

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123315.D
 Acq On : 26 Feb 2021 21:58
 Operator : JU/CG
 Sample : M1503-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Manual Integrations
 APPROVED

mohammad
 3/1/2021 12:36:52 PM

Quant Time: Feb 26 23:29:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	118498	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	463560	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	253660	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	483360	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	354887	20.00	ng	-0.01
86) Perylene-d12	15.504	264	275048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	808364	98.19	ng	0.00
7) Phenol-d6	6.481	99	1039550	92.95	ng	-0.01
23) Nitrobenzene-d5	7.410	82	703736	69.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	259464	100.45	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	1091331	61.80	ng	-0.01
79) Terphenyl-d14	12.974	244	1180970	63.99	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.492	94	44885	3.68	ng	100
31) Naphthalene	8.157	128	413102	16.26	ng	96
37) 2-Methylnaphthalene	8.851	142	444611	26.27	ng	99
38) 1-Methylnaphthalene	8.945	142	214899	13.58	ng	100
50) Dimethylphthalate	9.604	163	69194	3.65	ng	99
71) Phenanthrene	11.404	178	237543	8.31	ng	98
75) Fluoranthene	12.598	202	381488	12.59	ng	98
78) Pyrene	12.827	202	391092	14.12	ng	99
81) Benzo(a)anthracene	14.021	228	152599	6.33	ng	99
83) Chrysene	14.057	228	149170m	6.30	ng	
87) Indeno(1,2,3-cd)pyrene	16.968	276	65583	3.45	ng	98
88) Benzo(b)fluoranthene	15.074	252	159455m	8.25	ng	
89) Benzo(k)fluoranthene	15.098	252	42804m	2.44	ng	
90) Benzo(a)pyrene	15.439	252	113179	6.57	ng	98
92) Benzo(g,h,i)perylene	17.415	276	74212	4.94	ng	97

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

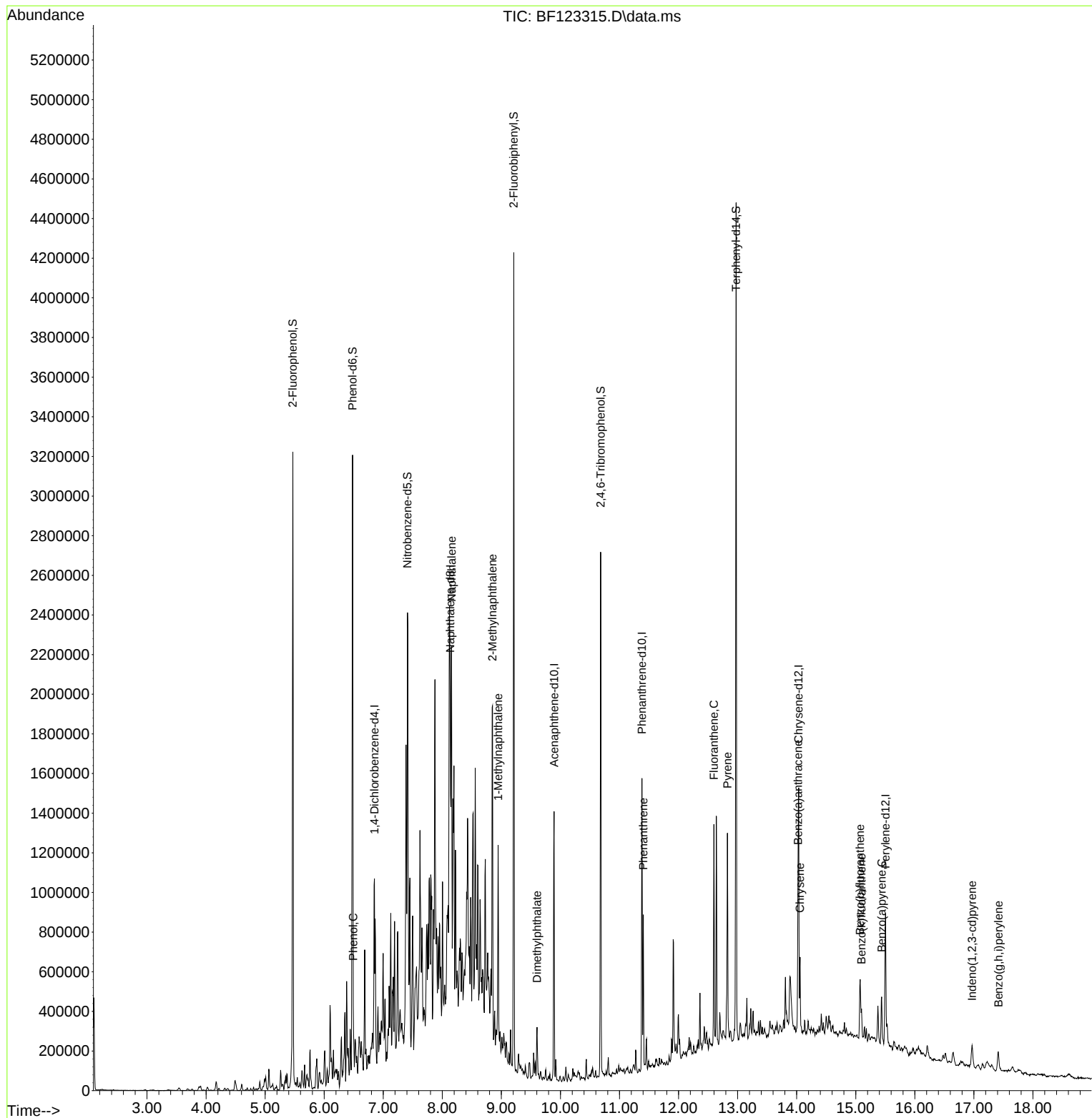
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123315.D
Acq On : 26 Feb 2021 21:58
Operator : JU/CG
Sample : M1503-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

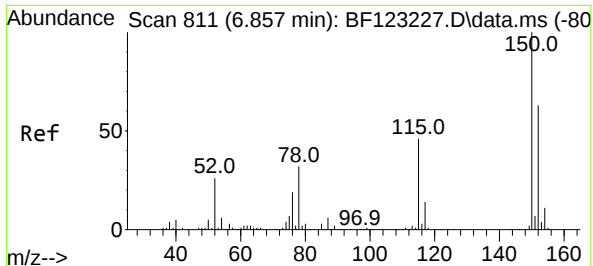
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Manual Integrations
APPROVED

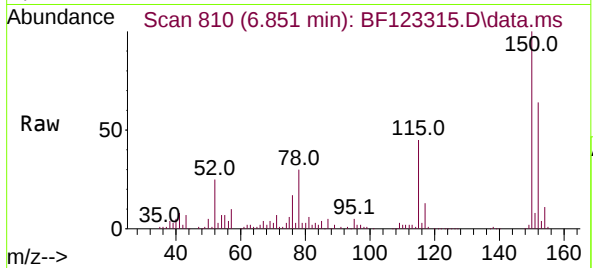
mohammad
3/1/2021 12:36:52 PM

Quant Time: Feb 26 23:29:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

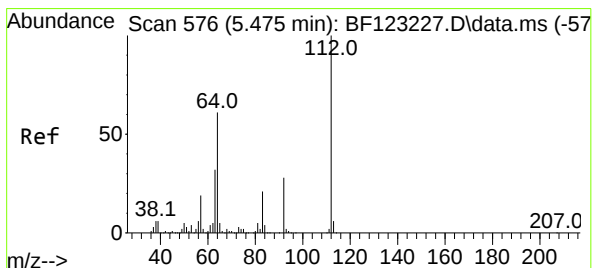
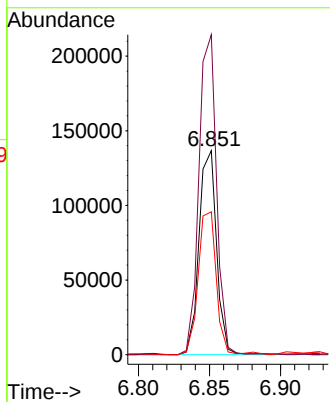
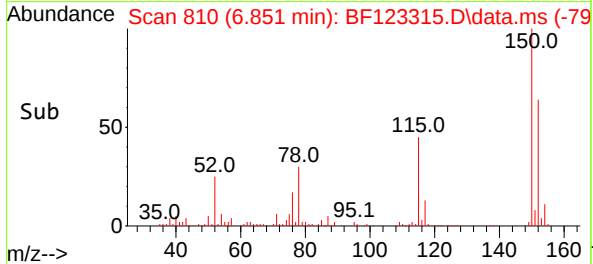




