

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124833.D
 Acq On : 28 Jul 2021 18:15
 Operator : JU/CG
 Sample : M3205-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:43:17 PM

Quant Time: Jul 28 18:51:07 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	5519	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22648	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12848	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	24177	20.000	ng	0.00
76) Chrysene-d12	14.033	240	14444	20.000	ng	0.00
86) Perylene-d12	15.509	264	13833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	43257	132.707	ng	0.00
7) Phenol-d6	6.498	99	51330	125.612	ng	0.00
23) Nitrobenzene-d5	7.433	82	35065	92.149	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	15753	142.803	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	75736	86.579	ng	0.00
79) Terphenyl-d14	12.986	244	82088	97.418	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	4670	3.591	ng	97
75) Fluoranthene	12.604	202	8883	6.694	ng	98
78) Pyrene	12.833	202	8674	7.586	ng	96
81) Benzo(a)anthracene	14.021	228	3344m	3.542	ng	
83) Chrysene	14.057	228	3535	3.886	ng	96
88) Benzo(b)fluoranthene	15.074	252	3885m	3.989	ng	
90) Benzo(a)pyrene	15.445	252	2875	3.534	ng	# 90
92) Benzo(g,h,i)perylene	17.427	276	1655	2.496	ng	# 47

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

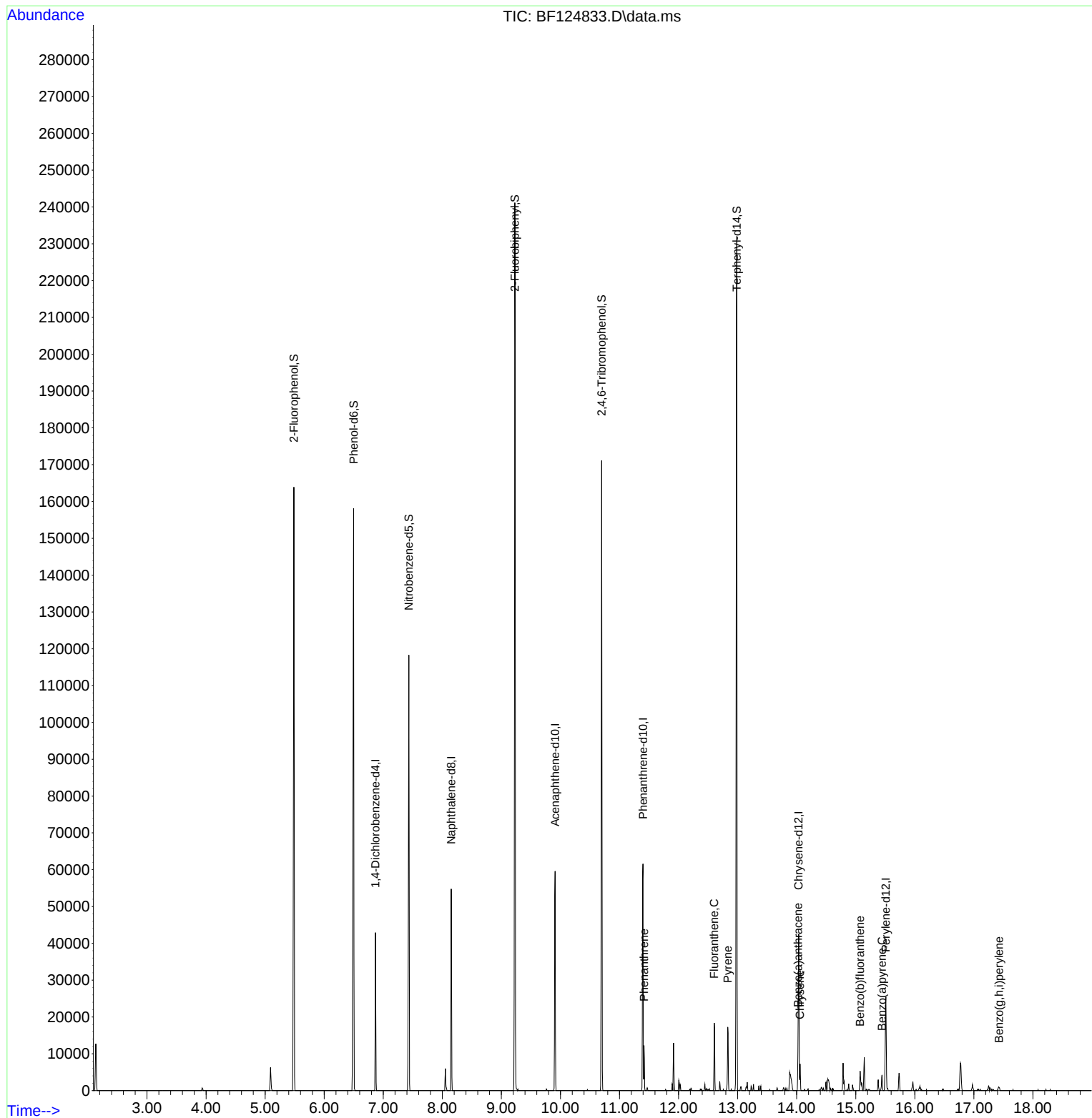
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124833.D
Acq On : 28 Jul 2021 18:15
Operator : JU/CG
Sample : M3205-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

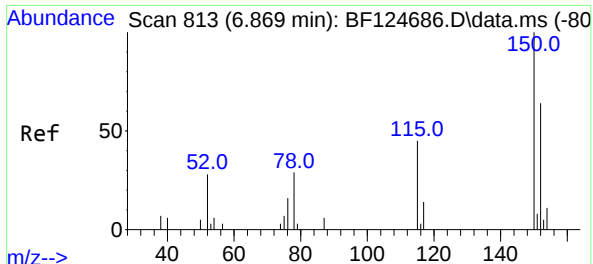
Instrument :
BNA_F
ClientSampleId :
VNJ-209

