

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125887.D
 Acq On : 18 Oct 2021 20:27
 Operator : JU/CG
 Sample : M4253-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 131

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:09:53 PM

Quant Time: Oct 19 09:08:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	157918	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	601106	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	260865	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	395412	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	361810	20.00	ng	0.00
86) Perylene-d12	15.421	264	249931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774746	80.15	ng	0.00
7) Phenol-d6	6.445	99	907924	72.96	ng	-0.01
23) Nitrobenzene-d5	7.381	82	515632	53.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	183051	71.07	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	952264	62.96	ng	0.00
79) Terphenyl-d14	12.921	244	854778	35.99	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	14.998	252	58484m	4.14	ng	Qvalue
90) Benzo(a)pyrene	15.357	252	42370	3.39	ng	# 89

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

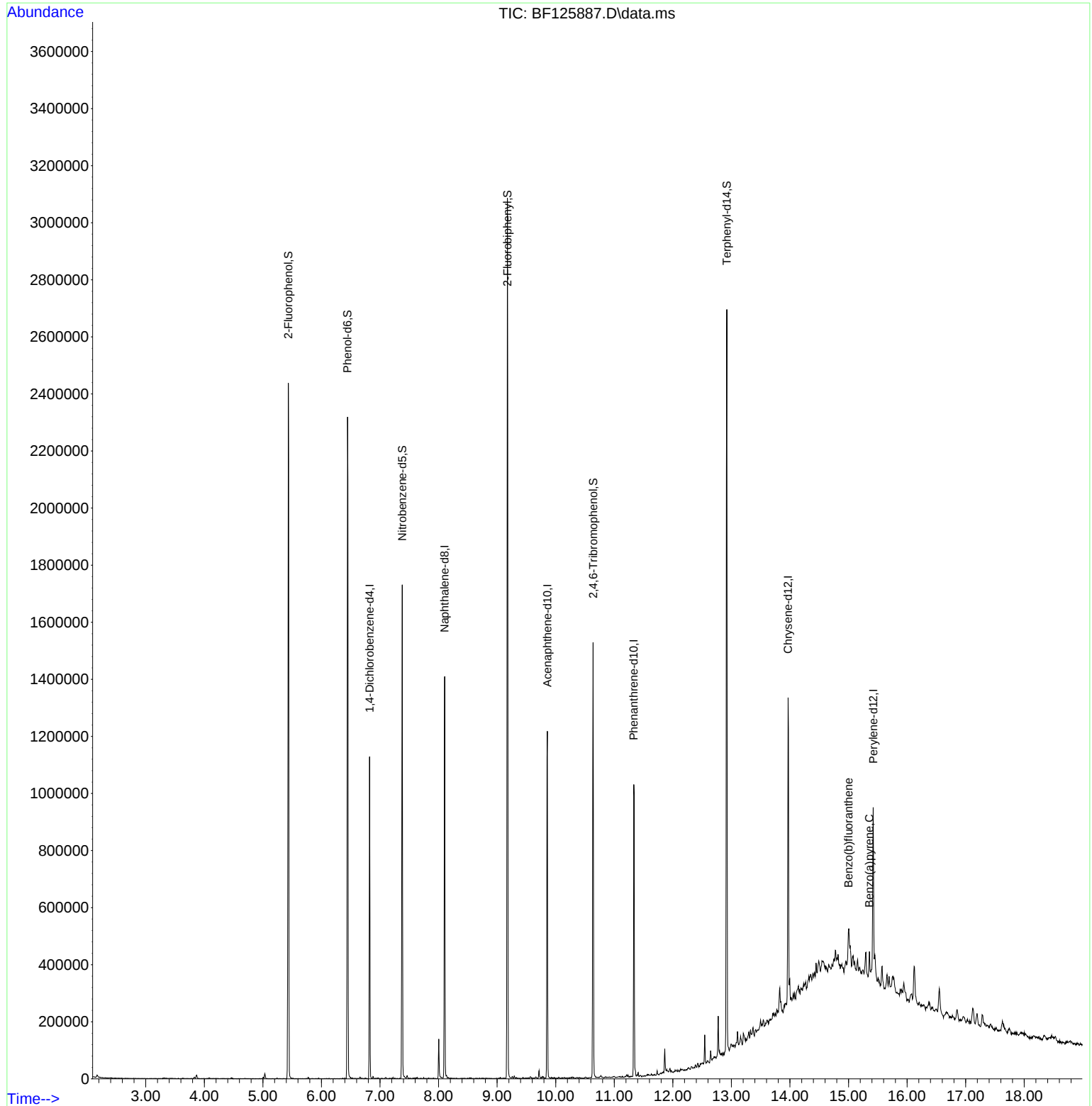
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125887.D
Acq On : 18 Oct 2021 20:27
Operator : JU/CG
Sample : M4253-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
131

Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:53 PM

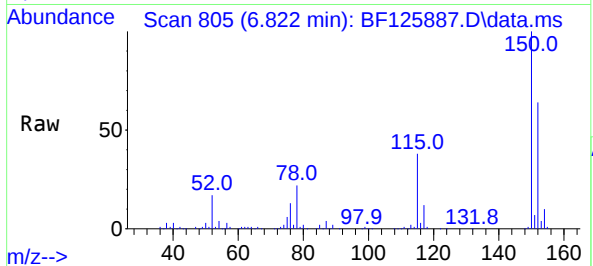
Quant Time: Oct 19 09:08:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

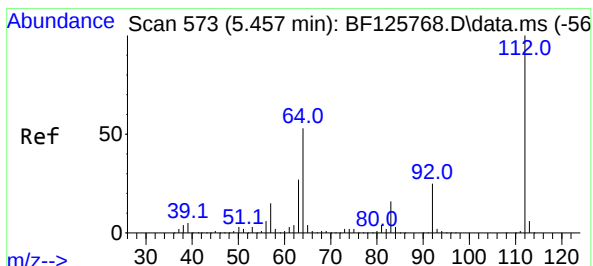
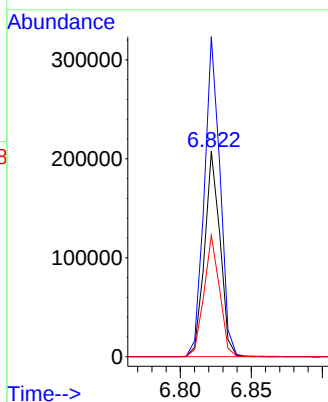
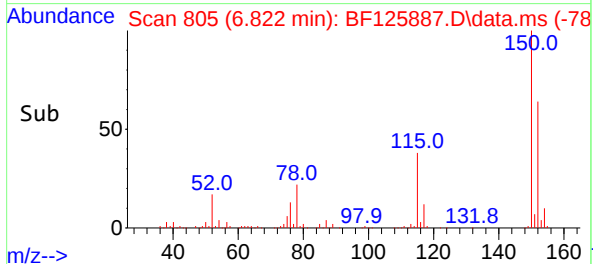
Instrument :
BNA_F
ClientSampled :
131



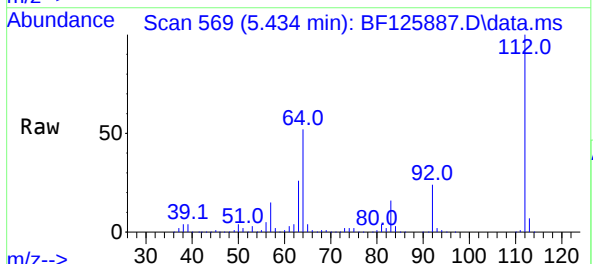
Tgt Ion:152 Resp: 157918
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 59.1 47.1 70.7

Manual Integrations
APPROVED

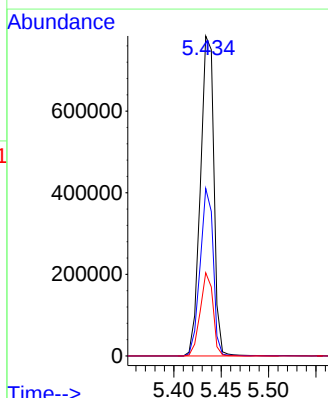
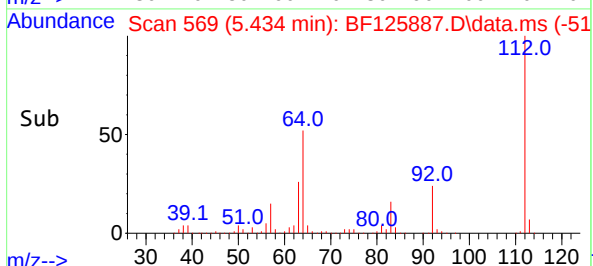
mohammad
10/19/2021 12:09:53 PM



