

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124837.D
 Acq On : 28 Jul 2021 20:26
 Operator : JU/CG
 Sample : M3186-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-1-(0-5)

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:43:30 PM

Quant Time: Jul 29 02:11:16 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	5592	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	22239	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12721	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	22745	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	13268	20.000	ng	0.00
86) Perylene-d12	15.509	264	13434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	33959	102.822	ng	0.00
7) Phenol-d6	6.498	99	41581	100.427	ng	0.00
23) Nitrobenzene-d5	7.434	82	27224	72.859	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11823	108.247	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	60982	70.409	ng	0.00
79) Terphenyl-d14	12.980	244	63445	81.967	ng	0.00
Target Compounds						
75) Fluoranthene	12.604	202	3531	2.829	ng	Qvalue 95
78) Pyrene	12.833	202	3529	3.360	ng	97
88) Benzo(b)fluoranthene	15.074	252	1970m	2.083	ng	

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

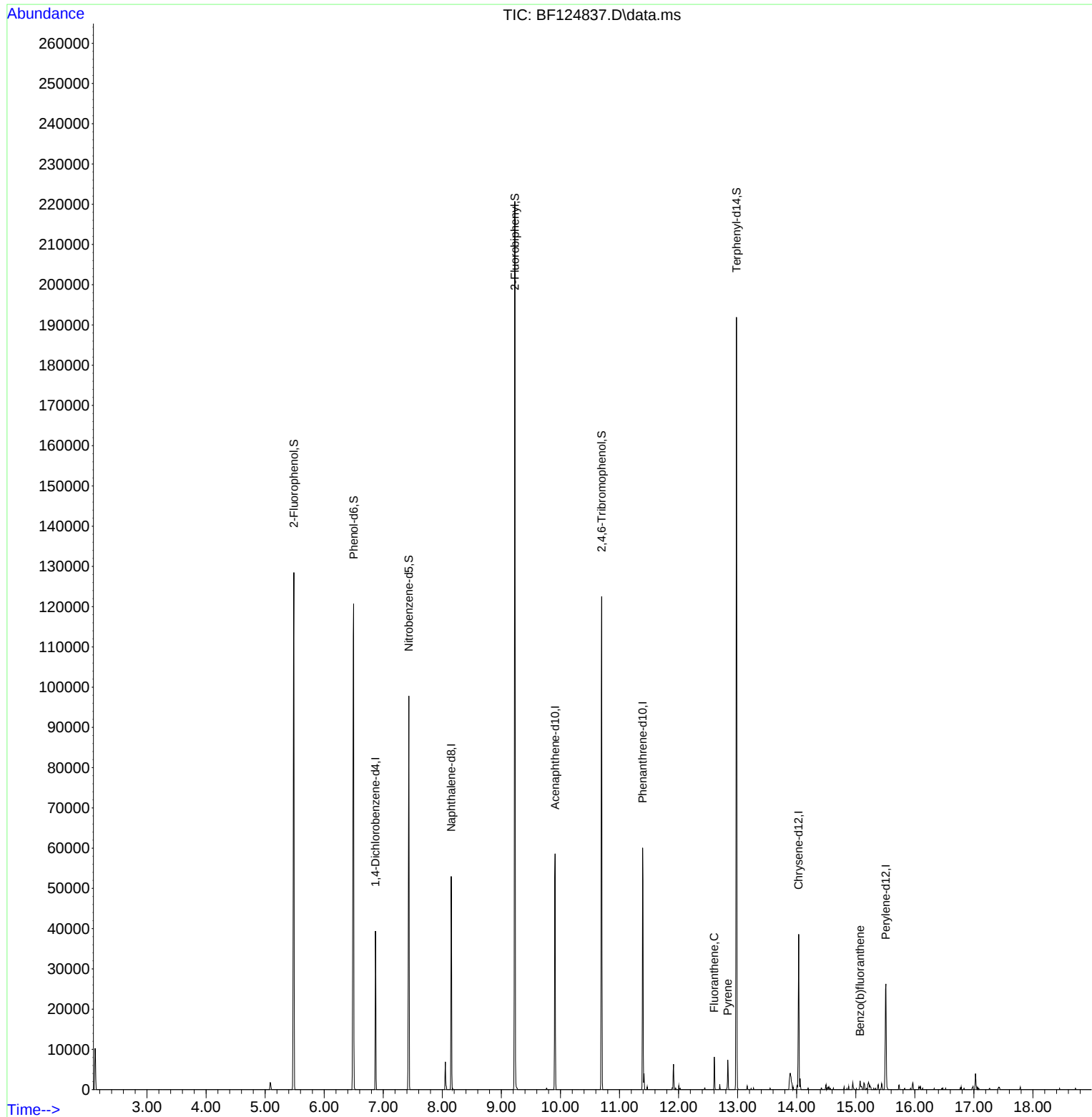
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124837.D
Acq On : 28 Jul 2021 20:26
Operator : JU/CG
Sample : M3186-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