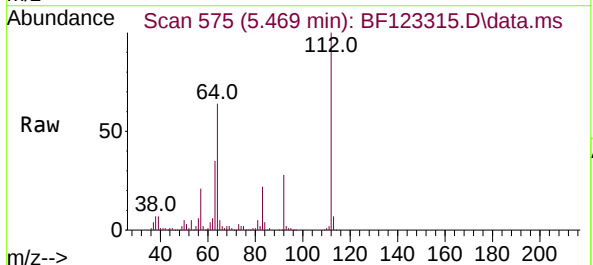
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



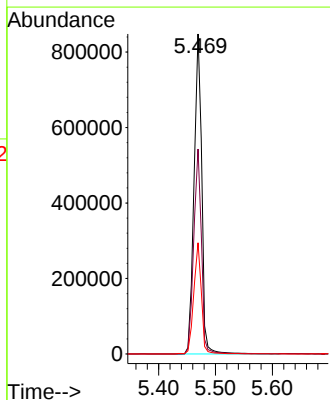
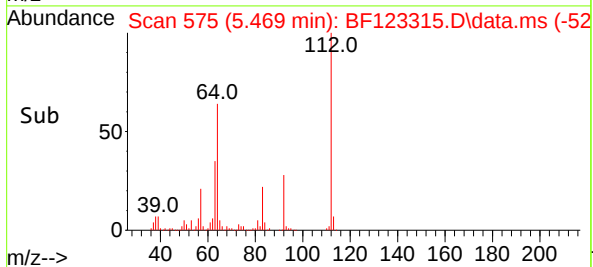
Tgt Ion:152 Resp: 118498
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 70.1 49.3 73.9



#5
2-Fluorophenol
Concen: 98.19 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



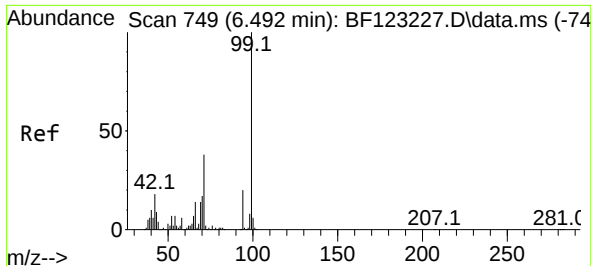
Tgt Ion:112 Resp: 808364
Ion Ratio Lower Upper
112 100
64 64.1 46.9 70.3
63 34.7 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Manual Integrations
APPROVED

mohammad
3/1/2021 12:36:52 PM



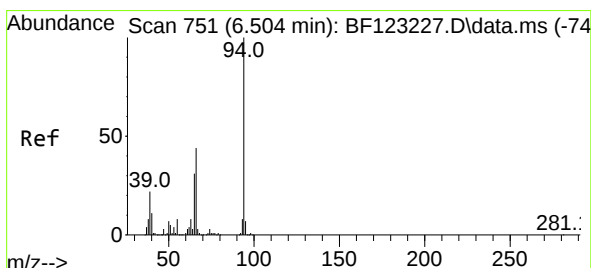
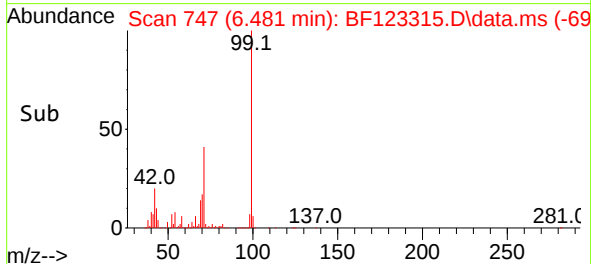
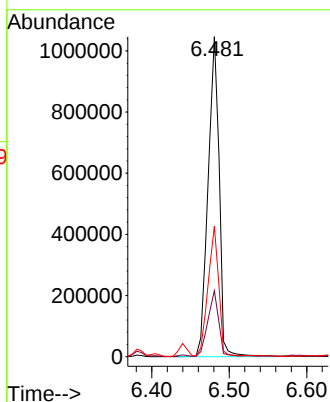
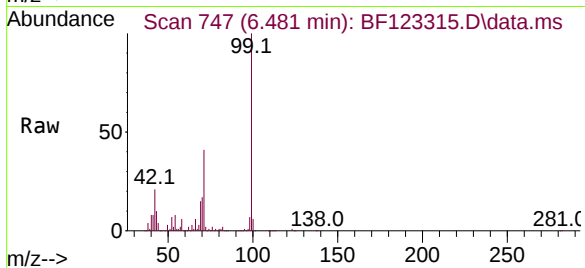
#7
Phenol-d6
Concen: 92.95 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion: 99 Resp: 1039550
Ion Ratio Lower Upper
99 100
42 20.6 13.8 20.6
71 40.8 26.9 40.3#

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

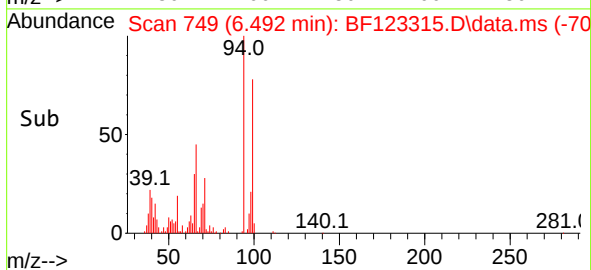
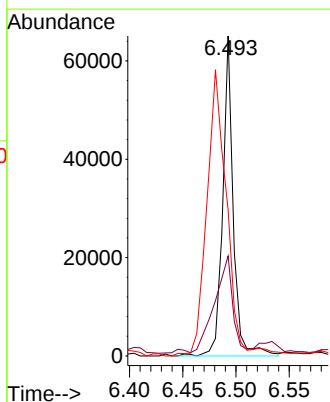
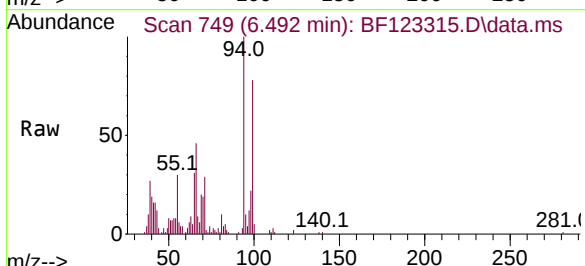
Manual Integrations
APPROVED

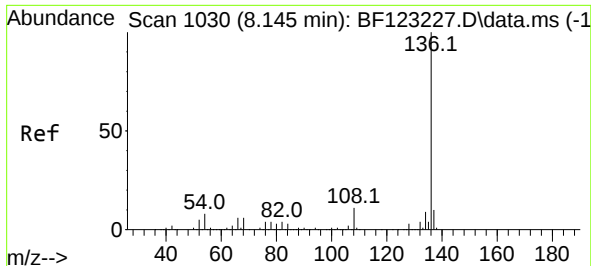
mohammad
3/1/2021 12:36:52 PM



#10
Phenol
Concen: 3.68 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

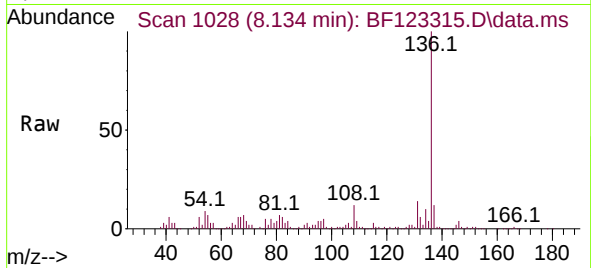
Tgt Ion: 94 Resp: 44885
Ion Ratio Lower Upper
94 100
65 31.3 11.2 51.2
66 45.6 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

