

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124838.D
 Acq On : 28 Jul 2021 20:59
 Operator : JU/CG
 Sample : M3186-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-2-(0-7)

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:43:32 PM

Quant Time: Jul 29 02:11:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6102	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22770	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12931	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	23497	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	13556	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	14443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	35421	98.285	ng	0.00
7) Phenol-d6	6.498	99	44093	97.593	ng	0.00
23) Nitrobenzene-d5	7.433	82	29258	76.476	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	12513	112.704	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	64699	73.487	ng	0.00
79) Terphenyl-d14	12.980	244	63974	80.895	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	3113	2.463	ng	# 97
75) Fluoranthene	12.604	202	4756	3.688	ng	96
78) Pyrene	12.833	202	6024	5.613	ng	99
81) Benzo(a)anthracene	14.021	228	3134	3.537	ng	# 82
83) Chrysene	14.057	228	2604	3.050	ng	93
88) Benzo(b)fluoranthene	15.074	252	3409m	3.352	ng	
90) Benzo(a)pyrene	15.439	252	2949	3.472	ng	# 90
92) Benzo(g,h,i)perylene	17.421	276	1762	2.545	ng	# 66

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

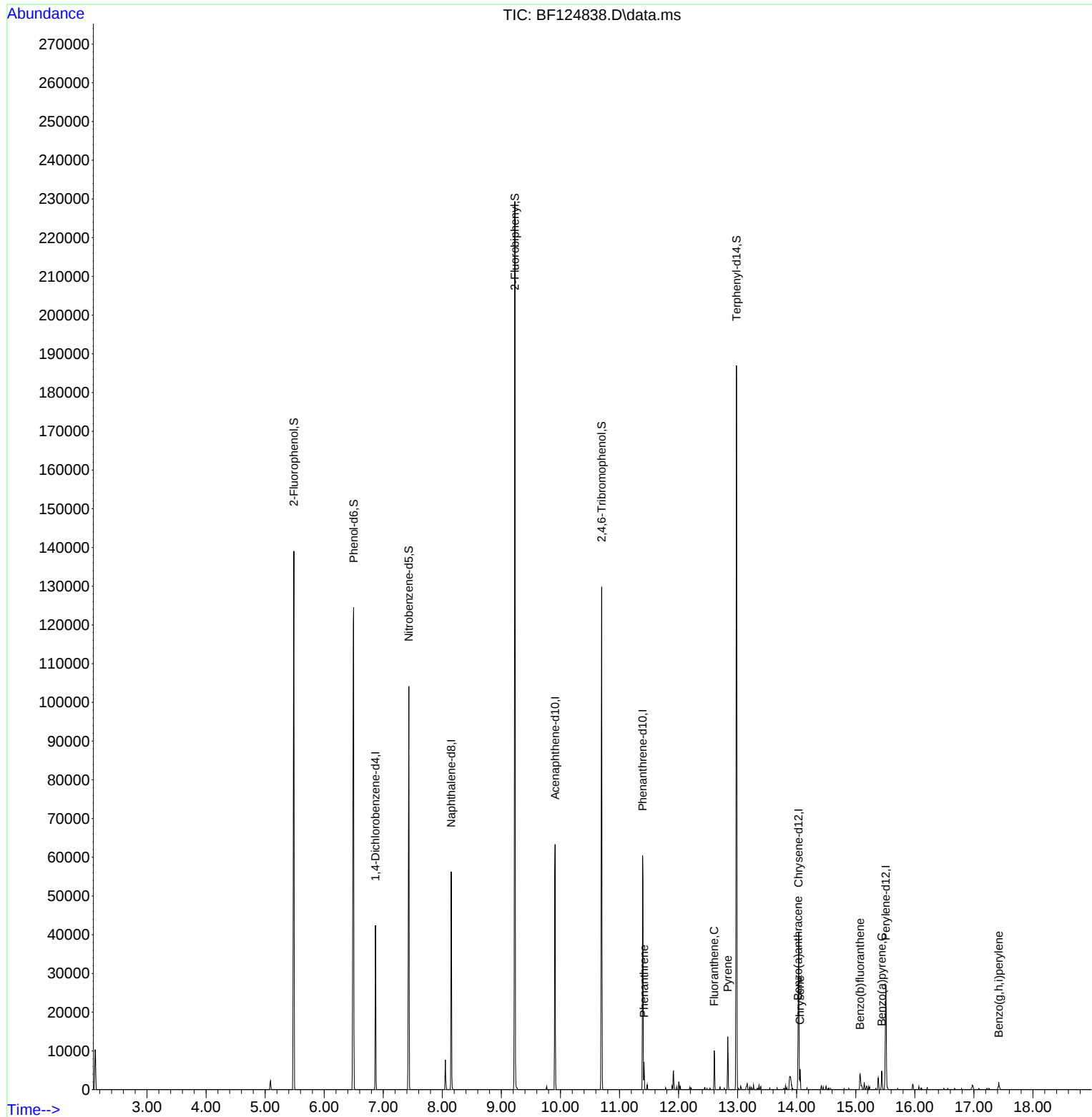
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124838.D
Acq On : 28 Jul 2021 20:59
Operator : JU/CG
Sample : M3186-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

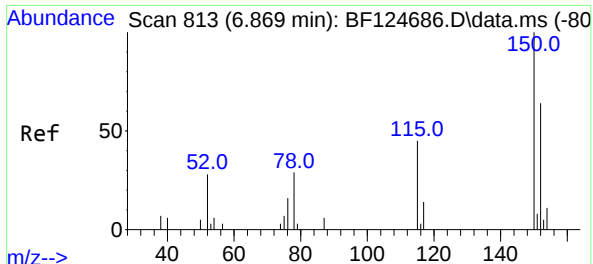
Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:32 PM

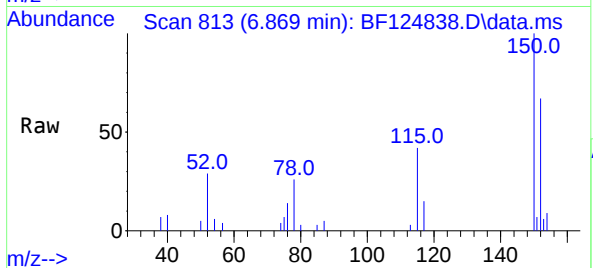
Quant Time: Jul 29 02:11:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

