

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124466.D
 Acq On : 25 Jun 2021 23:00
 Operator : JU/CG
 Sample : M2826-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-1(LIQUID-BLUE)

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:24:21 PM

Quant Time: Jun 26 02:44:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	30474	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	103820	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	49425	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	89157	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	89584	20.000	ng	# 0.01
86) Perylene-d12	15.304	264	77485	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	45813	23.643	ng	0.09
7) Phenol-d6	6.469	99	20287m	8.018	ng	0.11
23) Nitrobenzene-d5	7.269	82	42133	16.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.533	330	11792	19.970	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	70069	17.366	ng	0.00
79) Terphenyl-d14	12.822	244	79040	13.215	ng	0.01
Target Compounds						Qvalue
74) Di-n-butylphthalate	11.798	149	222491	38.284	ng	99
77) Benzidine	12.575	184	123189	68.615	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.851	149	12103	2.782	ng	# 73

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

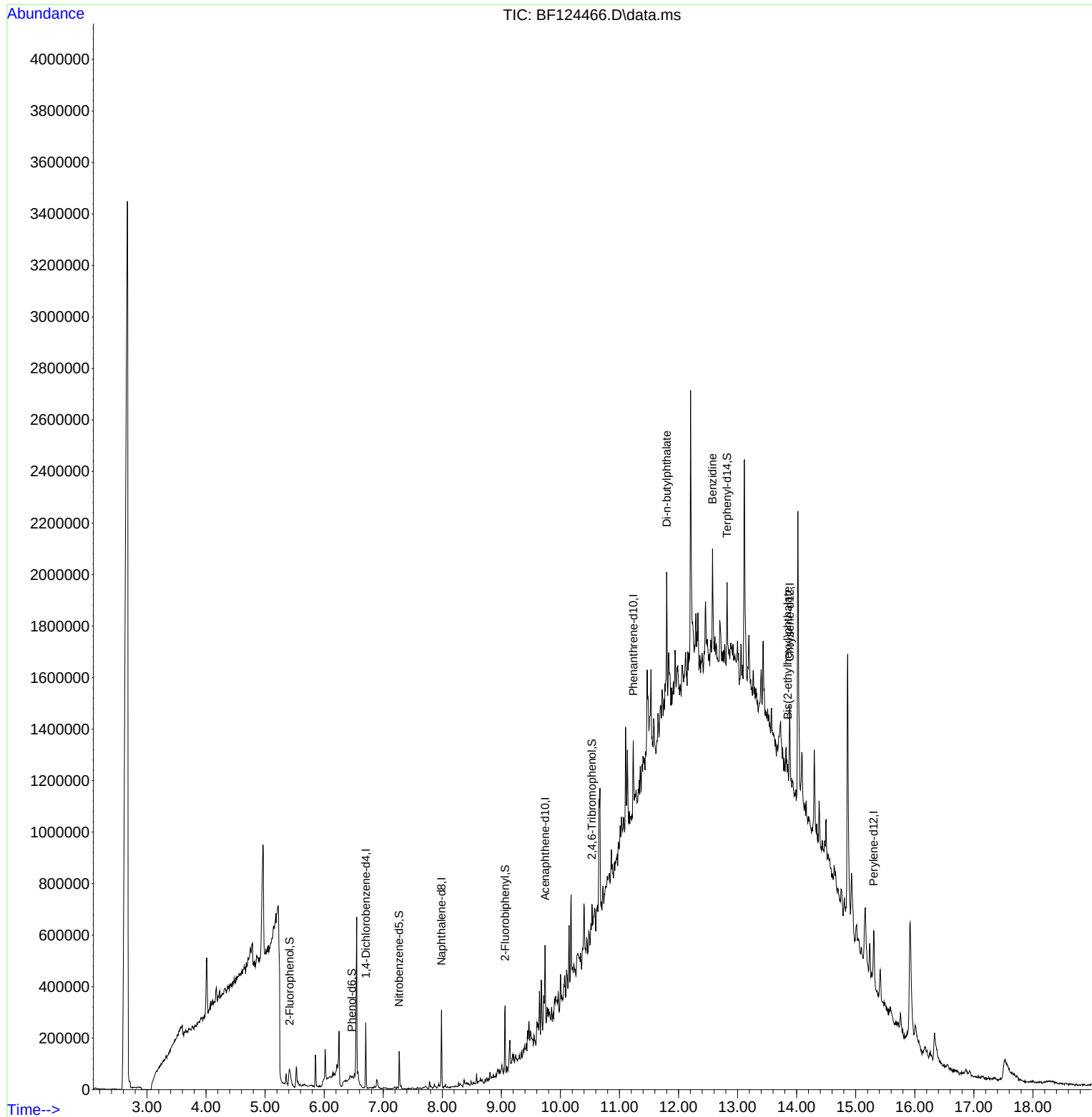
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124466.D
Acq On : 25 Jun 2021 23:00
Operator : JU/CG
Sample : M2826-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

