

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062619\
 Data File : BF115212.D
 Acq On : 26 Jun 2019 10:41
 Operator : HP/JU
 Sample : K3309-03DL2 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-190610DL2

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:31:41 AM

Quant Time: Jun 27 08:48:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 12:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	226313	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	902952	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	446341	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	897944	20.00	ng	0.00
76) Chrysene-d12	13.72	240	734831	20.00	ng	-0.01
87) Perylene-d12	15.09	264	681506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	41452	2.83	ng	0.00
7) Phenol-d6	6.24	99	33647	1.89	ng	-0.02
23) Nitrobenzene-d5	7.17	82	64709	4.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	30428	6.46	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	142353	5.42	ng	-0.01
79) Terphenyl-d14	12.68	244	144966	4.19	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.20	88	1311262	189.452	ng	99
4) n-Nitrosodimethylamine	2.81	42	69067m	9.031	ng	
10) Phenol	6.25	94	154210	7.396	ng	77
11) bis(2-Chloroethyl)ether	6.34	93	269272	17.519	ng	98
14) 1,2-Dichlorobenzene	6.78	146	217825	12.817	ng	96
17) 2-Methylphenol	6.87	107	209160	15.366	ng	99
20) 3+4-Methylphenols	7.03	107	1276783	81.235	ng	# 55
27) 2,4-Dimethylphenol	7.57	122	570709	43.648	ng	# 90
58) Fluorene	10.17	166	139	Below Cal	#	94

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

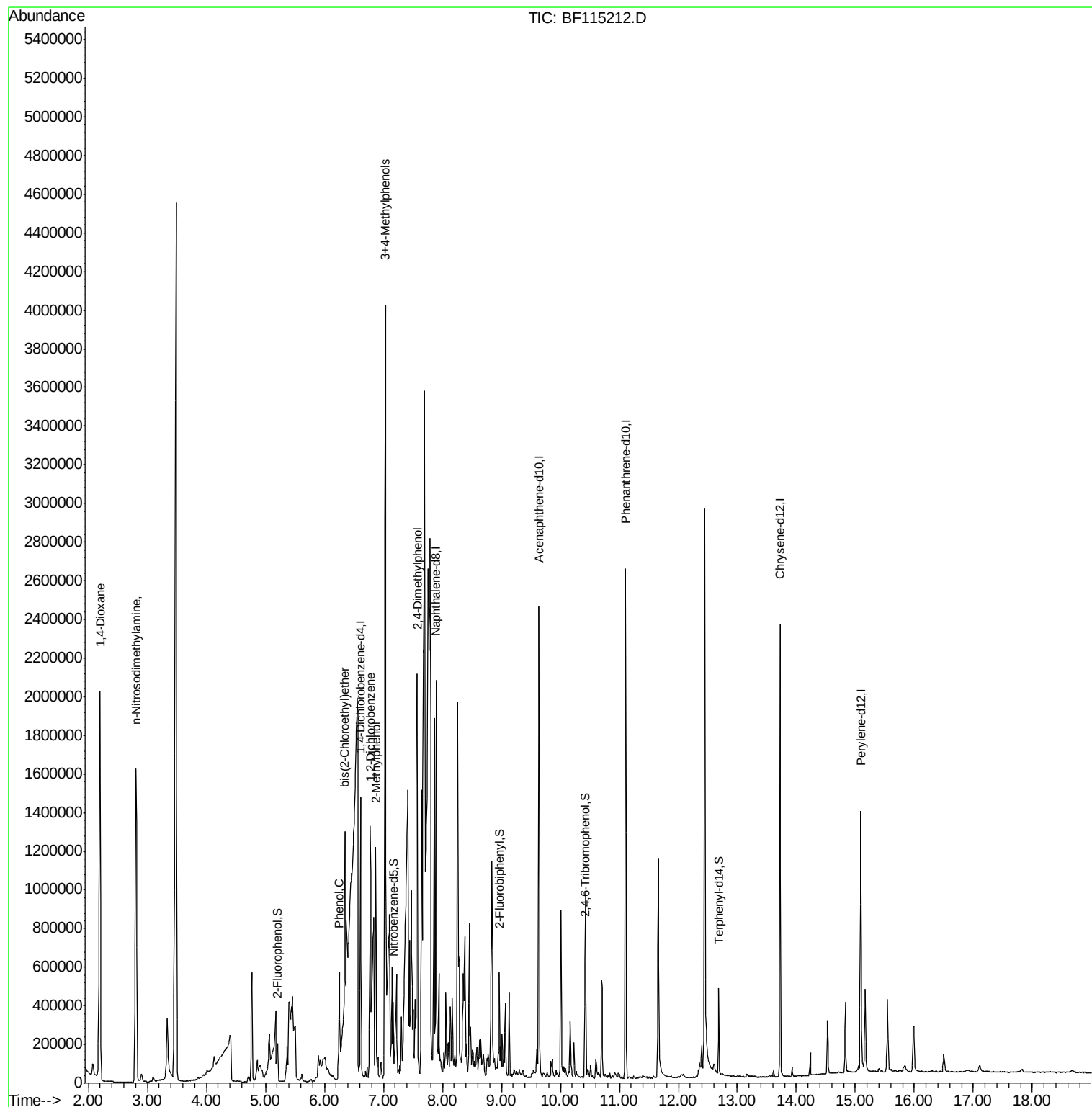
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062619\
Data File : BF115212.D
Acq On : 26 Jun 2019 10:41
Operator : HP/JU
Sample : K3309-03DL2 25X
Misc :
ALS Vial : 6 Sample Multiplier: 1

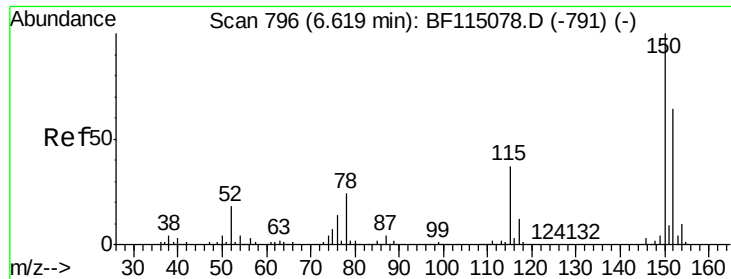
Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM

Quant Time: Jun 27 08:48:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 12:16:21 2019
Response via : Initial Calibration





#1

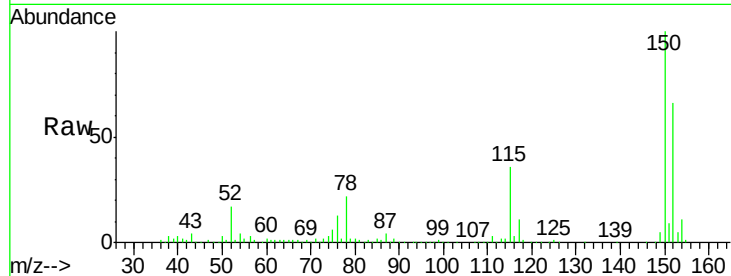
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.6	184.0
115	55.3	46.2	69.4

