

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122437.D
 Acq On : 21 Nov 2020 23:58
 Operator : JU/CG
 Sample : L4808-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11931RE

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:02:29 AM

Quant Time: Nov 23 01:02:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	201537	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	794077	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	415738	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	758113	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	626337	20.00	ng	-0.01
86) Perylene-d12	15.521	264	524190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	300569	22.90	ng	-0.01
7) Phenol-d6	6.492	99	1000414	58.26	ng	-0.02
23) Nitrobenzene-d5	7.422	82	875855	67.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	31422	7.04	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1575338	59.21	ng	0.00
79) Terphenyl-d14	12.986	244	1694329	57.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	84649	5.01	ng	76
50) Dimethylphthalate	9.622	163	72621	2.46	ng	97
71) Phenanthrene	11.416	178	177726	4.13	ng	98
75) Fluoranthene	12.610	202	195059	4.34	ng	97
78) Pyrene	12.839	202	167624	3.81	ng	98
88) Benzo(b)fluoranthene	15.086	252	68808m	2.03	ng	

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

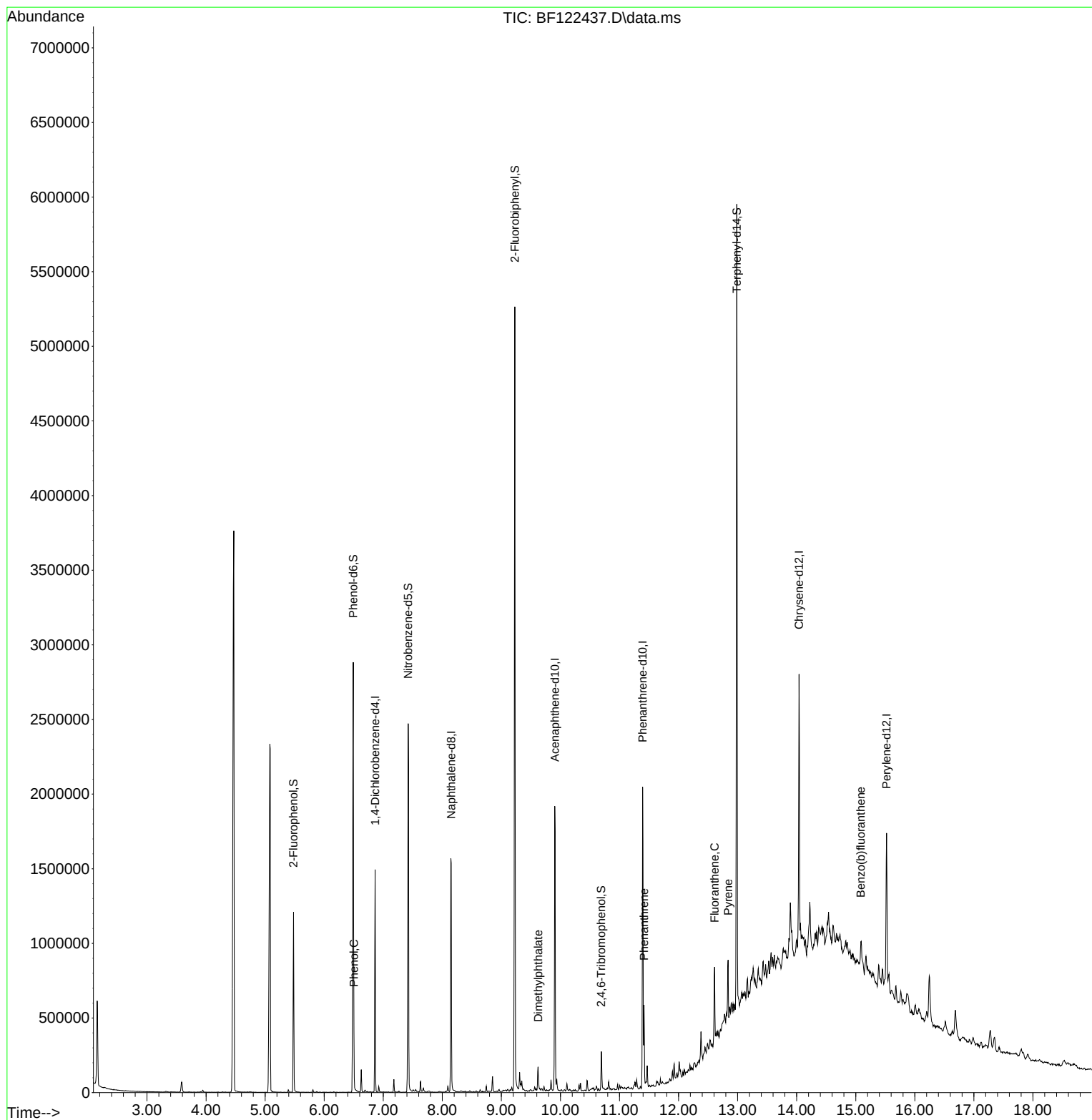
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122437.D
Acq On : 21 Nov 2020 23:58
Operator : JU/CG
Sample : L4808-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

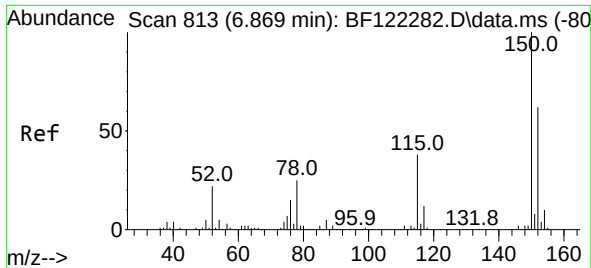
Instrument :
BNA_F
ClientSampleId :
11931RE

