

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124157.D
 Acq On : 7 Jun 2021 15:09
 Operator : JU/CG
 Sample : M2583-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39-41

Manual Integrations
 APPROVED

mohammad
 6/8/2021 3:36:33 PM

Quant Time: Jun 07 15:30:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	35427	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	143134	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	77961	20.000	ng	0.02
64) Phenanthrene-d10	11.398	188	114256	20.000	ng	0.00
76) Chrysene-d12	14.039	240	88173	20.000	ng	0.00
86) Perylene-d12	15.521	264	83540	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	145751	61.932	ng	0.01
7) Phenol-d6	6.545	99	120329	38.038	ng	0.04
23) Nitrobenzene-d5	7.433	82	222448	61.639	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	73517	66.560	ng	0.02
45) 2-Fluorobiphenyl	9.233	172	376532	60.776	ng	0.01
79) Terphenyl-d14	12.980	244	255375	39.765	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.569	94	812194	237.576	ng	95
20) 3+4-Methylphenols	7.310	107	1190839m	422.187	ng	
22) Acetophenone	7.281	105	13819	3.387	ng	# 1
32) Benzoic acid	8.210	122	303951m	217.208	ng	
36) 4-Chloro-3-methylphenol	8.792	107	346903	120.158	ng	# 86
50) Dimethylphthalate	9.663	163	46374	7.190	ng	# 84
60) Diethylphthalate	10.351	149	20700	3.180	ng	# 85
70) Pentachlorophenol	11.216	266	6128	10.830	ng	92
84) Bis(2-ethylhexyl)phtha...	14.015	149	49868	12.206	ng	98

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

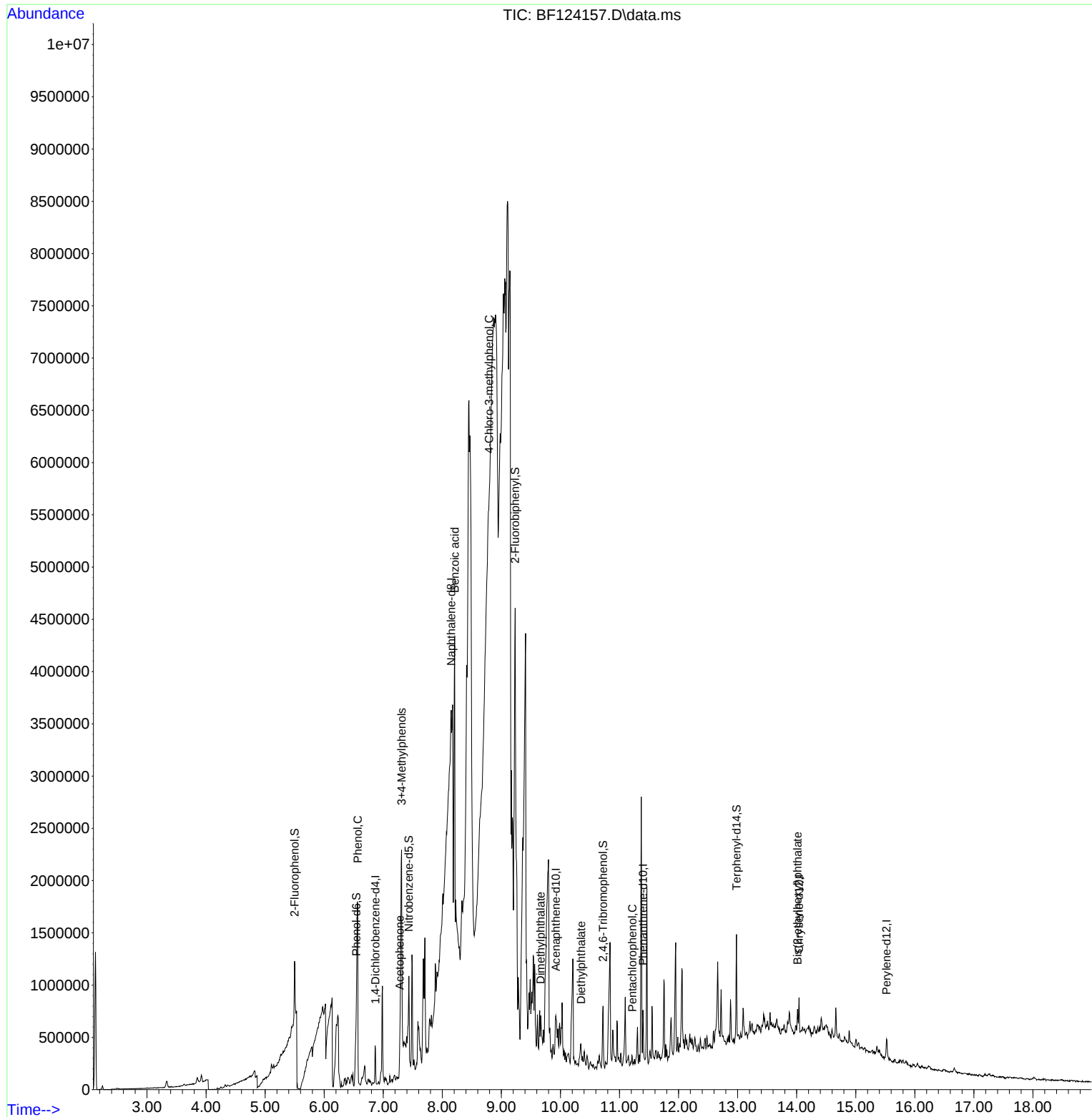
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

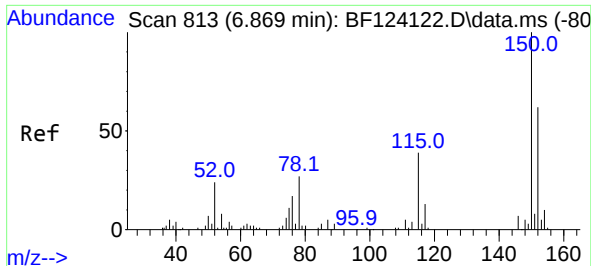
Instrument :
BNA_F
ClientSampleId :
39-41

Manual Integrations
APPROVED

mohammad
6/8/2021 3:36:33 PM

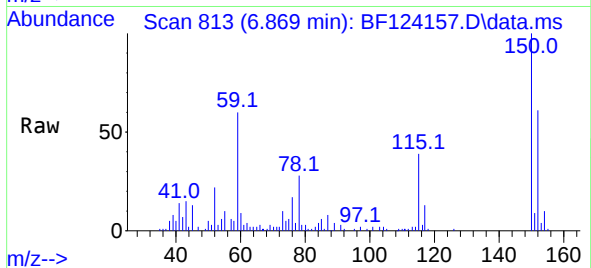
Quant Time: Jun 07 15:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

