

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122390.D
 Acq On : 19 Nov 2020 20:10
 Operator : JU/CG
 Sample : L4779-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1605-1607

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:54:25 AM

Quant Time: Nov 20 00:03:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-6.87
21) Naphthalene-d8	8.192	136	8224	20.00	ng	# 0.04
39) Acenaphthene-d10	9.981	164	3263	20.00	ng	# 0.07
64) Phenanthrene-d10	11.463	188	4328	20.00	ng	# 0.07
76) Chrysene-d12	14.133	240	284	20.00	ng	# 0.10
86) Perylene-d12	15.692	264	530	20.00	ng	# 0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1682469	0.00	ng	0.00
7) Phenol-d6	6.498	99	2071566	0.00	ng	0.00
23) Nitrobenzene-d5	7.428	82	1481706	11029.87	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	645530	18432.57	ng	0.02
45) 2-Fluorobiphenyl	9.234	172	2614821	12520.77	ng	0.00
79) Terphenyl-d14	12.998	244	2311352	172415.75	ng	0.02
Target Compounds						Qvalue
22) Acetophenone	7.269	105	11260	52.56	ng	# 4
24) Nitrobenzene	7.475	77	2568	16.71	ng	# 30
25) Isophorone	7.698	82	81499	272.13	ng	# 71
28) bis(2-Chloroethoxy)met...	7.898	93	8800m	48.04	ng	
32) Benzoic acid	7.963	122	42808	464.61	ng	# 81
46) 1,1'-Biphenyl	9.334	154	41476	159.69	ng	95
50) Dimethylphthalate	9.704	163	16716	72.07	ng	# 22
52) Acenaphthene	10.022	154	12454	63.51	ng	# 56
55) Dibenzofuran	10.116	168	10988m	38.24	ng	
84) Bis(2-ethylhexyl)phtha...	14.021	149	133642	13891.80	ng	94

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

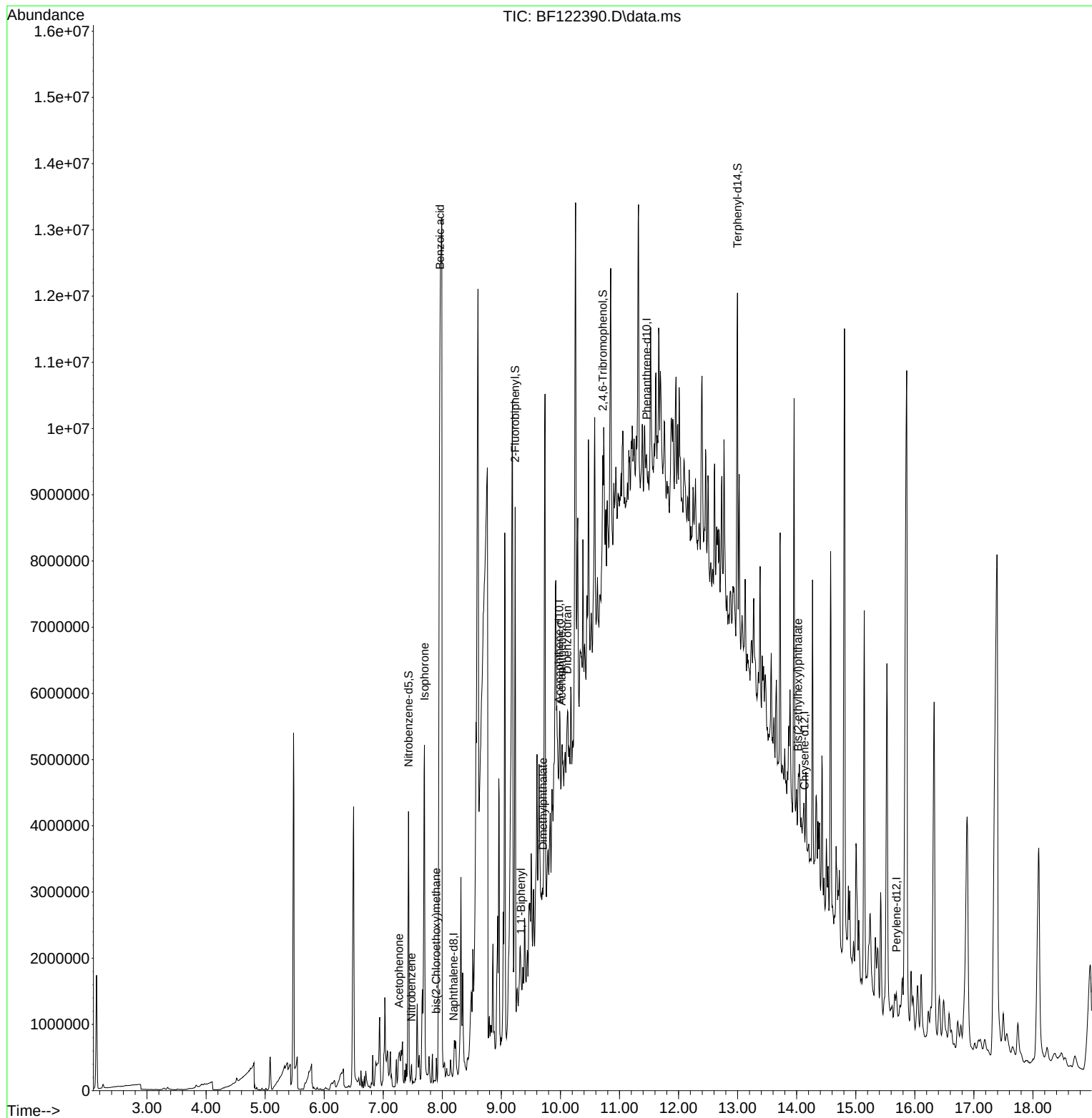
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122390.D
Acq On : 19 Nov 2020 20:10
Operator : JU/CG
Sample : L4779-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

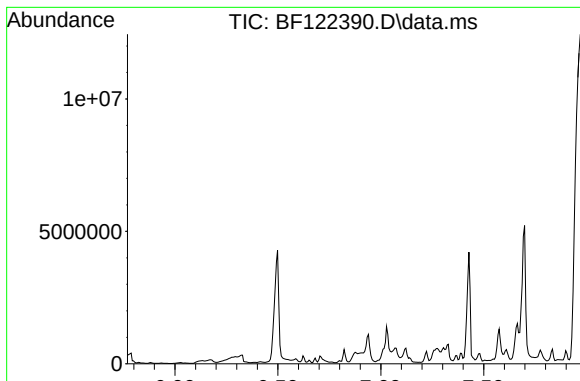
Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

Manual Integrations
APPROVED

mohammad
11/24/2020 8:54:25 AM

Quant Time: Nov 20 00:03:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration