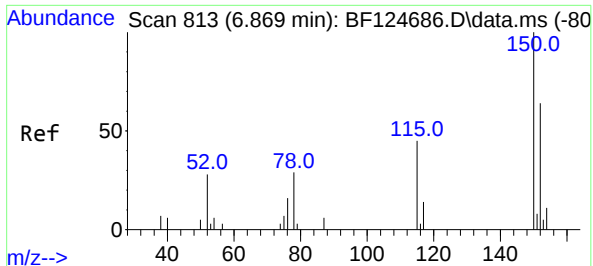
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:30 PM

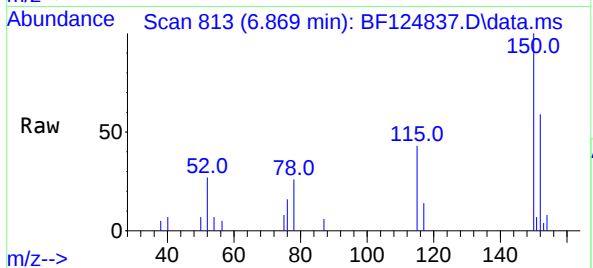
Quant Time: Jul 29 02:11:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

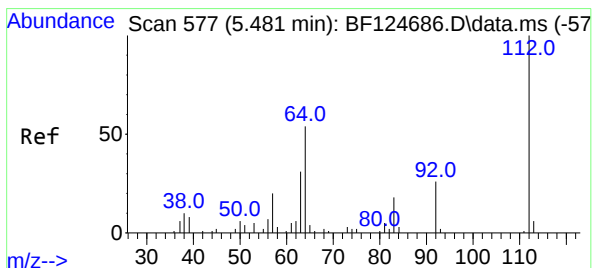
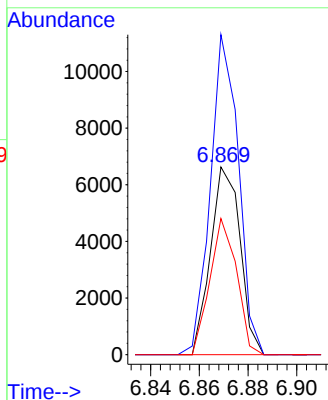
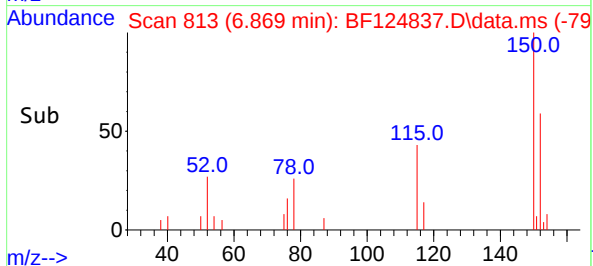
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)



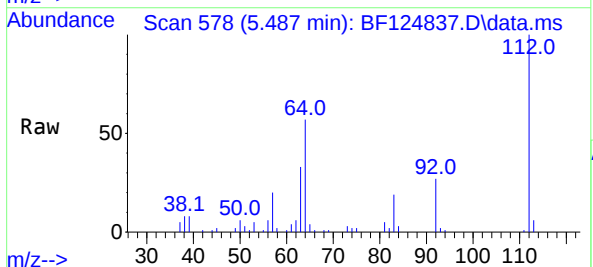
Tgt Ion:152 Resp: 5592
Ion Ratio Lower Upper
152 100
150 170.5 117.6 176.4
115 72.6 47.1 70.7#

Manual Integrations
APPROVED

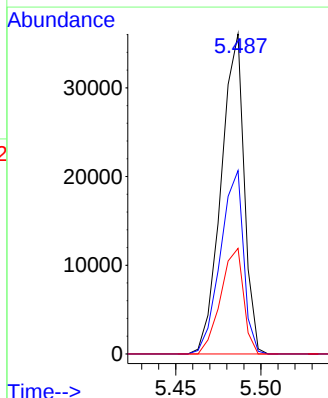
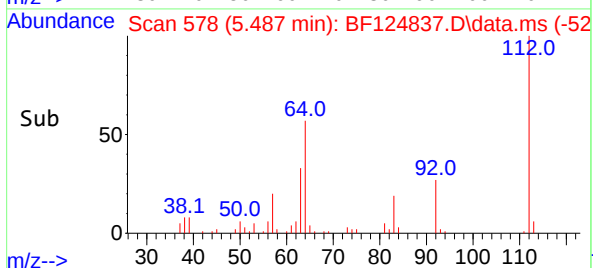
mohammad
7/29/2021 1:43:30 PM



