

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123270.D
 Acq On : 22 Feb 2021 21:26
 Operator : JU/CG
 Sample : M1452-21 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
 APPROVED

mohammad
 2/23/2021 3:44:12 PM

Quant Time: Feb 23 03:51:44 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	6.857	152	119949	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	487487	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	252416	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	473014	20.00	ng	0.00
76) Chrysene-d12	14.039	240	330271	20.00	ng	0.00
86) Perylene-d12	15.510	264	268419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	177483	21.30	ng	0.00
7) Phenol-d6	6.481	99	192870	17.04	ng	-0.01
23) Nitrobenzene-d5	7.410	82	125953	11.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	37650	14.65	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	182852	10.41	ng	0.00
79) Terphenyl-d14	12.974	244	175414	10.21	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.604	202	96796	3.26	ng	99
78) Pyrene	12.833	202	86863	3.37	ng	97
88) Benzo(b)fluoranthene	15.080	252	43303m	2.30	ng	

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

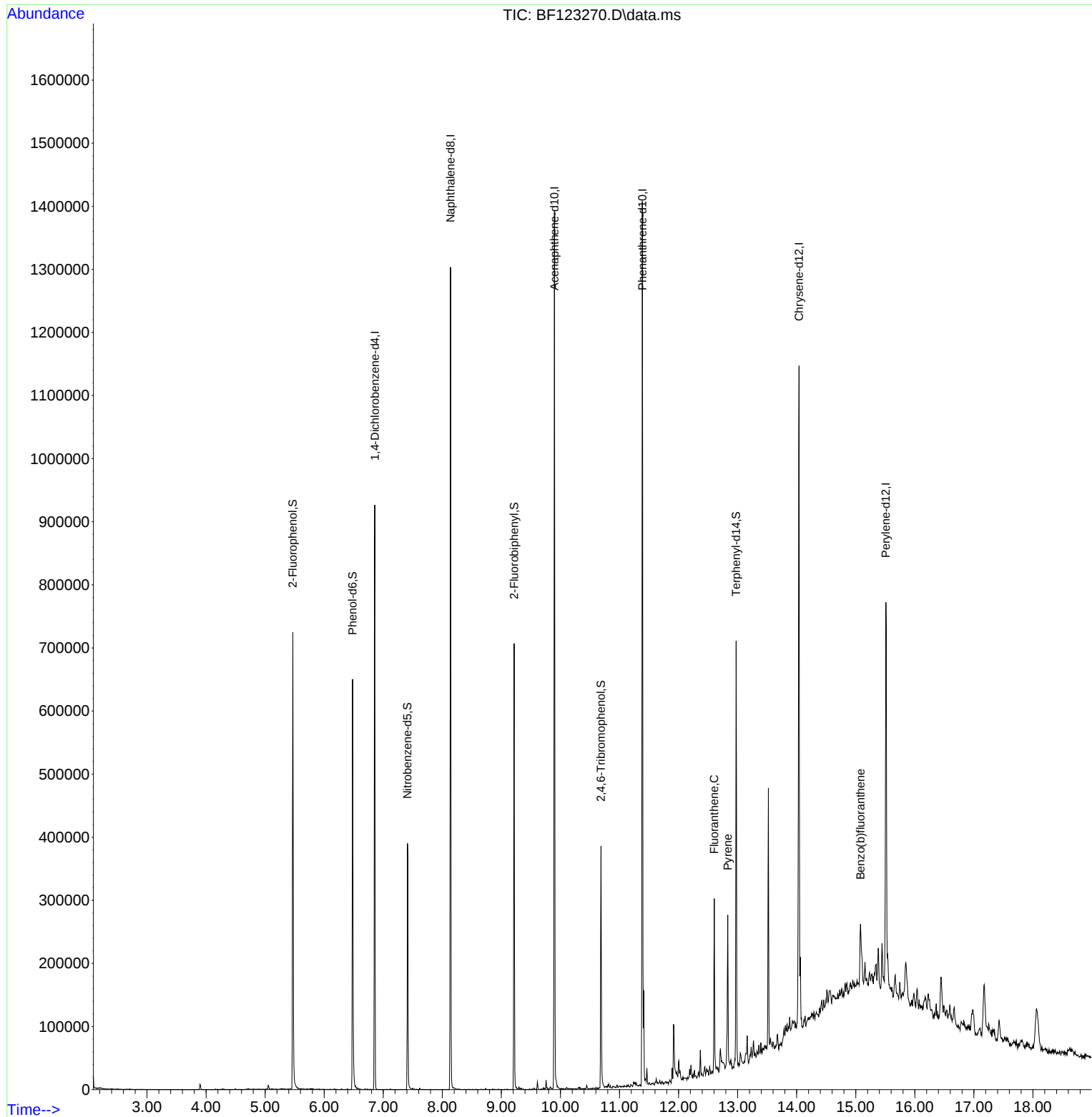
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123270.D
Acq On : 22 Feb 2021 21:26
Operator : JU/CG
Sample : M1452-21 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