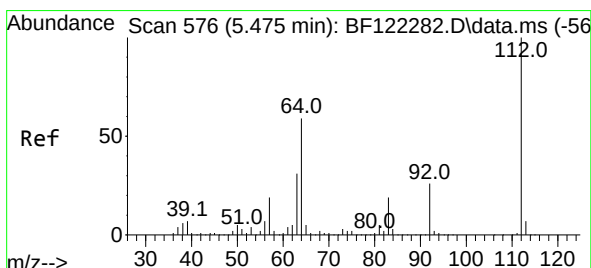
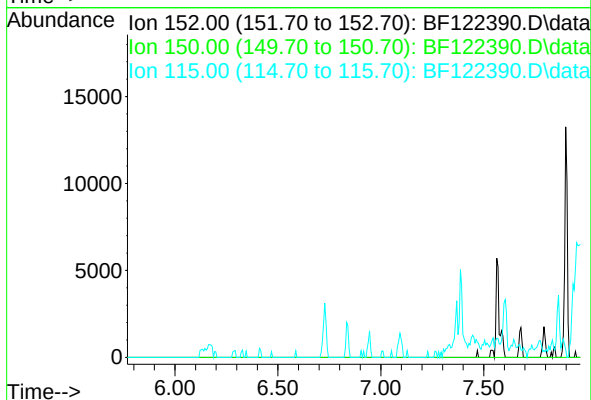
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.87 min
 Lab File: BF122390.D
 Acq: 19 Nov 2020 20:10

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 156.6
 115 64.9

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1605-1607

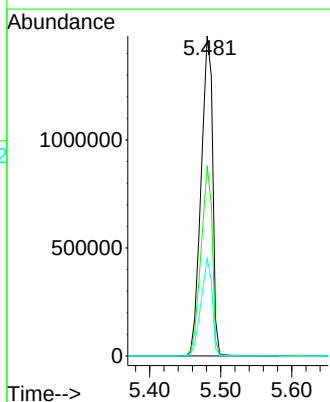
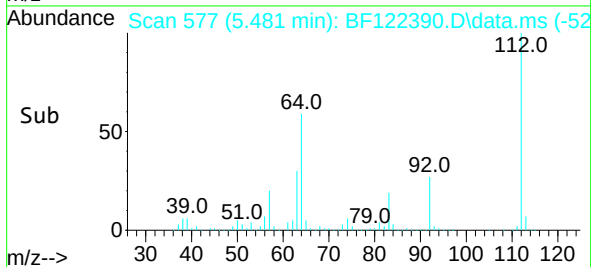
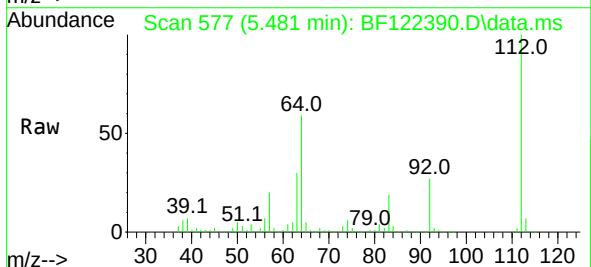
Manual Integrations
 APPROVED

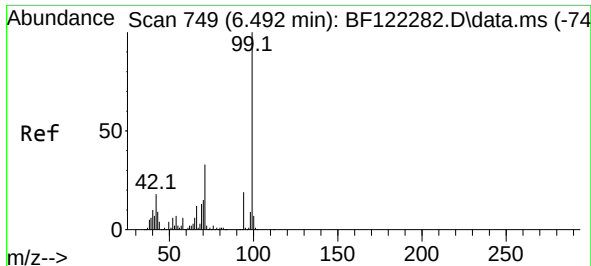
mohammad
 11/24/2020 8:54:25 AM



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: BF122390.D
 Acq: 19 Nov 2020 20:10

Tgt Ion: 112 Resp: 1682469
 Ion Ratio Lower Upper
 112 100
 64 59.5 50.4 75.6
 63 30.5 25.8 38.6





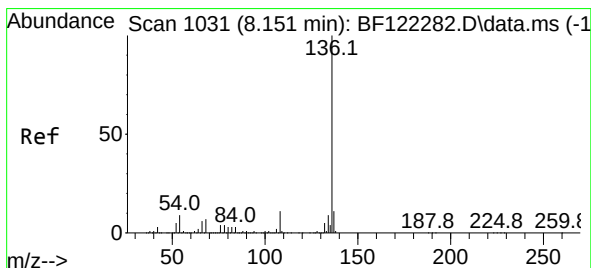
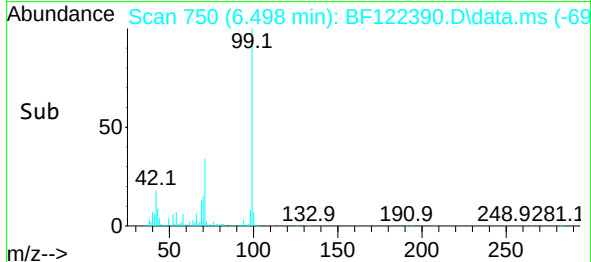
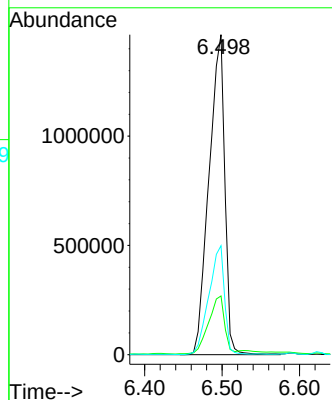
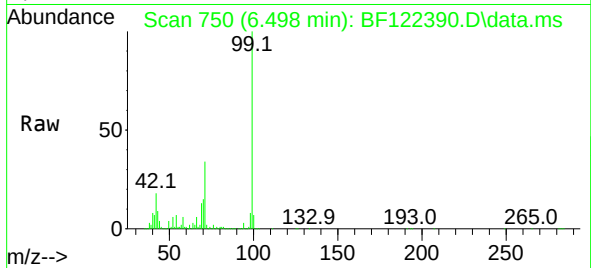
#7
Phenol-d6
Concen: 0.00 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion: 99 Resp: 2071566
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.1 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

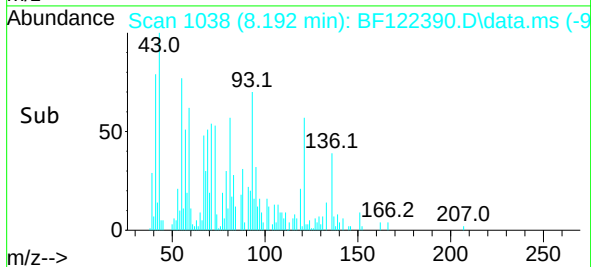
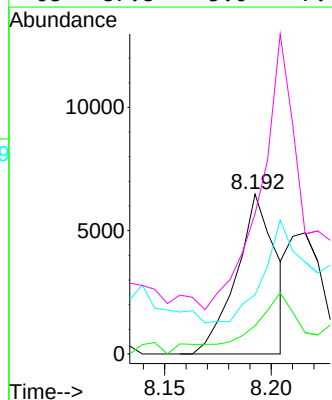
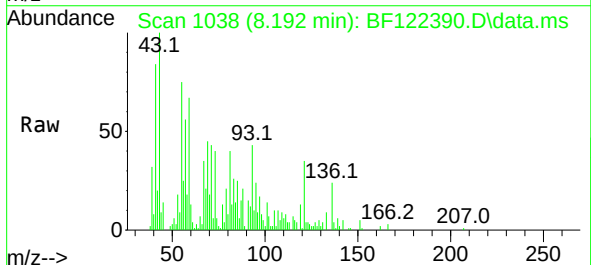
Manual Integrations
APPROVED

