

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116207.D
 Acq On : 12 Aug 2019 23:41
 Operator : HP/JU
 Sample : K4152-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM

Quant Time: Aug 13 01:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114515	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	449422	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	248378	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	449972	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322276	20.00	ng	0.00
87) Perylene-d12	15.46	264	311261	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	840377	122.85	ng	0.00
7) Phenol-d6	6.48	99	1022307	118.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	745966	95.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	335700	139.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1245771	93.95	ng	-0.01
79) Terphenyl-d14	12.94	244	1598419	104.51	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	122003	35.304	ng	# 85
3) Pyridine	3.47	79	133760	13.856	ng	96
4) n-Nitrosodimethylamine	3.36	42	144633	37.965	ng	98
6) Aniline	6.51	93	115698	9.361	ng	# 80
8) 2-Chlorophenol	6.63	128	345067	45.618	ng	100
9) Benzaldehyde	6.40	77	28451	4.778	ng	98
10) Phenol	6.49	94	387459	38.123	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	335392	44.885	ng	97
12) 1,3-Dichlorobenzene	6.77	146	322267	36.864	ng	99
13) 1,4-Dichlorobenzene	6.85	146	332838	38.025	ng	99
14) 1,2-Dichlorobenzene	7.00	146	315224	39.111	ng	99
15) Benzyl Alcohol	6.98	79	284712	43.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	427270	41.922	ng	89
17) 2-Methylphenol	7.10	107	289231	45.157	ng	95
18) Hexachloroethane	7.34	117	116624	36.189	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	242273	45.300	ng	99
20) 3+4-Methylphenols	7.25	107	367650	48.505	ng	92
22) Acetophenone	7.25	105	482995	49.003	ng	96
24) Nitrobenzene	7.42	77	393313	46.785	ng	99
25) Isophorone	7.66	82	708321	47.578	ng	100
26) 2-Nitrophenol	7.73	139	188076	47.460	ng	100
27) 2,4-Dimethylphenol	7.77	122	321802	53.975	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	431222	46.732	ng	99
29) 2,4-Dichlorophenol	7.98	162	314331	49.933	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	312457	43.543	ng	99
31) Naphthalene	8.13	128	987741	46.704	ng	99
32) Benzoic acid	7.92	122	129129	30.720	ng	98
33) 4-Chloroaniline	8.20	127	58362	6.176	ng	98
34) Hexachlorobutadiene	8.25	225	168765	40.831	ng	100
35) Caprolactam	8.57	113	74030m	36.360	ng	
36) 4-Chloro-3-methylphenol	8.68	107	334547	51.084	ng	98
37) 2-Methylnaphthalene	8.83	142	690482	49.574	ng	98
38) 1-Methylnaphthalene	8.93	142	641678	48.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308584	46.472	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116207.D
 Acq On : 12 Aug 2019 23:41
 Operator : HP/JU
 Sample : K4152-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM

Quant Time: Aug 13 01:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	126810	45.313	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	209014	45.731	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	227666	48.188	nq	98
46) 1,1'-Biphenyl	9.29	154	842644	48.054	nq	98
47) 2-Chloronaphthalene	9.32	162	665227	45.580	nq	100
48) 2-Nitroaniline	9.42	65	225360	46.716	nq	99
49) Acenaphthylene	9.73	152	1024619	48.122	nq	98
50) Dimethylphthalate	9.59	163	833229	49.269	nq	99
51) 2,6-Dinitrotoluene	9.66	165	181374	49.351	nq #	82
52) Acenaphthene	9.90	154	620437	47.498	nq	100
53) 3-Nitroaniline	9.83	138	72431	15.950	nq	96
54) 2,4-Dinitrophenol	9.95	184	130228	70.677	nq	98
55) Dibenzofuran	10.08	168	891674	46.940	nq	98
56) 4-Nitrophenol	10.01	139	231885	79.710	nq	96
57) 2,4-Dinitrotoluene	10.07	165	234070	47.835	nq	95
58) Fluorene	10.42	166	730023	49.950	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	201720	50.749	nq	99
60) Diethylphthalate	10.29	149	780978	49.463	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	360078	48.647	nq	97
62) 4-Nitroaniline	10.45	138	183715	39.146	nq	99
63) Azobenzene	10.57	77	804024	49.508	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	106829	44.800	nq	92
66) n-Nitrosodiphenylamine	10.53	169	655319	48.386	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	225463	46.806	nq	98
68) Hexachlorobenzene	10.97	284	255305	45.835	nq	98
69) Atrazine	11.05	200	144562	32.445	nq	99
70) Pentachlorophenol	11.17	266	246901	91.302	nq	96
71) Phenanthrene	11.38	178	1123449	48.838	nq	99
72) Anthracene	11.43	178	1168552	50.194	nq	99
73) Carbazole	11.59	167	1103204	52.232	nq	99
74) Di-n-butylphthalate	11.91	149	1248959	50.690	nq	99
75) Fluoranthene	12.57	202	1217205	50.543	nq	99
78) Pyrene	12.80	202	1237060	50.921	nq	99
80) Butylbenzylphthalate	13.40	149	553039	53.817	nq	93
81) Benzo(a)anthracene	13.99	228	1000059	48.550	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	151349	21.149	nq	99
83) Chrysene	14.03	228	979670	48.988	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	755062	56.542	nq	99
85) Di-n-octyl phthalate	14.57	149	1182896	55.768	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	955532	56.889	nq	100
88) Benzo(b)fluoranthene	15.04	252	838610	46.596	nq	99
89) Benzo(k)fluoranthene	15.07	252	903549	51.544	nq	97
90) Benzo(a)pyrene	15.40	252	828931	51.524	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	798819	57.361	nq	99
92) Benzo(g,h,i)perylene	17.39	276	800201	58.508	nq	98

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

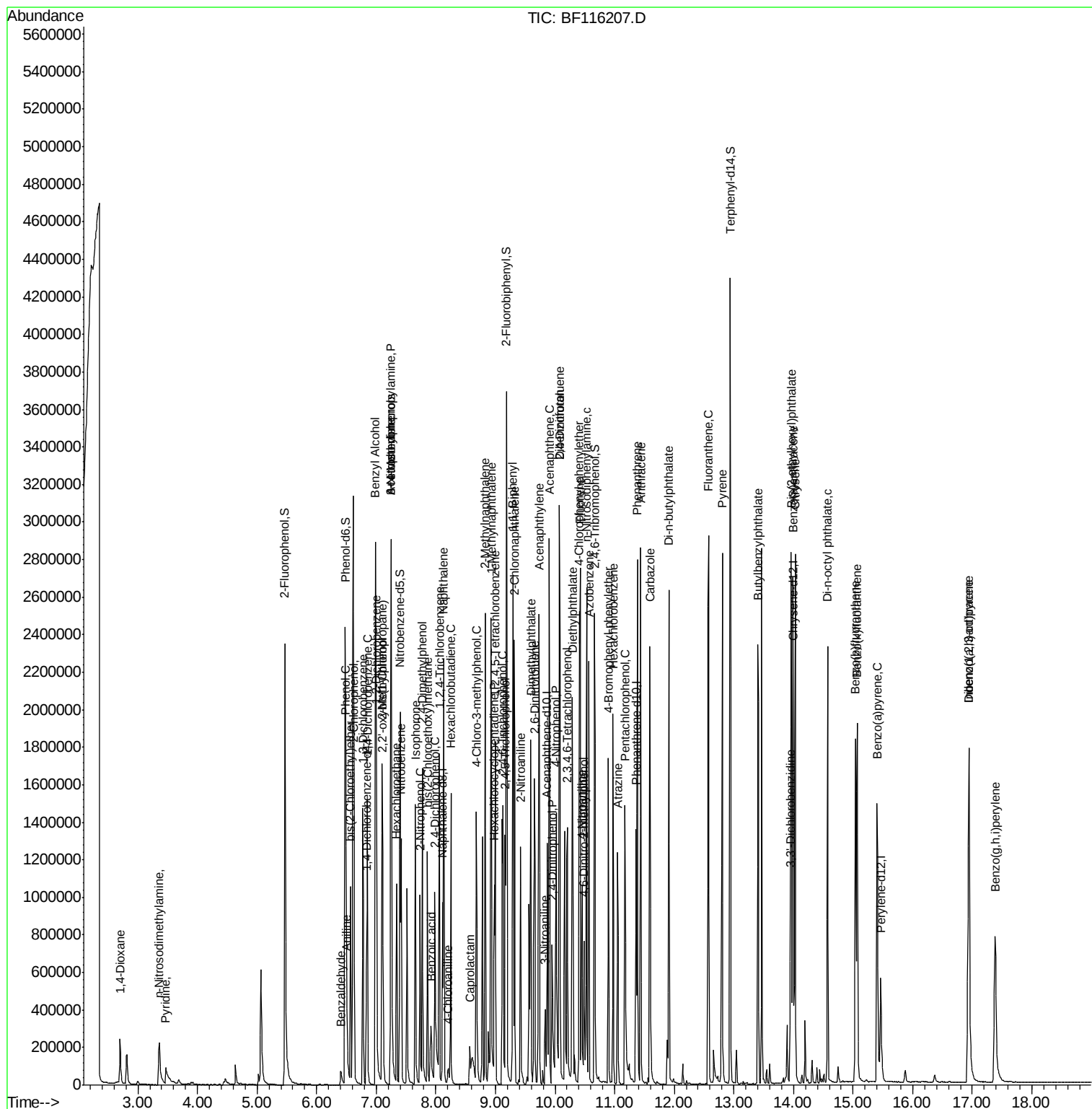
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116207.D
 Acq On : 12 Aug 2019 23:41
 Operator : HP/JU
 Sample : K4152-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM

Quant Time: Aug 13 01:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration





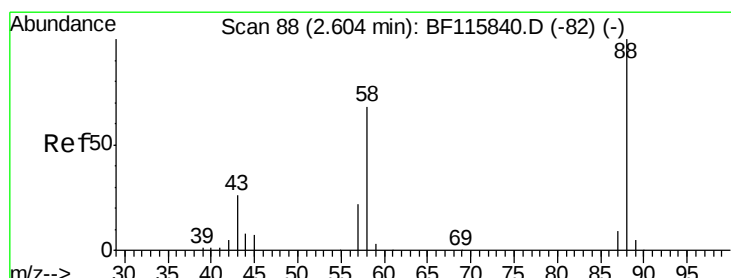
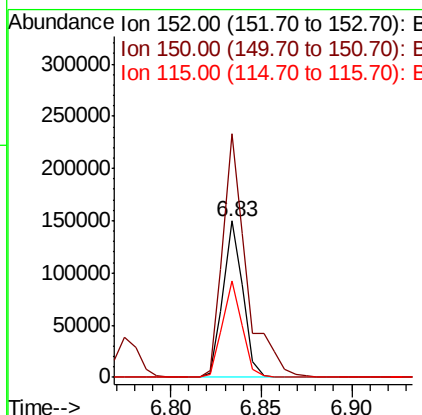
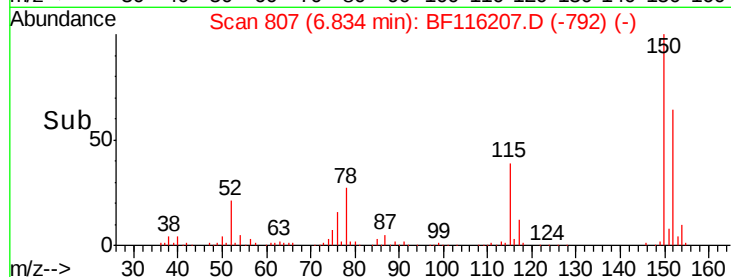
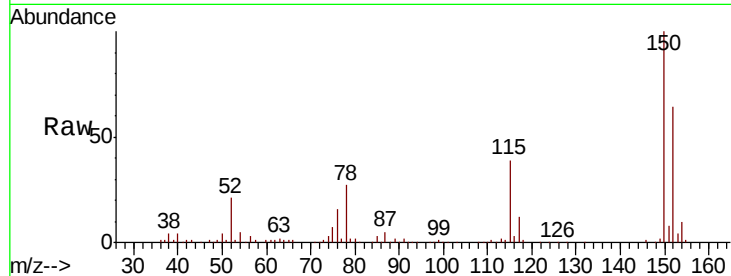
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	61.3	49.9	74.9

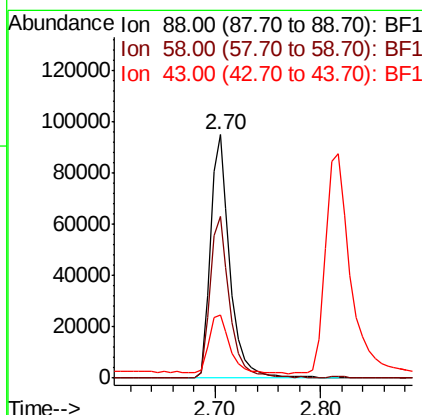
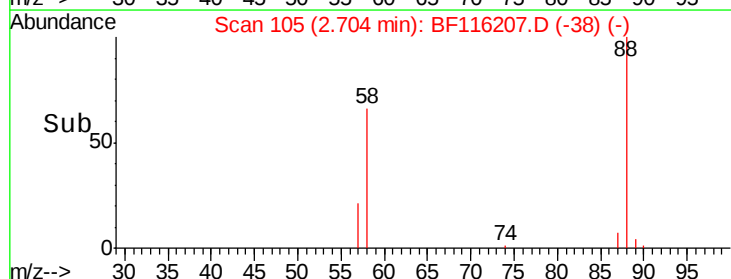
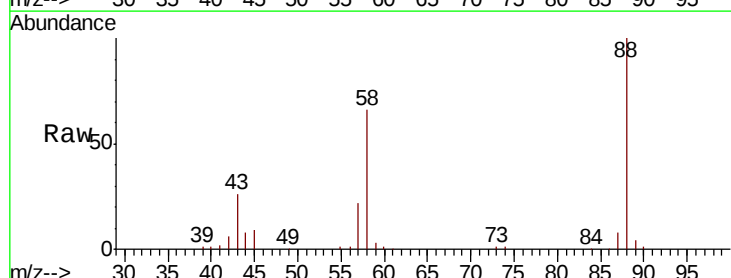
Manual Integrations
 APPROVED

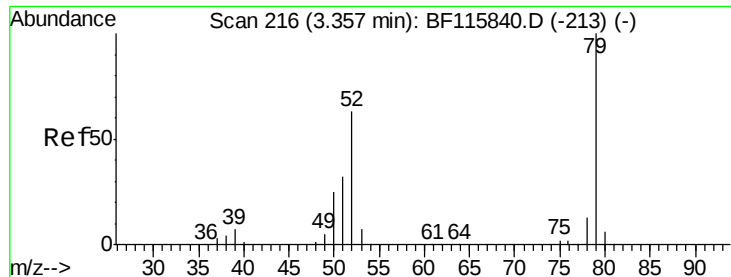
mohammad
 8/14/2019 2:53:41 AM



#2
 1,4-Dioxane
 Concen: 35.304 ng
 RT: 2.70 min Scan# 105
 Delta R.T. 0.09 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	53.7	80.5
43	0.0	21.0	31.4





#3

Pvridine

Concen: 13.856 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

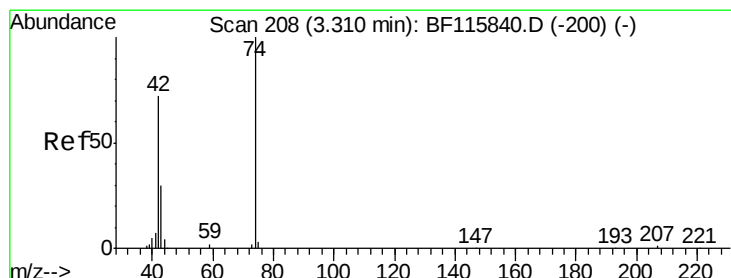
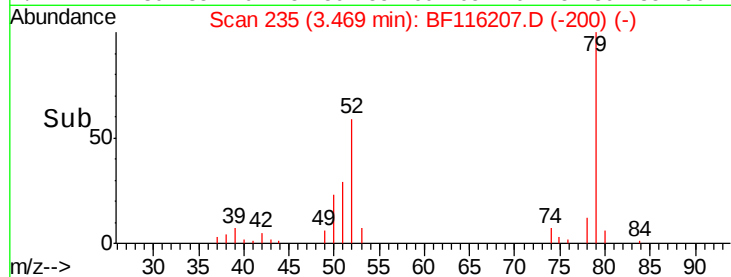
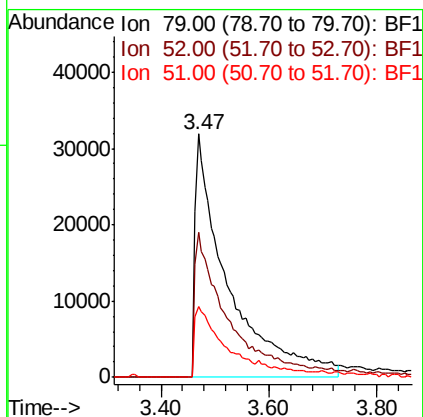
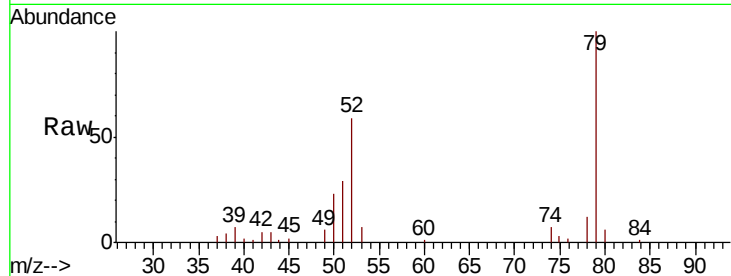
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

Tot Ion:	79	Resp:	133760
Ion	Ratio	Lower	Upper
79	100		
52	59.4	49.8	74.8
51	29.0	25.2	37.8

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#4

n-Nitrosodimethylamine

Concen: 37.965 ng

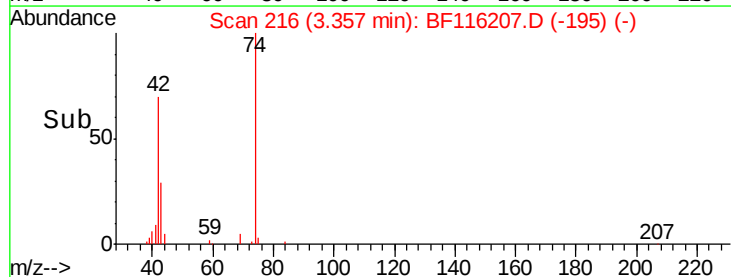
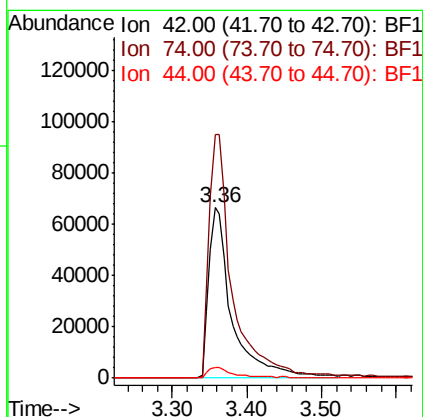
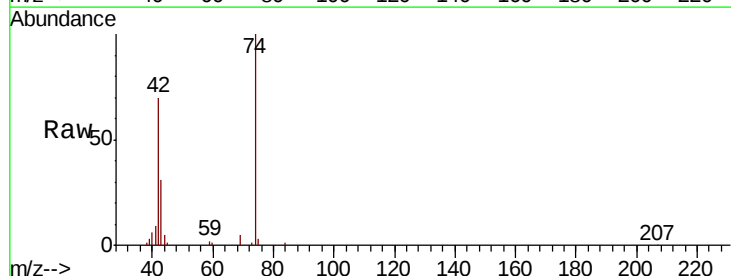
RT: 3.36 min Scan# 216

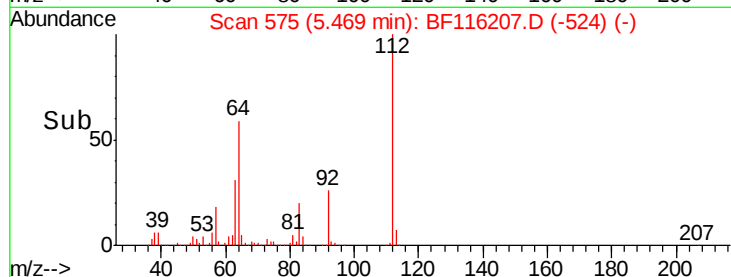
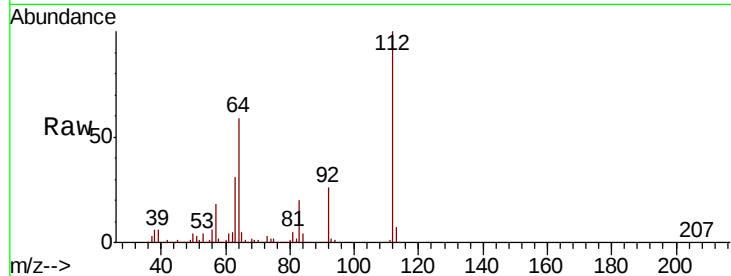
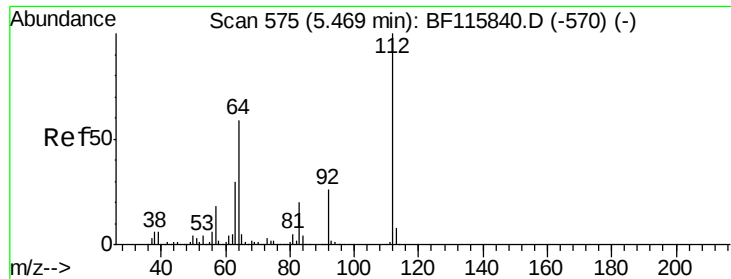
Delta R.T. 0.02 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Tgt Ion:	42	Resp:	144633
Ion	Ratio	Lower	Upper
42	100		
74	143.2	116.0	174.0
44	6.6	4.6	7.0





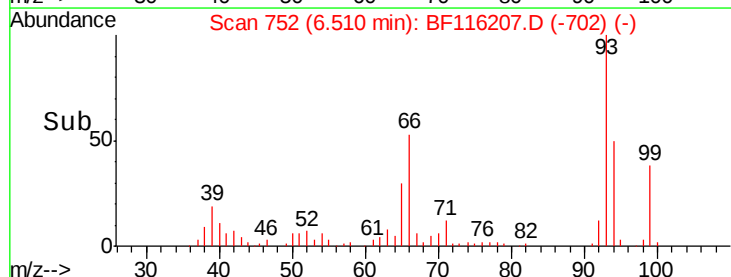
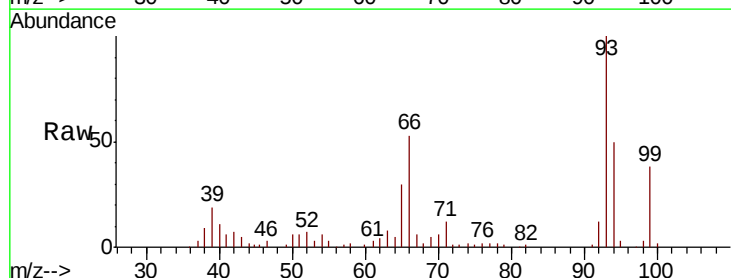
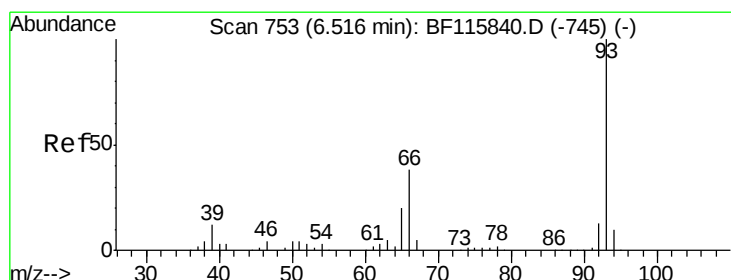
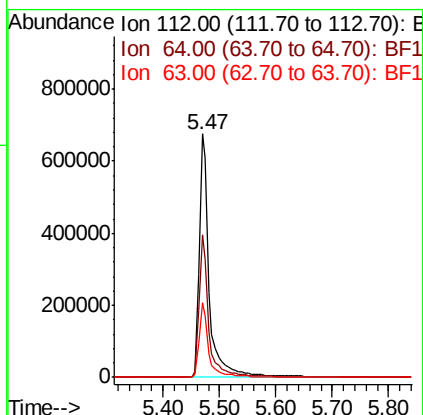
#5
2-Fluorophenol
Concen: 122.852 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tot Ion	Ratio	Resp	Lower	Upper
112	100	840377		
64	58.7		45.4	68.2
63	30.9		23.7	35.5

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

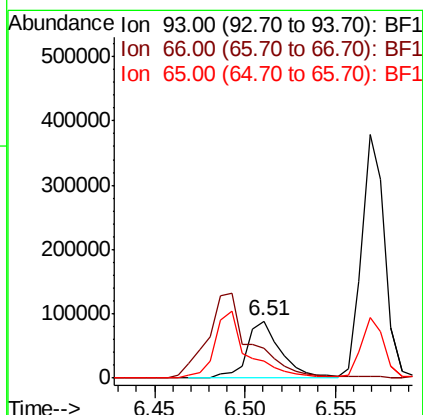
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#6
Aniline
Concen: 9.361 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	115698		
66	53.1		32.2	48.4#
65	30.2		17.0	25.6#





#7

Phenol-d6

Concen: 118.452 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

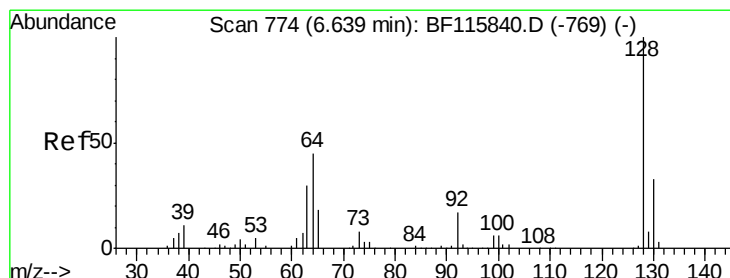
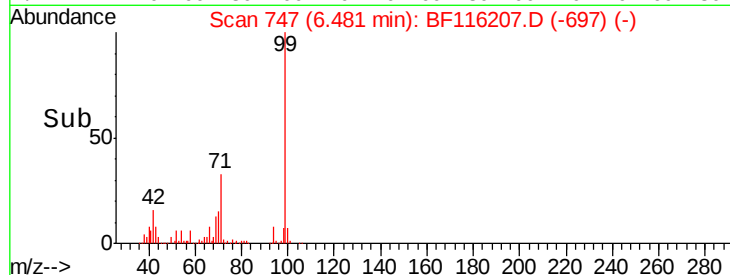
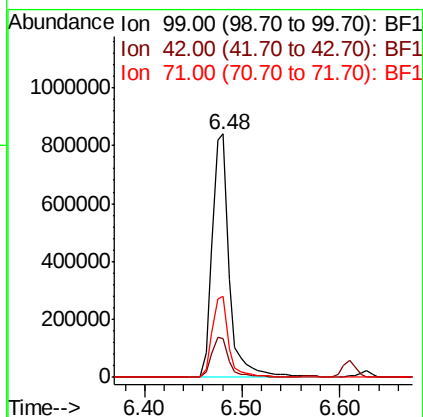
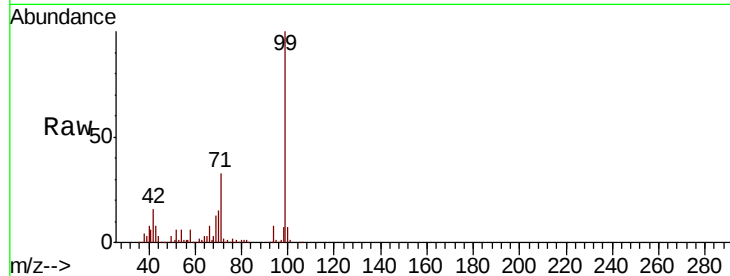
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

Tot Ion:	99	Resp:	1022307
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.8
71	33.2	27.3	40.9

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#8

2-Chlorophenol

Concen: 45.618 ng

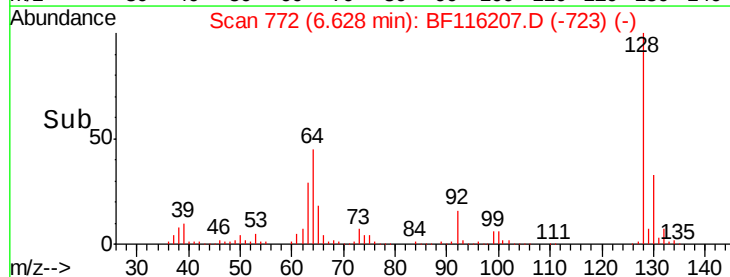
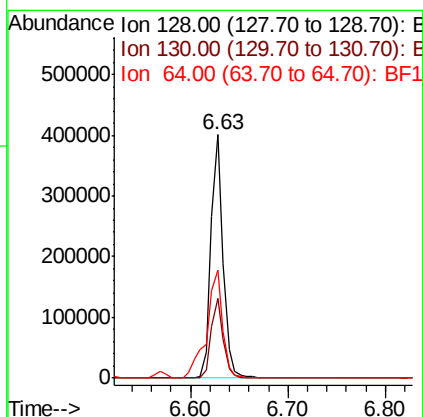
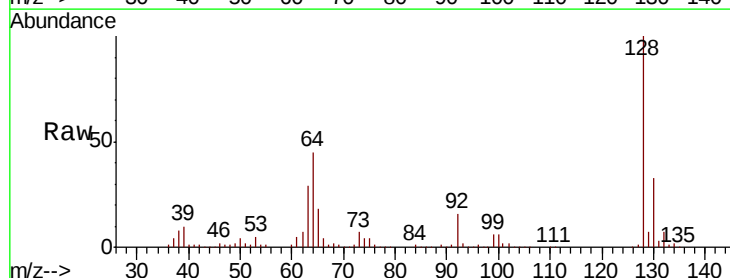
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Tgt Ion:	128	Resp:	345067
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	44.5	24.3	64.3