#5
2-Fluorophenol
Concen: 80.15 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

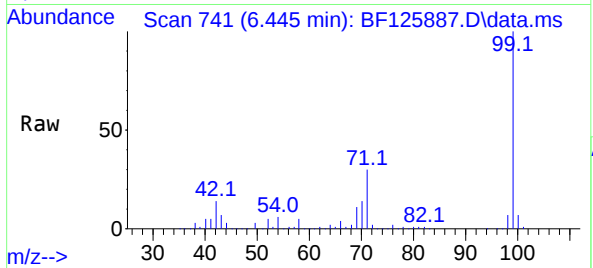


Tgt Ion:112 Resp: 774746
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 26.0 26.2 39.2#

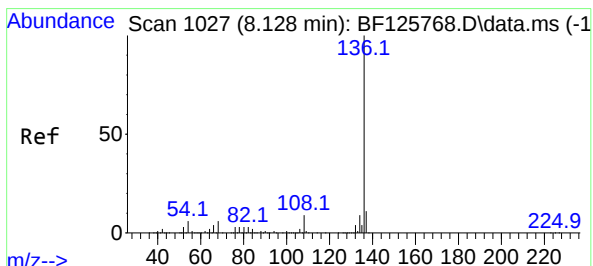
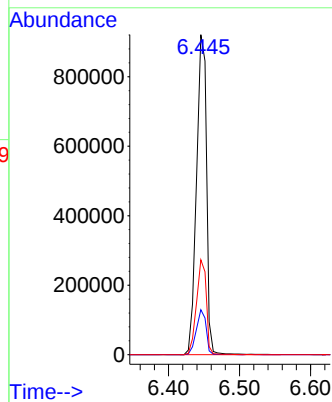
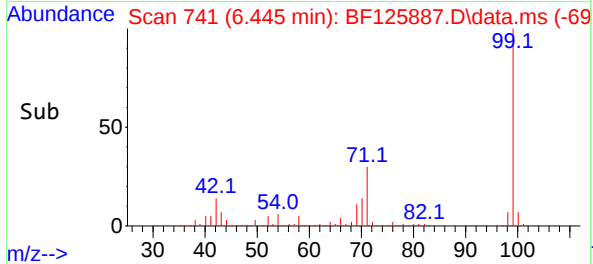




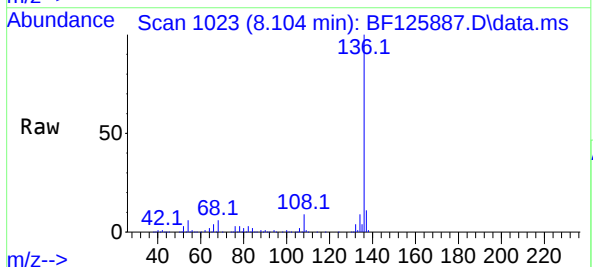
#7
Phenol-d6
Concen: 72.96 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



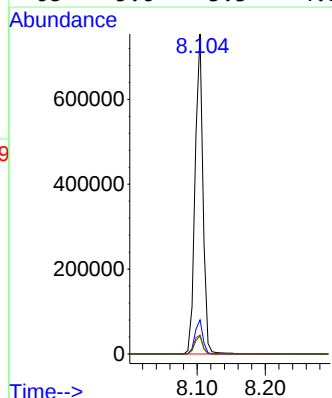
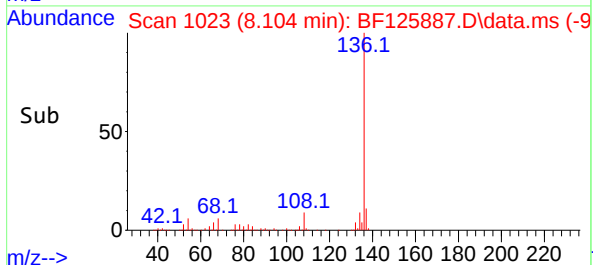
Tgt Ion: 99 Resp: 907924
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