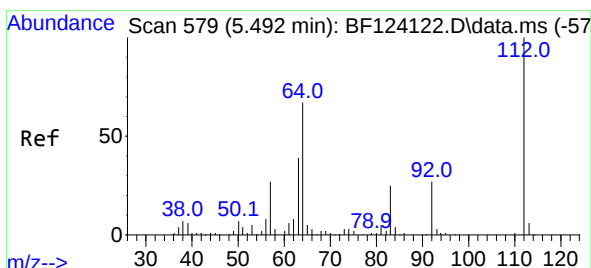
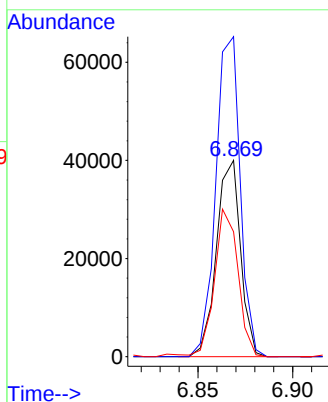
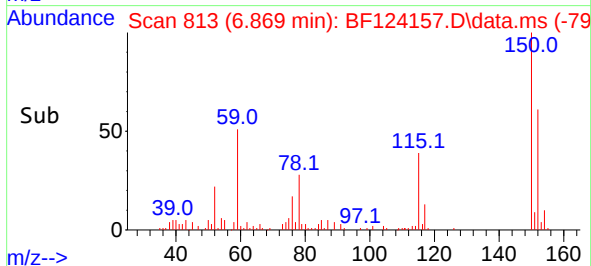
Instrument :
BNA_F
ClientSampled :
39-41



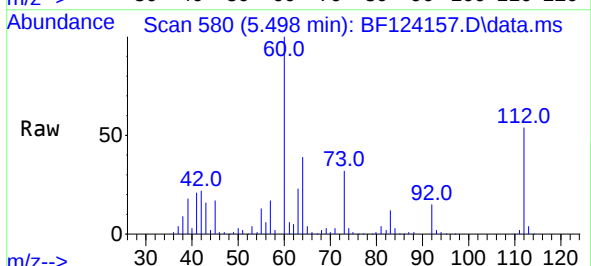
Tgt Ion:152 Resp: 35427
Ion Ratio Lower Upper
152 100
150 163.1 127.0 190.6
115 63.7 54.3 81.5

Manual Integrations
APPROVED

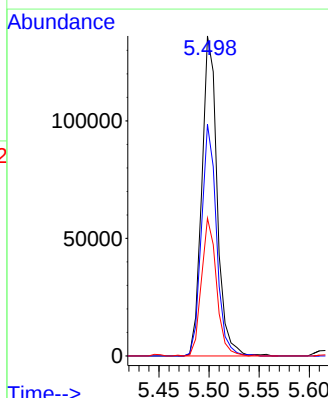
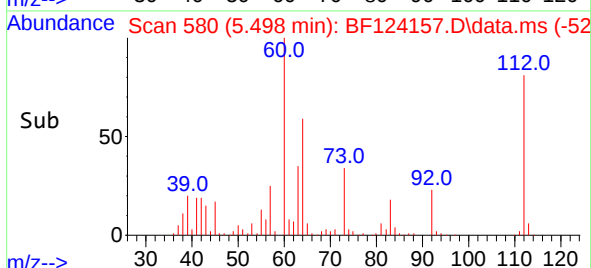
mohammad
6/8/2021 3:36:33 PM

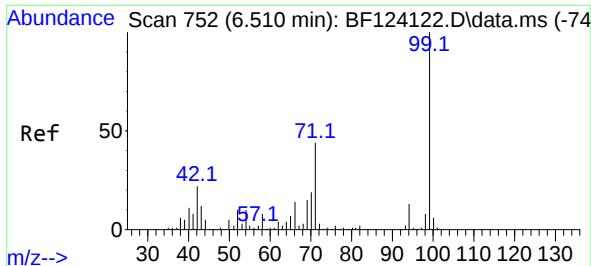


#5
2-Fluorophenol
Concen: 61.932 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

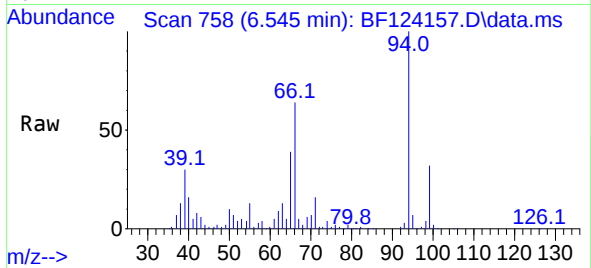


Tgt Ion:112 Resp: 145751
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 43.1 33.0 49.4

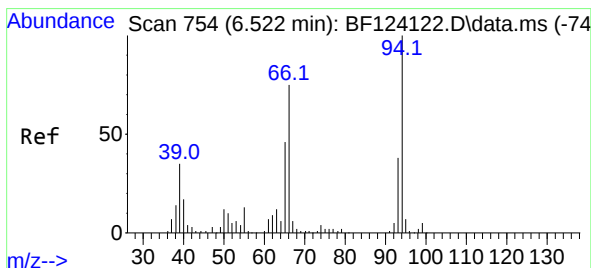
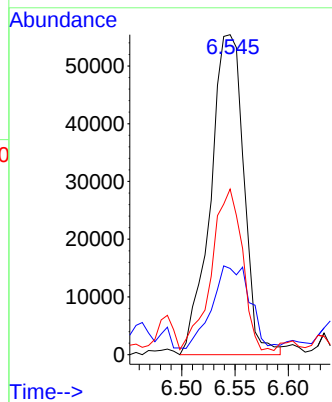
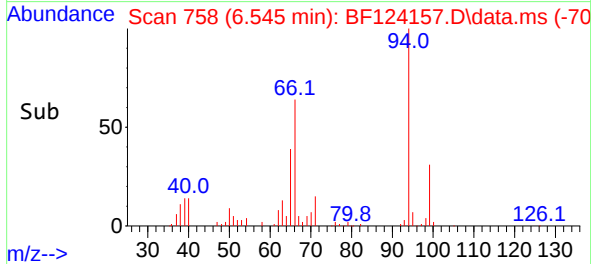




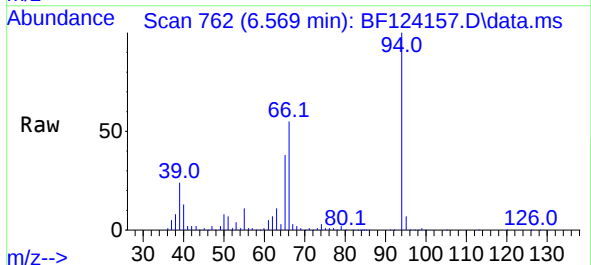
#7
Phenol-d6
Concen: 38.038 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.041 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