#5
2-Fluorophenol
Concen: 102.822 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



Tgt Ion:112 Resp: 33959
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 33.0 26.2 39.2





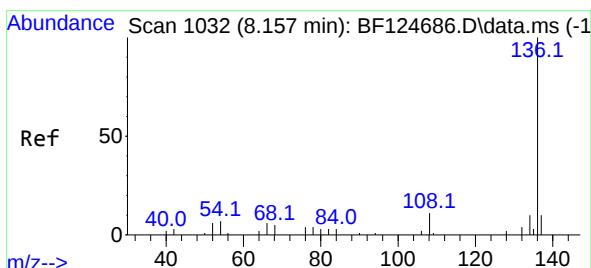
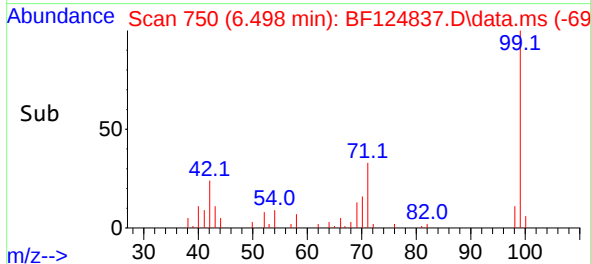
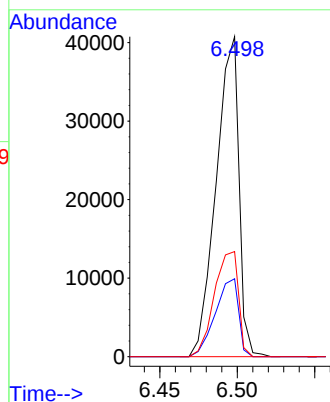
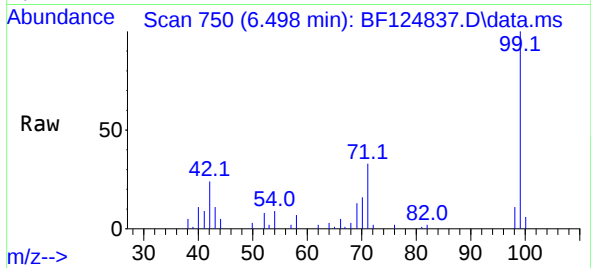
#7
Phenol-d6
Concen: 100.427 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion: 99	Resp: 41581
Ion Ratio	Lower Upper
99 100	
42 24.4	23.5 35.3
71 32.9	25.6 38.4

Instrument :
BNA_F
ClientSampled :
AREA-1-(0-5)

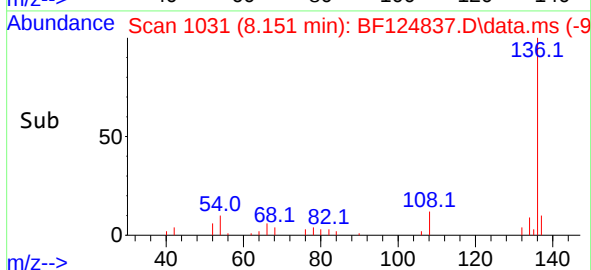
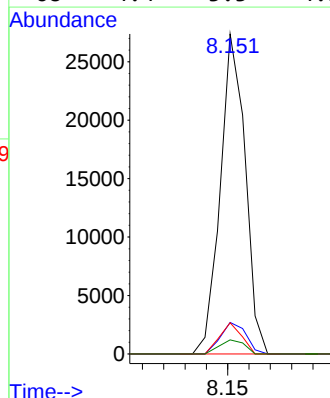
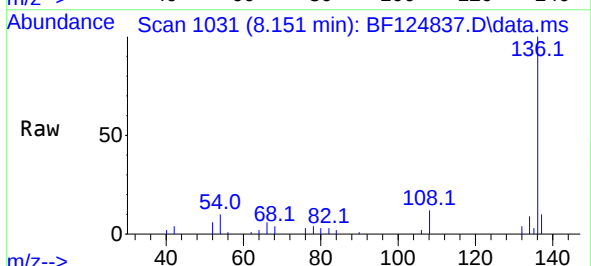
Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:30 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt	Ion:136	Resp:	22239
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.8	14.6
54	9.8	6.4	9.6#
68	4.4	3.3	4.9