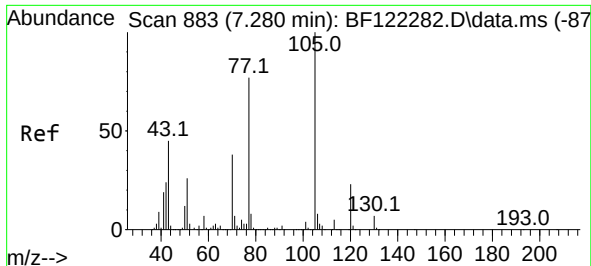
mohammad
11/24/2020 8:54:25 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.041 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

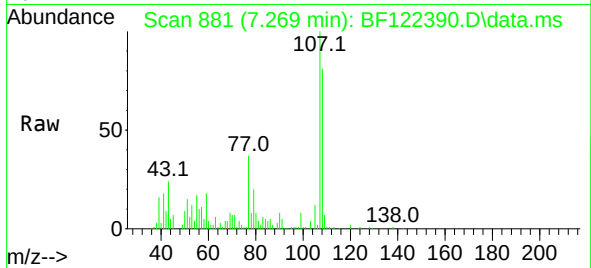
Tgt Ion: 136 Resp: 8224
Ion Ratio Lower Upper
136 100
137 17.8 8.6 13.0#
54 37.1 7.1 10.7#
68 87.8 5.0 7.4#





#22
Acetophenone
Concen: 52.56 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

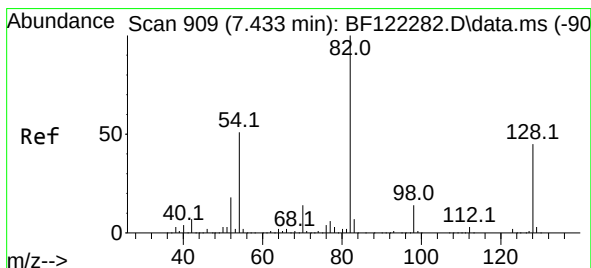
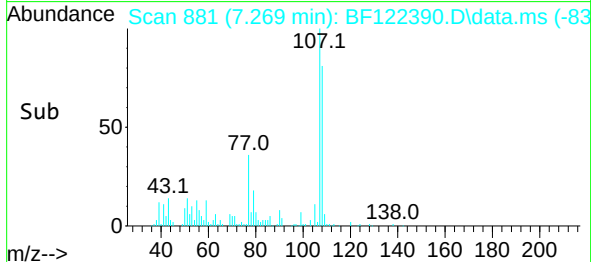
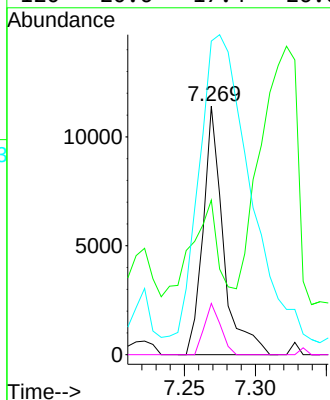
Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607



Tgt Ion:105 Resp: 11260
Ion Ratio Lower Upper
105 100
71 62.2 5.3 7.9#
51 126.3 33.2 49.8#
120 20.6 17.4 26.0

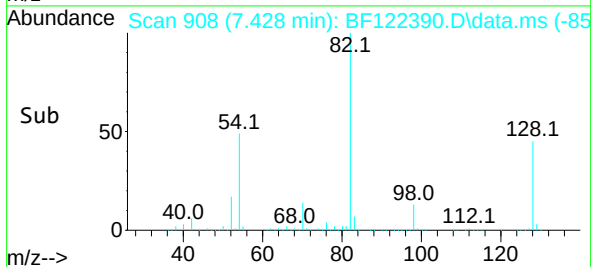
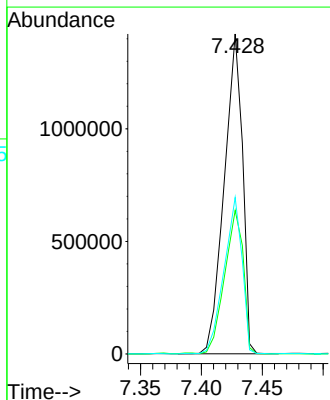
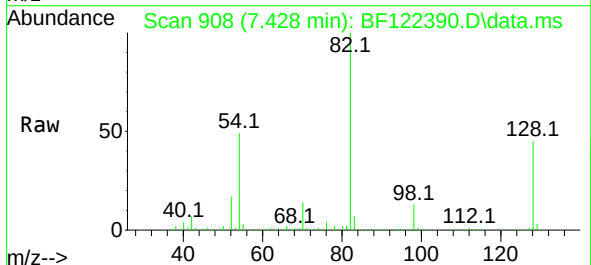
Manual Integrations
APPROVED

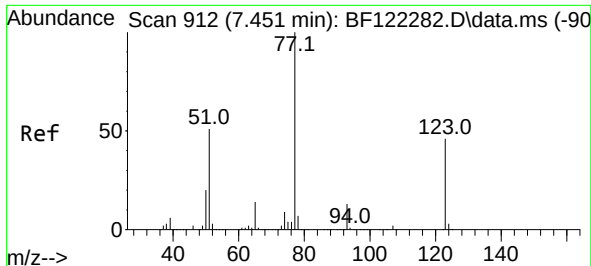
mohammad
11/24/2020 8:54:25 AM



#23
Nitrobenzene-d5
Concen: 11029.87 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion: 82 Resp: 1481706
Ion Ratio Lower Upper
82 100
128 44.8 35.0 52.4
54 48.9 43.9 65.9





