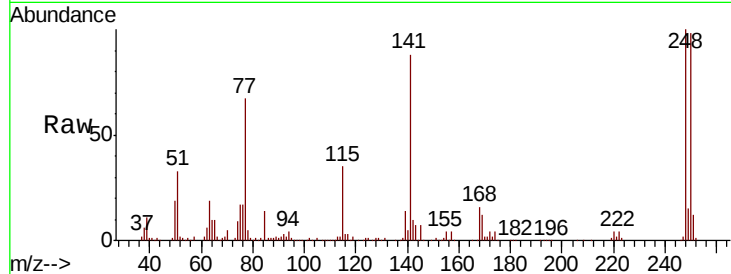
#67
 4-Bromophenyl-phenylether
 Concen: 38.039 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

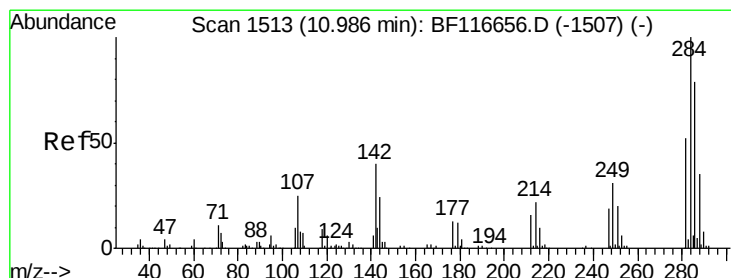
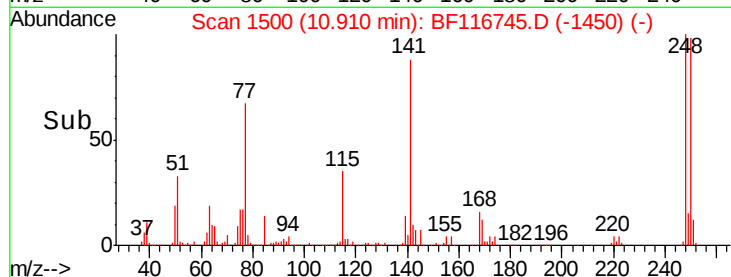
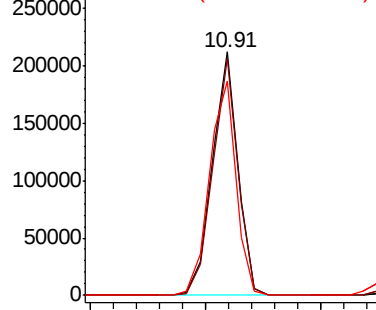
Tot Ion:	248	Resp:	164546
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.8	116.8
141	88.1	75.9	113.9

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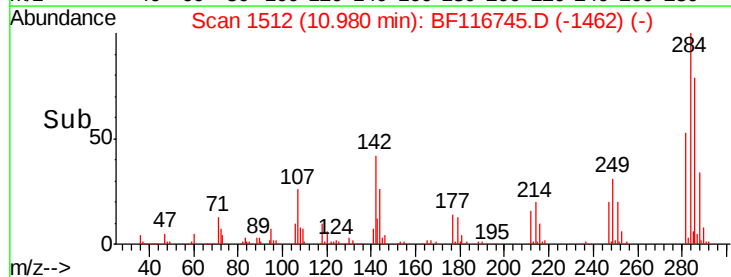
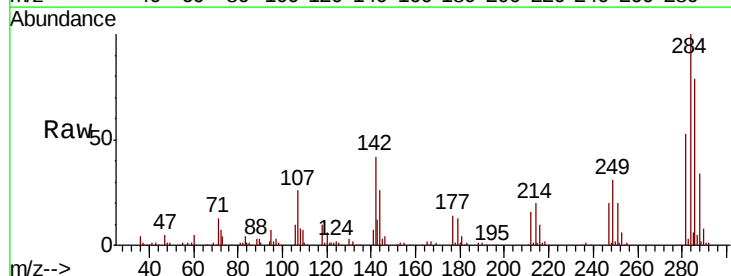
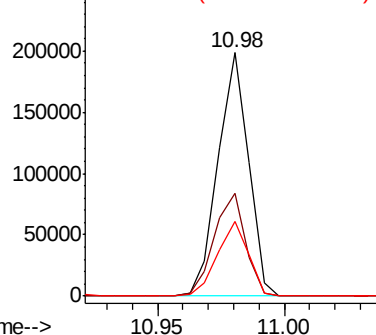
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

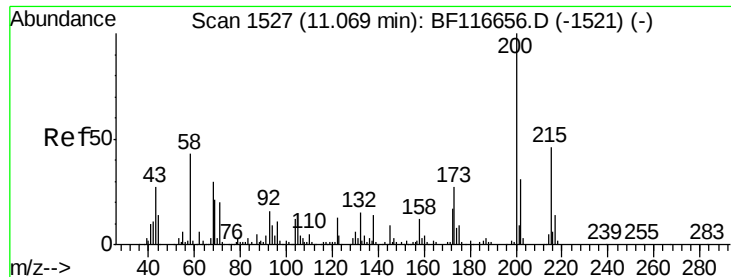


#68
 Hexachlorobenzene
 Concen: 36.831 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion:	284	Resp:	166689
Ion Ratio	Lower	Upper	
284	100		
142	42.3	34.0	51.0
249	30.9	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





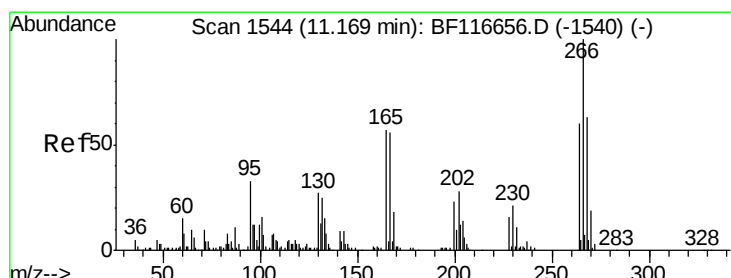
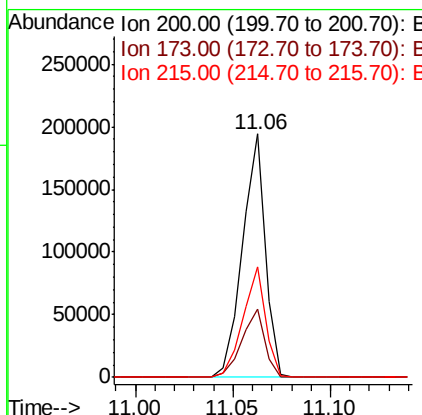
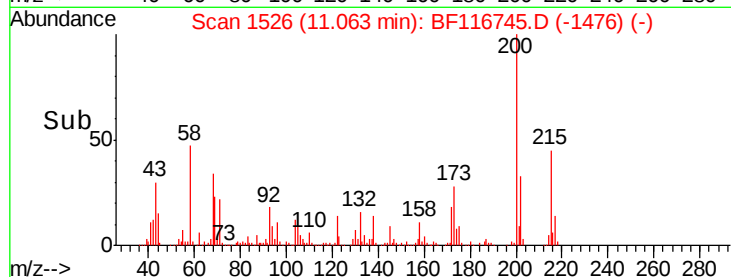
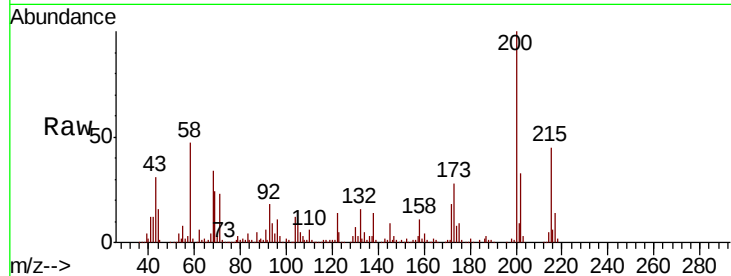
#69
Atrazine
Concen: 38.238 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.2	46.2
215	45.3	24.3	64.3