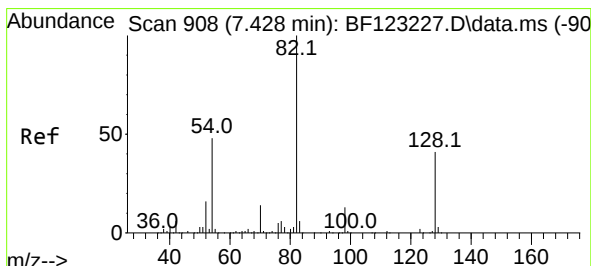
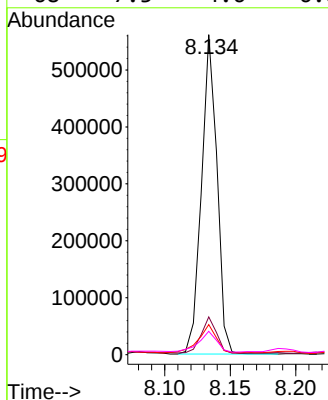
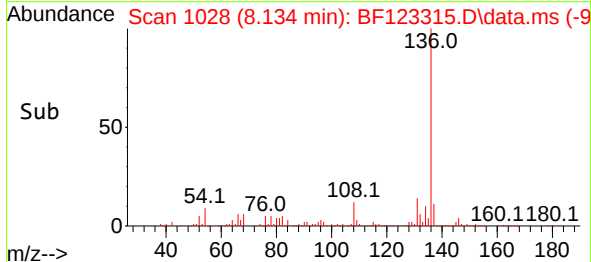
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



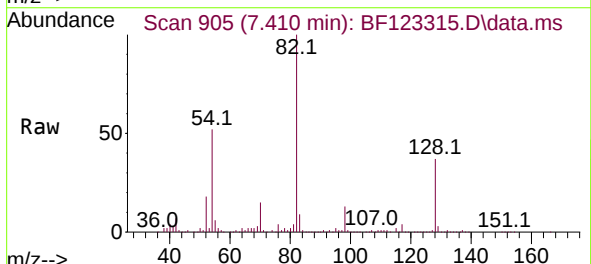
Tgt Ion:136 Resp: 463560
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 9.4 5.5 8.3#
68 7.3 4.6 6.8#

Manual Integrations
APPROVED

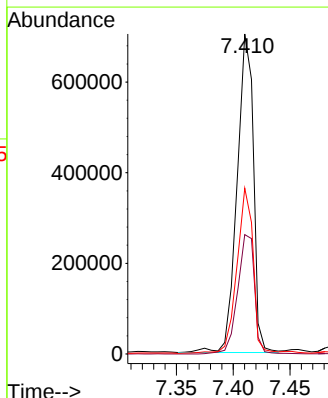
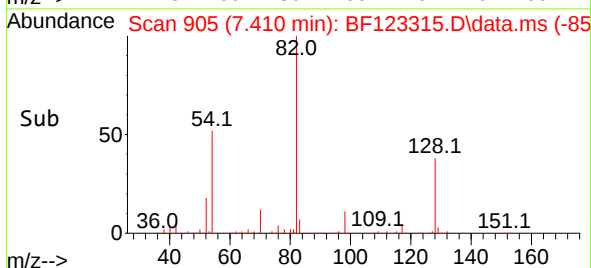
mohammad
3/1/2021 12:36:52 PM

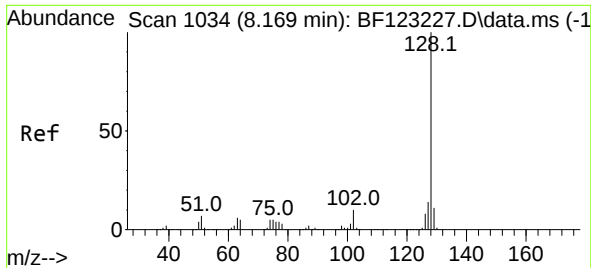


#23
Nitrobenzene-d5
Concen: 69.49 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



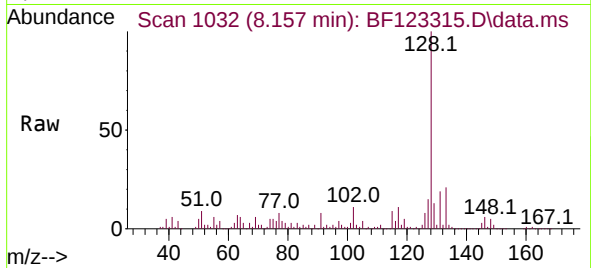
Tgt Ion: 82 Resp: 703736
Ion Ratio Lower Upper
82 100
128 37.3 37.0 55.4
54 51.8 38.4 57.6





#31
Naphthalene
Concen: 16.26 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

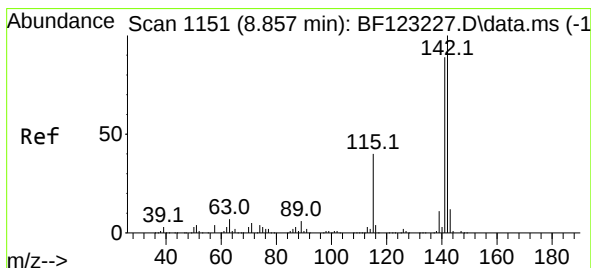
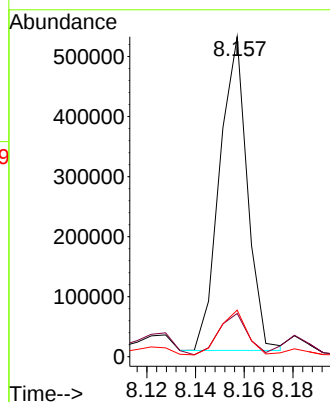
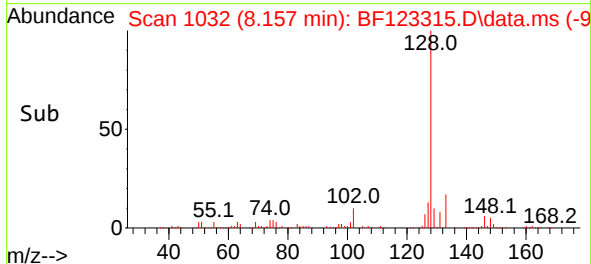
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



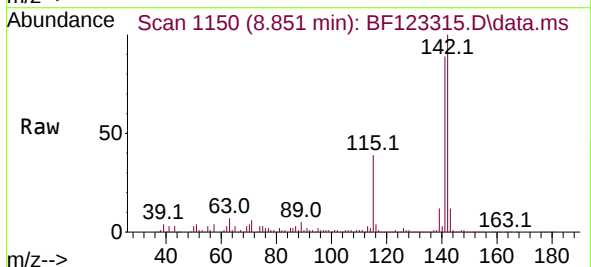
Tgt Ion:128 Resp: 413102
Ion Ratio Lower Upper
128 100
129 13.5 9.0 13.6
127 14.5 10.7 16.1

Manual Integrations
APPROVED

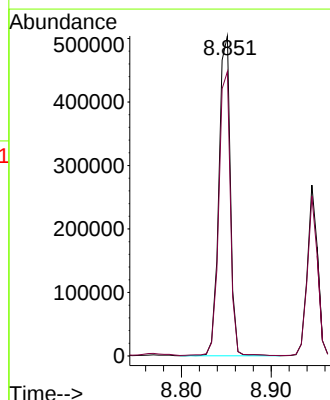
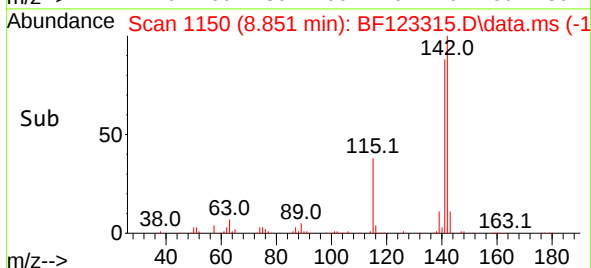
mohammad
3/1/2021 12:36:52 PM