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:17 PM

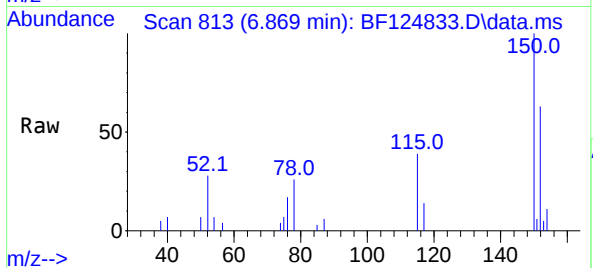
Quant Time: Jul 28 18:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

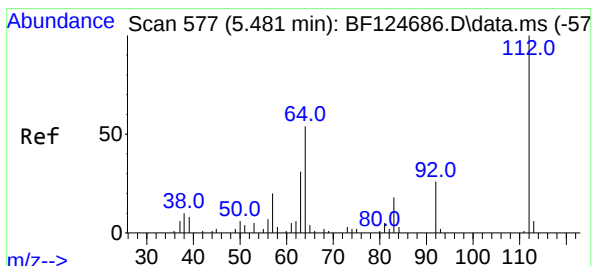
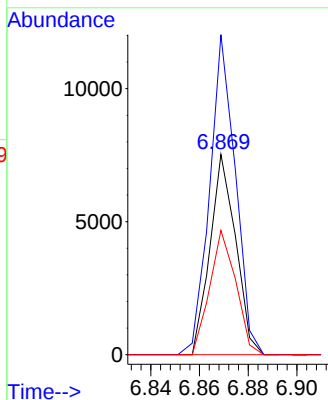
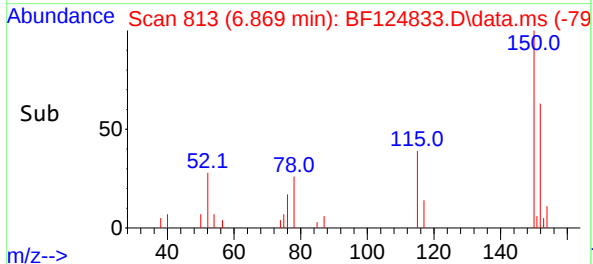
Instrument :
BNA_F
ClientSampled :
VNJ-209



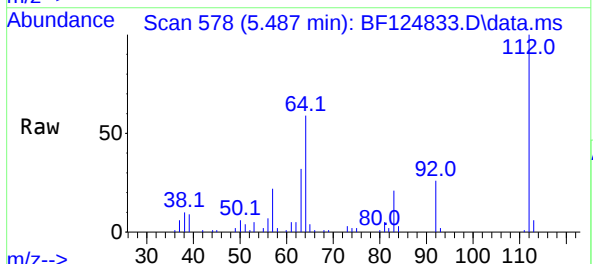
Tgt Ion:152 Resp: 5519
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 62.1 47.1 70.7

Manual Integrations
APPROVED

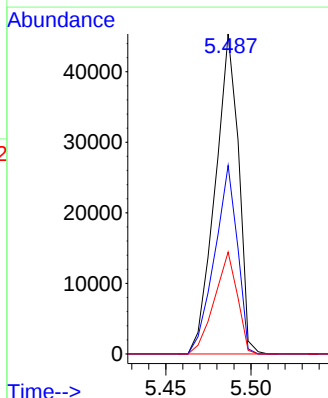
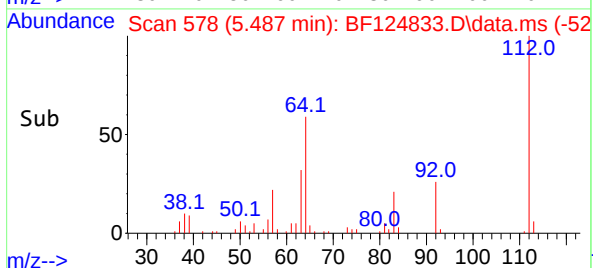
mohammad
7/29/2021 1:43:17 PM

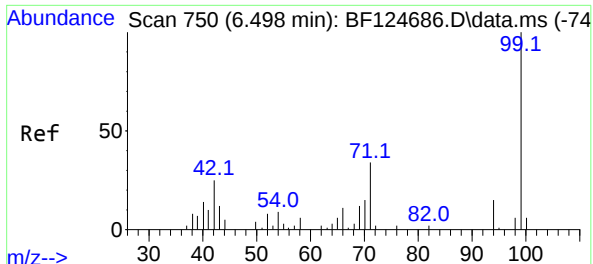


#5
2-Fluorophenol
Concen: 132.707 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15



Tgt Ion:112 Resp: 43257
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 31.9 26.2 39.2





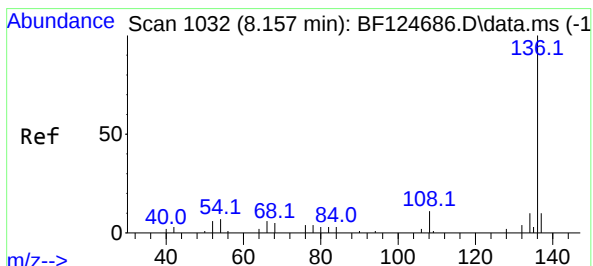
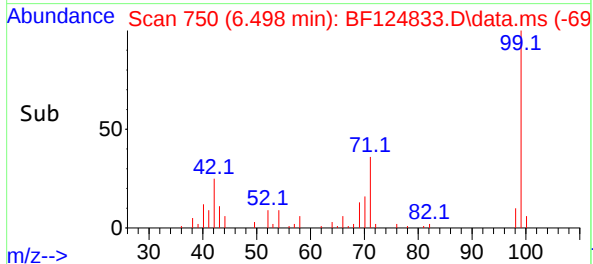
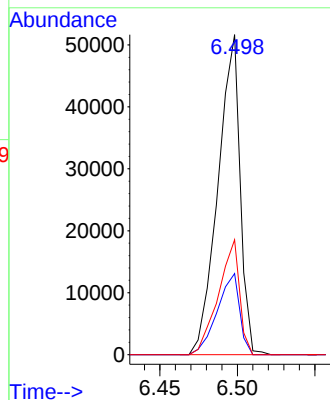
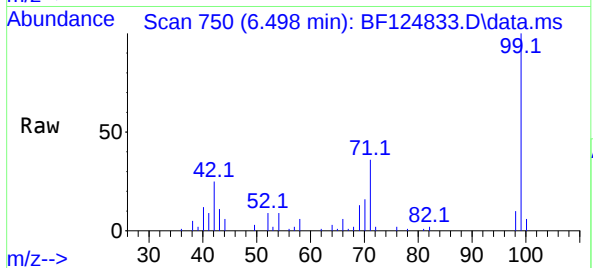
#7
Phenol-d6
Concen: 125.612 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion: 99	Resp: 51330
Ion Ratio	Lower Upper
99 100	
42 25.4	23.5 35.3
71 35.9	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
VNJ-209