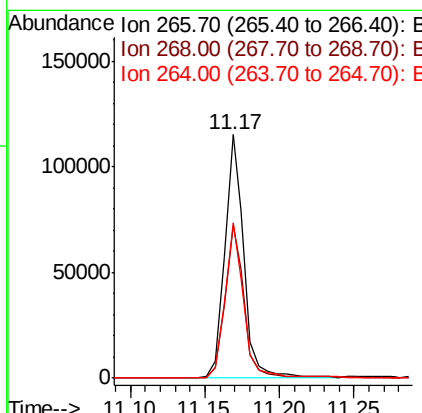
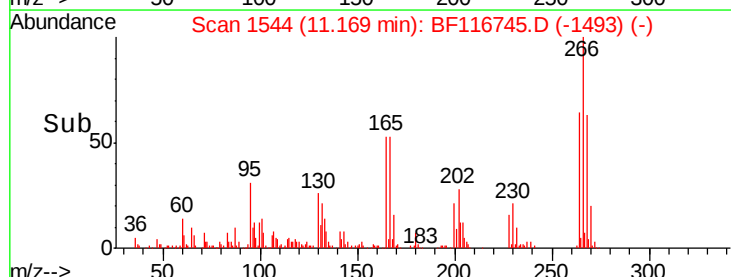
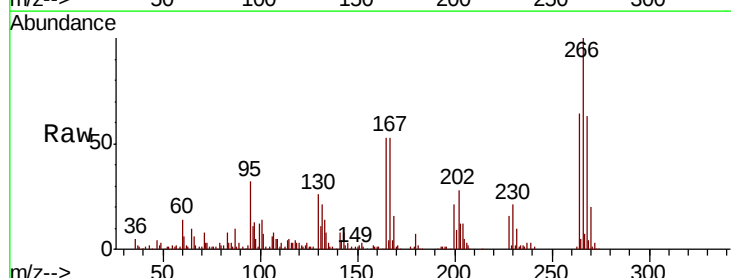
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#70
Pentachlorophenol
Concen: 47.900 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	63.8	51.9	77.9





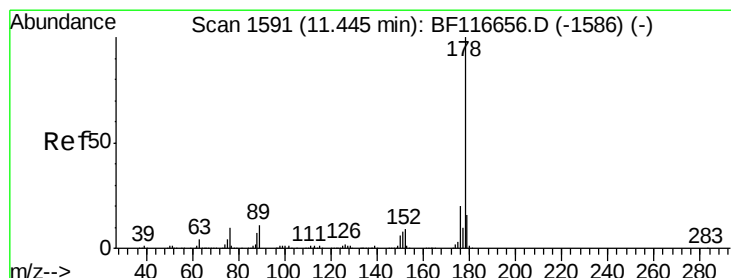
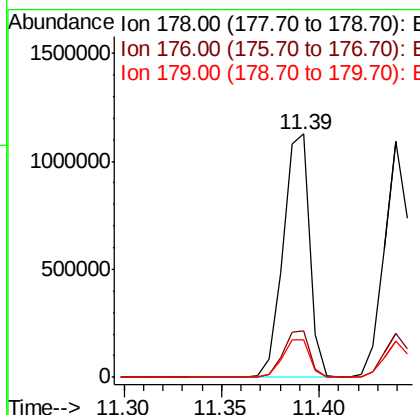
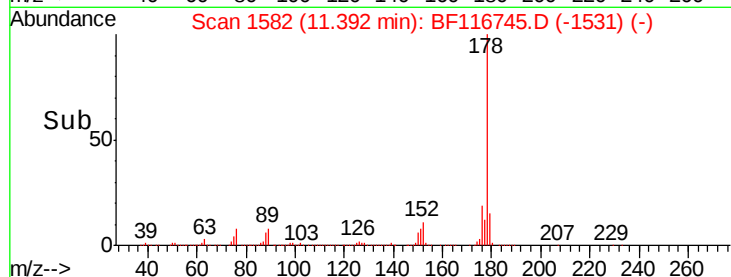
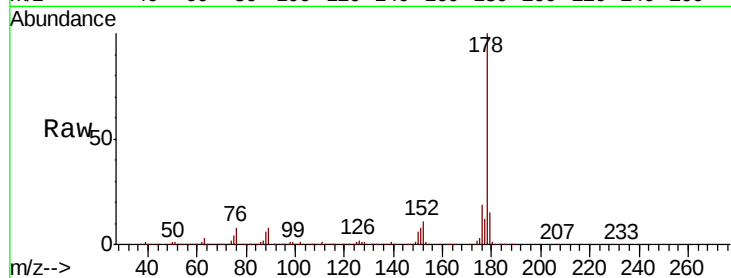
#71
Phenanthrene
Concen: 44.575 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.2	18.2

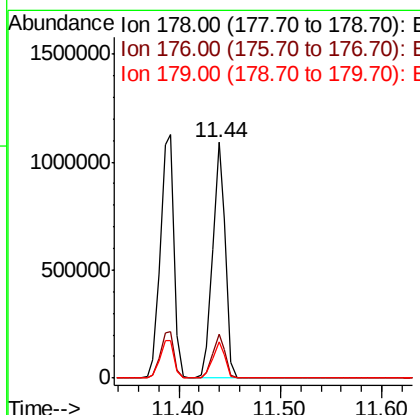
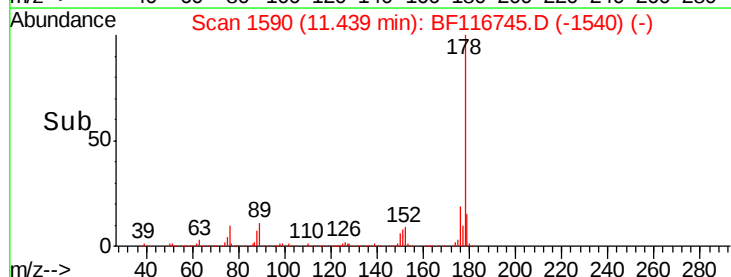
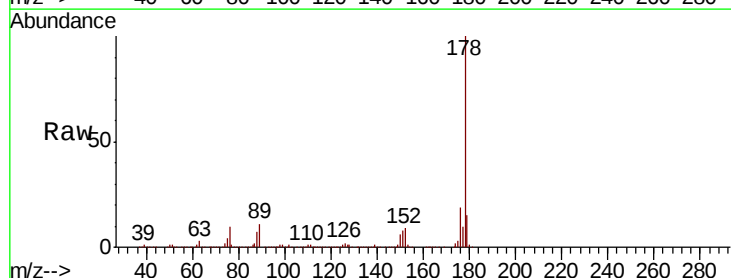
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#72
Anthracene
Concen: 39.527 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.4	12.5	18.7





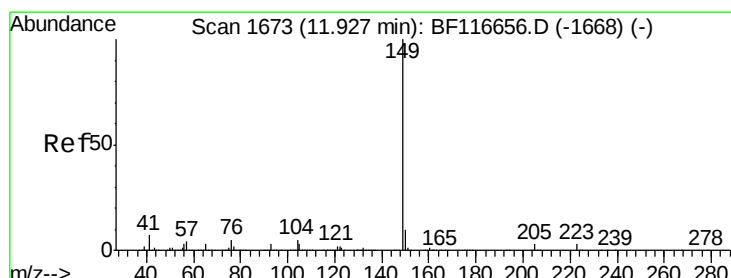
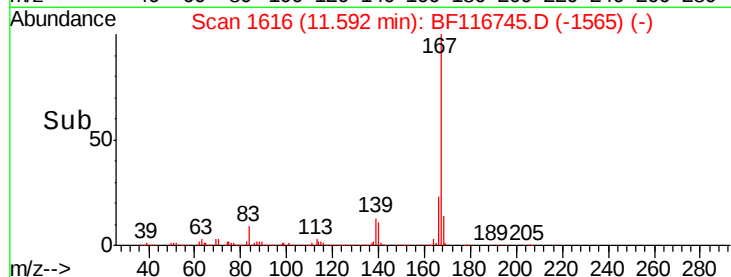
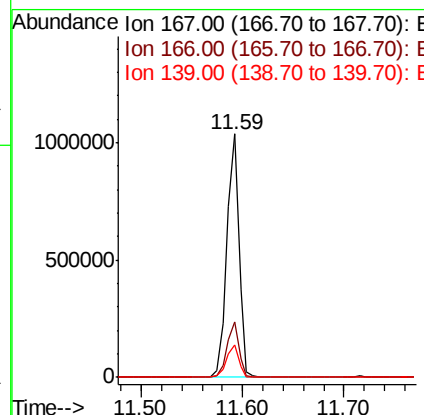
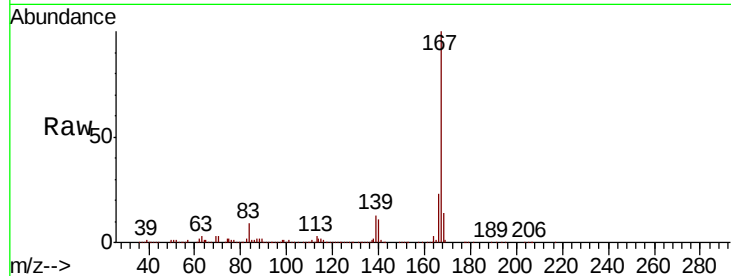
#73
 Carbazole
 Concen: 38.087 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	13.5	11.1	16.7