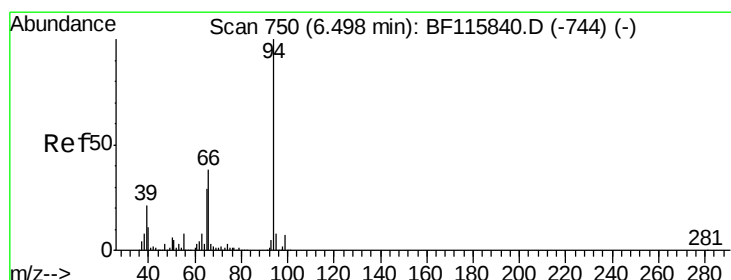
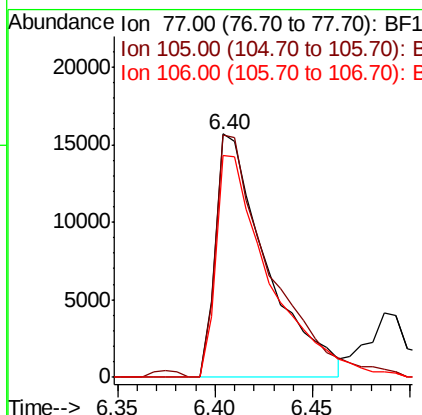
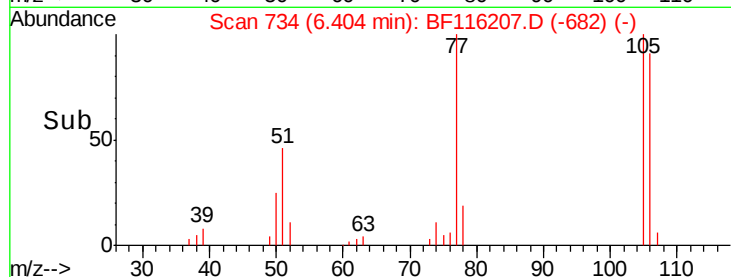
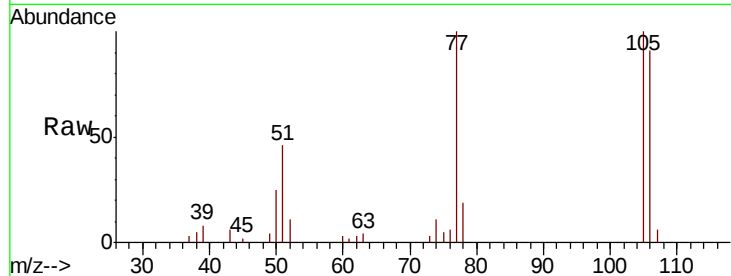
#9
Benzaldehyde
Concen: 4.778 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	79.2	119.2
106	91.0	74.3	114.3

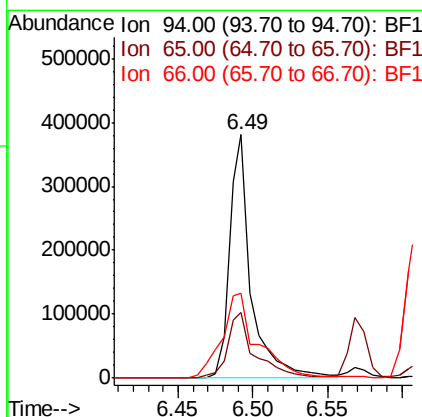
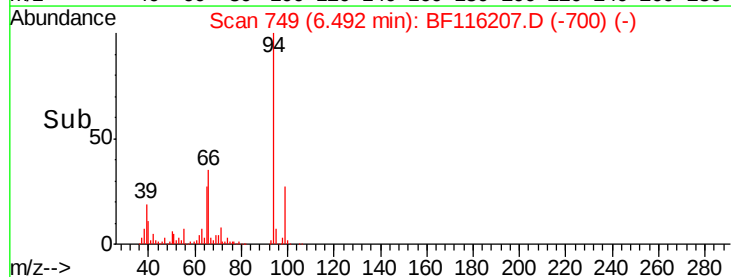
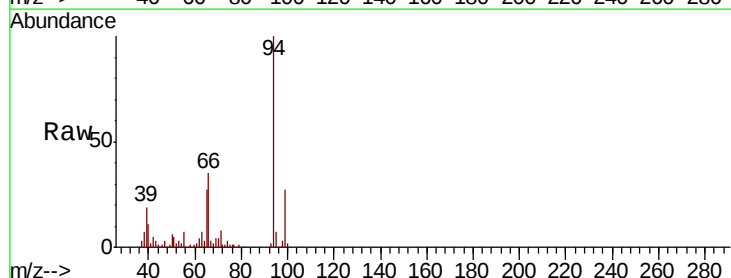
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#10
Phenol
Concen: 38.123 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	16.8	56.8
66	34.8	34.2	74.2





#11

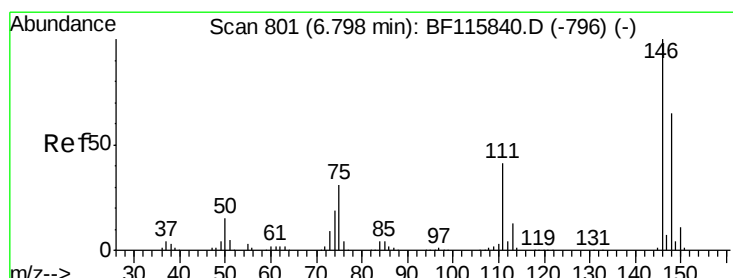
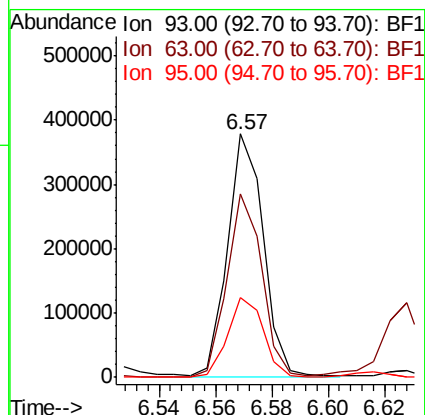
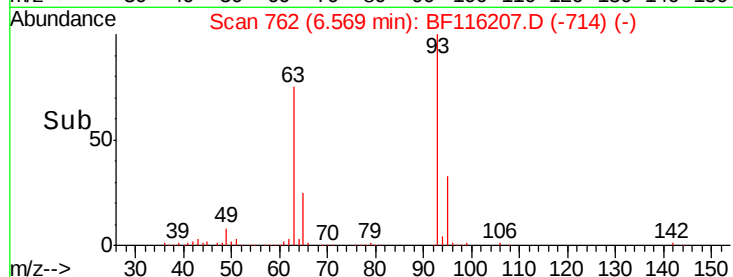
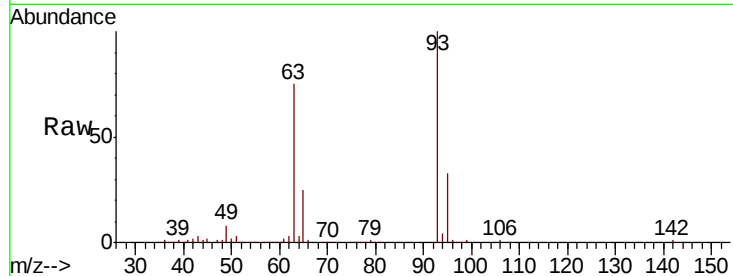
bis(2-Chloroethyl)ether
Concen: 44.885 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion:	93	Resp:	335392
Ion Ratio	Lower	Upper	
93	100		
63	75.4	51.9	91.9
95	32.7	13.0	53.0

Manual Integrations
APPROVED

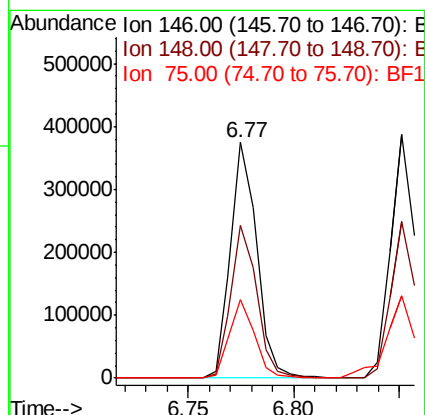
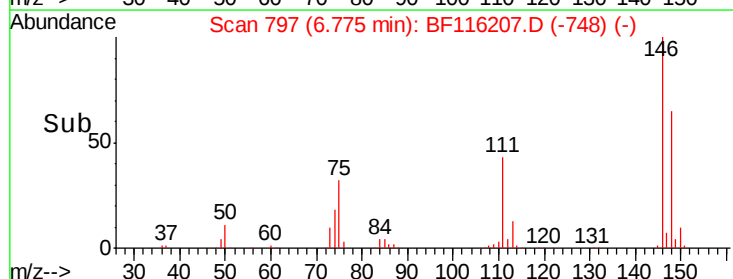
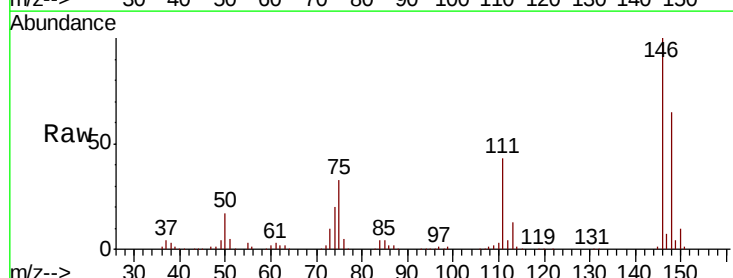
mohammad
8/14/2019 2:53:41 AM

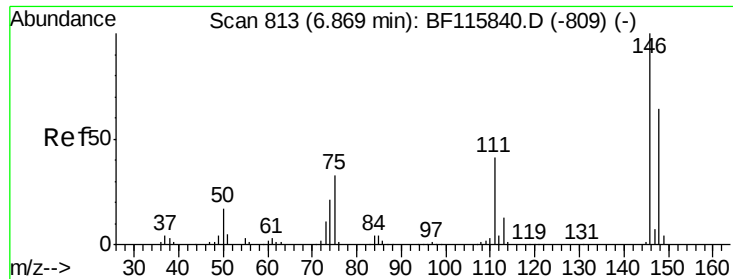


#12

1,3-Dichlorobenzene
Concen: 36.864 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion:	146	Resp:	322267
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
75	33.3	27.4	41.2





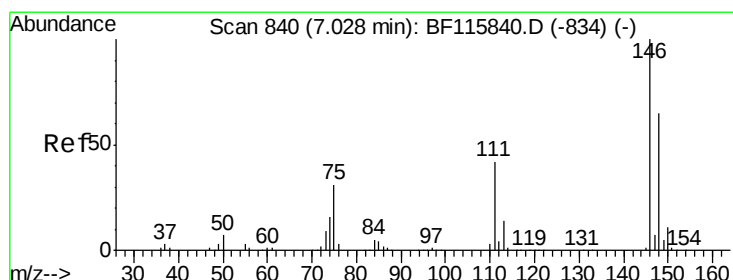
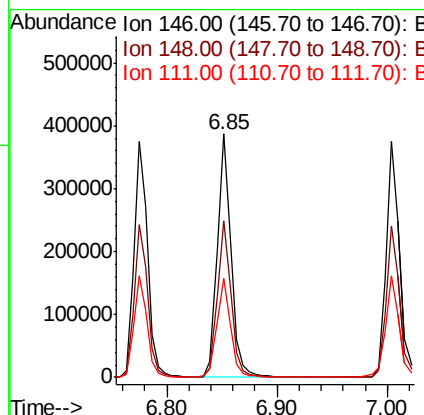
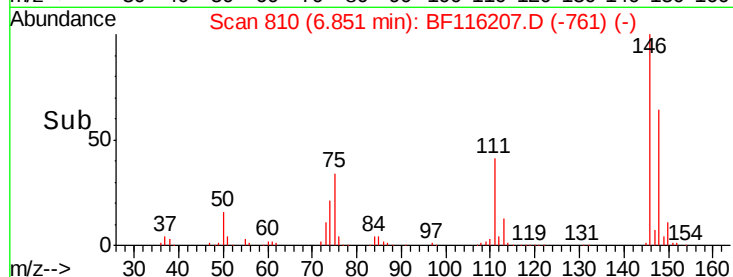
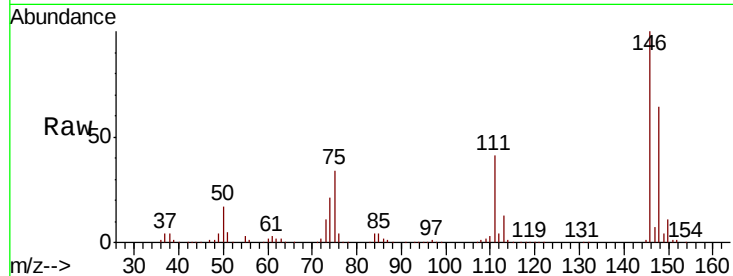
#13
 1,4-Dichlorobenzene
 Concen: 38.025 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleID :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	40.9	34.0	51.0

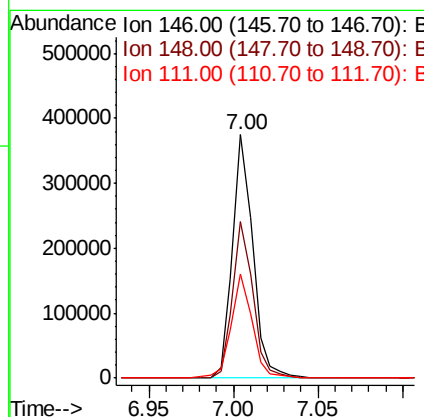
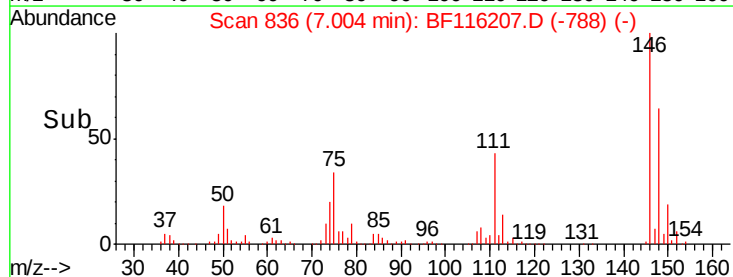
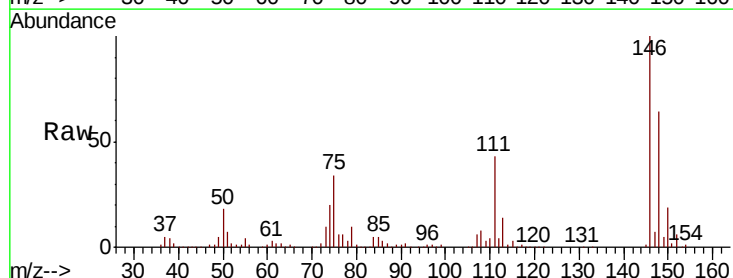
Manual Integrations
 APPROVED

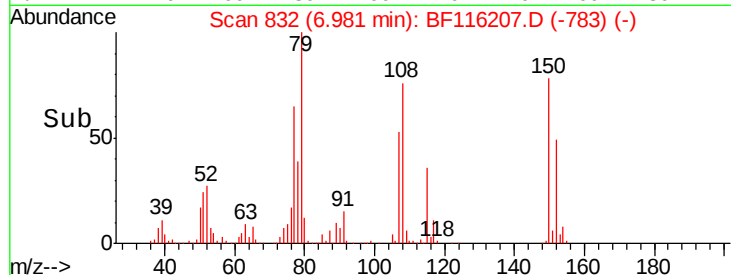
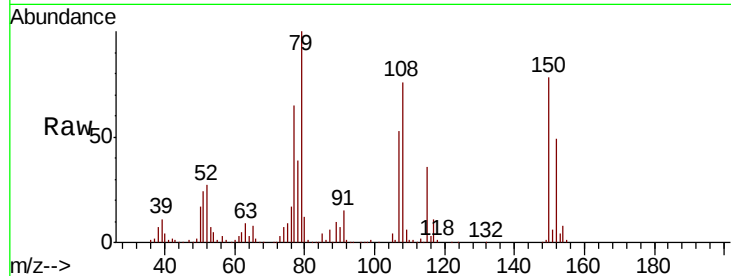
mohammad
 8/14/2019 2:53:41 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.111 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	43.0	33.5	50.3





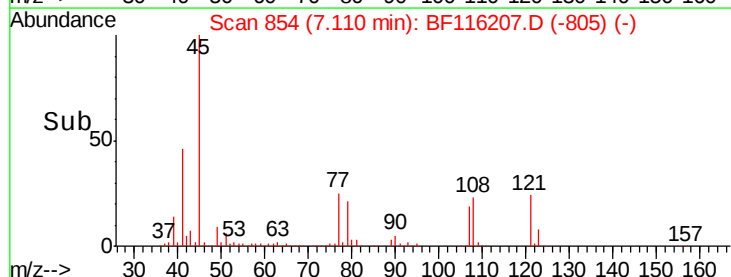
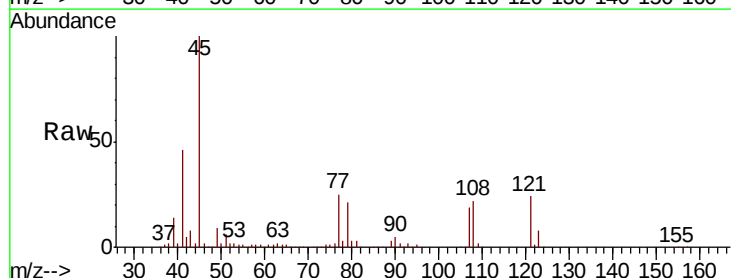
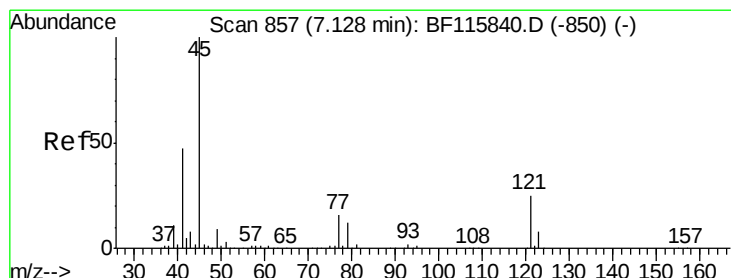
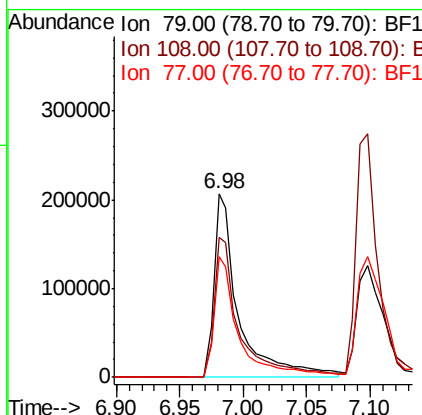
#15
Benzyl Alcohol
Concen: 43.469 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	62.7	94.1
77	65.4	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

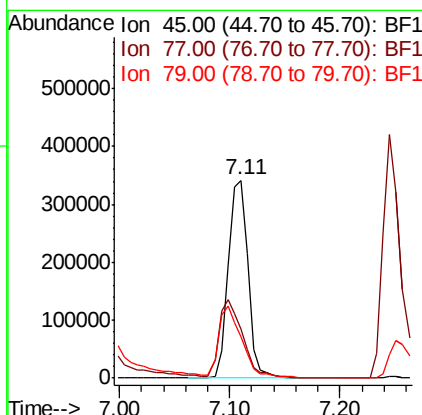
Manual Integrations
APPROVED

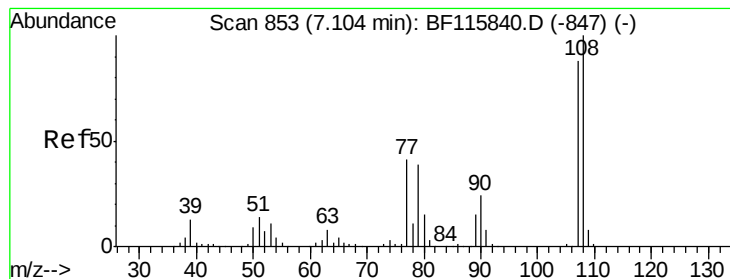
mohammad
8/14/2019 2:53:41 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.922 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.8	0.0	40.0
79	20.8	0.0	35.9





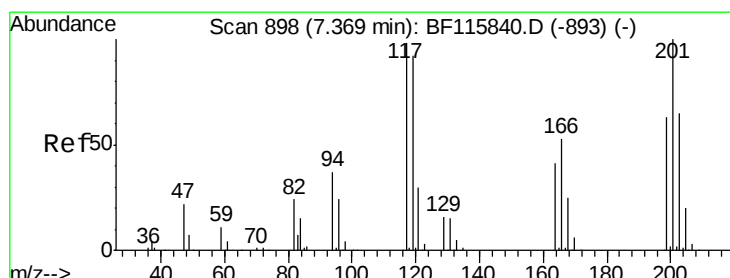
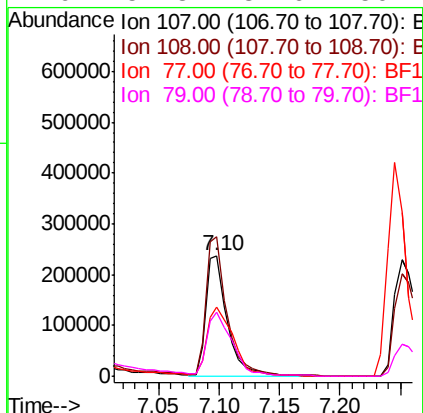
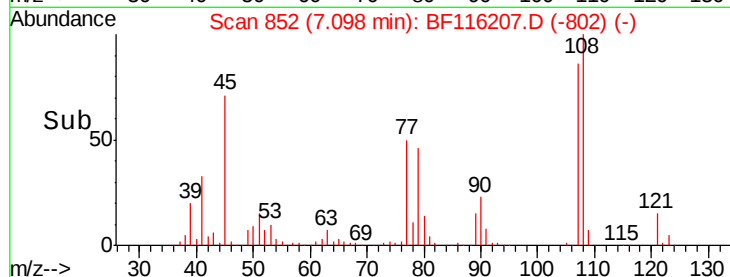
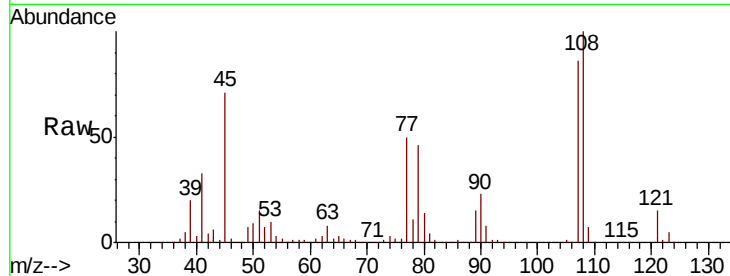
#17
2-Methylphenol
Concen: 45.157 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.6	91.2	136.8	
77	77	57.3	40.3	60.5	
79	79	52.8	37.6	56.4	

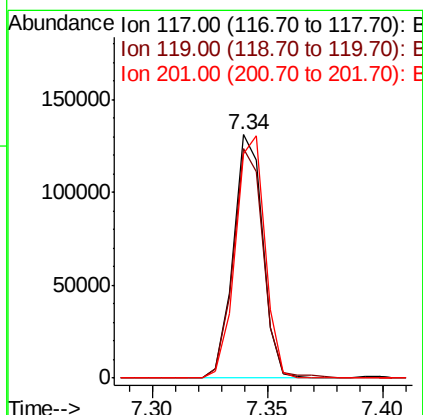
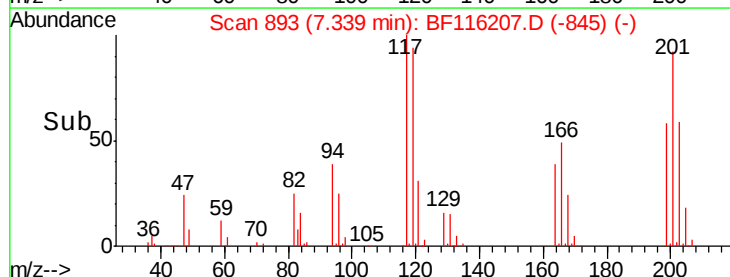
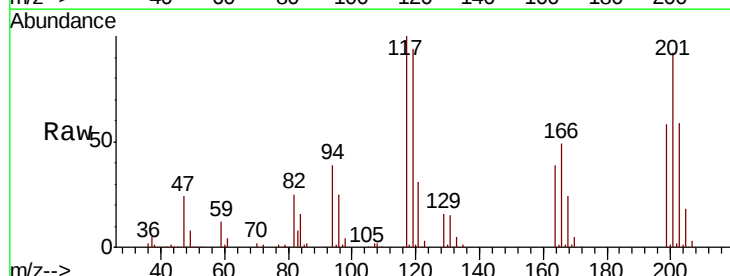
Manual Integrations
APPROVED

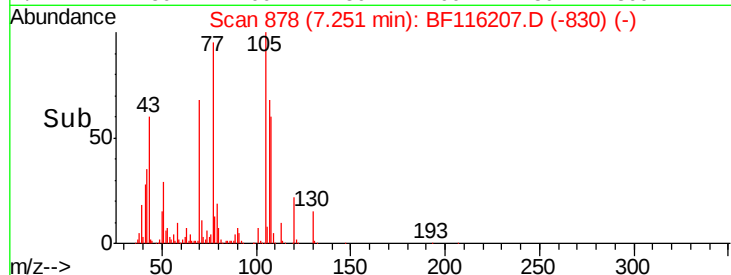
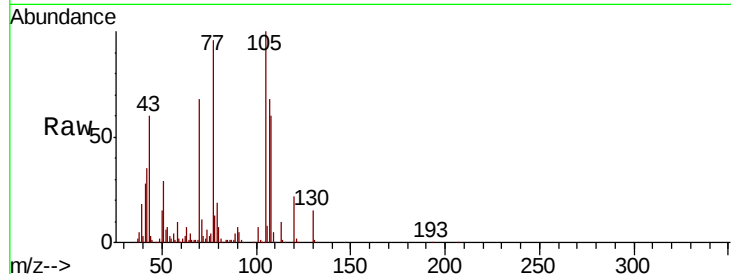
mohammad
8/14/2019 2:53:41 AM



#18
Hexachloroethane
Concen: 36.189 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.2	76.1	114.1	
201	201	92.1	77.0	115.4	





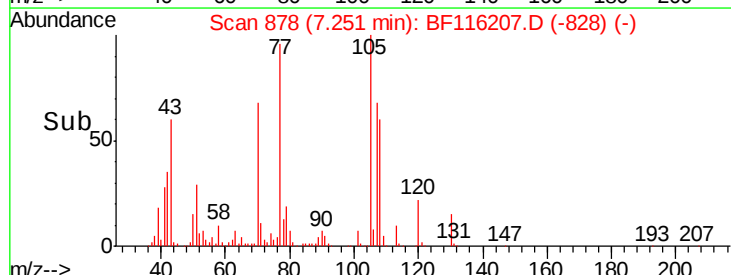
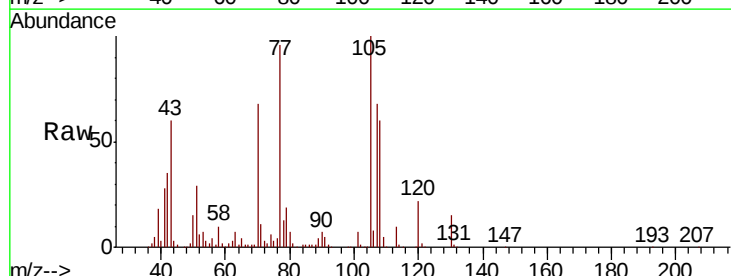
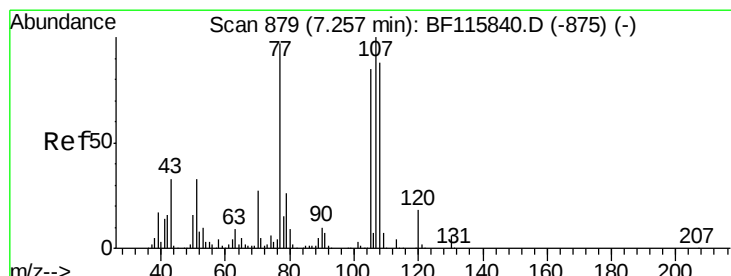
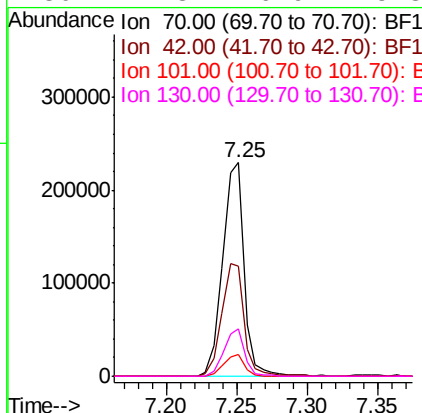
#19
n-Nitroso-di-n-propylamine
Concen: 45.300 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ion	Ratio	Lower	Upper
242273	70	100		
	42	51.4	40.9	61.3
	101	10.0	7.9	11.9
	130	22.3	16.9	25.3