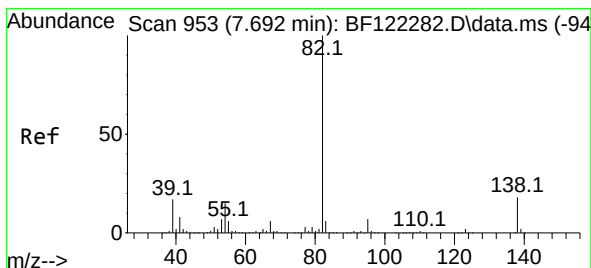
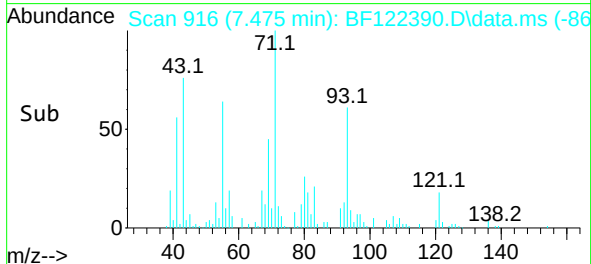
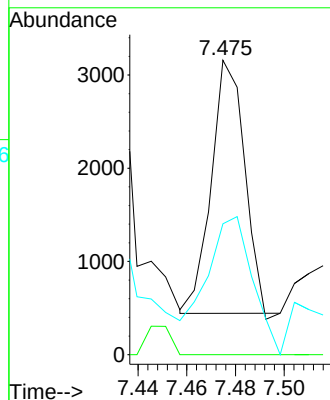
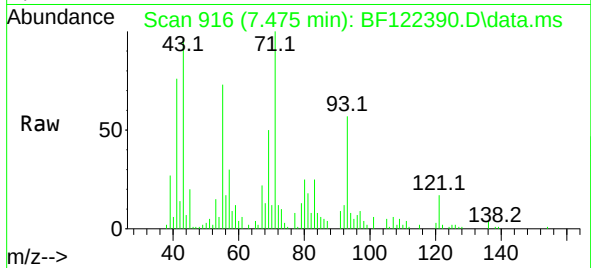
#24
Nitrobenzene
Concen: 16.71 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.024 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion: 77 Resp: 2568
Ion Ratio Lower Upper
77 100
123 0.0 35.6 53.4#
65 44.5 11.2 16.8#

Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

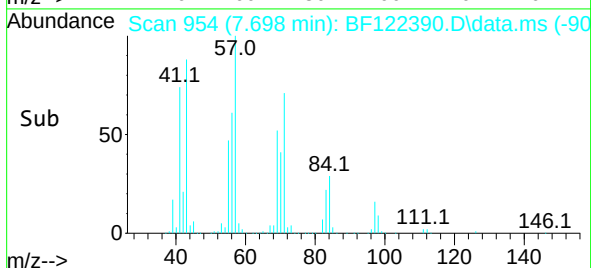
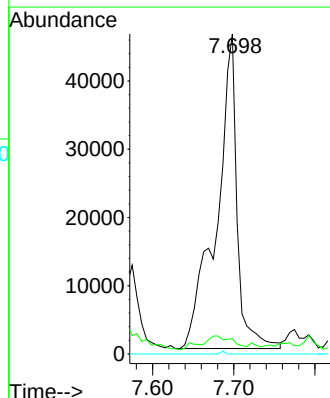
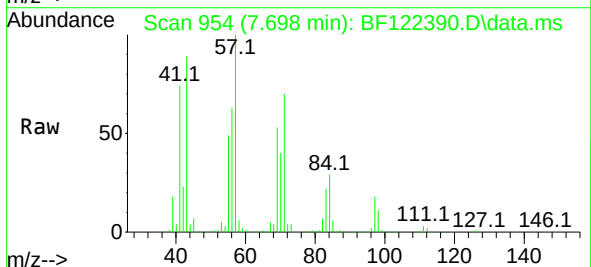
Manual Integrations
APPROVED

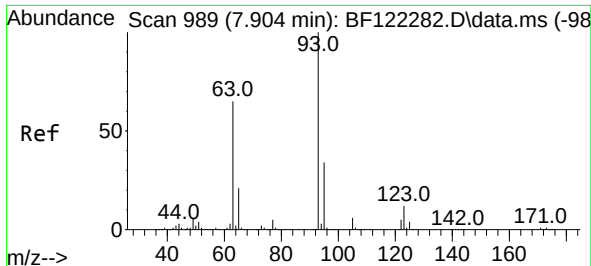
mohammad
11/24/2020 8:54:25 AM



#25
Isophorone
Concen: 272.13 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion: 82 Resp: 81499
Ion Ratio Lower Upper
82 100
95 4.7 5.4 8.0#
138 0.0 13.4 20.0#





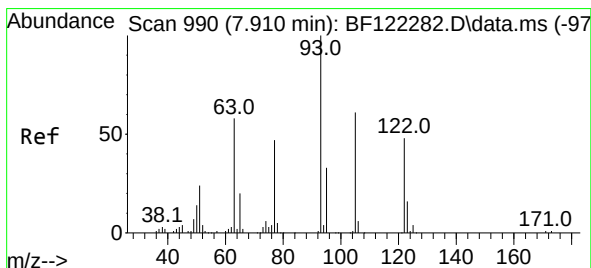
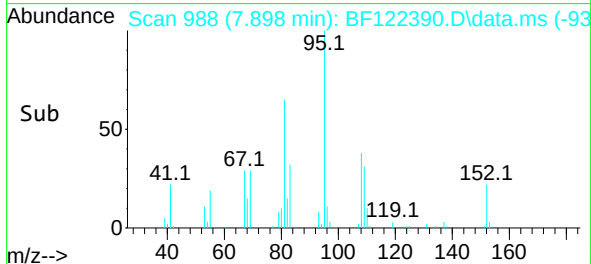
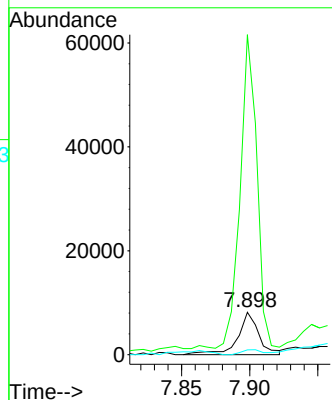
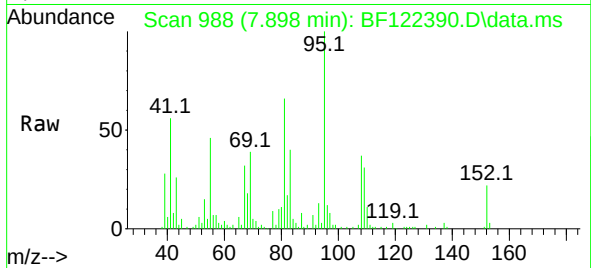
#28
bis(2-Chloroethoxy)methane
Concen: 48.04 ng m
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion: 93 Resp: 8800
Ion Ratio Lower Upper
93 100
95 753.3 26.2 39.4#
123 11.3 8.8 13.2

Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

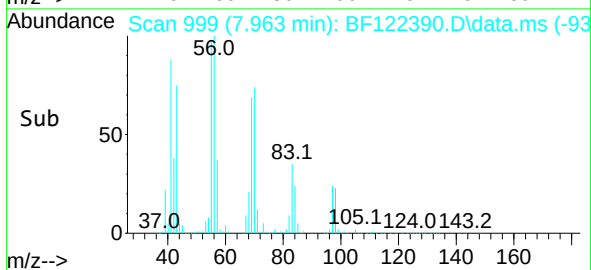
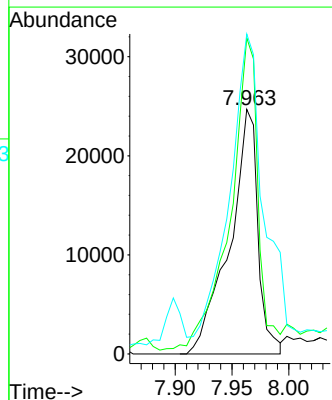
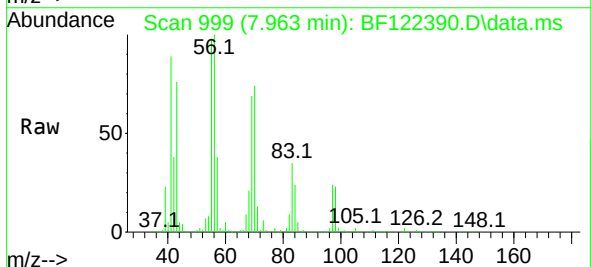
Manual Integrations
APPROVED