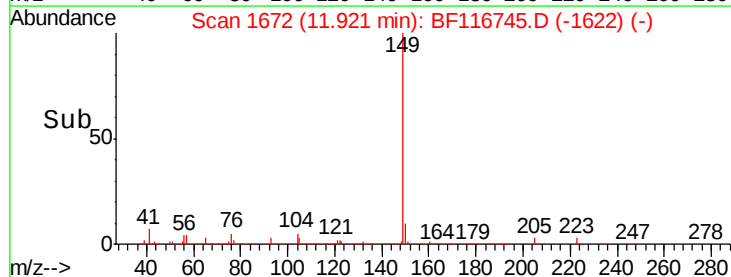
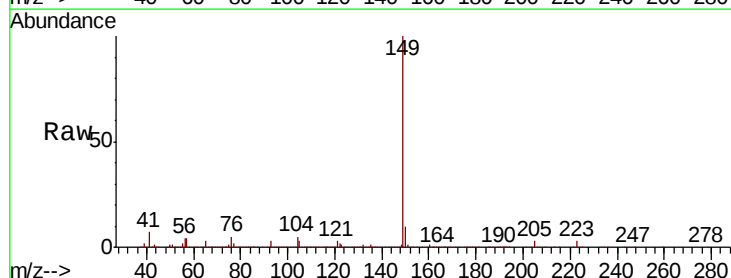
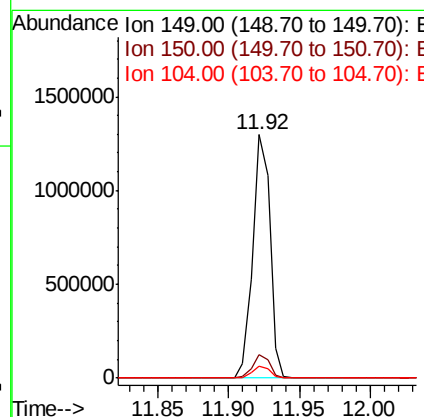
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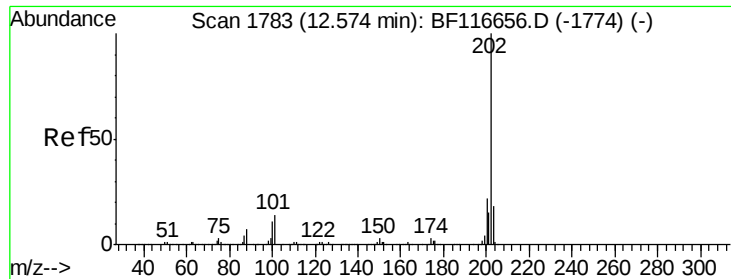
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#74
 Di-n-butylphthalate
 Concen: 38.192 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.2	10.8
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 43.996 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

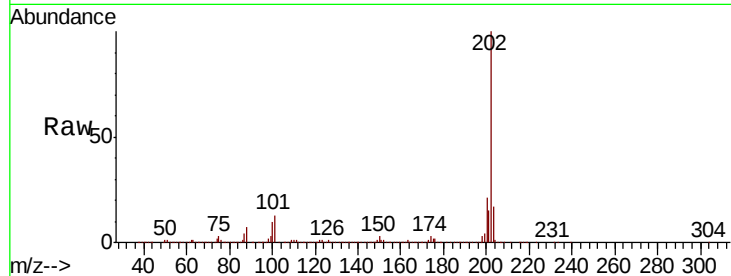
ClientSampleId :

T9-12-13-C-(0-1.9)MS

Tot Ion:	202	Resp:	1024875
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.3
203	17.3	0.0	37.6

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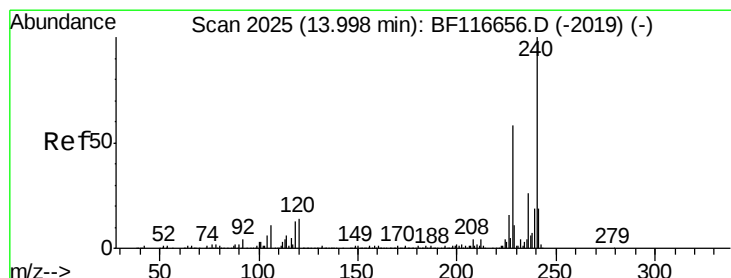
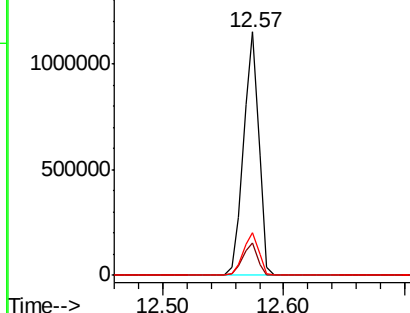
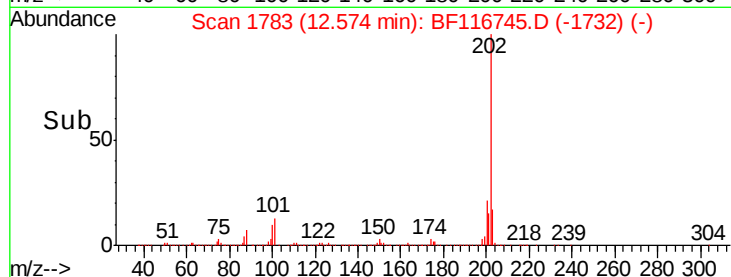


Abundance

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

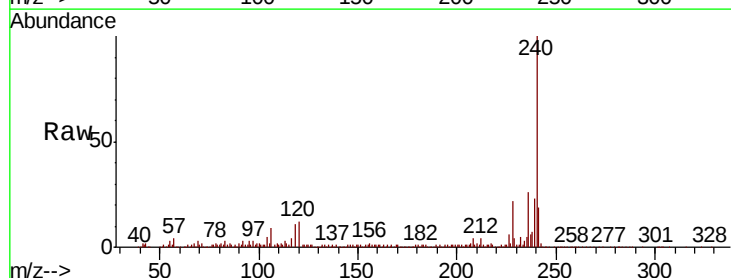
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	240	Resp:	259978
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.1	13.7
236	25.8	21.1	31.7

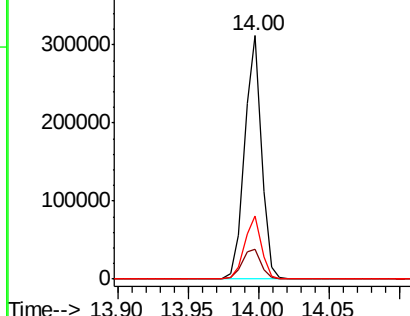
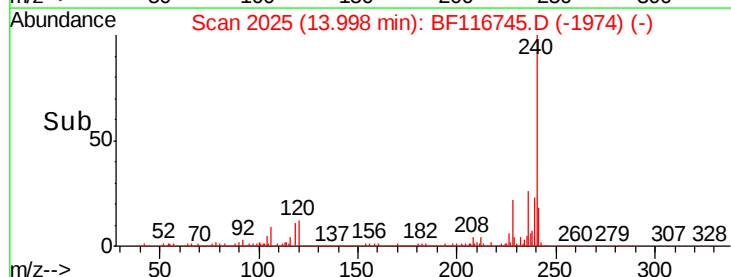