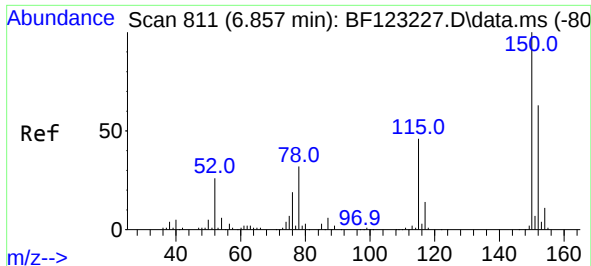
Instrument :
BNA_F
ClientSampleId :
TP-6

Manual Integrations
APPROVED

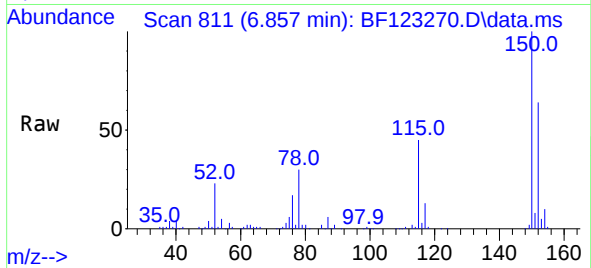
mohammad
2/23/2021 3:44:12 PM

Quant Time: Feb 23 03:51:44 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

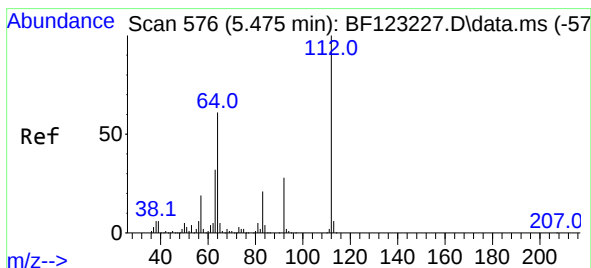
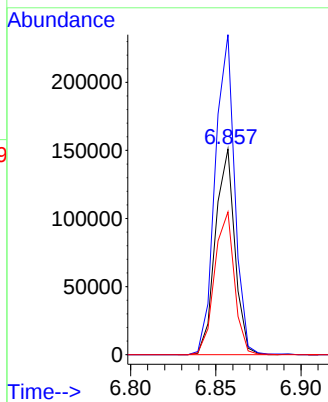
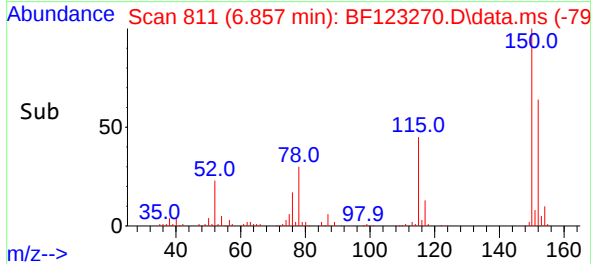




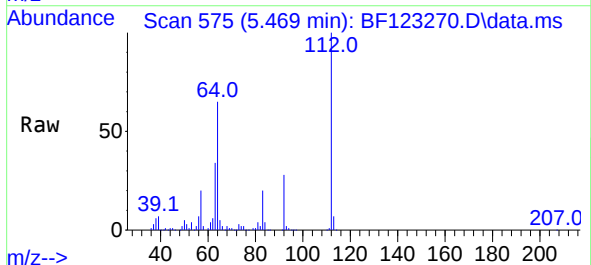
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



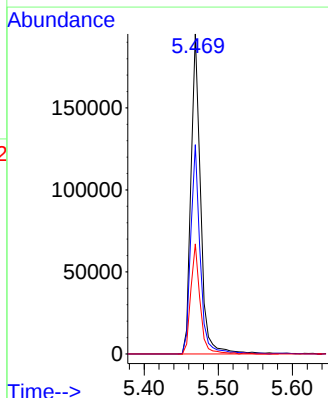
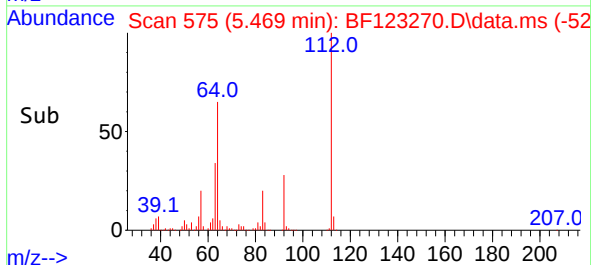
Tgt Ion:152 Resp: 119949
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 69.4 49.3 73.9



#5
2-Fluorophenol
Concen: 21.30 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