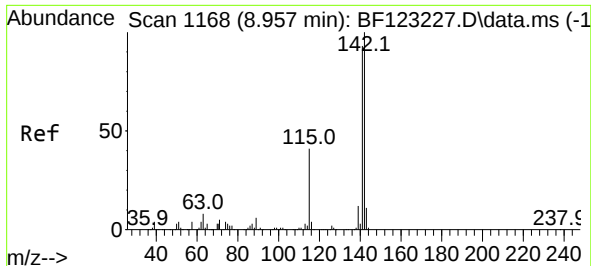


#37
2-Methylnaphthalene
Concen: 26.27 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



Tgt Ion:142 Resp: 444611
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0





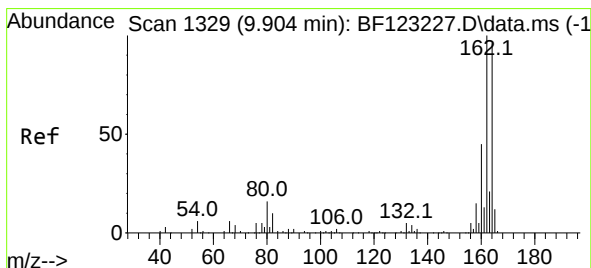
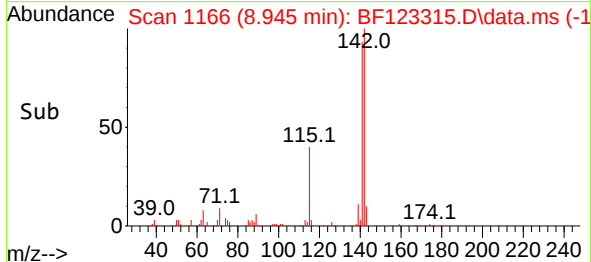
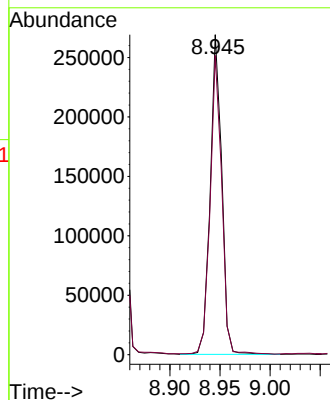
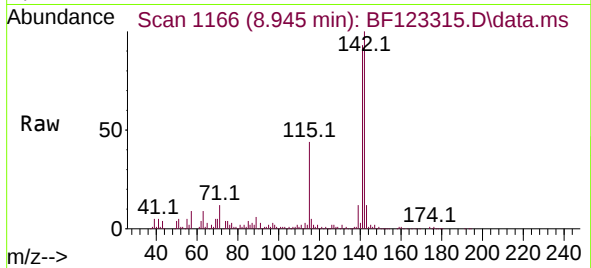
#38
1-Methylnaphthalene
Concen: 13.58 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:142 Resp: 214899
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

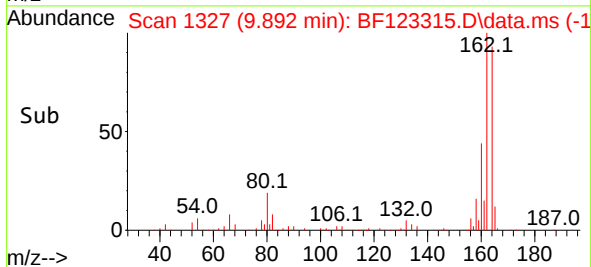
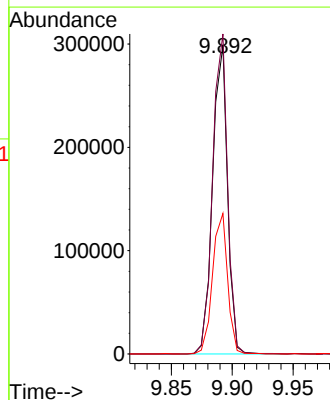
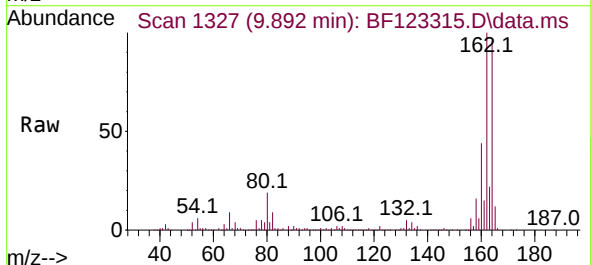
Manual Integrations
APPROVED

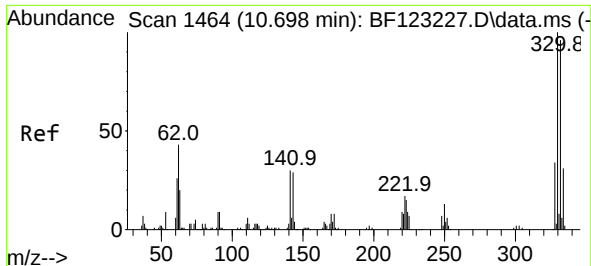
mohammad
3/1/2021 12:36:52 PM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

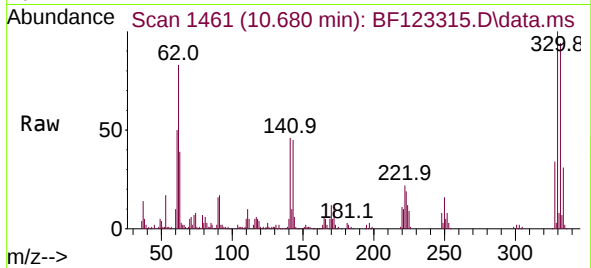
Tgt Ion:164 Resp: 253660
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.6 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 100.45 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

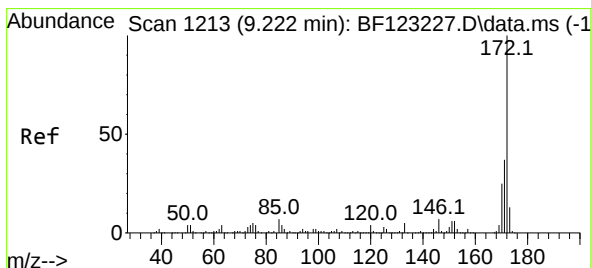
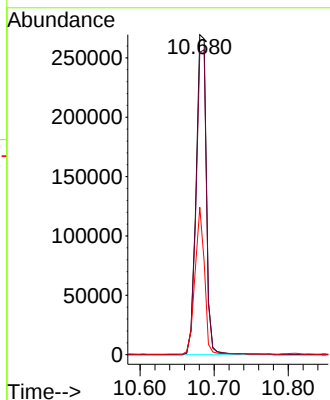
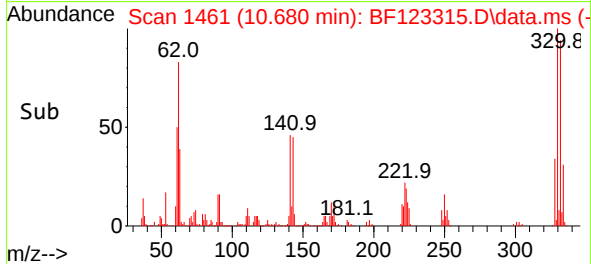
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



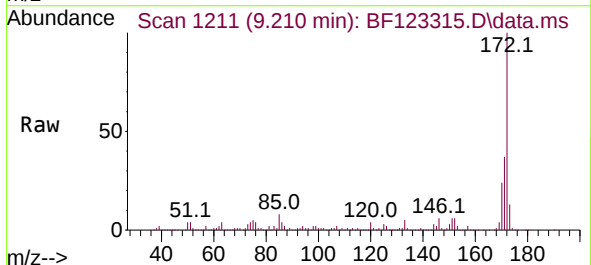
Tgt Ion: 330 Resp: 259464
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 42.0 23.8 35.8#

Manual Integrations
APPROVED

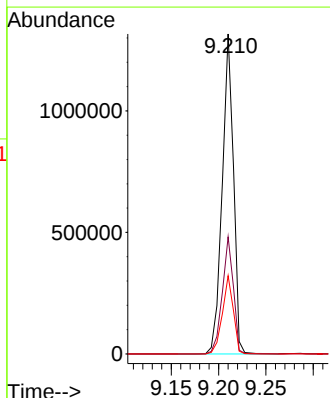
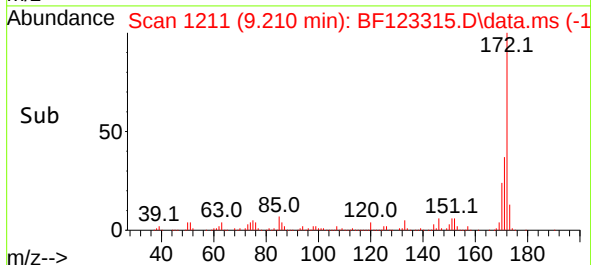
mohammad
3/1/2021 12:36:52 PM