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:29 AM

Quant Time: Nov 23 01:02:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration





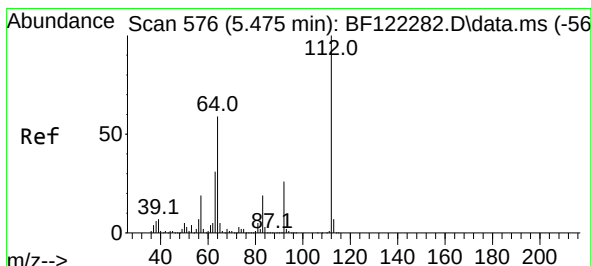
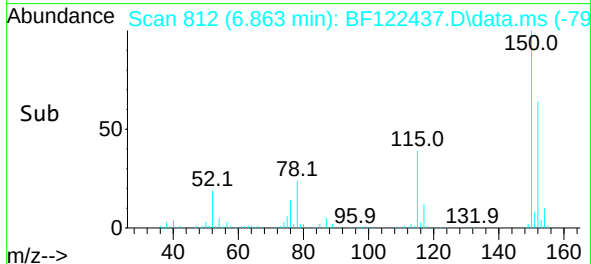
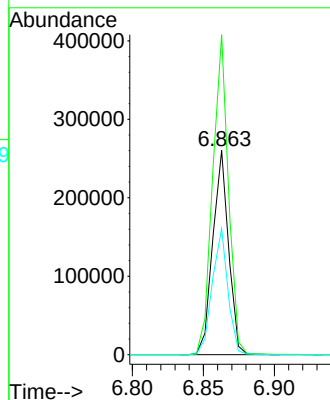
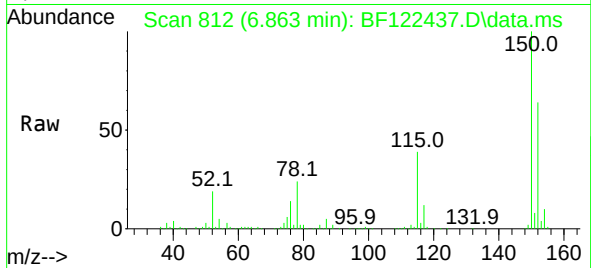
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:152 Resp: 201537
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 61.7 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
11931RE

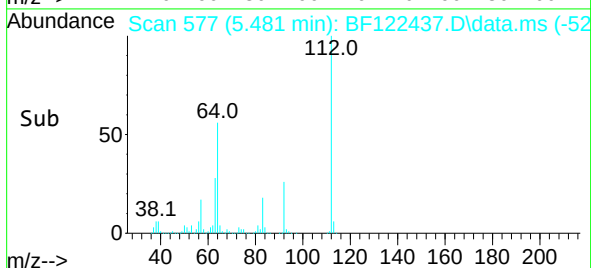
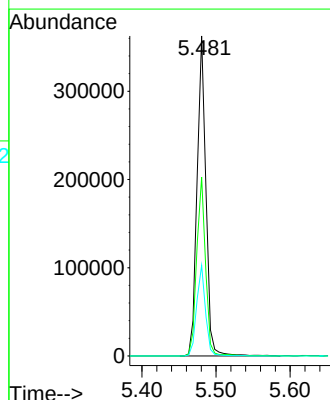
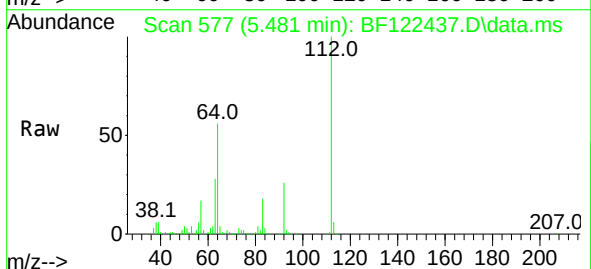
Manual Integrations
APPROVED

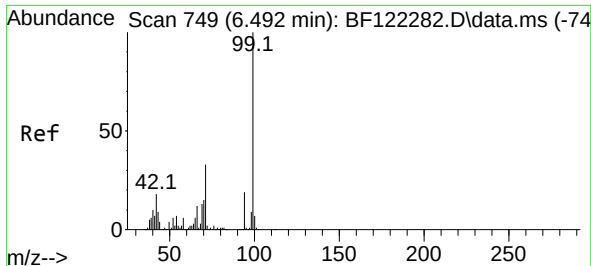
mohammad
11/24/2020 9:02:29 AM



#5
2-Fluorophenol
Concen: 22.90 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:112 Resp: 300569
Ion Ratio Lower Upper
112 100
64 55.9 50.4 75.6
63 28.3 25.8 38.6