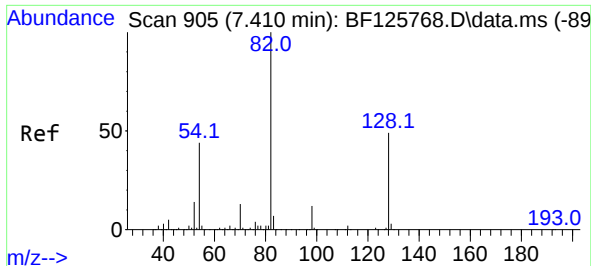
Tgt Ion: 136 Resp: 601106
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 5.9 6.4 9.6#
68 5.6 3.3 4.9#



Instrument :
BNA_F
ClientSampled :
131

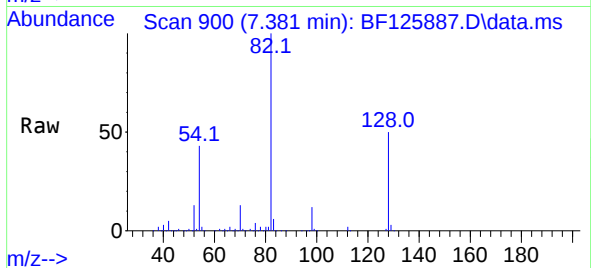
Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:53 PM



#23
Nitrobenzene-d5
Concen: 53.32 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

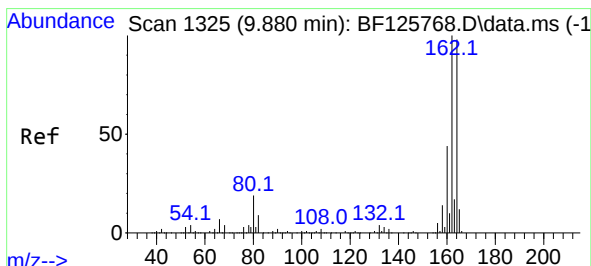
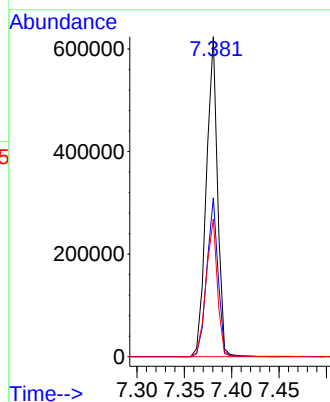
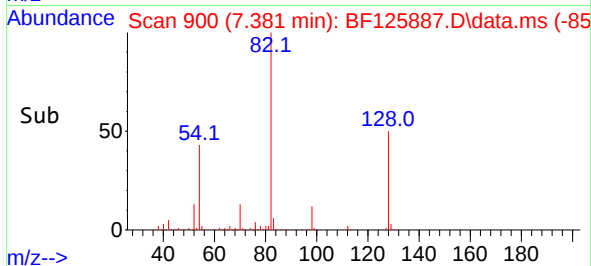
Instrument :
BNA_F
ClientSampled :
131



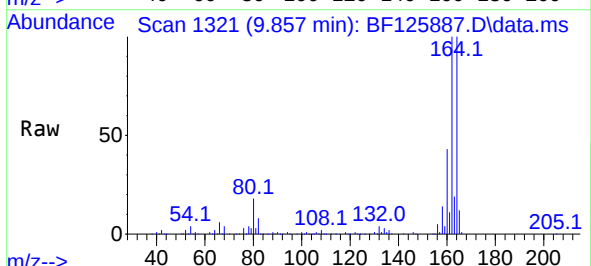
Tgt Ion: 82 Resp: 515632
Ion Ratio Lower Upper
82 100
128 49.7 40.6 60.8
54 43.0 49.6 74.4#

Manual Integrations
APPROVED

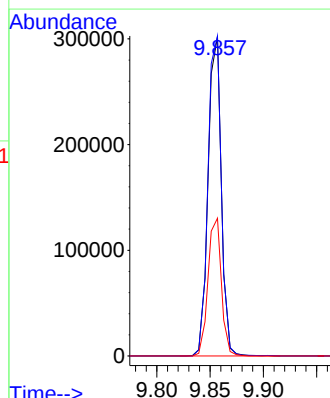
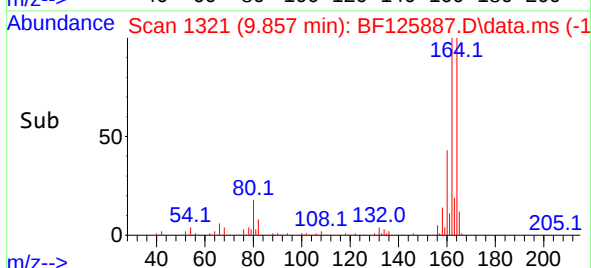
mohammad
10/19/2021 12:09:53 PM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

