

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122389.D
 Acq On : 19 Nov 2020 19:39
 Operator : JU/CG
 Sample : L4779-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1623

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:54:22 AM

Quant Time: Nov 20 00:03:37 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	8.181	136	32542m	20.00	ng	0.03
39) Acenaphthene-d10	9.945	164	2687	20.00	ng	# 0.04
64) Phenanthrene-d10	11.445	188	1892	20.00	ng	# 0.05
76) Chrysene-d12	14.110	240	717	20.00	ng	# 0.08
86) Perylene-d12	0.000	264	0m	20.00	ng	-15.50
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1303805	0.00	ng	0.00
7) Phenol-d6	6.487	99	1232797	0.00	ng	0.00
23) Nitrobenzene-d5	7.428	82	1407538	2647.93	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	801932	27807.15	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2554950	14856.66	ng	0.00
79) Terphenyl-d14	12.980	244	3111360	91930.64	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.269	105	10371	12.24	ng	# 1
25) Isophorone	7.698	82	64606	54.52	ng	# 72
27) 2,4-Dimethylphenol	7.804	122	9271	16.59	ng	82
28) bis(2-Chloroethoxy)met...	7.898	93	47758	65.89	ng	# 1
32) Benzoic acid	8.028	122	90323m	251.46	ng	
46) 1,1'-Biphenyl	9.328	154	5820	27.21	ng	95
49) Acenaphthylene	9.822	152	1062	4.07	ng	# 33
50) Dimethylphthalate	9.622	163	331173	1733.94	ng	99
70) Pentachlorophenol	11.198	266	3161	228.40	ng	# 88
78) Pyrene	12.827	202	2433m	48.30	ng	

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

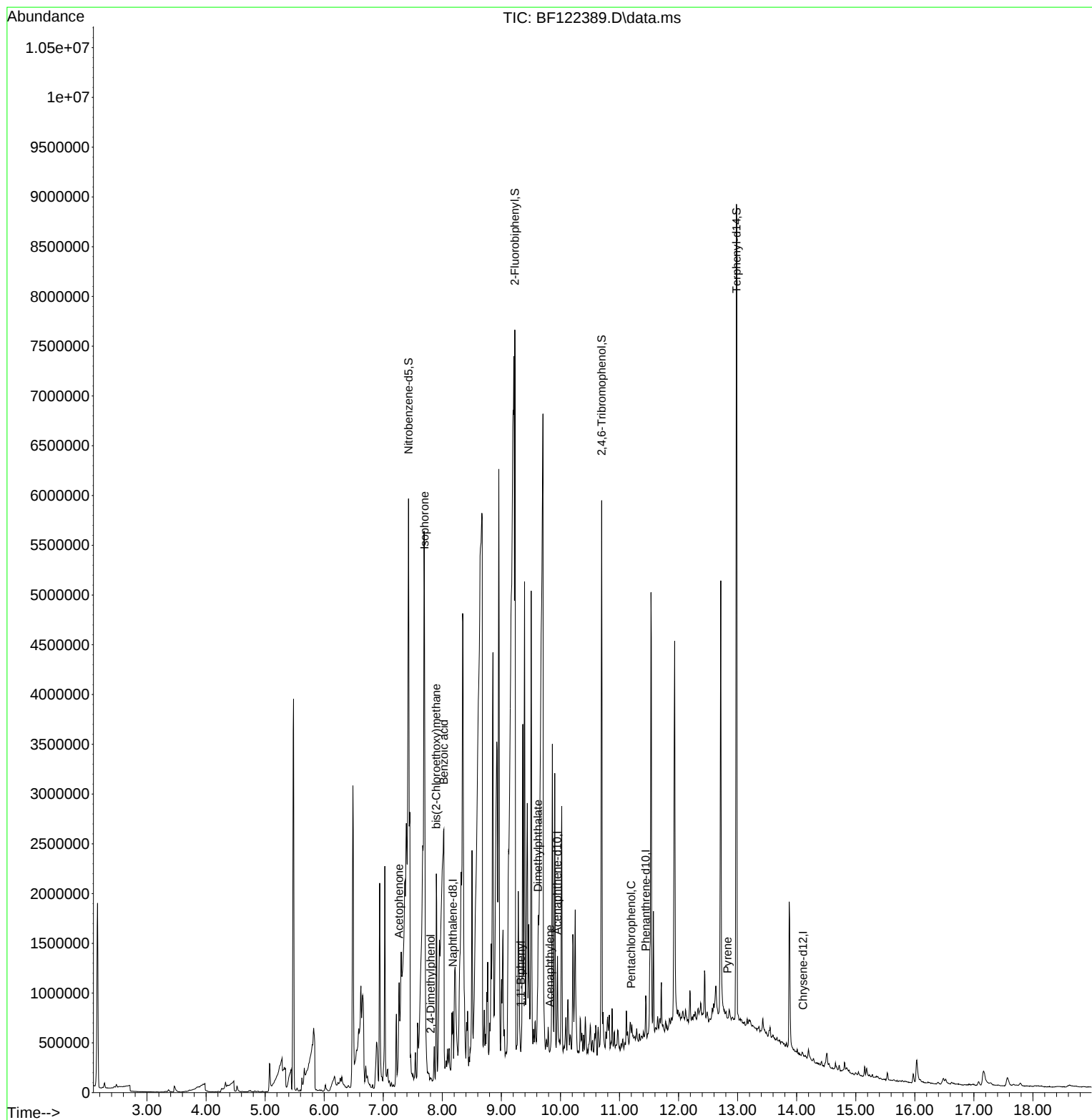
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122389.D
Acq On : 19 Nov 2020 19:39
Operator : JU/CG
Sample : L4779-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

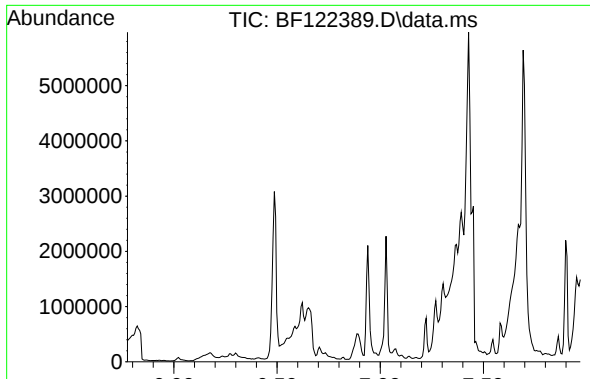
Instrument :
BNA_F
ClientSampleId :
1623

Manual Integrations
APPROVED

mohammad
11/24/2020 8:54:22 AM

Quant Time: Nov 20 00:03:37 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