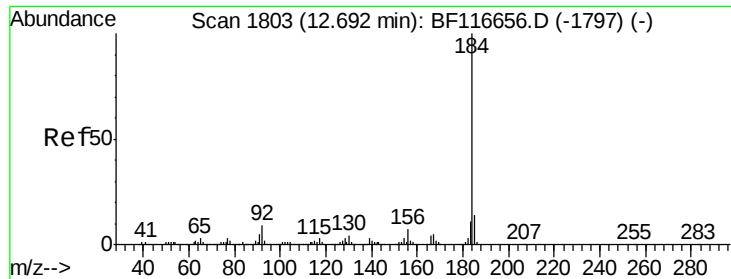
Abundance

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: 27.262 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

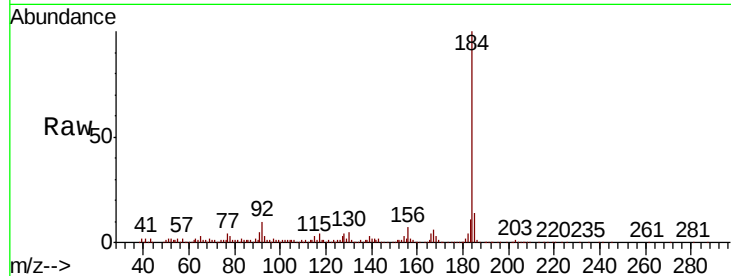
ClientSampleId :

T9-12-13-C-(0-1.9)MS

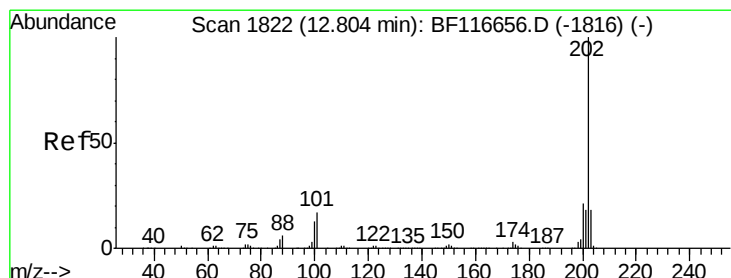
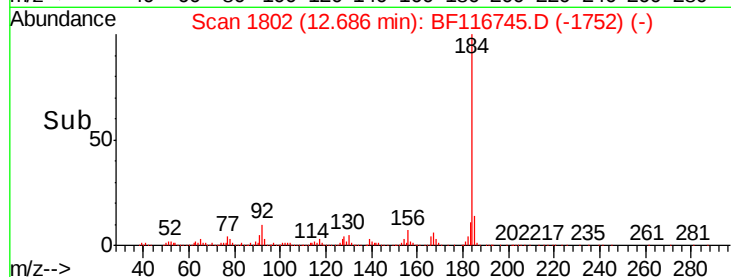
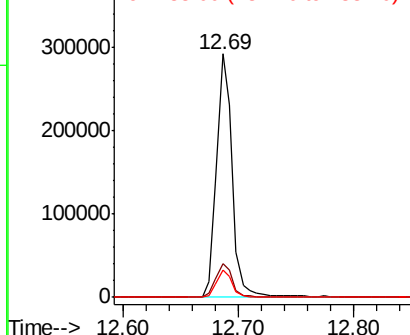
Tot Ion:	184	Resp:	277995
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.1	9.2	13.8

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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: 42.175 ng

RT: 12.80 min Scan# 1822

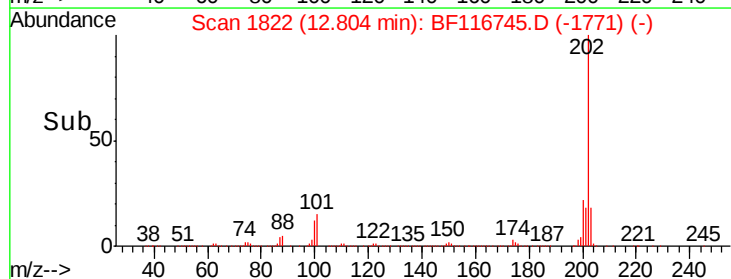
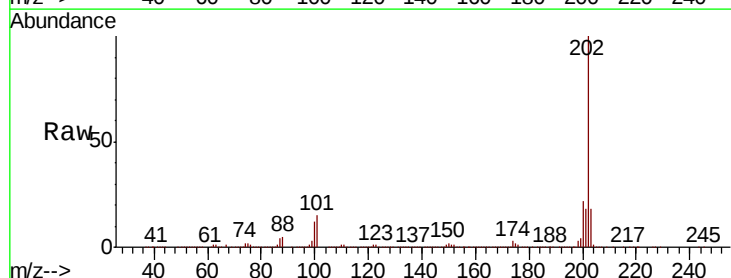
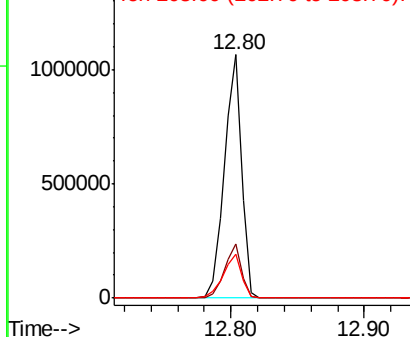
Delta R.T. 0.00 min

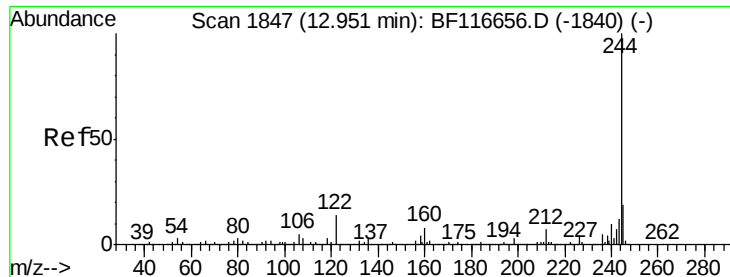
Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Tgt Ion:	202	Resp:	974686
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.5	24.7
203	18.0	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





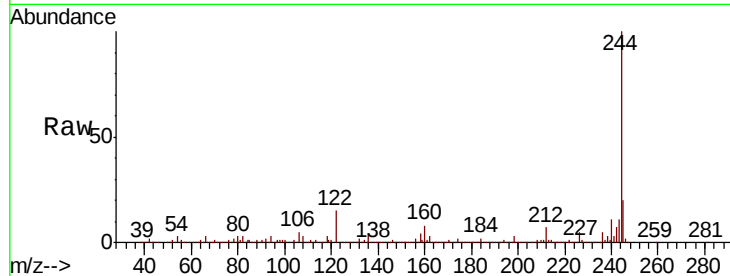
#79
 Terphenyl-d14
 Concen: 88.353 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

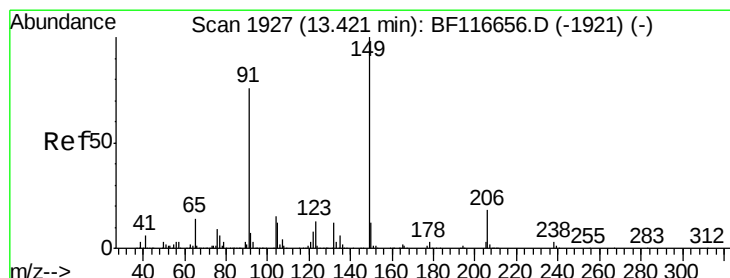
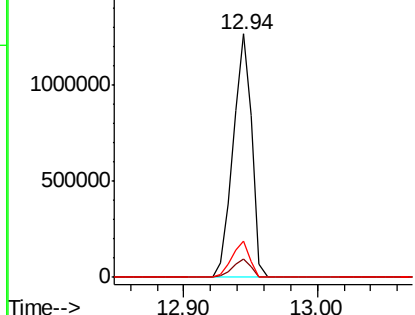
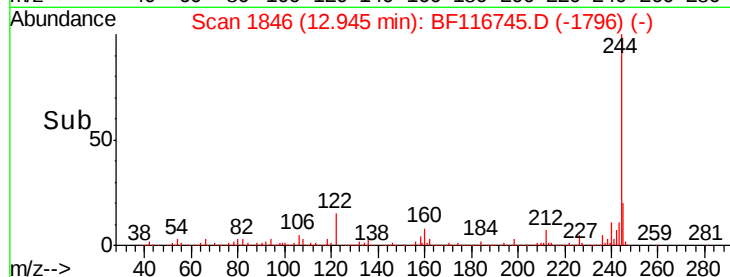
Tot Ion:244 Resp: 1241650
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 15.0 10.2 15.4