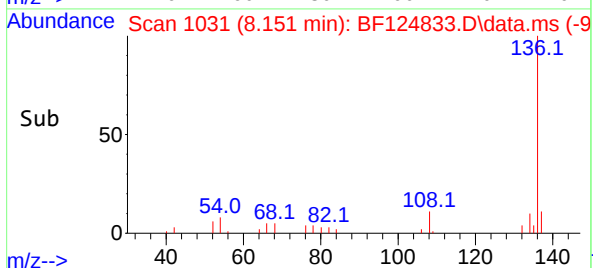
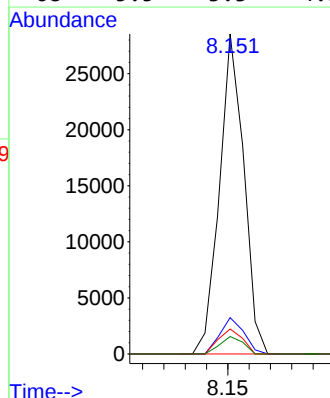
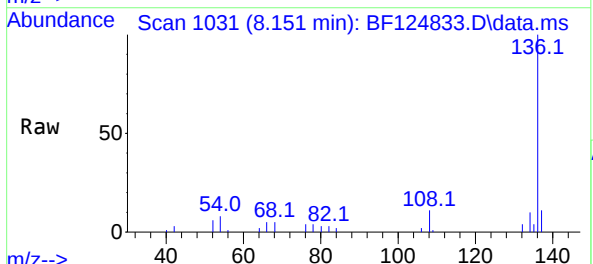
Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:17 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt	Ion:136	Resp:	22648
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	7.8	6.4	9.6
68	5.5	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 92.149 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124833.D

Acq: 28 Jul 2021 18:15

Tgt Ion:	82	Resp:	35065
Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	60.8
54	56.8	49.6	74.4

Instrument :

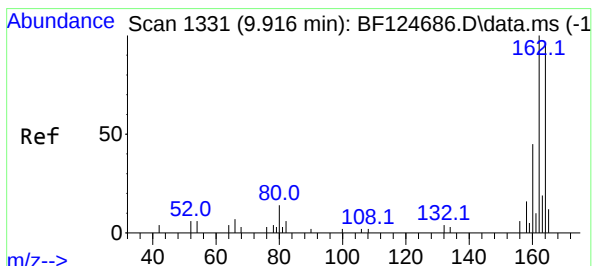
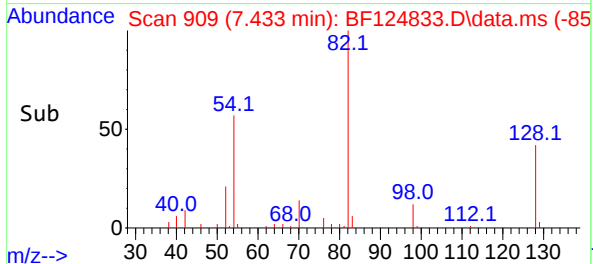
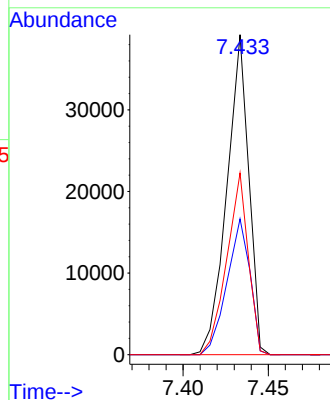
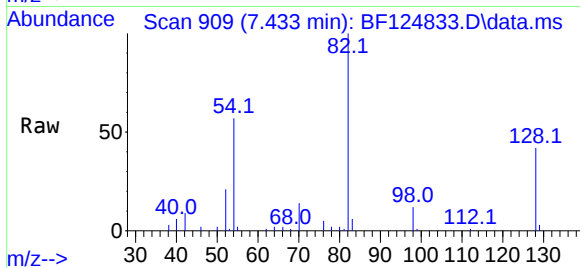
BNA_F

ClientSampled :

VNJ-209

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:17 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

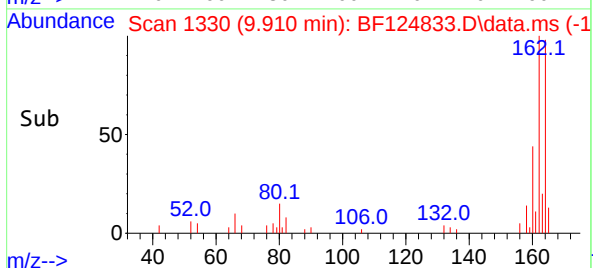
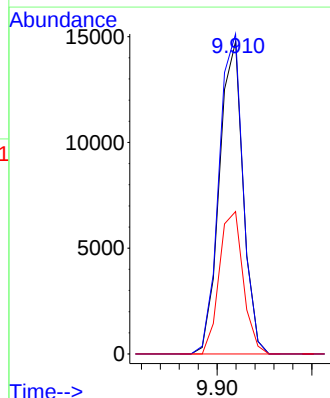
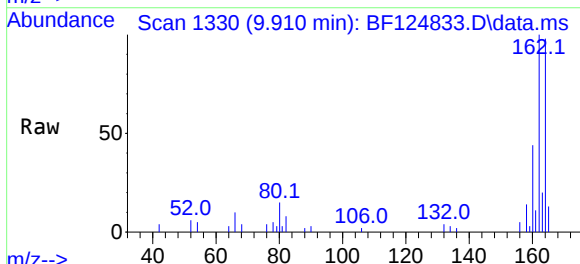
RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124833.D