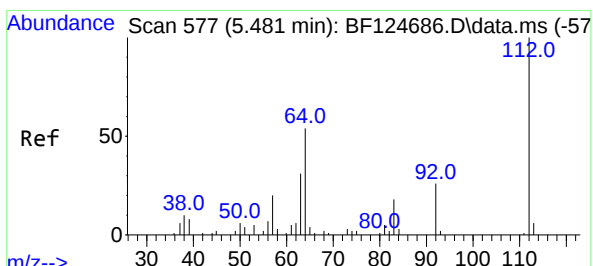
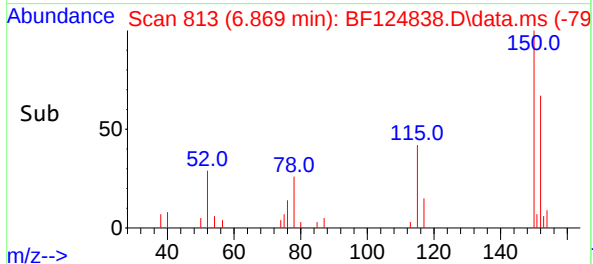
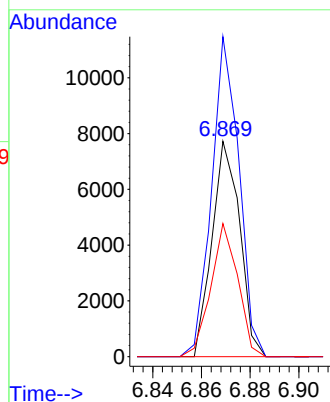
Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)



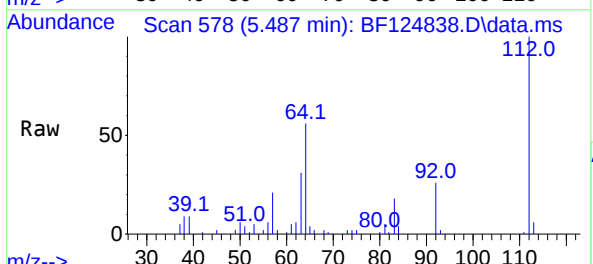
Tgt Ion:152 Resp: 6102
Ion Ratio Lower Upper
152 100
150 148.6 117.6 176.4
115 61.8 47.1 70.7

Manual Integrations
APPROVED

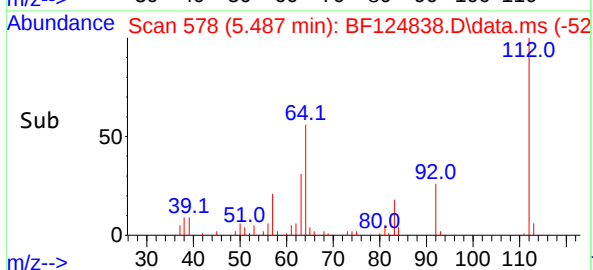
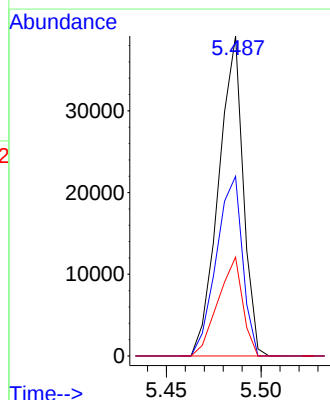
mohammad
7/29/2021 1:43:32 PM



#5
2-Fluorophenol
Concen: 98.285 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



Tgt Ion:112 Resp: 35421
Ion Ratio Lower Upper
112 100
64 56.1 44.2 66.2
63 30.9 26.2 39.2





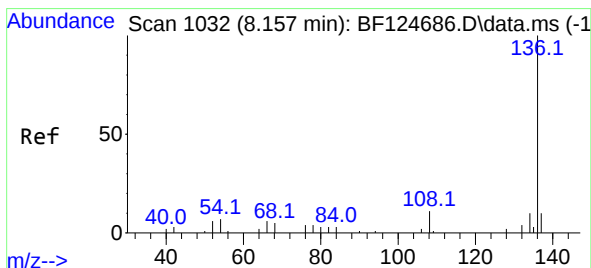
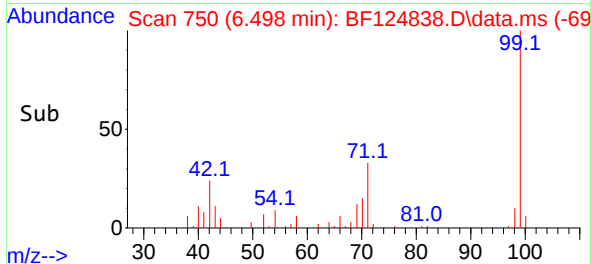
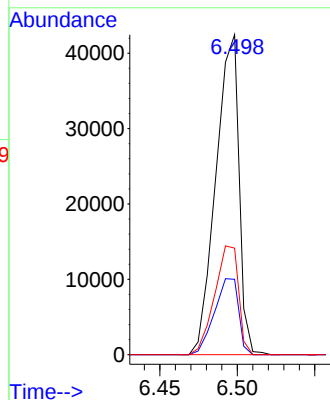
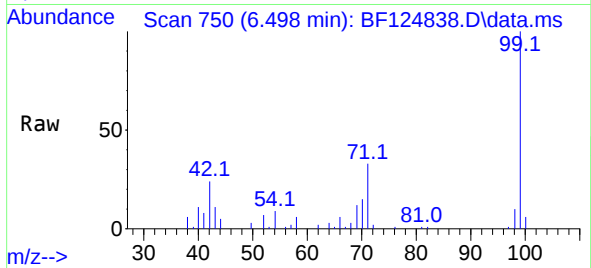
#7
Phenol-d6
Concen: 97.593 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Tgt Ion:	99	Resp:	44093
Ion	Ratio	Lower	Upper
99	100		
42	23.5	23.5	35.3
71	33.3	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)