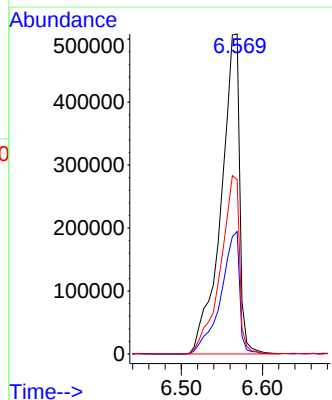
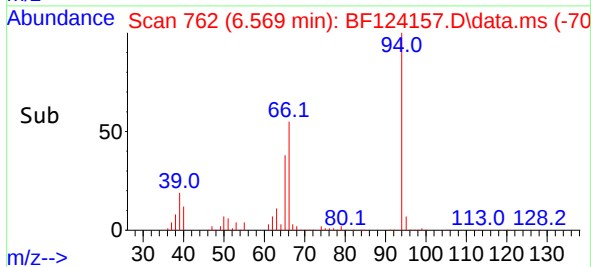
Tgt Ion: 99 Resp: 120329
Ion Ratio Lower Upper
99 100
42 27.0 19.8 29.8
71 51.7 31.1 46.7#



#10
Phenol
Concen: 237.576 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.053 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



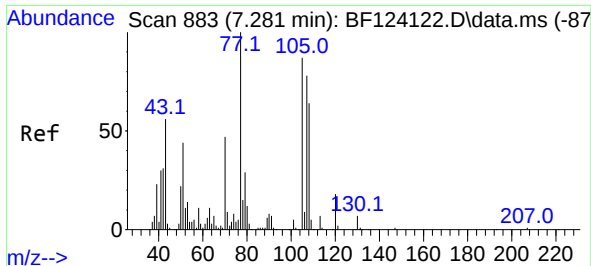
Tgt Ion: 94 Resp: 812194
Ion Ratio Lower Upper
94 100
65 38.2 18.1 58.1
66 54.5 29.0 69.0



Instrument :
BNA_F
ClientSampled :
39-41

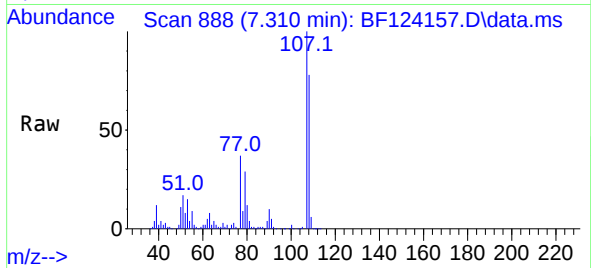
Manual Integrations
APPROVED

mohammad
6/8/2021 3:36:33 PM



#20
3+4-Methylphenols
Concen: 422.187 ng m
RT: 7.310 min Scan# 888
Delta R.T. 0.035 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

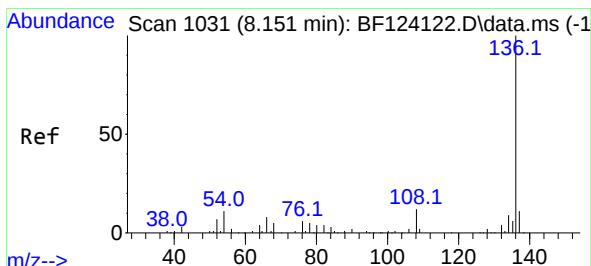
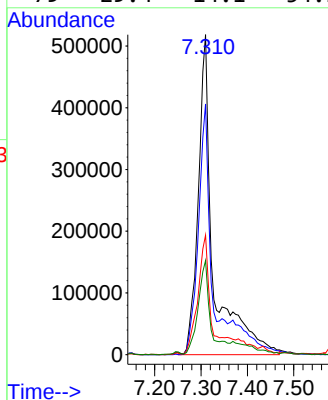
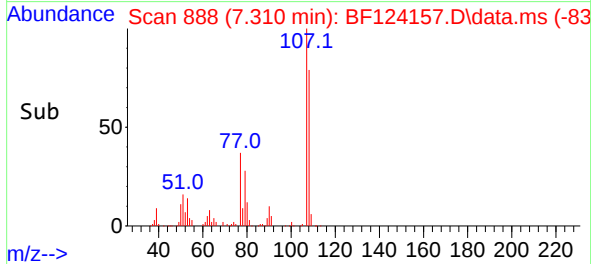
Instrument :
BNA_F
ClientSampled :
39-41



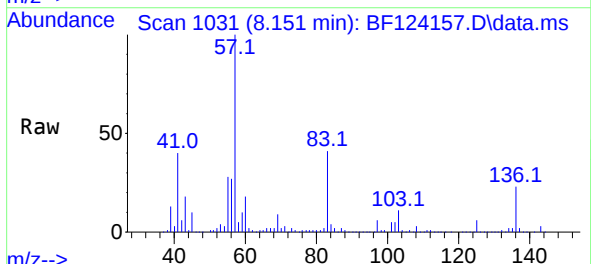
Tgt Ion:107 Resp: 1190839
Ion Ratio Lower Upper
107 100
108 78.4 71.5 111.5
77 37.4 82.0 122.0#
79 29.4 14.1 54.1

Manual Integrations
APPROVED

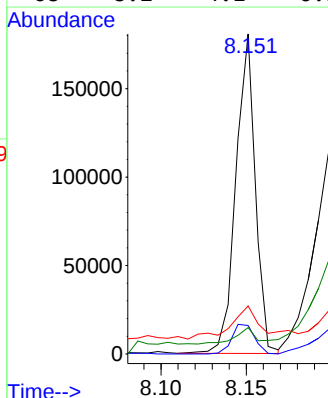
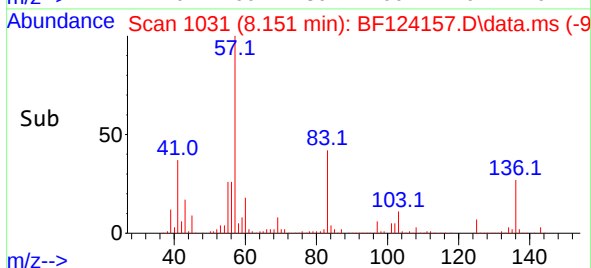
mohammad
6/8/2021 3:36:33 PM

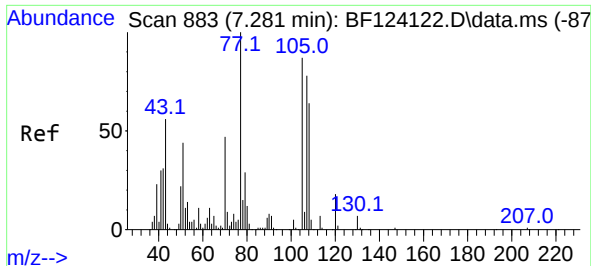


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



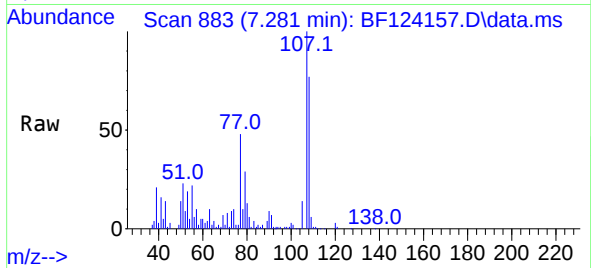
Tgt Ion:136 Resp: 143134
Ion Ratio Lower Upper
136 100
137 8.9 8.7 13.1
54 15.0 9.8 14.6#
68 8.2 4.1 6.1#