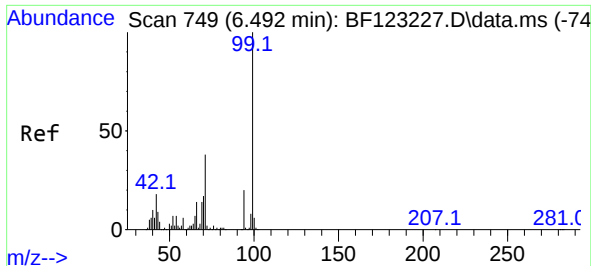
Tgt Ion:112 Resp: 177483
Ion Ratio Lower Upper
112 100
64 65.4 46.9 70.3
63 34.4 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
TP-6

Manual Integrations
APPROVED

mohammad
2/23/2021 3:44:12 PM



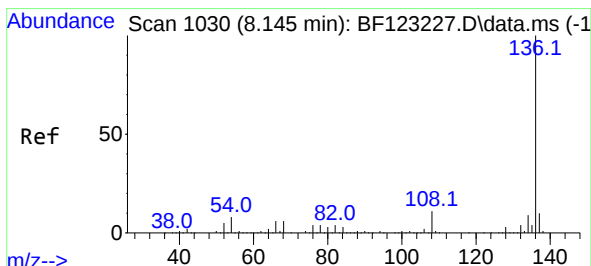
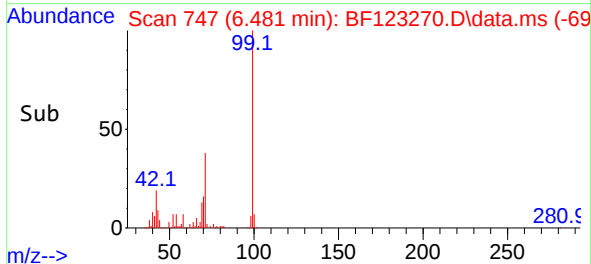
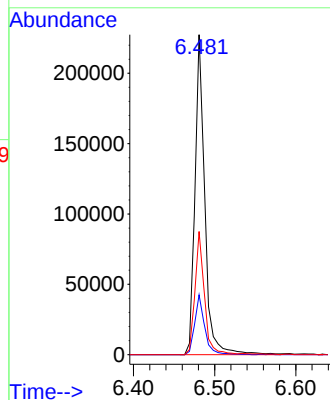
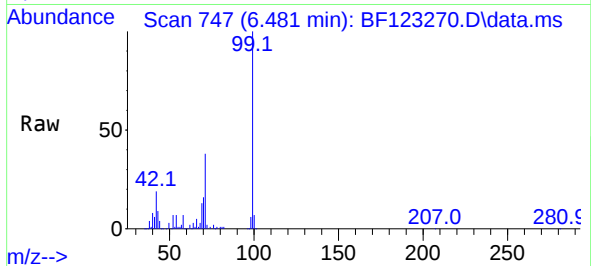
#7
Phenol-d6
Concen: 17.04 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:	99	Resp:	192870
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.8	20.6
71	38.5	26.9	40.3

Instrument :
BNA_F
ClientSampled :
TP-6

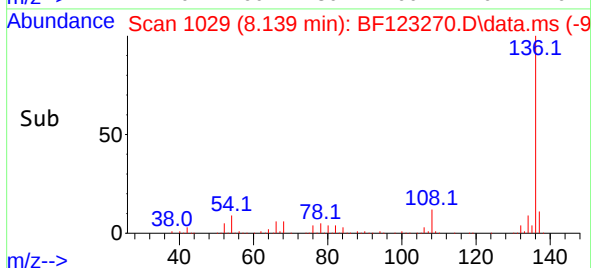
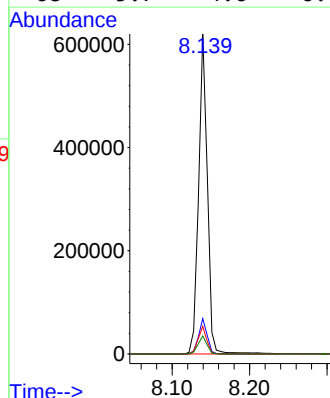
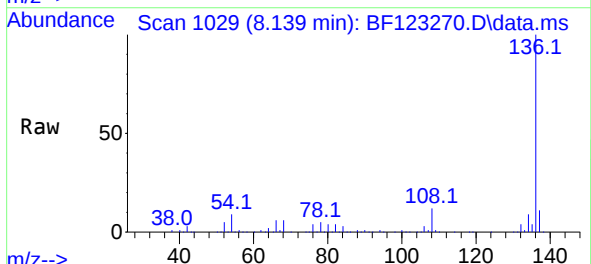
Manual Integrations
APPROVED