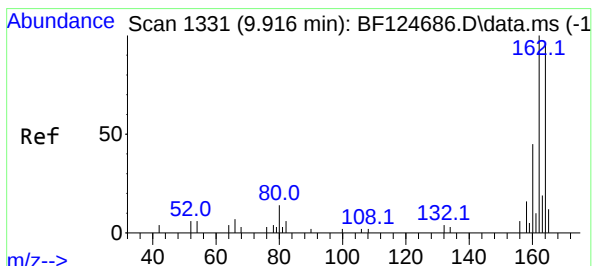
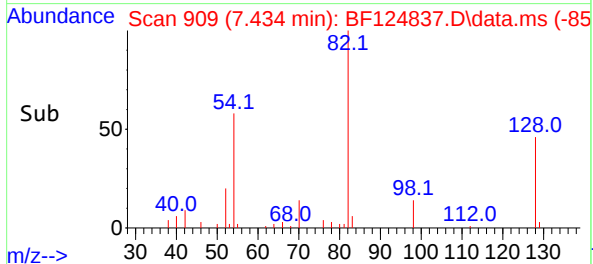
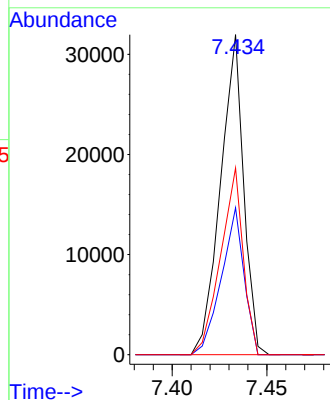
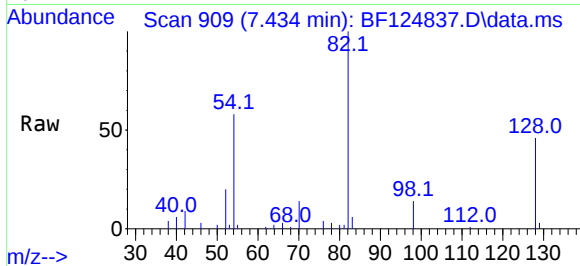
#23
Nitrobenzene-d5
Concen: 72.859 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Tgt Ion:	82	Resp:	27224
Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.6	60.8
54	58.4	49.6	74.4

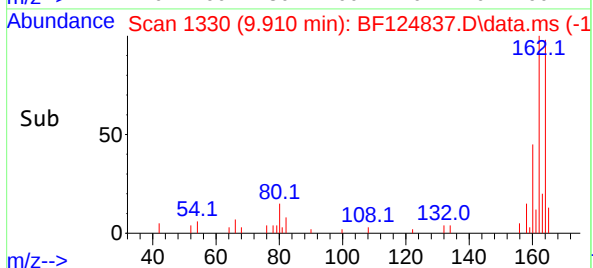
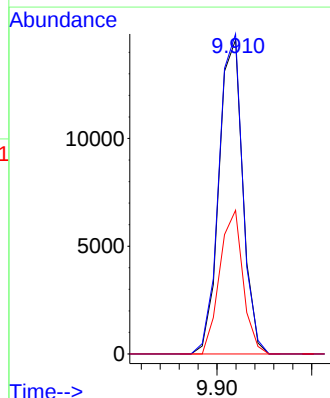
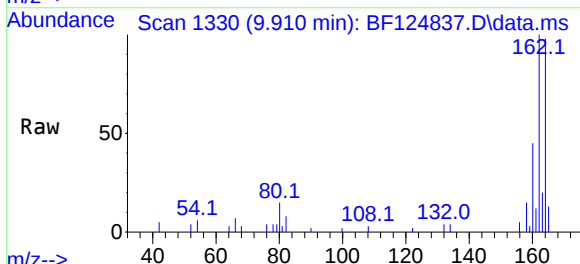
Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:30 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

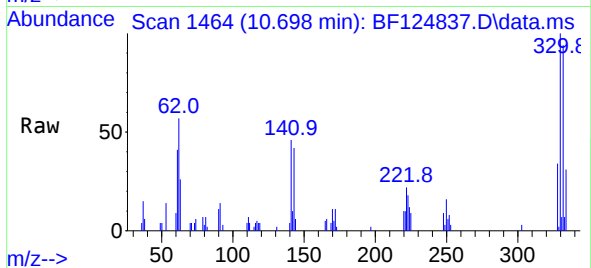
Tgt Ion:	164	Resp:	12721
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	45.8	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 108.247 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