#22
Acetophenone
Concen: 3.387 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

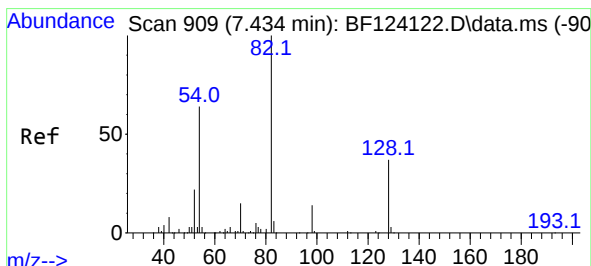
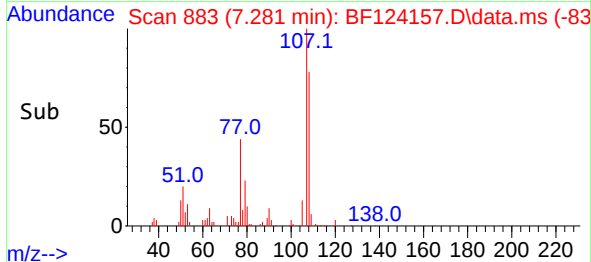
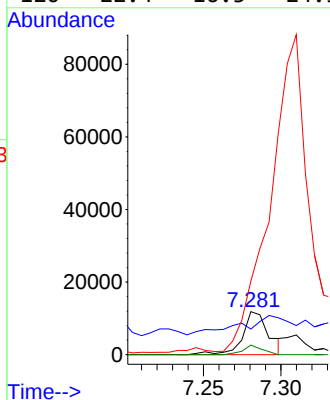
Instrument :
BNA_F
ClientSampleId :
39-41



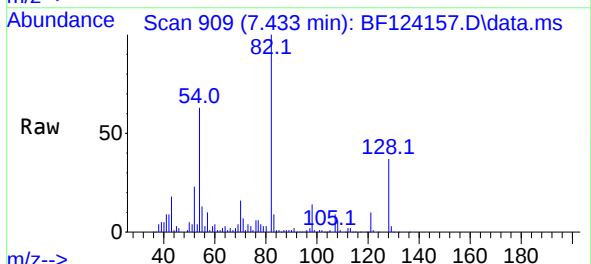
Tgt Ion: 105 Resp: 13819
Ion Ratio Lower Upper
105 100
71 59.5 4.2 6.4#
51 170.7 33.6 50.4#
120 22.4 16.3 24.5

Manual Integrations
APPROVED

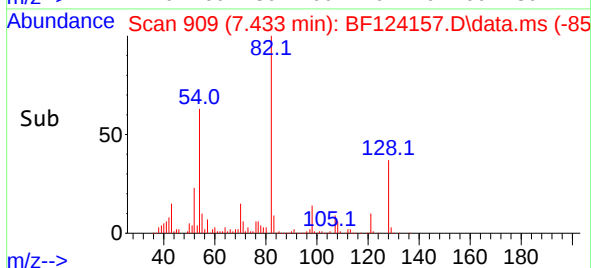
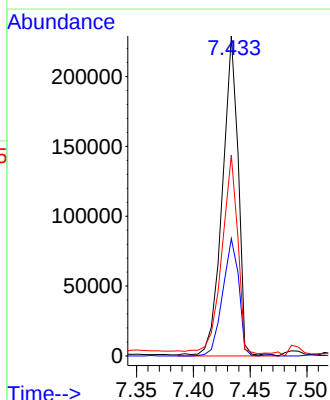
mohammad
6/8/2021 3:36:33 PM

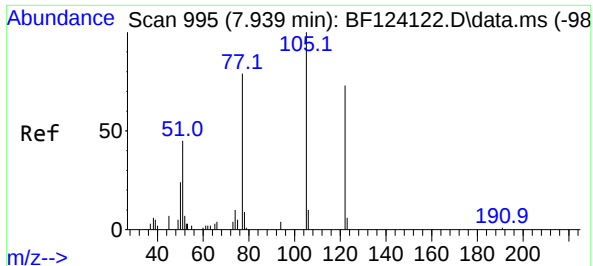


#23
Nitrobenzene-d5
Concen: 61.639 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



Tgt Ion: 82 Resp: 222448
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 62.8 54.1 81.1





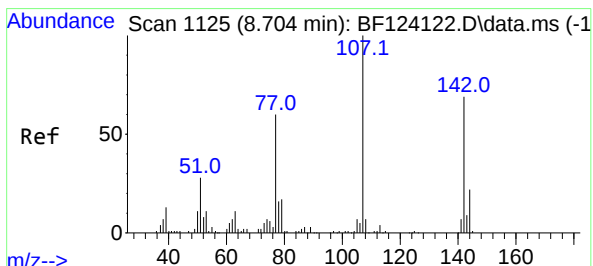
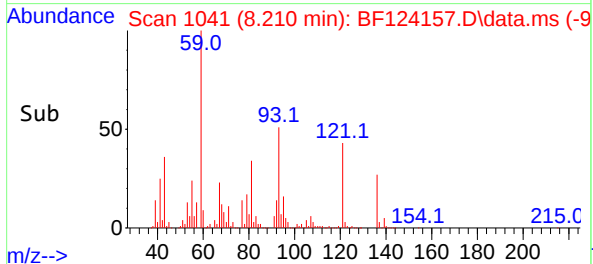
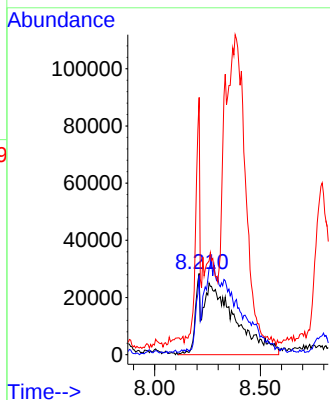
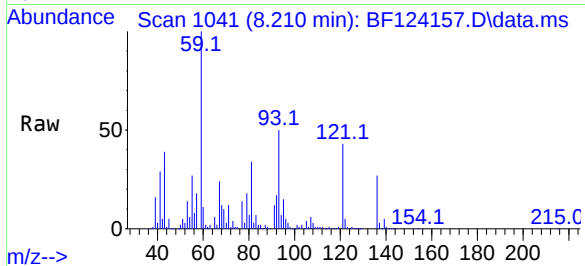
#32
Benzoic acid
Concen: 217.208 ng m
RT: 8.210 min Scan# 1041
Delta R.T. 0.276 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

Tgt Ion:122 Resp: 303951
Ion Ratio Lower Upper
122 100
105 97.7 107.8 147.8#
77 316.8 81.6 121.6#