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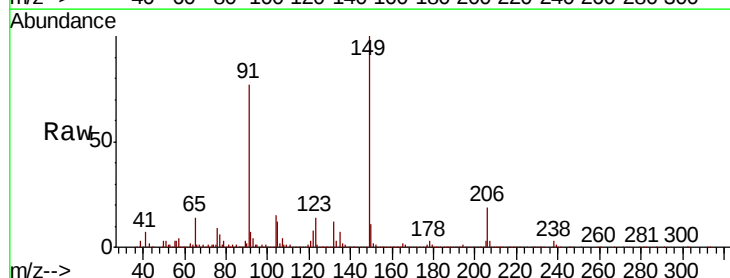


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

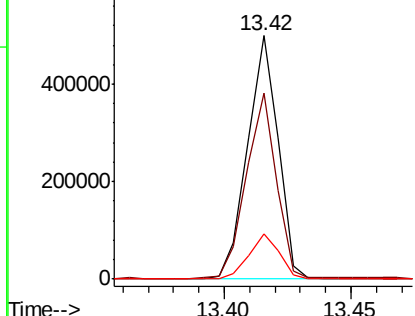
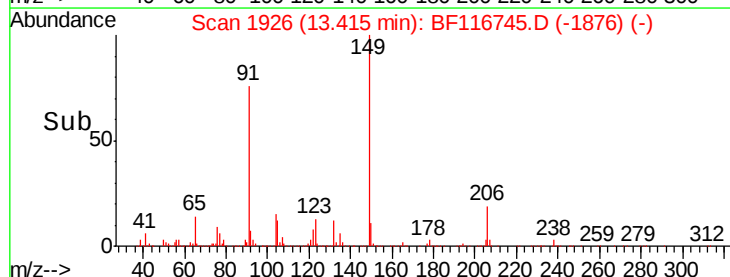


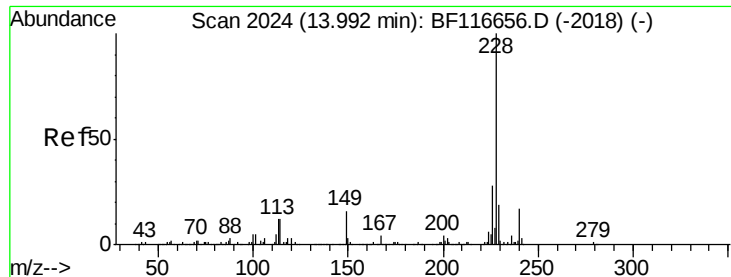
#80
 Butylbenzylphthalate
 Concen: 37.127 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion:149 Resp: 417252
 Ion Ratio Lower Upper
 149 100
 91 76.6 61.0 91.4
 206 18.7 14.8 22.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





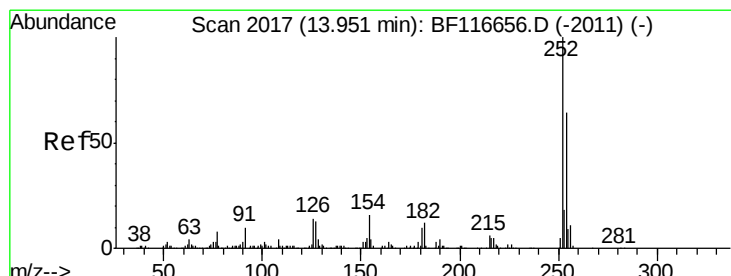
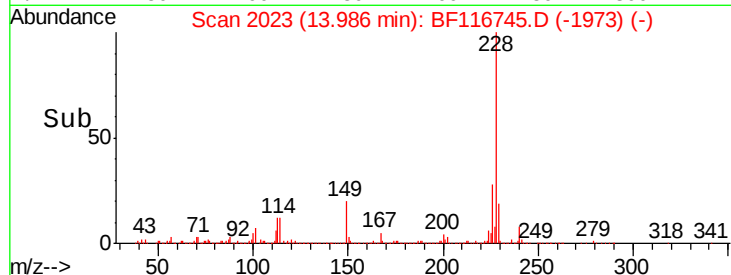
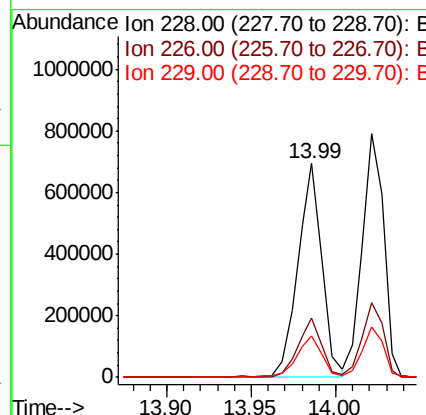
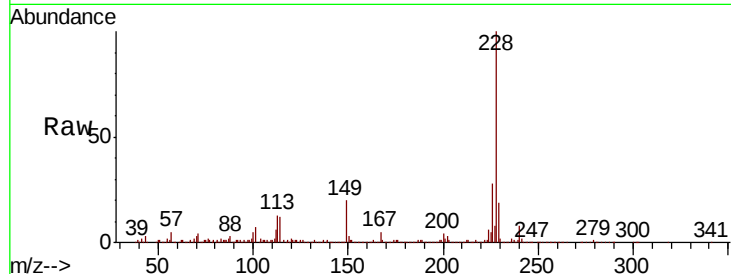
#81
Benzo(a)anthracene
Concen: 41.744 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.4	16.4	24.6

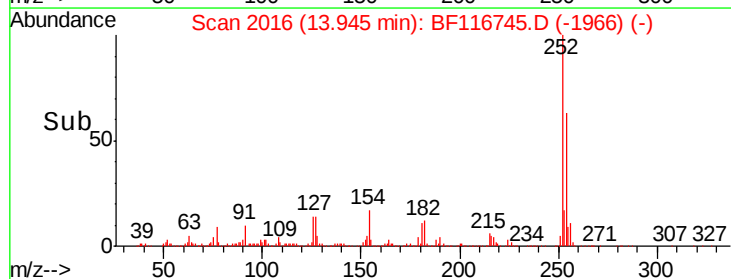
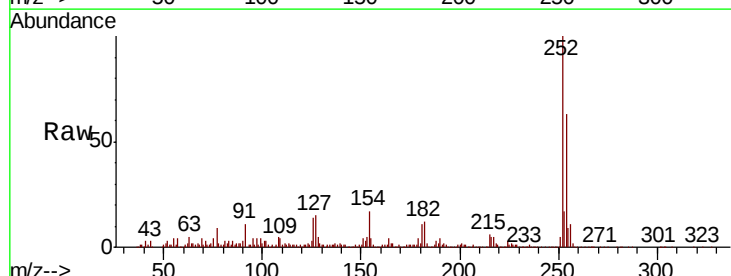
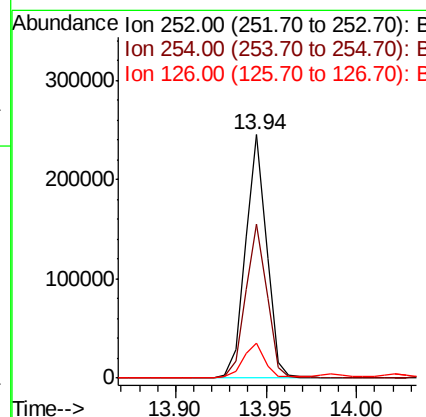
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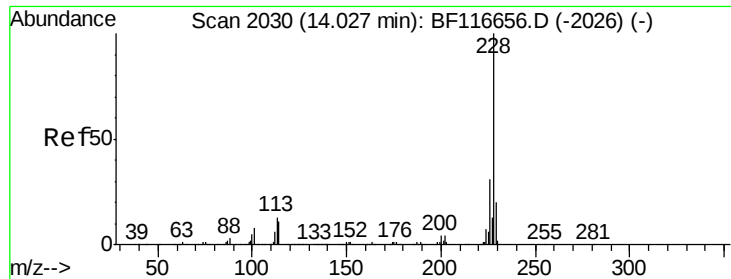
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#82
3,3'-Dichlorobenzidine
Concen: 35.832 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.1	75.1
126	14.5	10.6	16.0