#7
Phenol-d6
Concen: 58.26 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

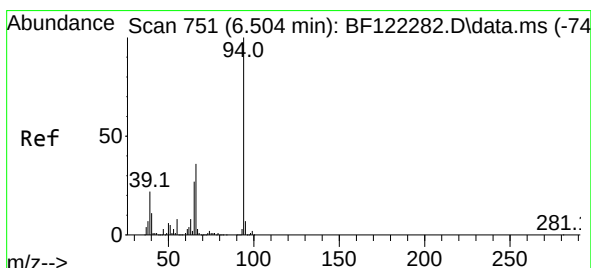
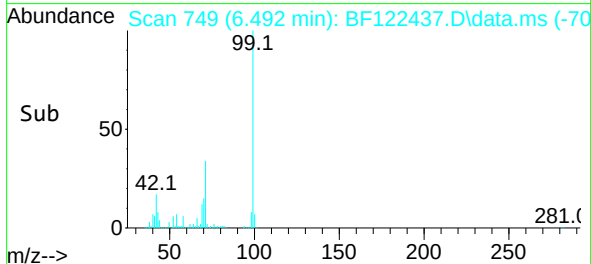
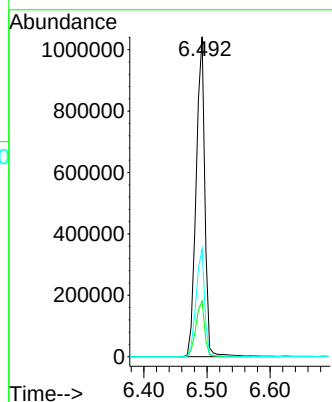
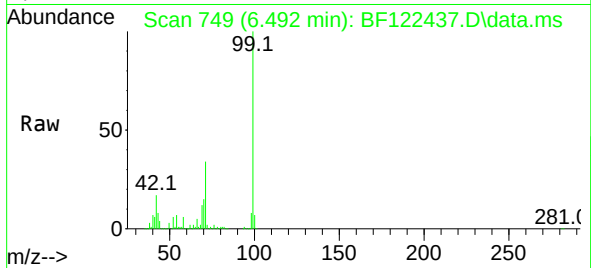
Tgt Ion: 99 Resp: 1000414

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.9	23.9
71	33.7	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
11931RE

Manual Integrations
APPROVED

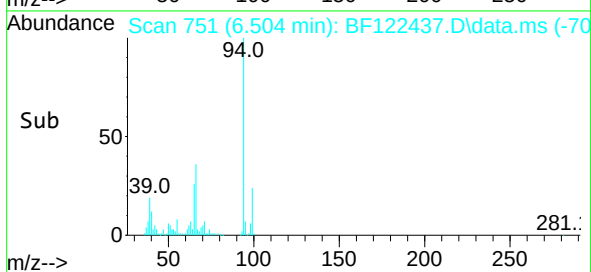
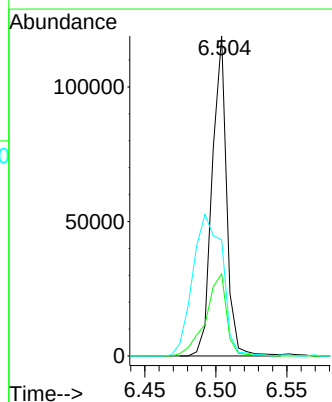
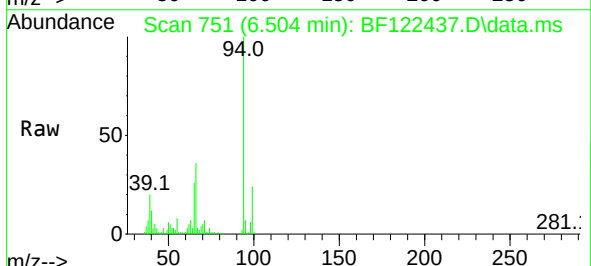
mohammad
11/24/2020 9:02:29 AM

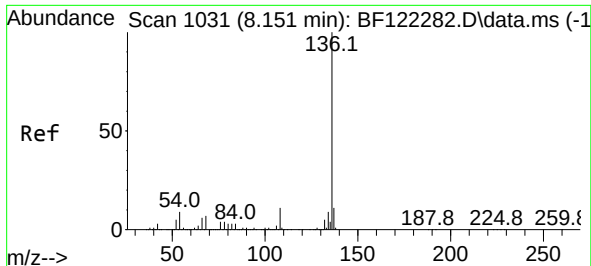


#10
Phenol
Concen: 5.01 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 94 Resp: 84649

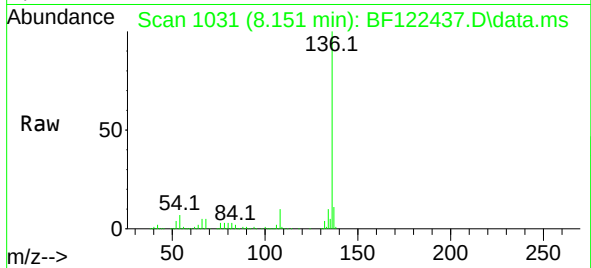
Ion	Ratio	Lower	Upper
94	100		
65	25.7	17.1	57.1
66	36.3	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

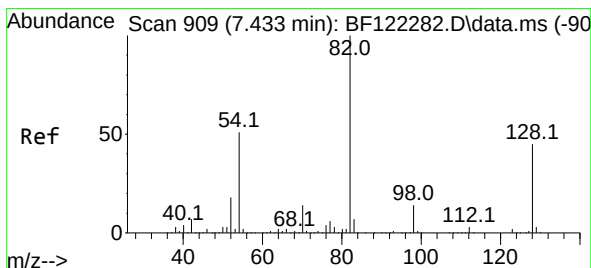
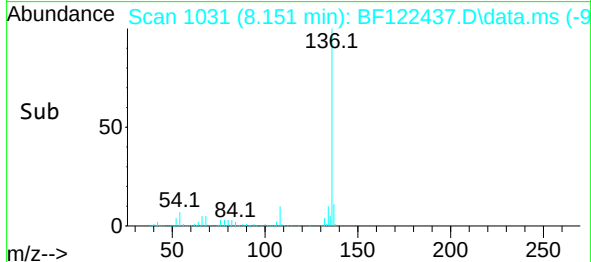
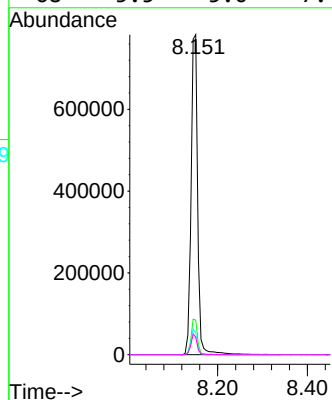
Instrument :
BNA_F
ClientSampleId :
11931RE