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM

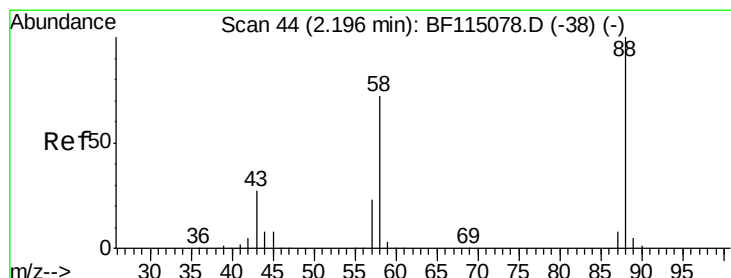
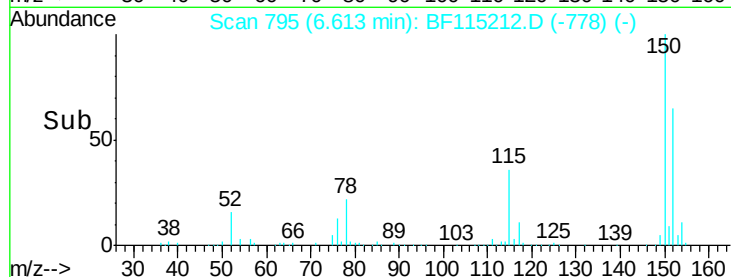
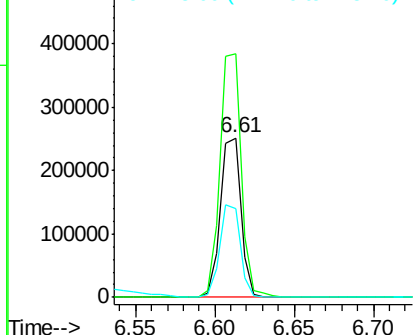


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

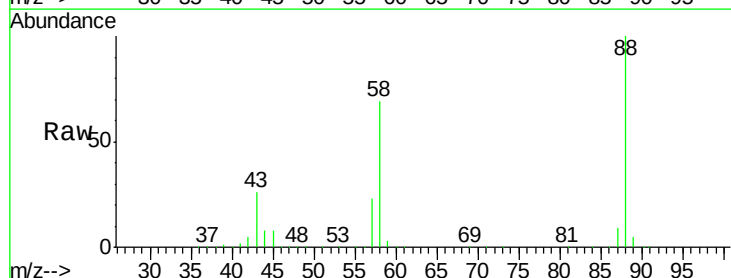
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 189.452 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	54.6	82.0
43	26.2	21.0	31.6

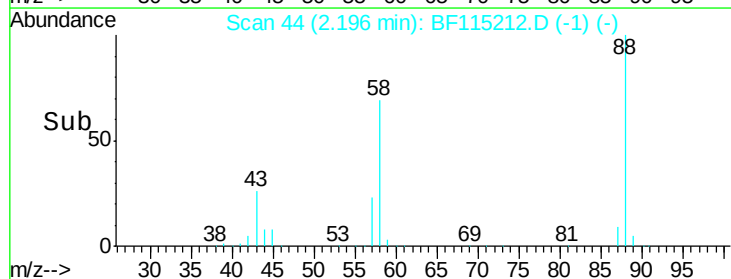
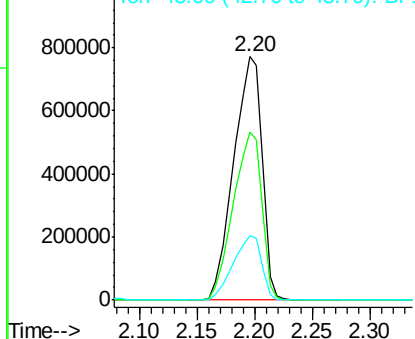


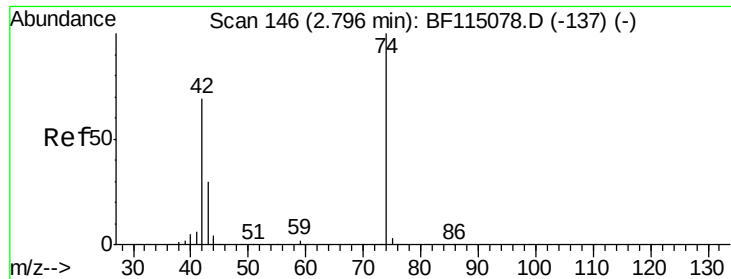
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#4

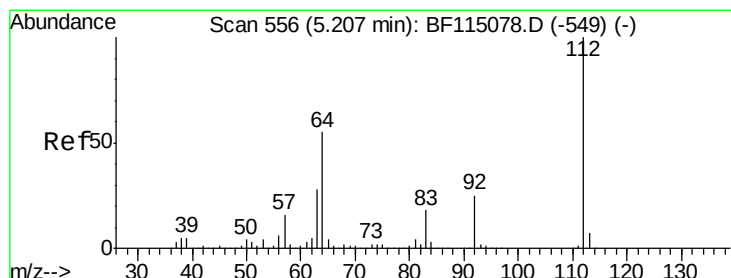
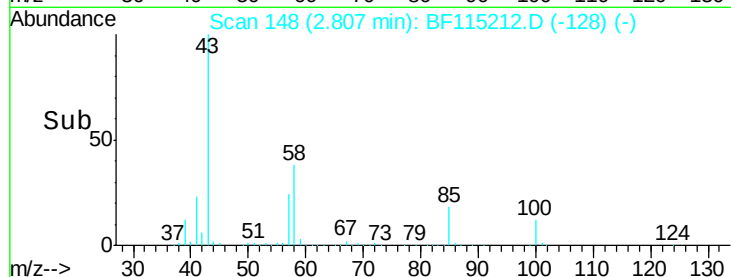
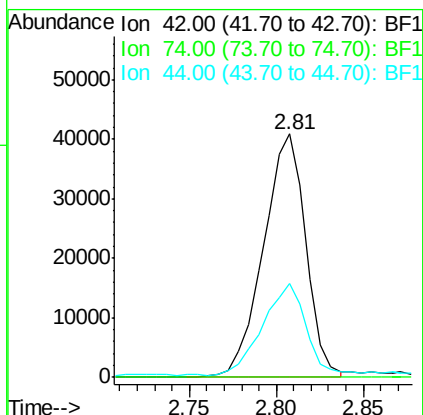
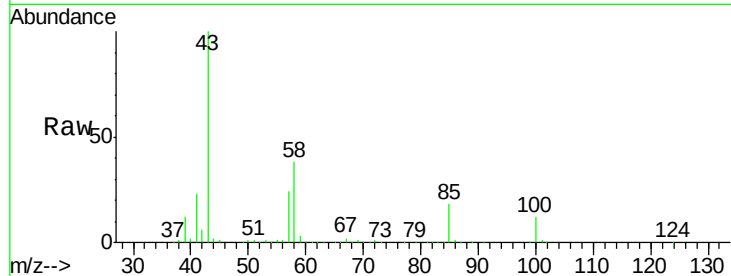
n-Nitrosodimethylamine
 Concen: 9.031 ng m
 RT: 2.81 min Scan# 148
 Delta R.T. 0.02 min
 Lab File: BF115212.D
 Acq: 26 Jun 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-190610DL2

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	118.6	178.0#
44	38.7	5.4	8.2#

Manual Integrations
 APPROVED

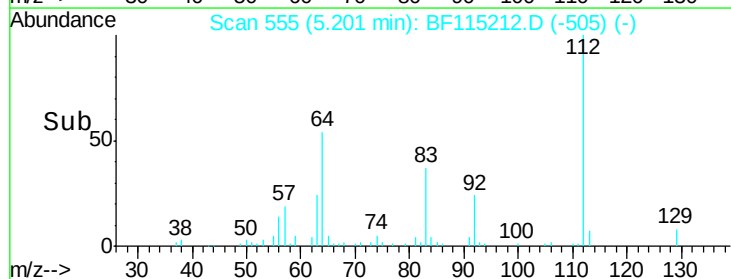
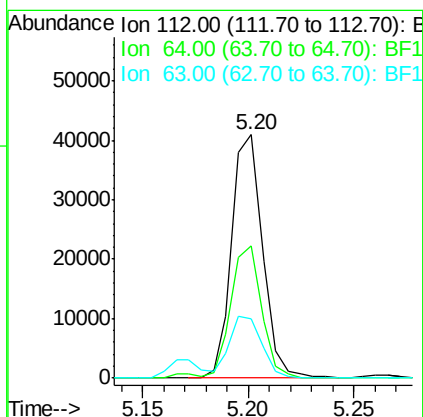
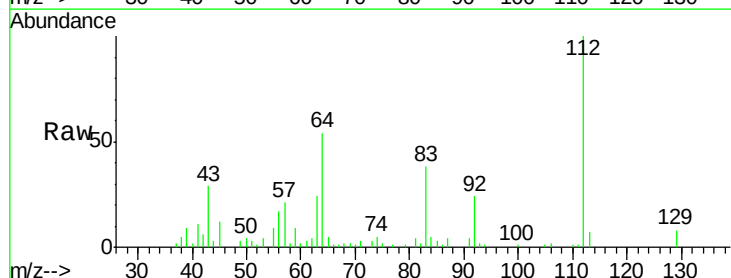
mohammad
 6/27/2019 8:31:41 AM