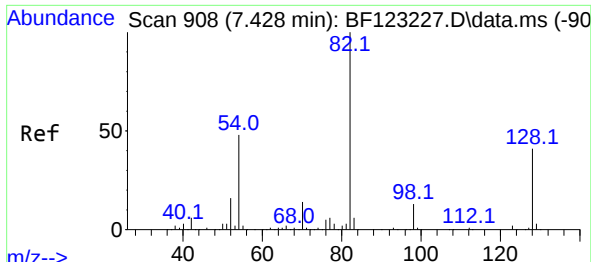
mohammad
2/23/2021 3:44:12 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:	136	Resp:	487487
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	5.5	8.3#
68	5.7	4.6	6.8





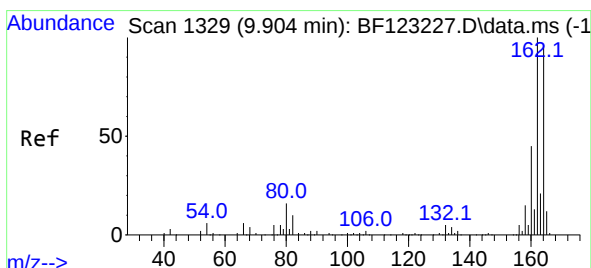
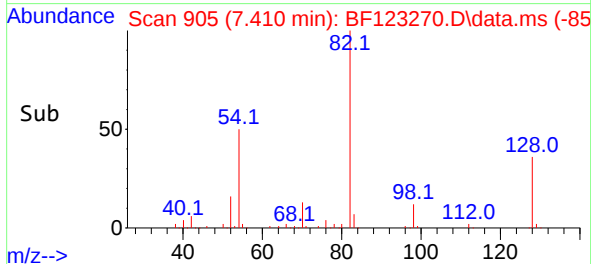
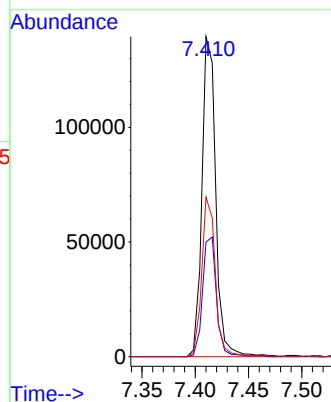
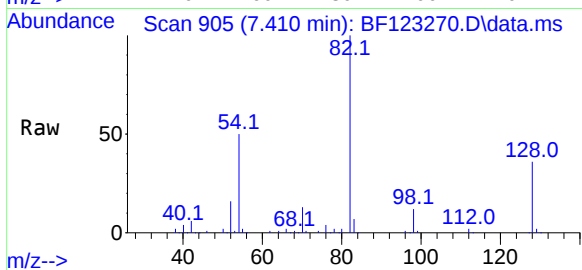
#23
Nitrobenzene-d5
Concen: 11.83 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 82 Resp: 125953
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.4#
54 49.8 38.4 57.6

Instrument :
BNA_F
ClientSampled :
TP-6

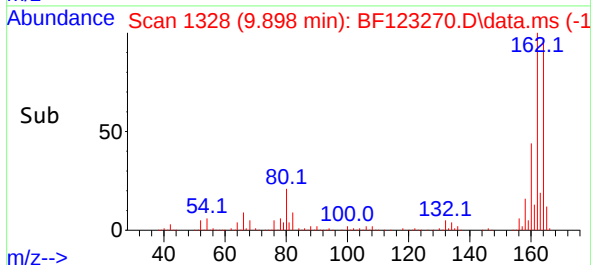
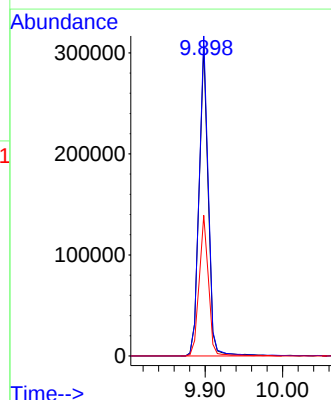
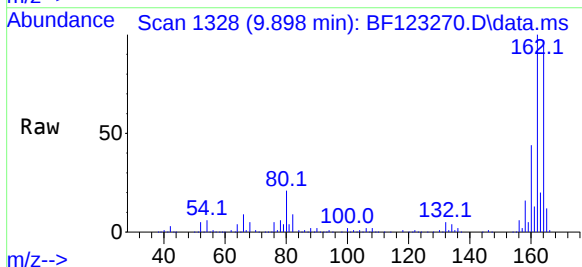
Manual Integrations
APPROVED