Tgt Ion:136 Resp: 794077
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 7.1 10.7#
68 5.5 5.0 7.4

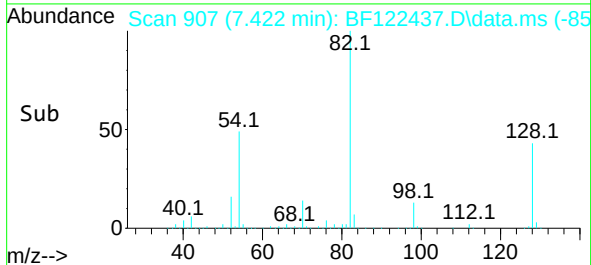
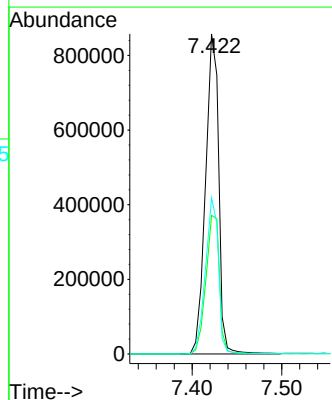
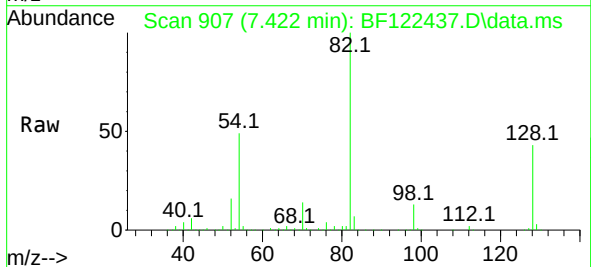
Manual Integrations
APPROVED

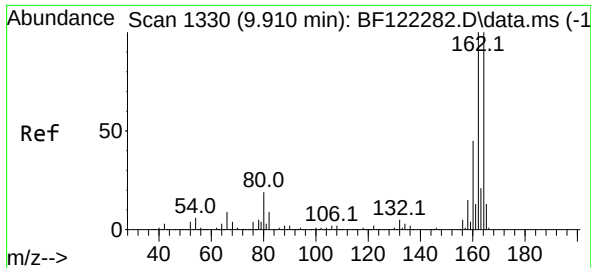
mohammad
11/24/2020 9:02:29 AM



#23
Nitrobenzene-d5
Concen: 67.52 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion: 82 Resp: 875855
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 48.8 43.9 65.9





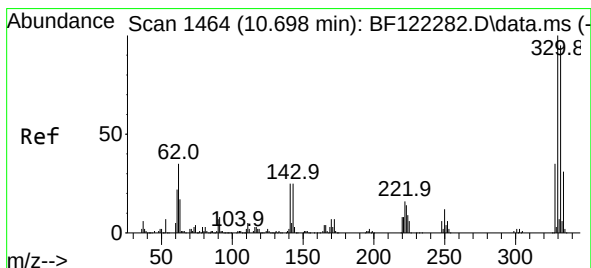
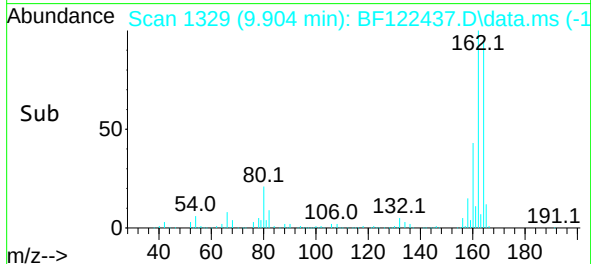
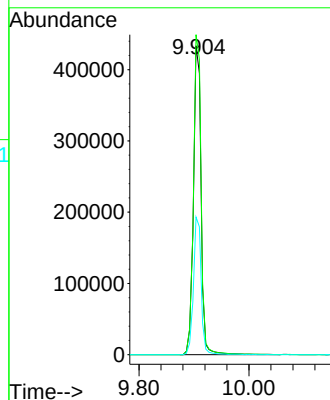
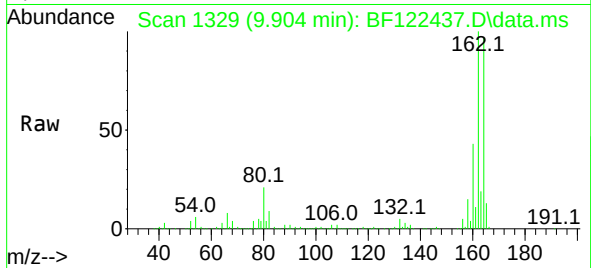
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:164 Resp: 415738
Ion Ratio Lower Upper
164 100
162 103.6 83.2 124.8
160 44.6 37.5 56.3

Instrument :
BNA_F
ClientSampleId :
11931RE

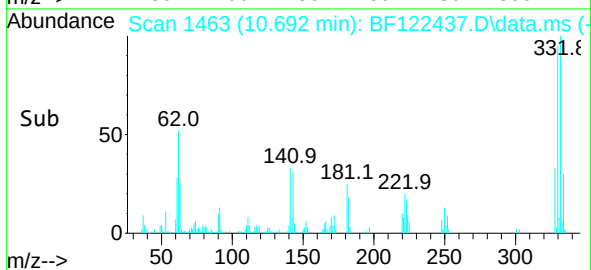
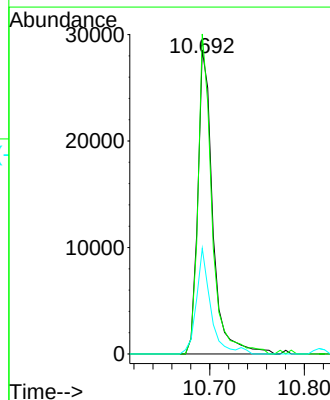
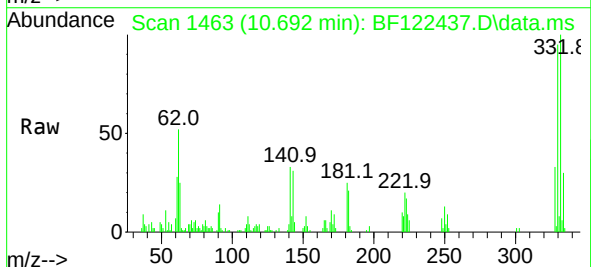
Manual Integrations
APPROVED