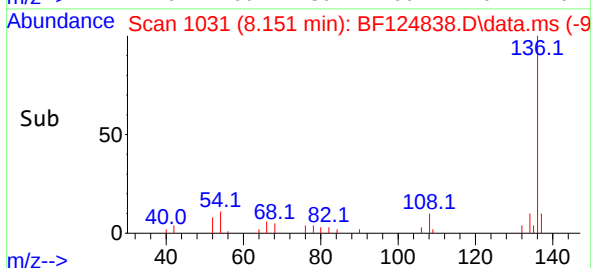
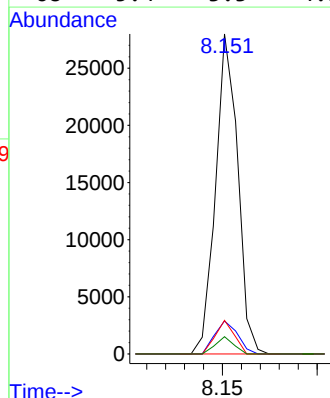
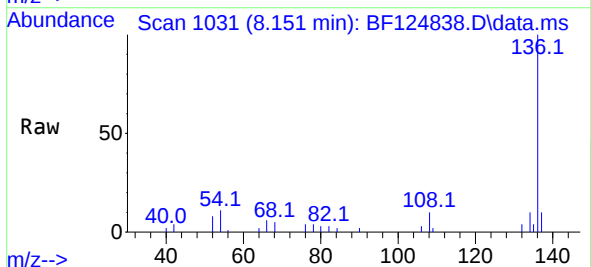
Manual Integrations
APPROVED

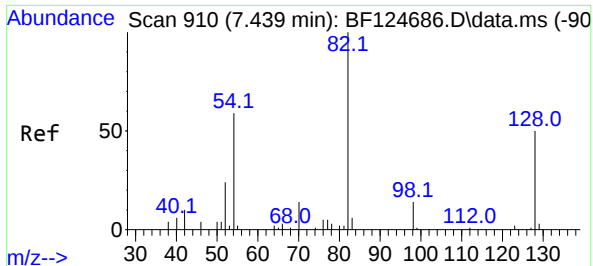
mohammad
7/29/2021 1:43:32 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Tgt Ion:	136	Resp:	22770
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	10.5	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 76.476 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124838.D

Acq: 28 Jul 2021 20:59

Tgt Ion:	82	Resp:	29258
Ion	Ratio	Lower	Upper
82	100		
128	42.8	40.6	60.8
54	52.8	49.6	74.4

Instrument :

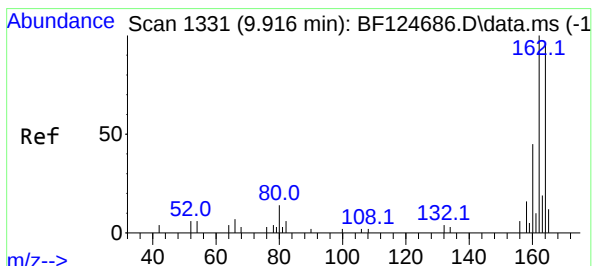
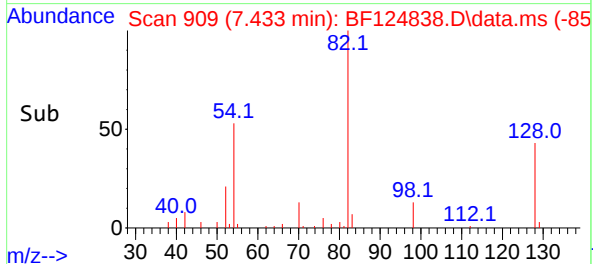
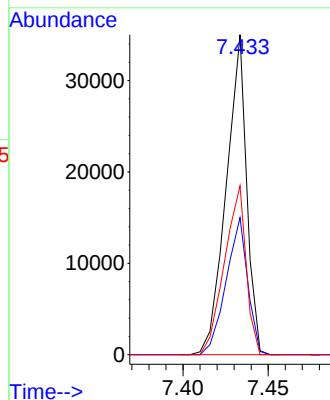
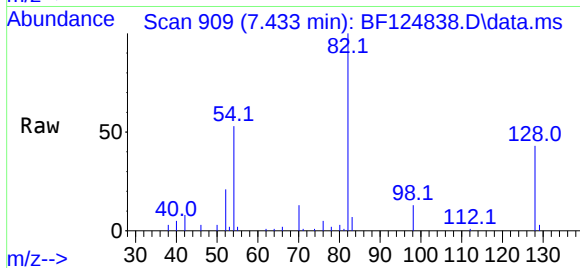
BNA_F

ClientSampleId :

AREA-2-(0-7)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:32 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

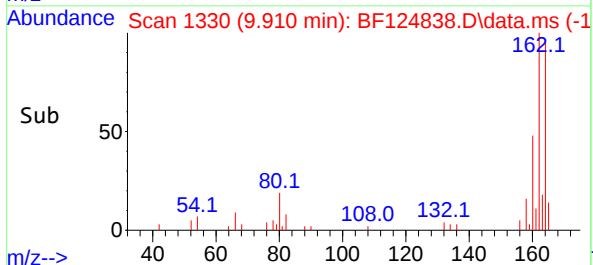
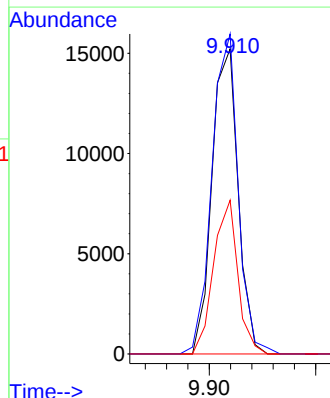
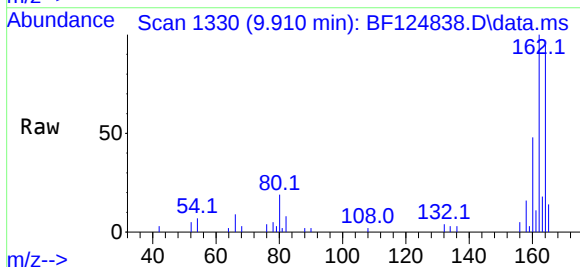
RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124838.D