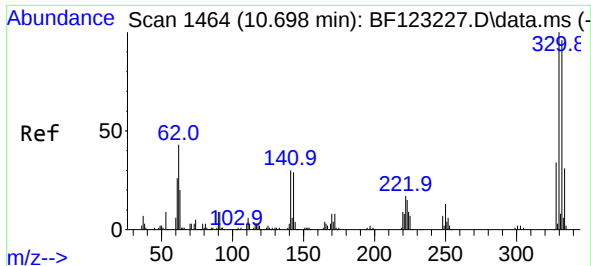
mohammad
2/23/2021 3:44:12 PM



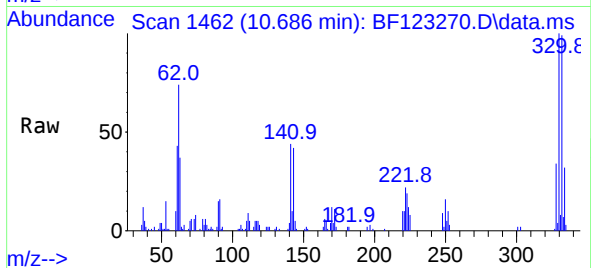
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:164 Resp: 252416
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.4 35.4 53.0

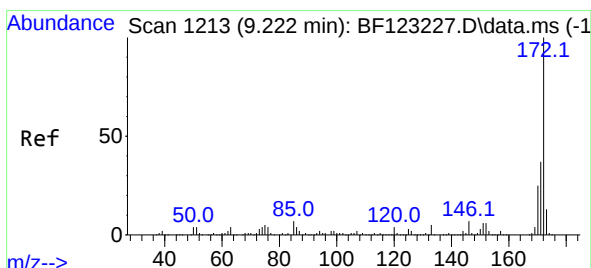
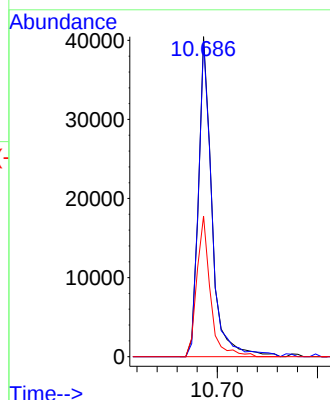
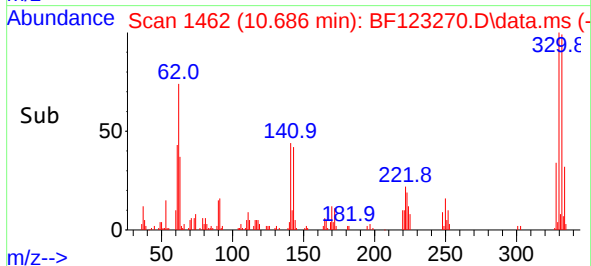




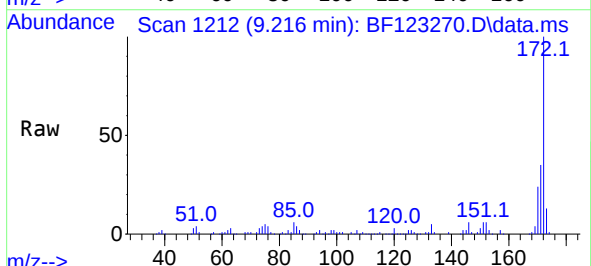
#42
2,4,6-Tribromophenol
Concen: 14.65 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



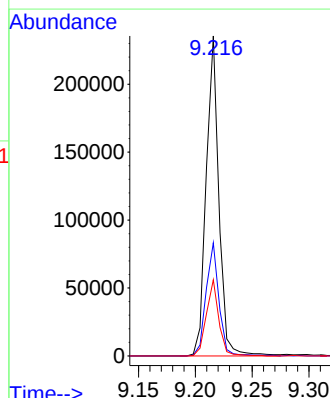
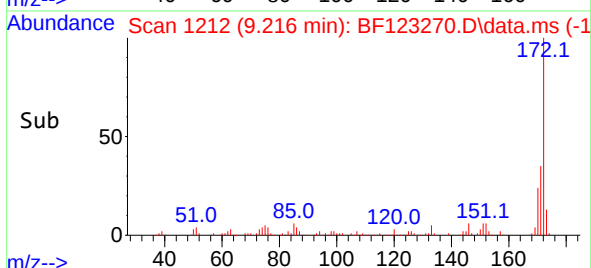
Tgt Ion: 330 Resp: 37650
Ion Ratio Lower Upper
330 100
332 99.3 77.5 116.3
141 44.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 10.41 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



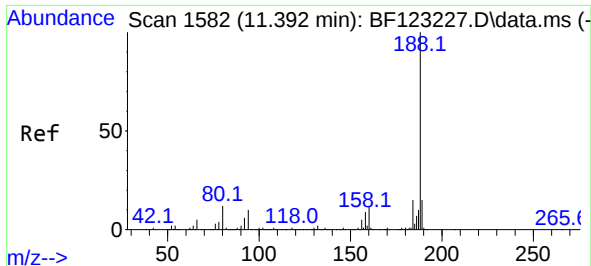
Tgt Ion: 172 Resp: 182852
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.5 29.3