Instrument :
BNA_F
ClientSampled :
39-41

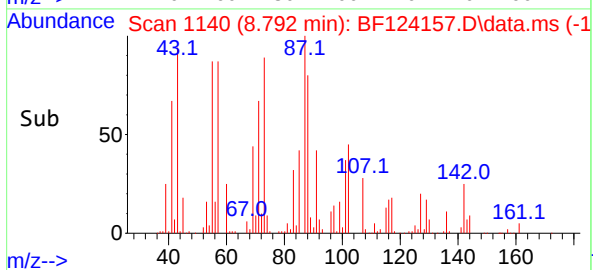
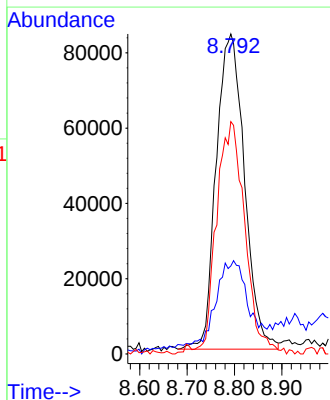
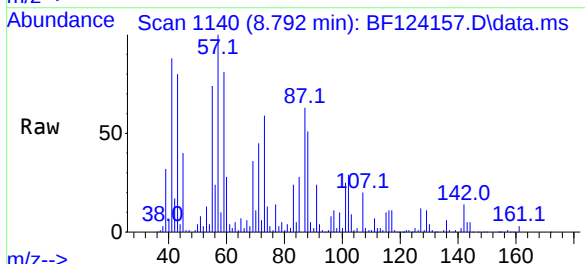
Manual Integrations
APPROVED

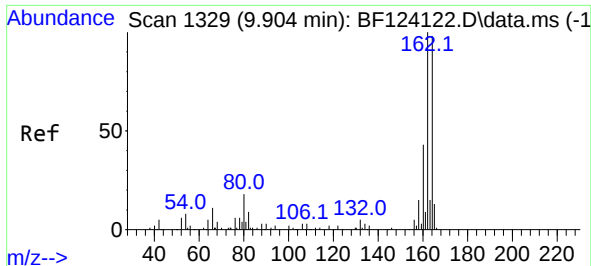
mohammad
6/8/2021 3:36:33 PM



#36
4-Chloro-3-methylphenol
Concen: 120.158 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.088 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

Tgt Ion:107 Resp: 346903
Ion Ratio Lower Upper
107 100
144 27.5 16.3 24.5#
142 72.6 50.1 75.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.018 min

Lab File: BF124157.D

Acq: 7 Jun 2021 15:09

Tgt Ion:	164	Resp:	77961
Ion	Ratio	Lower	Upper
164	100		
162	107.2	80.7	121.1
160	45.0	37.3	55.9

Instrument :

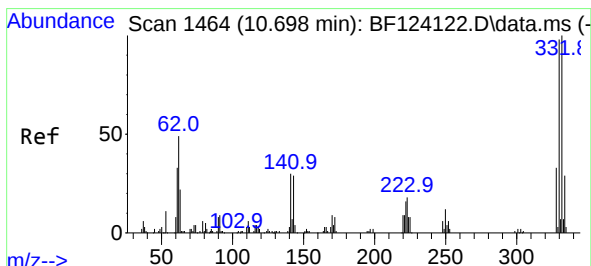
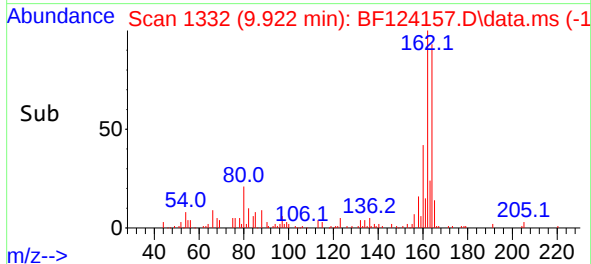
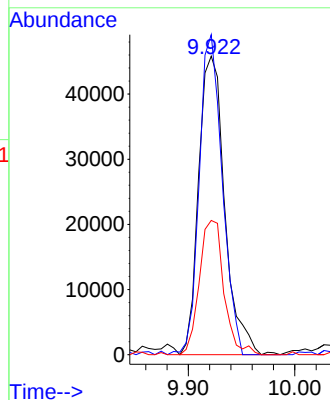
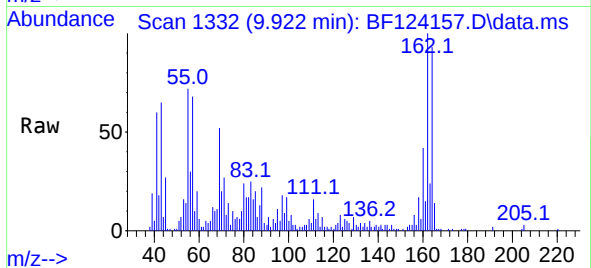
BNA_F

ClientSampled :

39-41

Manual Integrations
APPROVED

mohammad
6/8/2021 3:36:33 PM



#42

2,4,6-Tribromophenol

Concen: 66.560 ng

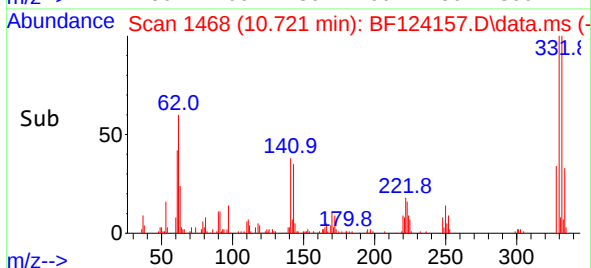
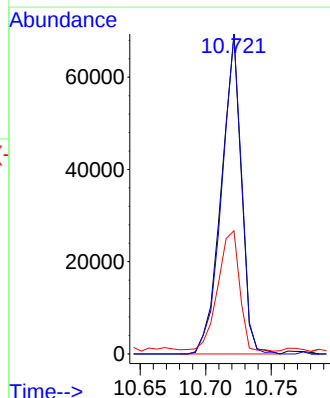
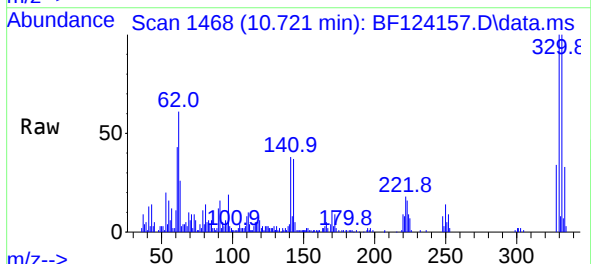
RT: 10.721 min Scan# 1468