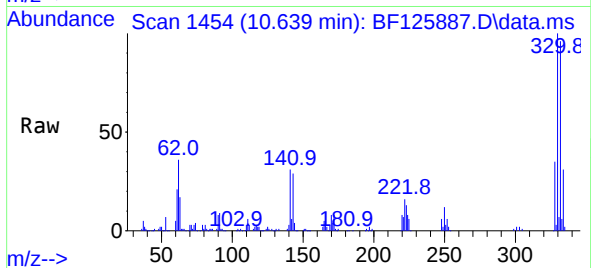


Tgt Ion: 164 Resp: 260865
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.1 38.0 57.0

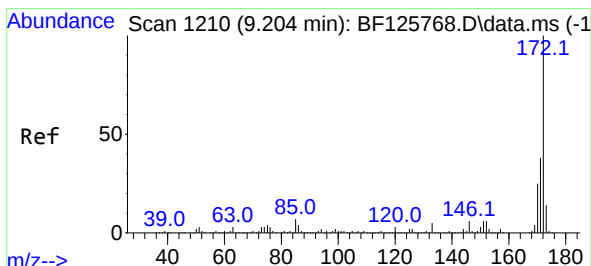
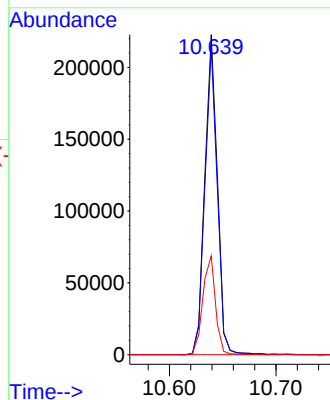
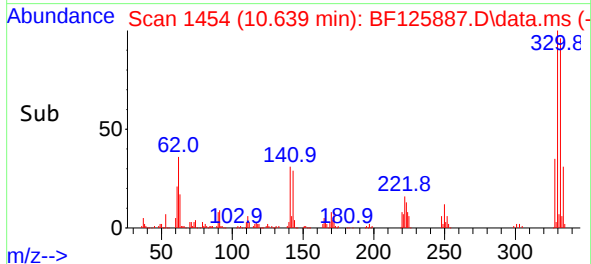




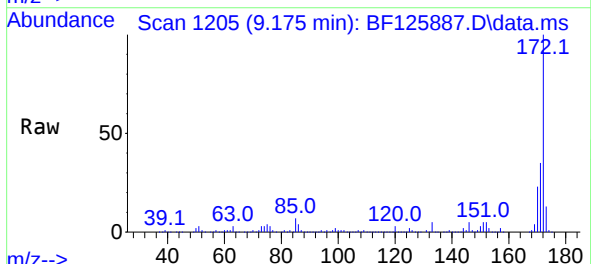
#42
2,4,6-Tribromophenol
Concen: 71.07 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



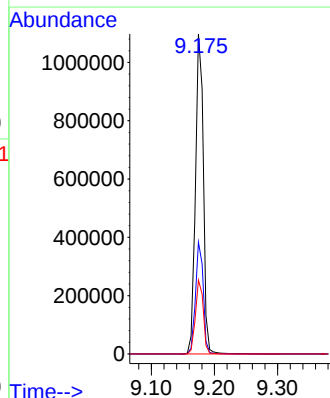
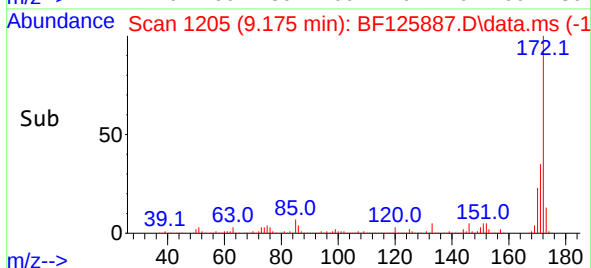
Tgt Ion: 330 Resp: 183051
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.96 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