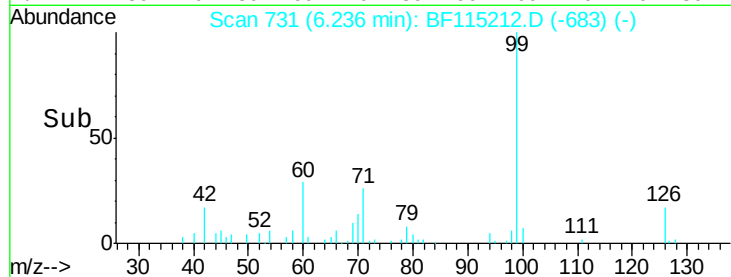
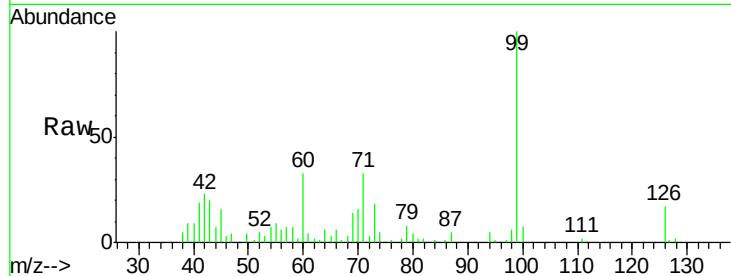
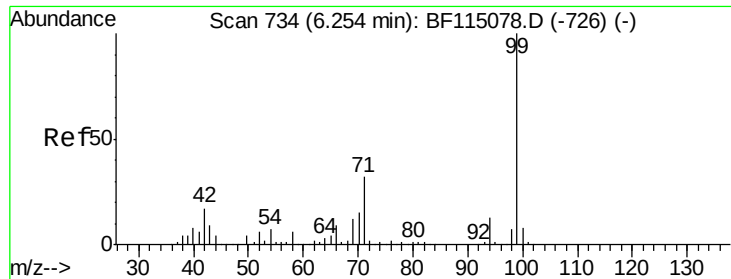


#5

2-Fluorophenol
 Concen: 2.827 ng
 RT: 5.20 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF115212.D
 Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.2	63.4
63	24.1	21.6	32.4





#7

Phenol-d6

Concen: 1.890 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115212.D

Acq: 26 Jun 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		33647		
42	22.8	13.5	20.3#		
71	33.0	25.6	38.4		

Instrument :

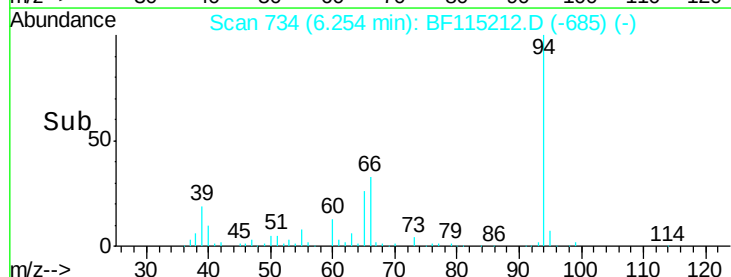
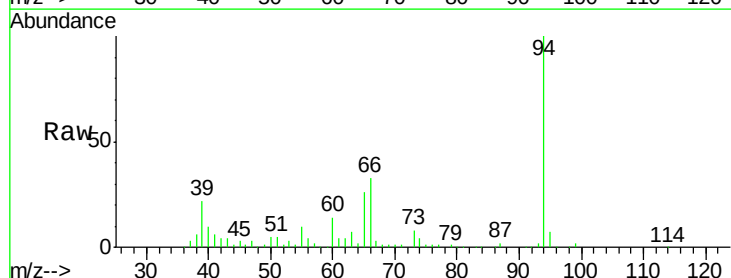
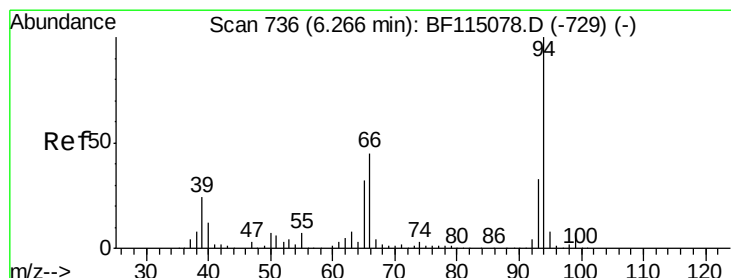
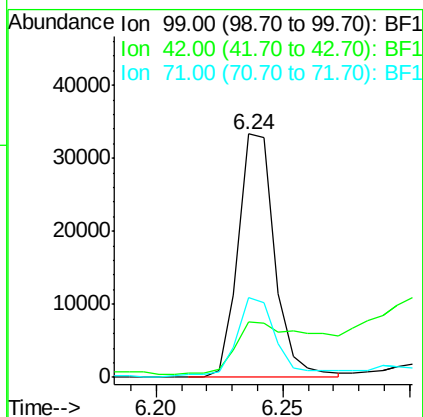
BNA_F

ClientSampleId :

KY032MW006-190610DL2

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM



#10

Phenol

Concen: 7.396 ng

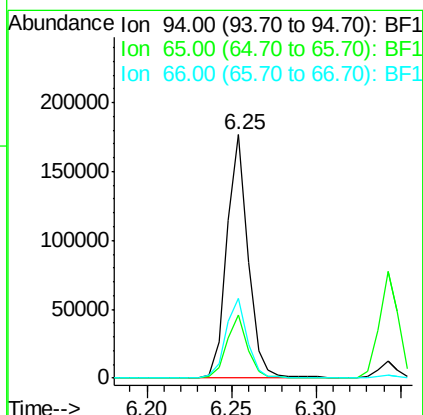
RT: 6.25 min Scan# 734

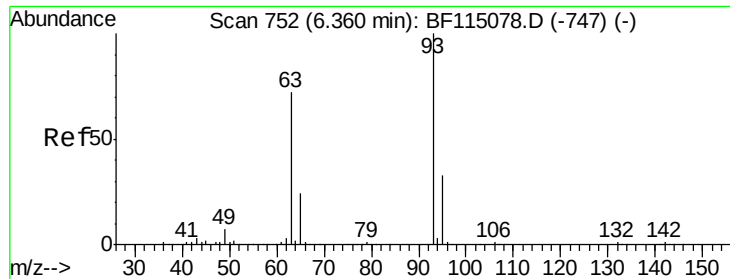
Delta R.T. -0.01 min

Lab File: BF115212.D

Acq: 26 Jun 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		154210		
65	26.0	15.2	55.2		
66	32.7	32.5	72.5		