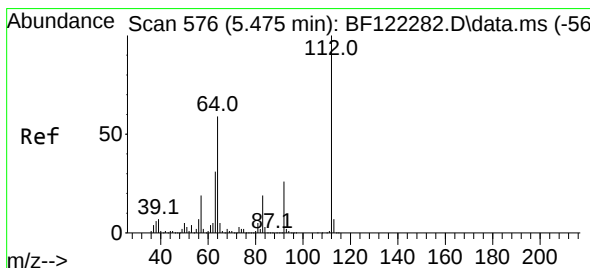
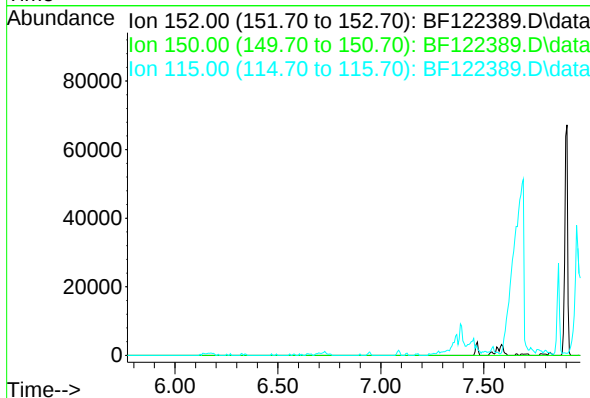
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.87 min
 Lab File: BF122389.D
 Acq: 19 Nov 2020 19:39

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

Instrument :
 BNA_F
 ClientSampleId :
 1623

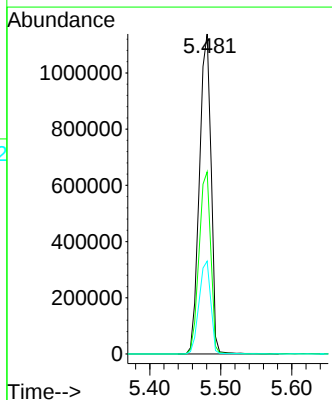
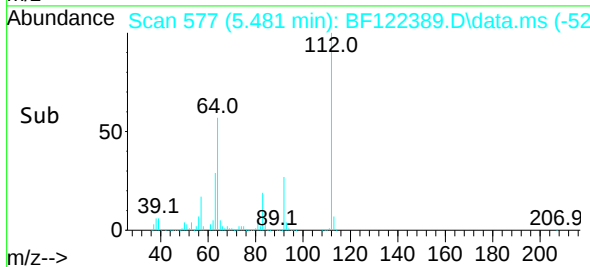
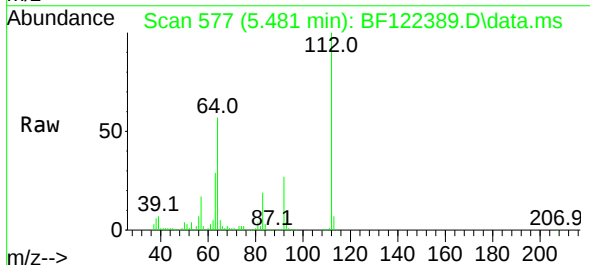
Manual Integrations
 APPROVED

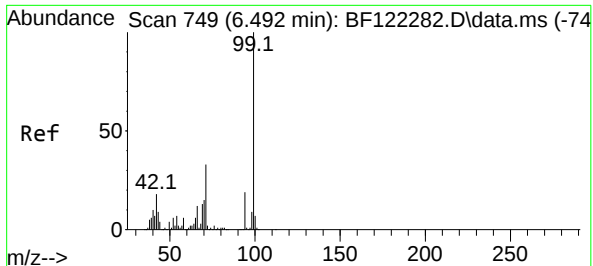
mohammad
 11/24/2020 8:54:22 AM



#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: BF122389.D
 Acq: 19 Nov 2020 19:39

Tgt Ion: 112 Resp: 1303805
 Ion Ratio Lower Upper
 112 100
 64 56.9 50.4 75.6
 63 29.0 25.8 38.6





#7
Phenol-d6
Concen: 0.00 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

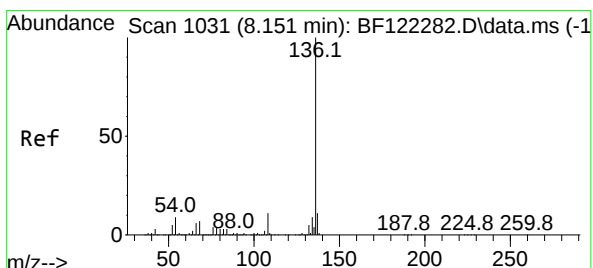
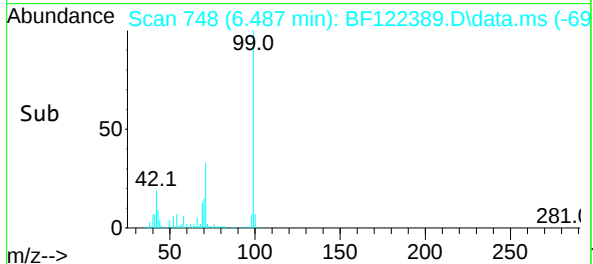
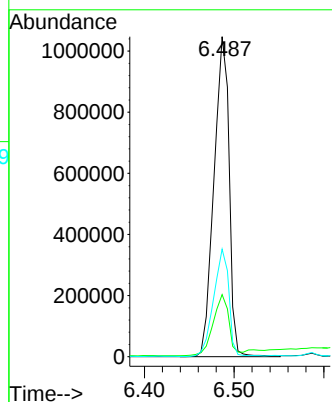
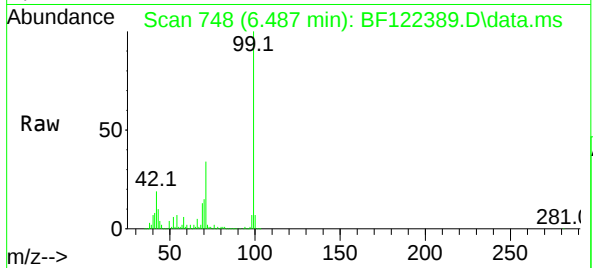
Tgt Ion: 99 Resp: 1232797

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	33.6	27.1	40.7

Instrument :
BNA_F
ClientSampled :
1623

Manual Integrations
APPROVED

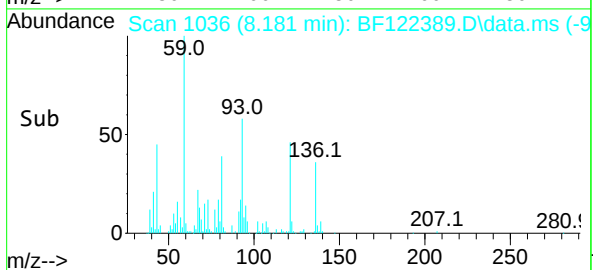
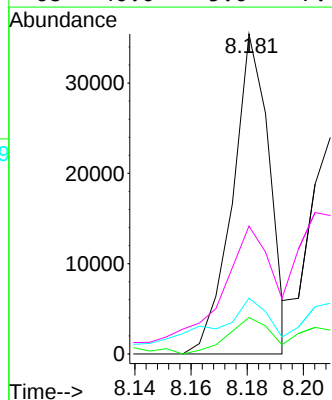
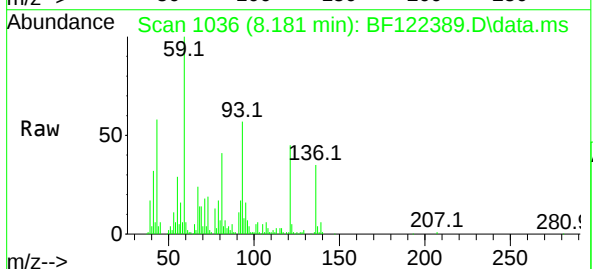
mohammad
11/24/2020 8:54:22 AM