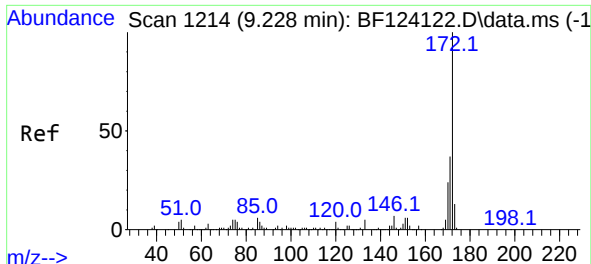
Delta R.T. 0.024 min

Lab File: BF124157.D

Acq: 7 Jun 2021 15:09

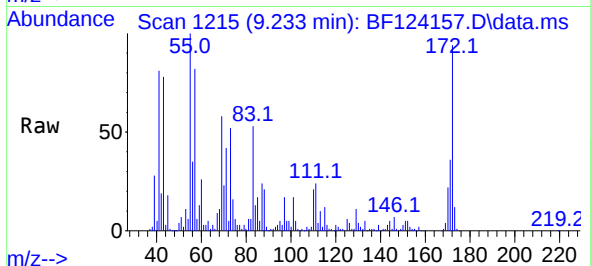
Tgt Ion:	330	Resp:	73517
Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.1	115.7
141	41.2	27.9	41.9





#45
2-Fluorobiphenyl
Concen: 60.776 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.012 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

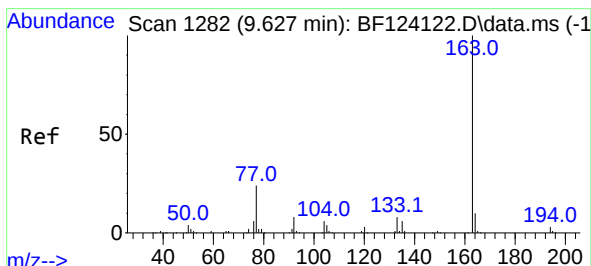
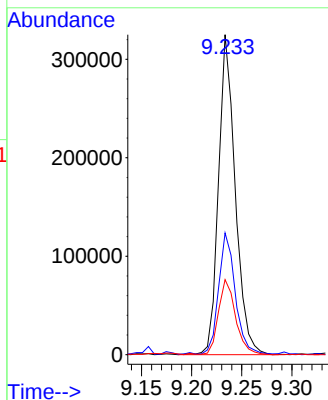
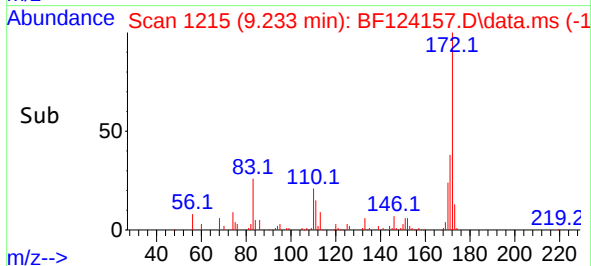
Instrument :
BNA_F
ClientSampleId :
39-41



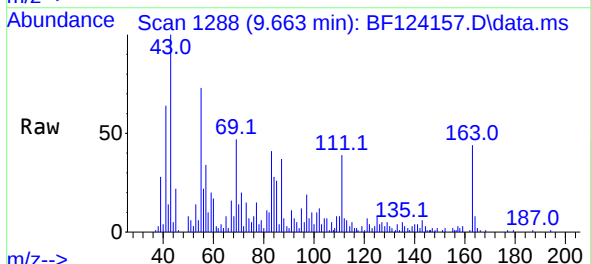
Tgt Ion:172 Resp: 376532
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 23.5 19.2 28.8

Manual Integrations
APPROVED

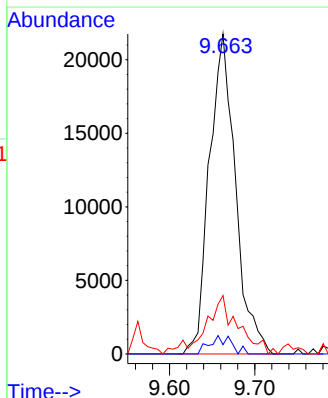
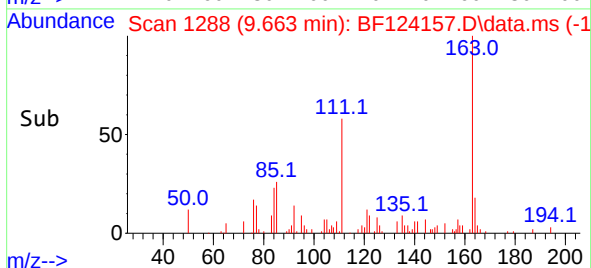
mohammad
6/8/2021 3:36:33 PM

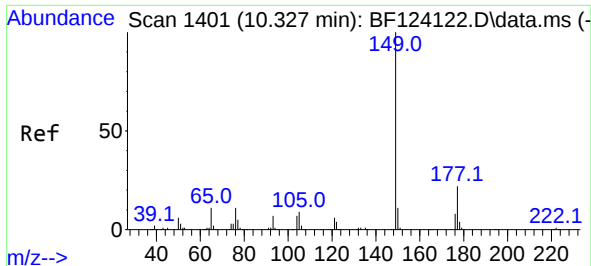


#50
Dimethylphthalate
Concen: 7.190 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.035 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



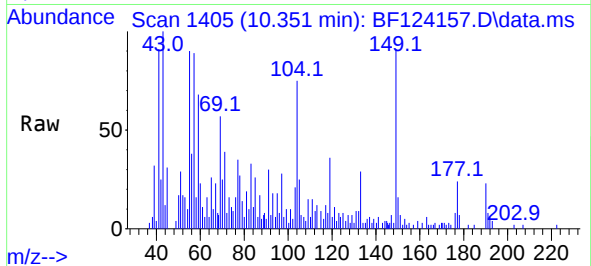
Tgt Ion:163 Resp: 46374
Ion Ratio Lower Upper
163 100
194 2.9 3.1 4.7#
164 18.3 8.2 12.2#





#60
Diethylphthalate
Concen: 3.180 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.029 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

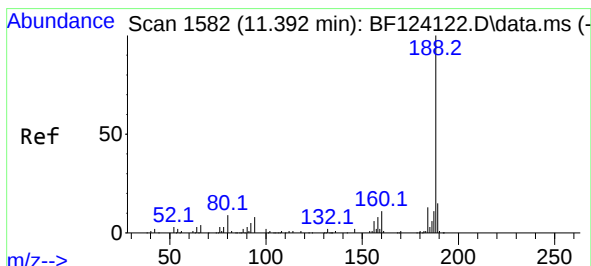
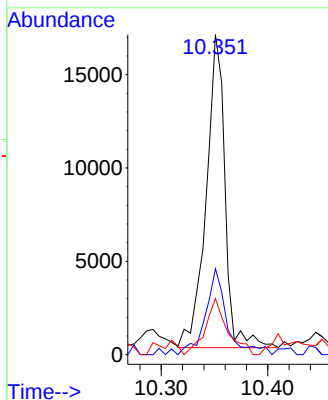
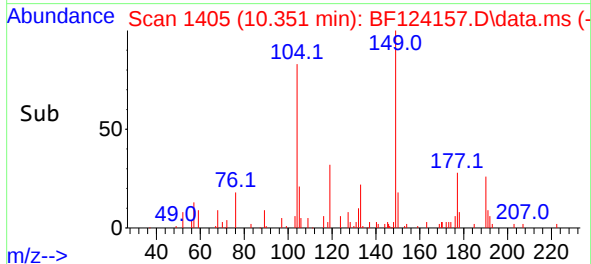
Instrument :
BNA_F
ClientSampleId :
39-41