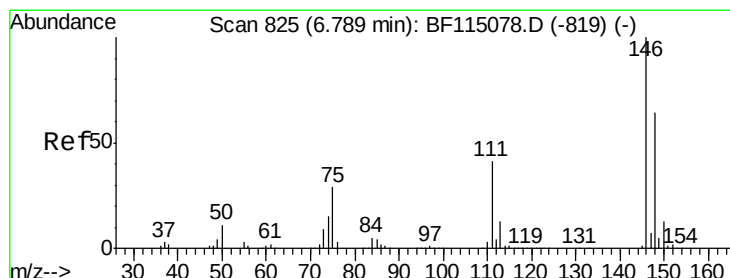
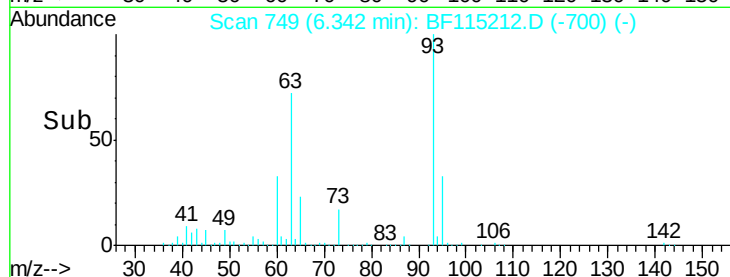
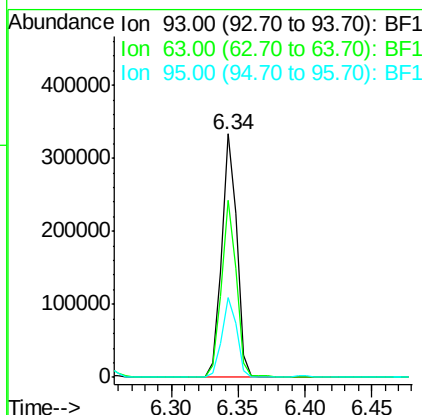
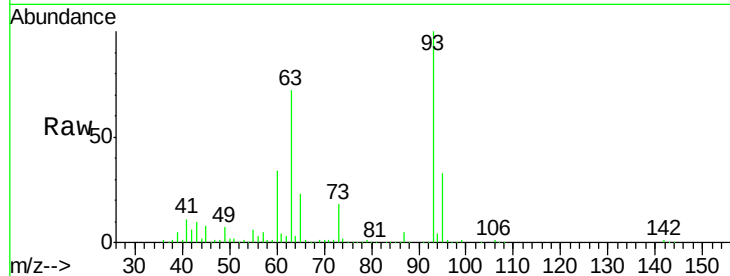
#11
bis(2-Chloroethyl)ether
Concen: 17.519 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.5	54.3	94.3
95	32.7	13.0	53.0

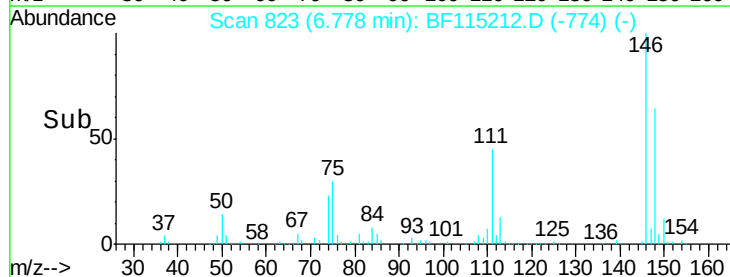
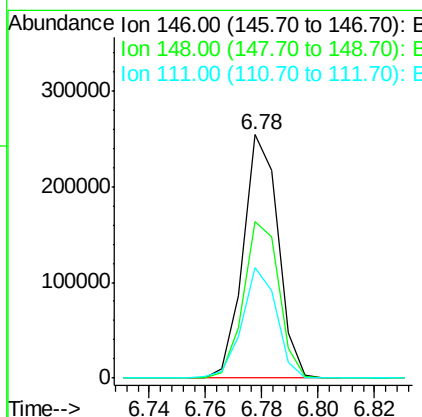
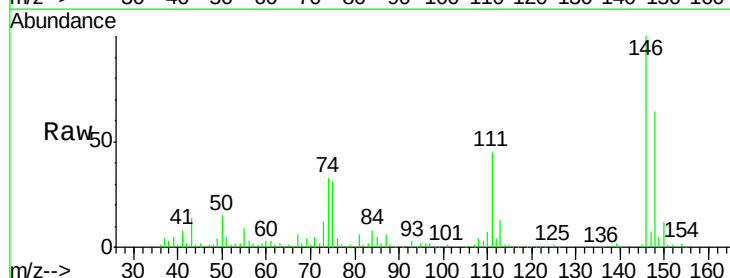
Manual Integrations
APPROVED

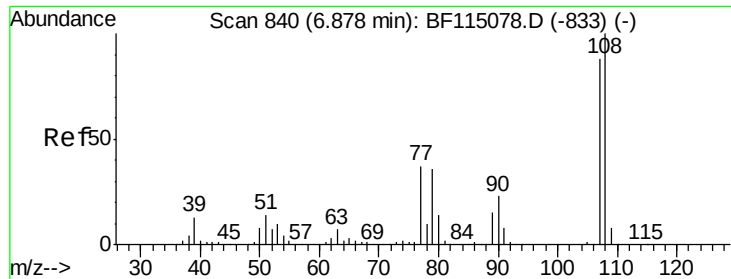
mohammad
6/27/2019 8:31:41 AM



#14
1,2-Dichlorobenzene
Concen: 12.817 ng
RT: 6.78 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
111	45.4	31.7	47.5





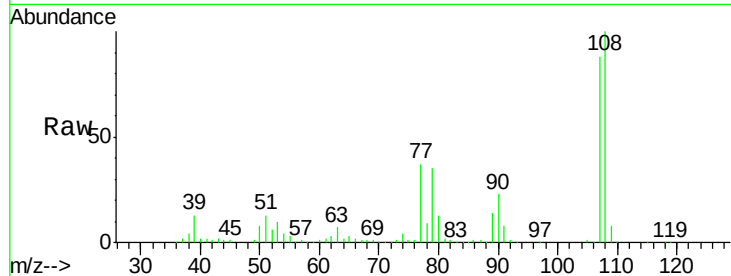
#17
2-Methylphenol
Concen: 15.366 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	209160		
108	113.3	89.9	134.9	
77	41.6	34.5	51.7	
79	40.2	32.9	49.3	

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM



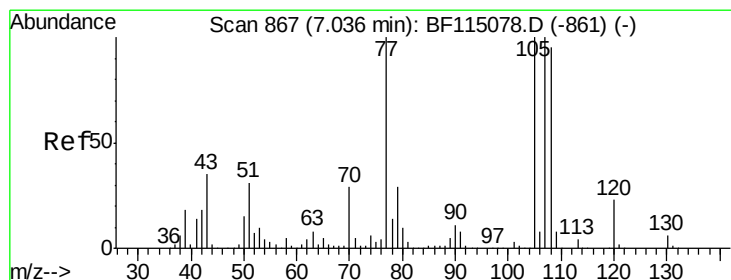
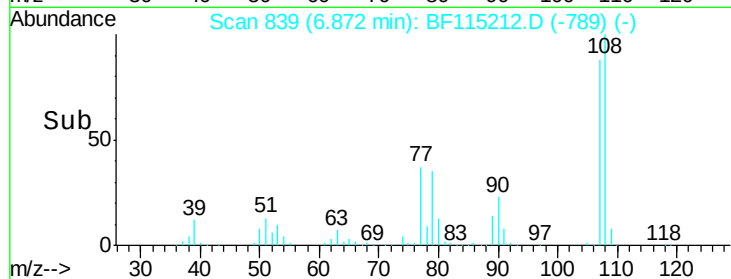
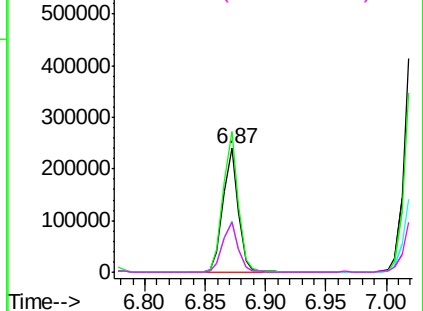
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20
3+4-Methylphenols
Concen: 81.235 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1276783		
108	88.4	68.2	108.2	
77	30.7	107.9	147.9	
79	25.4	7.1	47.1	