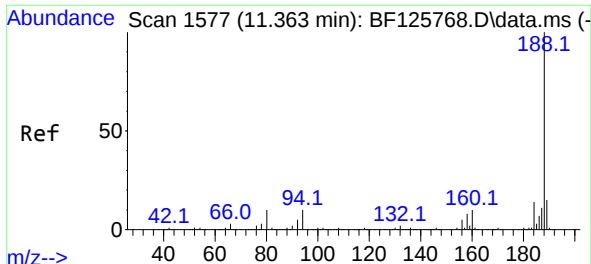
Tgt Ion: 172 Resp: 952264
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.1 18.8 28.2



Instrument :
BNA_F
ClientSampled :
131

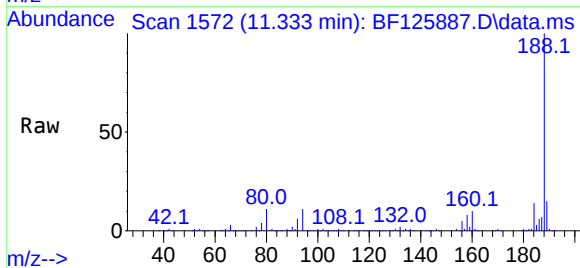
Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:53 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

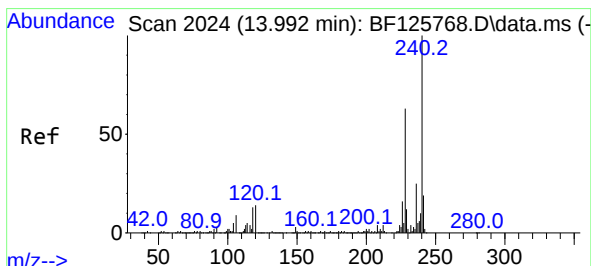
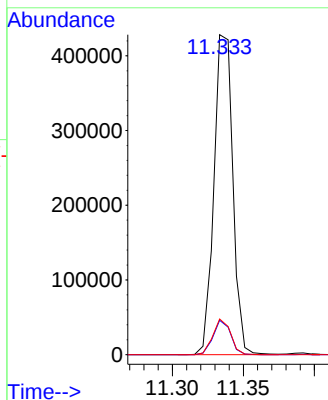
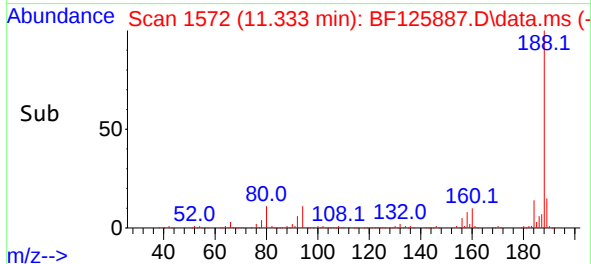
Instrument :
BNA_F
ClientSampled :
131



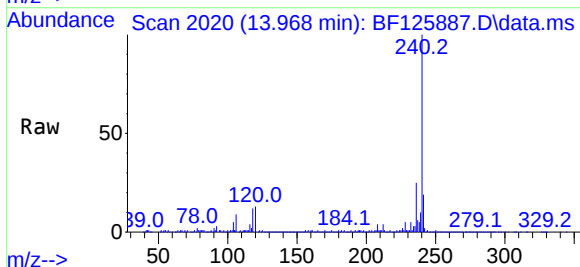
Tgt Ion:188 Resp: 395412
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.2 7.5 11.3

Manual Integrations
APPROVED

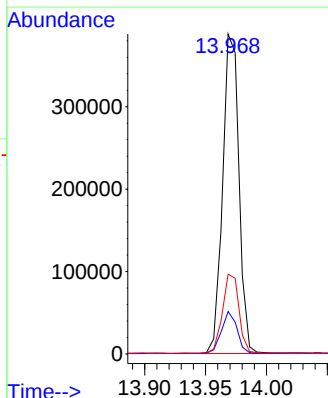
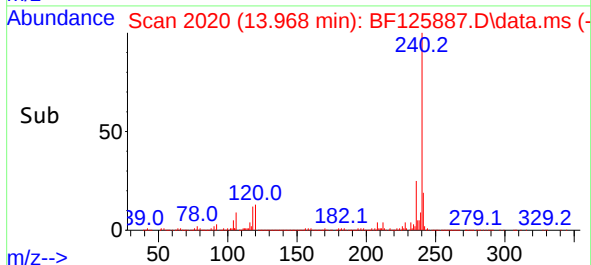
mohammad
10/19/2021 12:09:53 PM