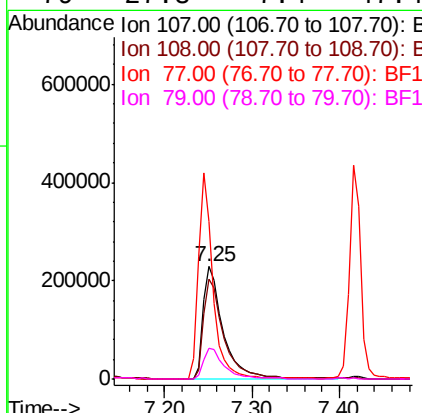
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#20
3+4-Methylphenols
Concen: 48.505 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ion	Ratio	Lower	Upper
367650	107	100		
	108	88.2	67.6	107.6
	77	140.2	104.4	144.4
	79	27.8	7.4	47.4





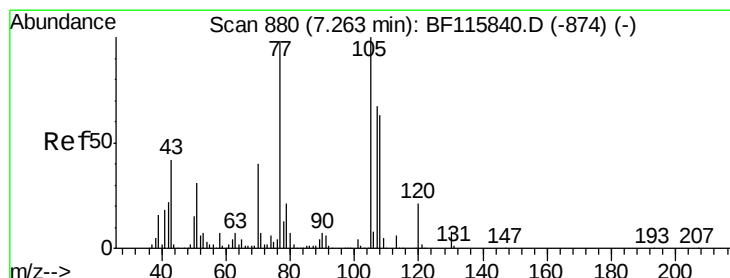
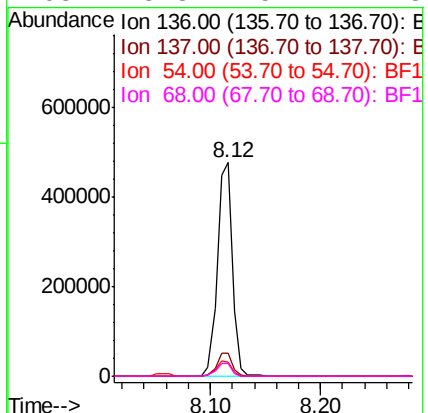
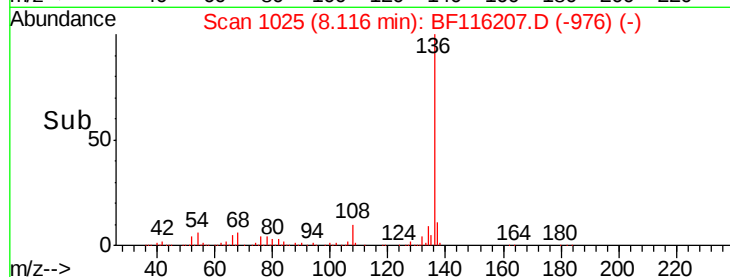
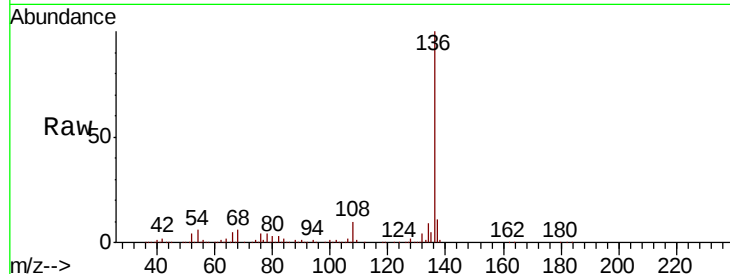
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		449422		
137	11.0		9.0	13.4	
54	6.5		5.8	8.6	
68	5.8		5.2	7.8	

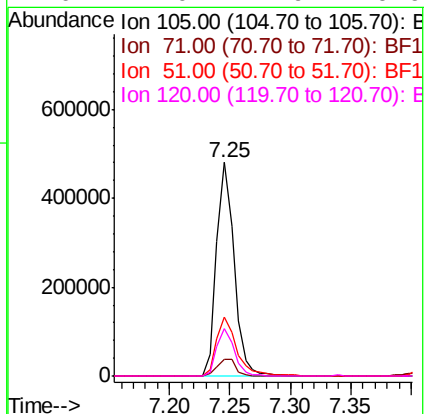
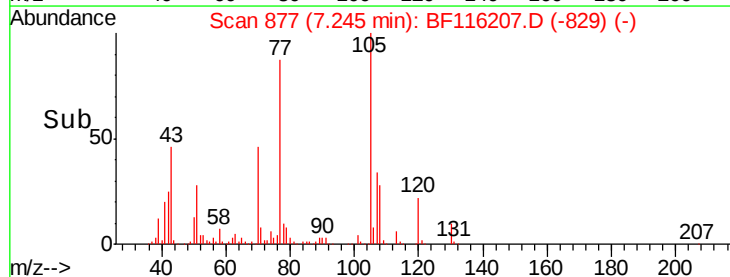
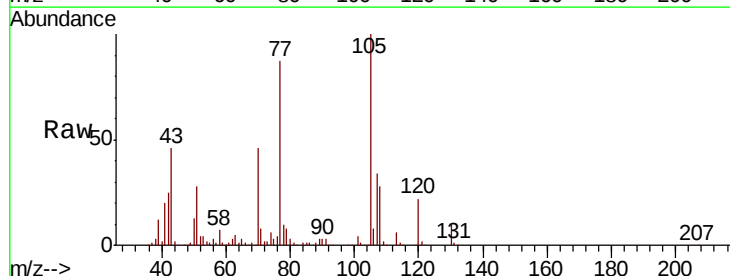
Manual Integrations
APPROVED

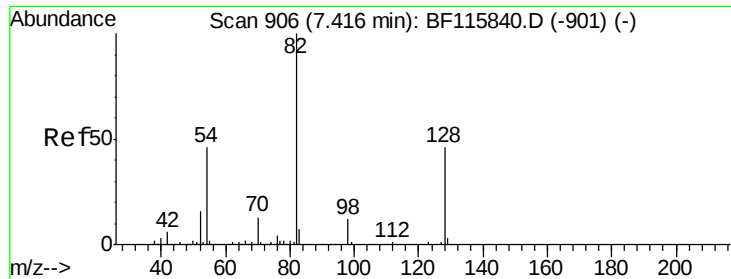
mohammad
8/14/2019 2:53:41 AM



#22
Acetophenone
Concen: 49.003 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		482995		
71	7.6		5.9	8.9	
51	27.6		25.3	37.9	
120	22.0		17.9	26.9	





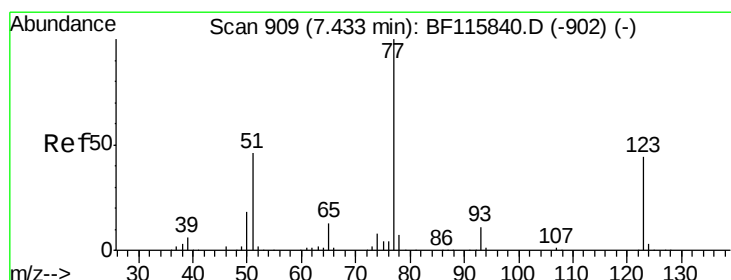
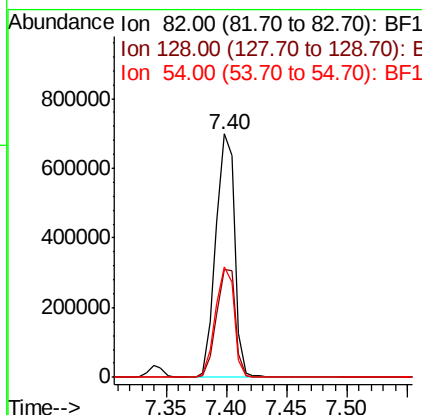
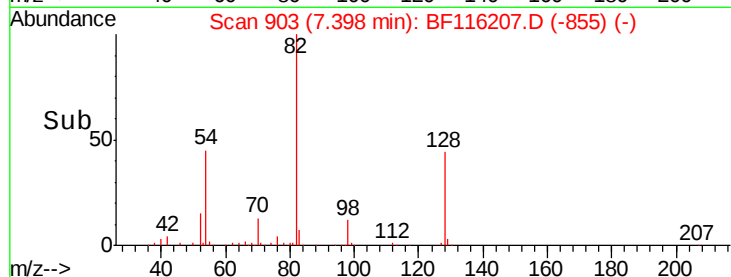
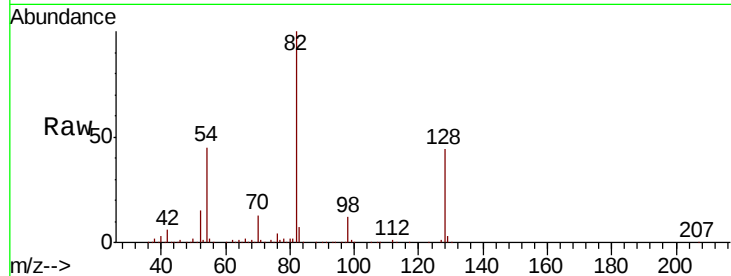
#23
 Nitrobenzene-d5
 Concen: 95.811 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.5	54.7
54	45.2	36.0	54.0

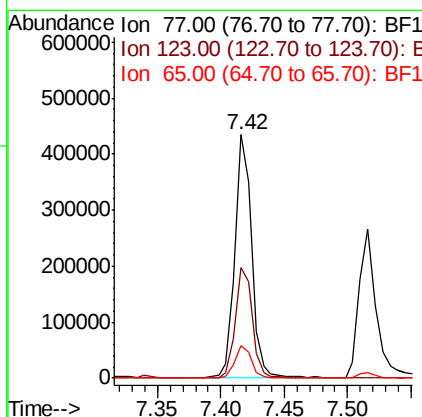
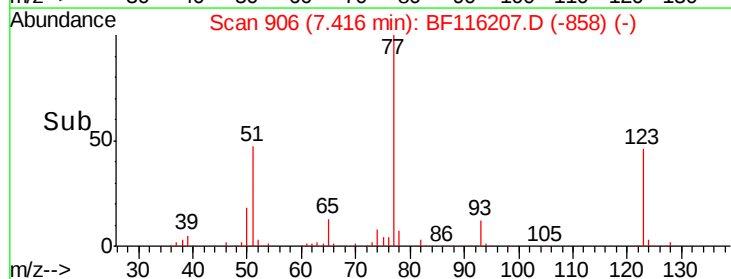
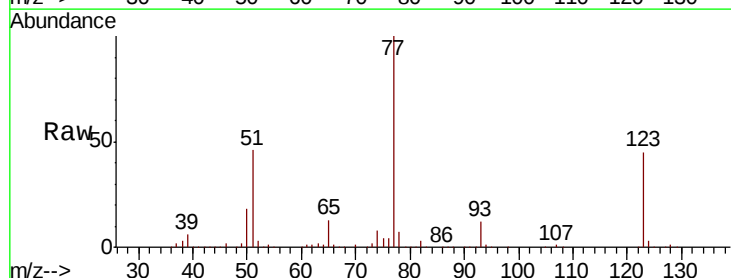
Manual Integrations
 APPROVED

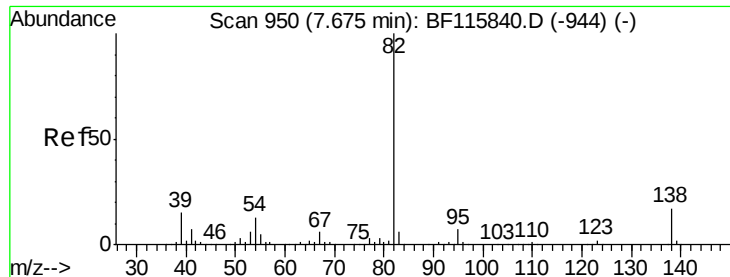
mohammad
 8/14/2019 2:53:41 AM



#24
 Nitrobenzene
 Concen: 46.785 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 47.578 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

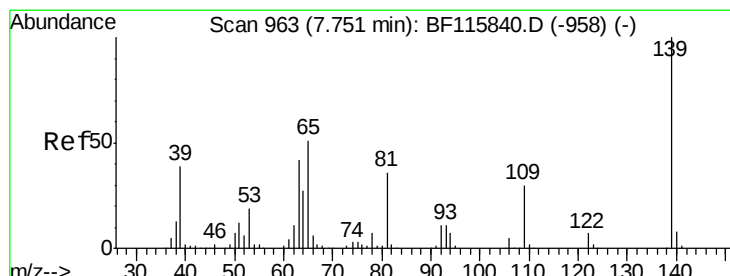
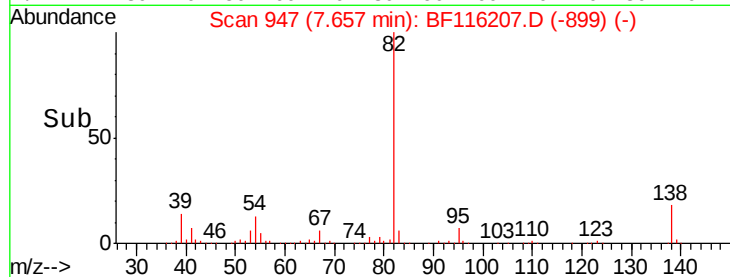
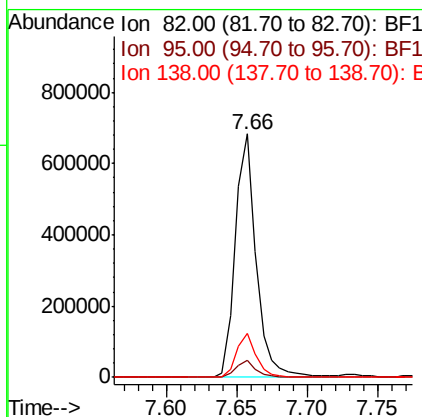
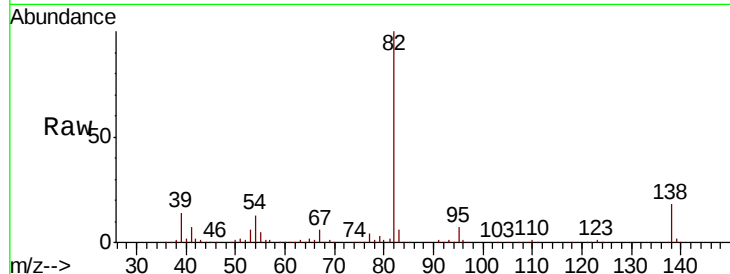
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

Tot Ion:	82	Resp:	708321
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	18.1	14.5	21.7

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#26

2-Nitrophenol

Concen: 47.460 ng

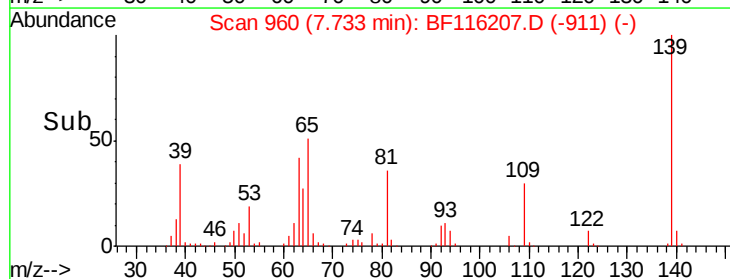
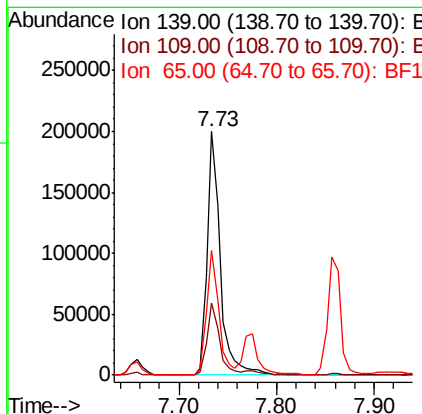
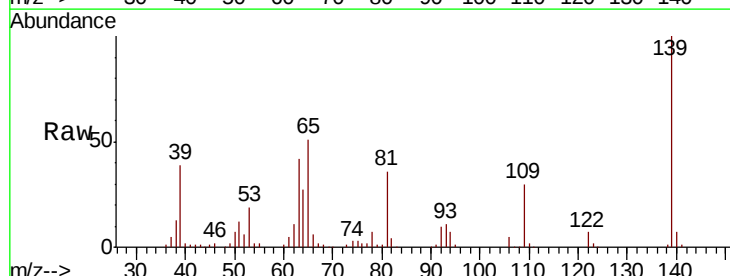
RT: 7.73 min Scan# 960

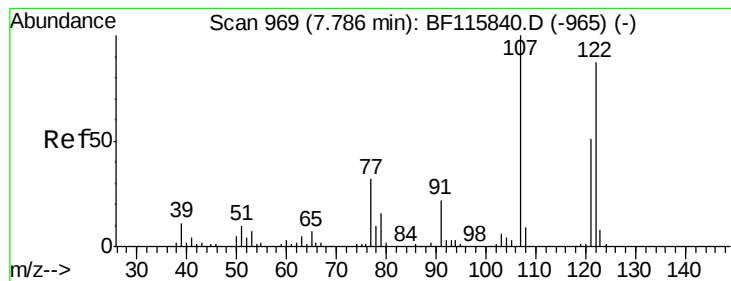
Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Tgt Ion:	139	Resp:	188076
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.4	35.2
65	51.2	41.1	61.7





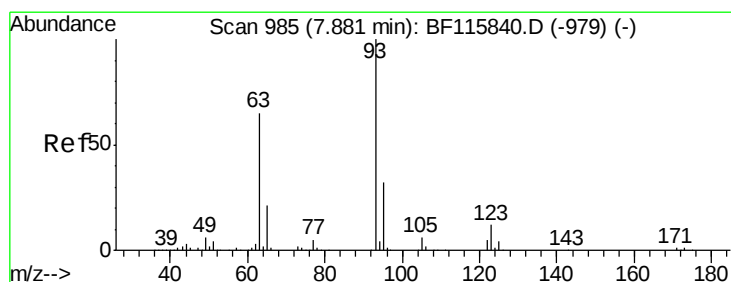
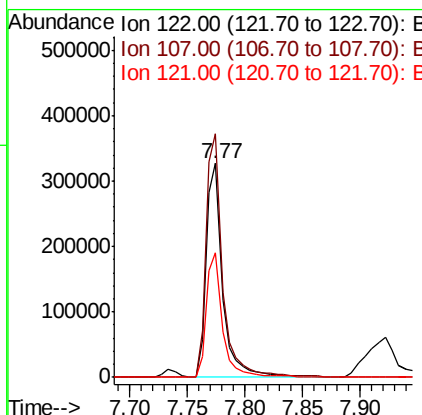
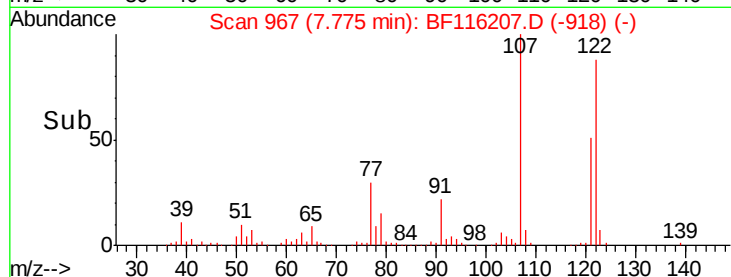
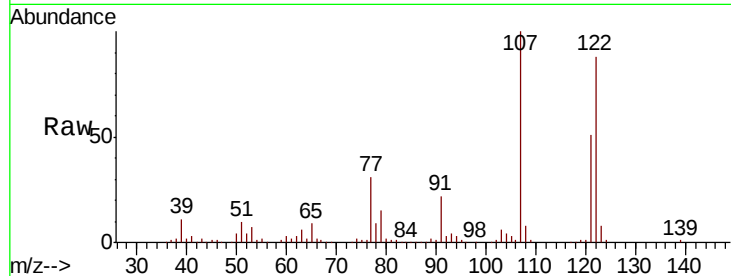
#27
2,4-Dimethylphenol
Concen: 53.975 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	321802		
107	113.7	93.0	139.6	
121	58.1	47.6	71.4	

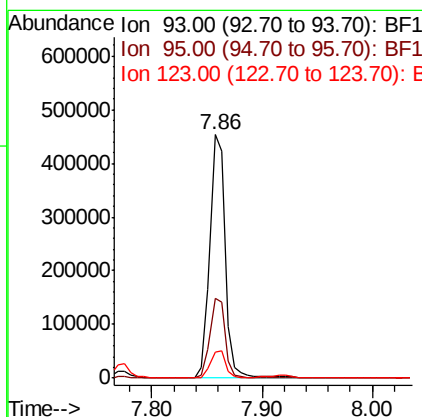
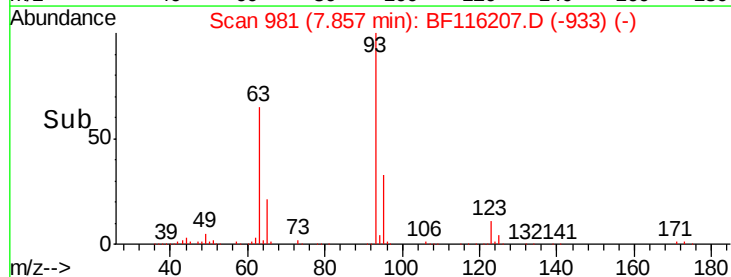
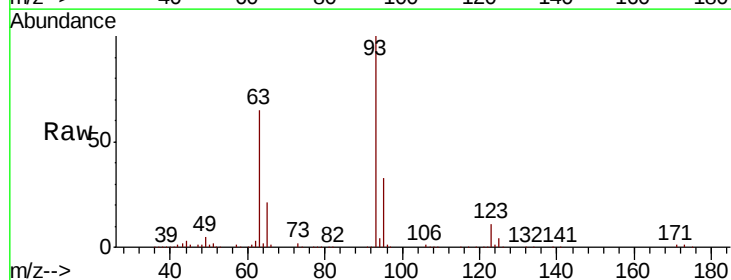
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.732 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	431222		
95	32.7	26.2	39.4	
123	10.9	9.2	13.8	





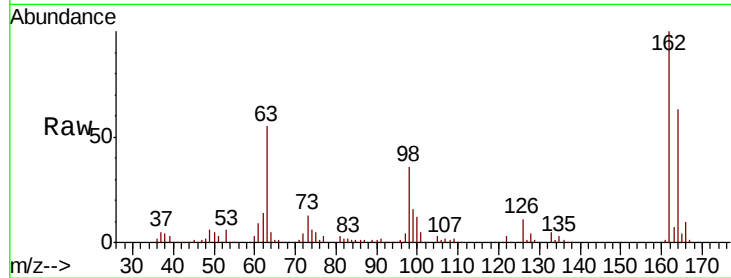
#29
2,4-Dichlorophenol
Concen: 49.933 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314331		
164	63.0	45.1	85.1	
98	36.4	15.8	55.8	

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

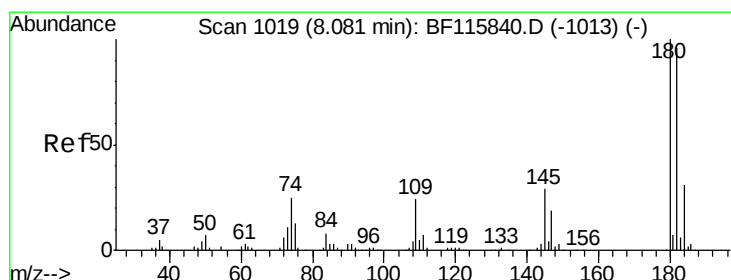
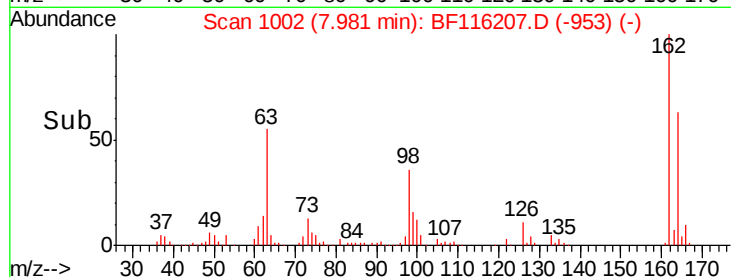
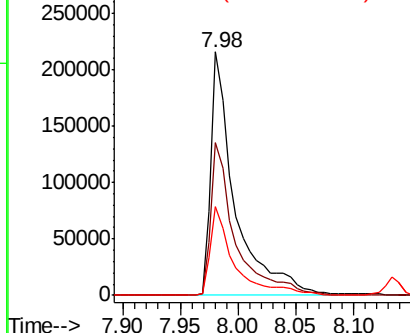


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.543 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

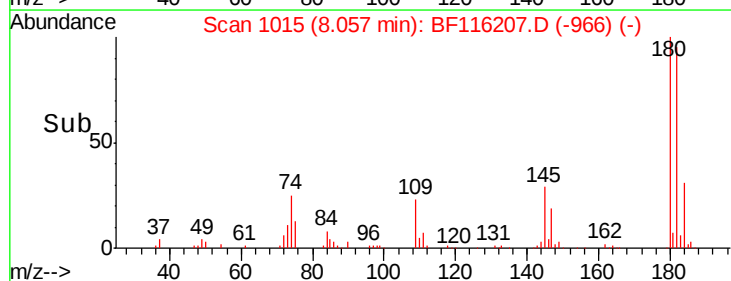
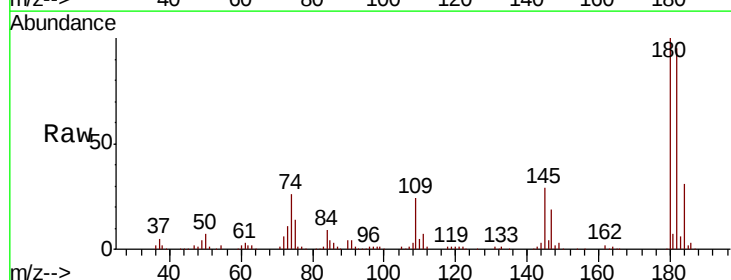
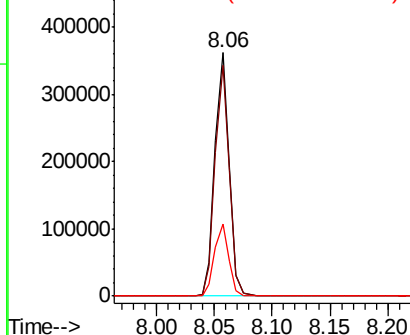
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312457		
182	94.9	75.7	113.5	
145	29.4	24.3	36.5	

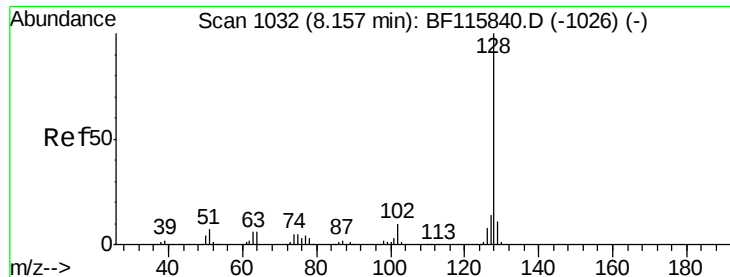
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





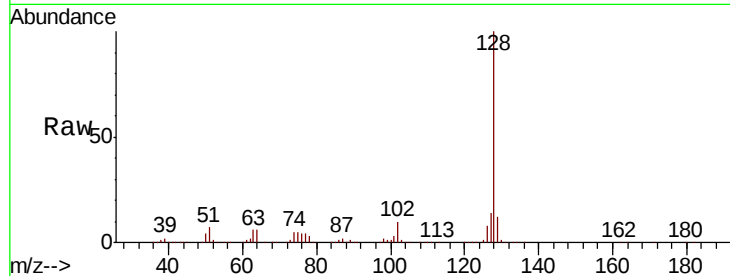
#31
Naphthalene
Concen: 46.704 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	987741		
129	11.5		9.3	13.9
127	13.8		11.4	17.0

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

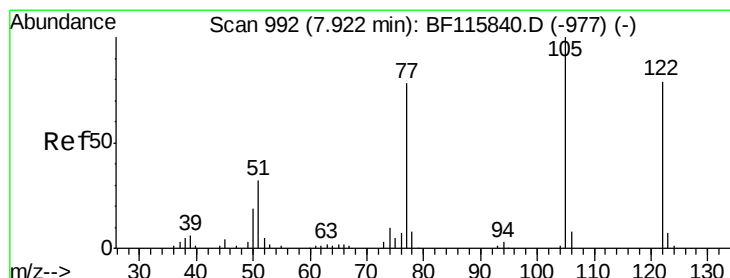
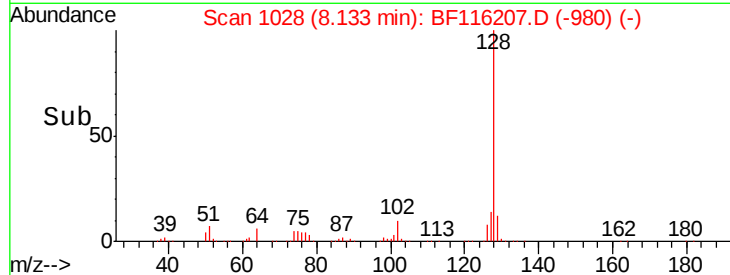
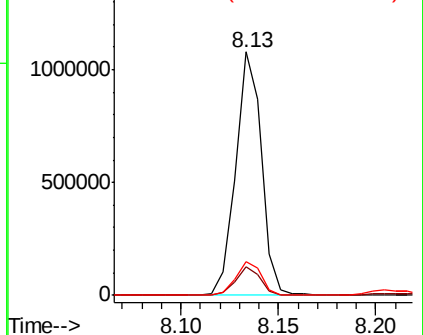


Abundance

Ion 128.00 (127.70 to 128.70): E

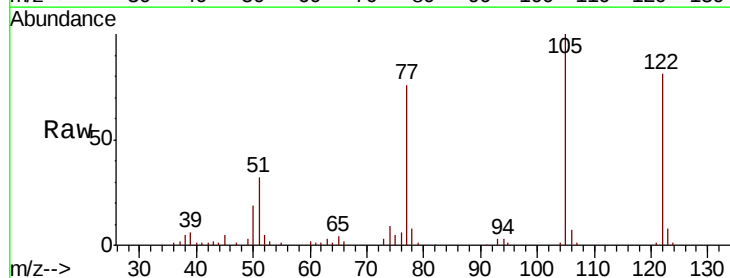
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 30.720 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129129		
105	123.9		106.1	146.1
77	94.3		76.7	116.7