Instrument :
BNA_F
ClientSampleId :
TP-6

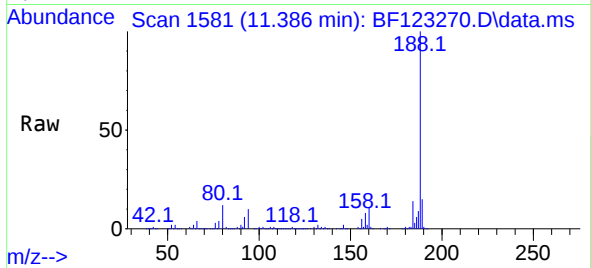
Manual Integrations
APPROVED

mohammad
2/23/2021 3:44:12 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

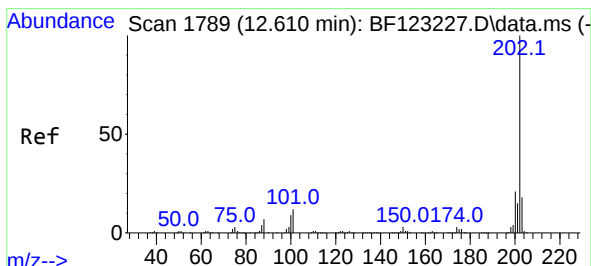
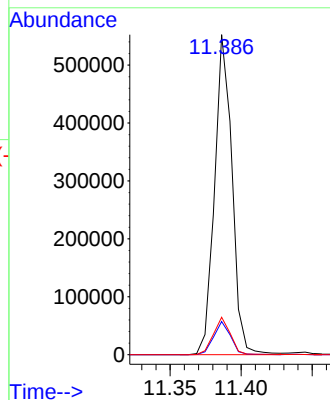
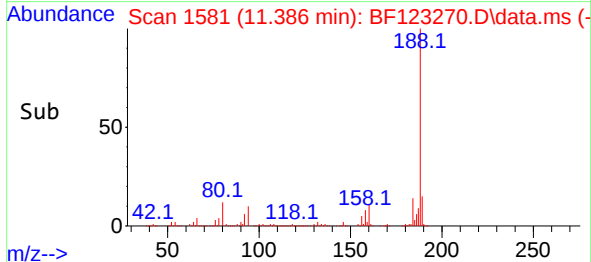
Instrument :
BNA_F
ClientSampled :
TP-6



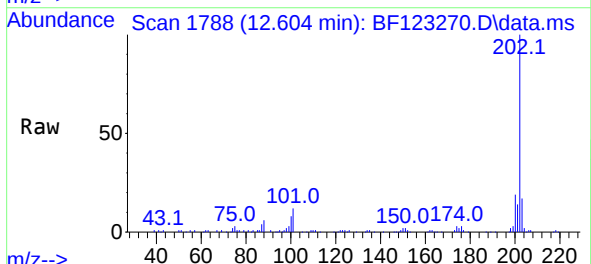
Tgt Ion:188 Resp: 473014
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.7 8.2 12.4

Manual Integrations
APPROVED

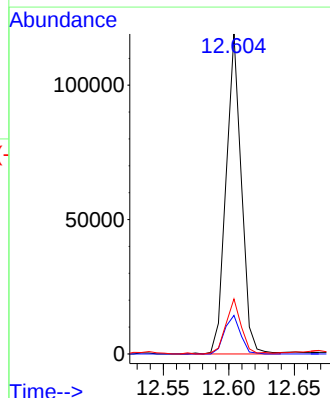
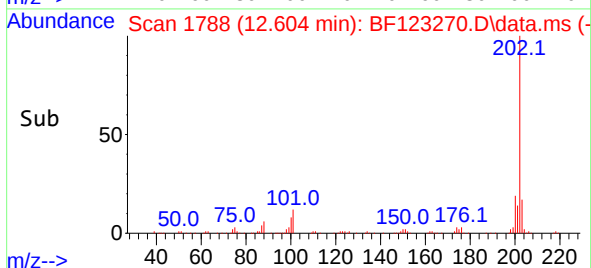
mohammad
2/23/2021 3:44:12 PM

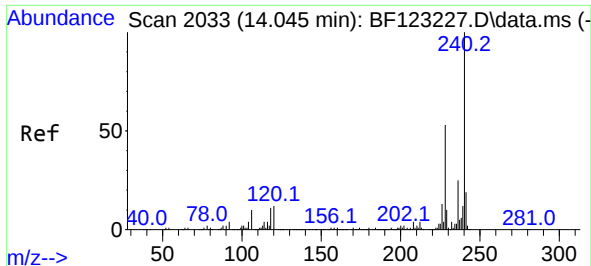


#75
Fluoranthene
Concen: 3.26 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