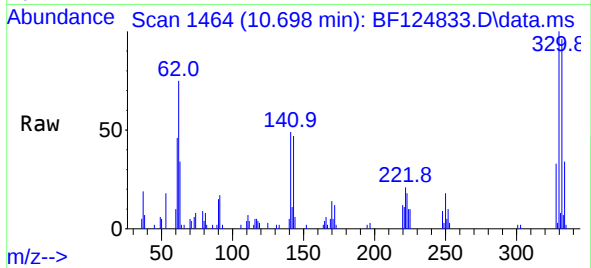
Acq: 28 Jul 2021 18:15

Tgt Ion:	164	Resp:	12848
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.6	38.0	57.0

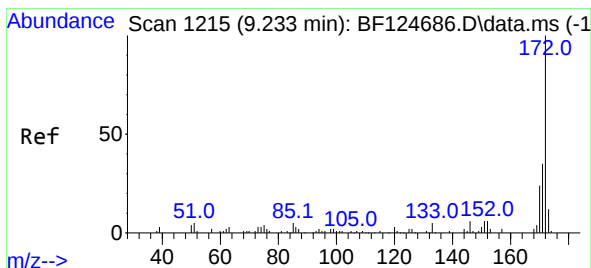
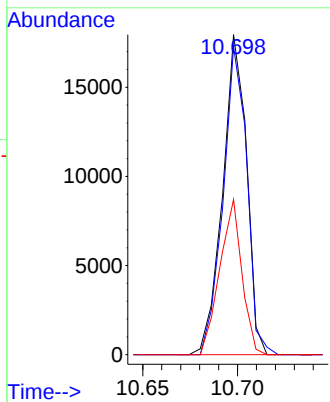
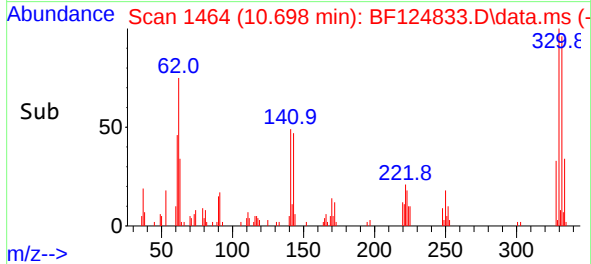




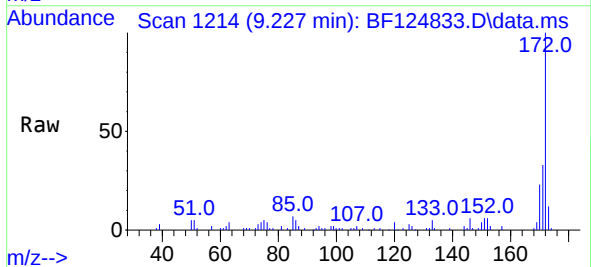
#42
2,4,6-Tribromophenol
Concen: 142.803 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15



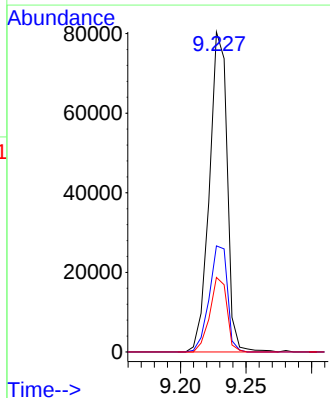
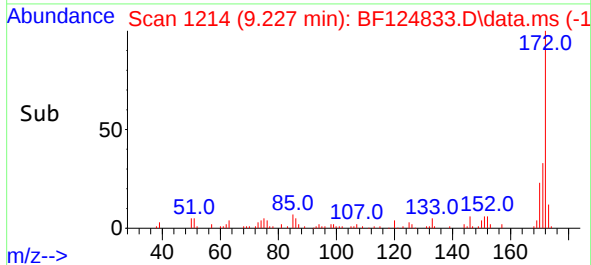
Tgt Ion: 330 Resp: 15753
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 44.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 86.579 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15



Tgt Ion: 172 Resp: 75736
Ion Ratio Lower Upper
172 100
171 33.2 26.5 39.7
170 23.3 18.8 28.2



Instrument :
BNA_F
ClientSampled :
VNJ-209

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:17 PM



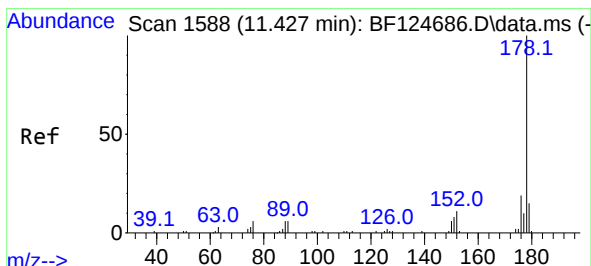
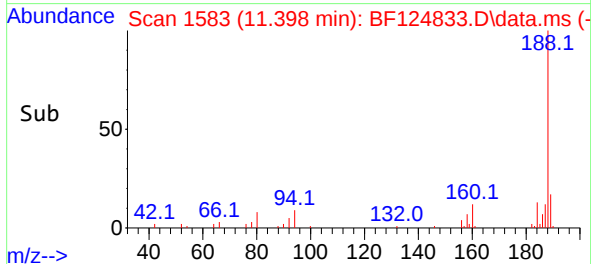
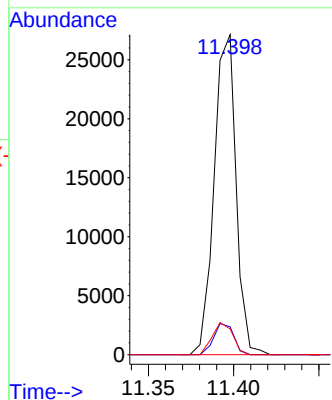
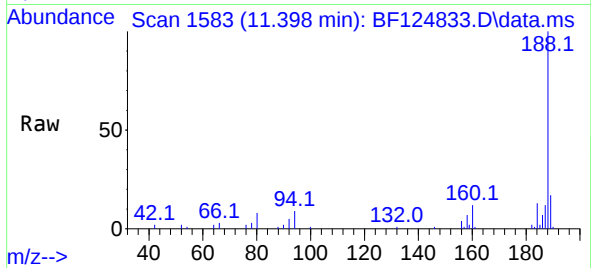
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Instrument :
BNA_F
ClientSampled :
VNJ-209