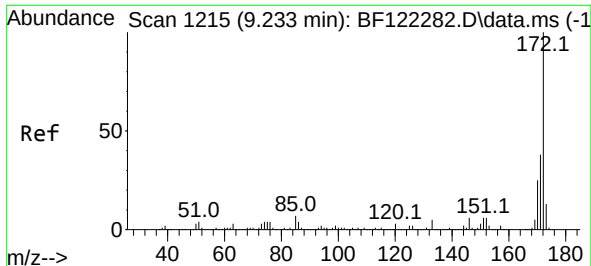
mohammad
11/24/2020 9:02:29 AM



#42
2,4,6-Tribromophenol
Concen: 7.04 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

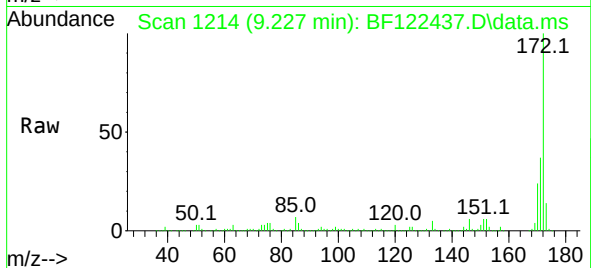
Tgt Ion:330 Resp: 31422
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.2 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 59.21 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

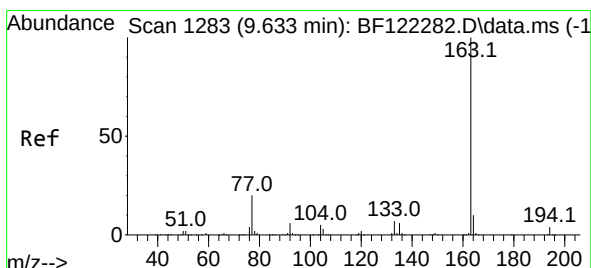
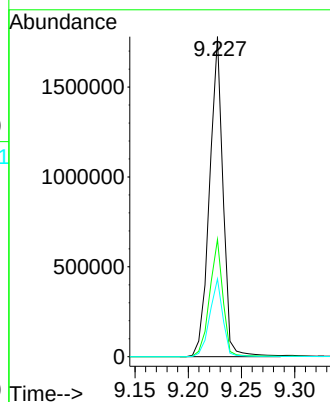
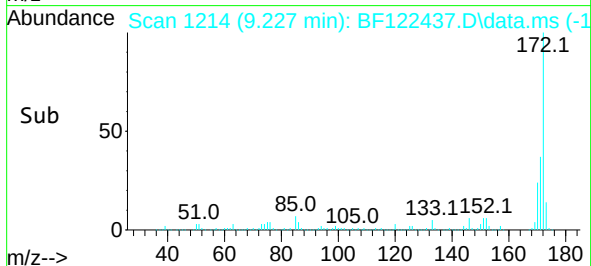
Instrument :
BNA_F
ClientSampleId :
11931RE



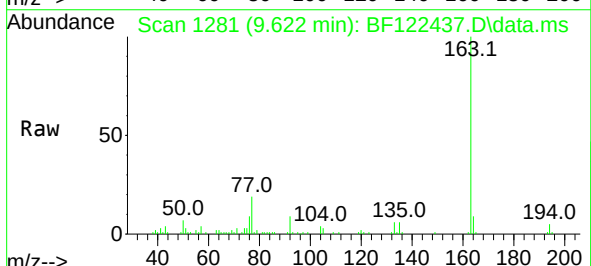
Tgt Ion:172 Resp: 1575338
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.3 19.8 29.6

Manual Integrations
APPROVED

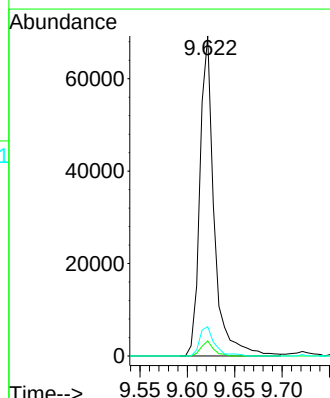
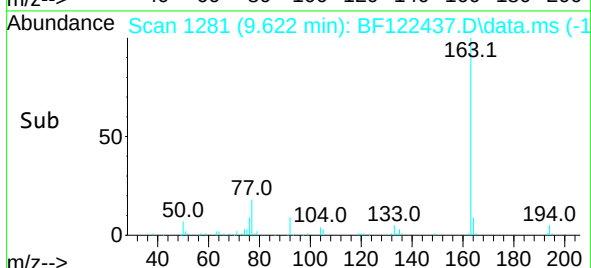
mohammad
11/24/2020 9:02:29 AM