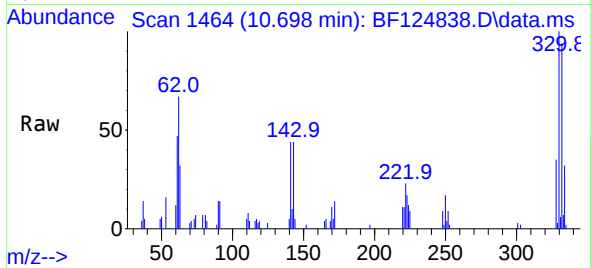
Acq: 28 Jul 2021 20:59

Tgt Ion:	164	Resp:	12931
Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.3	121.9
160	50.4	38.0	57.0

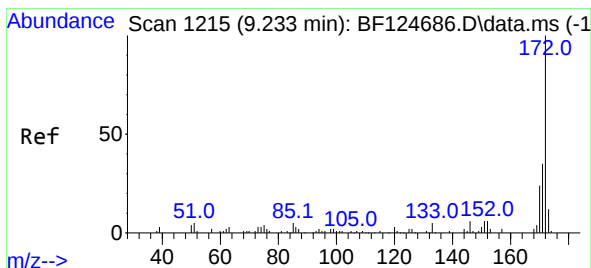
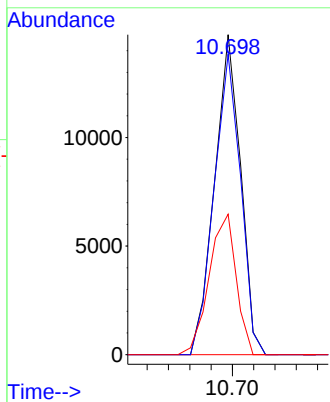
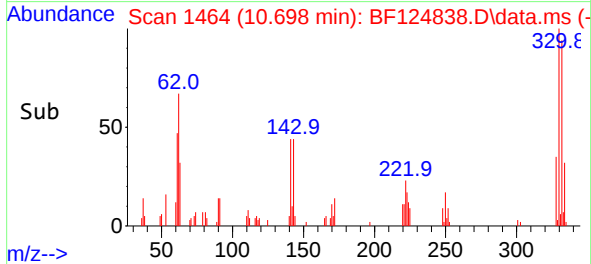




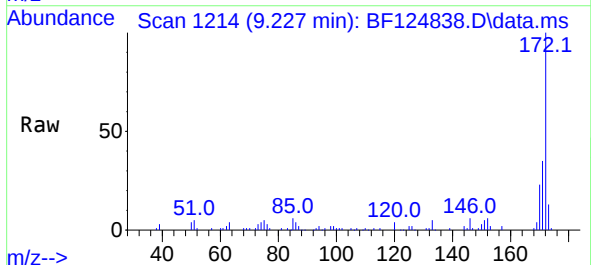
#42
2,4,6-Tribromophenol
Concen: 112.704 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



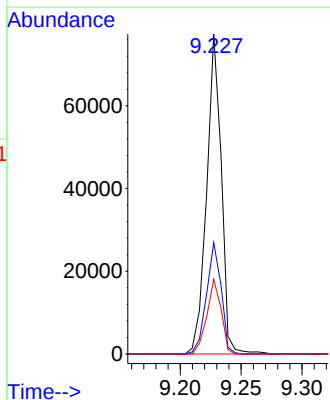
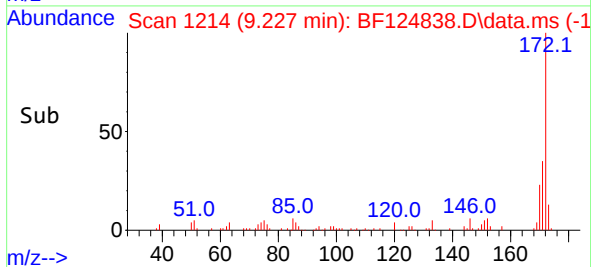
Tgt Ion: 330 Resp: 12513
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 45.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 73.487 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



Tgt Ion: 172 Resp: 64699
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.3 18.8 28.2



Instrument :
BNA_F
ClientSampled :
AREA-2-(0-7)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:32 PM



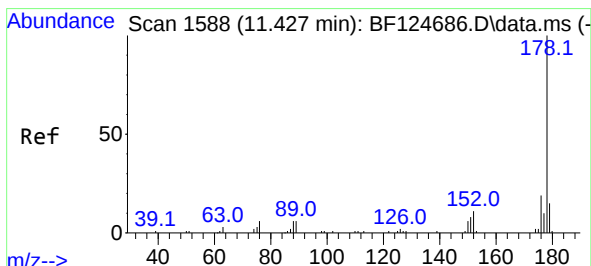
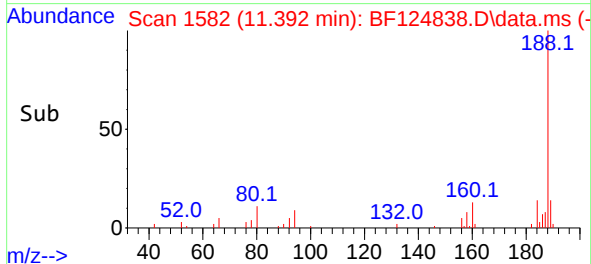
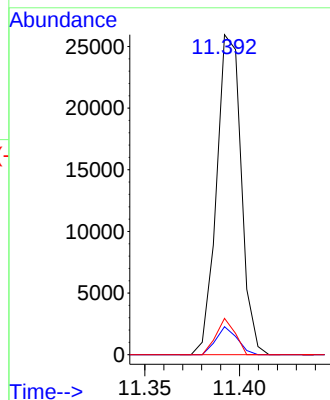
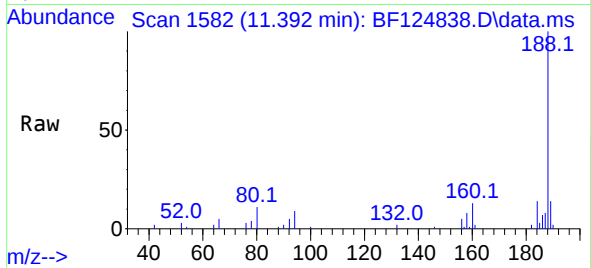
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)