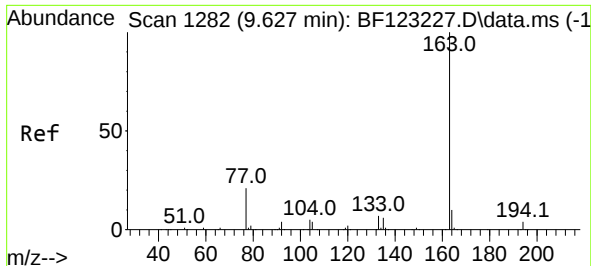


#45
2-Fluorobiphenyl
Concen: 61.80 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



Tgt Ion: 172 Resp: 1091331
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.5 29.3





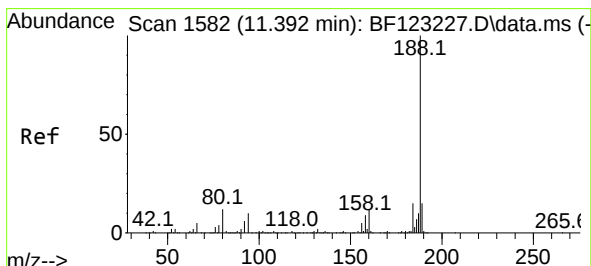
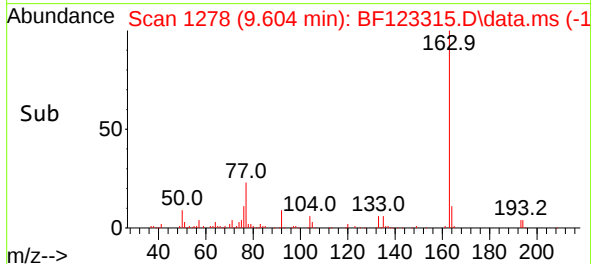
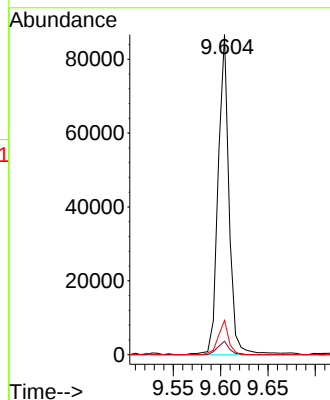
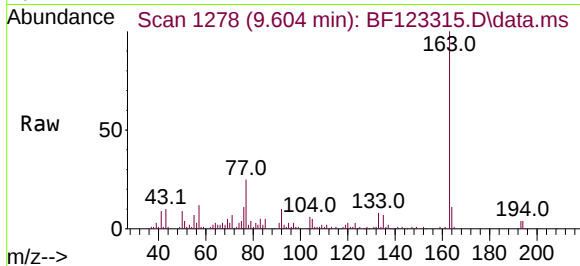
#50
Dimethylphthalate
Concen: 3.65 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:163 Resp: 69194
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.7 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

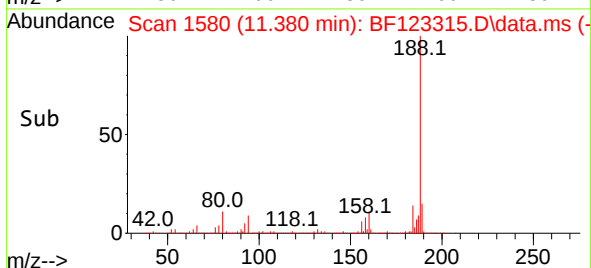
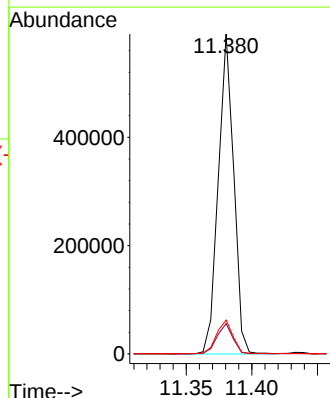
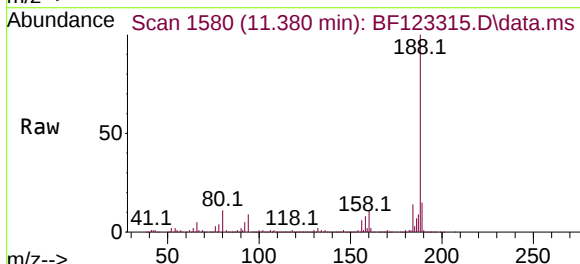
Manual Integrations
APPROVED

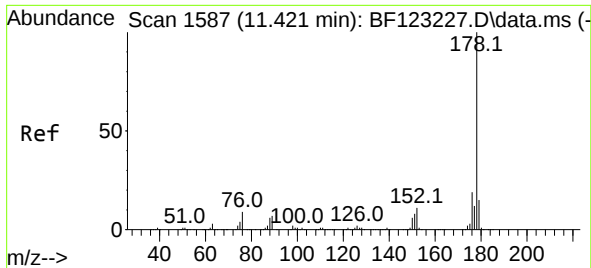
mohammad
3/1/2021 12:36:52 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

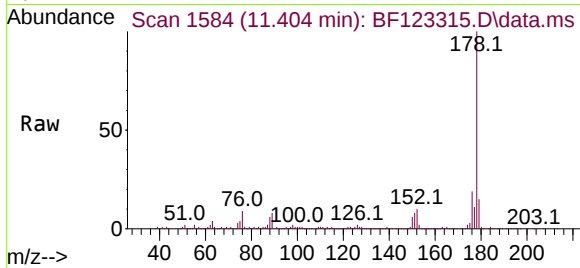
Tgt Ion:188 Resp: 483360
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.6 8.2 12.4





#71
Phenanthrene
Concen: 8.31 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

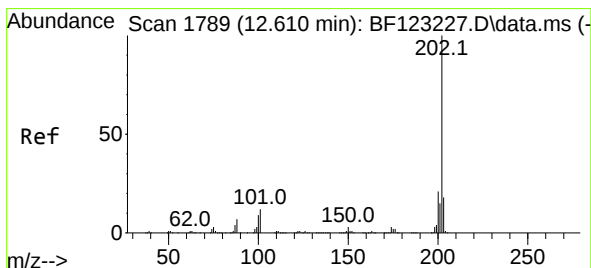
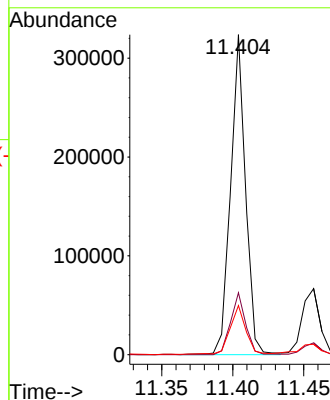
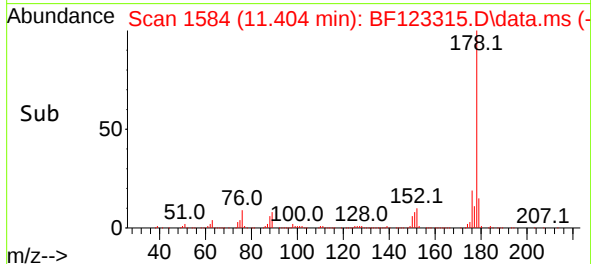
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



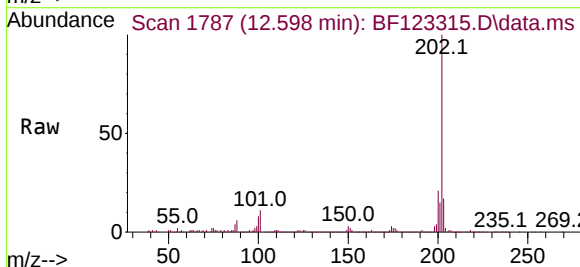
Tgt Ion:178 Resp: 237543
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.4 12.7 19.1