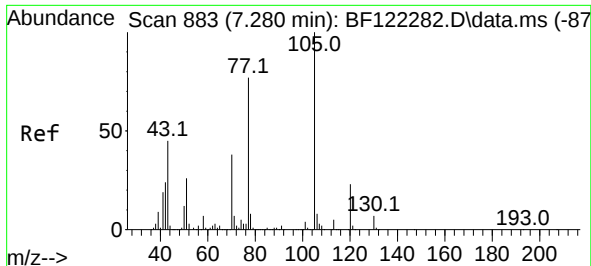


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 8.181 min Scan# 1036
Delta R.T. 0.030 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

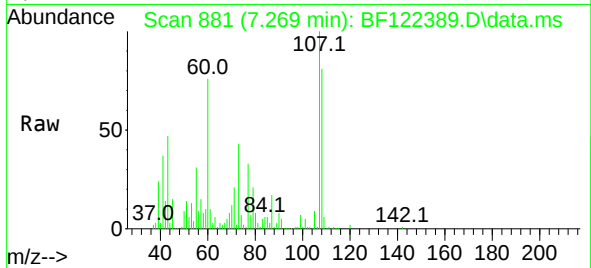
Tgt Ion: 136 Resp: 32542

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	17.5	7.1	10.7#
68	40.0	5.0	7.4#

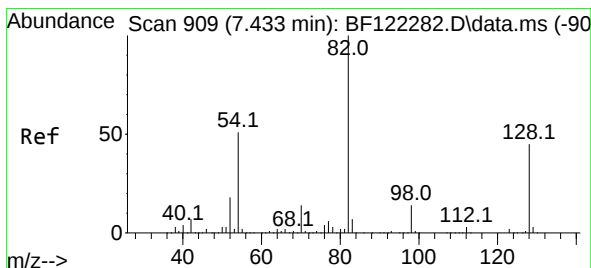
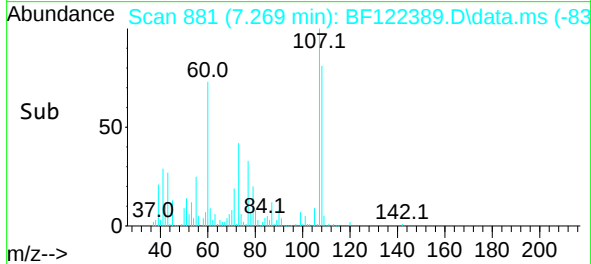
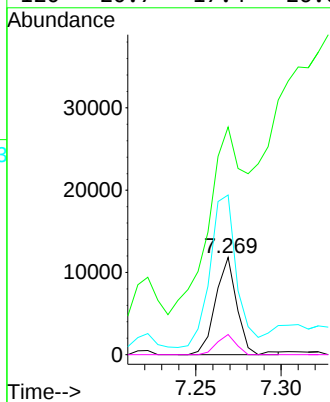




#22
Acetophenone
Concen: 12.24 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

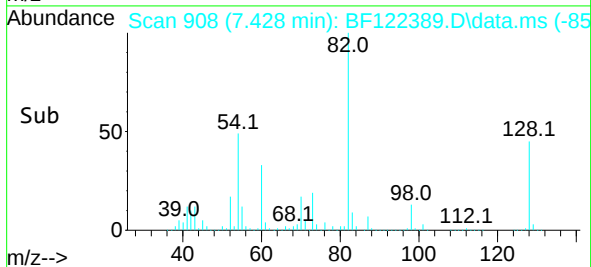
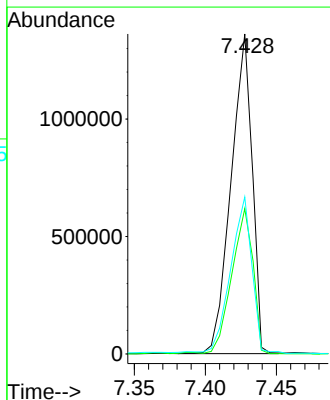
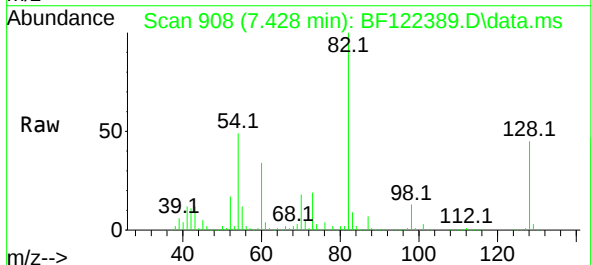


Tgt Ion: 105 Resp: 10371
Ion Ratio Lower Upper
105 100
71 234.1 5.3 7.9#
51 164.3 33.2 49.8#
120 20.7 17.4 26.0



#23
Nitrobenzene-d5
Concen: 2647.93 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

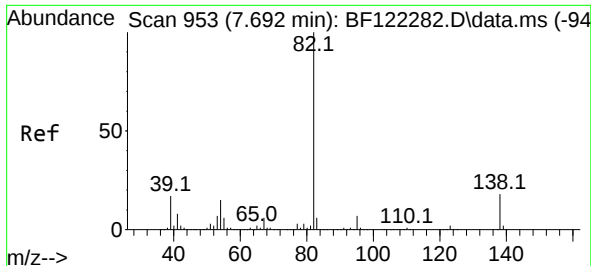
Tgt Ion: 82 Resp: 1407538
Ion Ratio Lower Upper
82 100
128 45.4 35.0 52.4
54 49.0 43.9 65.9



Instrument :
BNA_F
ClientSampleId :
1623

Manual Integrations
APPROVED

mohammad
11/24/2020 8:54:22 AM



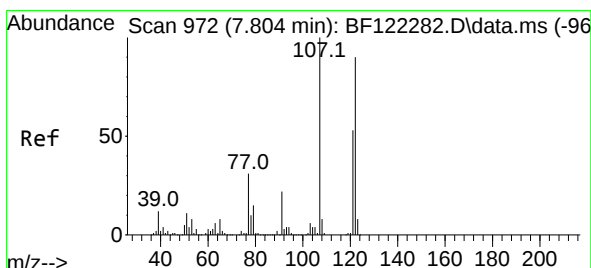
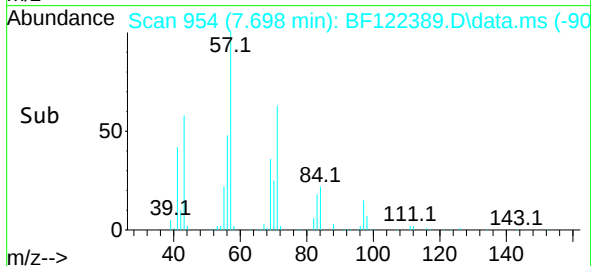
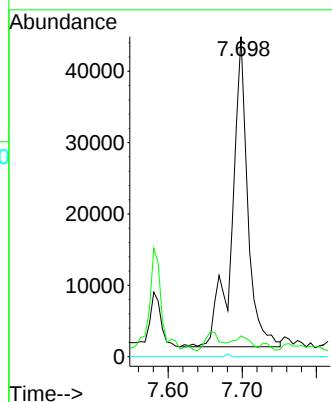
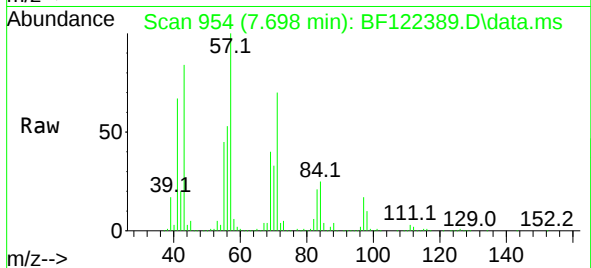
#25
Isophorone
Concen: 54.52 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Tgt Ion: 82 Resp: 64606
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 0.0 13.4 20.0#