Tgt Ion:188 Resp: 23497
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 11.3 7.5 11.3#

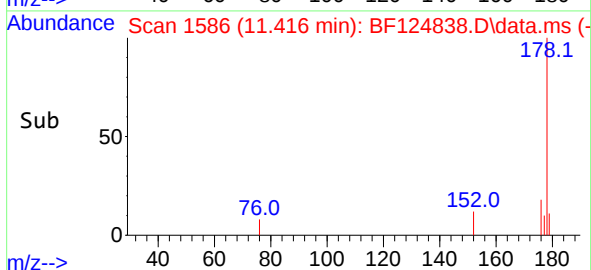
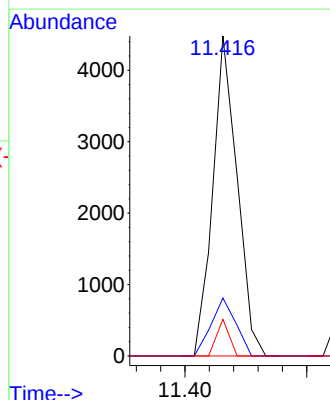
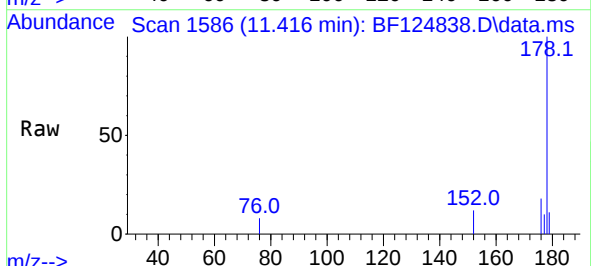
Manual Integrations
APPROVED

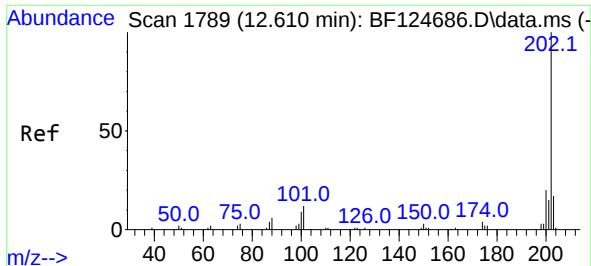
mohammad
7/29/2021 1:43:32 PM



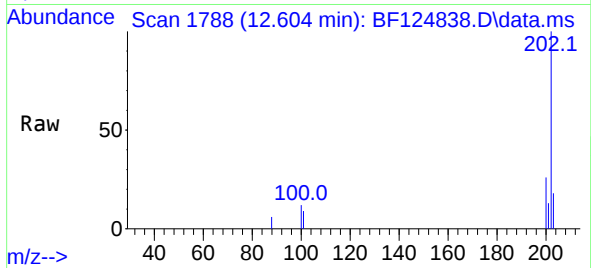
#71
Phenanthrene
Concen: 2.463 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Tgt Ion:178 Resp: 3113
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 11.5 11.5 17.3#



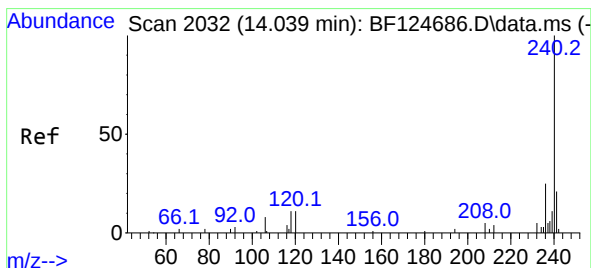
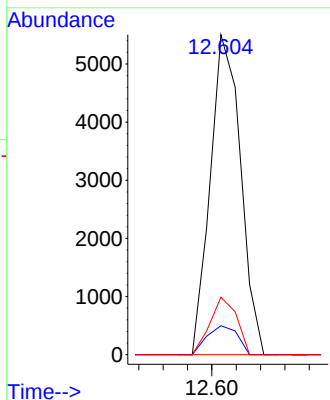
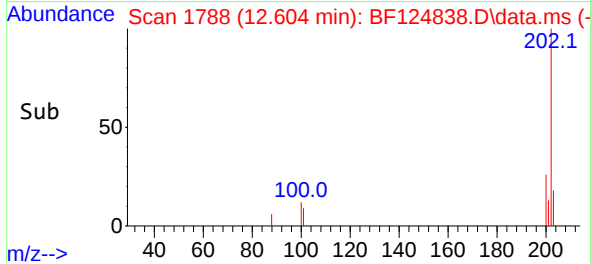


#75
Fluoranthene
Concen: 3.688 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

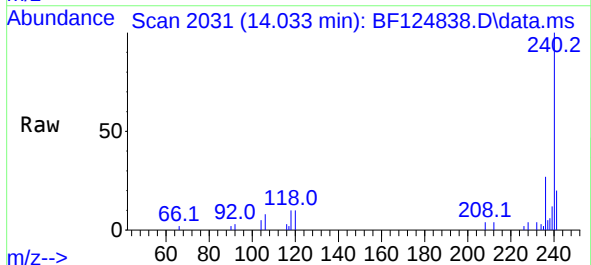


Tgt Ion: 202 Resp: 4756

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	30.7
203	18.0	0.0	36.3

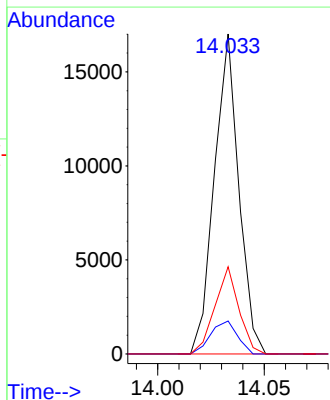
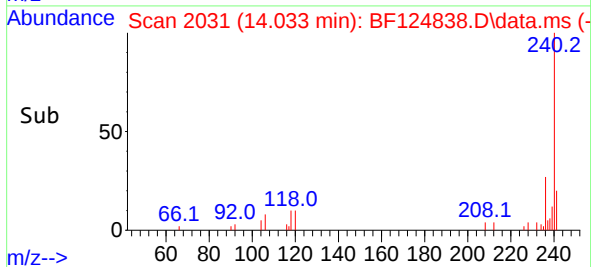