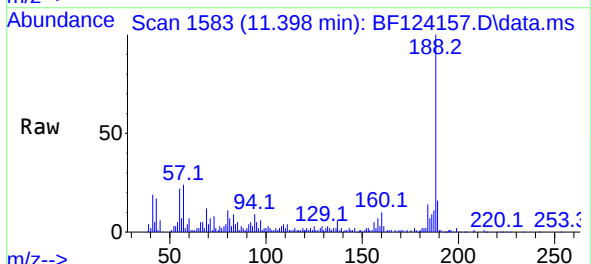
Tgt Ion:149 Resp: 20700
Ion Ratio Lower Upper
149 100
177 26.8 15.4 23.2#
150 17.5 9.9 14.9#

Manual Integrations
APPROVED

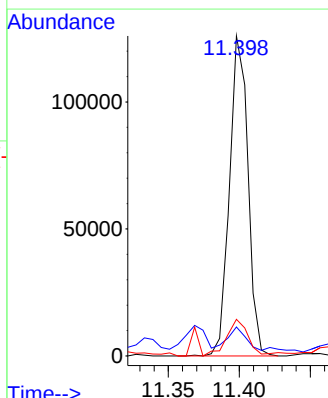
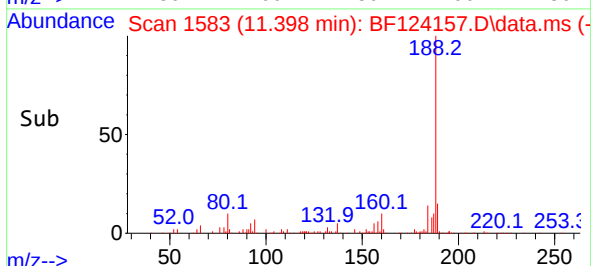
mohammad
6/8/2021 3:36:33 PM

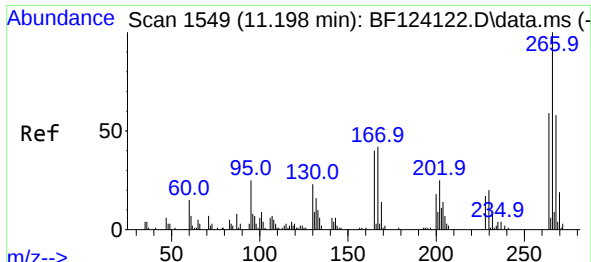


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09



Tgt Ion:188 Resp: 114256
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 11.5 8.2 12.2





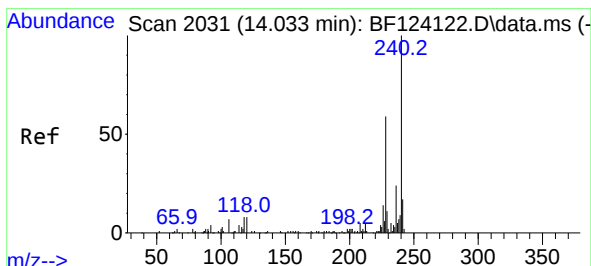
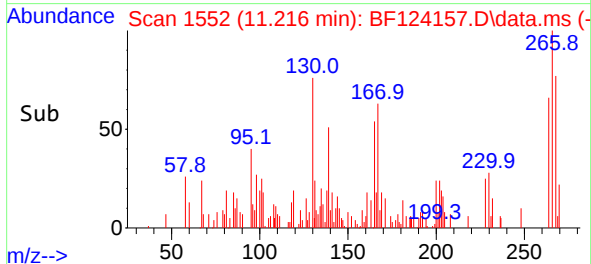
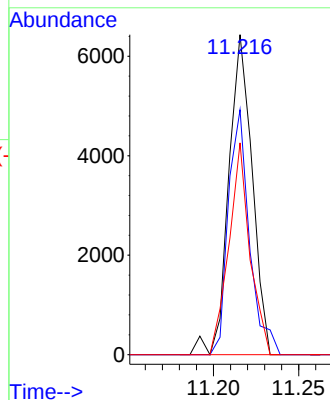
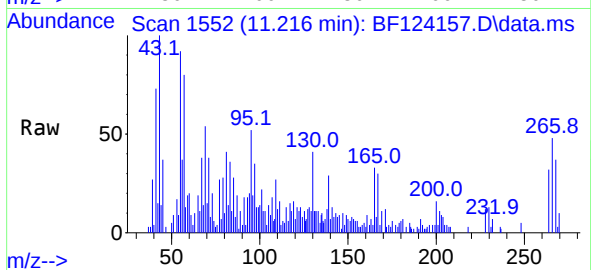
#70
Pentachlorophenol
Concen: 10.830 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.018 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

Tgt Ion:266 Resp: 6128
Ion Ratio Lower Upper
266 100
268 76.5 51.6 77.4
264 66.2 52.6 78.8

Instrument :
BNA_F
ClientSampled :
39-41

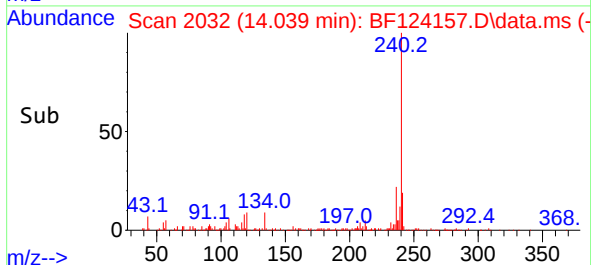
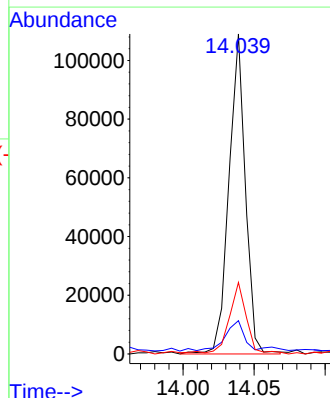
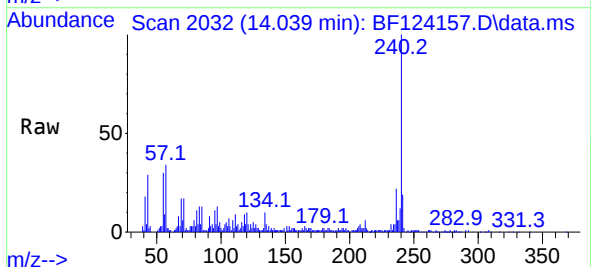
Manual Integrations
APPROVED