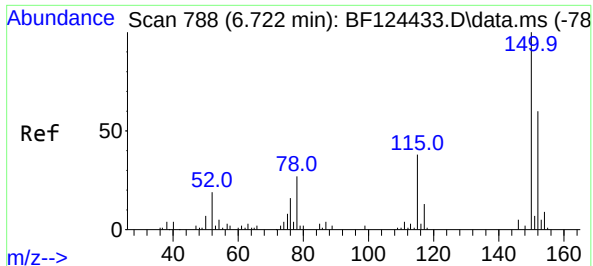
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

Manual Integrations
APPROVED

mohammad
6/28/2021 1:24:21 PM

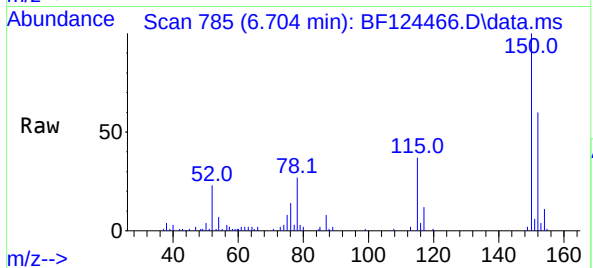
Quant Time: Jun 26 02:44:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

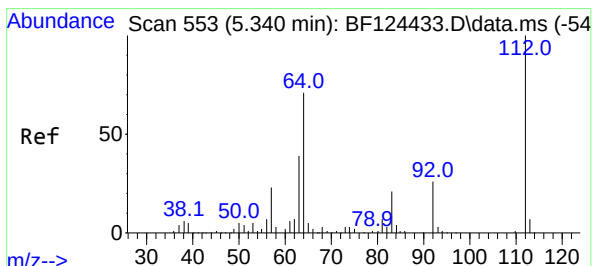
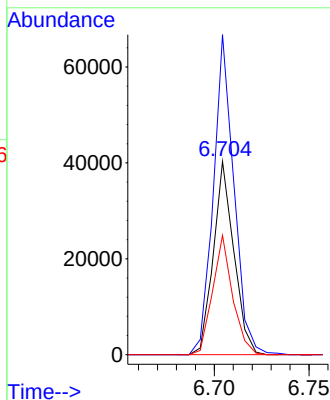
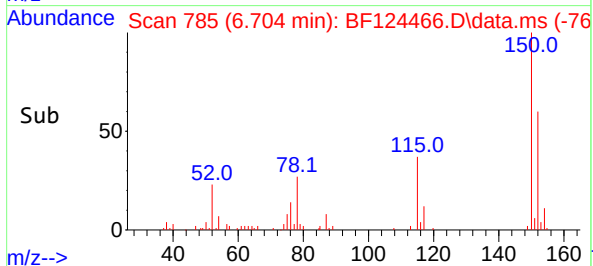
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)