Tgt Ion:188 Resp: 24177
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.0 7.5 11.3

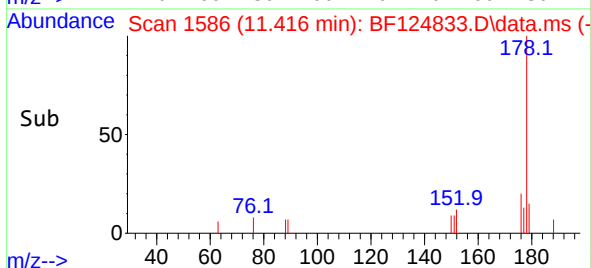
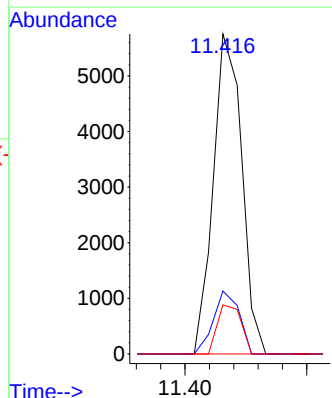
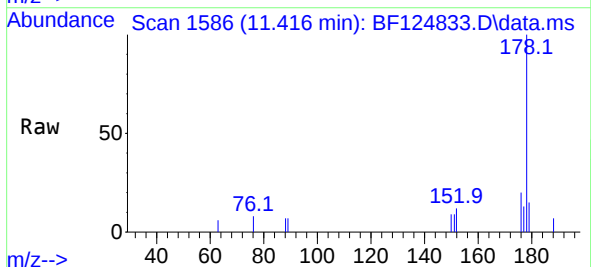
Manual Integrations
APPROVED

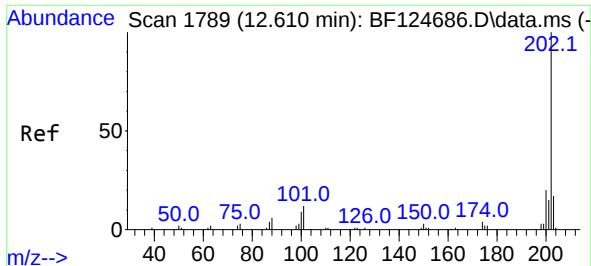
mohammad
7/29/2021 1:43:17 PM



#71
Phenanthrene
Concen: 3.591 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

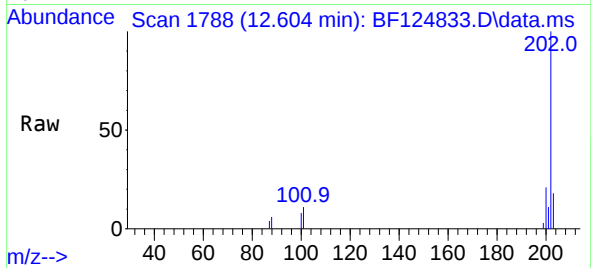
Tgt Ion:178 Resp: 4670
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 15.3 11.5 17.3





#75
Fluoranthene
Concen: 6.694 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

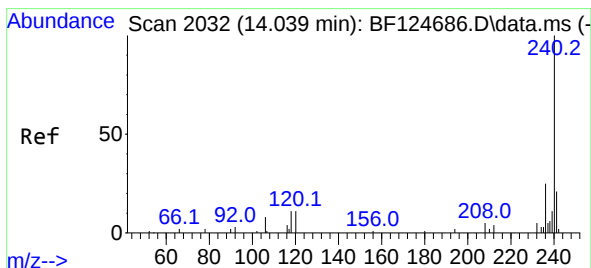
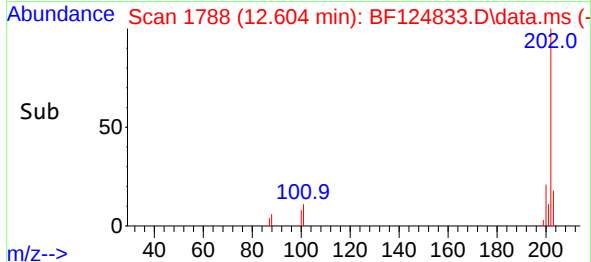
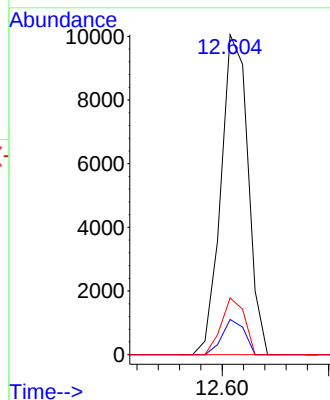
Instrument :
BNA_F
ClientSampled :
VNJ-209



Tgt Ion:202 Resp: 8883
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.7 0.0 36.3