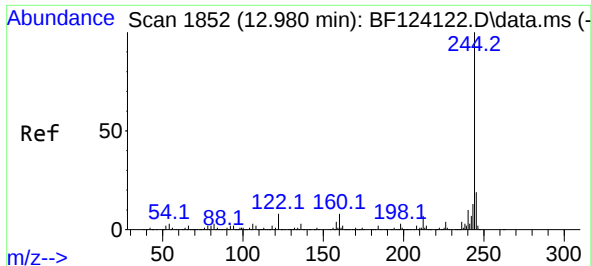
mohammad
6/8/2021 3:36:33 PM



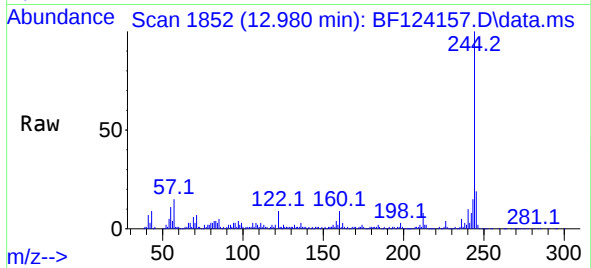
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124157.D
Acq: 7 Jun 2021 15:09

Tgt Ion:240 Resp: 88173
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 22.3 19.0 28.4

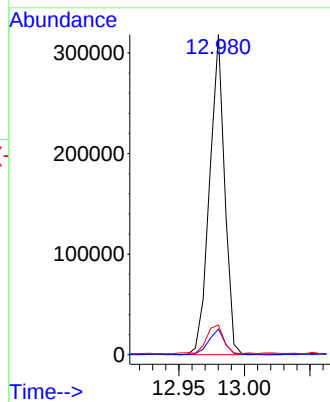
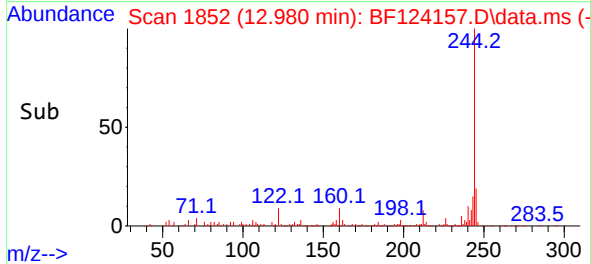




#79
 Terphenyl-d14
 Concen: 39.765 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF124157.D
 Acq: 7 Jun 2021 15:09



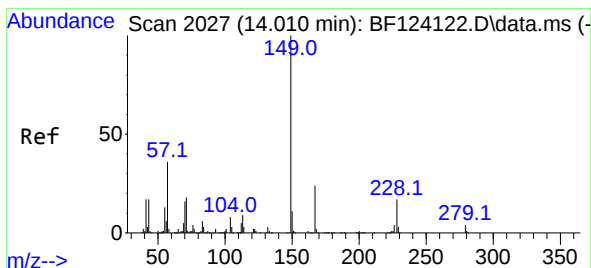
Tgt Ion:244 Resp: 255375
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.2 9.7 14.5#



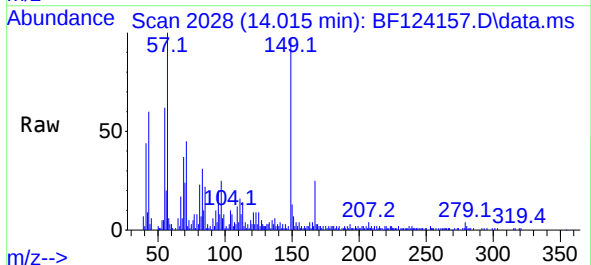
Instrument :
 BNA_F
 ClientSampleId :
 39-41

Manual Integrations
 APPROVED

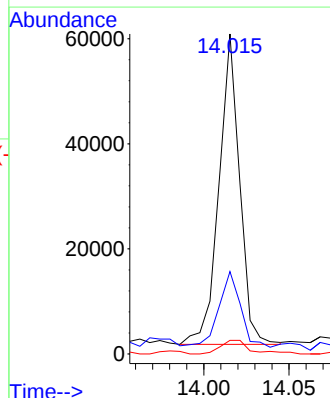
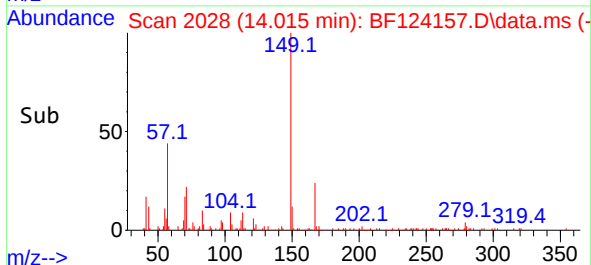
mohammad
 6/8/2021 3:36:33 PM

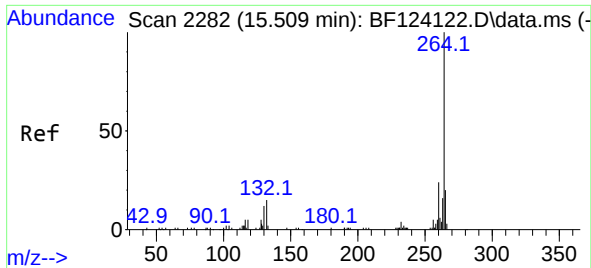


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.206 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: BF124157.D
 Acq: 7 Jun 2021 15:09

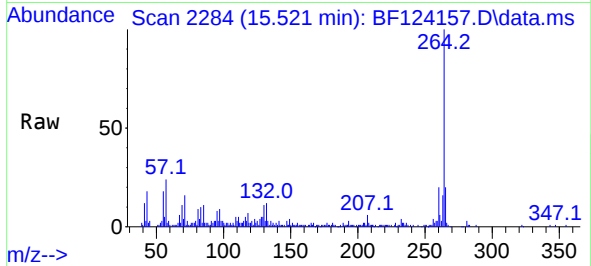


Tgt Ion:149 Resp: 49868
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.8 32.6
 279 4.3 3.3 4.9

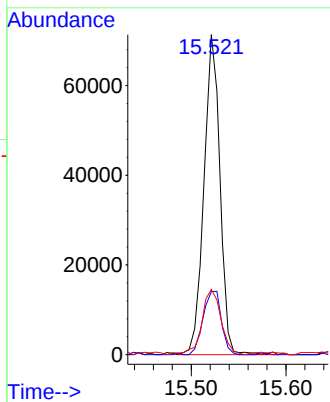
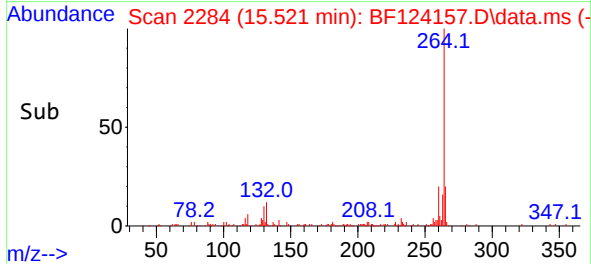




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.012 min
 Lab File: BF124157.D
 Acq: 7 Jun 2021 15:09



Tgt Ion:264 Resp: 83540
 Ion Ratio Lower Upper
 264 100
 260 19.7 18.7 28.1
 265 20.4 17.8 26.8



Instrument :
 BNA_F
 ClientSampleId :
 39-41

Manual Integrations
 APPROVED

mohammad
 6/8/2021 3:36:33 PM