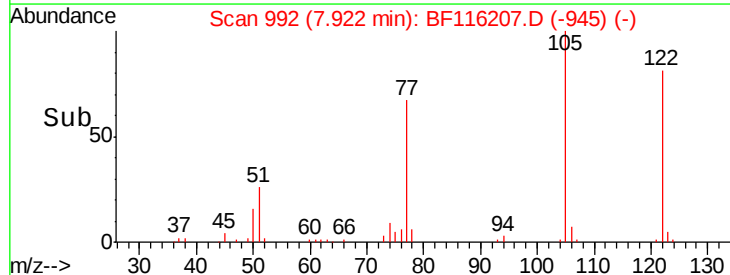
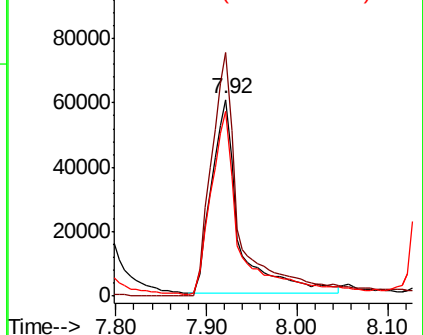


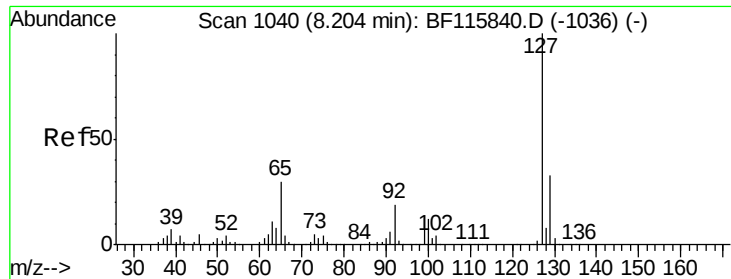
Abundance

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





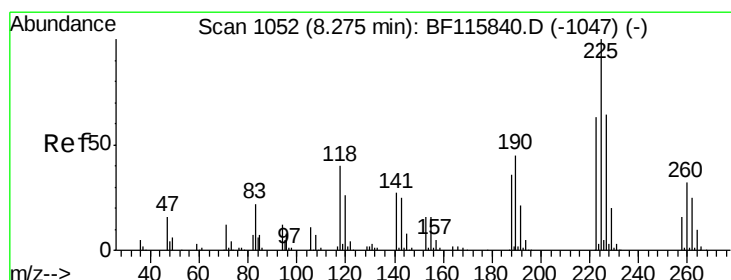
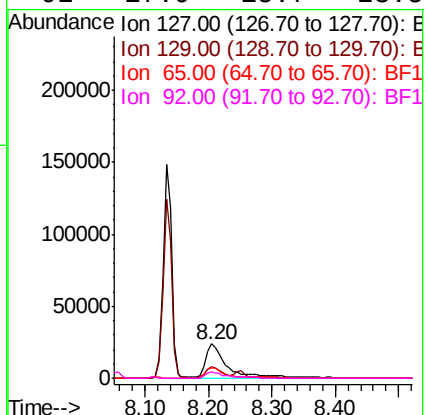
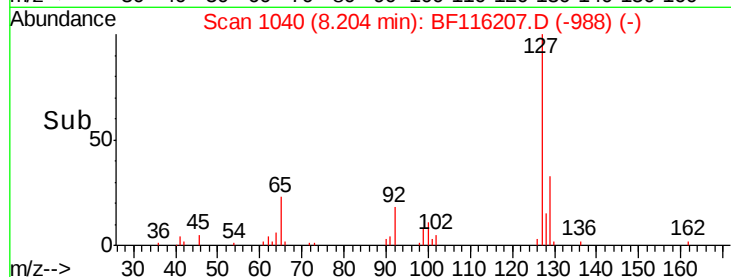
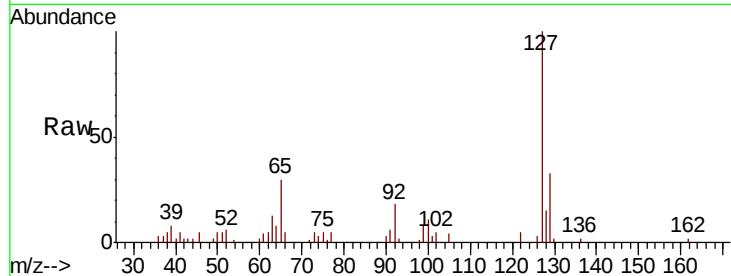
#33
4-Chloroaniline
Concen: 6.176 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.1	39.1	
65	30.2	24.9	37.3	
92	17.9	15.7	23.5	

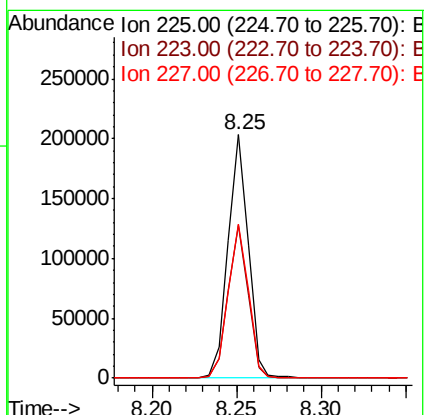
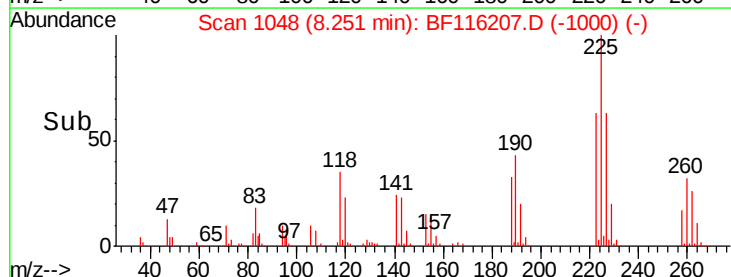
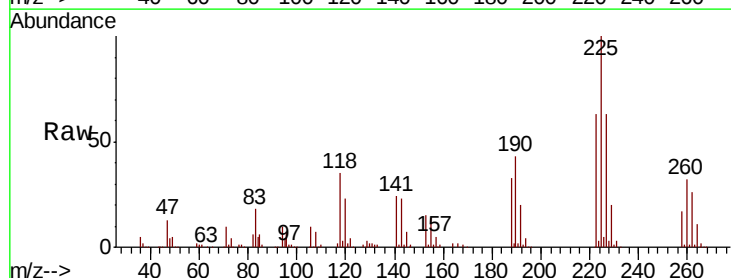
Manual Integrations
APPROVED

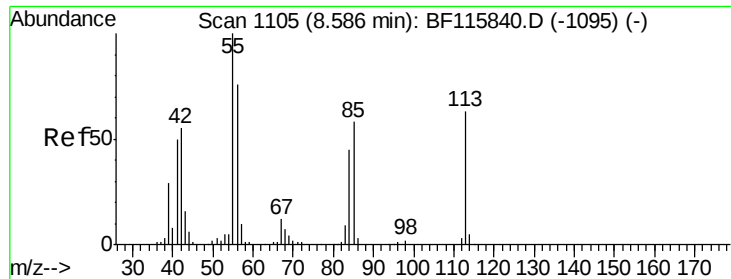
mohammad
8/14/2019 2:53:41 AM



#34
Hexachlorobutadiene
Concen: 40.831 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.0	75.0	
227	63.3	51.0	76.4	





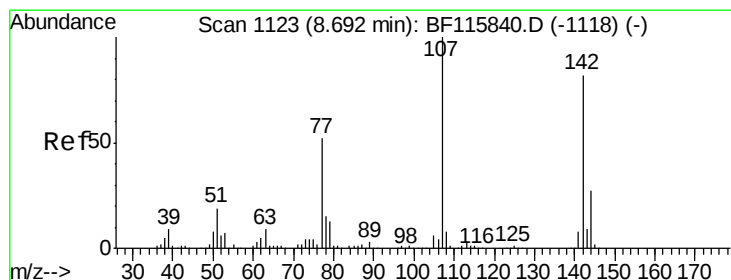
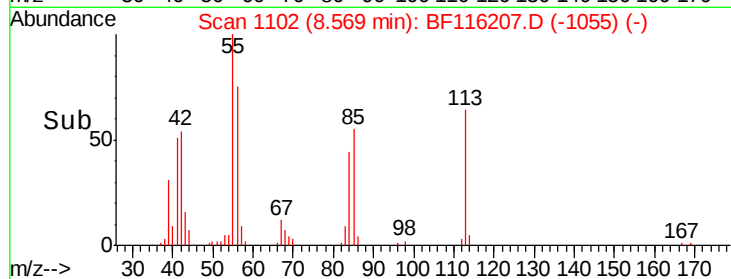
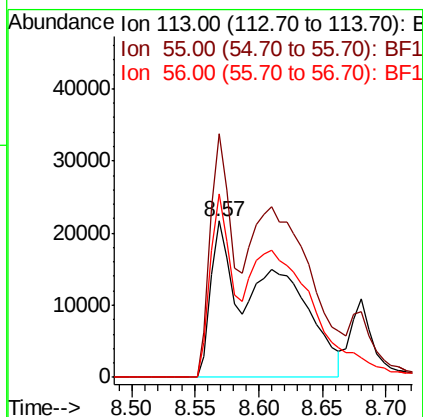
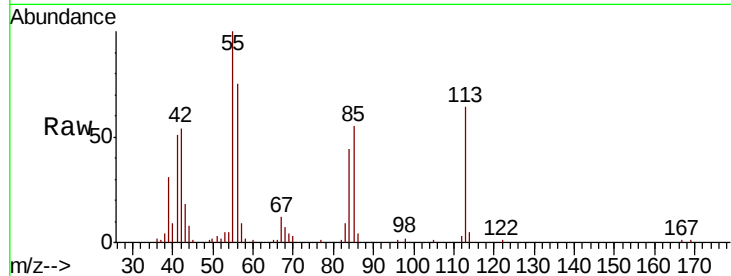
#35
Caprolactam
Concen: 36.360 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.9	144.3	184.3
56	117.1	97.1	137.1

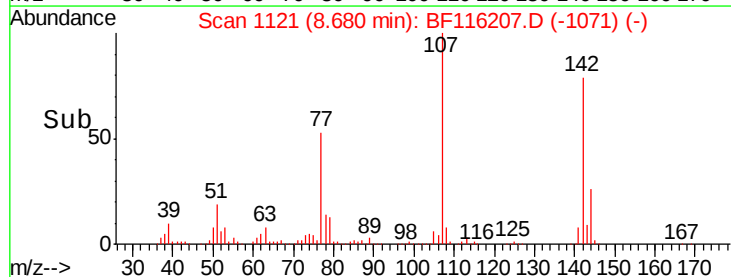
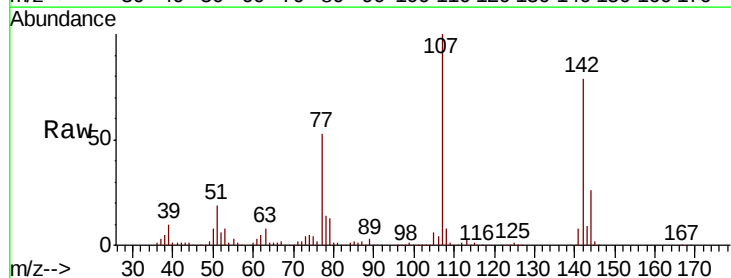
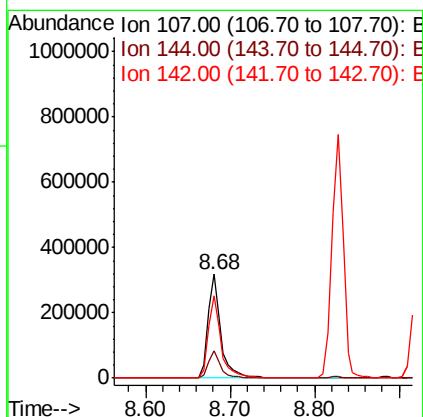
Manual Integrations
APPROVED

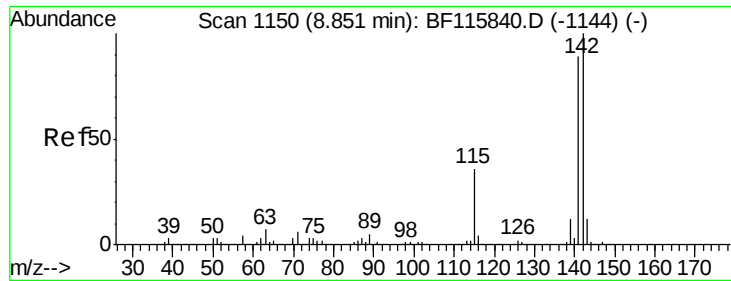
mohammad
8/14/2019 2:53:41 AM



#36
4-Chloro-3-methylphenol
Concen: 51.084 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.2	30.2
142	79.4	61.7	92.5





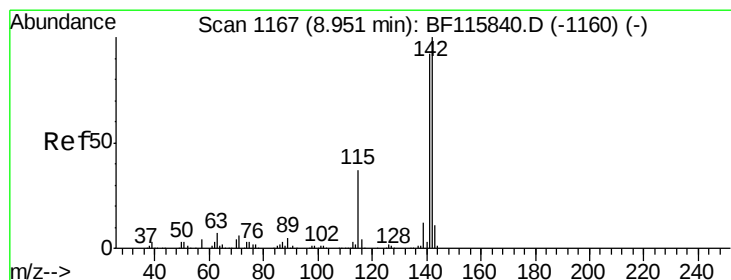
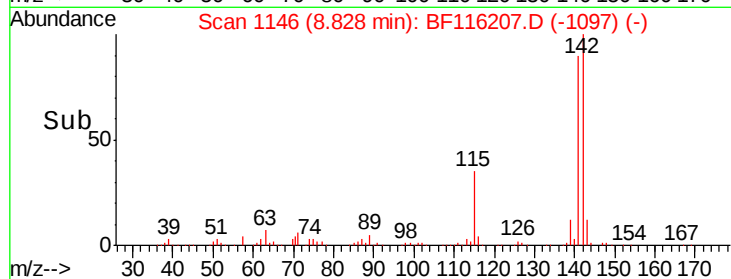
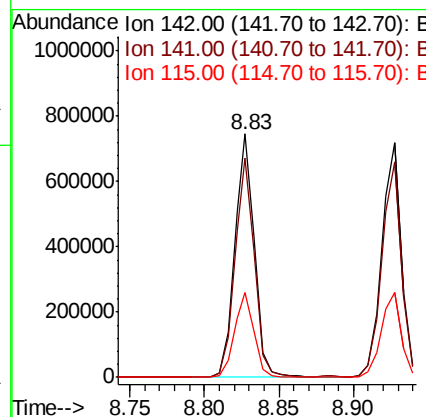
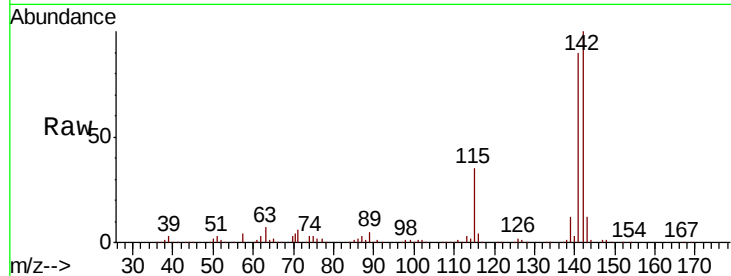
#37
2-Methylnaphthalene
Concen: 49.574 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	35.0	29.0	43.6

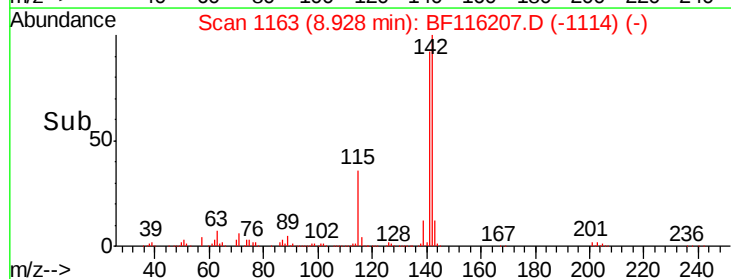
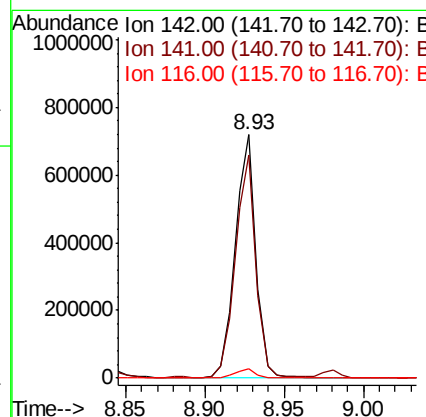
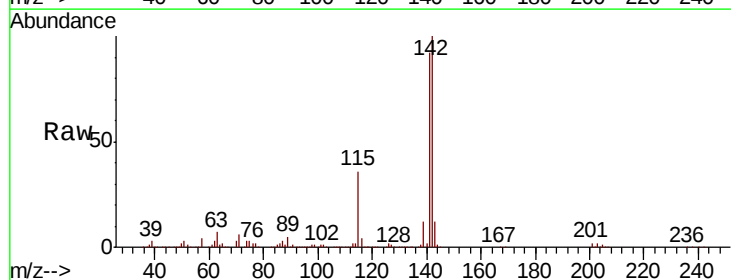
Manual Integrations
APPROVED

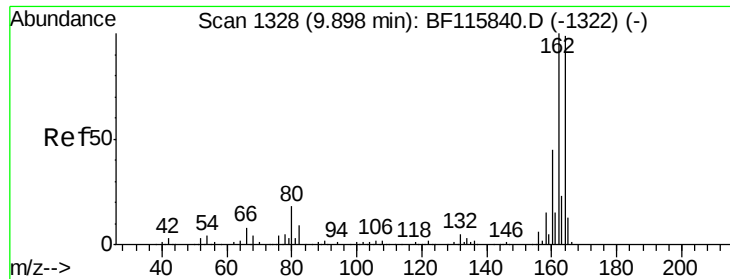
mohammad
8/14/2019 2:53:41 AM



#38
1-Methylnaphthalene
Concen: 48.698 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.4	111.6
116	3.8	3.1	4.7





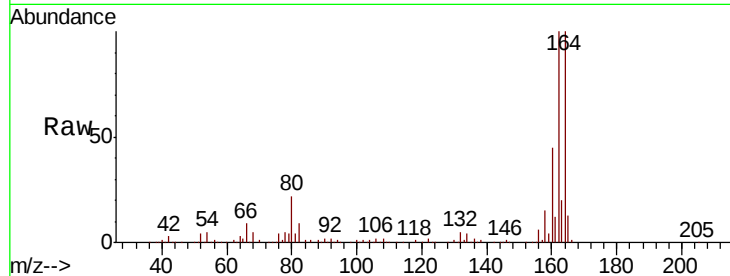
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	82.6	124.0	
160	45.4	37.6	56.4	

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

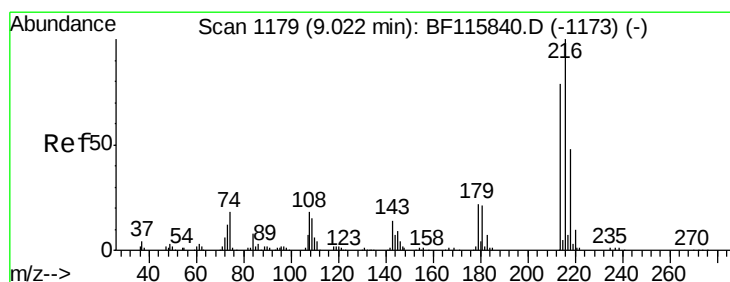
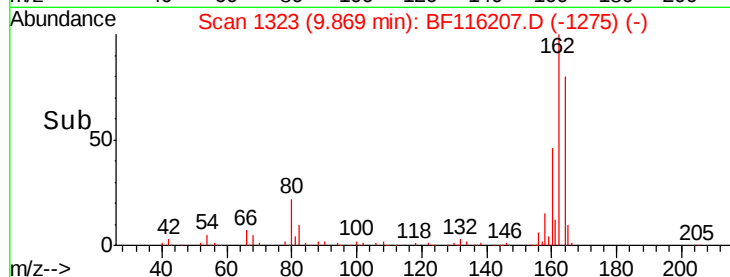
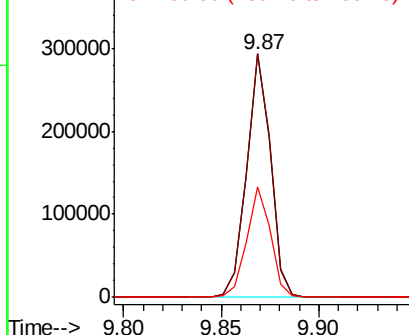


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.472 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.6	95.4	
179	22.0	17.8	26.8	
108	20.4	16.5	24.7	

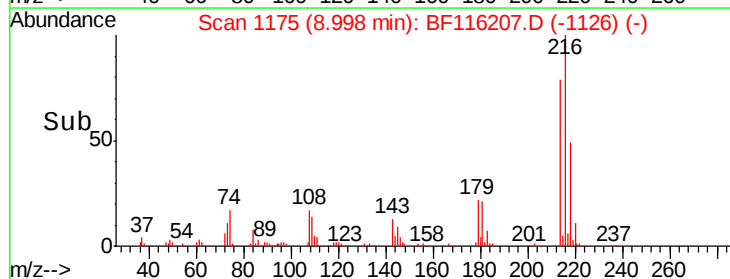
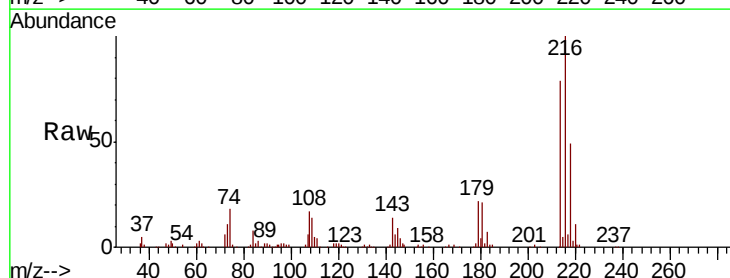
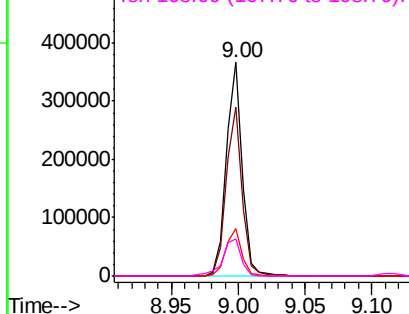
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





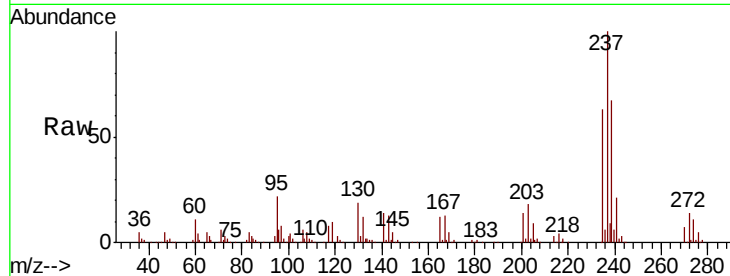
#41
Hexachlorocyclopentadiene
Concen: 45.313 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

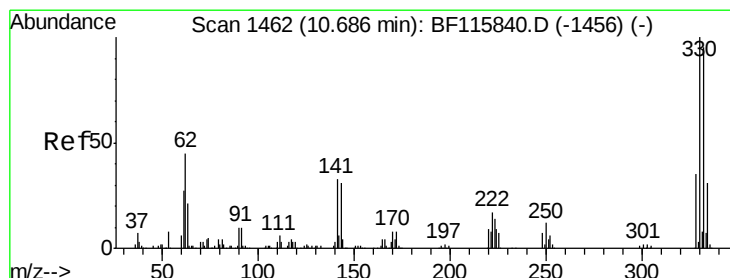
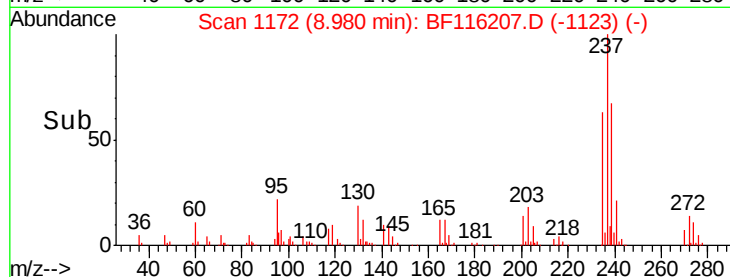
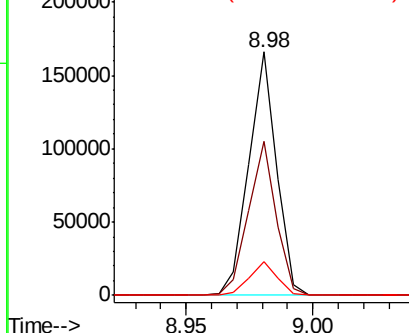
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	43.4	83.4		
272	13.6	0.0	33.2		

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

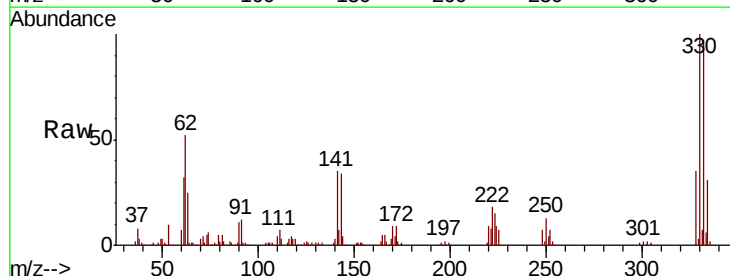


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

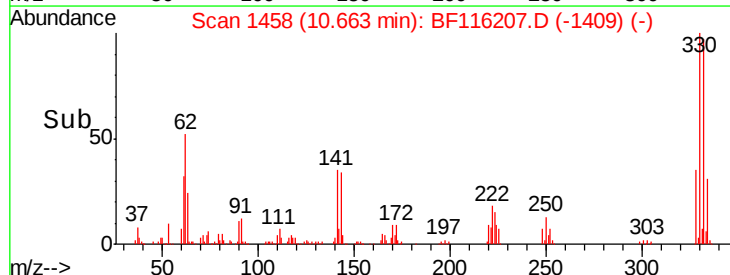
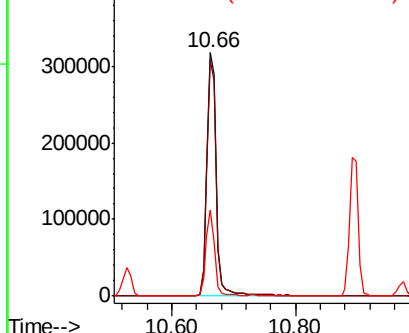


#42
2,4,6-Tribromophenol
Concen: 139.405 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	97.1	76.8	115.2		
141	33.1	26.3	39.5		



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





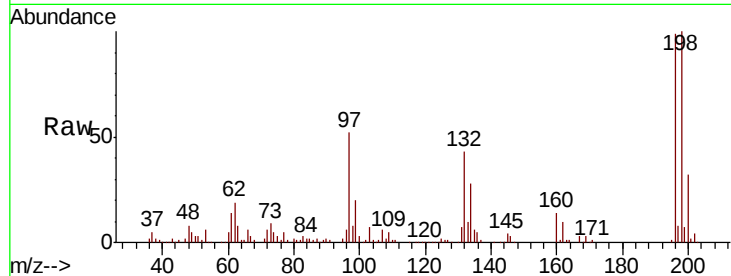
#43
 2,4,6-Trichlorophenol
 Concen: 45.731 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209014		
198	101.1	79.2	118.8	
200	32.2	25.2	37.8	

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM

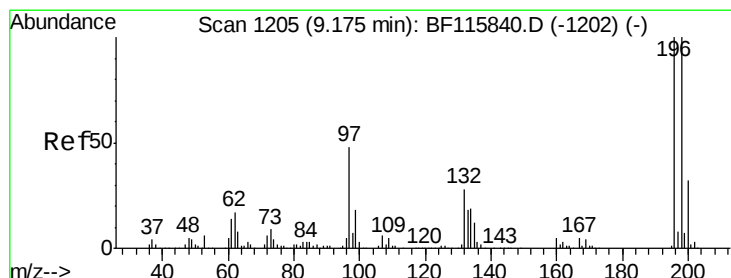
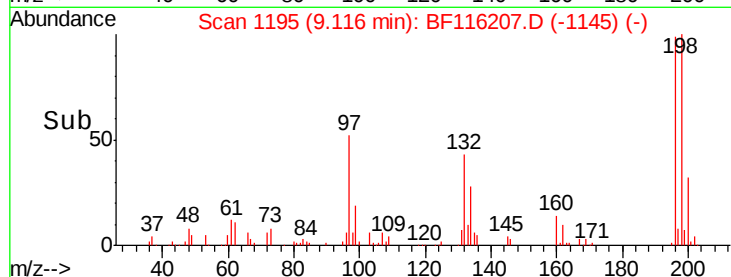
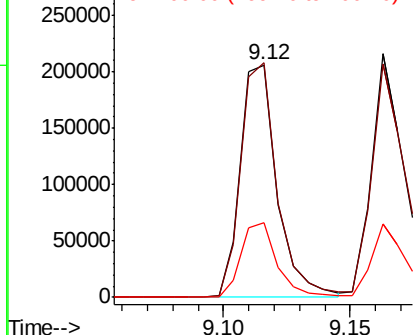