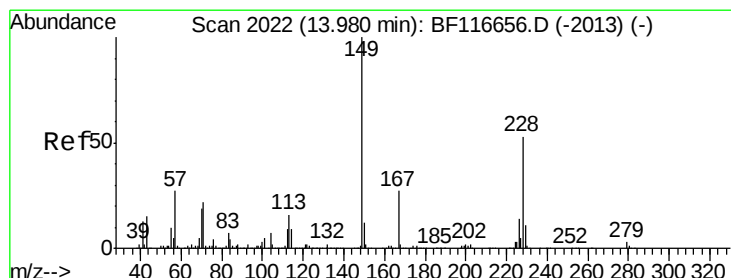
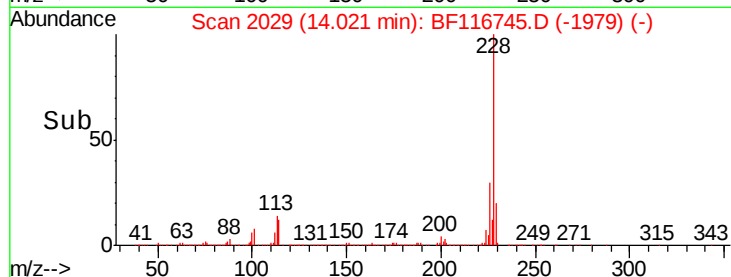
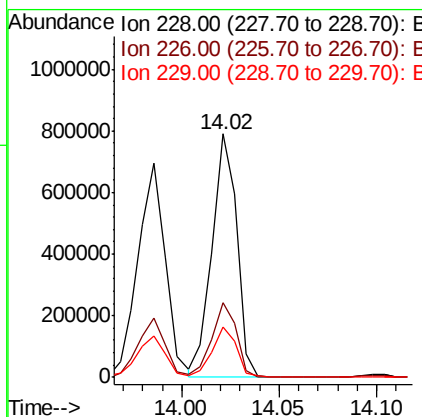
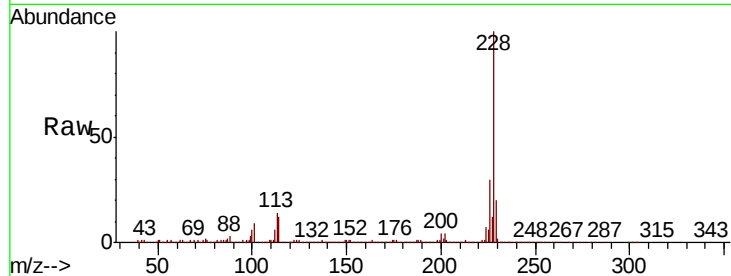
#83
 Chrvsene
 Concen: 40.984 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.5	15.4	23.0

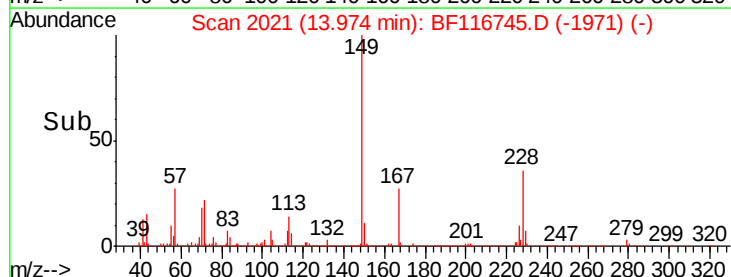
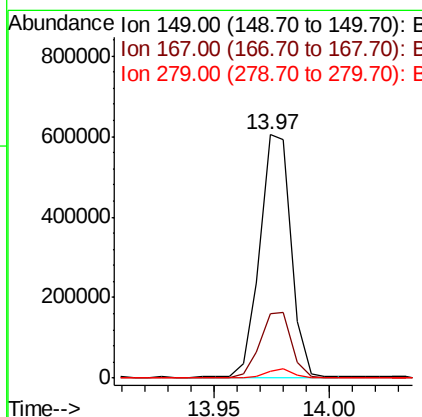
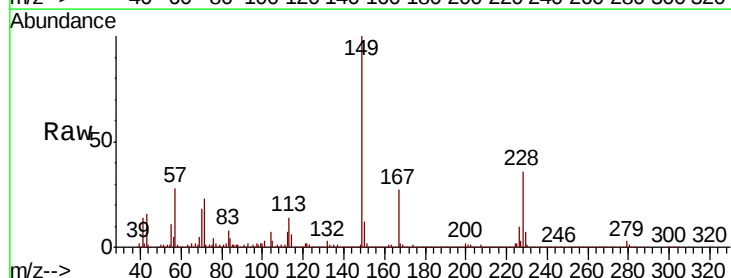
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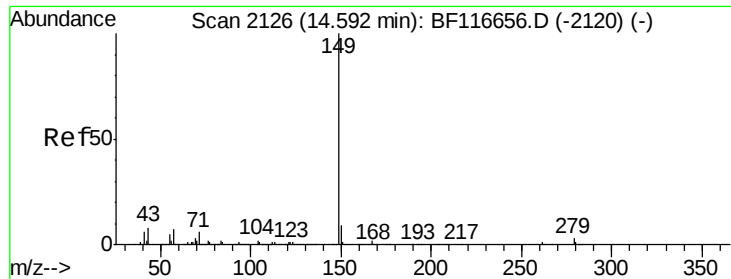
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.954 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116745.D
 Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.8	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 43.059 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF116745.D

Acq: 1 Sep 2019 16:26

Instrument :

BNA_F

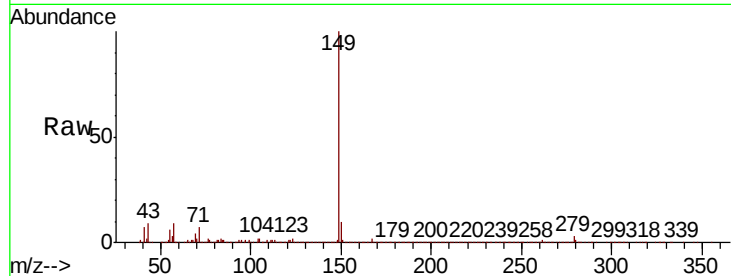
ClientSampleId :

T9-12-13-C-(0-1.9)MS

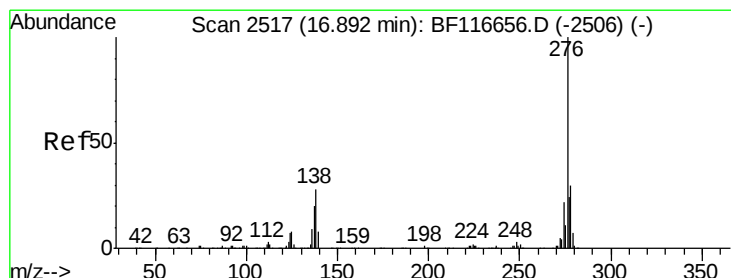
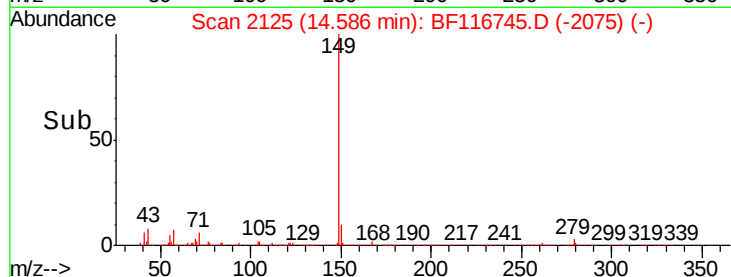
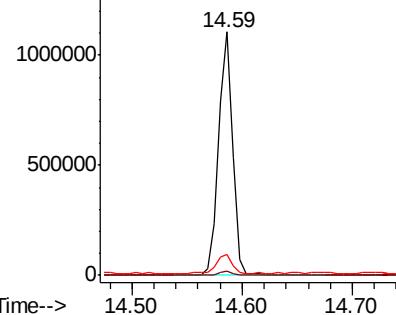
Tot Ion	Ratio	Resp	Lower	Upper
149	100	977551		
167	1.5	1.3	1.9	
43	8.2	7.8	11.8	