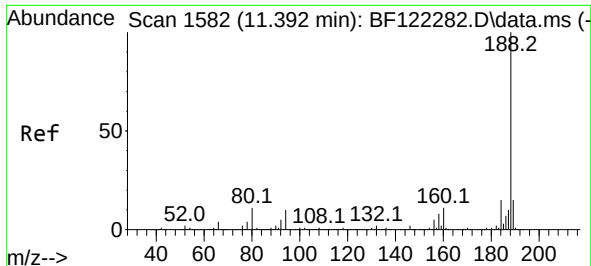


#50
Dimethylphthalate
Concen: 2.46 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58



Tgt Ion:163 Resp: 72621
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.1 8.2 12.4





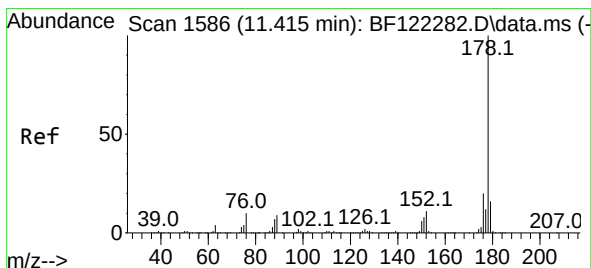
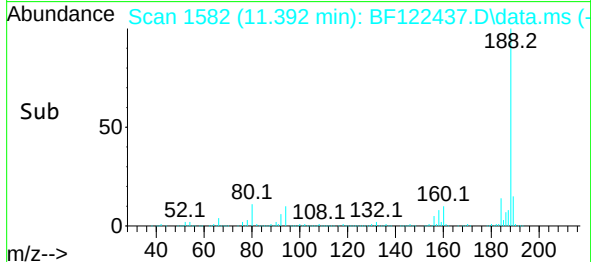
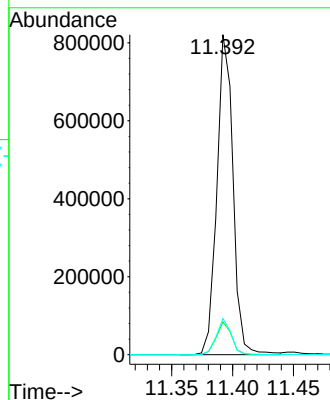
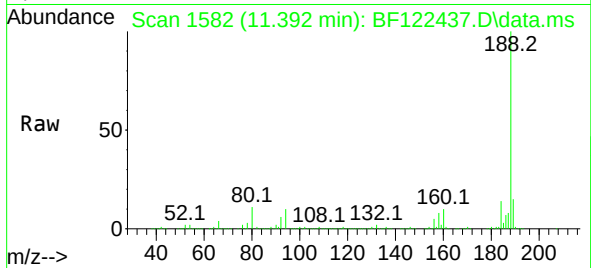
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:188 Resp: 758113
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7

Instrument :
BNA_F
ClientSampleId :
11931RE

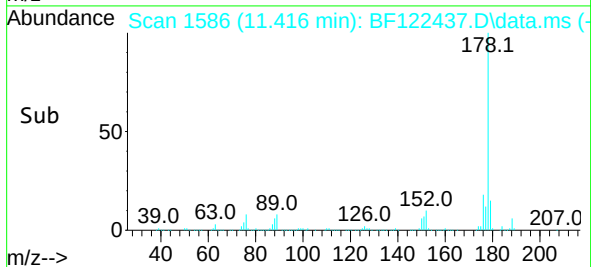
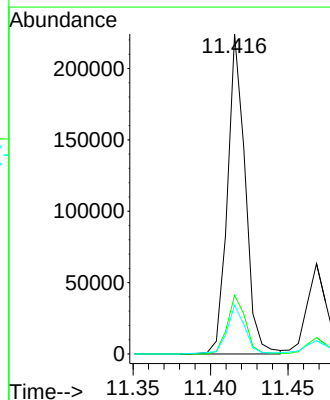
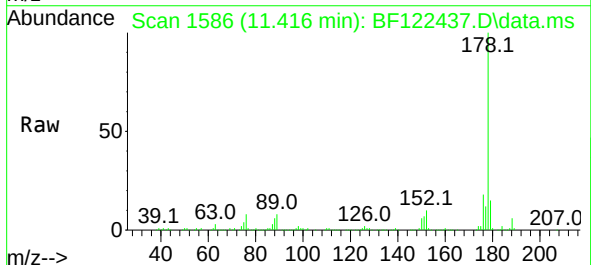
Manual Integrations
APPROVED

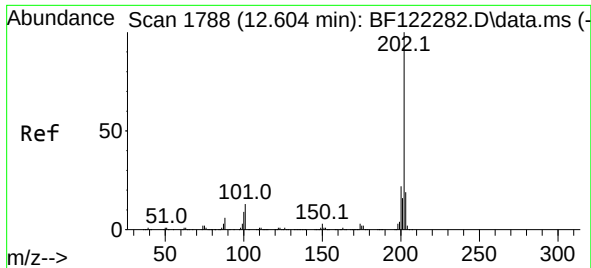
mohammad
11/24/2020 9:02:29 AM



#71
Phenanthrene
Concen: 4.13 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:178 Resp: 177726
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.2 12.2 18.4