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.188 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227666		
198	95.9	78.8	118.2	
97	50.7	42.2	63.4	
132	29.7	24.0	36.0	

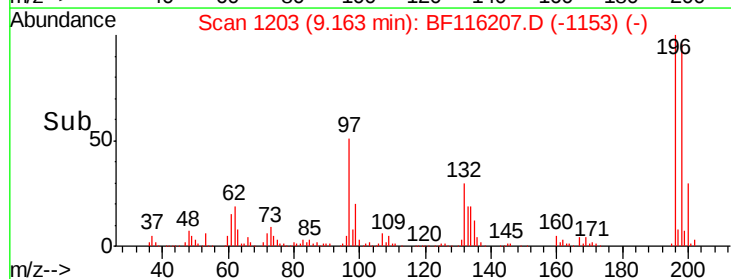
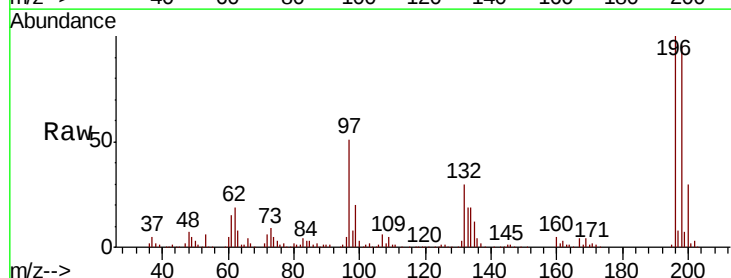
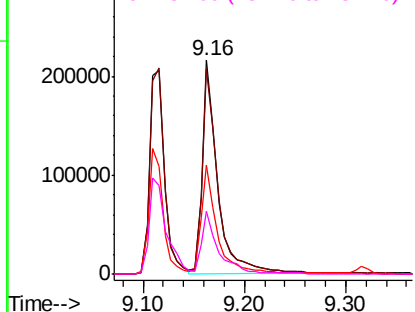
Abundance

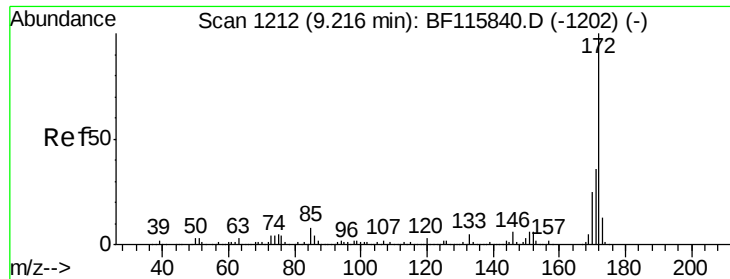
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





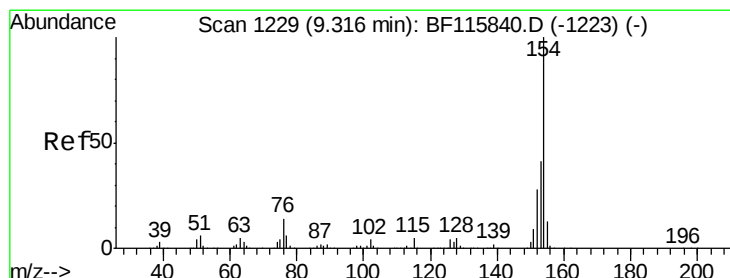
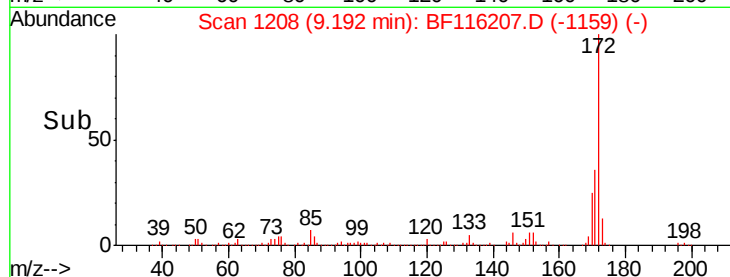
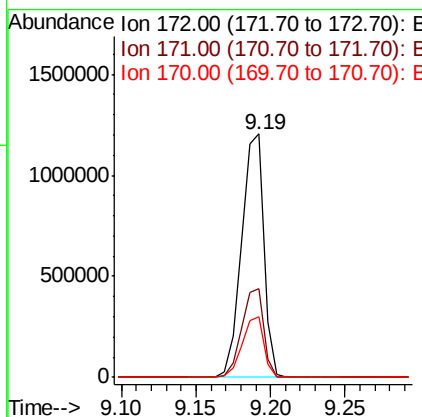
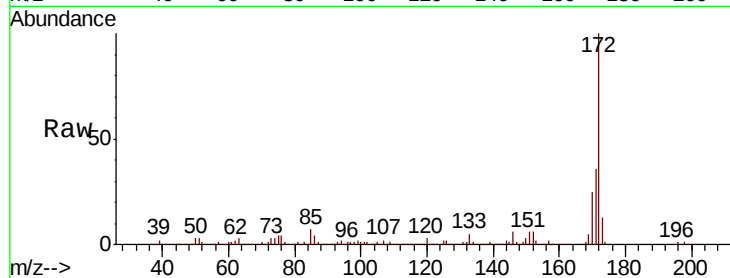
#45
2-Fluorobiphenyl
Concen: 93.946 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.8	20.1	30.1

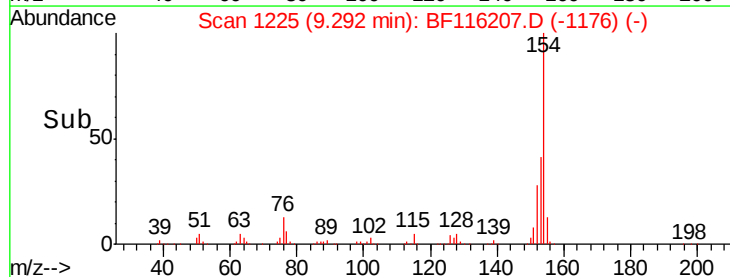
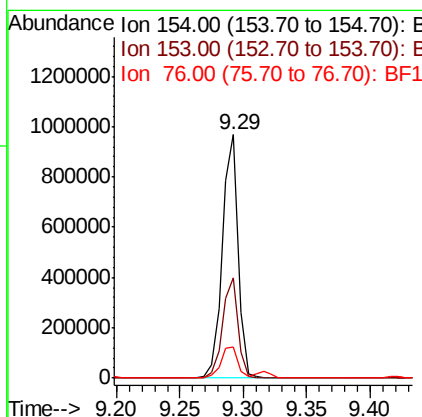
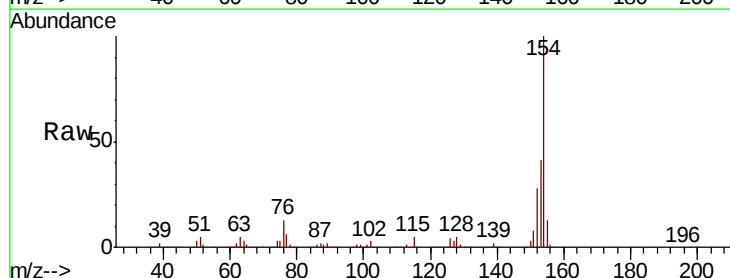
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#46
1,1'-Biphenyl
Concen: 48.054 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	12.7	0.0	35.2





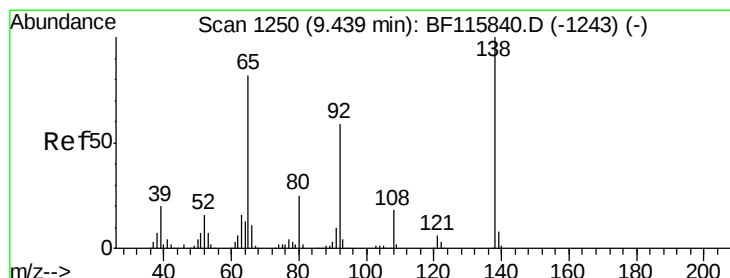
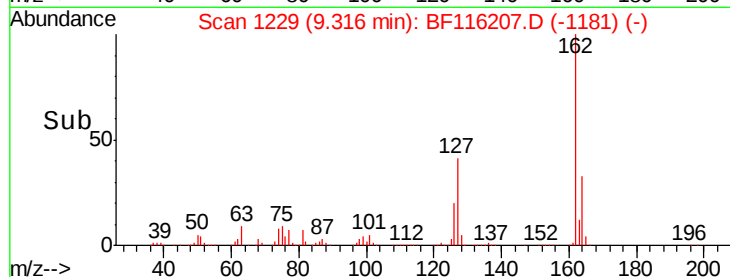
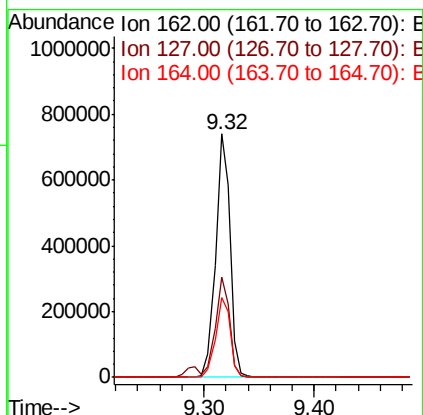
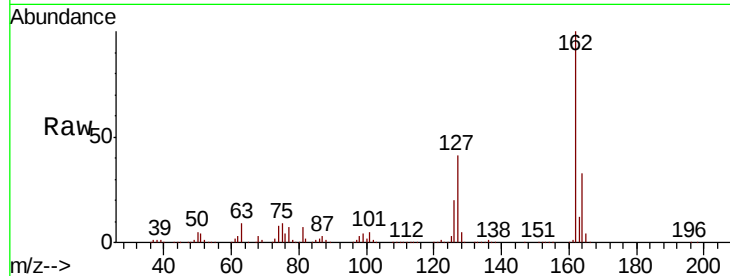
#47
 2-Chloronaphthalene
 Concen: 45.580 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	665227		
127	40.9	32.8	49.2	
164	32.9	26.6	39.8	

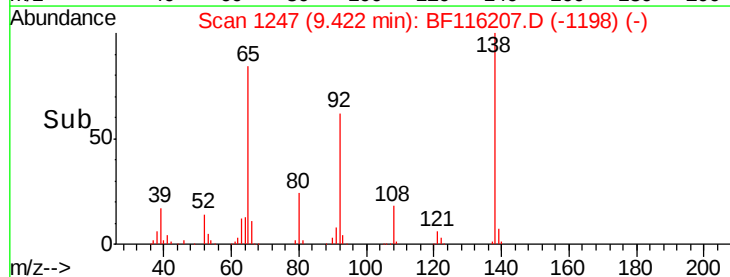
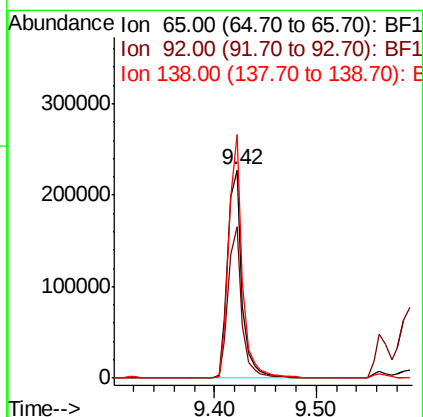
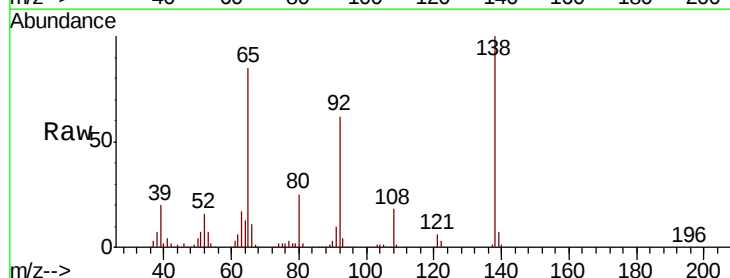
Manual Integrations
 APPROVED

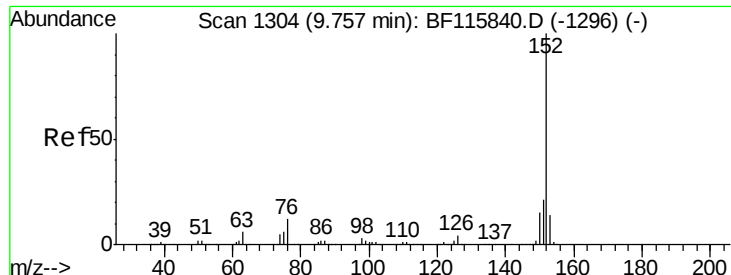
mohammad
 8/14/2019 2:53:41 AM



#48
 2-Nitroaniline
 Concen: 46.716 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	225360		
92	72.9	57.8	86.8	
138	117.1	94.0	141.0	





#49

Acenaphthylene

Concen: 48.122 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

Tot Ion:152 Resp: 1024619

Ion Ratio Lower Upper

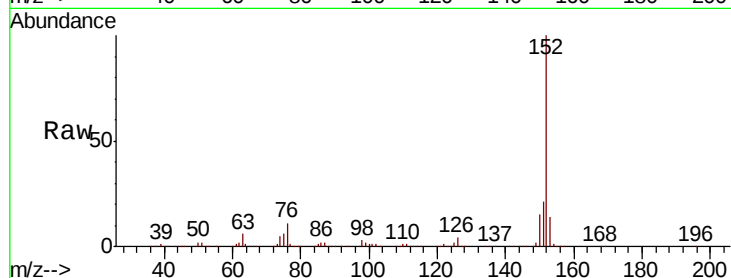
152 100

151 20.9 17.2 25.8

153 14.0 11.8 17.8

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

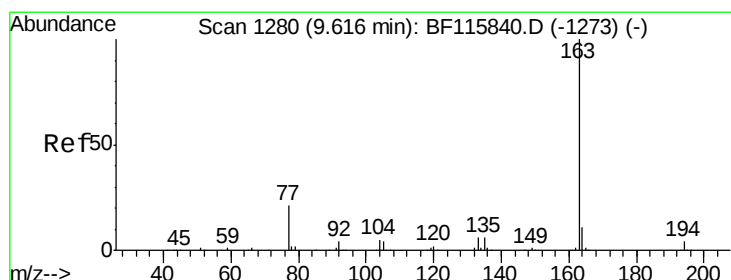
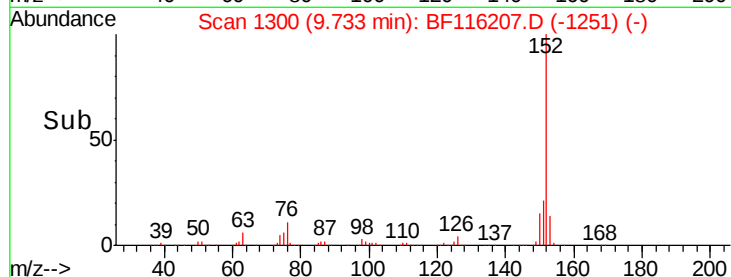
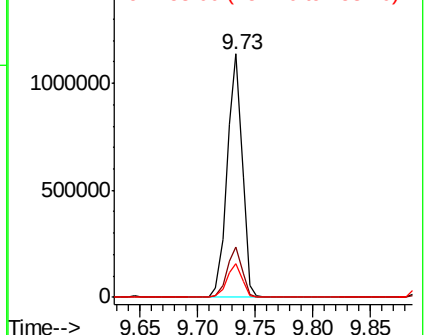


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.269 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

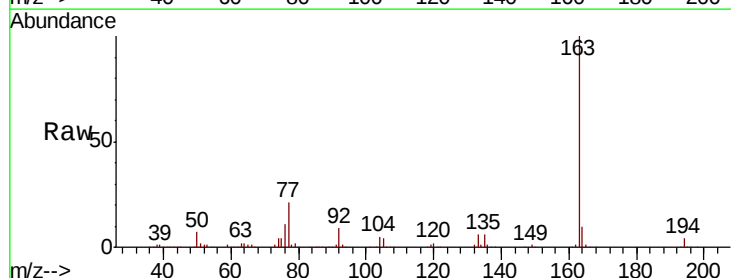
Tgt Ion:163 Resp: 833229

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.4 12.6

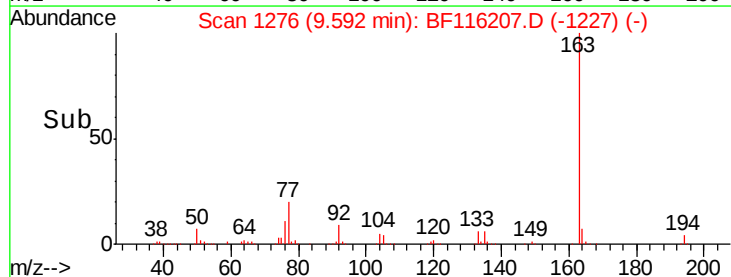
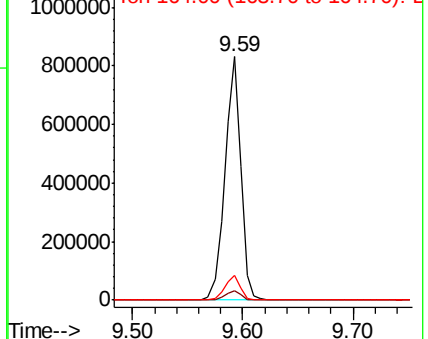


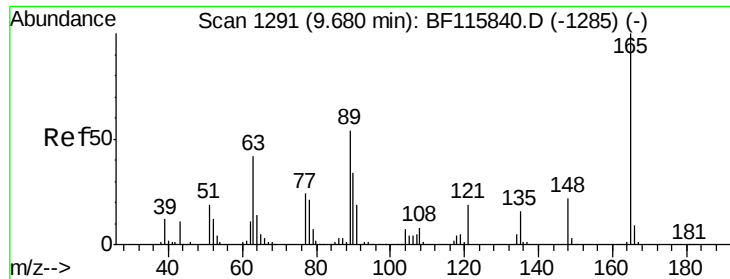
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





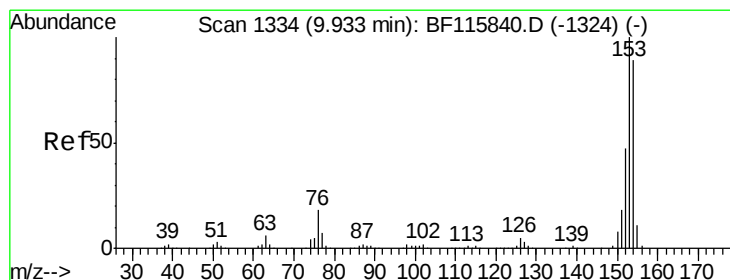
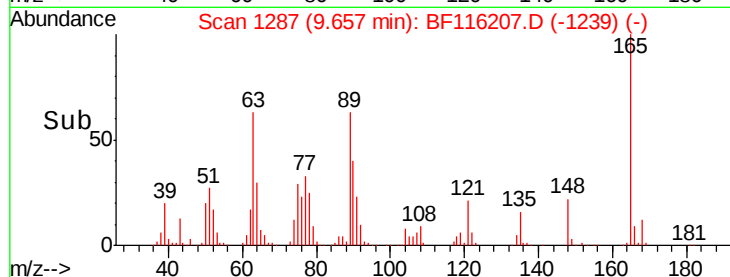
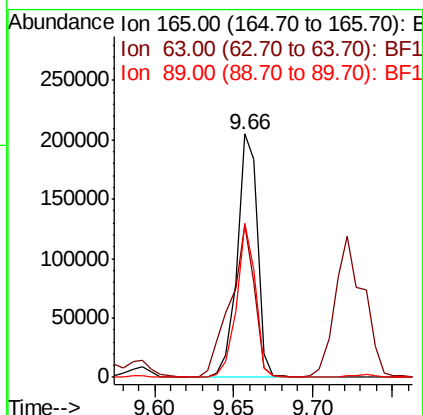
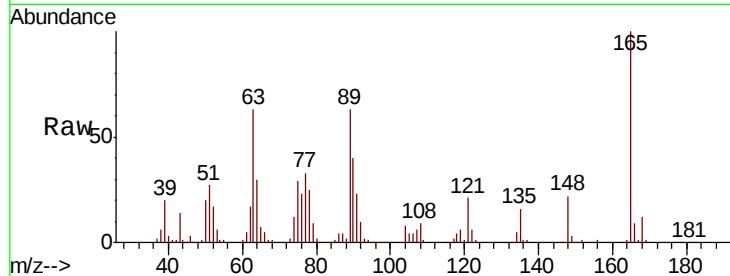
#51
2,6-Dinitrotoluene
Concen: 49.351 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	181374		
63	62.6	38.2	57.2#	
89	63.4	42.9	64.3	

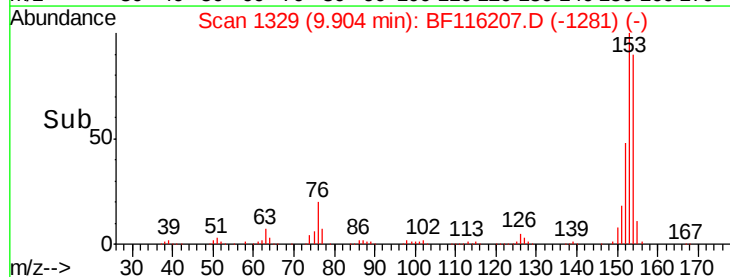
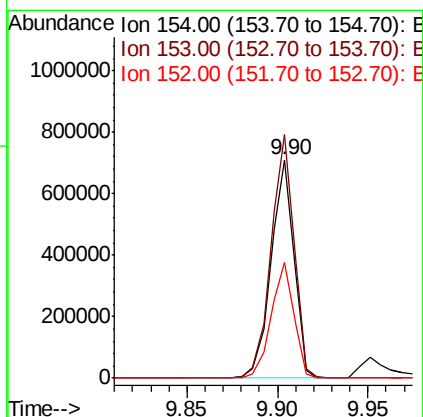
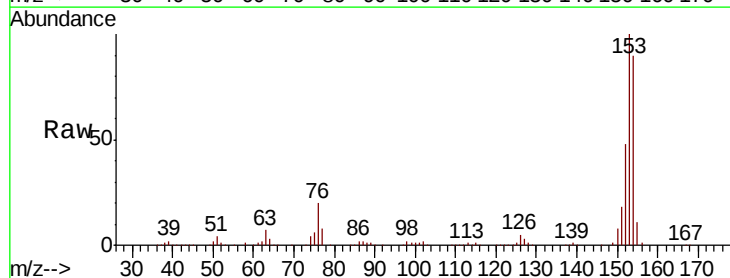
Manual Integrations
APPROVED

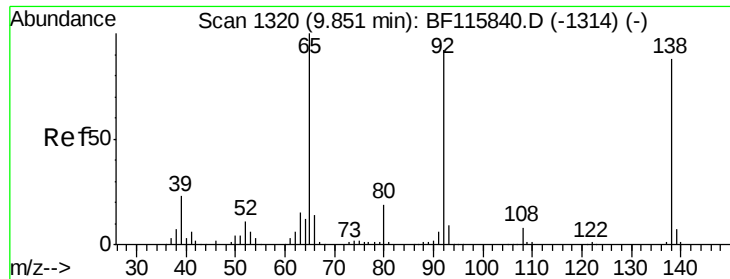
mohammad
8/14/2019 2:53:41 AM



#52
Acenaphthene
Concen: 47.498 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	620437		
153	111.6	89.4	134.0	
152	53.1	42.3	63.5	





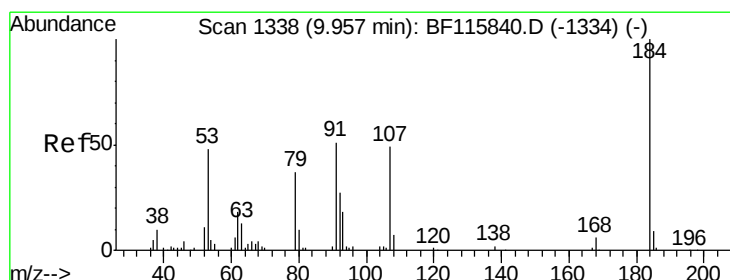
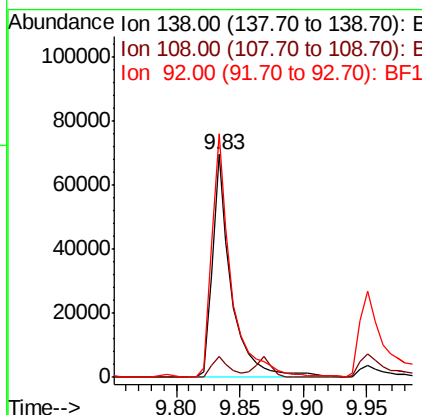
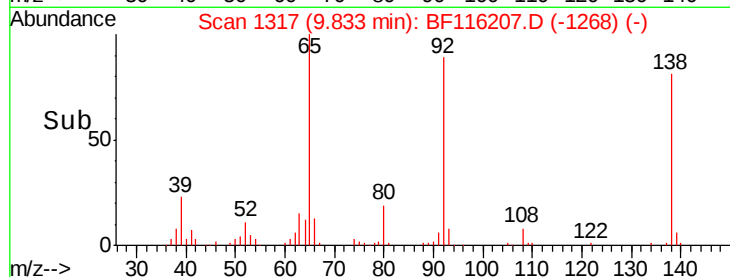
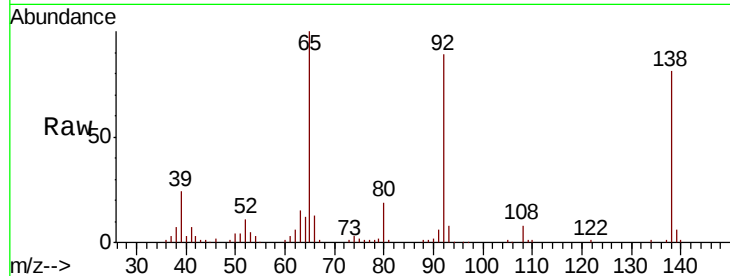
#53
3-Nitroaniline
Concen: 15.950 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.0	12.0
92	109.4	91.0	136.6

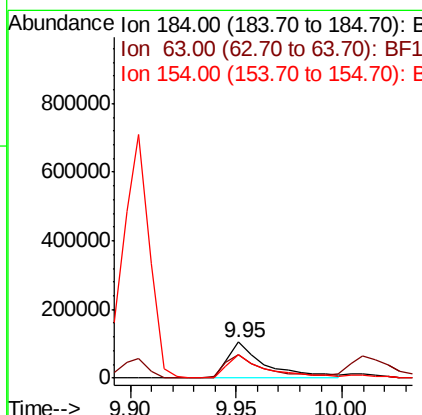
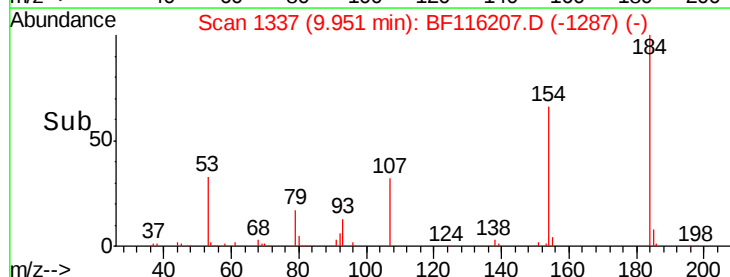
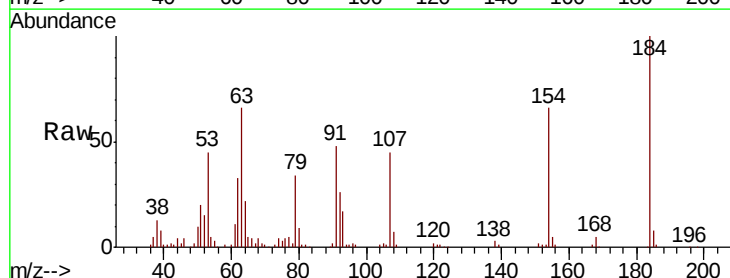
Manual Integrations
APPROVED

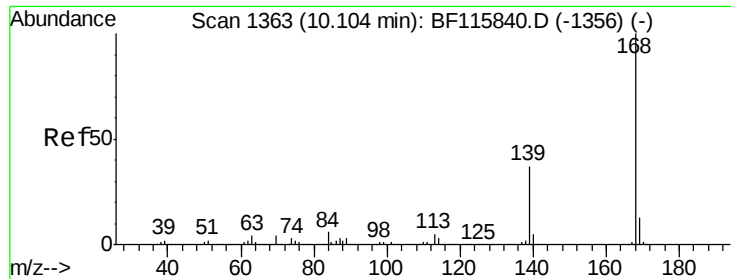
mohammad
8/14/2019 2:53:41 AM



#54
2,4-Dinitrophenol
Concen: 70.677 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	53.0	79.4
154	65.7	50.1	75.1