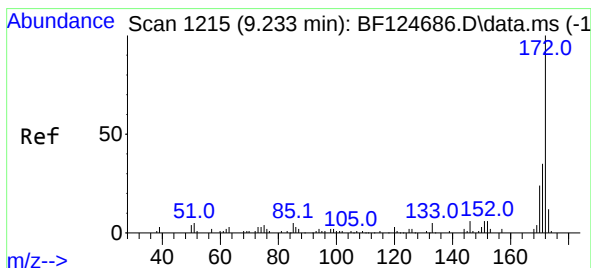
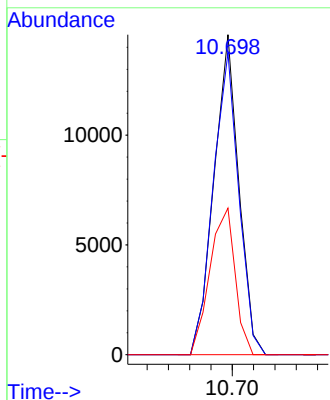
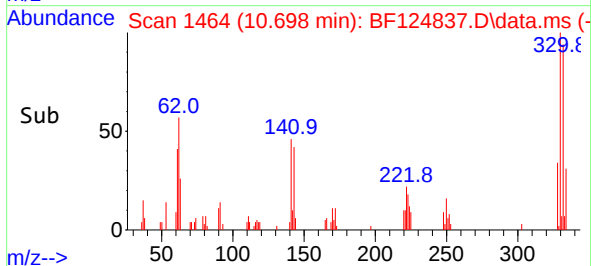
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)



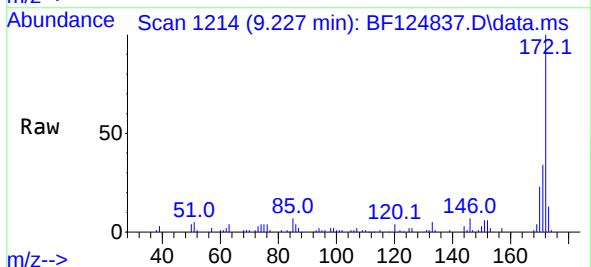
Tgt Ion: 330 Resp: 11823
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 46.5 44.6 66.8

Manual Integrations
APPROVED

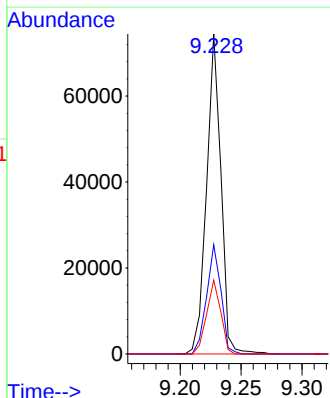
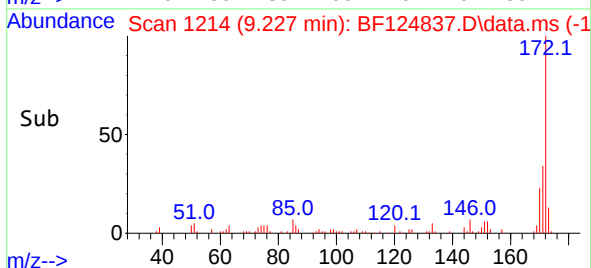
mohammad
7/29/2021 1:43:30 PM



#45
2-Fluorobiphenyl
Concen: 70.409 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



Tgt Ion: 172 Resp: 60982
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.0 18.8 28.2





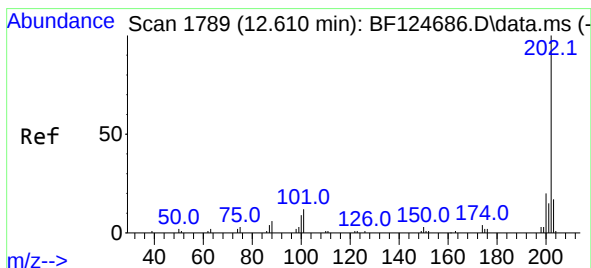
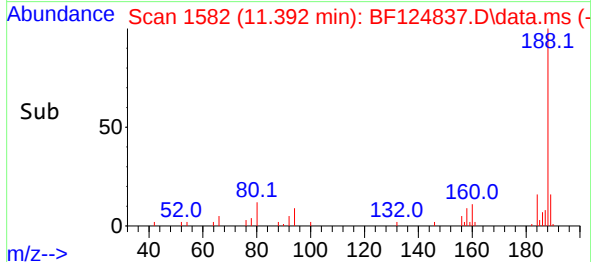
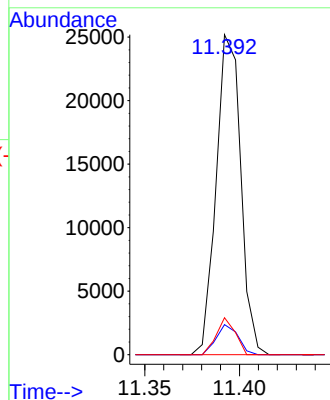
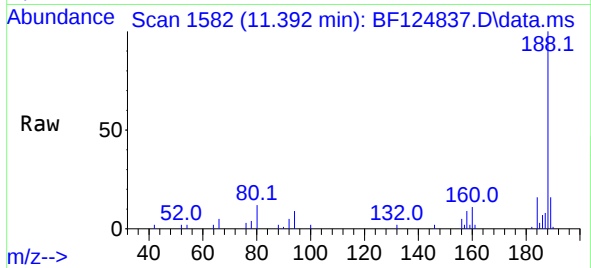
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:188 Resp: 22745
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 11.6 7.5 11.3#

Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

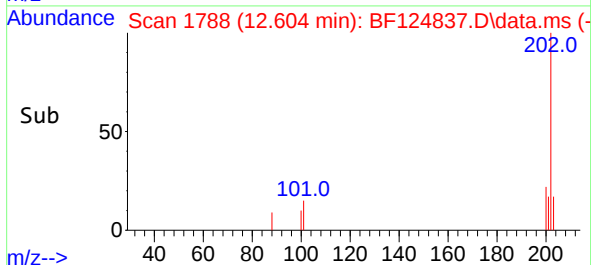
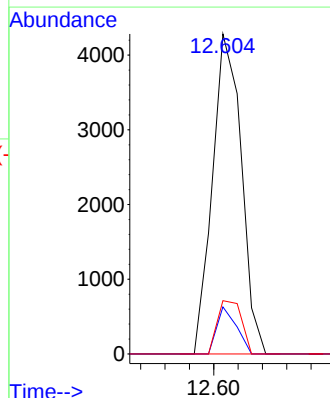
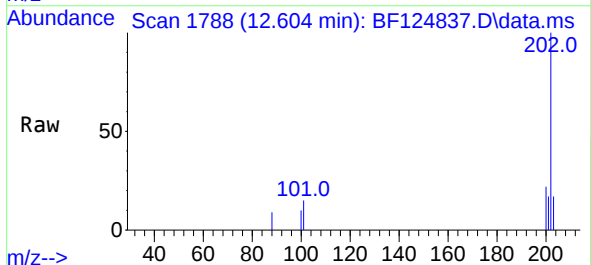
Manual Integrations
APPROVED

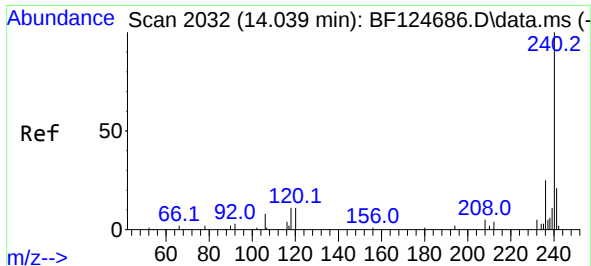
mohammad
7/29/2021 1:43:30 PM



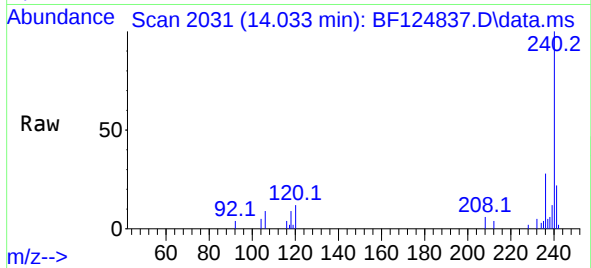
#75
Fluoranthene
Concen: 2.829 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26

Tgt Ion:202 Resp: 3531
Ion Ratio Lower Upper
202 100
101 14.7 0.0 30.7
203 16.7 0.0 36.3

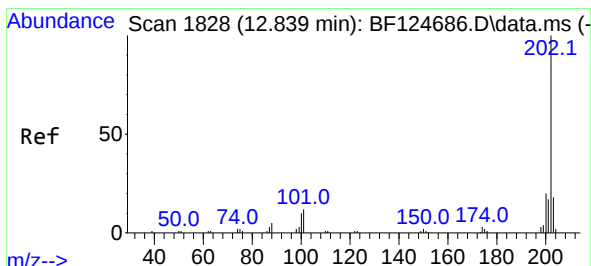
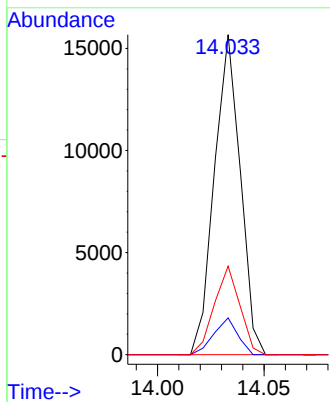
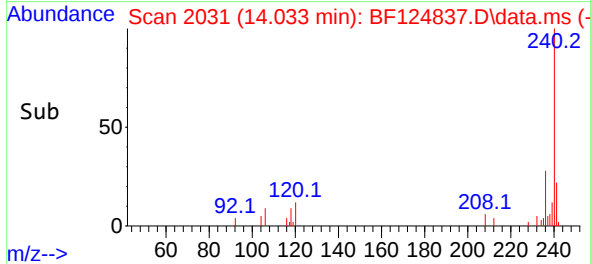