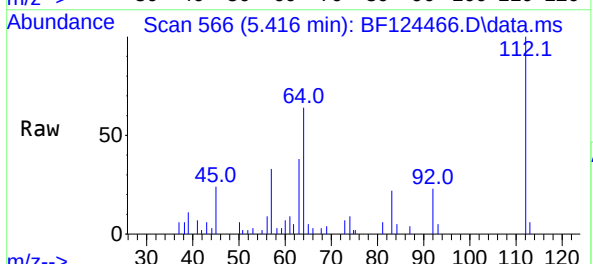
Tgt Ion:152 Resp: 30474
Ion Ratio Lower Upper
152 100
150 165.5 127.0 190.6
115 61.8 54.3 81.5

Manual Integrations
APPROVED

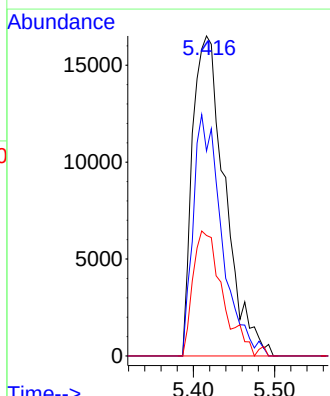
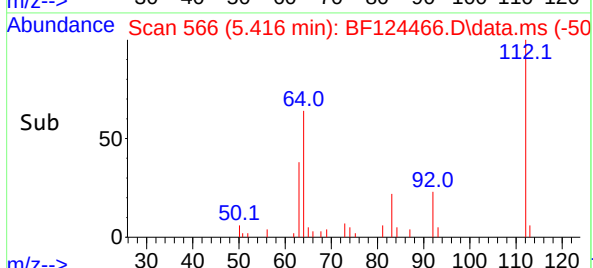
mohammad
6/28/2021 1:24:21 PM



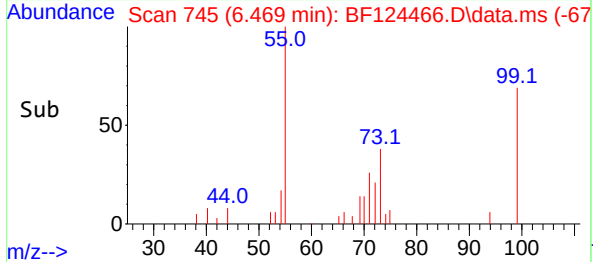
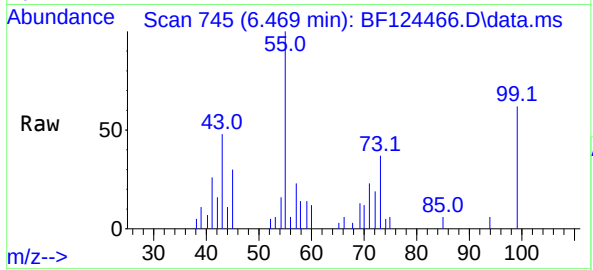
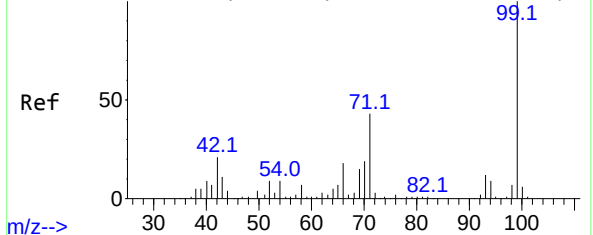
#5
2-Fluorophenol
Concen: 23.643 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.088 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00



Tgt Ion:112 Resp: 45813
Ion Ratio Lower Upper
112 100
64 64.1 61.4 92.0
63 37.7 33.0 49.4



Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72

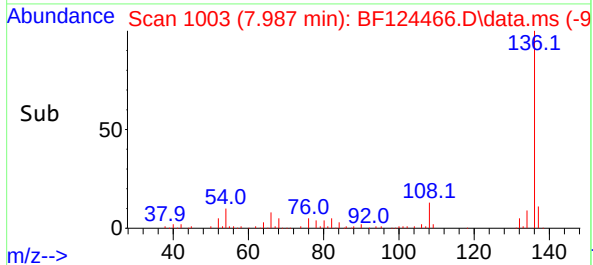
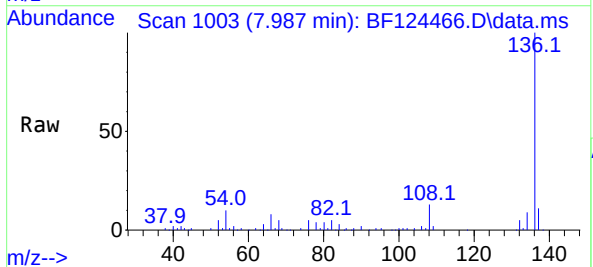
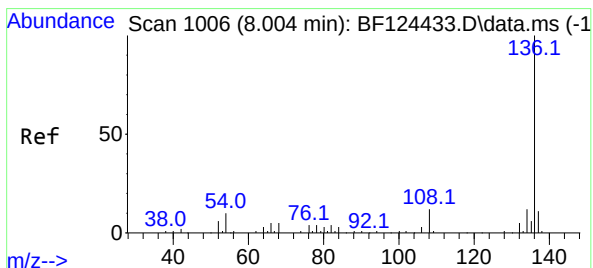
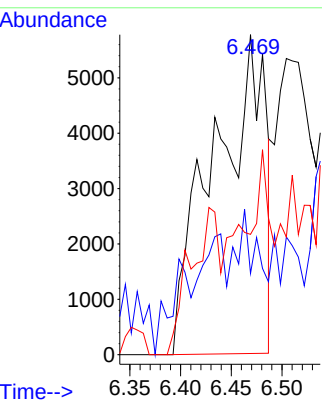


#7

Phenol-d6

Concen: 8.018 ng m
RT: 6.469 min Scan# 745
Delta R.T. 0.106 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:	99	Resp:	20287
Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.8
71	37.6	31.1	46.7

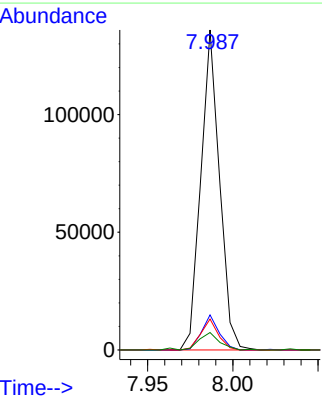


#21

Naphthalene-d8

Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:	136	Resp:	103820
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.7	9.8	14.6#
68	5.4	4.1	6.1



Instrument :

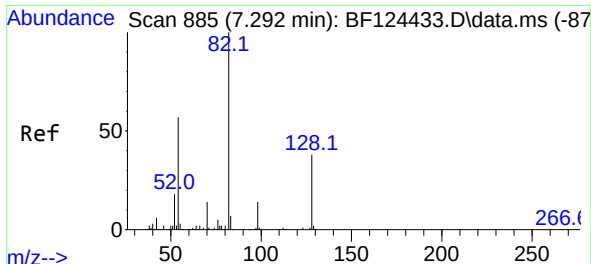
BNA_F

ClientSampleId :

LS-1(LIQUID-BLUE)

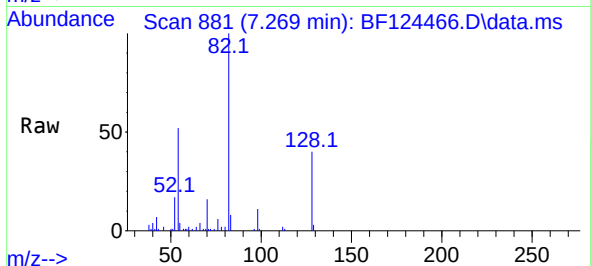
Manual Integrations
APPROVED

mohammad
6/28/2021 1:24:21 PM



#23
Nitrobenzene-d5
Concen: 16.827 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