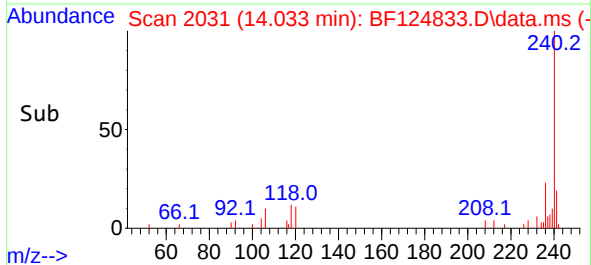
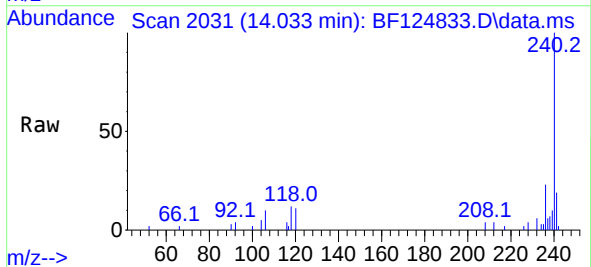
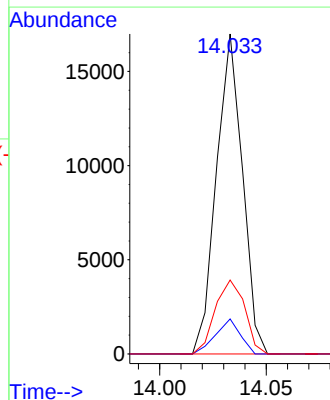
Manual Integrations
APPROVED

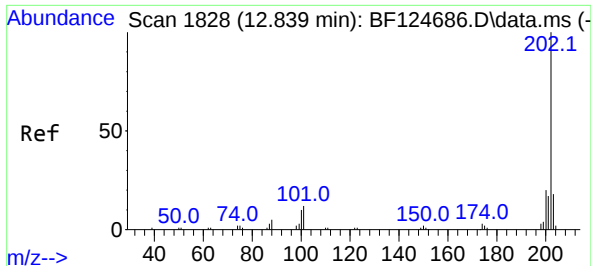
mohammad
7/29/2021 1:43:17 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

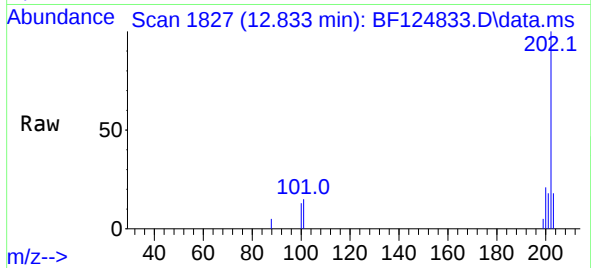
Tgt Ion:240 Resp: 14444
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 23.1 21.6 32.4





#78
Pyrene
Concen: 7.586 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

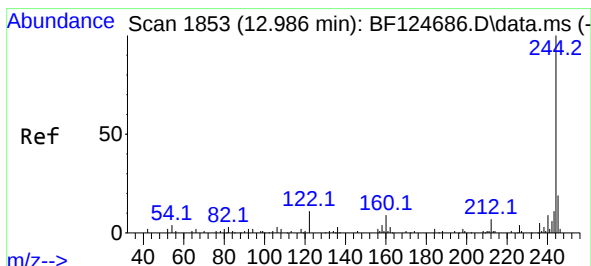
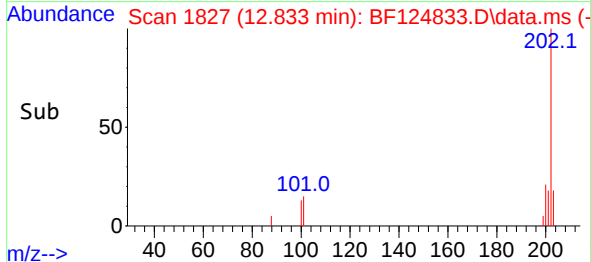
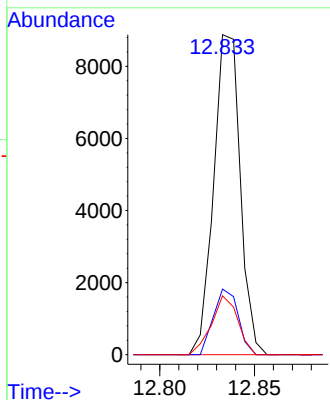
Instrument :
BNA_F
ClientSampleId :
VNJ-209



Tgt Ion:202 Resp: 8674
Ion Ratio Lower Upper
202 100
200 20.5 15.3 22.9
203 18.4 13.4 20.0

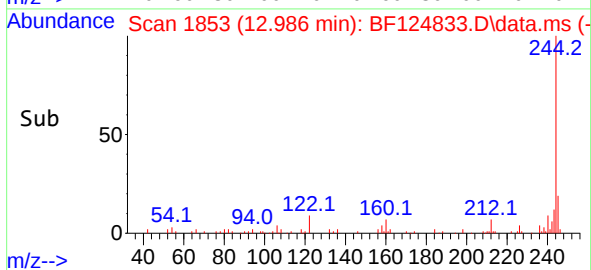
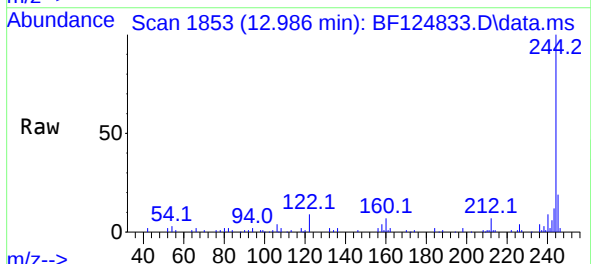
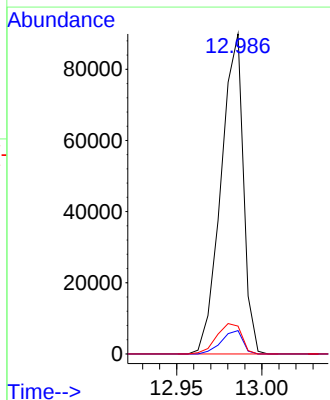
Manual Integrations
APPROVED

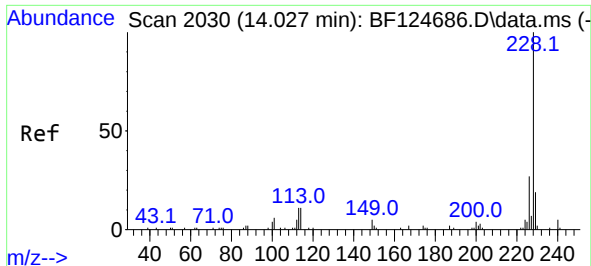
mohammad
7/29/2021 1:43:17 PM



#79
Terphenyl-d14
Concen: 97.418 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:244 Resp: 82088
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 9.0 13.4#