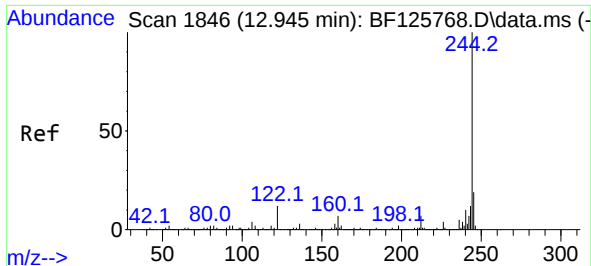


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

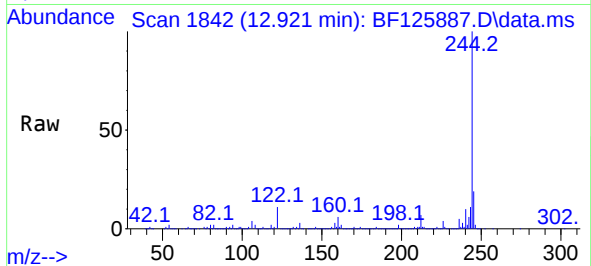


Tgt Ion:240 Resp: 361810
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.0 21.6 32.4

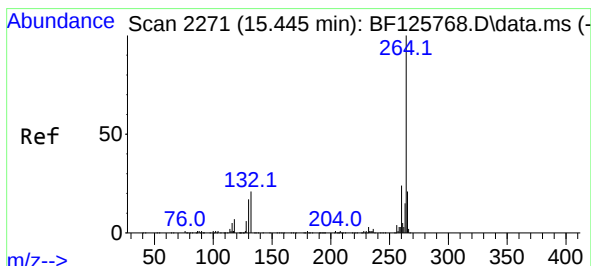
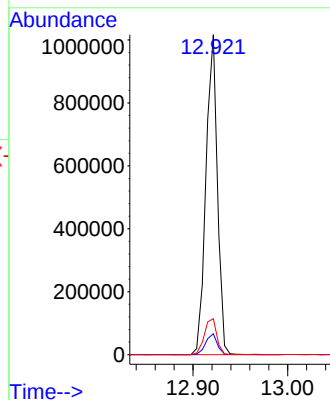
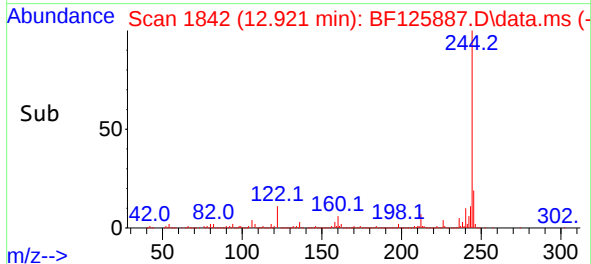




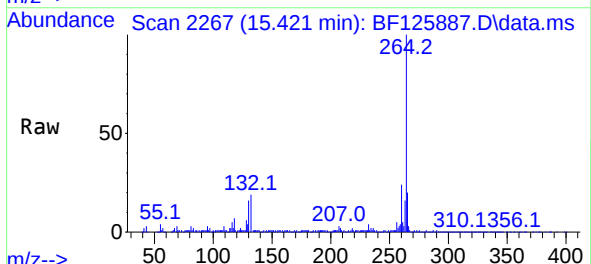
#79
Terphenyl-d14
Concen: 35.99 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



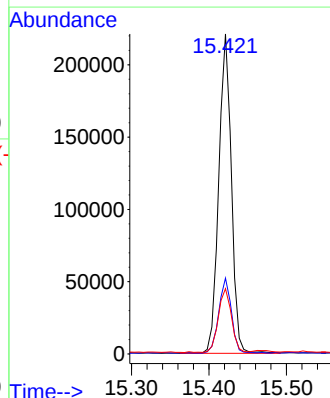
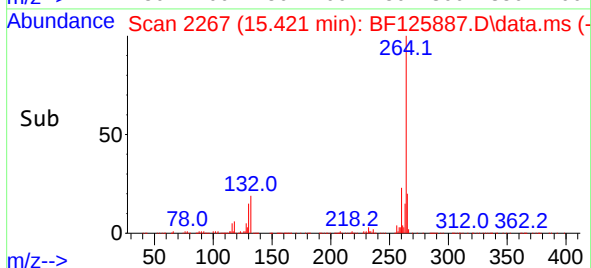
Tgt Ion:244 Resp: 854778
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