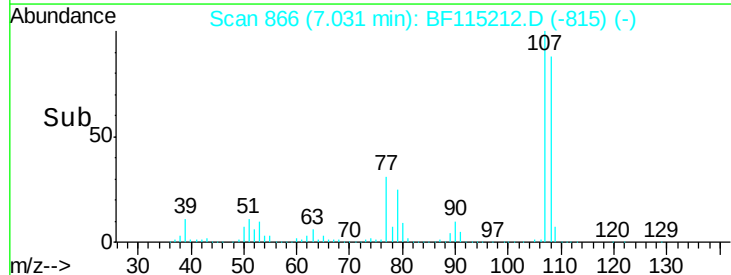
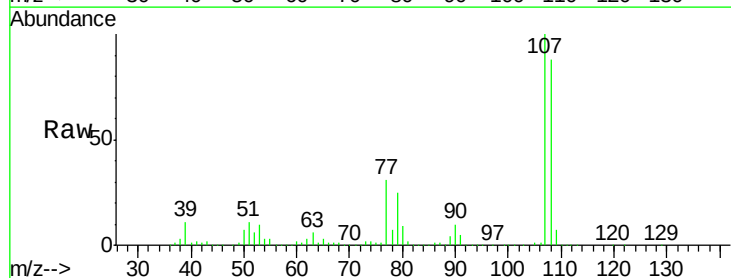
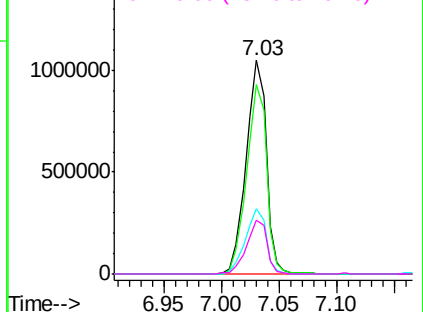
Abundance

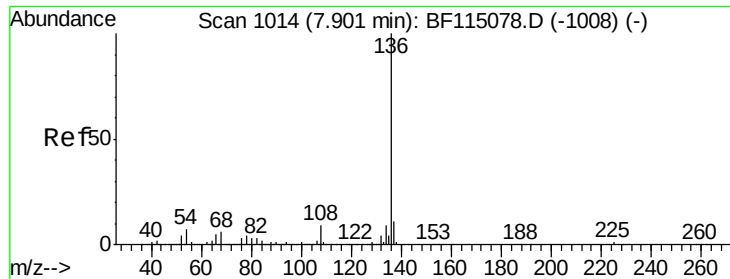
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





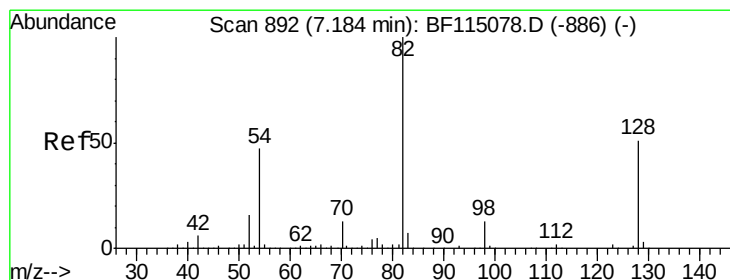
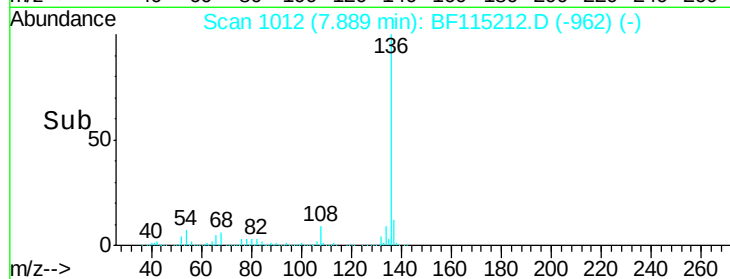
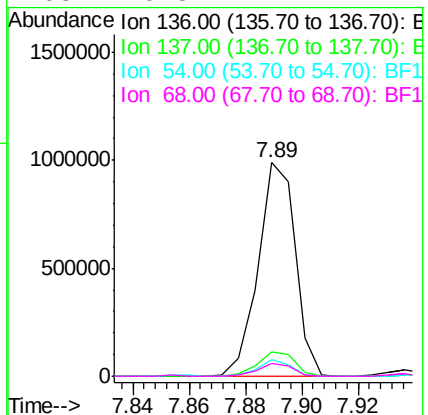
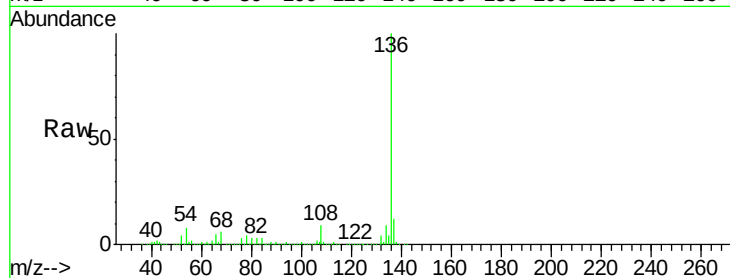
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.5	5.5	8.3
68	6.3	4.7	7.1

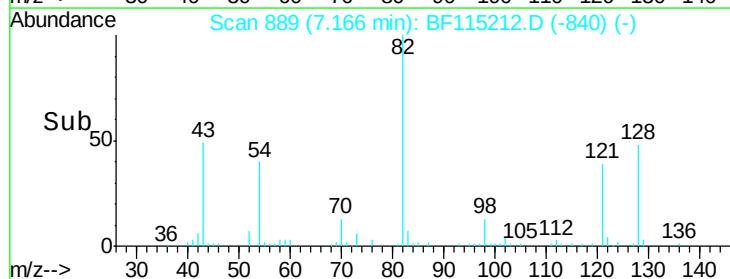
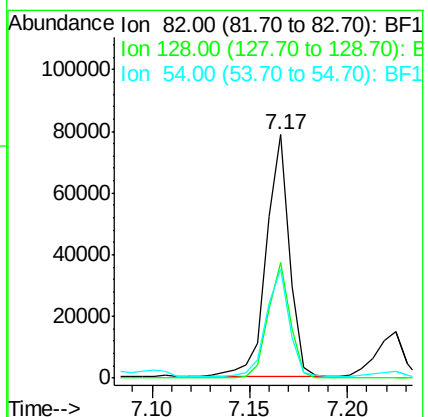
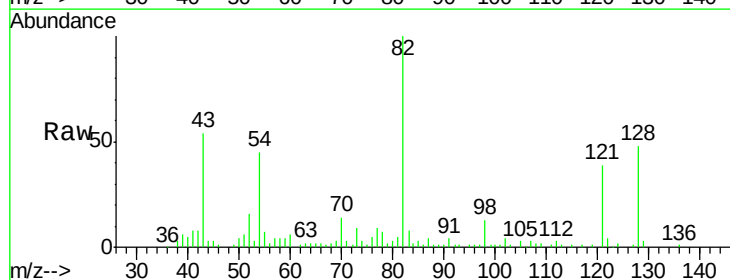
Manual Integrations
APPROVED