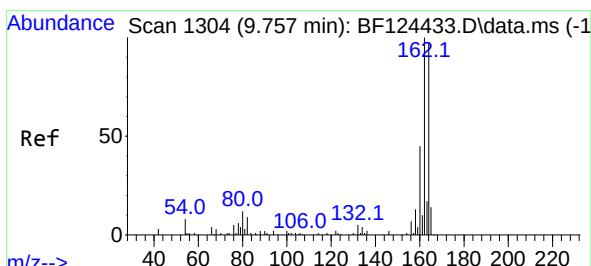
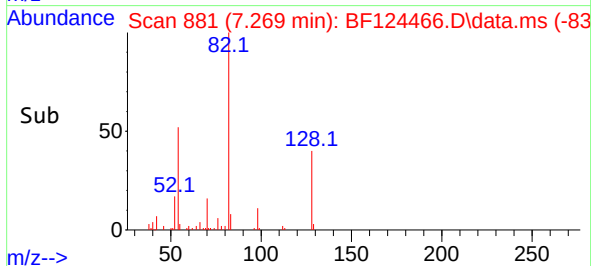
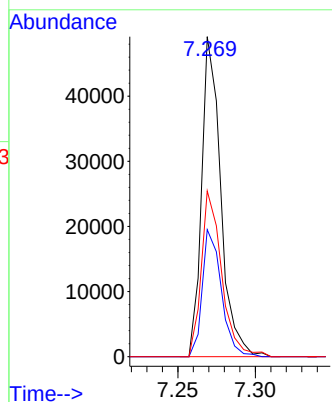
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)



Tgt Ion: 82 Resp: 42133
Ion Ratio Lower Upper
82 100
128 39.7 29.4 44.2
54 51.8 54.1 81.1#

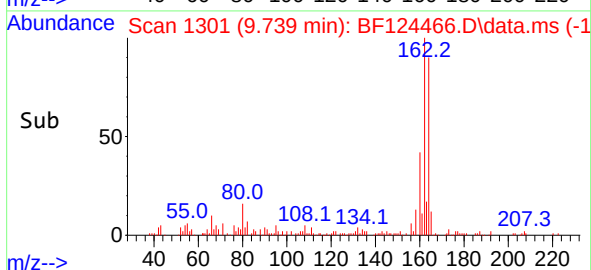
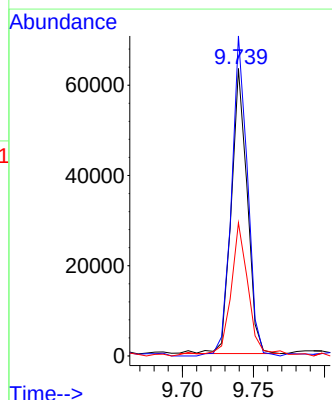
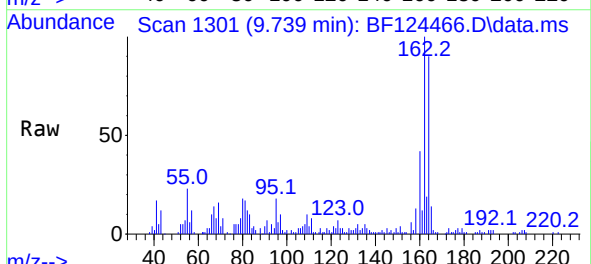
Manual Integrations
APPROVED

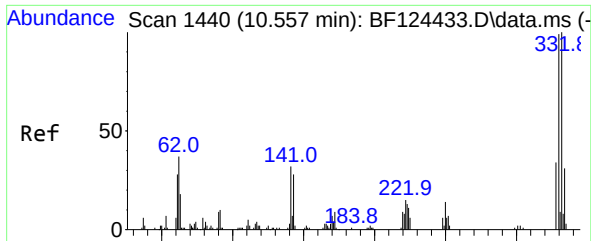
mohammad
6/28/2021 1:24:21 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