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



Tgt Ion: 240 Resp: 13556

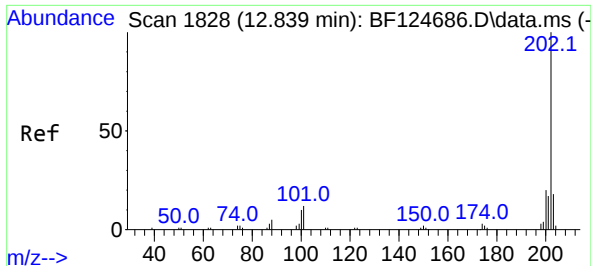
Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.8	16.2#
236	27.2	21.6	32.4



Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)

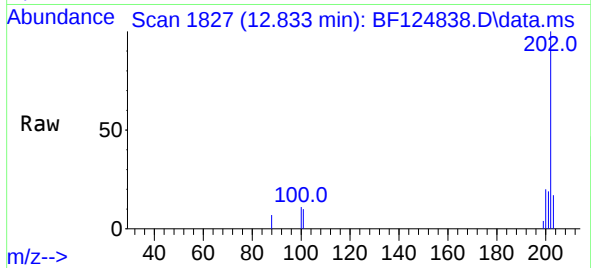
Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:32 PM



#78
Pyrene
Concen: 5.613 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

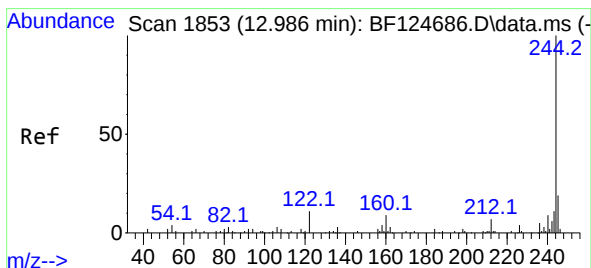
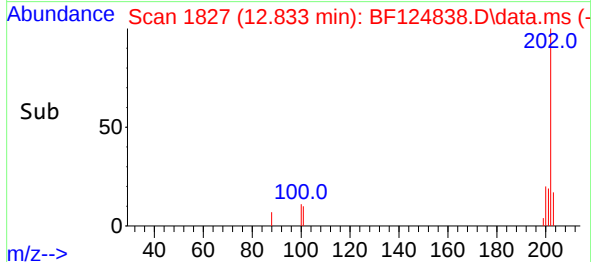
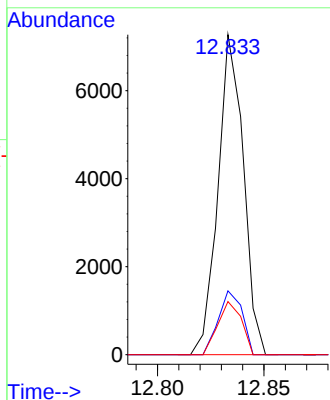
Instrument :
BNA_F
ClientSampled :
AREA-2-(0-7)



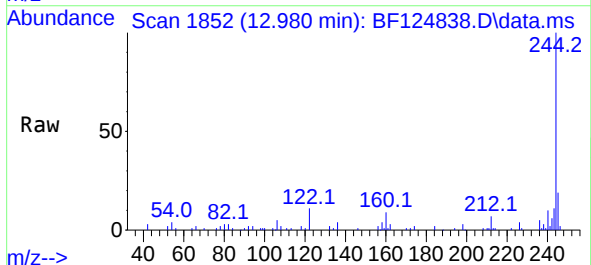
Tgt Ion:202 Resp: 6024
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 16.6 13.4 20.0

Manual Integrations
APPROVED

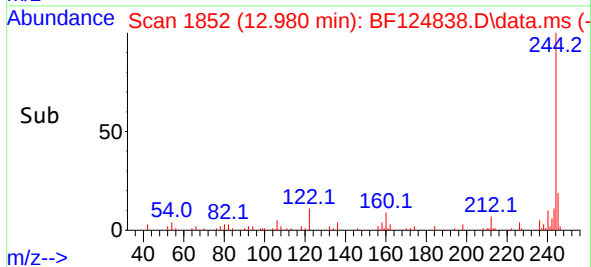
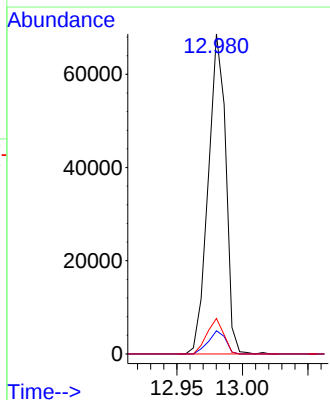
mohammad
7/29/2021 1:43:32 PM

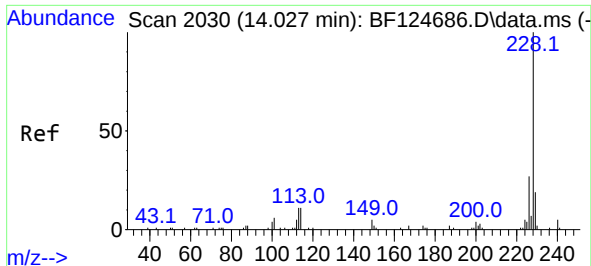


#79
Terphenyl-d14
Concen: 80.895 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