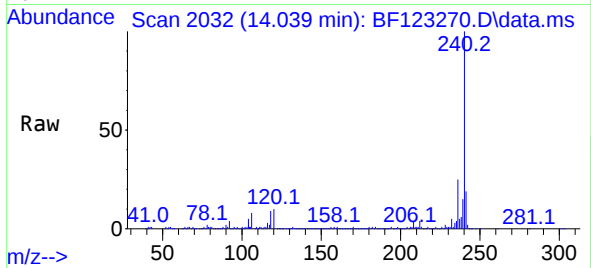
Tgt Ion:202 Resp: 96796
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 17.2 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

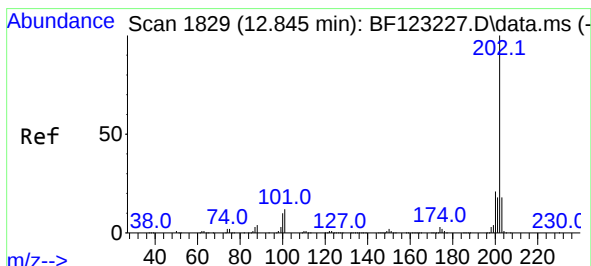
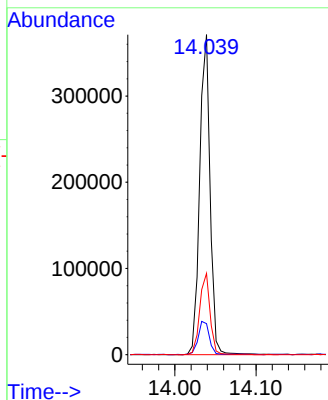
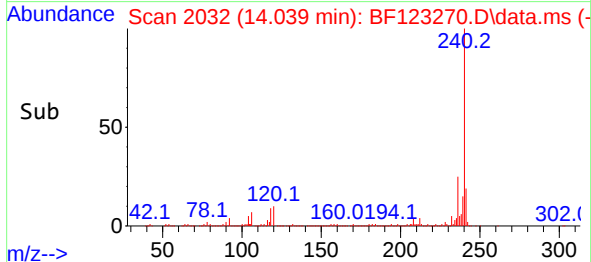
Instrument :
BNA_F
ClientSampled :
TP-6



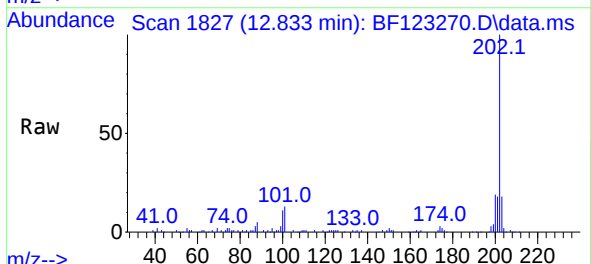
Tgt Ion:240 Resp: 330271
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.4 20.3 30.5

Manual Integrations
APPROVED

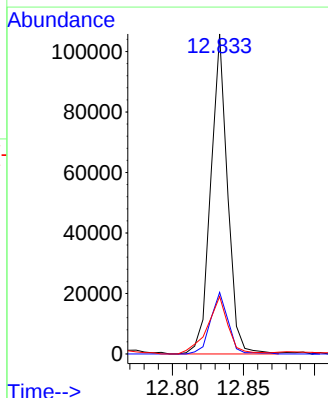
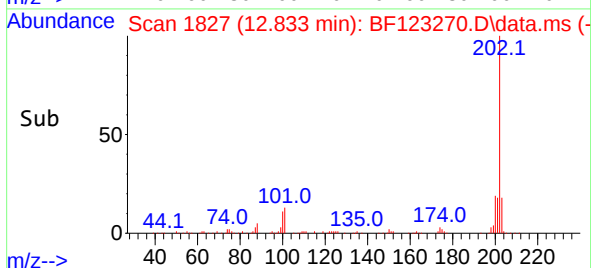
mohammad
2/23/2021 3:44:12 PM

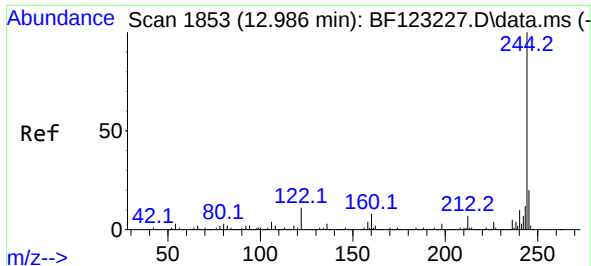


#78
Pyrene
Concen: 3.37 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

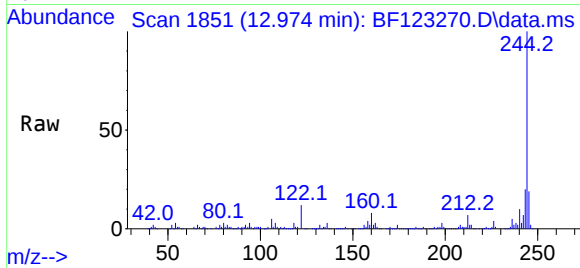


Tgt Ion:202 Resp: 86863
Ion Ratio Lower Upper
202 100
200 19.2 17.6 26.4
203 17.9 14.6 21.8