Instrument :
BNA_F
ClientSampled :
1623

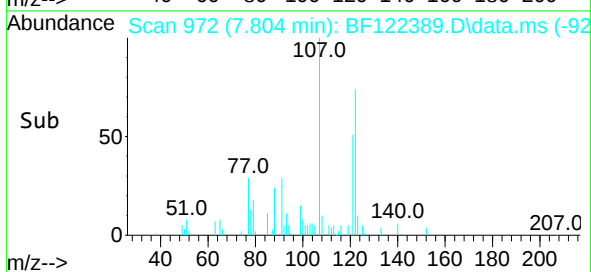
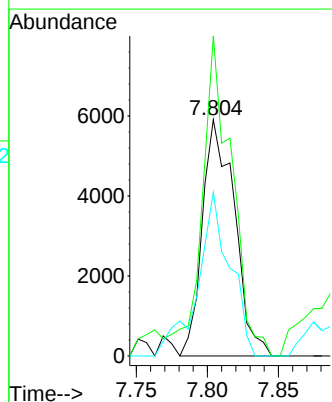
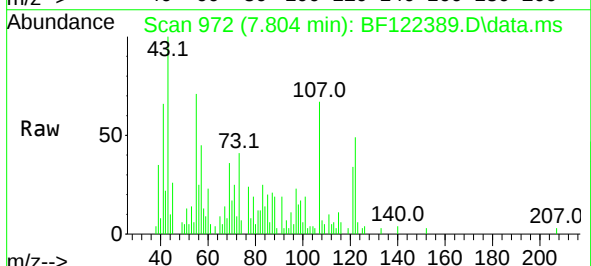
Manual Integrations
APPROVED

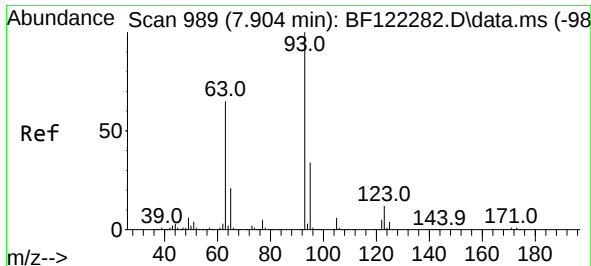
mohammad
11/24/2020 8:54:22 AM



#27
2,4-Dimethylphenol
Concen: 16.59 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Tgt Ion:122 Resp: 9271
Ion Ratio Lower Upper
122 100
107 135.4 90.8 136.2
121 69.2 47.5 71.3





#28

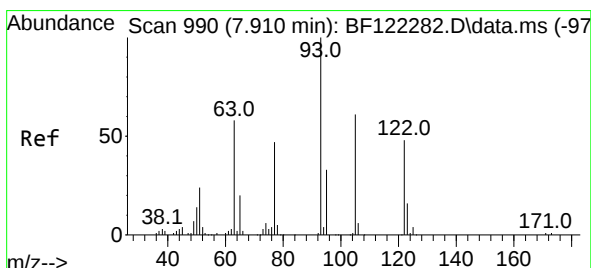
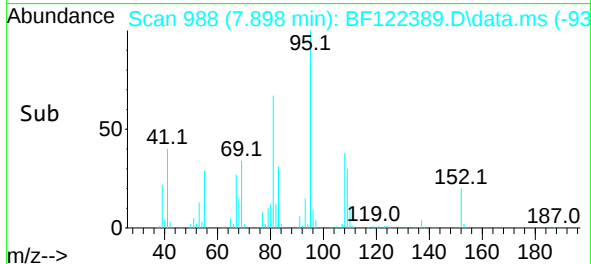
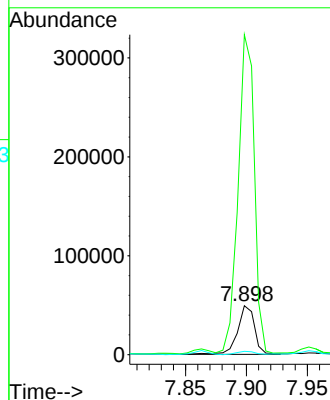
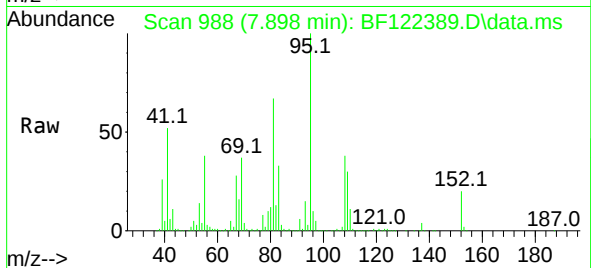
bis(2-Chloroethoxy)methane
Concen: 65.89 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Instrument :
BNA_F
ClientSampled :
1623

Tgt Ion: 93 Resp: 47758
Ion Ratio Lower Upper
93 100
95 652.6 26.2 39.4#
123 6.8 8.8 13.2#

Manual Integrations
APPROVED

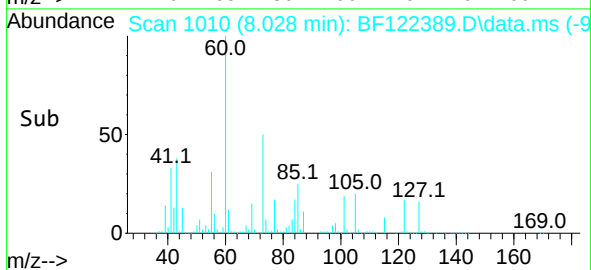
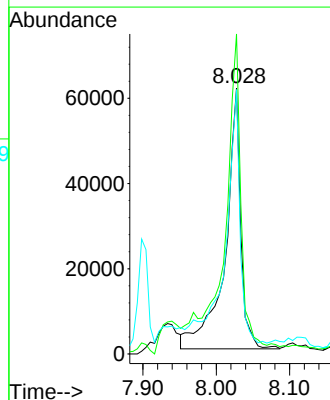
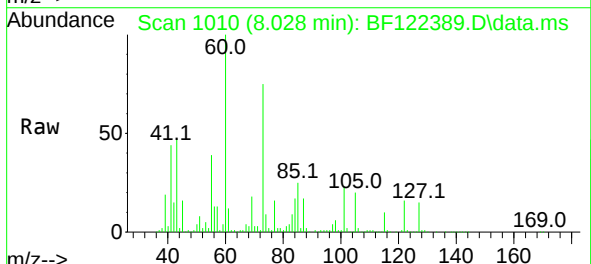
mohammad
11/24/2020 8:54:22 AM