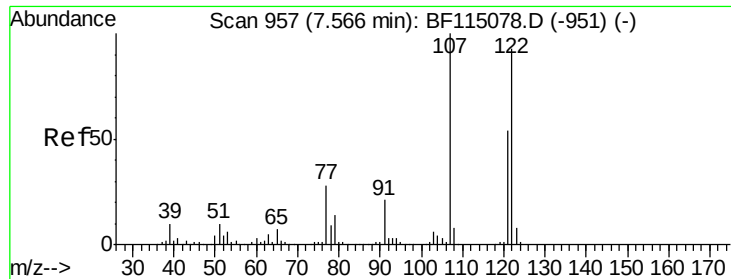
mohammad
6/27/2019 8:31:41 AM



#23
Nitrobenzene-d5
Concen: 4.408 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.6	41.0	61.4
54	44.9	38.2	57.4





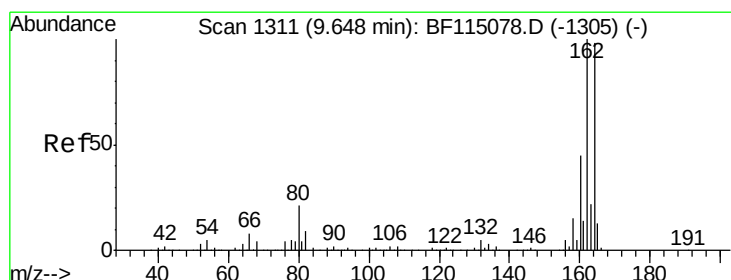
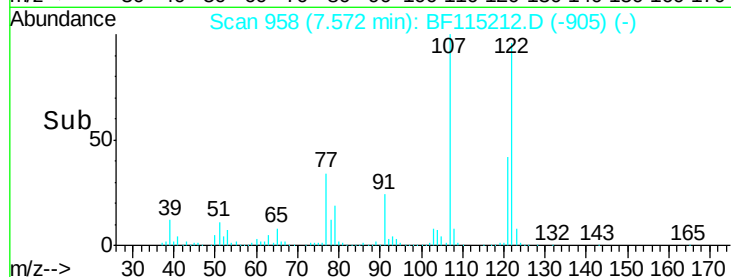
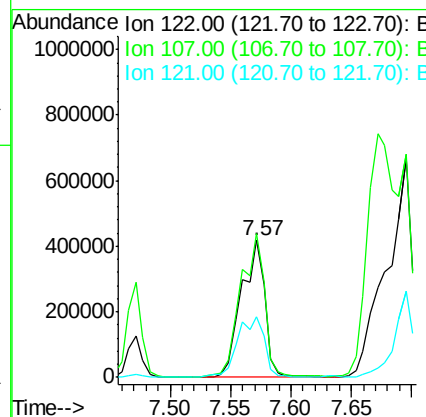
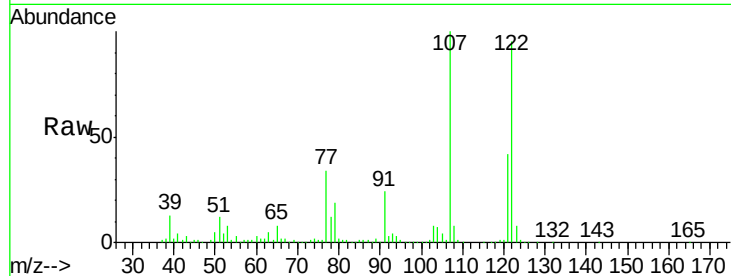
#27
2,4-Dimethylphenol
Concen: 43.648 ng
RT: 7.57 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	570709		
107	104.8	87.8	131.8	
121	44.2	47.0	70.4	

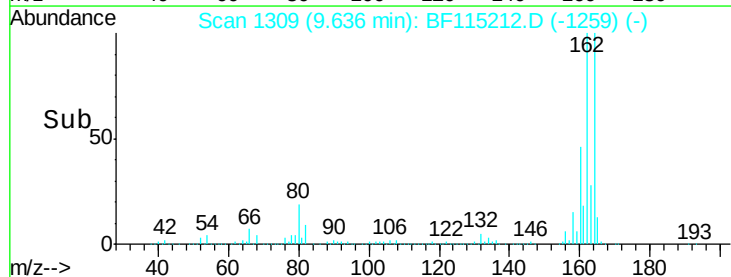
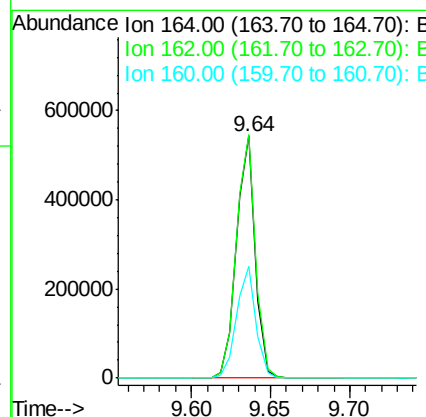
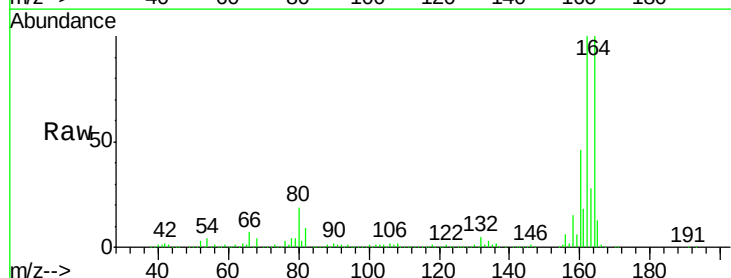
Manual Integrations
APPROVED

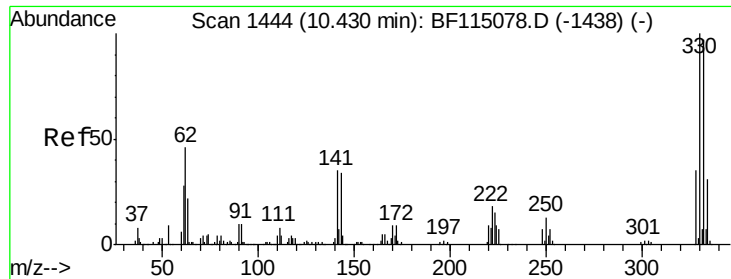
mohammad
6/27/2019 8:31:41 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	446341		
162	100.5	81.7	122.5	
160	46.0	36.8	55.2	





#42

2,4,6-Tribromophenol

Concen: 6.465 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF115212.D

Acq: 26 Jun 2019 10:41

Instrument :

BNA_F

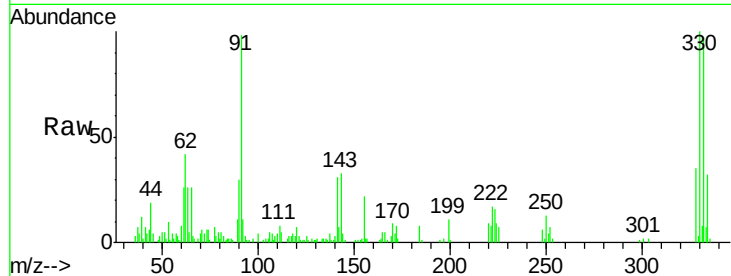
ClientSampleId :