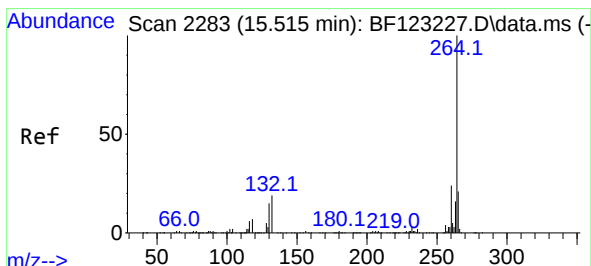
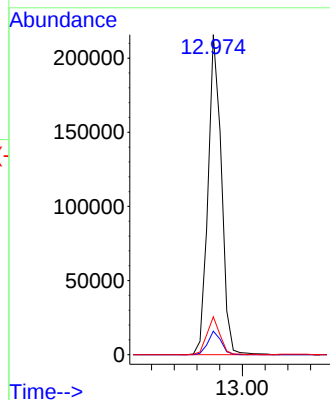
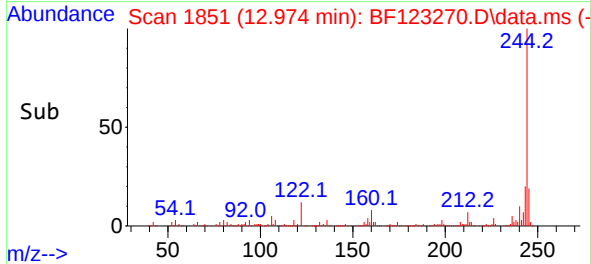




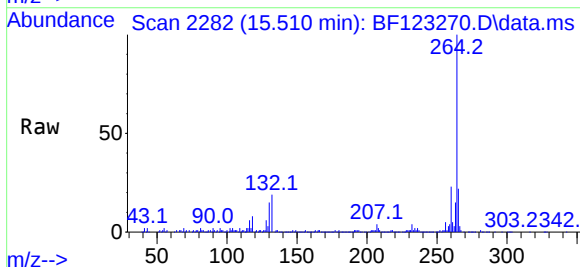
#79
Terphenyl-d14
Concen: 10.21 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



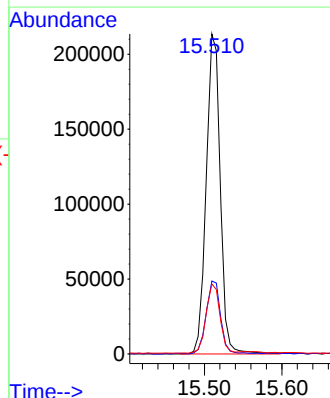
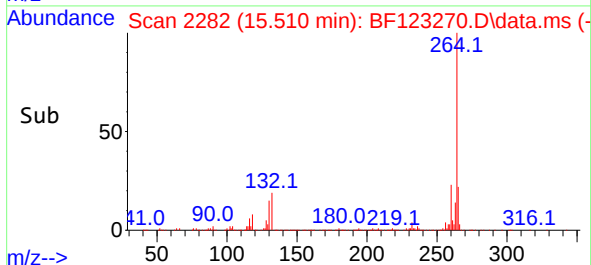
Tgt Ion:244 Resp: 175414
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26



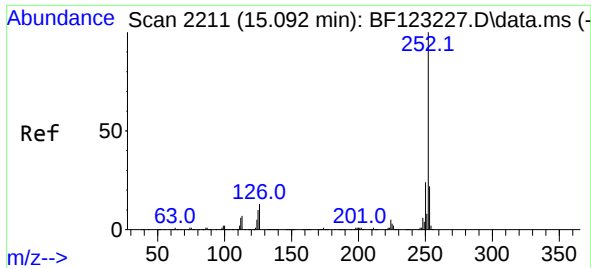
Tgt Ion:264 Resp: 268419
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.9 17.0 25.6



Instrument :
BNA_F
ClientSampled :
TP-6

Manual Integrations
APPROVED

mohammad
2/23/2021 3:44:12 PM



#88
Benzo(b)fluoranthene
Concen: 2.30 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 252 Resp: 43303
Ion Ratio Lower Upper
252 100
253 26.4 18.3 27.5
125 13.8 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
TP-6

Manual Integrations
APPROVED

mohammad
2/23/2021 3:44:12 PM