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.631 ng

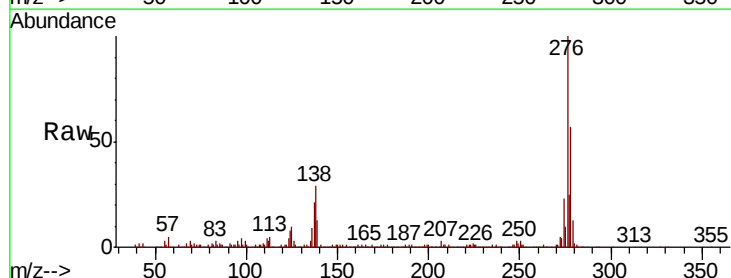
RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

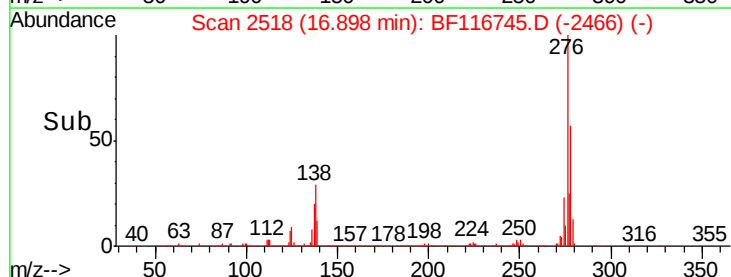
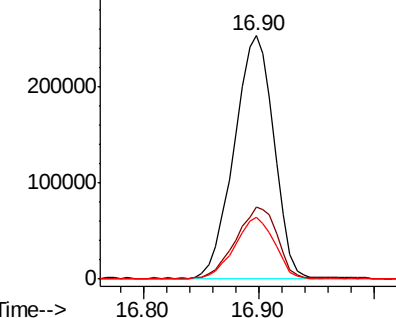
Lab File: BF116745.D

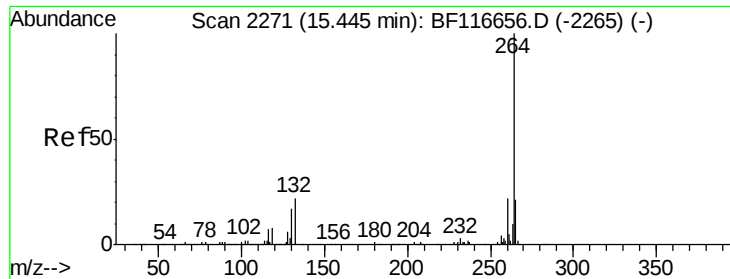
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	607685		
138	30.1	19.4	29.2#	
277	25.1	20.5	30.7	



Abundance Ion 276.00 (275.70 to 276.70): E
300000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





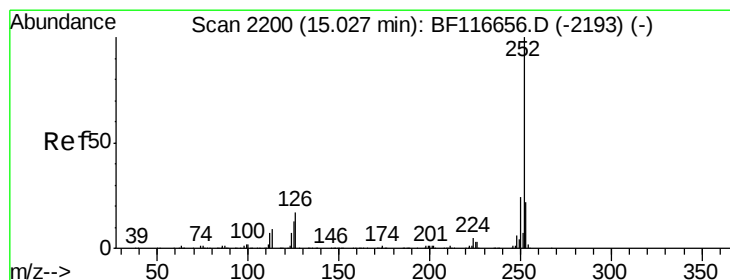
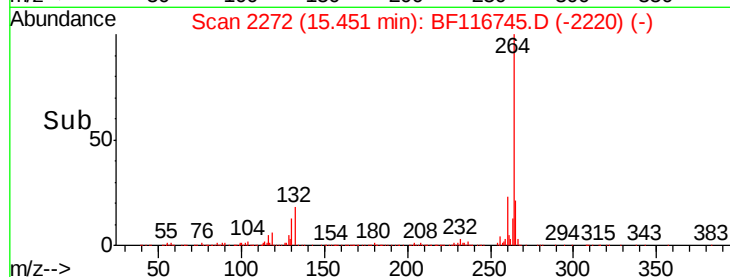
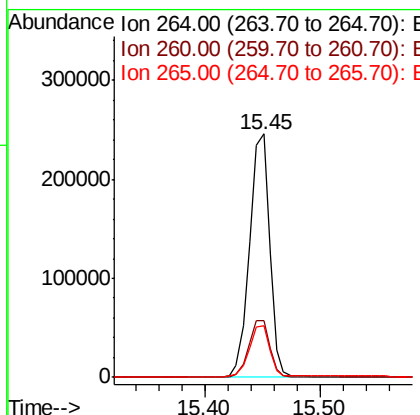
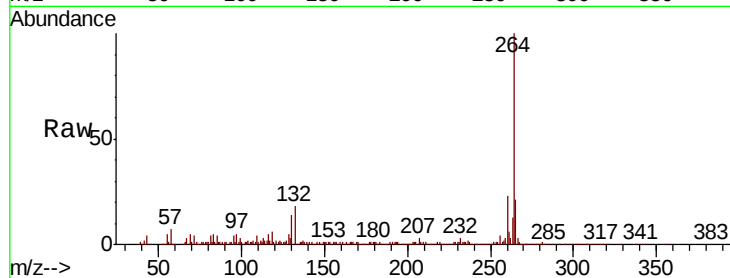
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.3	16.5	24.7

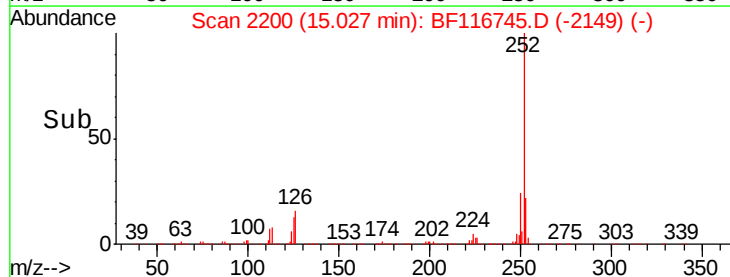
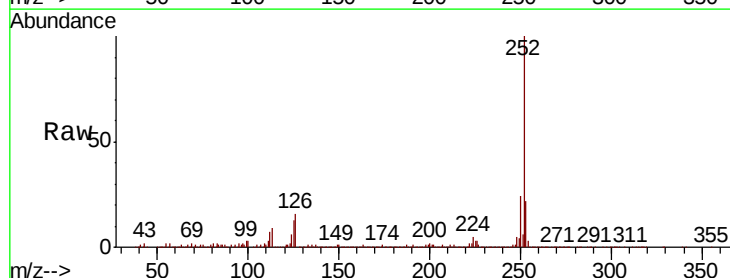
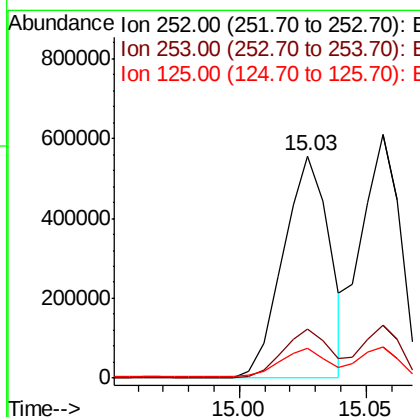
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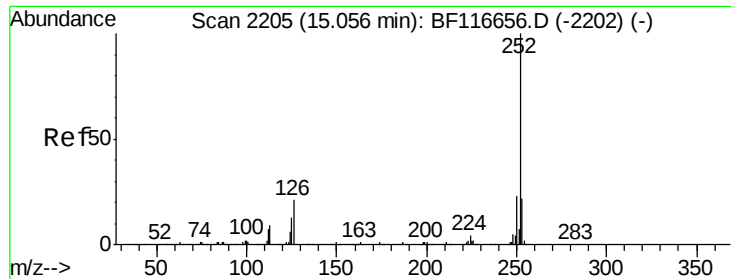
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#88
Benzo(b)fluoranthene
Concen: 38.881 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	13.4	8.2	12.2#