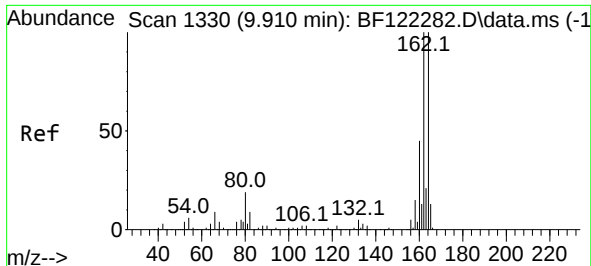


#32

Benzoic acid
Concen: 251.46 ng m
RT: 8.028 min Scan# 1010
Delta R.T. 0.118 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

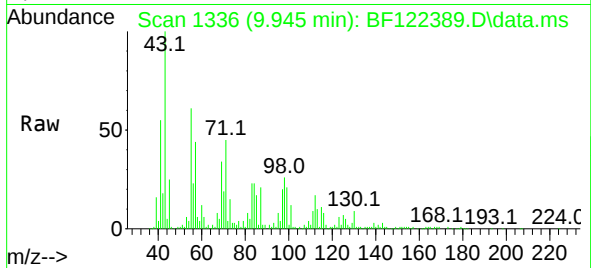
Tgt Ion:122 Resp: 90323
Ion Ratio Lower Upper
122 100
105 120.3 103.3 143.3
77 99.4 73.9 113.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.035 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

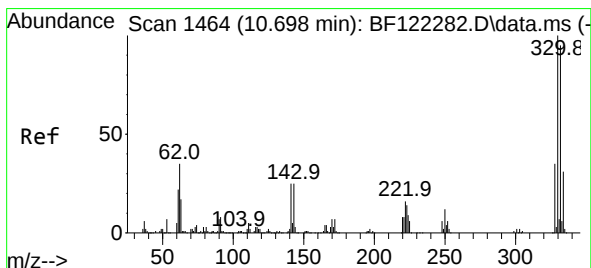
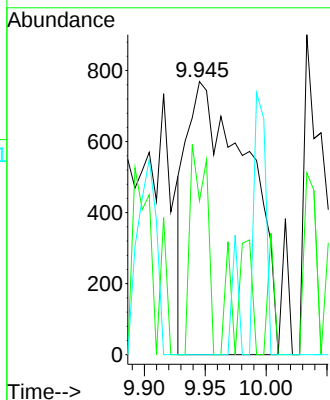
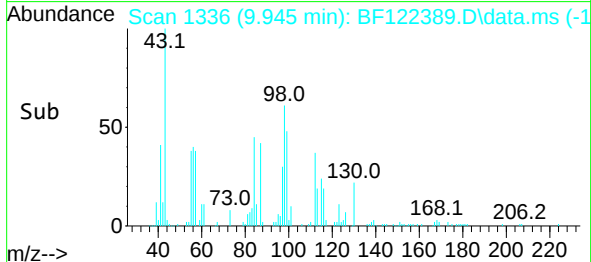
Instrument :
BNA_F
ClientSampled :
1623



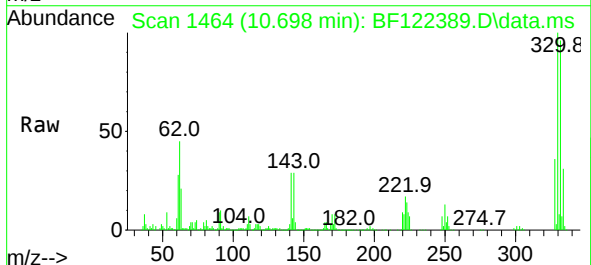
Tgt Ion:164 Resp: 2687
Ion Ratio Lower Upper
164 100
162 56.3 83.2 124.8#
160 0.0 37.5 56.3#

Manual Integrations
APPROVED

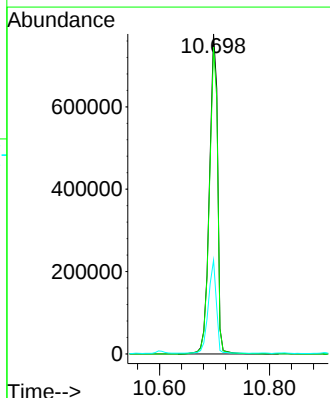
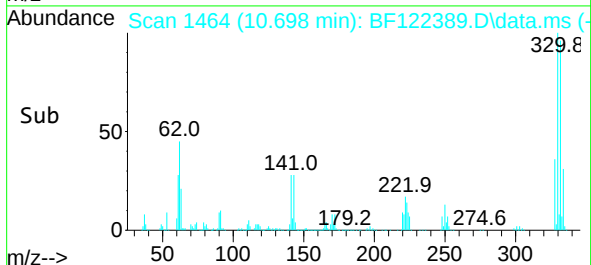
mohammad
11/24/2020 8:54:22 AM

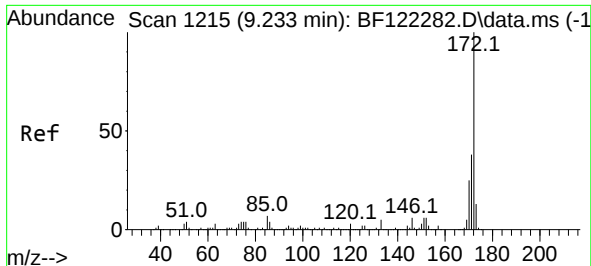


#42
2,4,6-Tribromophenol
Concen: 27807.15 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39



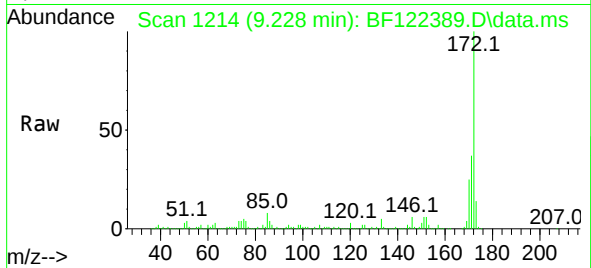
Tgt Ion:330 Resp: 801932
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 28.3 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 14856.66 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