Manual Integrations
APPROVED

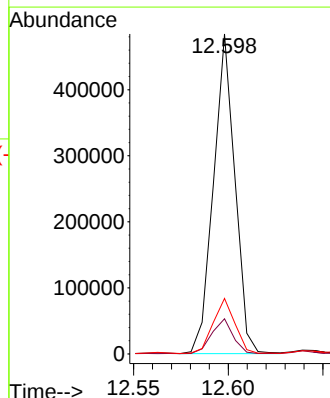
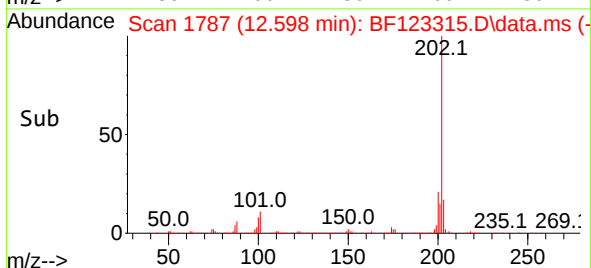
mohammad
3/1/2021 12:36:52 PM

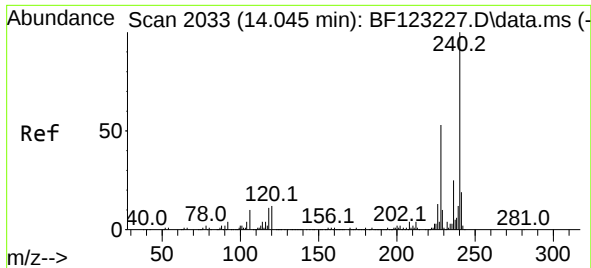


#75
Fluoranthene
Concen: 12.59 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



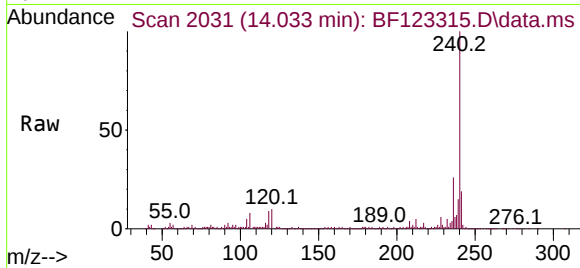
Tgt Ion:202 Resp: 381488
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 17.4 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

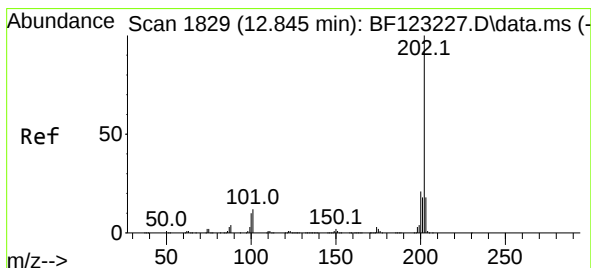
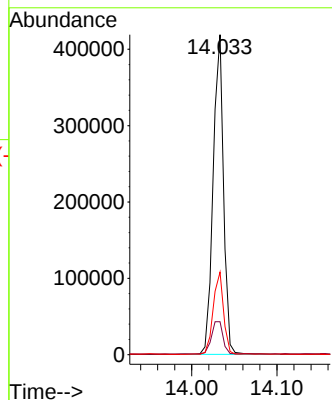
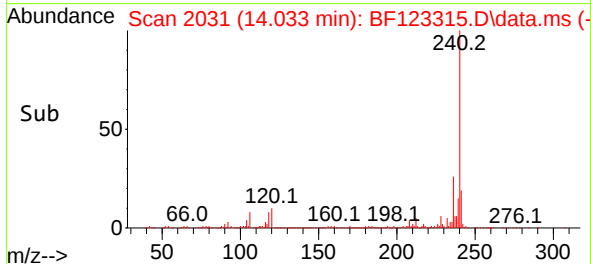
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



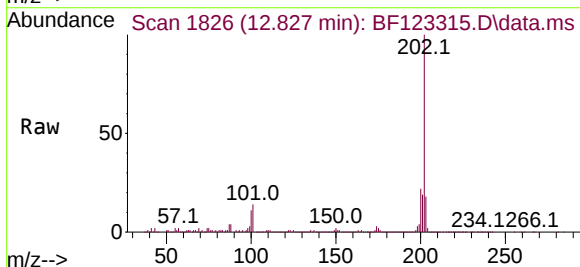
Tgt Ion:240 Resp: 354887
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.8 20.3 30.5

Manual Integrations
APPROVED

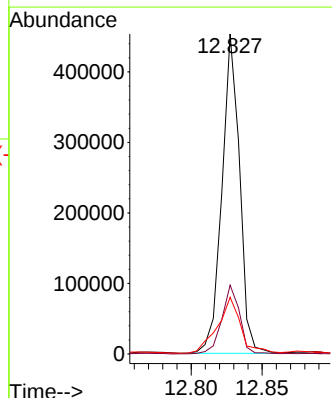
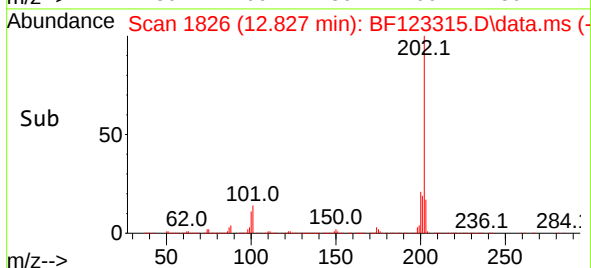
mohammad
3/1/2021 12:36:52 PM

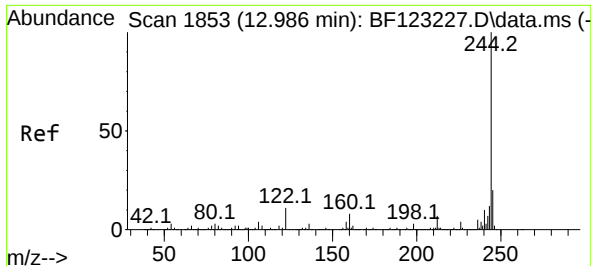


#78
Pyrene
Concen: 14.12 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



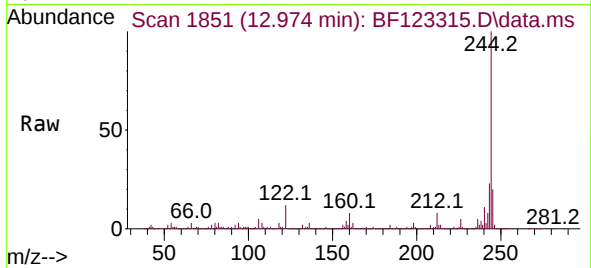
Tgt Ion:202 Resp: 391092
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 63.99 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

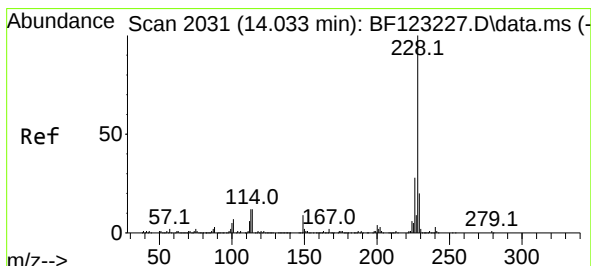
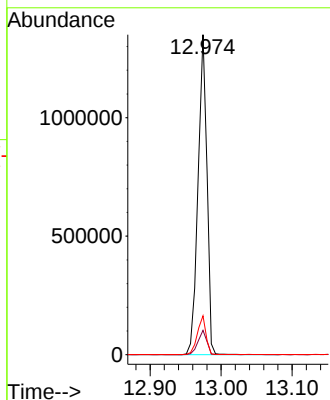
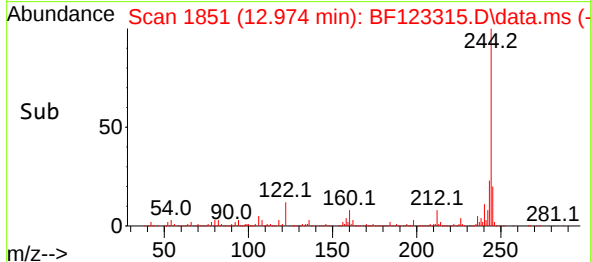
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE