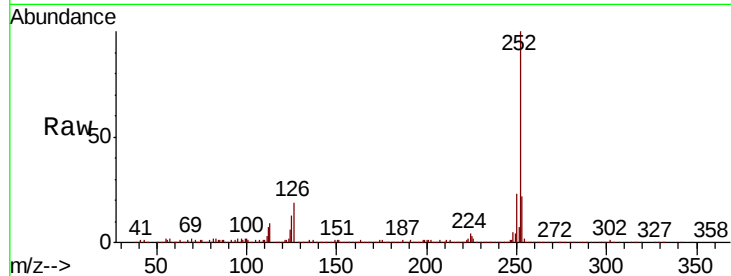
#89
Benzo(k)fluoranthene
Concen: 39.032 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	13.0	8.6	13.0

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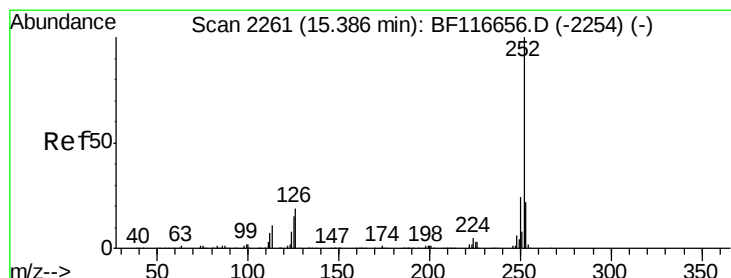
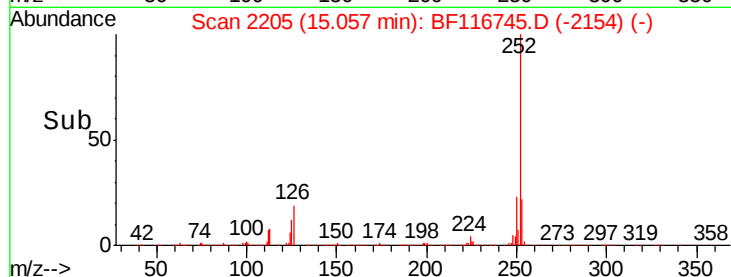
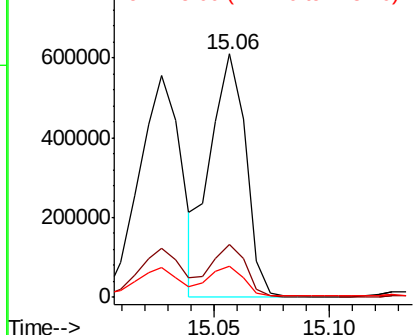


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 41.965 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

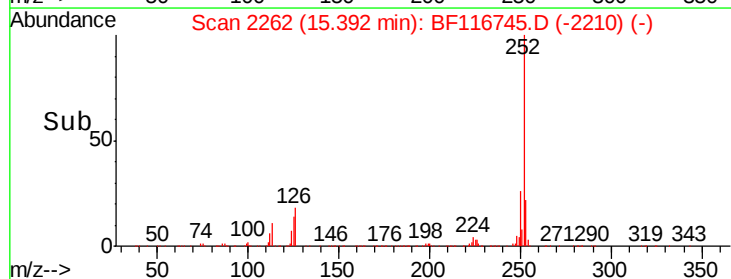
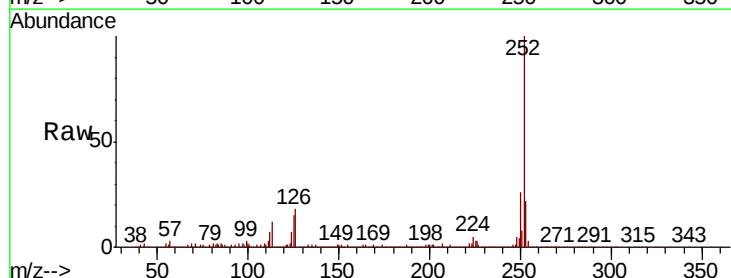
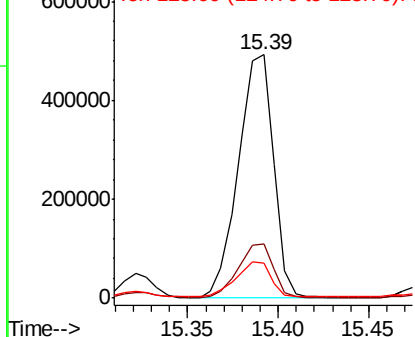
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.5	9.8	14.8

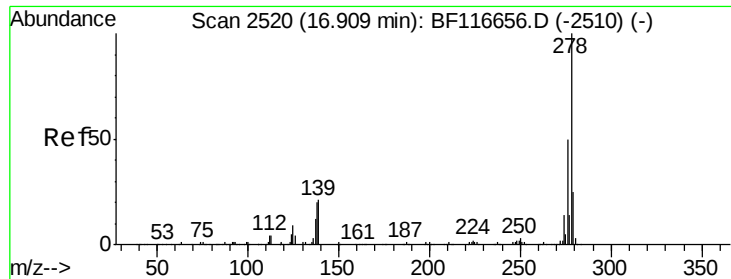
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





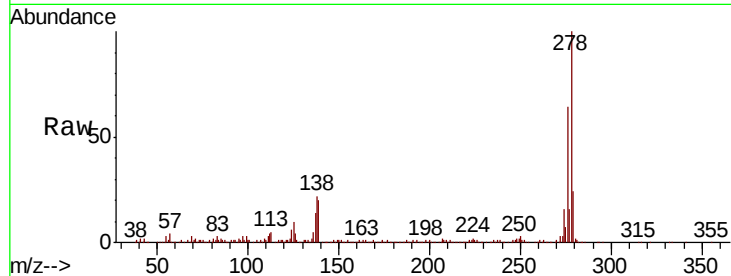
#91
Dibenzo(a,h)anthracene
Concen: 35.738 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.4	18.6#
279	24.0	18.2	27.4

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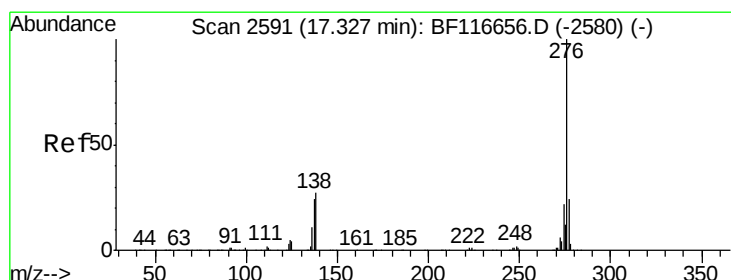
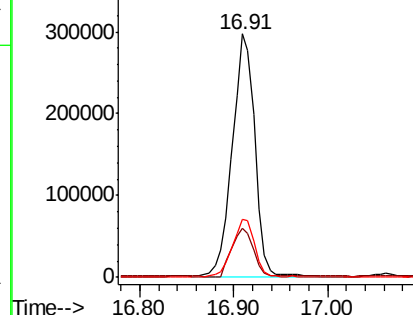
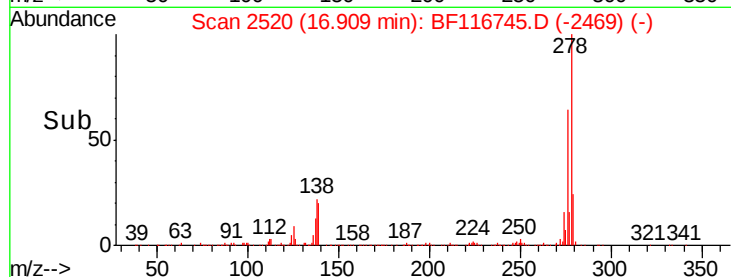


Abundance

Ion 278.00 (277.70 to 278.70): E

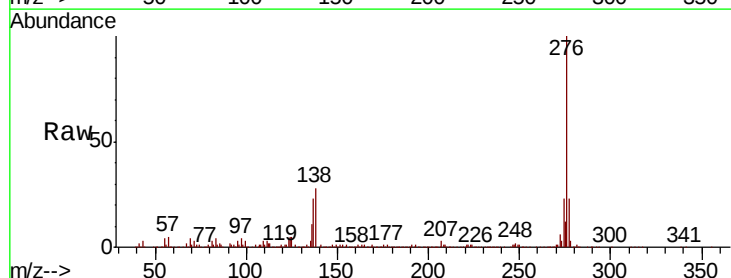
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.608 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116745.D
Acq: 1 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	27.5	16.2	24.2#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