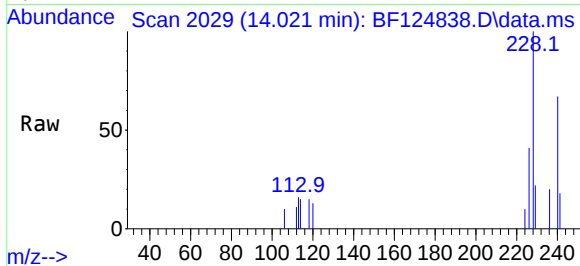
Tgt Ion:244 Resp: 63974
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.1 9.0 13.4





#81
Benzo(a)anthracene
Concen: 3.537 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

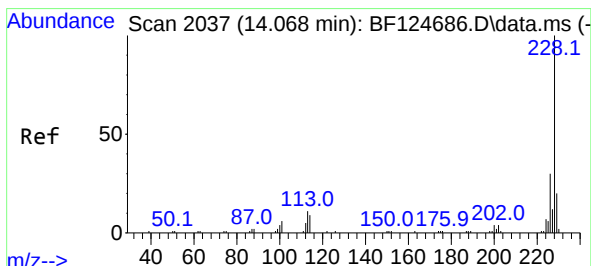
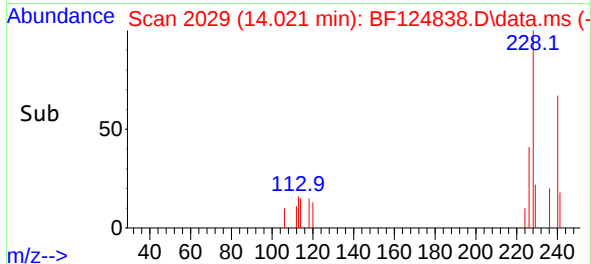
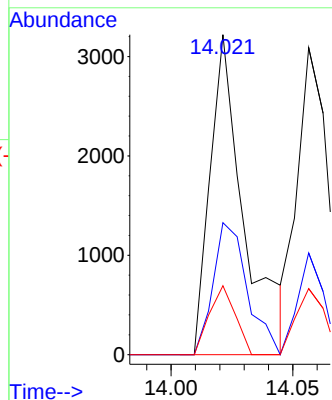
Instrument :
BNA_F
ClientSampled :
AREA-2-(0-7)



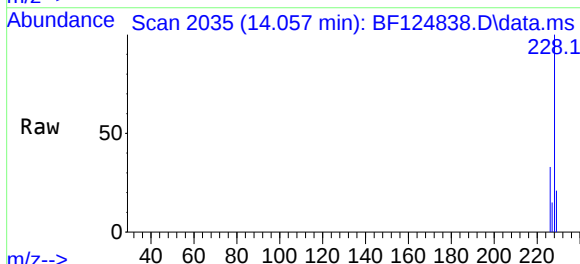
Tgt Ion:228 Resp: 3134
Ion Ratio Lower Upper
228 100
226 41.2 21.6 32.4#
229 21.5 15.6 23.4

Manual Integrations
APPROVED

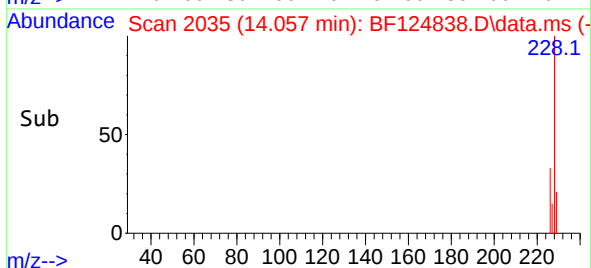
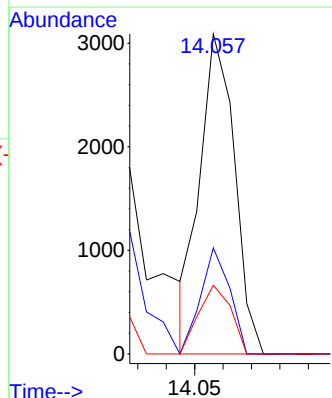
mohammad
7/29/2021 1:43:32 PM

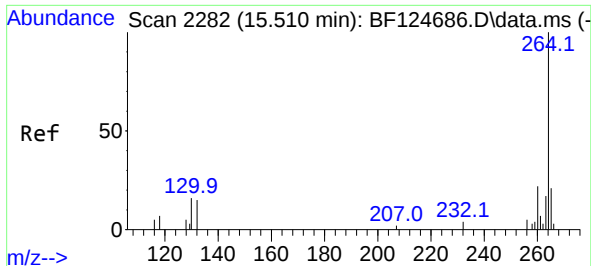


#83
Chrysene
Concen: 3.050 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



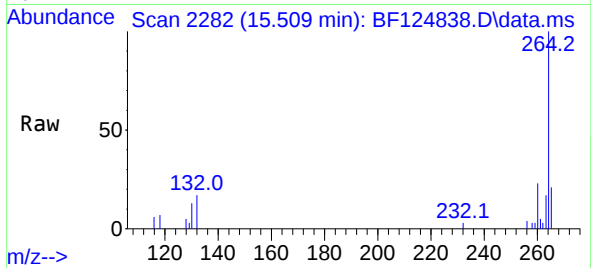
Tgt Ion:228 Resp: 2604
Ion Ratio Lower Upper
228 100
226 33.1 22.6 34.0
229 21.5 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