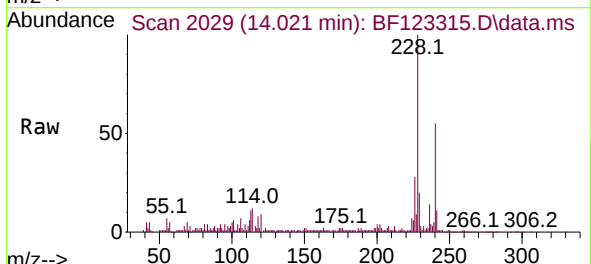
Tgt Ion:244 Resp: 1180970
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.1 8.3 12.5

Manual Integrations
APPROVED

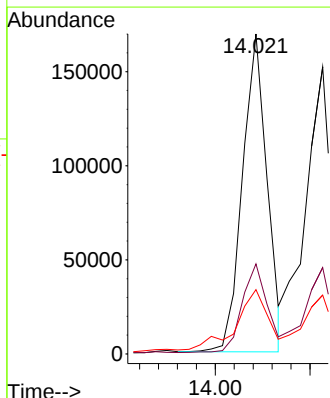
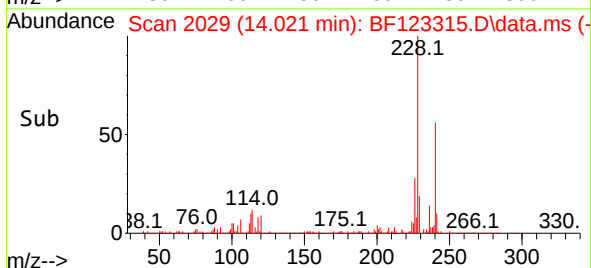
mohammad
3/1/2021 12:36:52 PM

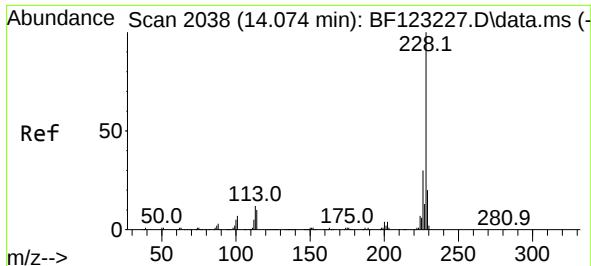


#81
Benzo(a)anthracene
Concen: 6.33 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58



Tgt Ion:228 Resp: 152599
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 20.1 16.6 24.8





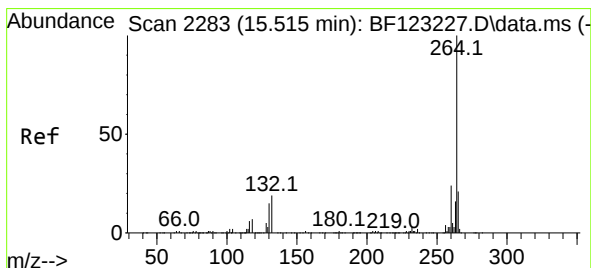
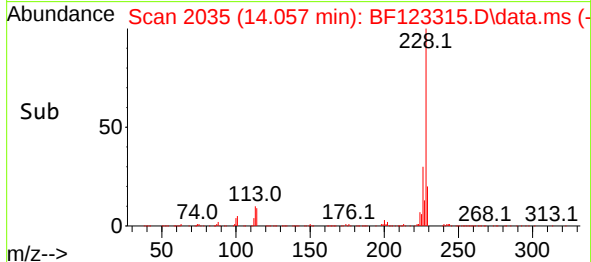
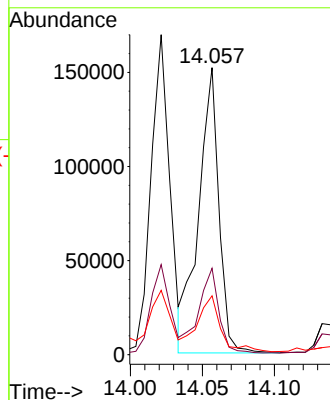
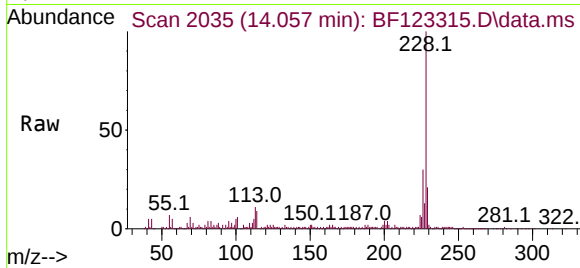
#83
Chrysene
Concen: 6.30 ng m
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:228 Resp: 149170
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 20.5 15.8 23.6

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

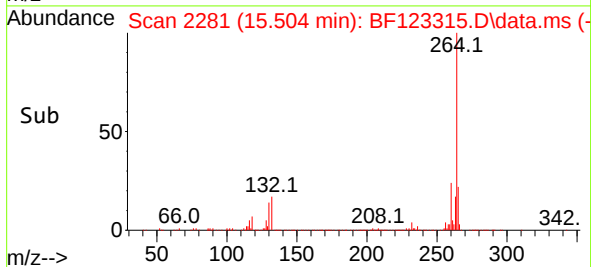
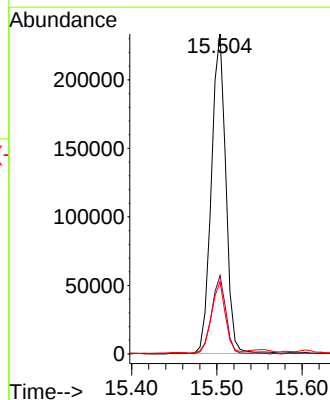
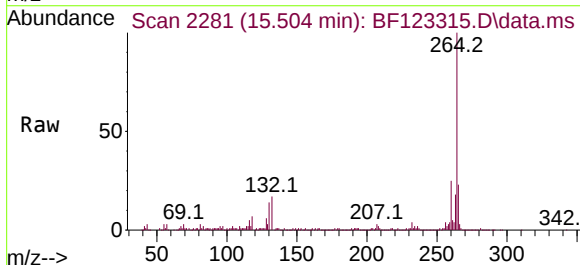
Manual Integrations
APPROVED

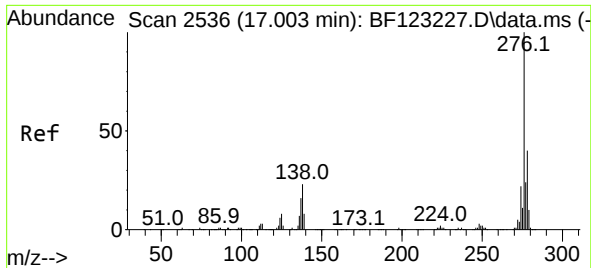
mohammad
3/1/2021 12:36:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:264 Resp: 275048
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.6 17.0 25.6