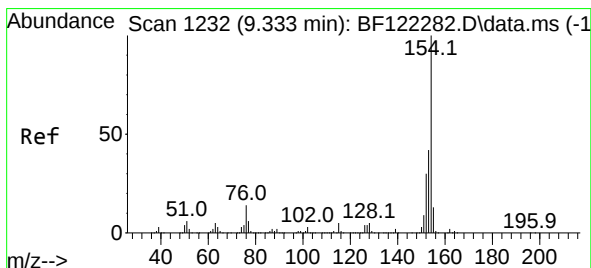
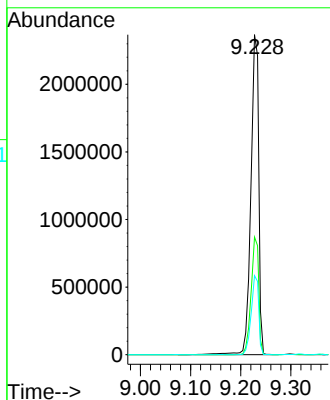
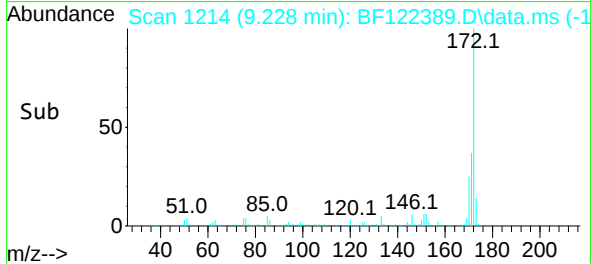
Instrument :
BNA_F
ClientSampled :
1623



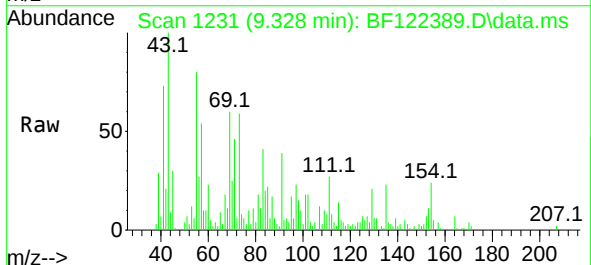
Tgt Ion:172 Resp: 2554950
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.7 19.8 29.6

Manual Integrations
APPROVED

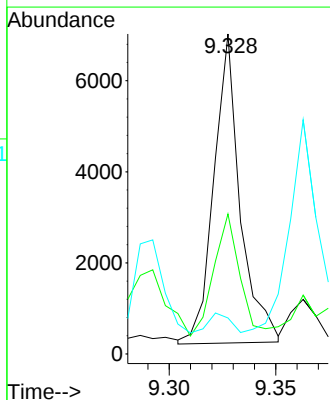
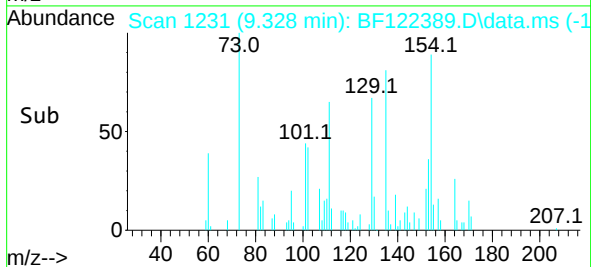
mohammad
11/24/2020 8:54:22 AM

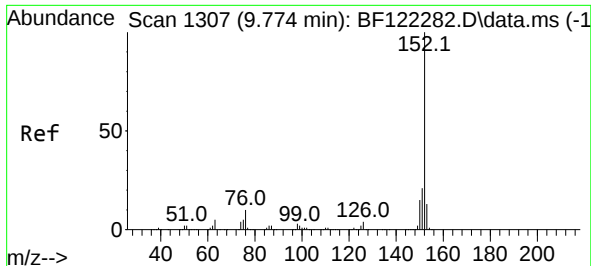


#46
1,1'-Biphenyl
Concen: 27.21 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39



Tgt Ion:154 Resp: 5820
Ion Ratio Lower Upper
154 100
153 43.8 21.3 61.3
76 11.2 0.0 34.7





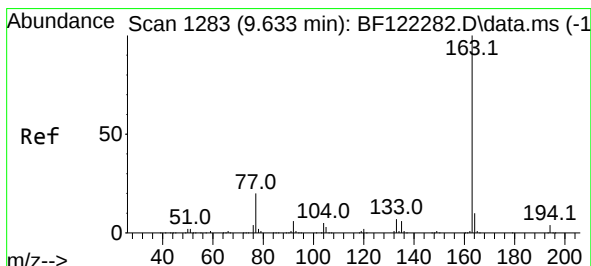
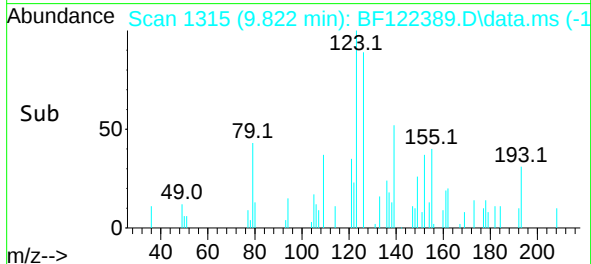
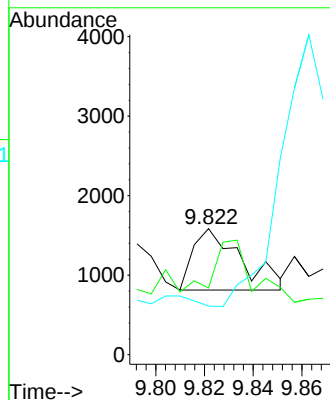
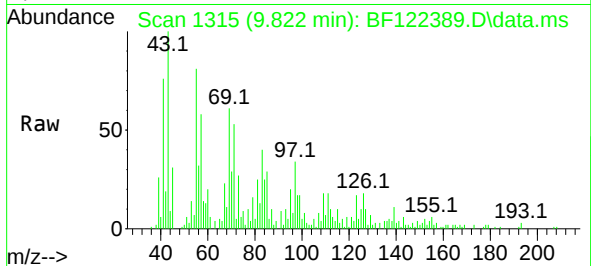
#49
Acenaphthylene
Concen: 4.07 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.047 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Tgt Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
151 52.9 16.4 24.6#
153 38.6 10.6 15.8#

Instrument :
BNA_F
ClientSampled :
1623

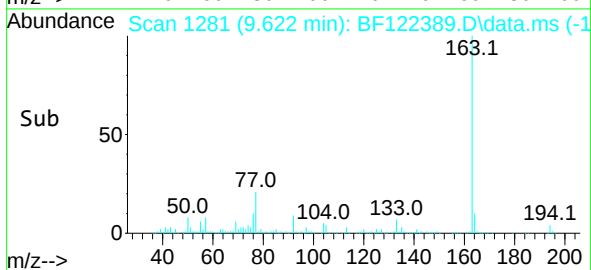
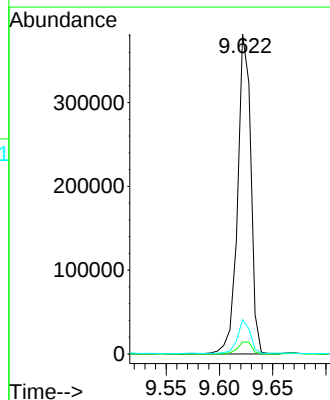
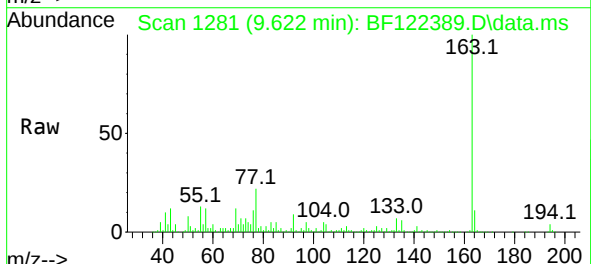
Manual Integrations
APPROVED