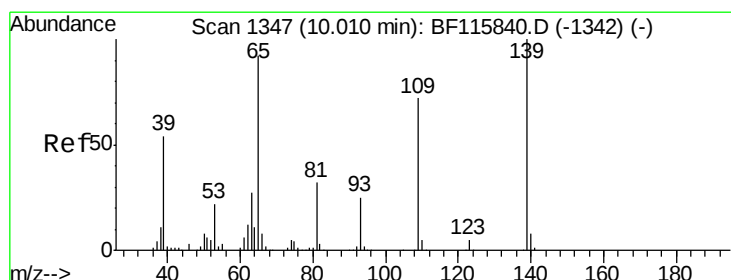
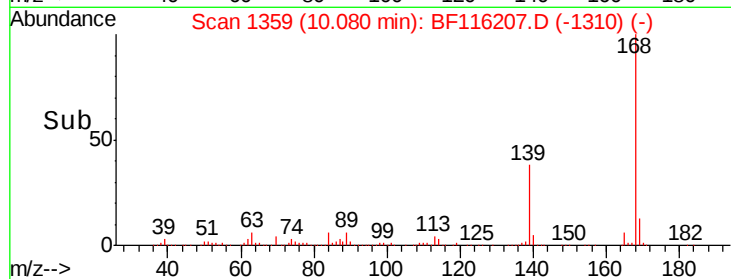
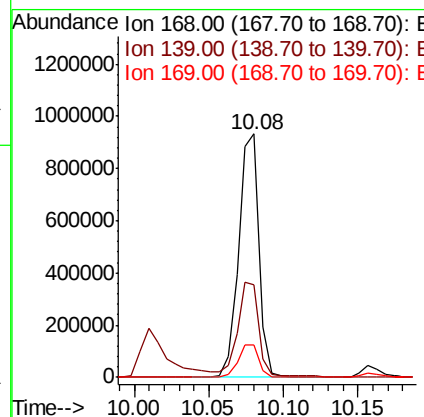
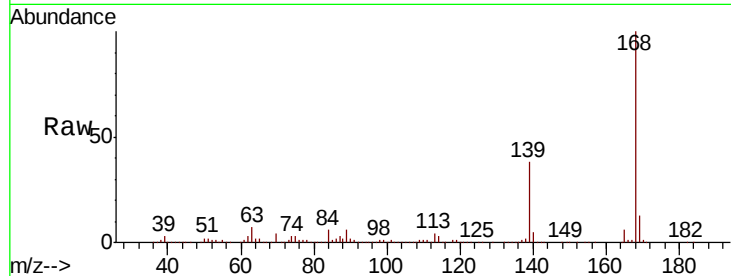
#55
Dibenzenofuran
Concen: 46.940 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.4	47.2
169	13.2	10.9	16.3

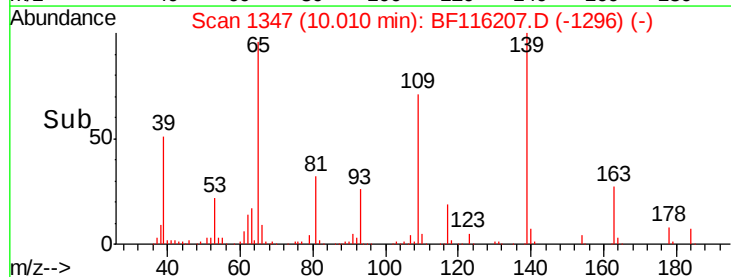
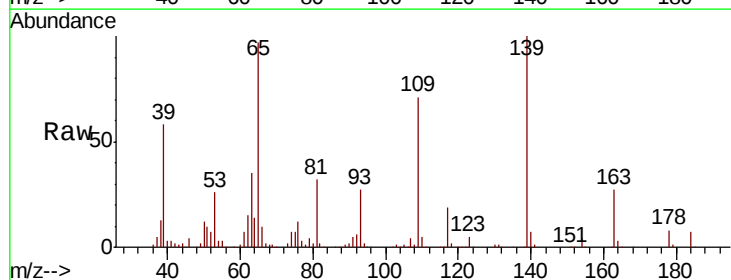
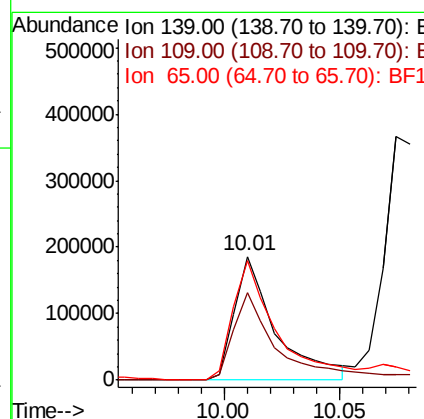
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#56
4-Nitrophenol
Concen: 79.710 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	54.4	94.4
65	96.8	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 47.835 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

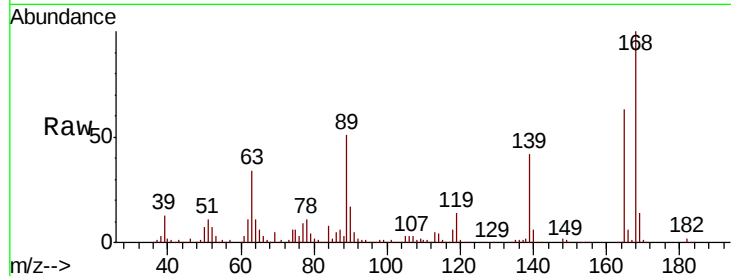
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

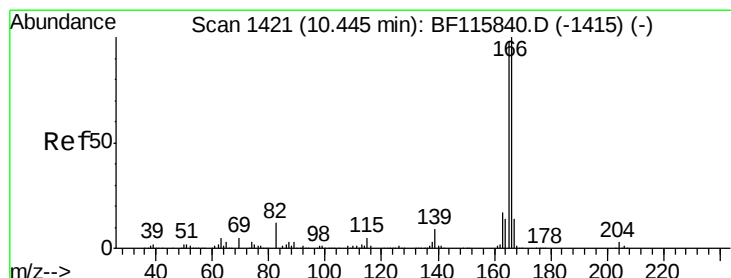
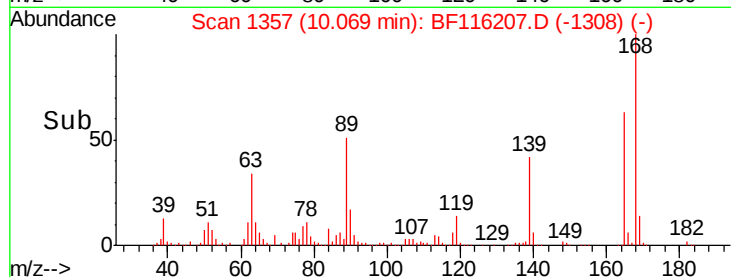
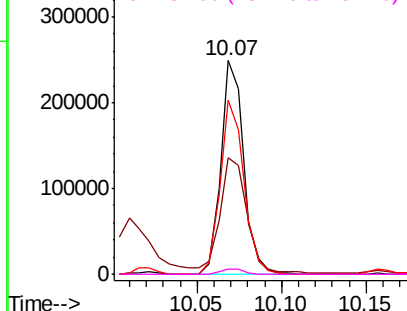
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		234070		
63	54.3	39.6	59.4		
89	81.5	62.2	93.2		
182	2.6	2.1	3.1		

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.950 ng

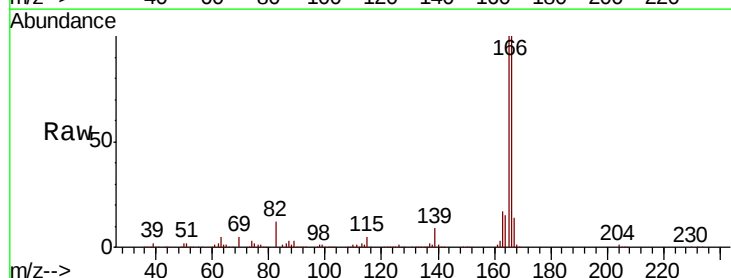
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

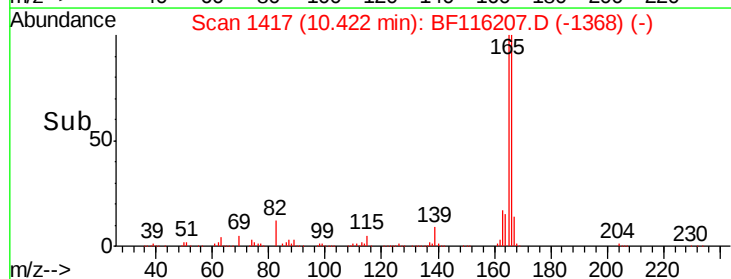
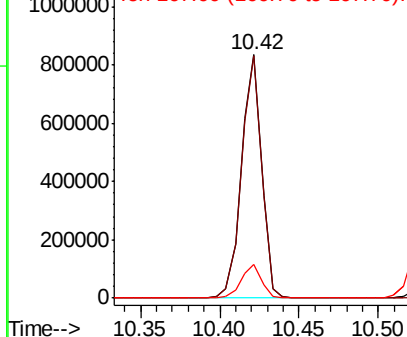
Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		730023		
165	99.5	78.4	117.6		
167	13.8	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





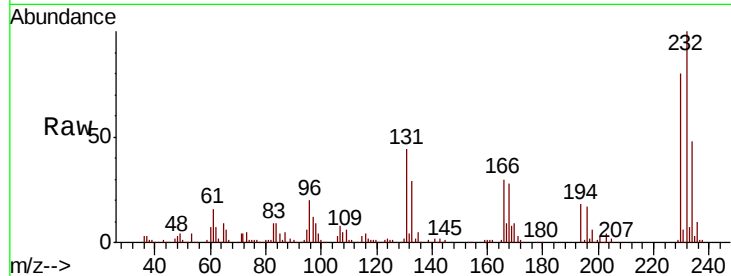
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.749 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.2	54.2
130	2.4	1.9	2.9
166	29.1	23.0	34.4

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM



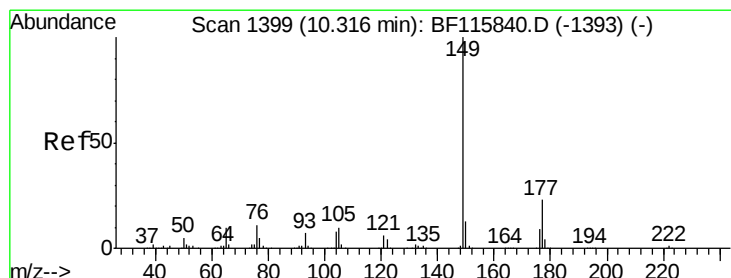
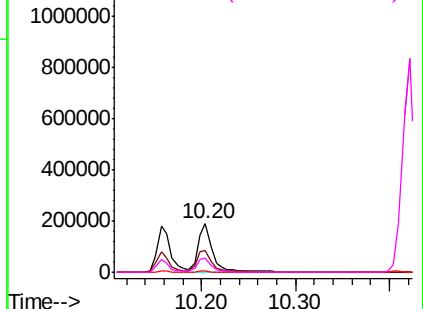
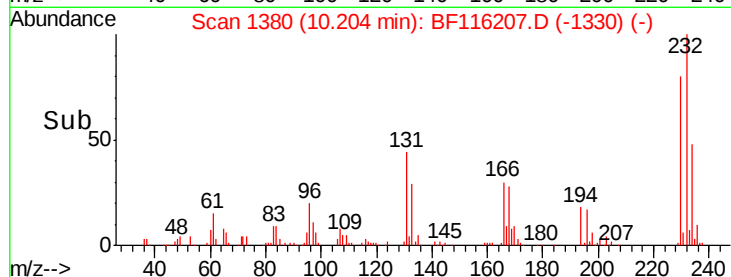
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

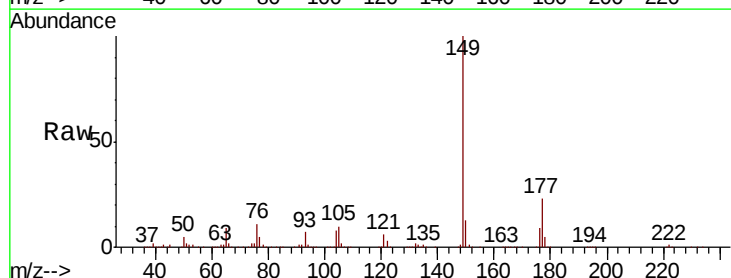
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.463 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.8	10.2	15.4

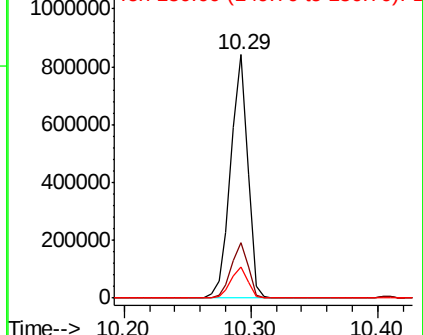
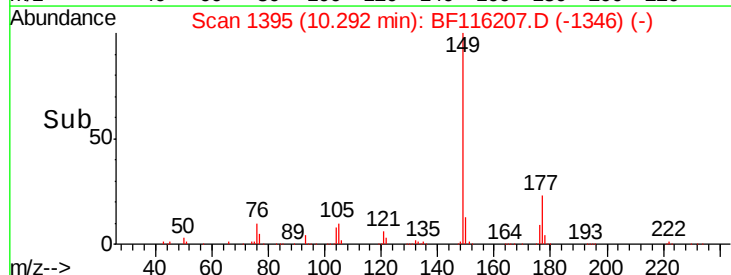


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





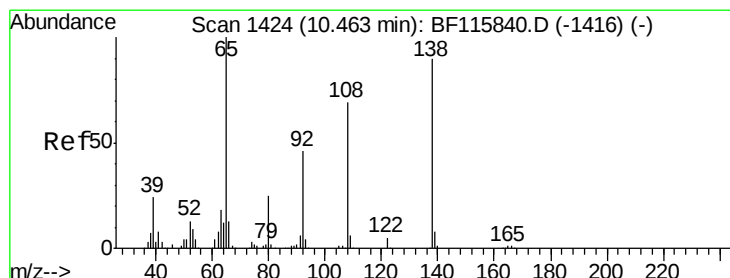
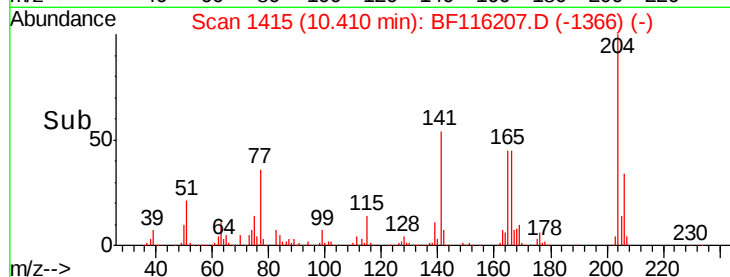
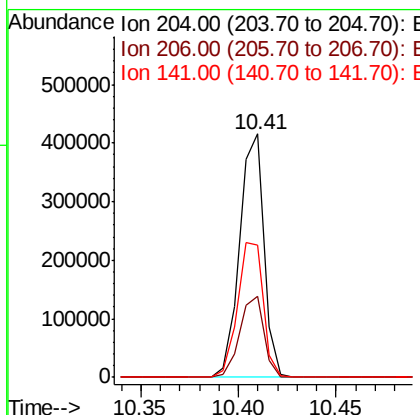
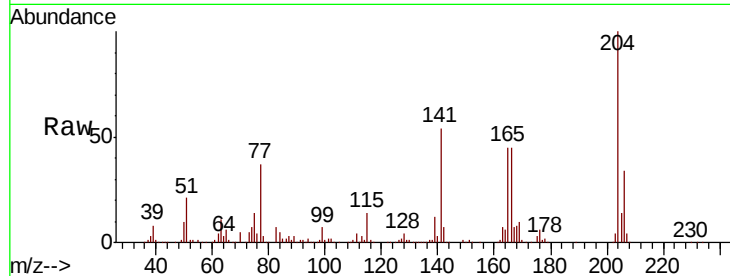
#61
4-Chlorophenyl-phenylether
Concen: 48.647 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.4	39.6
141	54.3	46.4	69.6

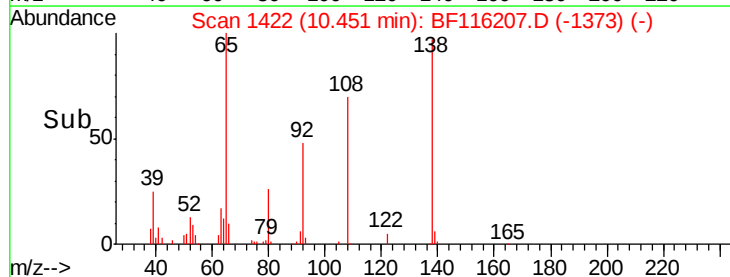
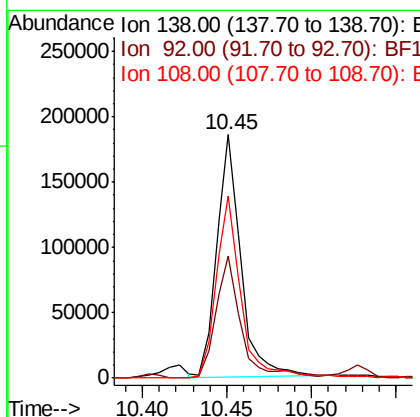
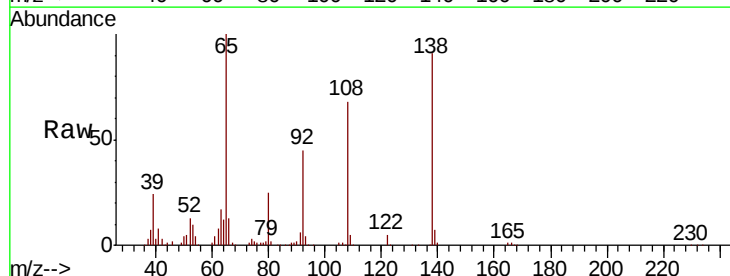
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#62
4-Nitroaniline
Concen: 39.146 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.0	69.0
108	75.0	54.7	94.7





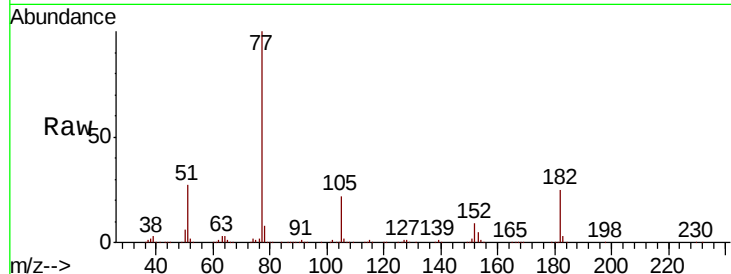
#63
Azobenzene
Concen: 49.508 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

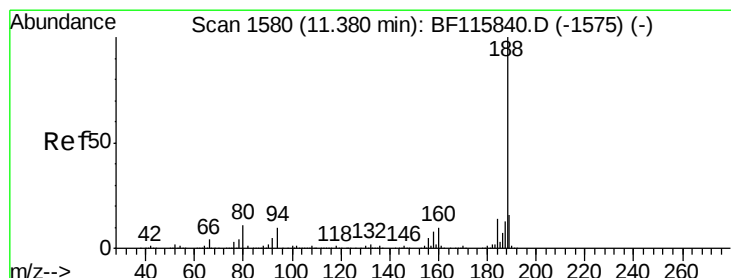
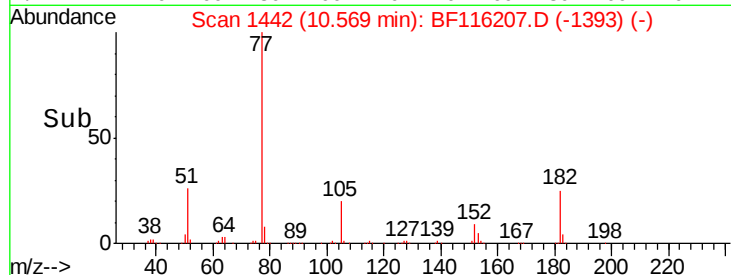
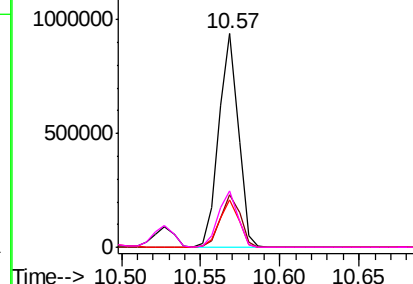
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.0	44.0
105	22.0	2.0	42.0
51	26.5	7.5	47.5

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



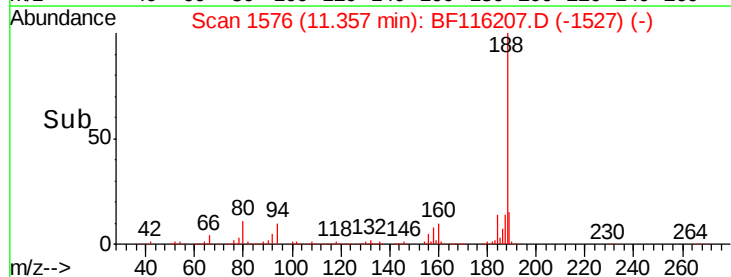
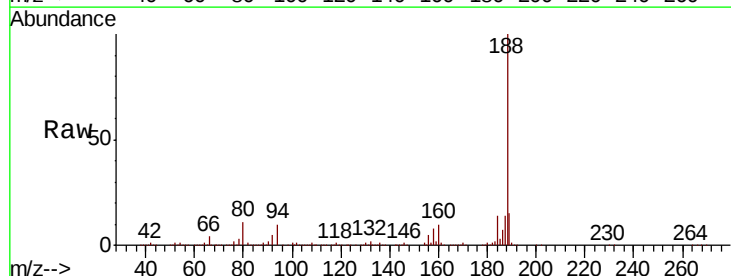
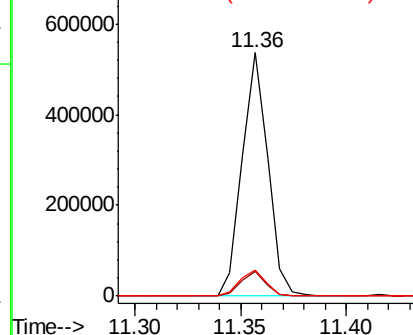
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

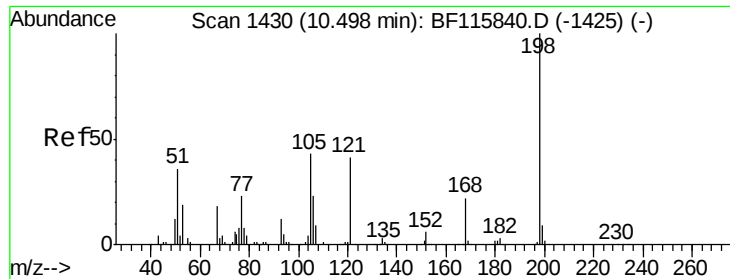


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.7	8.7	13.1

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.800 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

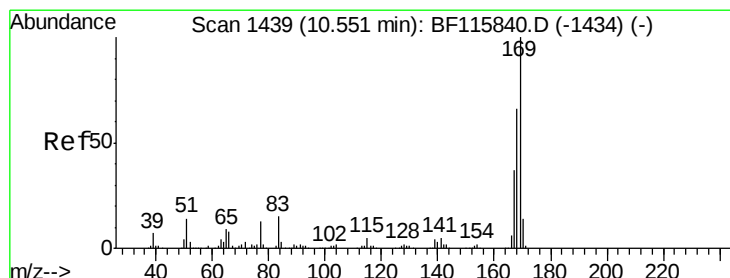
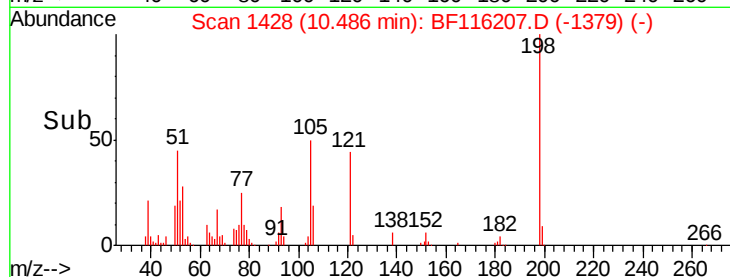
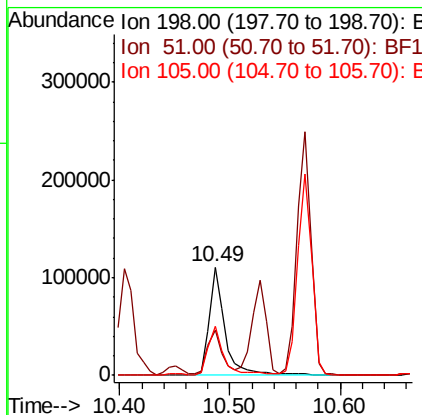
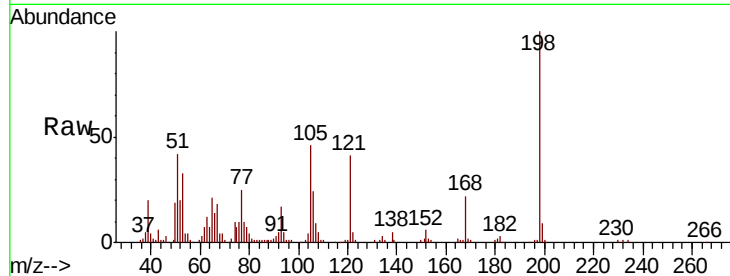
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

Tot Ion:	198	Resp:	106829
Ion Ratio	Lower	Upper	
198	100		
51	42.0	17.0	57.0
105	45.9	21.6	61.6

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#66

n-Nitrosodiphenylamine

Concen: 48.386 ng

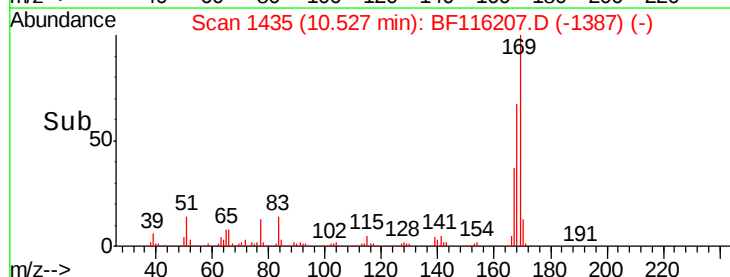
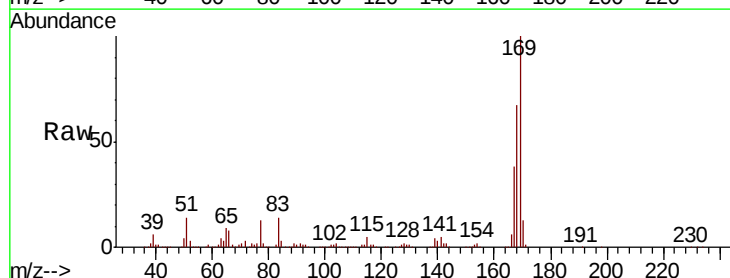
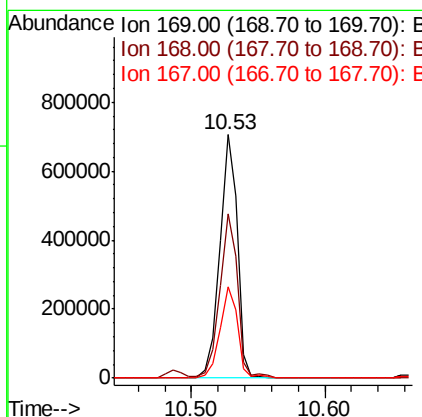
RT: 10.53 min Scan# 1435

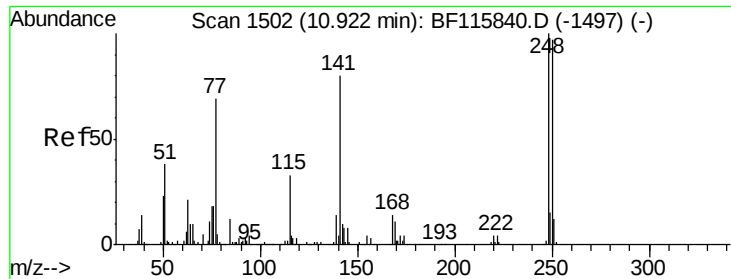
Delta R.T. -0.02 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Tgt Ion:	169	Resp:	655319
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.6	29.6	44.4





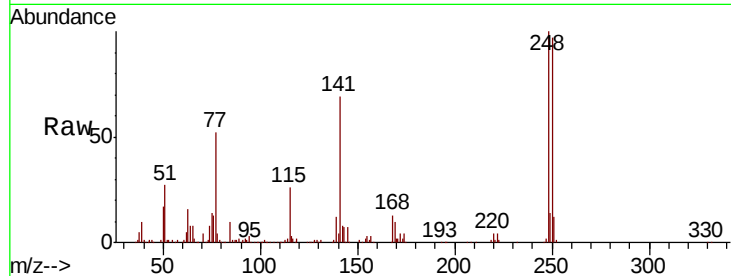
#67
4-Bromophenyl-phenylether
Concen: 46.806 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	68.5	56.8	85.2

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM

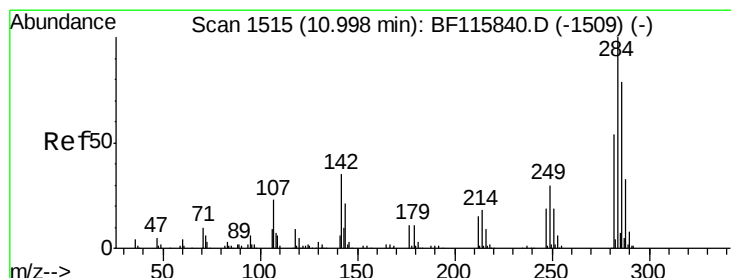
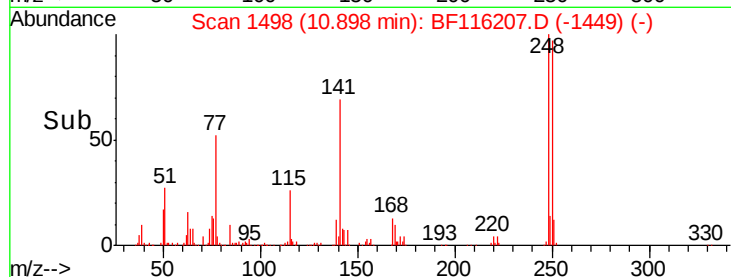
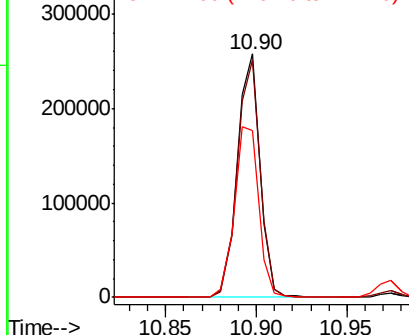