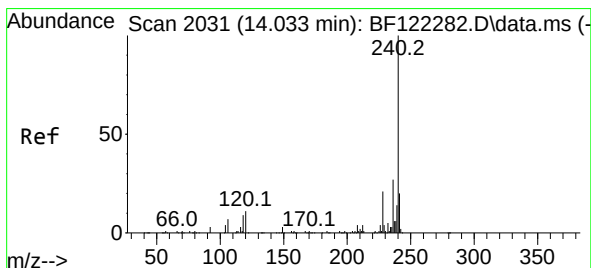
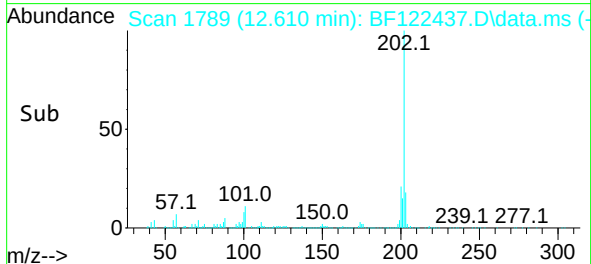
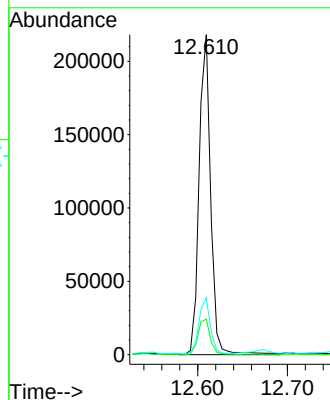
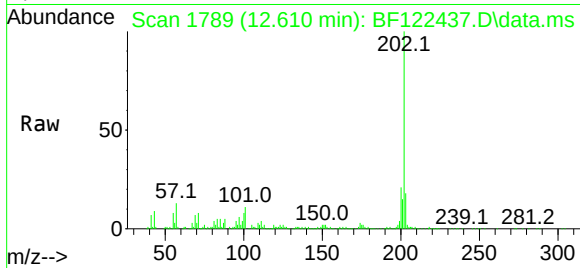
#75
Fluoranthene
Concen: 4.34 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:202 Resp: 195059
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.8 0.0 37.9

Instrument :
BNA_F
ClientSampleId :
11931RE

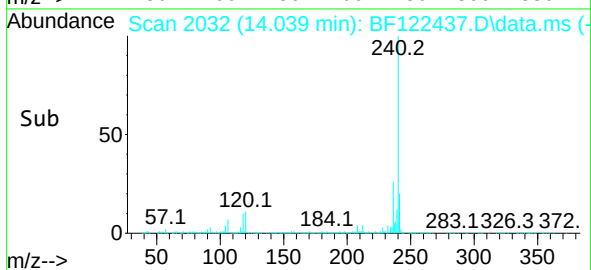
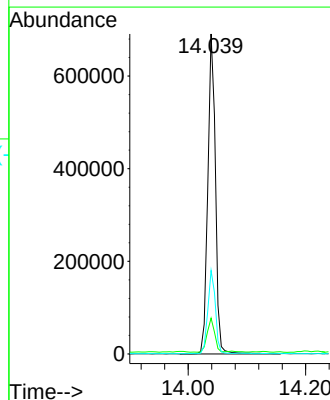
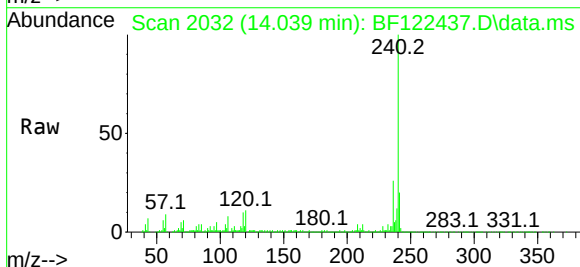
Manual Integrations
APPROVED

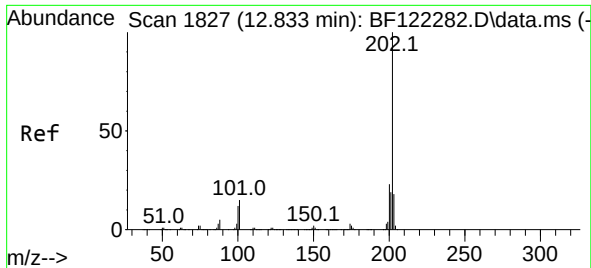
mohammad
11/24/2020 9:02:29 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:240 Resp: 626337
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.1 20.9 31.3





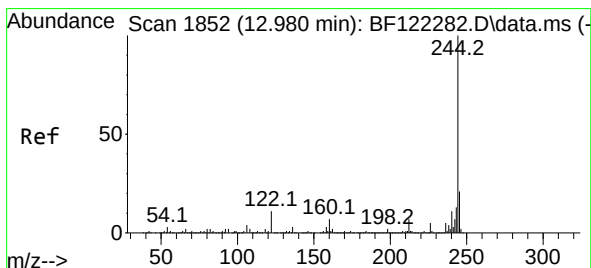
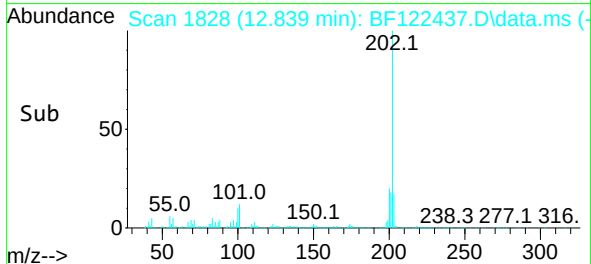
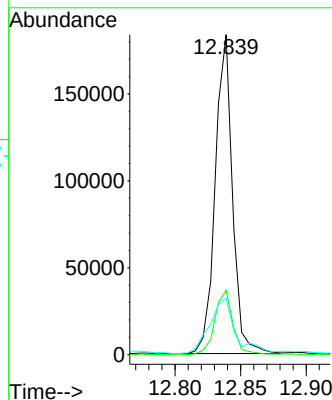
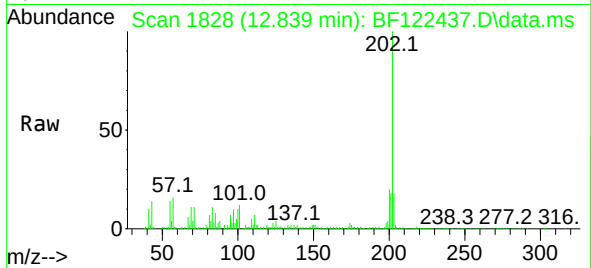
#78
Pyrene
Concen: 3.81 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