KY032MW006-190610DL2

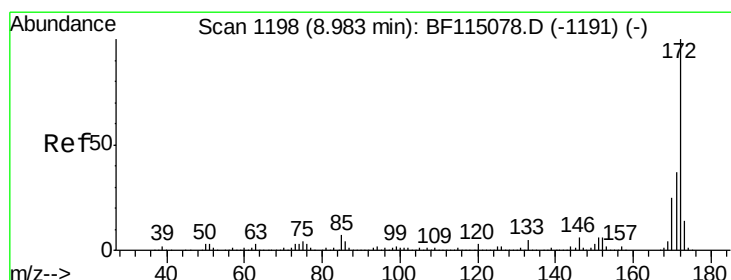
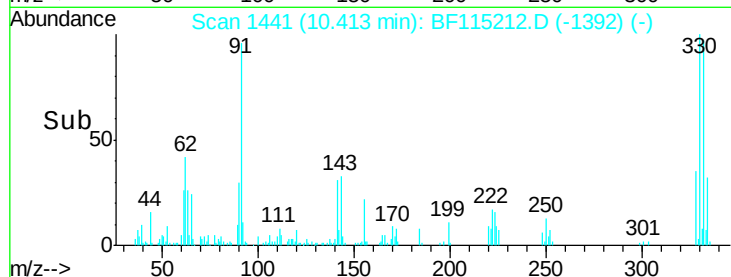
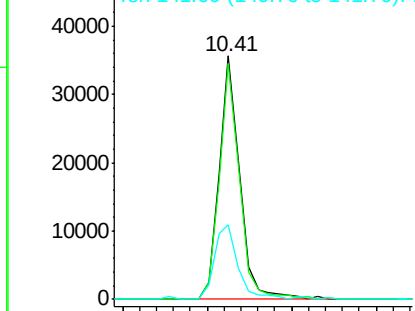
Tgt Ion:	330	Resp:	30428
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.3	114.5
141	34.7	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM



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



#45

2-Fluorobiphenyl

Concen: 5.417 ng

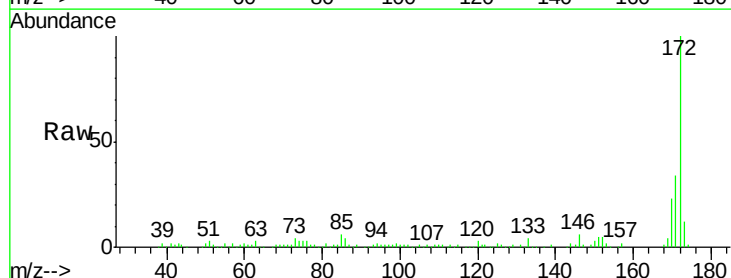
RT: 8.97 min Scan# 1195

Delta R.T. -0.01 min

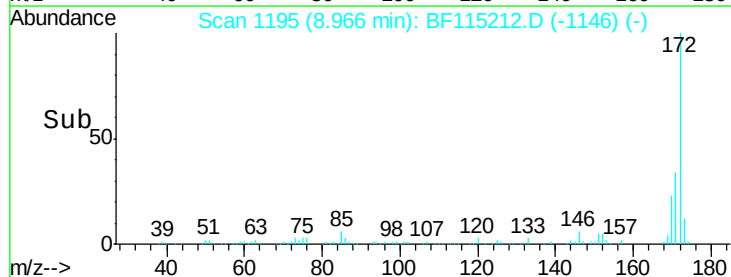
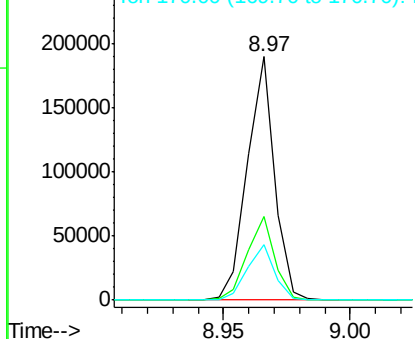
Lab File: BF115212.D

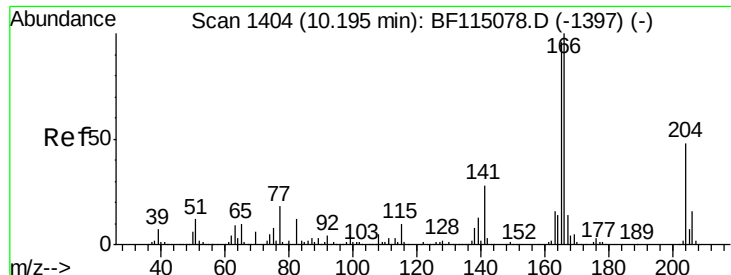
Acq: 26 Jun 2019 10:41

Tgt Ion:	172	Resp:	142353
Ion Ratio	Lower	Upper	
172	100		
171	34.4	30.2	45.2
170	22.7	21.0	31.4



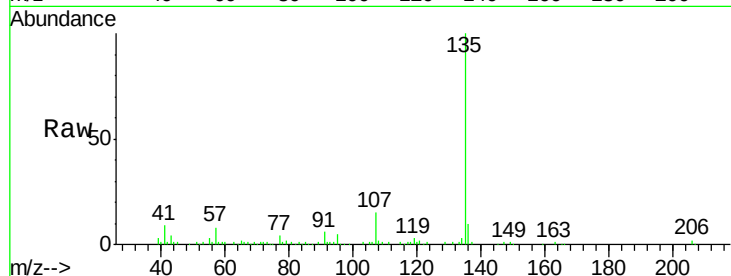
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115212.D
 Acq: 26 Jun 2019 10:41

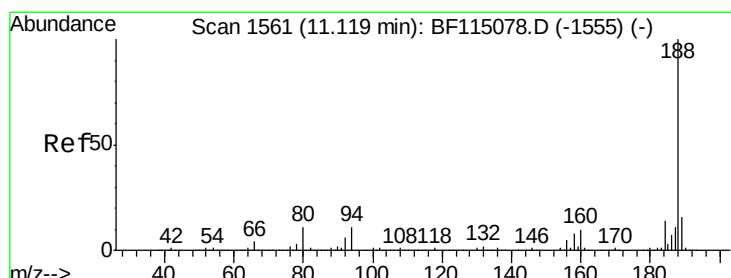
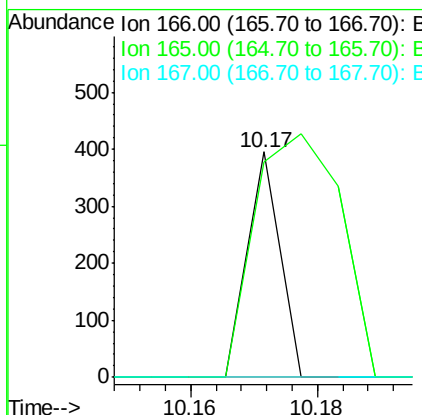
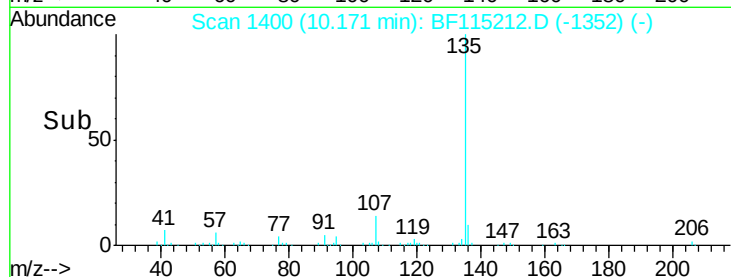
Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-190610DL2



Tgt Ion:166 Resp: 139
 Ion Ratio Lower Upper
 166 100
 165 95.7 78.1 117.1
 167 0.0 11.0 16.4#