Abundance

Ion 248.00 (247.70 to 248.70): E

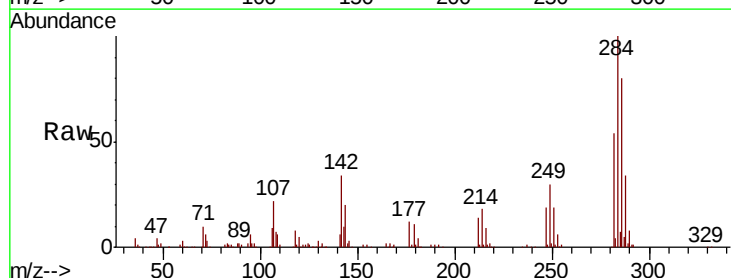
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.835 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.4	42.6
249	30.0	24.5	36.7

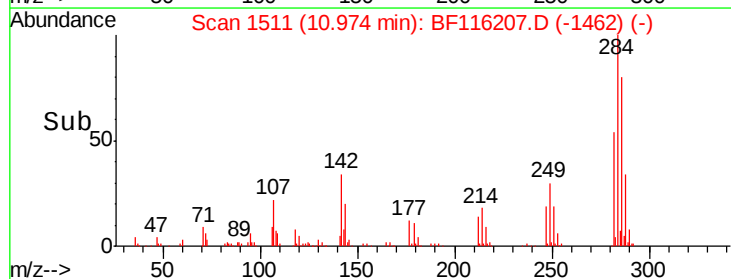
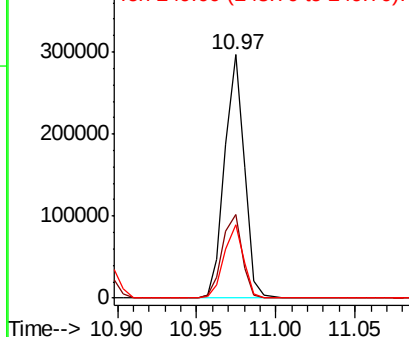


Abundance

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





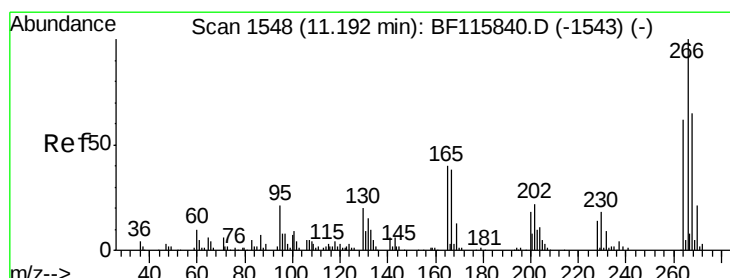
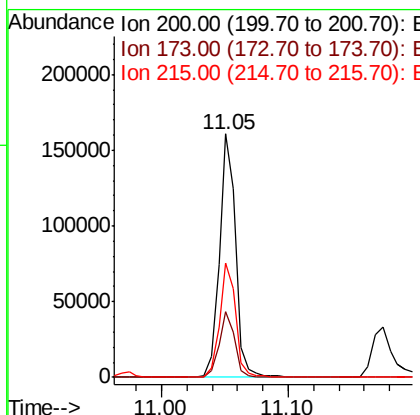
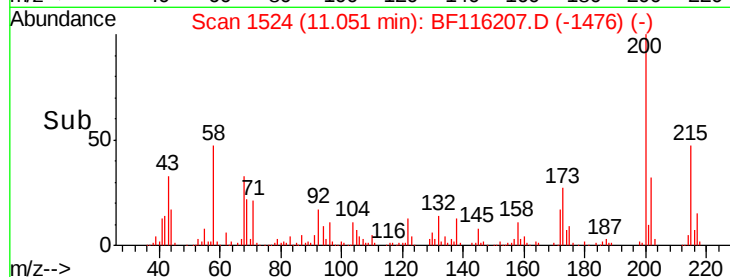
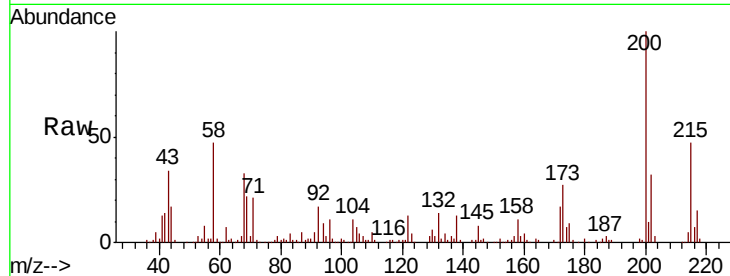
#69
 Atrazine
 Concen: 32.445 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	144562		
173	26.8	6.8	46.8	
215	47.0	27.5	67.5	

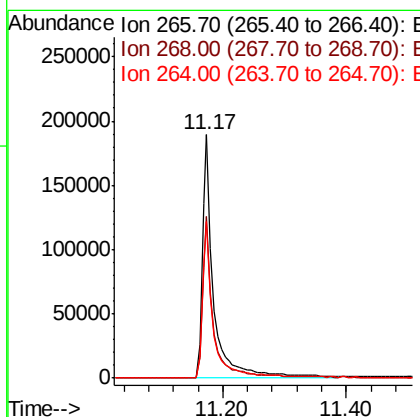
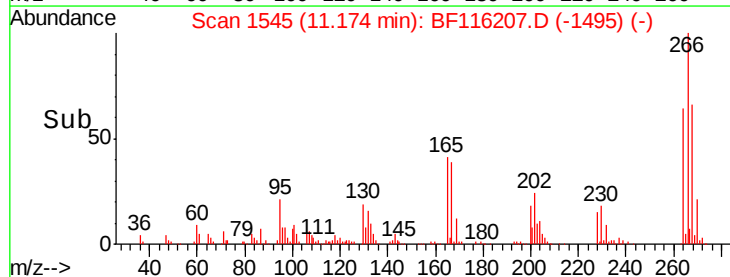
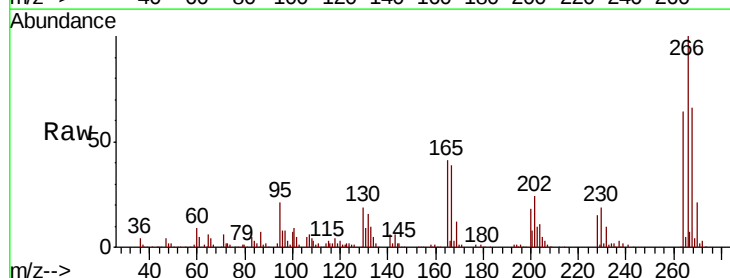
Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM



#70
 Pentachlorophenol
 Concen: 91.302 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	246901		
268	66.4	48.8	73.2	
264	64.4	50.6	76.0	





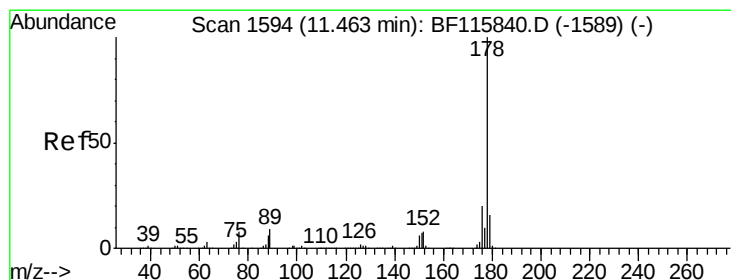
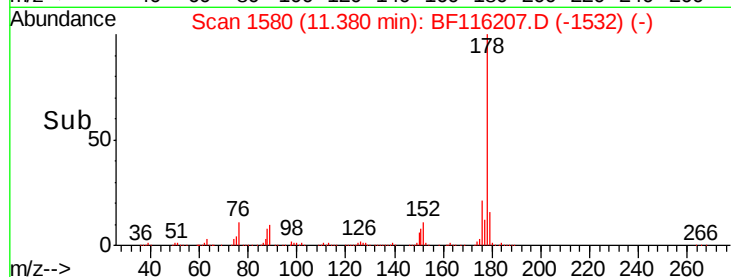
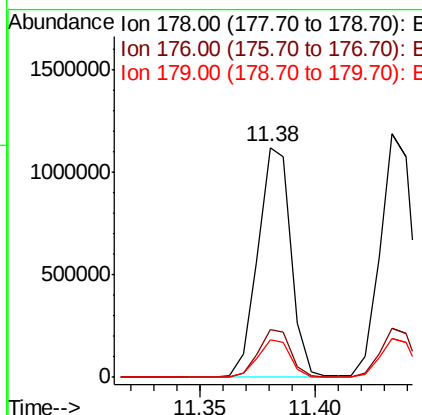
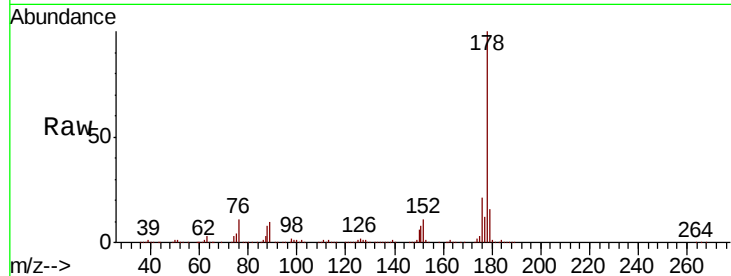
#71
Phenanthrene
Concen: 48.838 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	16.3	12.5	18.7

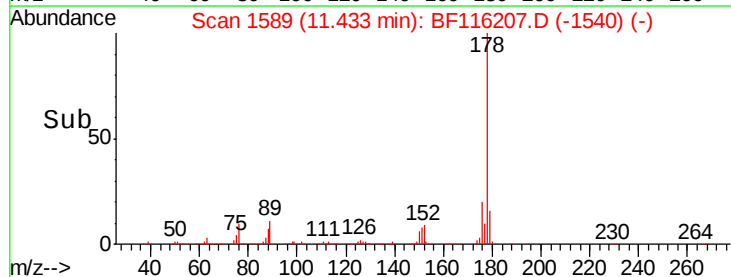
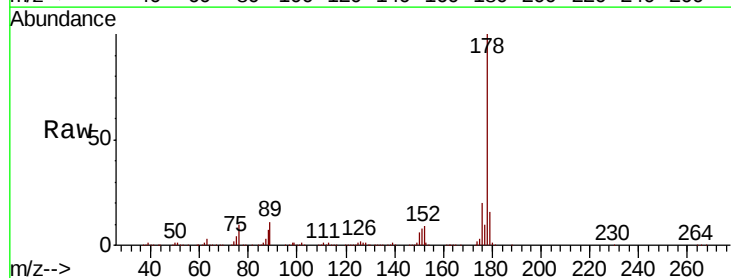
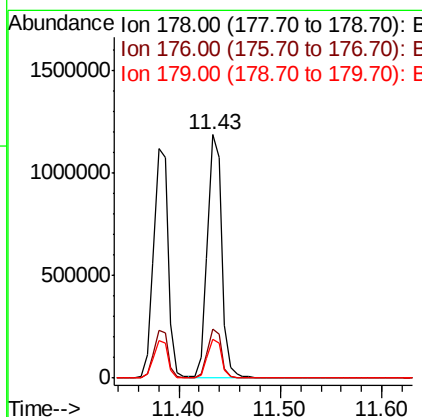
Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



#72
Anthracene
Concen: 50.194 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.9	13.0	19.6





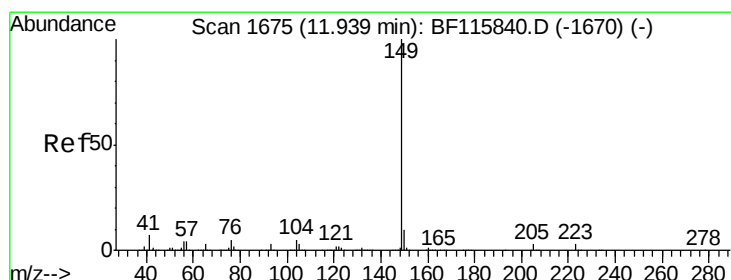
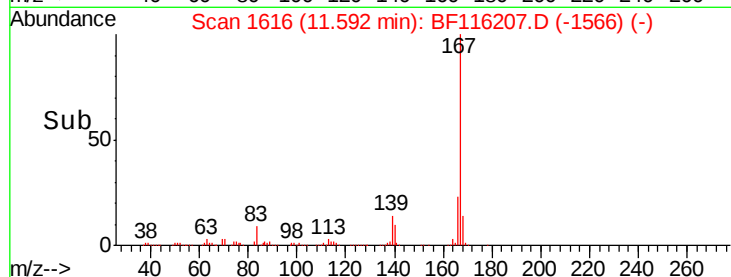
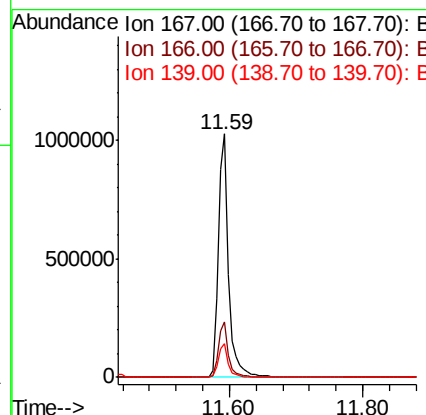
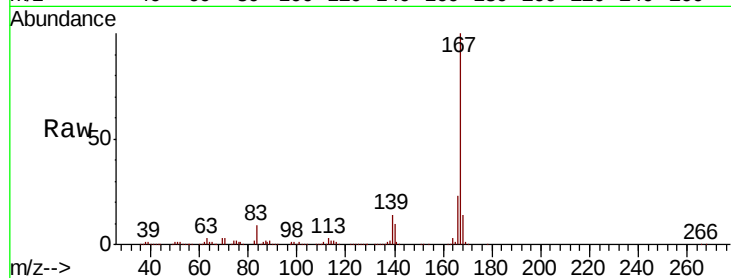
#73
 Carbazole
 Concen: 52.232 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.6
139	13.7	11.4	17.0

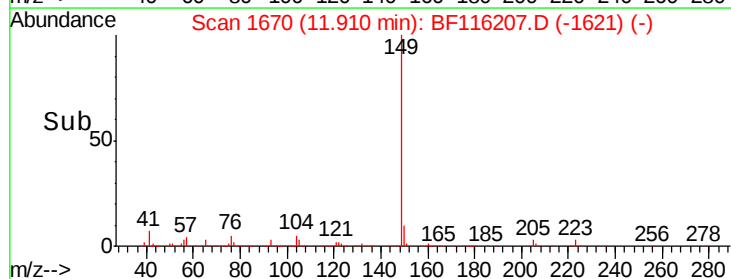
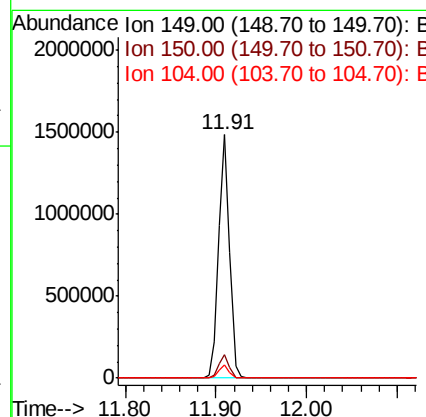
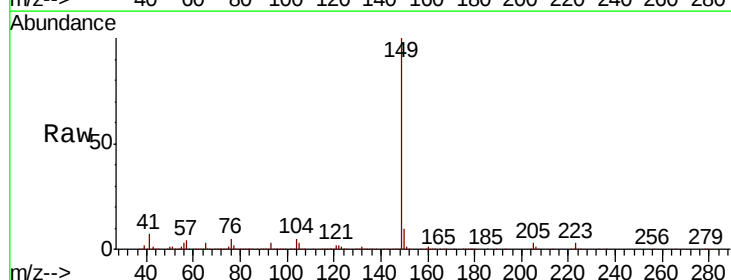
Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM



#74
 Di-n-butylphthalate
 Concen: 50.690 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 50.543 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

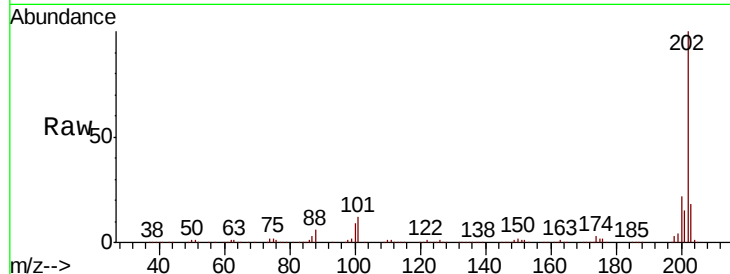
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

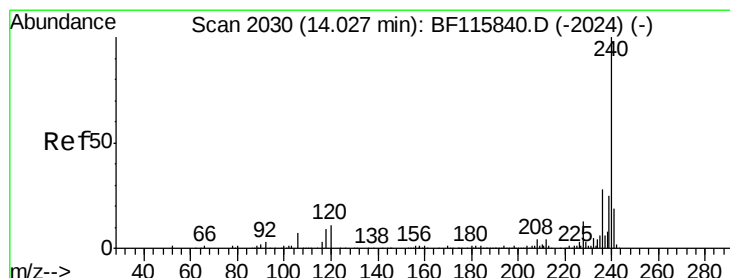
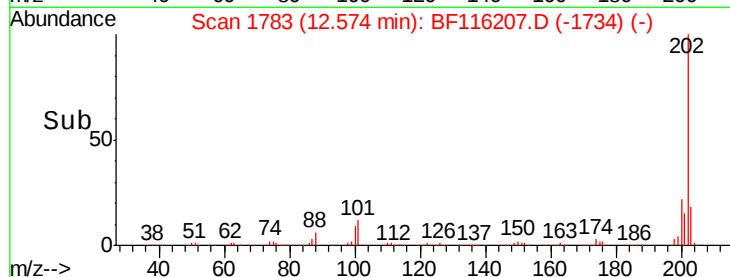
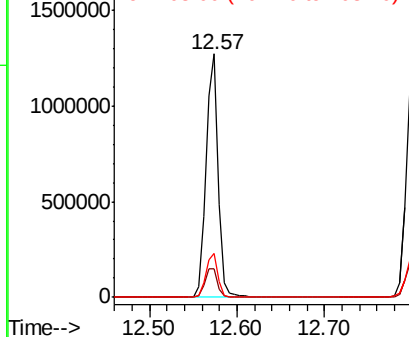
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1217205		
101	11.9	0.0	31.2	
203	18.1	0.0	37.8	

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



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

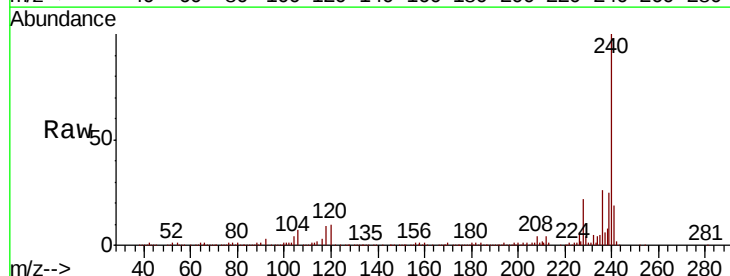
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

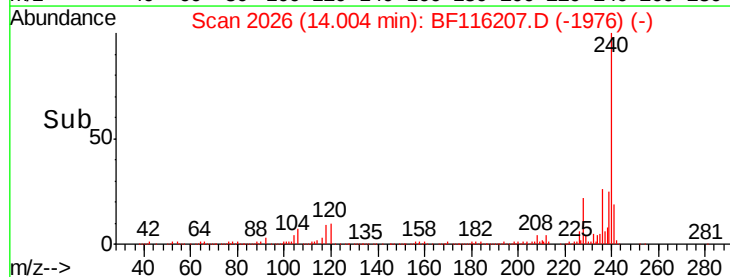
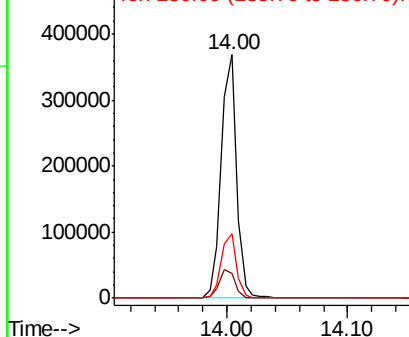
Lab File: BF116207.D

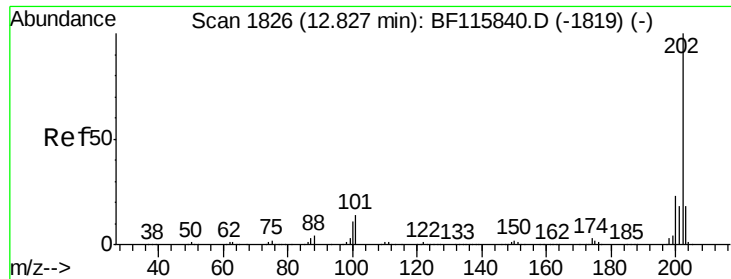
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	322276		
120	10.0	10.7	16.1#	
236	26.5	22.2	33.2	



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





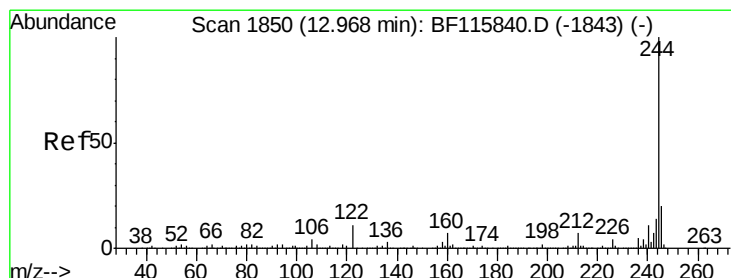
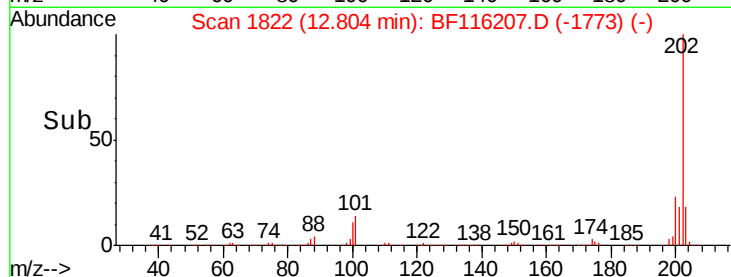
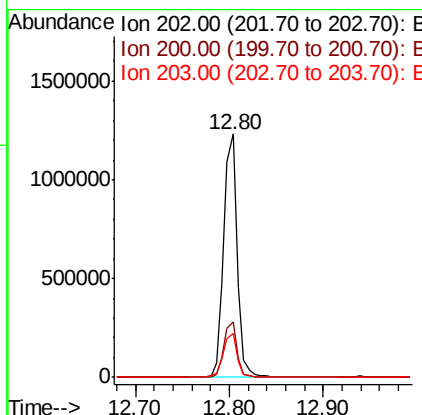
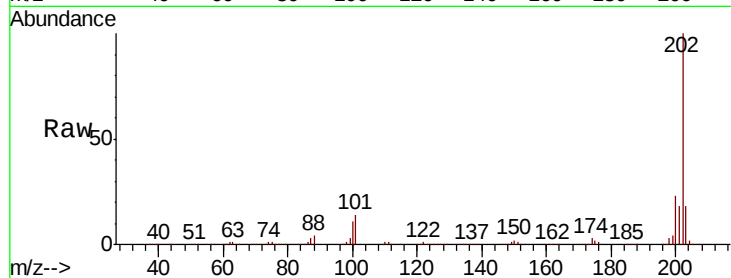
#78
Pvrene
Concen: 50.921 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.0	27.0
203	18.1	14.1	21.1

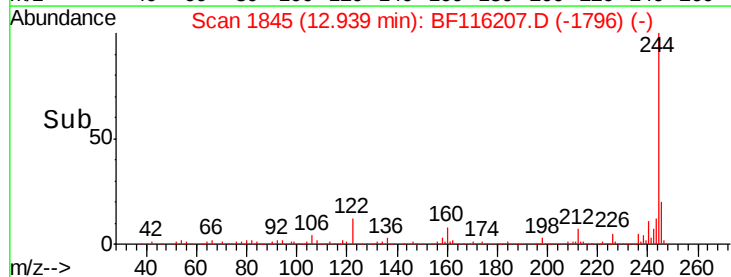
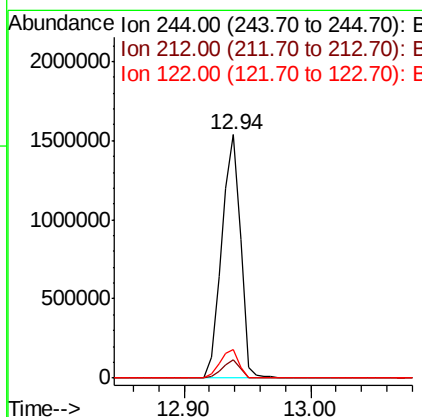
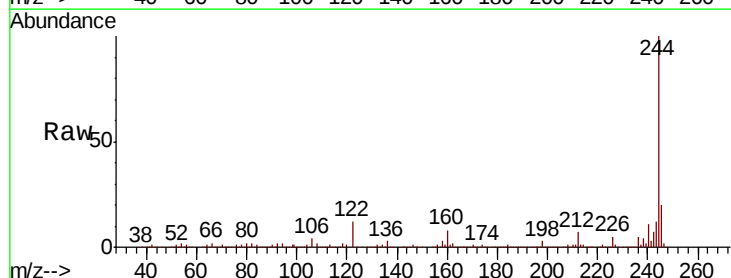
Manual Integrations
APPROVED

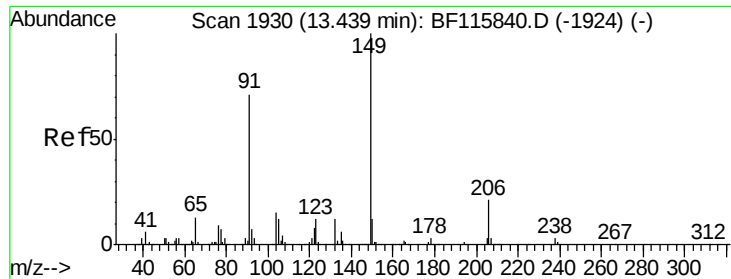
mohammad
8/14/2019 2:53:41 AM



#79
Terphenyl-d14
Concen: 104.511 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	9.0	13.4





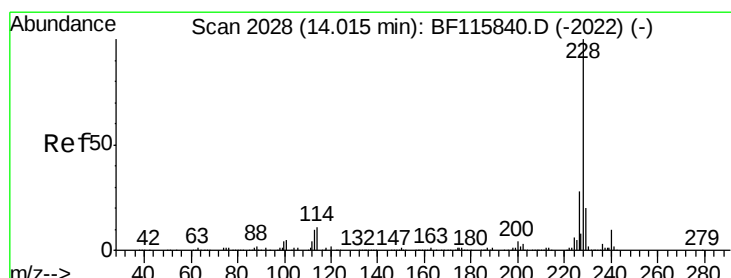
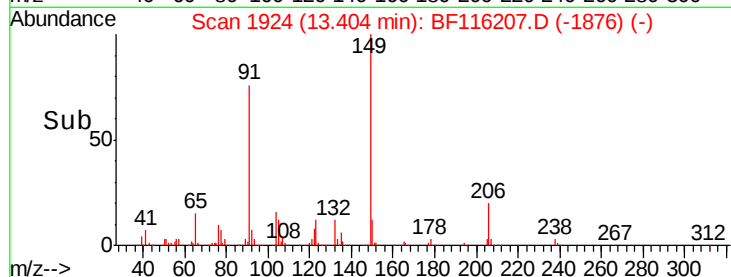
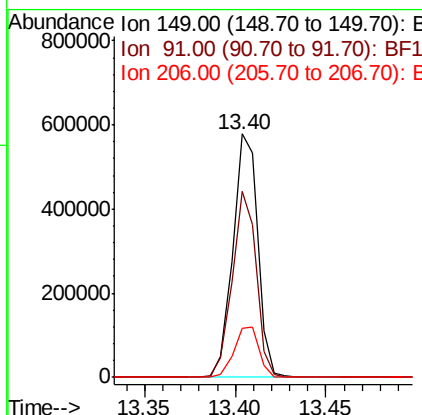
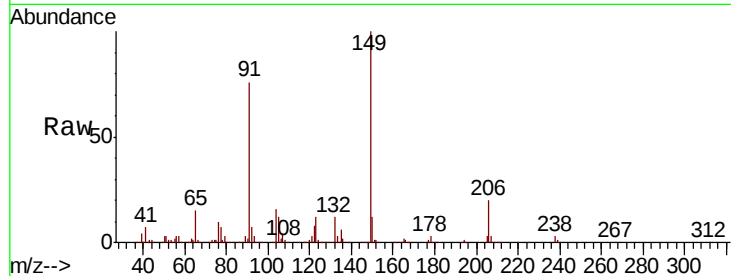
#80
Butylbenzylphthalate
Concen: 53.817 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	56.3	84.5
206	20.0	18.0	27.0