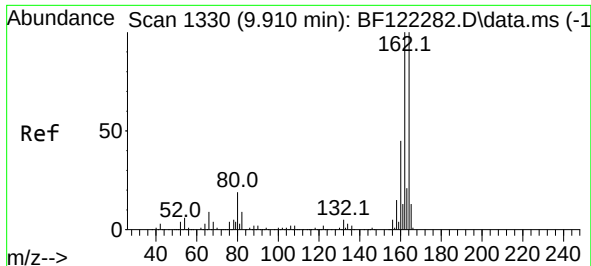
mohammad
11/24/2020 8:54:25 AM



#32
Benzoic acid
Concen: 464.61 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.053 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion:122 Resp: 42808
Ion Ratio Lower Upper
122 100
105 129.2 103.3 143.3
77 130.8 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.071 min

Lab File: BF122390.D

Acq: 19 Nov 2020 20:10

Tgt Ion:164 Resp: 3263

Ion	Ratio	Lower	Upper
164	100		
162	27.8	83.2	124.8#
160	39.4	37.5	56.3

Instrument :

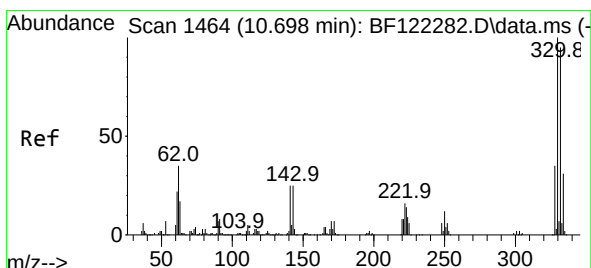
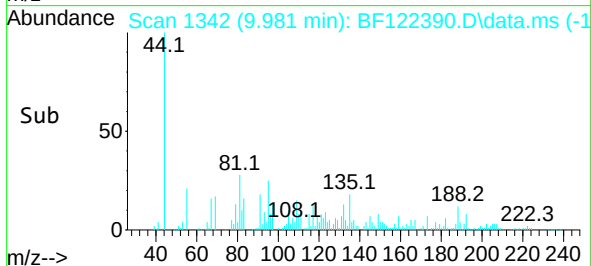
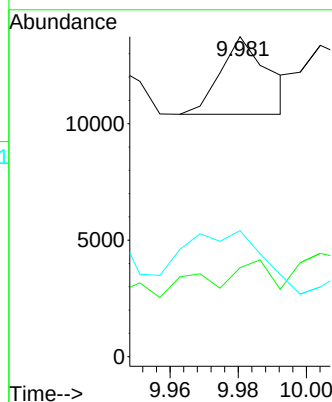
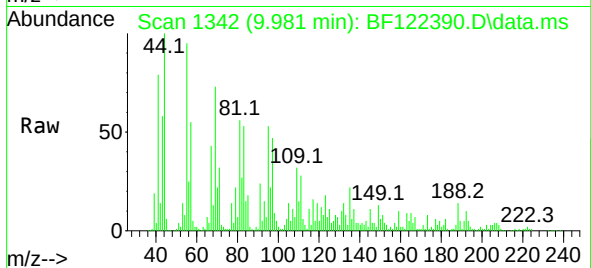
BNA_F

ClientSampleId :

COMP-1605-1607

Manual Integrations
APPROVED

mohammad
11/24/2020 8:54:25 AM



#42

2,4,6-Tribromophenol

Concen: 18432.57 ng

RT: 10.716 min Scan# 1467

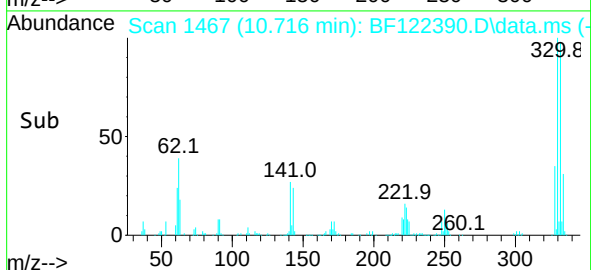
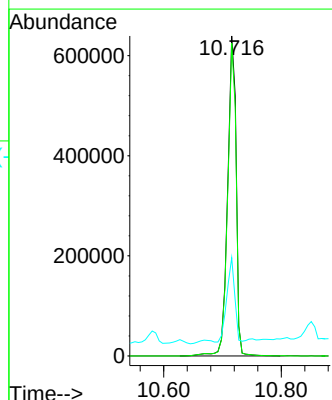
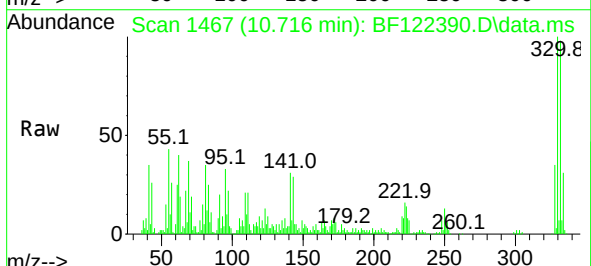
Delta R.T. 0.018 min

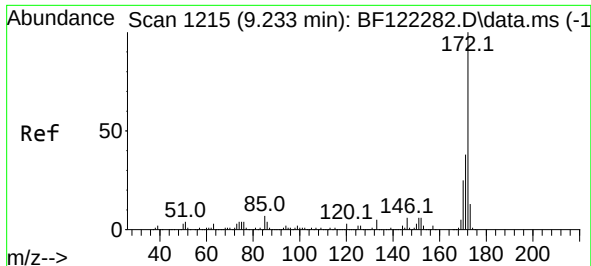
Lab File: BF122390.D

Acq: 19 Nov 2020 20:10

Tgt Ion:330 Resp: 645530

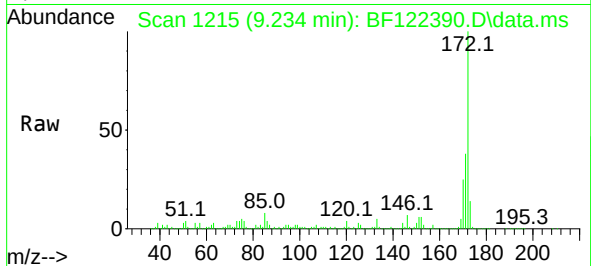
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	24.2	22.3	33.5





#45
2-Fluorobiphenyl
Concen: 12520.77 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