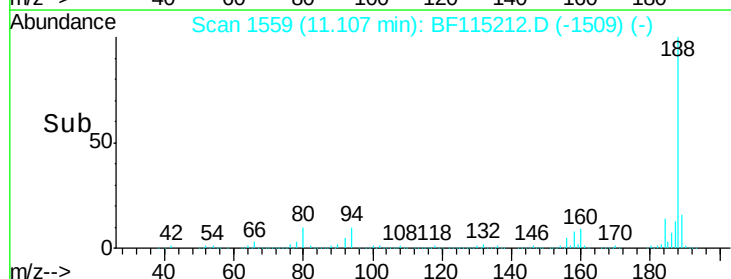
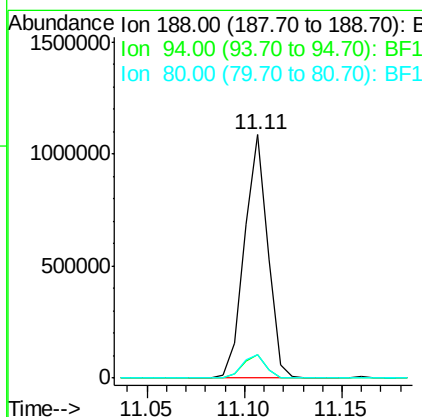
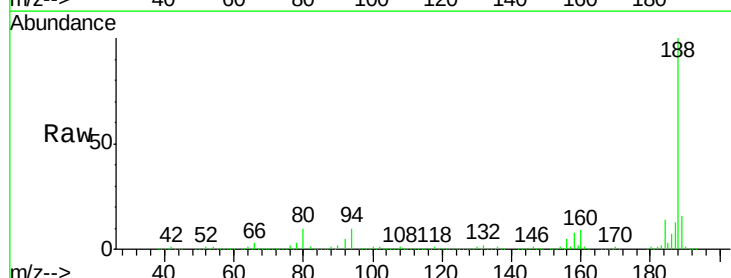
Manual Integrations
 APPROVED

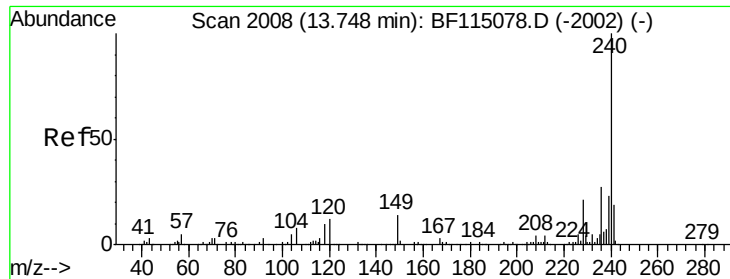
mohammad
 6/27/2019 8:31:41 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF115212.D
 Acq: 26 Jun 2019 10:41

Tgt Ion:188 Resp: 897944
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.5 11.3
 80 9.8 7.8 11.8





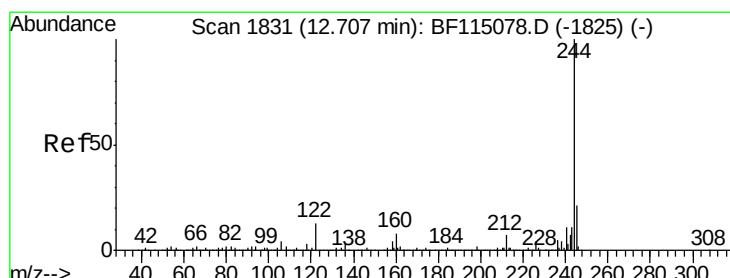
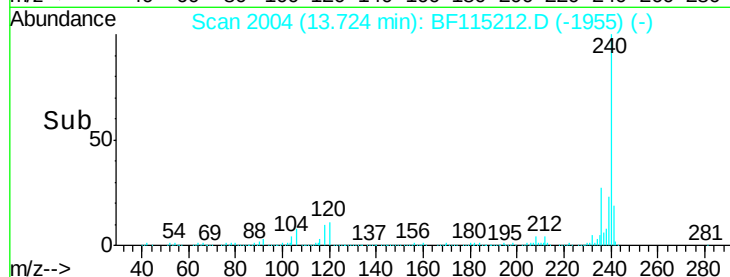
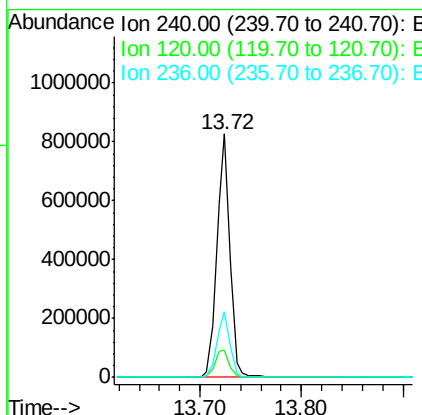
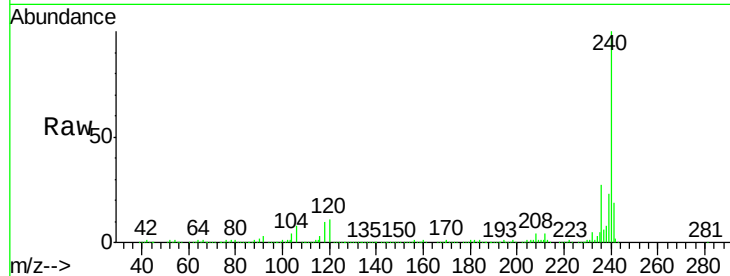
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	27.0	21.8	32.6

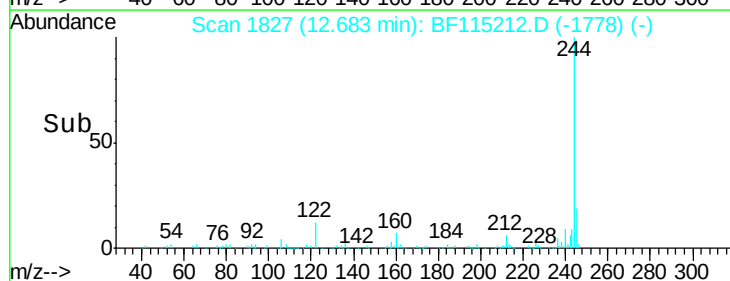
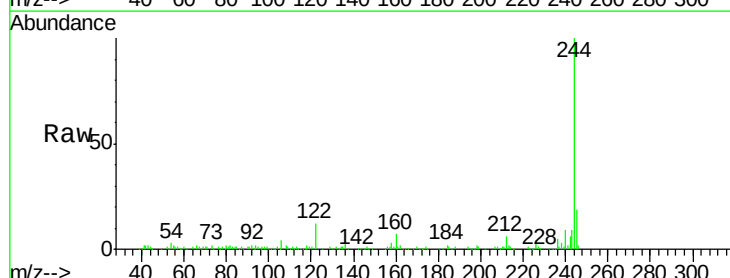
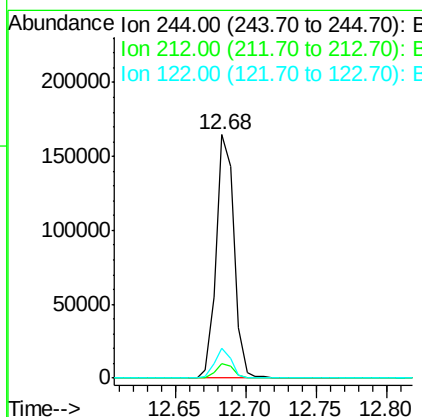
Manual Integrations
APPROVED

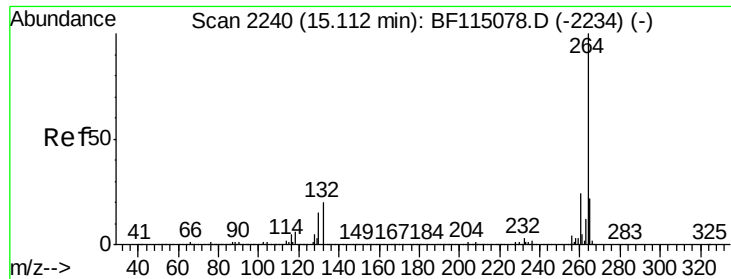
mohammad
6/27/2019 8:31:41 AM



#79
Terphenyl-d14
Concen: 4.194 ng
RT: 12.68 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	12.1	10.0	15.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF115212.D
Acq: 26 Jun 2019 10:41

Instrument :
BNA_F
ClientSampleId :
KY032MW006-190610DL2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	681506		
260	24.0	20.0	30.0	
265	21.6	17.5	26.3	

Manual Integrations
APPROVED

mohammad
6/27/2019 8:31:41 AM