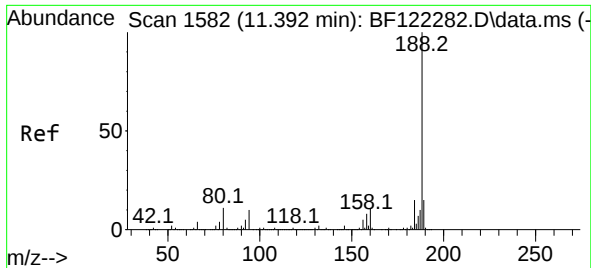
mohammad
11/24/2020 8:54:22 AM



#50
Dimethylphthalate
Concen: 1733.94 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.011 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Tgt Ion:163 Resp: 331173
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.7 8.2 12.4





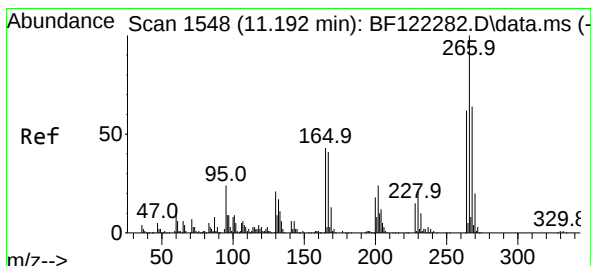
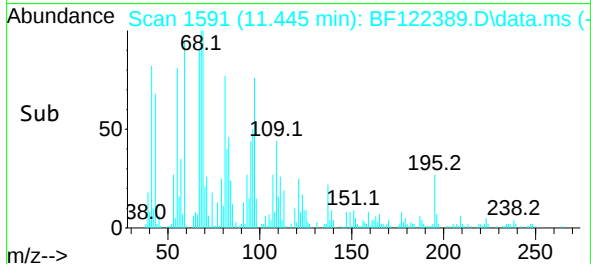
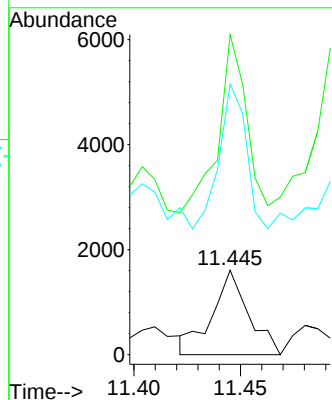
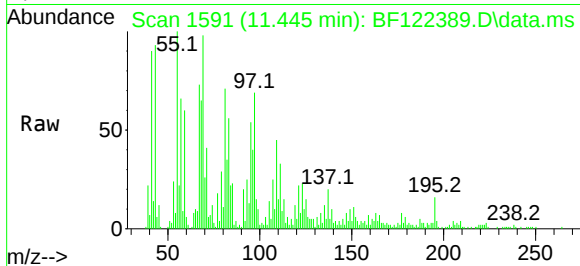
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.053 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

Tgt Ion:188 Resp: 1892
Ion Ratio Lower Upper
188 100
94 379.0 8.3 12.5#
80 320.5 9.1 13.7#

Instrument :
BNA_F
ClientSampled :
1623

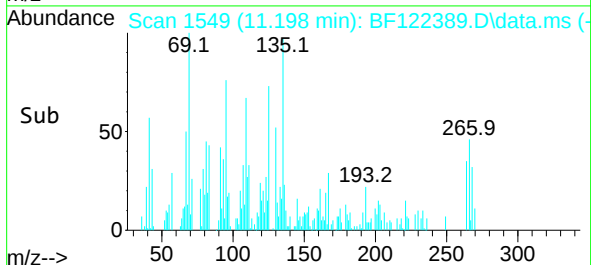
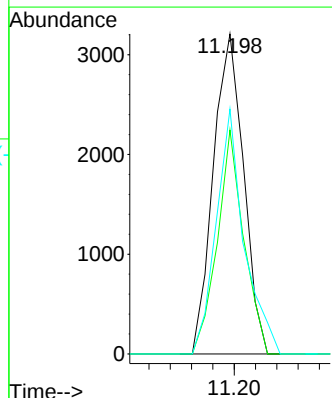
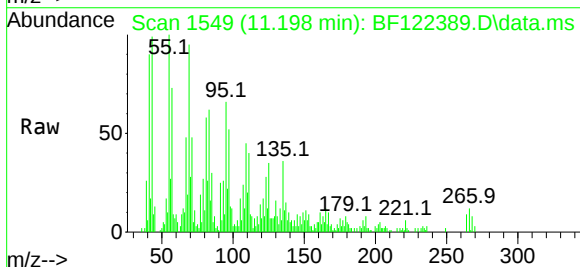
Manual Integrations
APPROVED

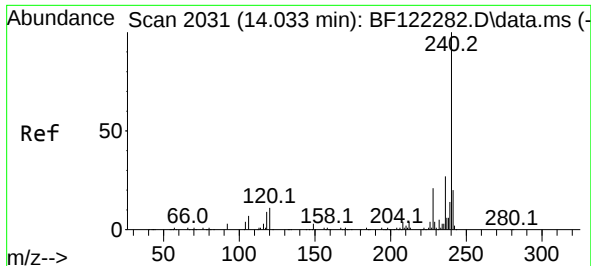
mohammad
11/24/2020 8:54:22 AM



#70
Pentachlorophenol
Concen: 228.40 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

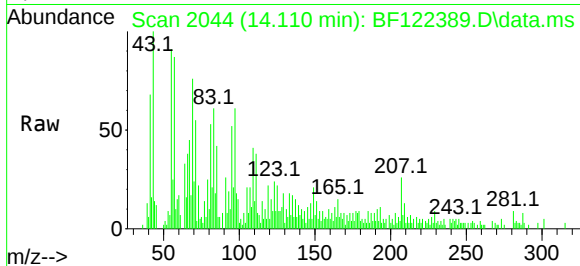
Tgt Ion:266 Resp: 3161
Ion Ratio Lower Upper
266 100
268 70.0 52.4 78.6
264 76.6 49.9 74.9#





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.077 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