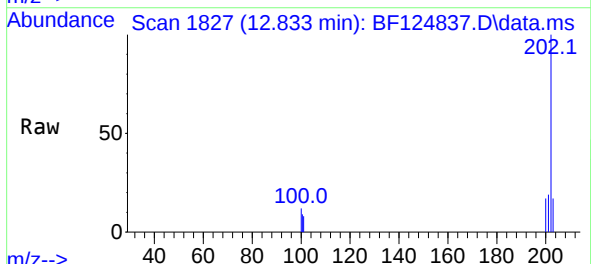
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



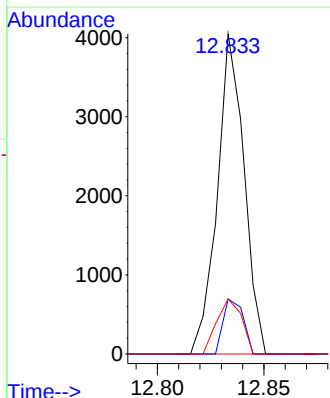
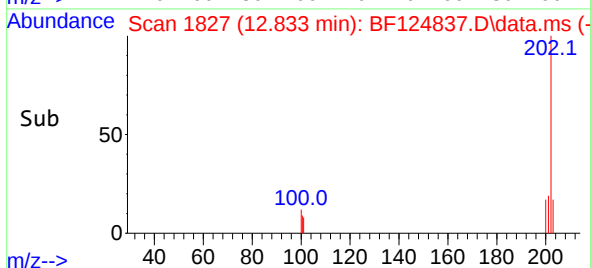
Tgt Ion:240 Resp: 13268
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 27.7 21.6 32.4



#78
Pyrene
Concen: 3.360 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



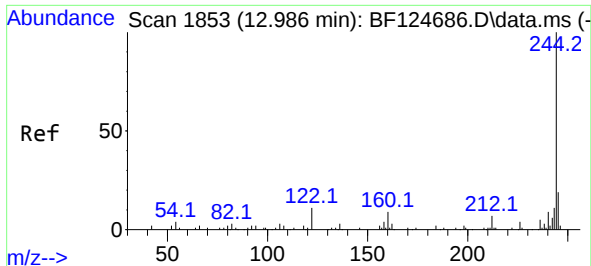
Tgt Ion:202 Resp: 3529
Ion Ratio Lower Upper
202 100
200 17.2 15.3 22.9
203 17.2 13.4 20.0



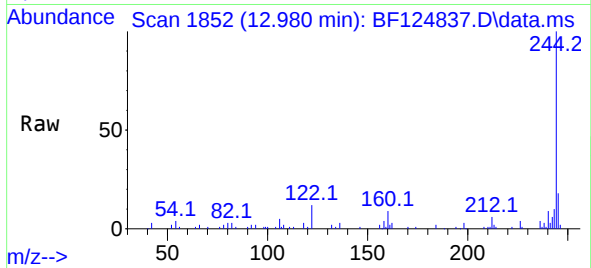
Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Manual Integrations
APPROVED

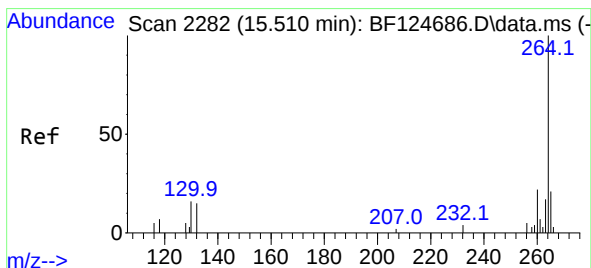
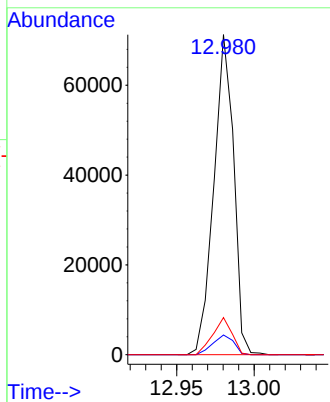
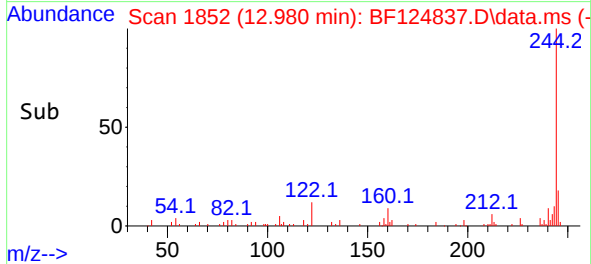
mohammad
7/29/2021 1:43:30 PM