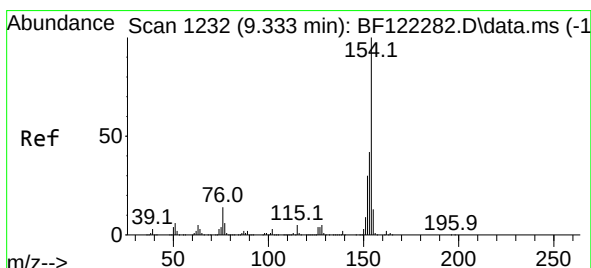
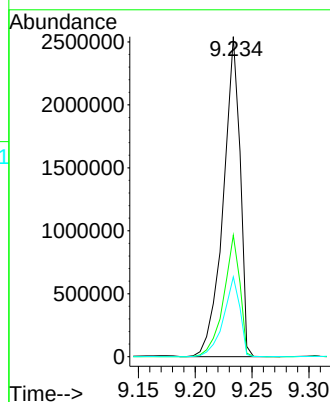
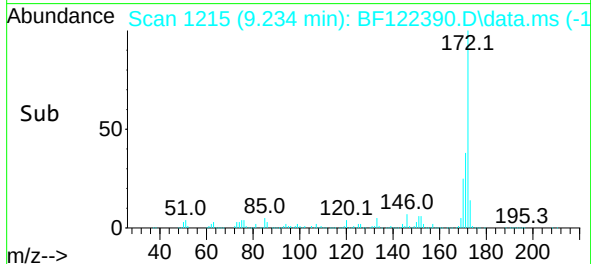
Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607



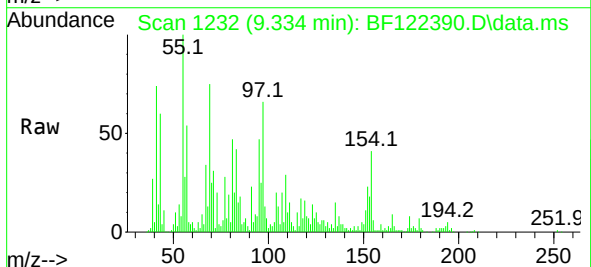
Tgt Ion:172 Resp: 2614821
Ion Ratio Lower Upper
172 100
171 38.0 29.1 43.7
170 24.9 19.8 29.6

Manual Integrations
APPROVED

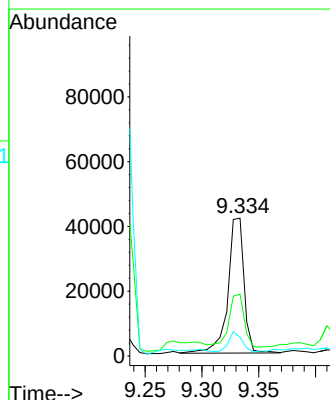
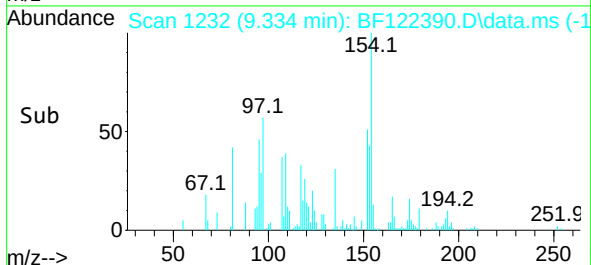
mohammad
11/24/2020 8:54:25 AM

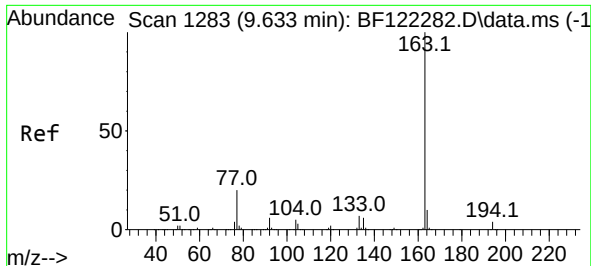


#46
1,1'-Biphenyl
Concen: 159.69 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10



Tgt Ion:154 Resp: 41476
Ion Ratio Lower Upper
154 100
153 44.8 21.3 61.3
76 13.6 0.0 34.7





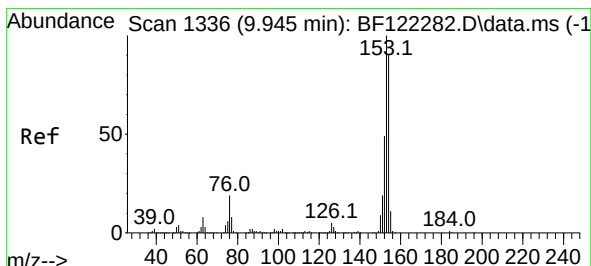
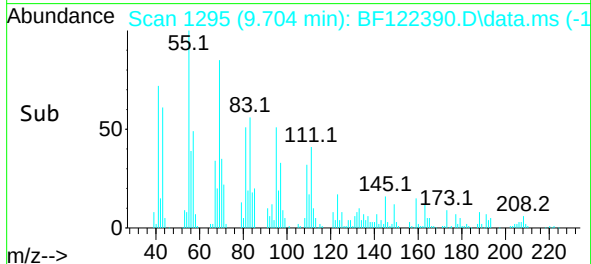
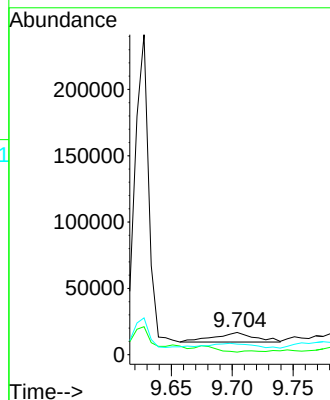
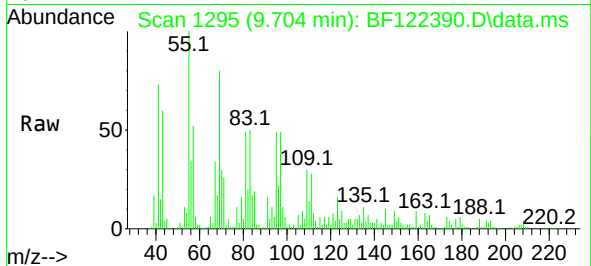
#50
Dimethylphthalate
Concen: 72.07 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.071 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion:163 Resp: 16716
Ion Ratio Lower Upper
163 100
194 11.9 3.3 4.9#
164 47.7 8.2 12.4#

Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

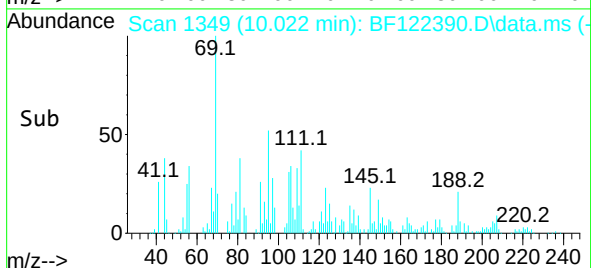
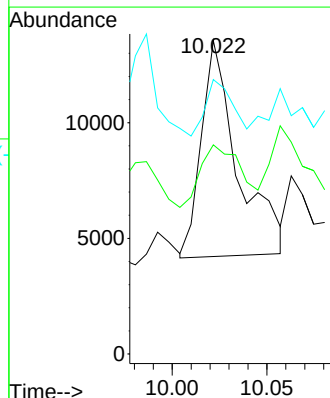
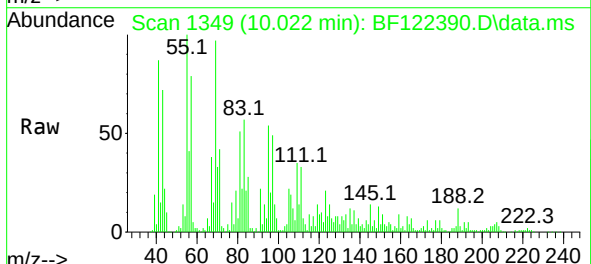
Manual Integrations
APPROVED

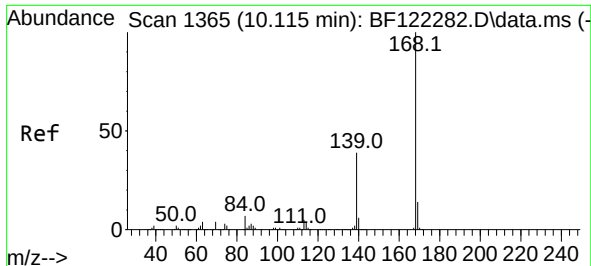
mohammad
11/24/2020 8:54:25 AM



#52
Acenaphthene
Concen: 63.51 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.077 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion:154 Resp: 12454
Ion Ratio Lower Upper
154 100
153 66.8 89.8 134.8#
152 87.6 43.2 64.8#





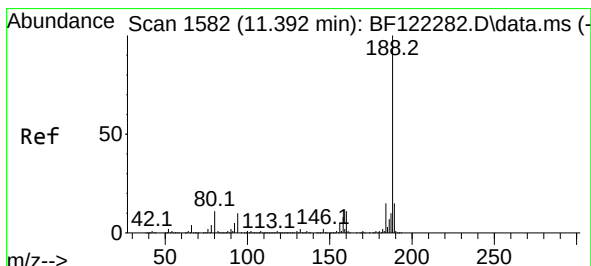
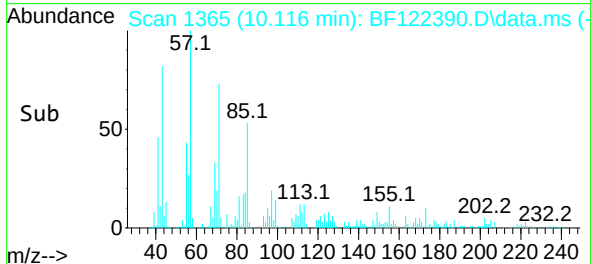
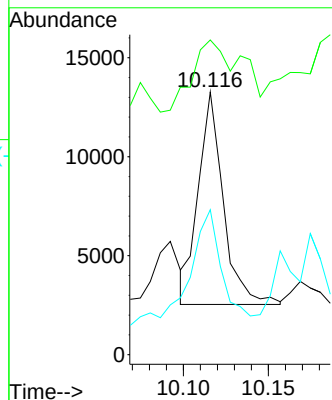
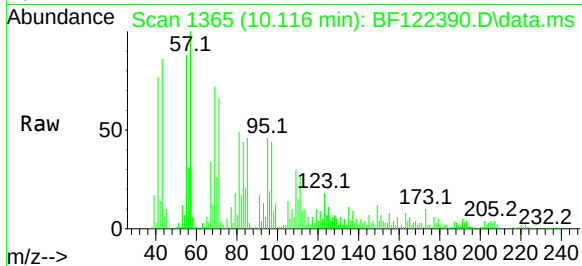
#55
Dibenzofuran
Concen: 38.24 ng m
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

Tgt Ion:168 Resp: 10988
Ion Ratio Lower Upper
168 100
139 119.8 31.0 46.6#
169 55.2 11.3 16.9#

Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607

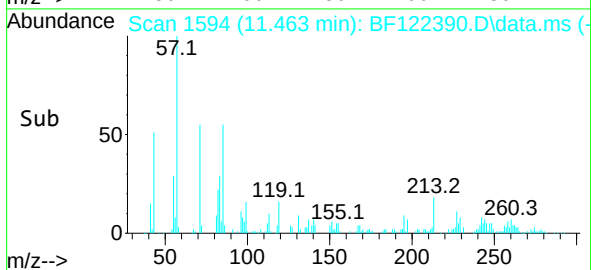
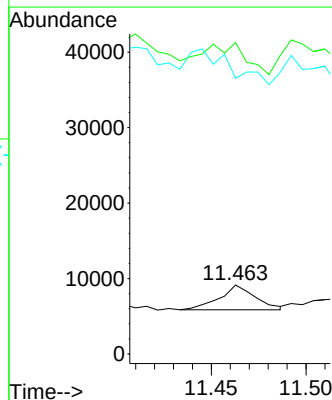
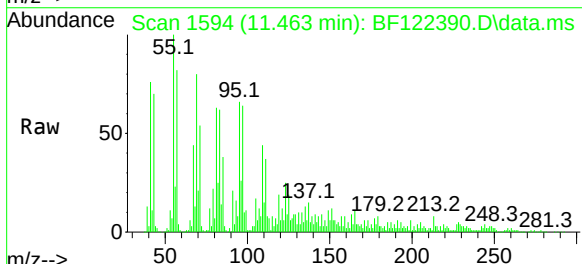
Manual Integrations
APPROVED

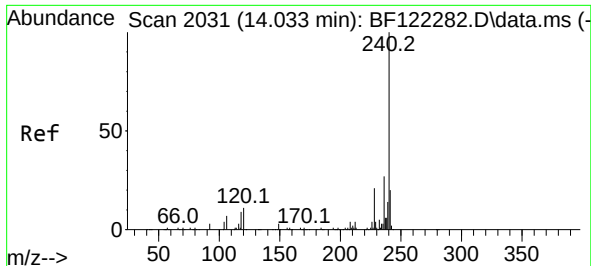
mohammad
11/24/2020 8:54:25 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.071 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

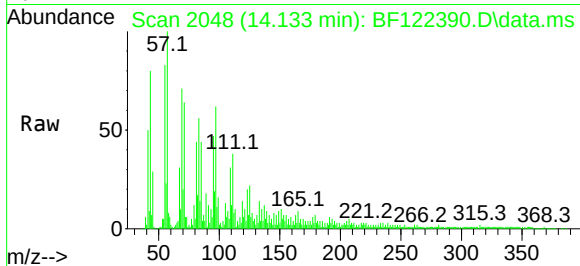
Tgt Ion:188 Resp: 4328
Ion Ratio Lower Upper
188 100
94 451.9 8.3 12.5#
80 400.0 9.1 13.7#





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.100 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