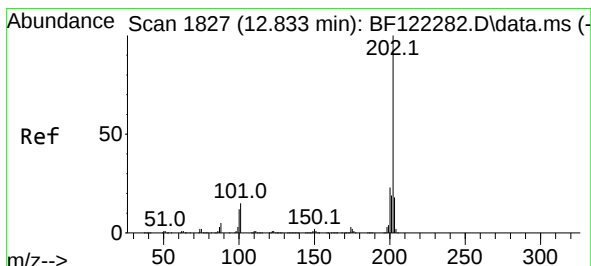
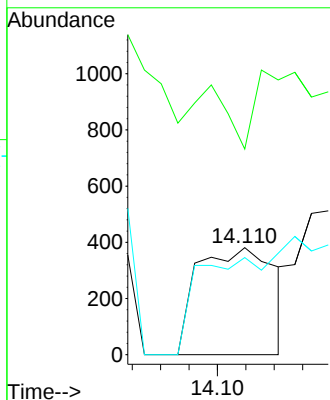
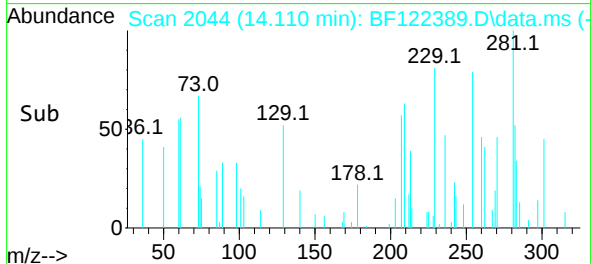
Instrument :
BNA_F
ClientSampled :
1623



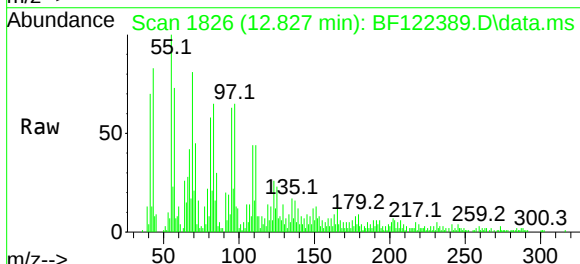
Tgt Ion:240 Resp: 717
Ion Ratio Lower Upper
240 100
120 192.1 9.2 13.8#
236 90.8 20.9 31.3#

Manual Integrations
APPROVED

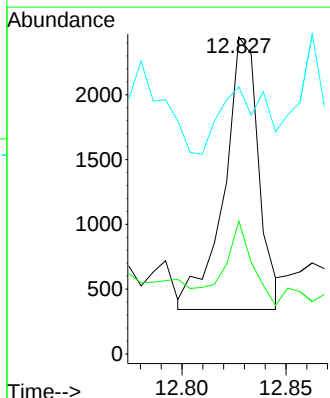
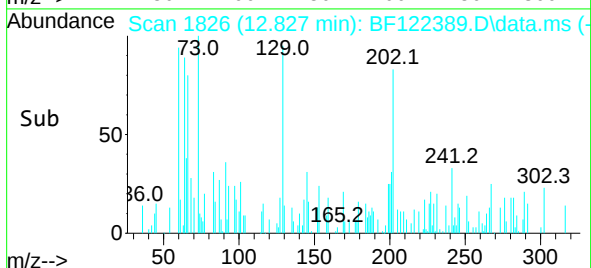
mohammad
11/24/2020 8:54:22 AM

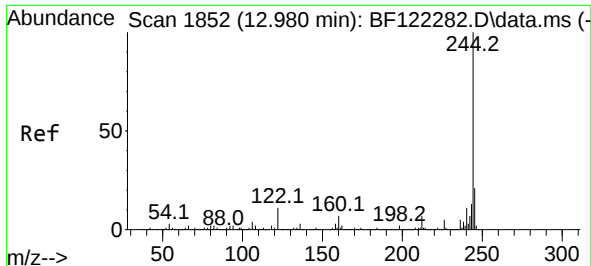


#78
Pyrene
Concen: 48.30 ng m
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122389.D
Acq: 19 Nov 2020 19:39

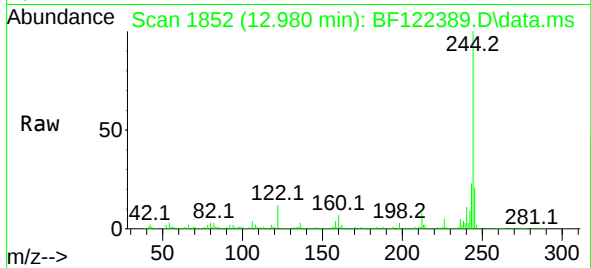


Tgt Ion:202 Resp: 2433
Ion Ratio Lower Upper
202 100
200 41.9 17.4 26.2#
203 84.3 14.6 21.8#

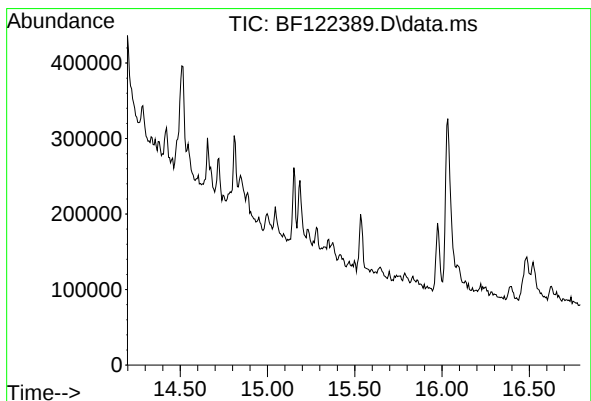
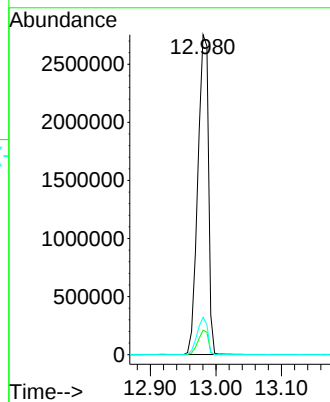
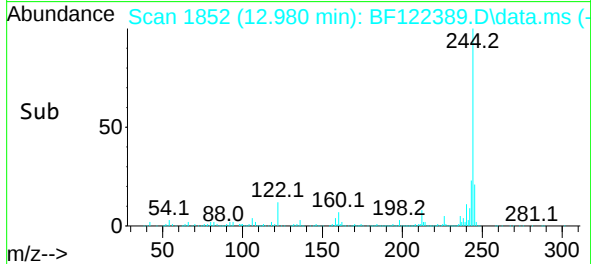




#79
 Terphenyl-d14
 Concen: 91930.64 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122389.D
 Acq: 19 Nov 2020 19:39



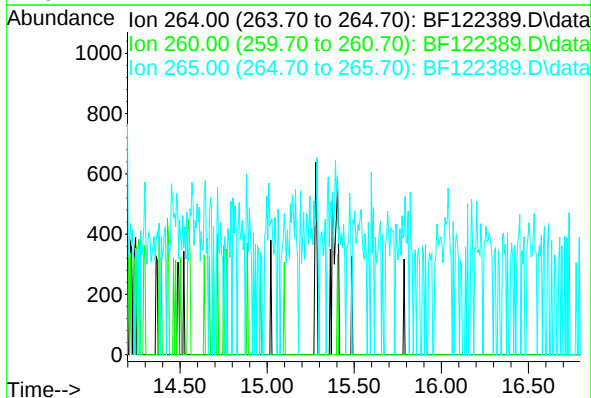
Tgt Ion: 244 Resp: 3111360
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 11.7 8.1 12.1



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 15.50 min

Lab File: BF122389.D
 Acq: 19 Nov 2020 19:39

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 23.4
 265 21.6



Instrument :
 BNA_F
 ClientSampleId :
 1623

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:54:22 AM