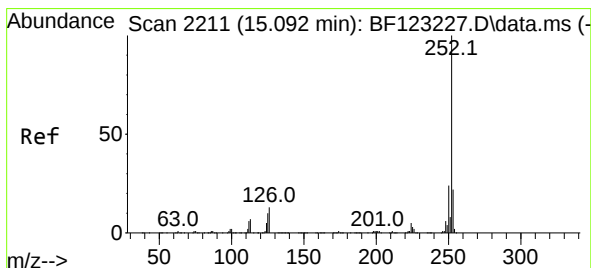
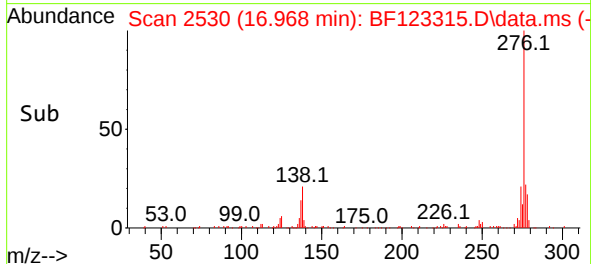
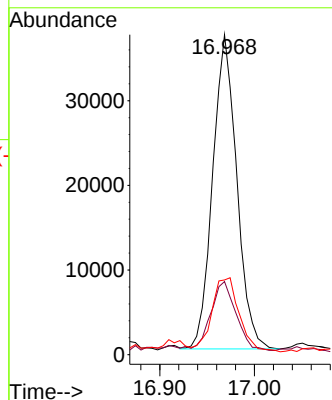
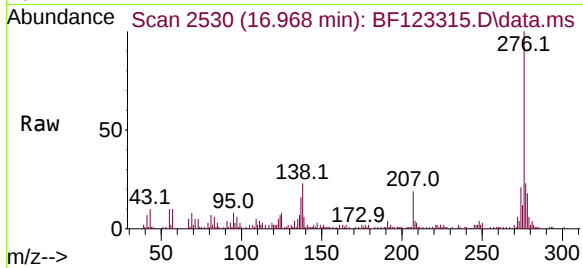
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.45 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.035 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion: 276 Resp: 65583
Ion Ratio Lower Upper
276 100
138 22.8 18.7 28.1
277 26.8 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

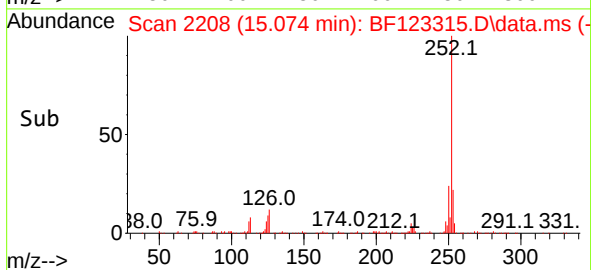
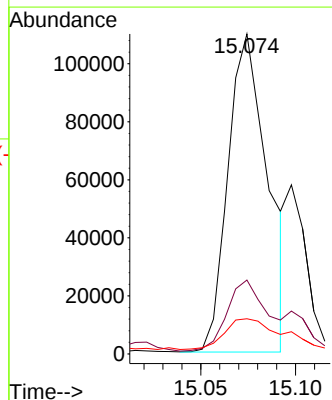
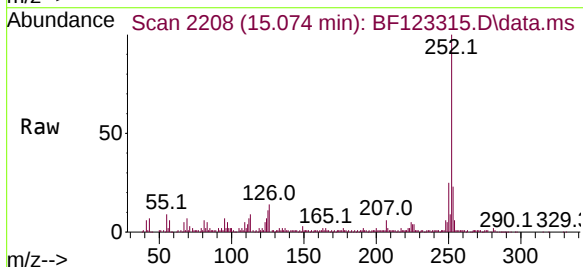
Manual Integrations
APPROVED

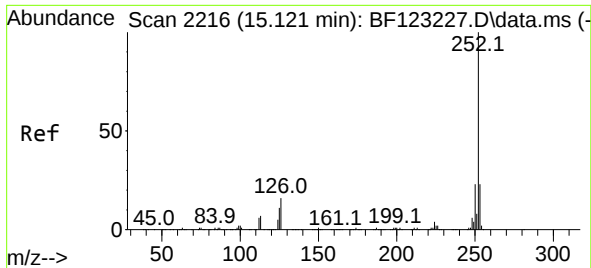
mohammad
3/1/2021 12:36:52 PM



#88
Benzo(b)fluoranthene
Concen: 8.25 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion: 252 Resp: 159455
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 11.0 8.1 12.1





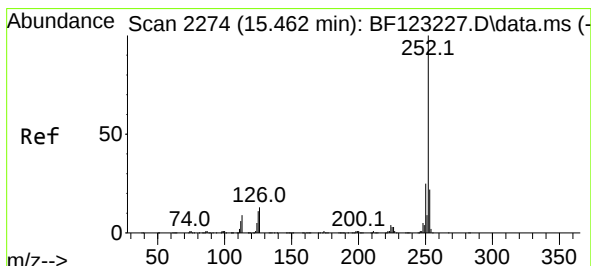
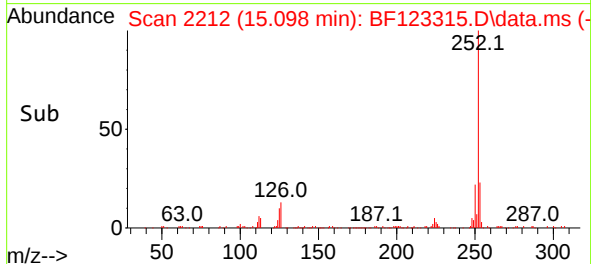
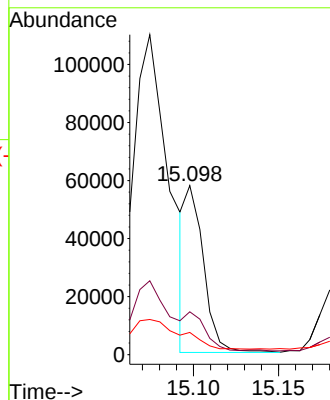
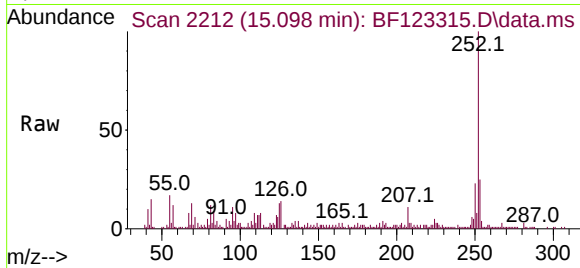
#89
Benzo(k)fluoranthene
Concen: 2.44 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:252 Resp: 42804
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 13.1 8.4 12.6#

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

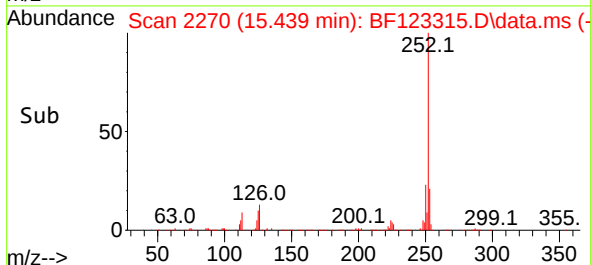
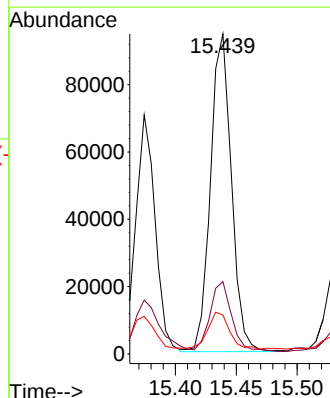
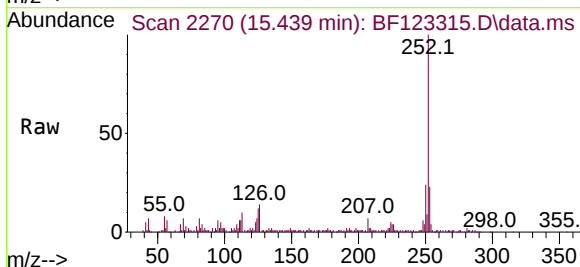
Manual Integrations
APPROVED

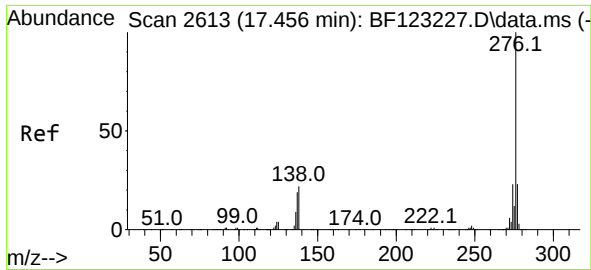
mohammad
3/1/2021 12:36:52 PM



#90
Benzo(a)pyrene
Concen: 6.57 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:252 Resp: 113179
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.2 8.6 12.8





#92
Benzo(g,h,i)perylene
Concen: 4.94 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.041 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.3	28.9
138	20.3	16.6	24.8

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Manual Integrations
APPROVED

mohammad
3/1/2021 12:36:52 PM