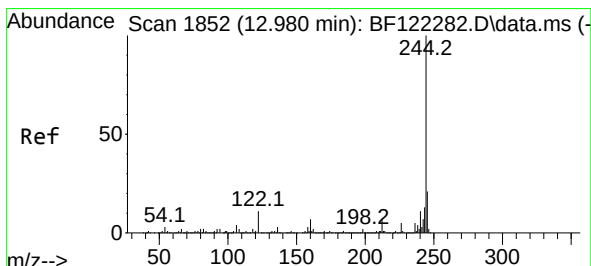
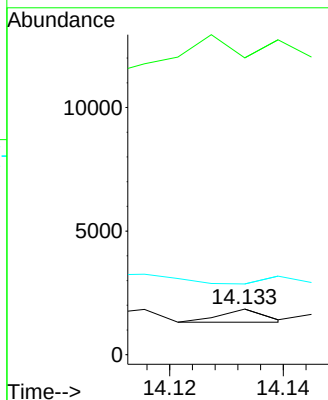
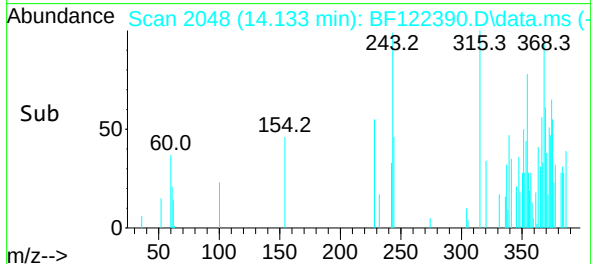
Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607



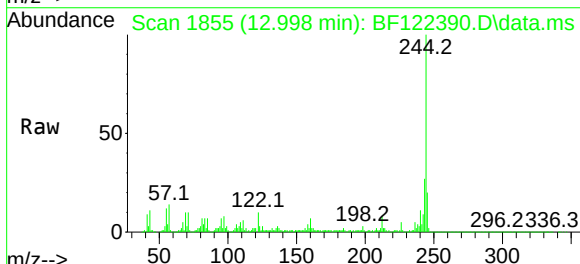
Tgt Ion:240 Resp: 284
Ion Ratio Lower Upper
240 100
120 649.9 9.2 13.8#
236 154.9 20.9 31.3#

Manual Integrations
APPROVED

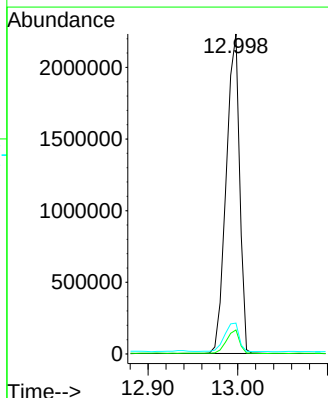
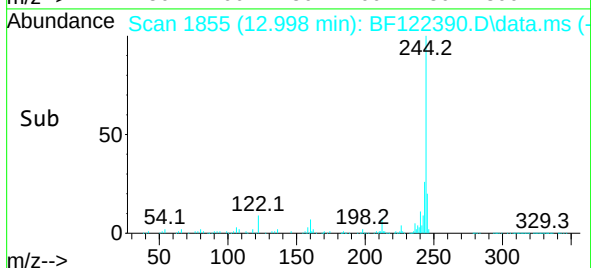
mohammad
11/24/2020 8:54:25 AM

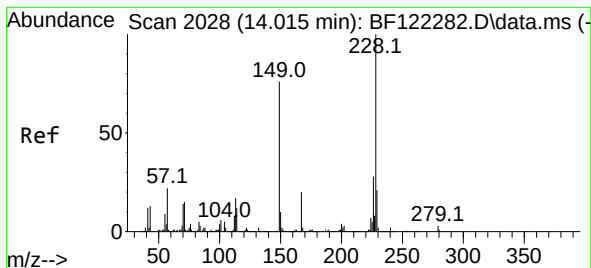


#79
Terphenyl-d14
Concen: 172415.75 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.018 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10



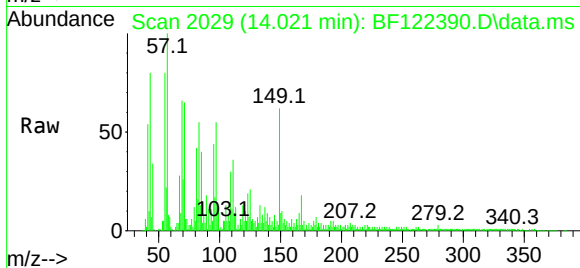
Tgt Ion:244 Resp: 2311352
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 9.7 8.1 12.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 13891.80 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10

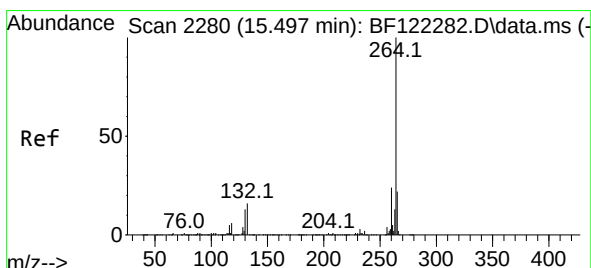
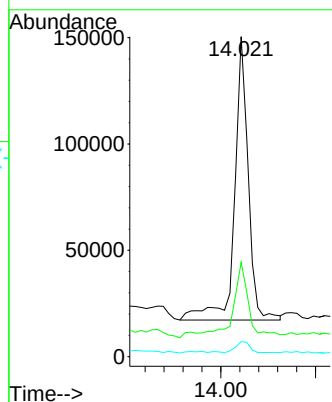
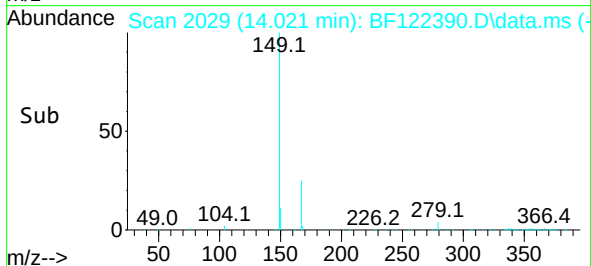
Instrument :
BNA_F
ClientSampleId :
COMP-1605-1607



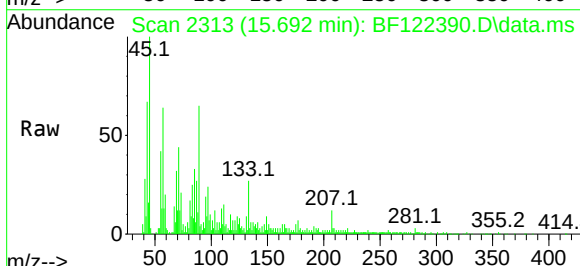
Tgt Ion:149 Resp: 133642
Ion Ratio Lower Upper
149 100
167 29.5 20.9 31.3
279 4.7 3.2 4.8

Manual Integrations
APPROVED

mohammad
11/24/2020 8:54:25 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.692 min Scan# 2313
Delta R.T. 0.194 min
Lab File: BF122390.D
Acq: 19 Nov 2020 20:10



Tgt Ion:264 Resp: 530
Ion Ratio Lower Upper
264 100
260 41.9 18.7 28.1#
265 104.6 17.3 25.9#