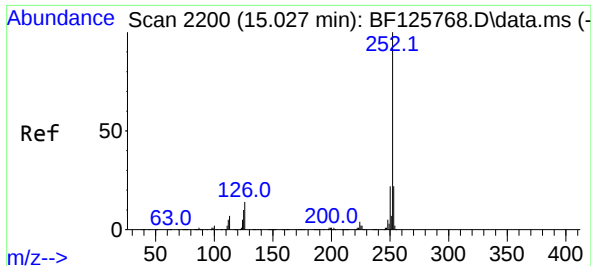
Tgt Ion:264 Resp: 249931
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.4 17.2 25.8



Instrument :
BNA_F
ClientSampled :
131

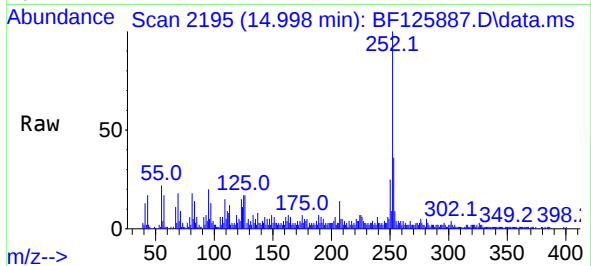
Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:53 PM



#88
Benzo(b)fluoranthene
Concen: 4.14 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

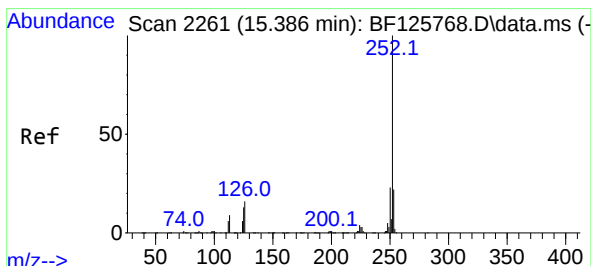
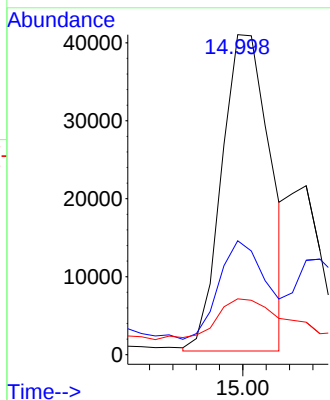
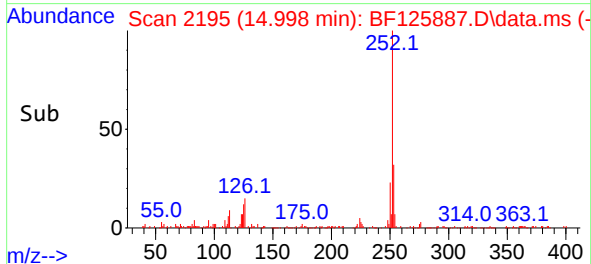
Instrument :
BNA_F
ClientSampled :
131



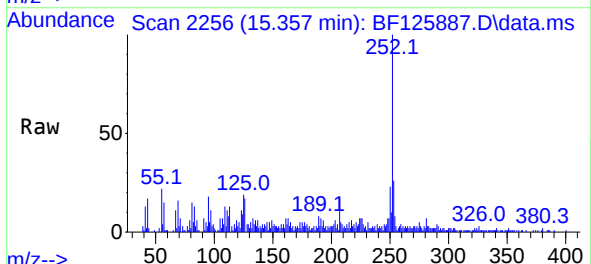
Tgt Ion:252 Resp: 58484
Ion Ratio Lower Upper
252 100
253 35.6 16.8 25.2#
125 17.5 9.8 14.8#

Manual Integrations
APPROVED

mohammad
10/19/2021 12:09:53 PM



#90
Benzo(a)pyrene
Concen: 3.39 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27



Tgt Ion:252 Resp: 42370
Ion Ratio Lower Upper
252 100
253 26.4 18.4 27.6
125 19.5 9.9 14.9#