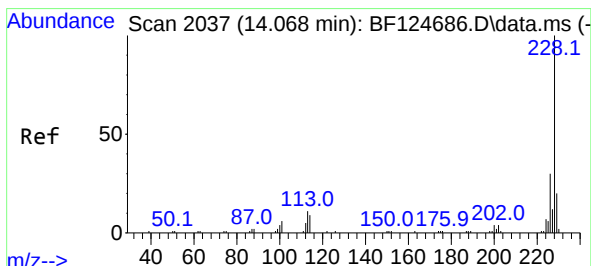
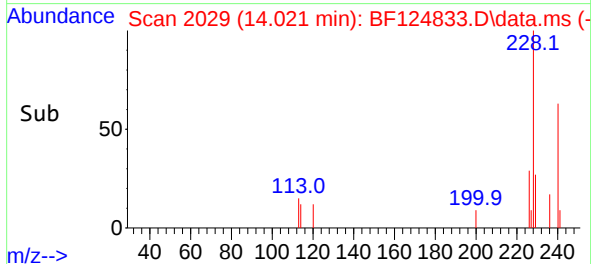
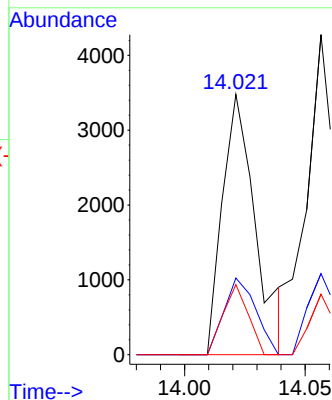
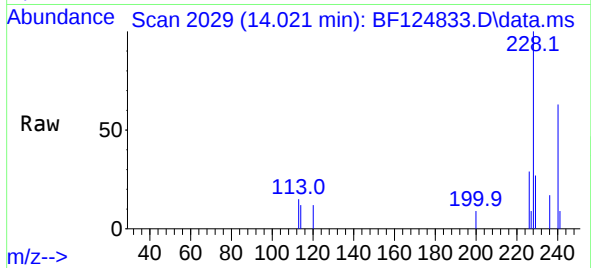
#81
Benzo(a)anthracene
Concen: 3.542 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:228 Resp: 3344
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 26.9 15.6 23.4#

Instrument :
BNA_F
ClientSampleId :
VNJ-209

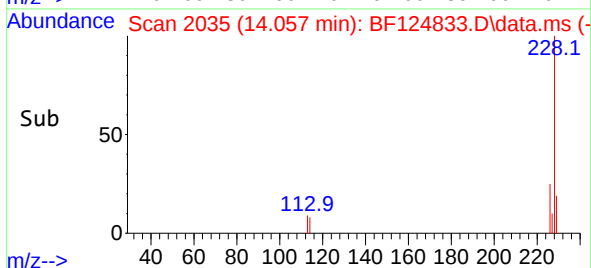
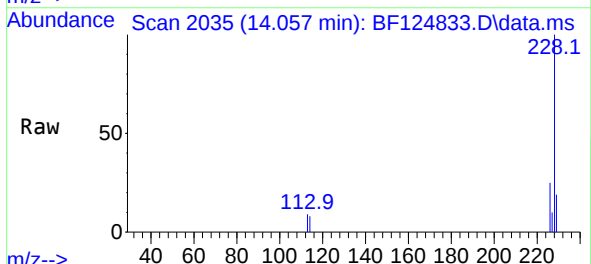
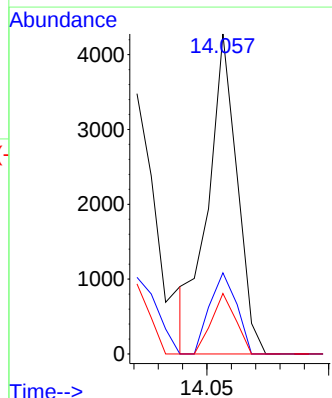
Manual Integrations
APPROVED

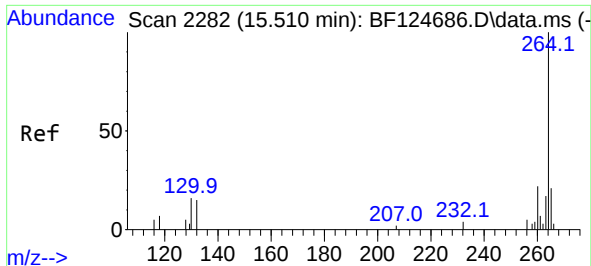
mohammad
7/29/2021 1:43:17 PM



#83
Chrysene
Concen: 3.886 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:228 Resp: 3535
Ion Ratio Lower Upper
228 100
226 25.4 22.6 34.0
229 18.9 15.9 23.9





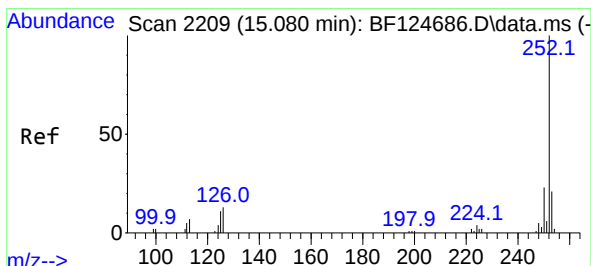
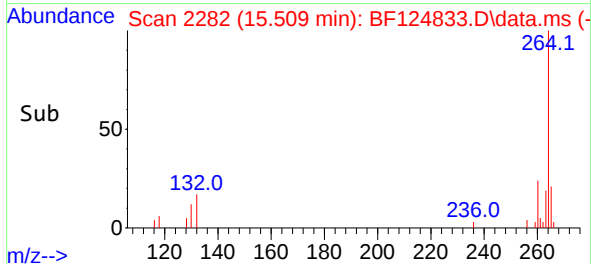
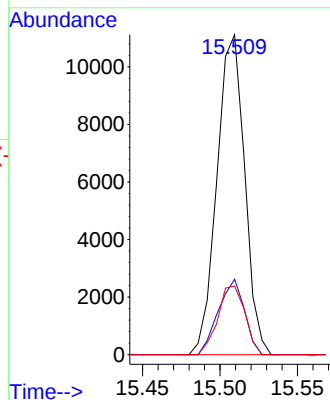
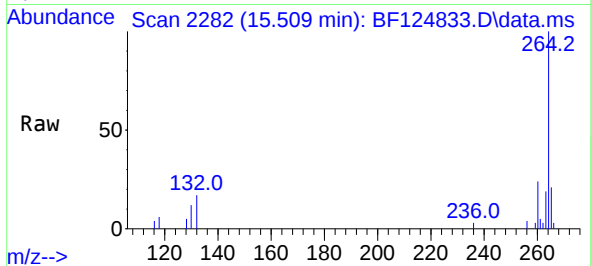
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:	264	Resp:	13833
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.6	29.4
265	21.5	17.2	25.8