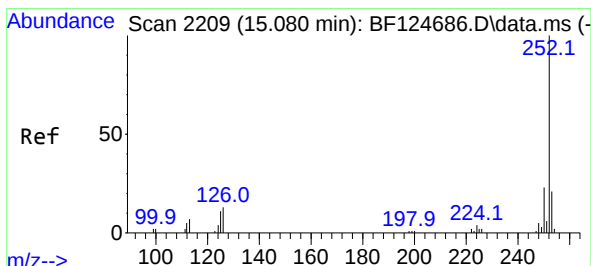
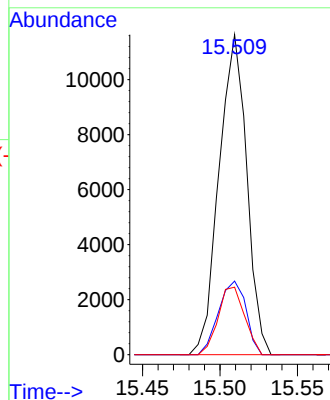
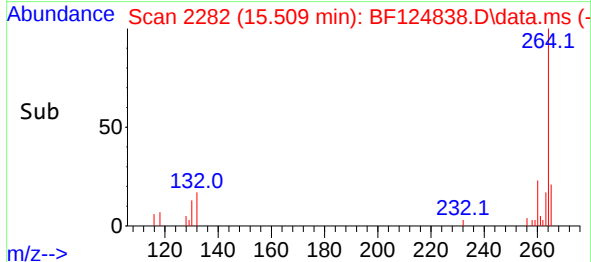
Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)



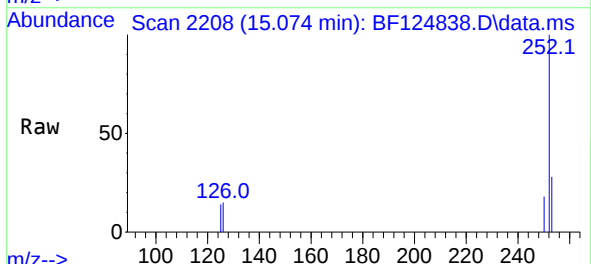
Tgt Ion:264 Resp: 14443
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 21.1 17.2 25.8

Manual Integrations
APPROVED

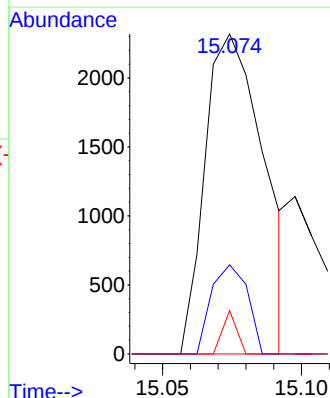
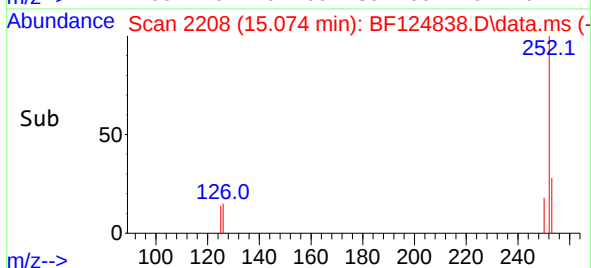
mohammad
7/29/2021 1:43:32 PM

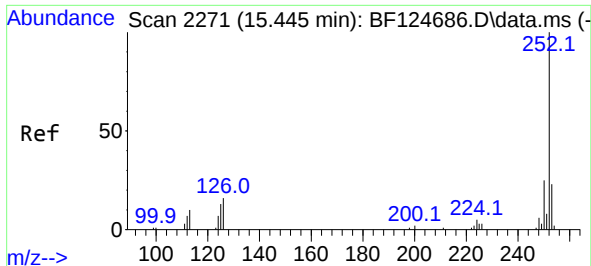


#88
Benzo(b)fluoranthene
Concen: 3.352 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59



Tgt Ion:252 Resp: 3409
Ion Ratio Lower Upper
252 100
253 27.9 16.8 25.2#
125 13.5 9.8 14.8





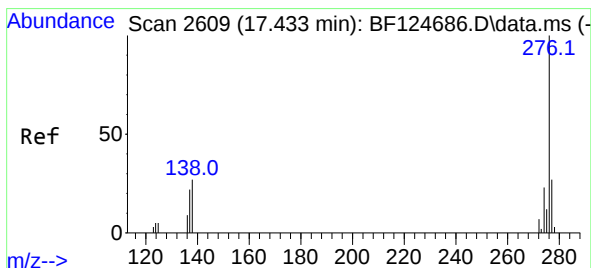
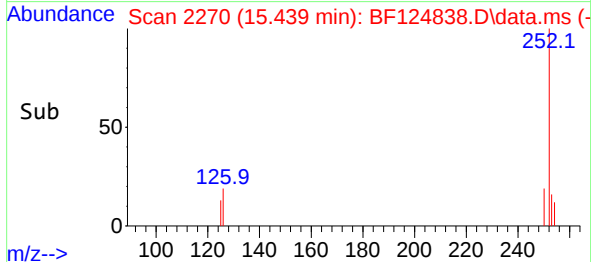
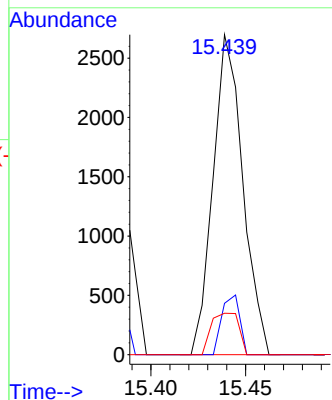
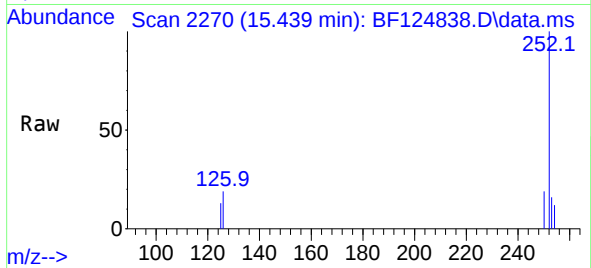
#90
Benzo(a)pyrene
Concen: 3.472 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Tgt Ion: 252	Resp: 2949
Ion Ratio	Lower Upper
252 100	
253 16.0	18.4 27.6#
125 13.0	9.9 14.9

Instrument :
BNA_F
ClientSampleId :
AREA-2-(0-7)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:32 PM



#92
Benzo(g,h,i)perylene
Concen: 2.545 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124838.D
Acq: 28 Jul 2021 20:59

Tgt Ion:276	Resp: 1762		
Ion Ratio	Lower	Upper	
276 100			
277 34.9	22.0	33.0#	
138 0.0	22.2	33.4#	