Tgt Ion:	202	Resp:	167624
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.7	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
11931RE

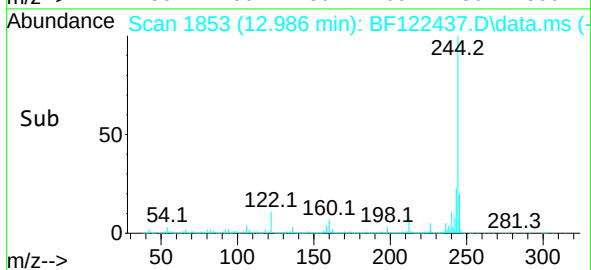
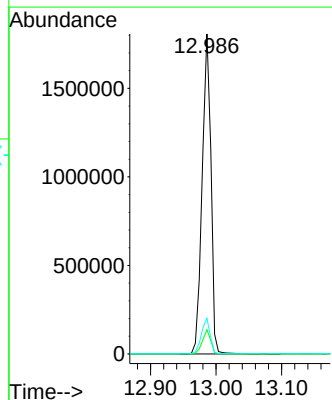
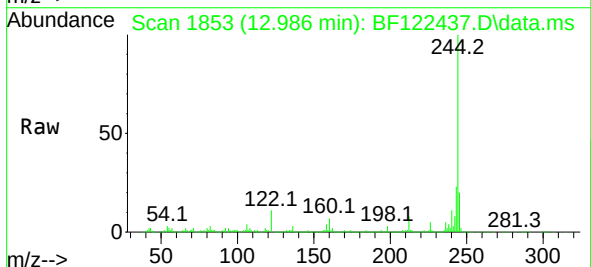
Manual Integrations
APPROVED

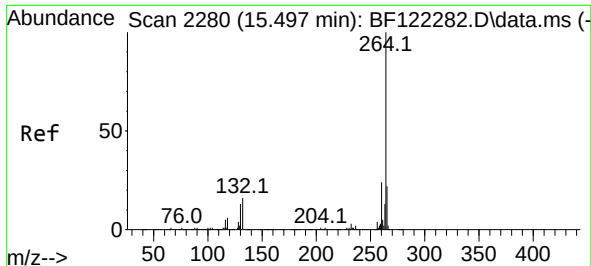
mohammad
11/24/2020 9:02:29 AM



#79
Terphenyl-d14
Concen: 57.31 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

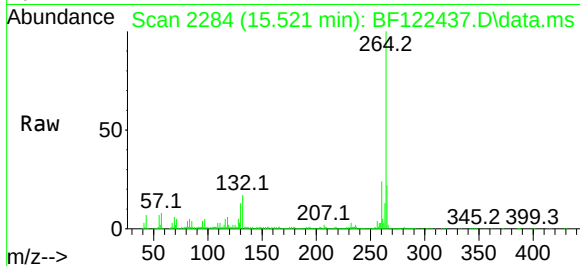
Tgt Ion:	244	Resp:	1694329
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.2
122	11.1	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58

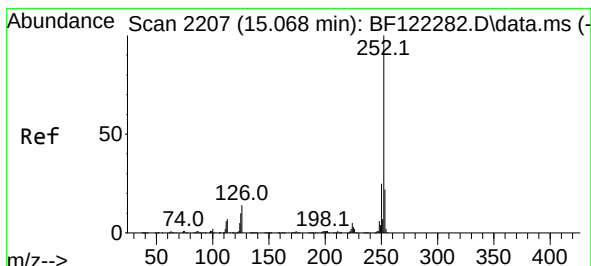
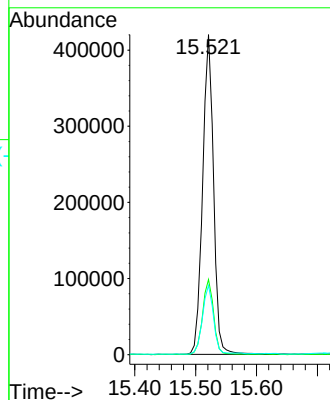
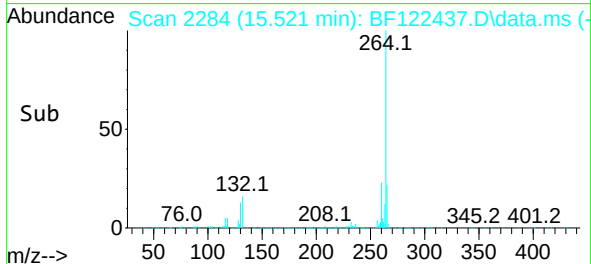
Instrument :
BNA_F
ClientSampleId :
11931RE



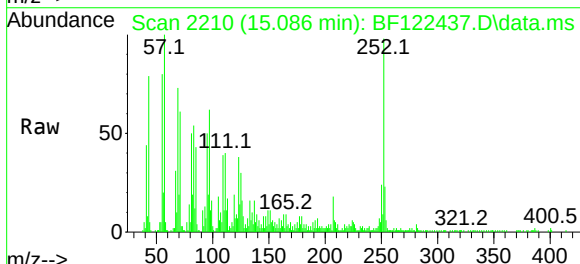
Tgt Ion:264 Resp: 524190
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:29 AM



#88
Benzo(b)fluoranthene
Concen: 2.03 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122437.D
Acq: 21 Nov 2020 23:58



Tgt Ion:252 Resp: 68808
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 31.0 8.0 12.0#