Instrument :
BNA_F
ClientSampled :
VNJ-209

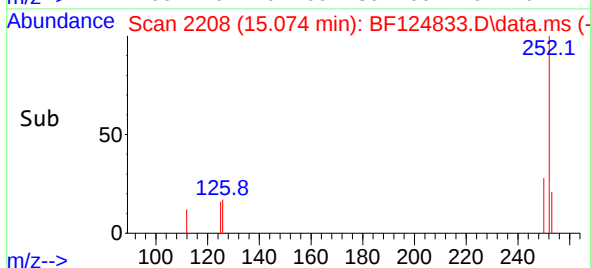
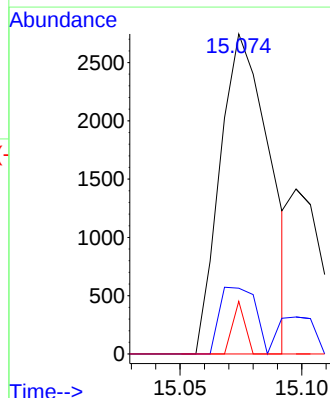
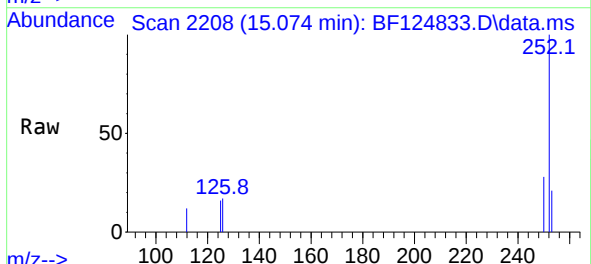
Manual Integrations
APPROVED

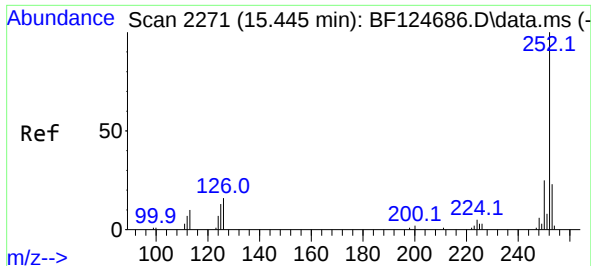
mohammad
7/29/2021 1:43:17 PM



#88
Benzo(b)fluoranthene
Concen: 3.989 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion:	252	Resp:	3885
Ion Ratio	Lower	Upper	
252	100		
253	20.6	16.8	25.2
125	16.5	9.8	14.8#





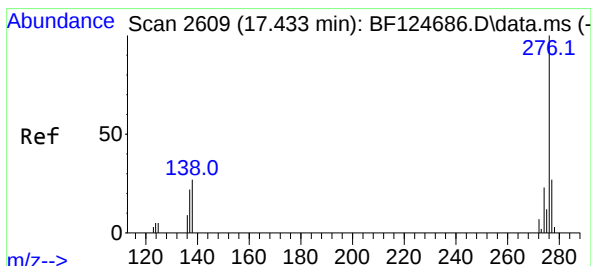
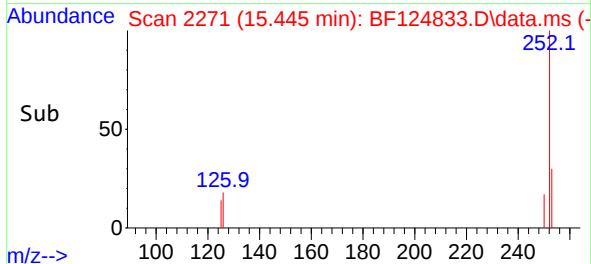
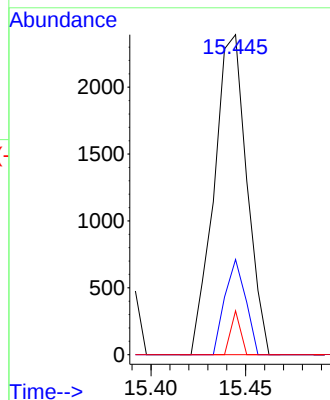
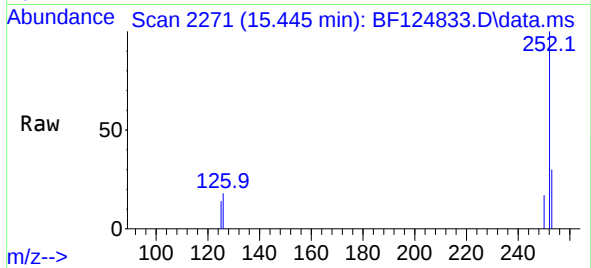
#90
Benzo(a)pyrene
Concen: 3.534 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.4	27.6#
125	13.7	9.9	14.9

Instrument :
BNA_F
ClientSampled :
VNJ-209

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:17 PM



#92
Benzo(g,h,i)perylene
Concen: 2.496 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124833.D
Acq: 28 Jul 2021 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	22.0	33.0#
138	0.0	22.2	33.4#