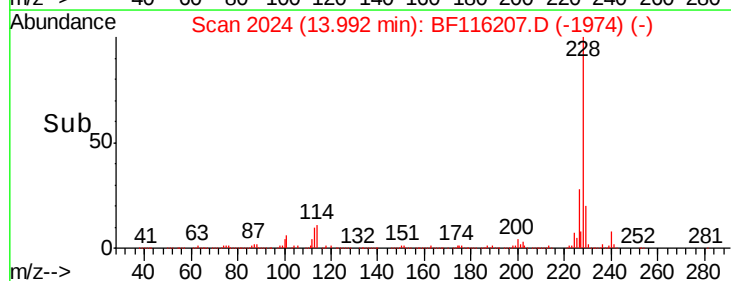
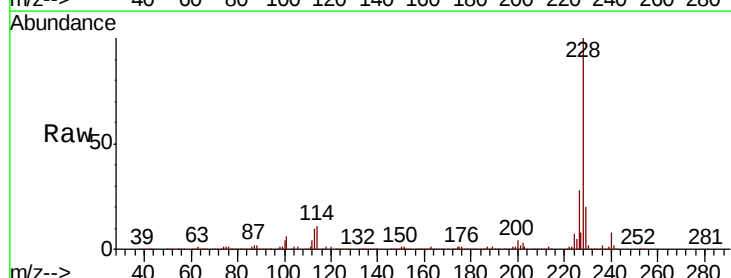
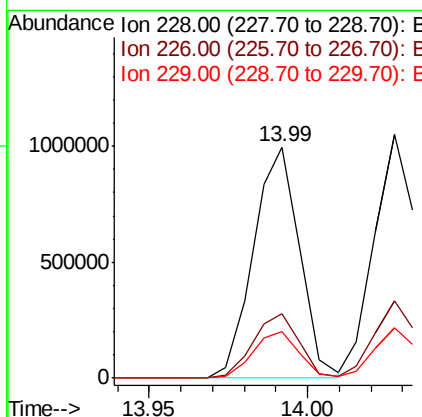
Manual Integrations
APPROVED

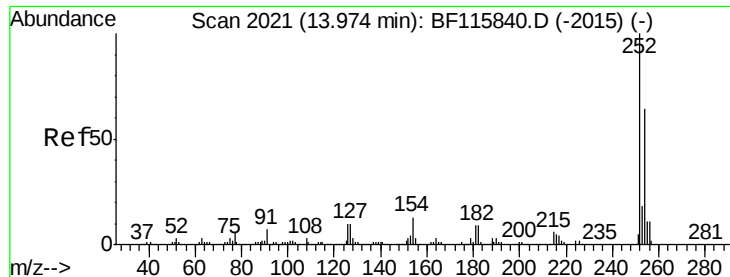
mohammad
8/14/2019 2:53:41 AM



#81
Benzo(a)anthracene
Concen: 48.550 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.0	16.2	24.4





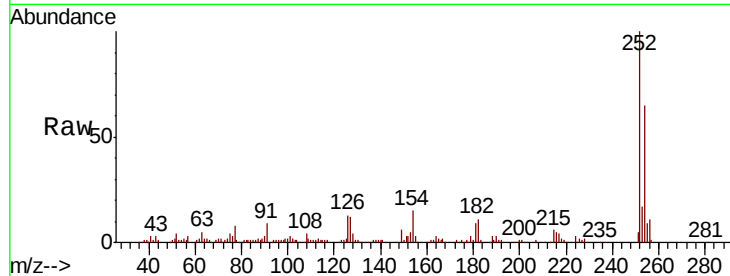
#82
 3,3'-Dichlorobenzidine
 Concen: 21.149 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

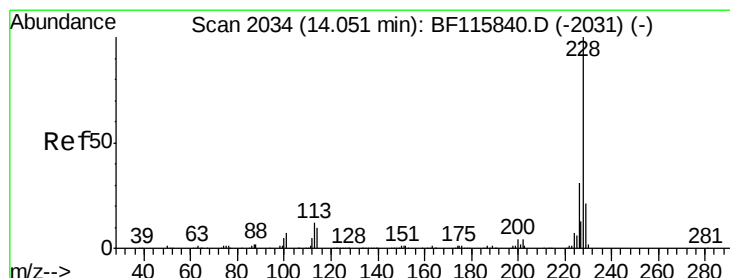
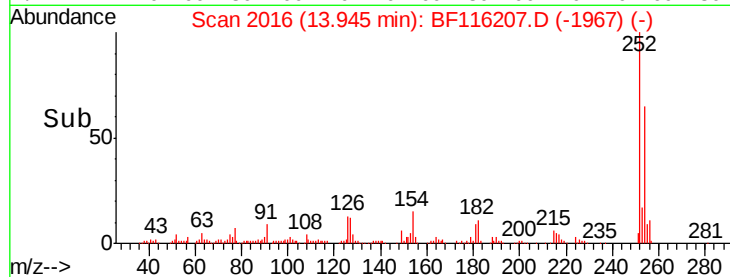
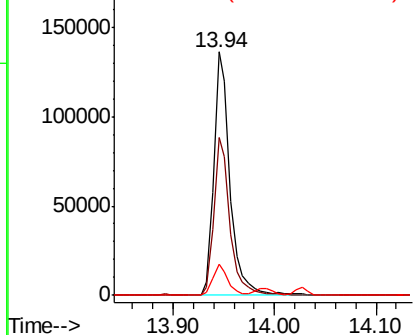
Tot Ion	Ratio	Resp	Lower	Upper
252	100	151349		
254	64.7	50.9	76.3	
126	12.6	9.8	14.8	

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM

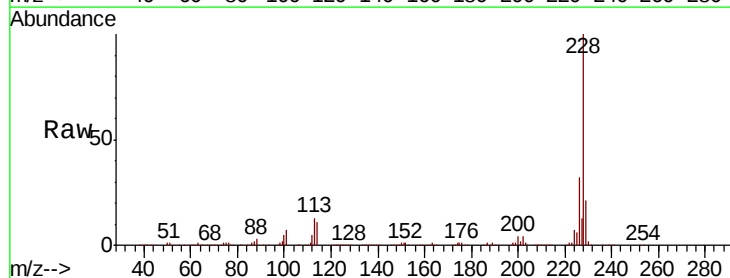


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

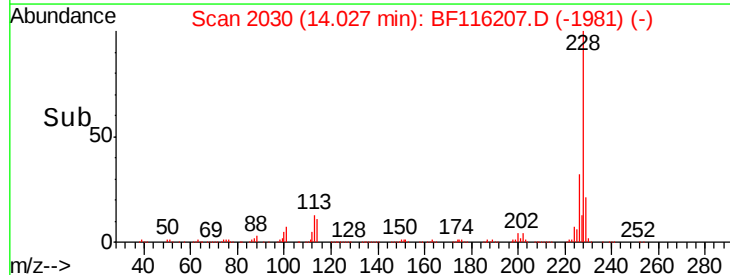
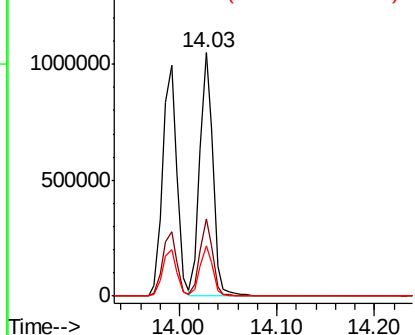


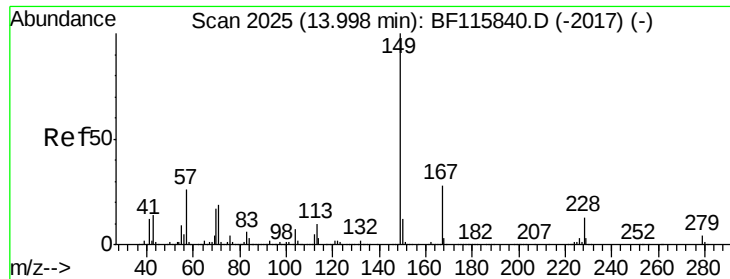
#83
 Chrysene
 Concen: 48.988 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	979670		
226	31.8	25.5	38.3	
229	20.7	16.6	24.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 56.542 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116207.D

Acq: 12 Aug 2019 23:41

Instrument :

BNA_F

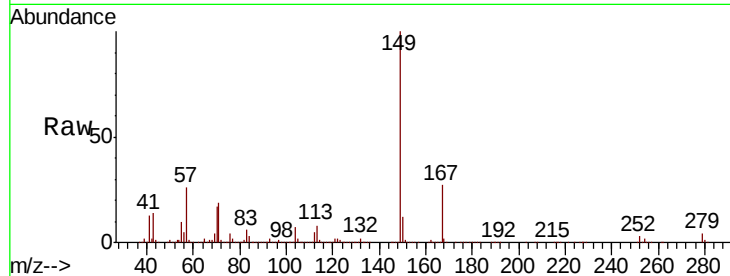
ClientSampleId :

2S-H1-H4-COMP-(0-1)MS

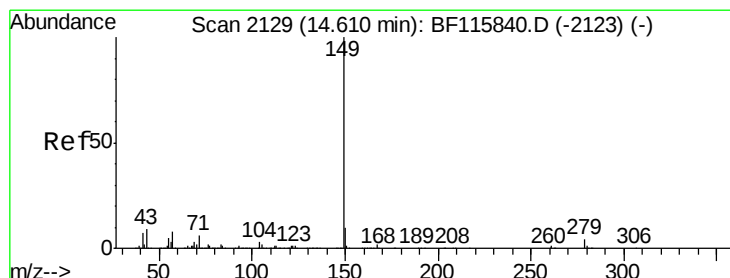
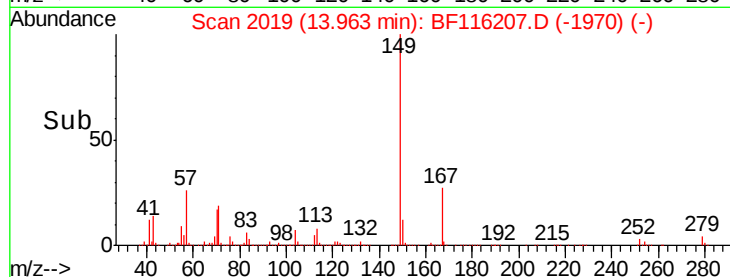
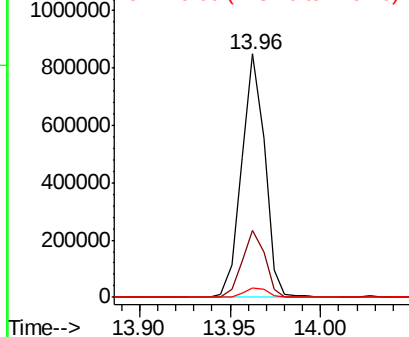
Tot Ion:	149	Resp:	755062
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.6	32.4
279	4.0	3.0	4.4

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:41 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 55.768 ng

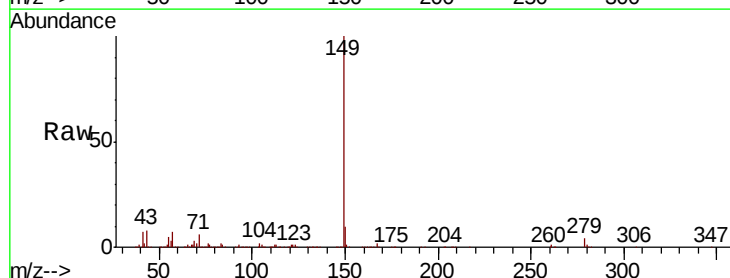
RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

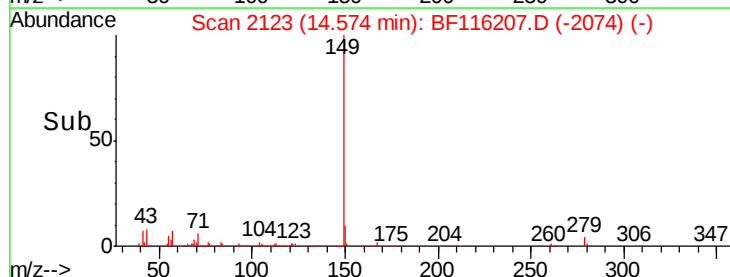
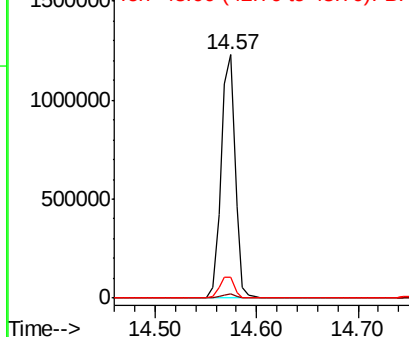
Lab File: BF116207.D

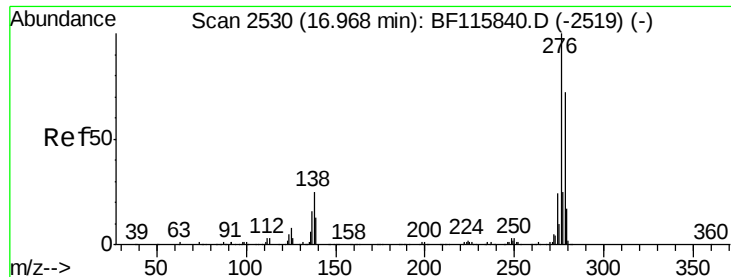
Acq: 12 Aug 2019 23:41

Tgt Ion:	149	Resp:	1182896
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3



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





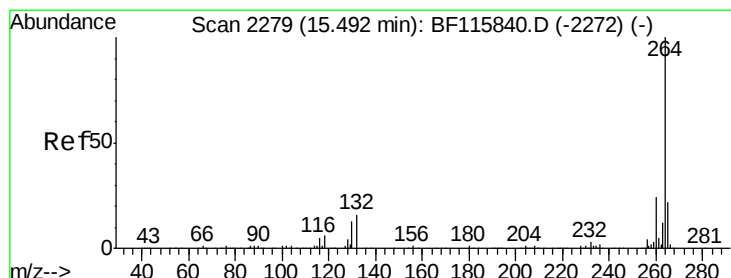
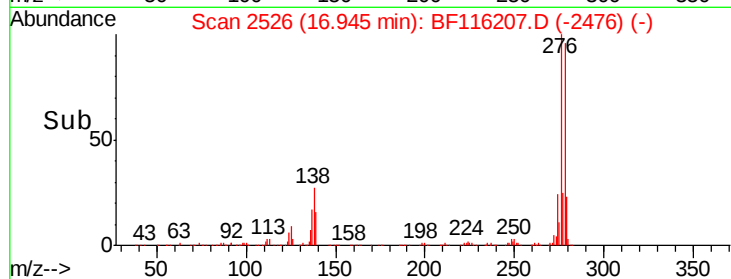
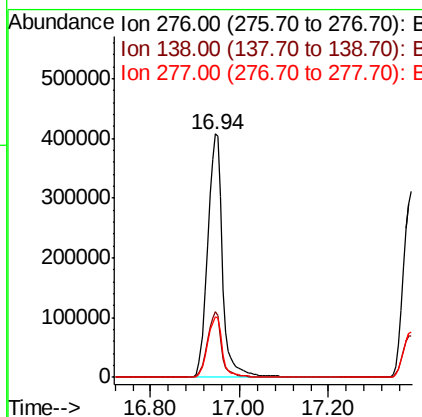
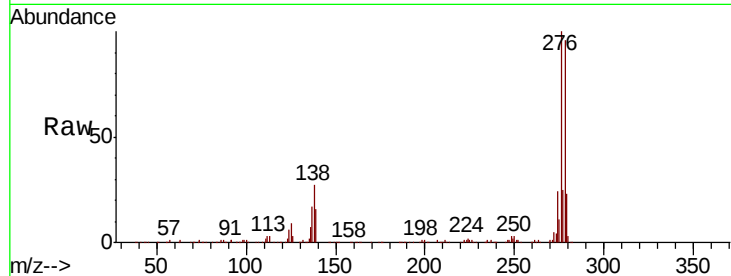
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 56.889 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion:	276	Resp:	955532
Ion Ratio	Lower	Upper	
276	100		
138	25.7	20.4	30.6
277	25.0	20.0	30.0

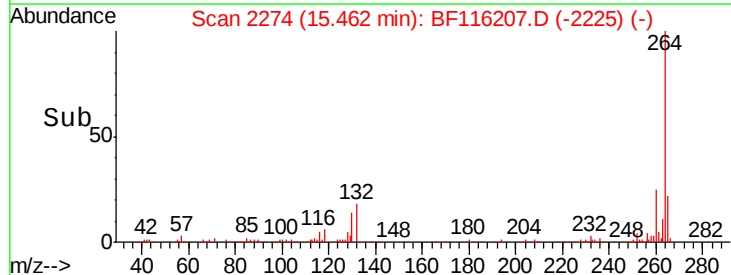
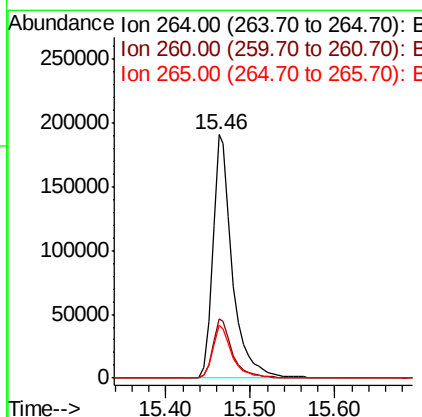
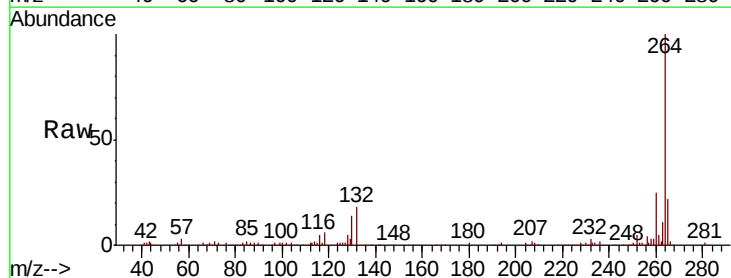
Manual Integrations
 APPROVED

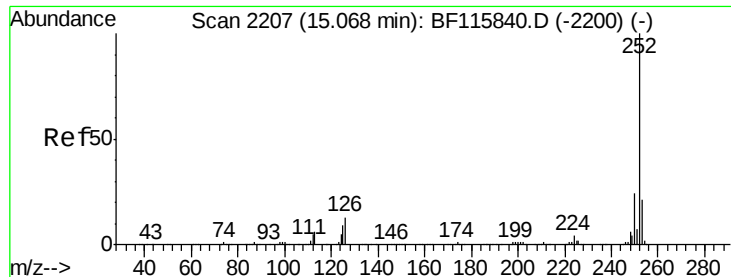
mohammad
 8/14/2019 2:53:41 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Tgt Ion:	264	Resp:	311261
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.7	29.5
265	21.5	17.4	26.0





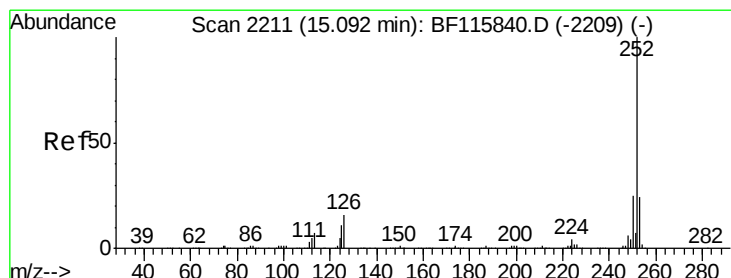
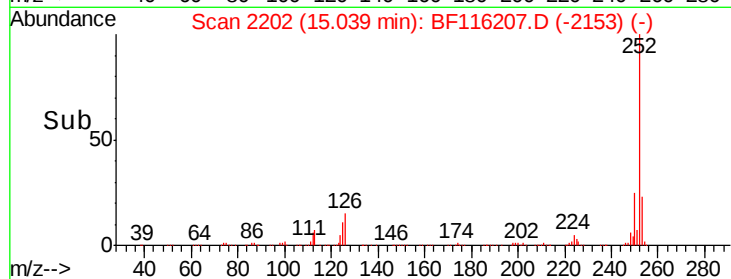
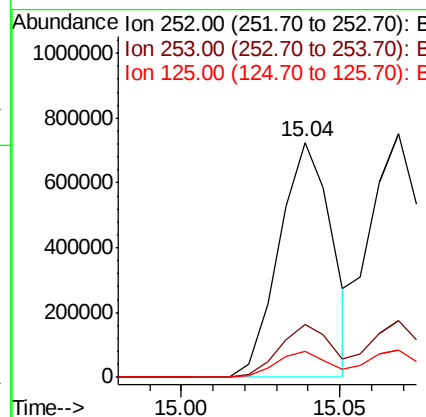
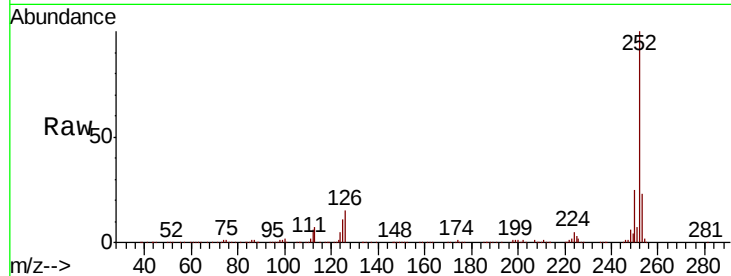
#88
Benzo(b)fluoranthene
Concen: 46.596 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.3	8.4	12.6

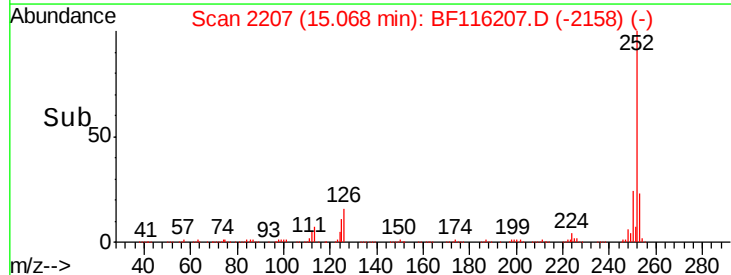
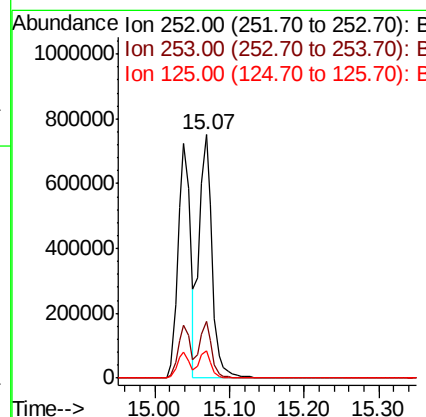
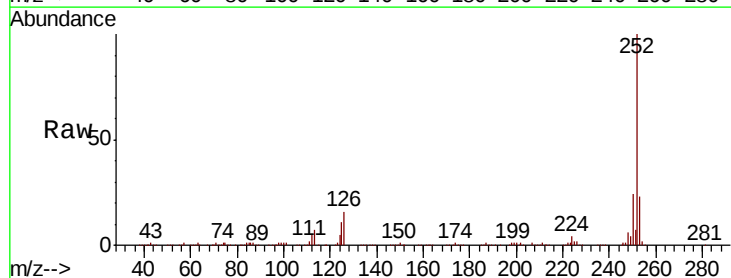
Manual Integrations
APPROVED

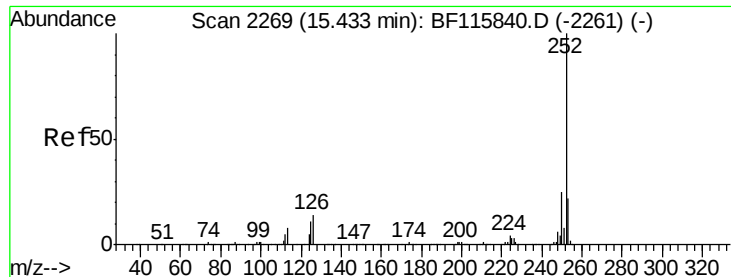
mohammad
8/14/2019 2:53:41 AM



#89
Benzo(k)fluoranthene
Concen: 51.544 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.1	7.7	11.5





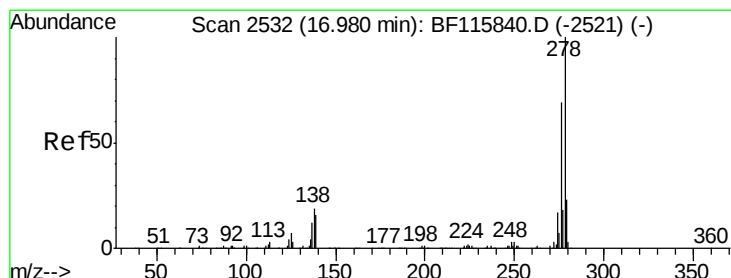
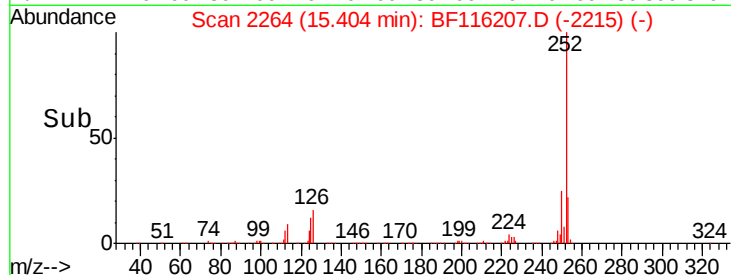
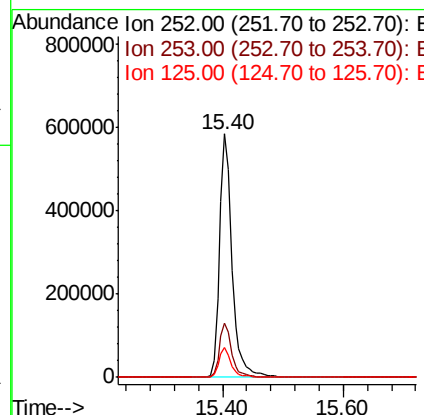
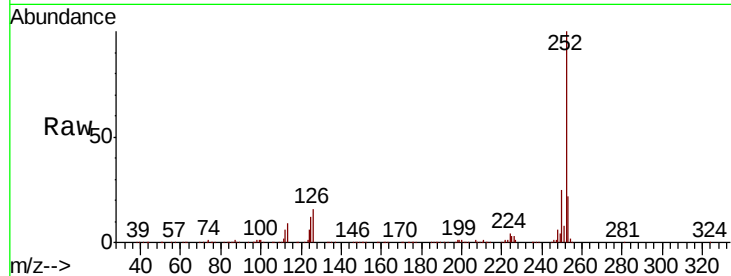
#90
Benzo(a)pyrene
Concen: 51.524 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.0	8.9	13.3

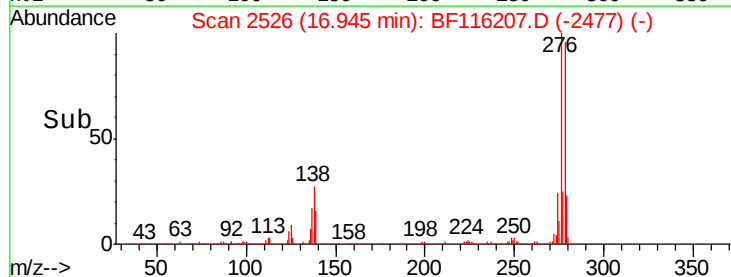
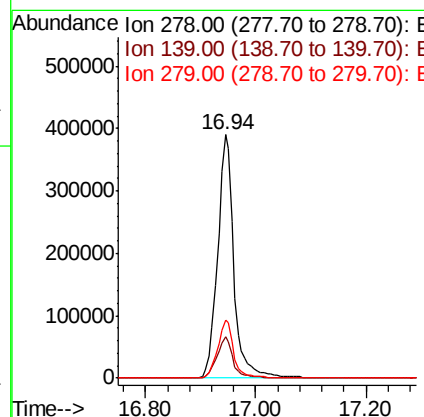
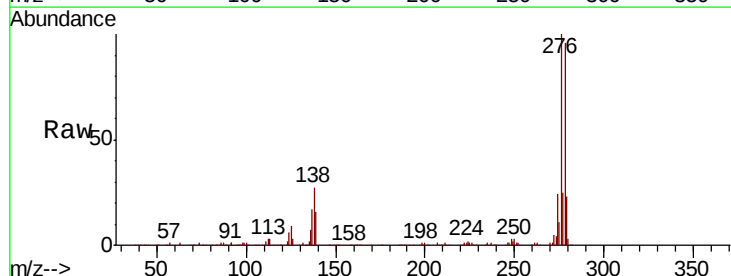
Manual Integrations
APPROVED

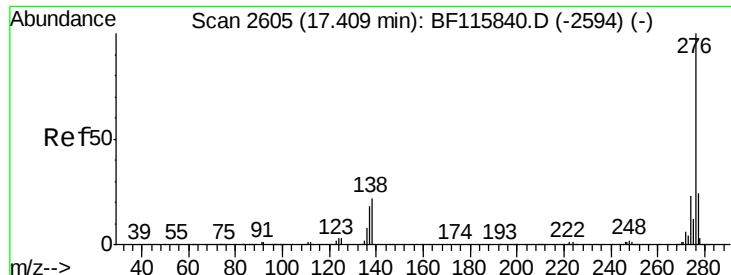
mohammad
8/14/2019 2:53:41 AM



#91
Dibenzo(a,h)anthracene
Concen: 57.361 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116207.D
Acq: 12 Aug 2019 23:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.8	19.2
279	23.7	18.8	28.2





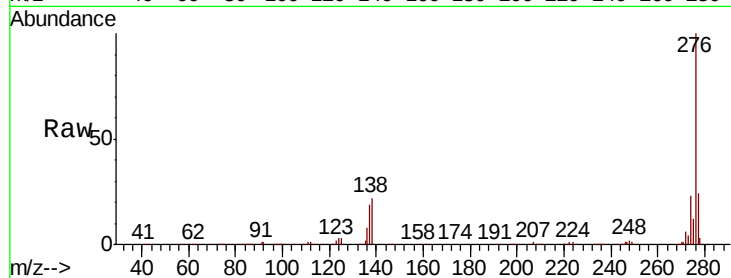
#92
 Benzo(a,h,i)perylene
 Concen: 58.508 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BF116207.D
 Acq: 12 Aug 2019 23:41

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.4	18.4	27.6		
138	21.9	17.0	25.6		

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:41 AM



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