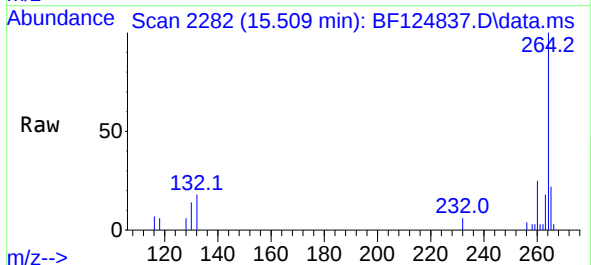
#79
Terphenyl-d14
Concen: 81.967 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



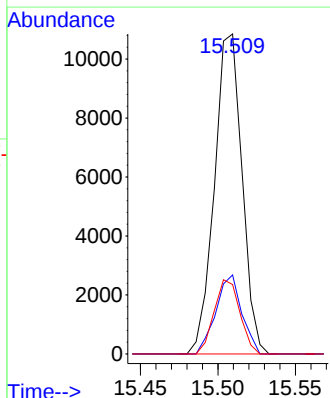
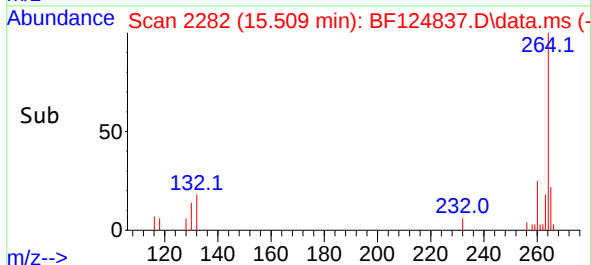
Tgt Ion:244 Resp: 63445
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124837.D
Acq: 28 Jul 2021 20:26



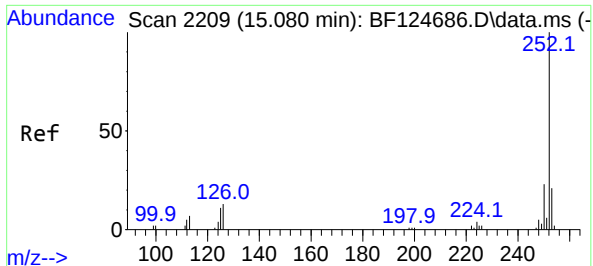
Tgt Ion:264 Resp: 13434
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.7 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
AREA-1-(0-5)

Manual Integrations
APPROVED

mohammad
7/29/2021 1:43:30 PM



#88

Benzo(b)fluoranthene

Concen: 2.083 ng m

RT: 15.074 min Scan# 2208

Delta R.T. -0.006 min

Lab File: BF124837.D

Acq: 28 Jul 2021 20:26

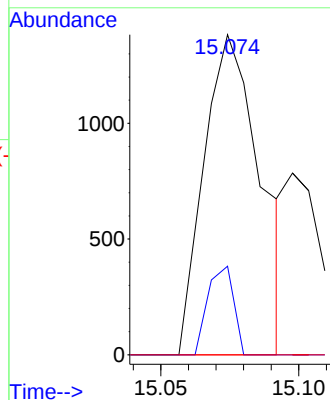
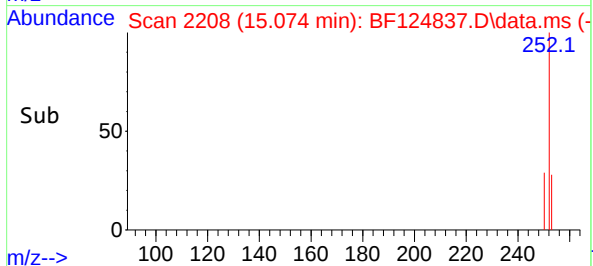
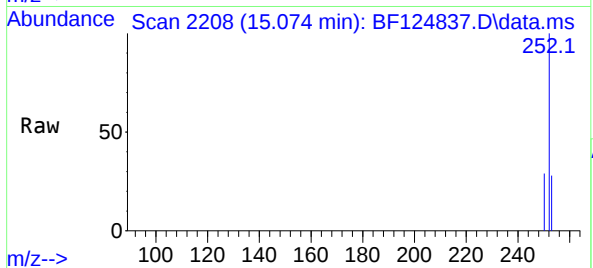
Tgt Ion:252 Resp: 1970

Ion Ratio Lower Upper

252 100

253 27.7 16.8 25.2#

125 0.0 9.8 14.8#



Instrument :

BNA_F

ClientSampleId :

AREA-1-(0-5)

Manual Integrations

APPROVED

mohammad

7/29/2021 1:43:30 PM