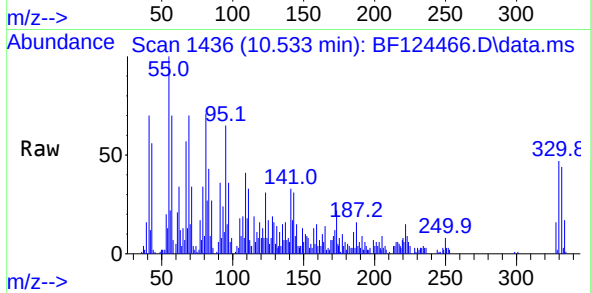
Tgt Ion: 164 Resp: 49425
Ion Ratio Lower Upper
164 100
162 111.4 80.7 121.1
160 46.3 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 19.970 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

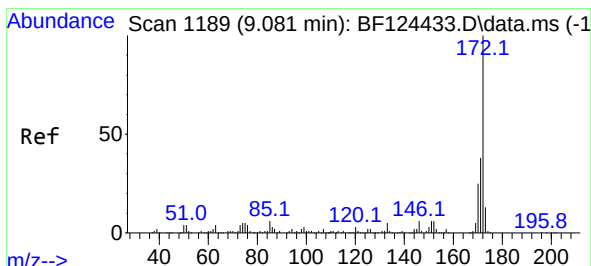
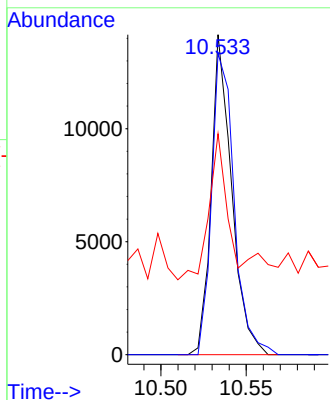
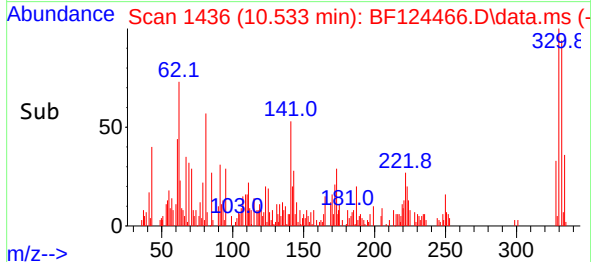
Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)



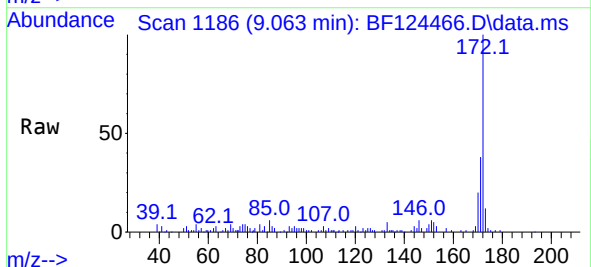
Tgt Ion:330 Resp: 11792
Ion Ratio Lower Upper
330 100
332 103.7 77.1 115.7
141 41.8 27.9 41.9

Manual Integrations
APPROVED

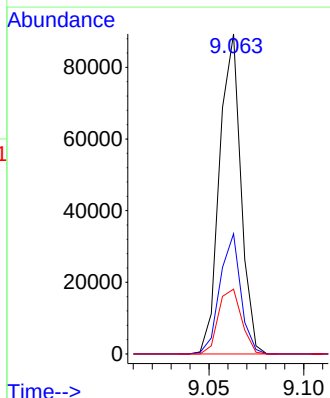
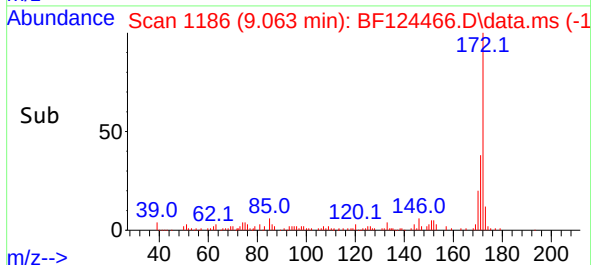
mohammad
6/28/2021 1:24:21 PM

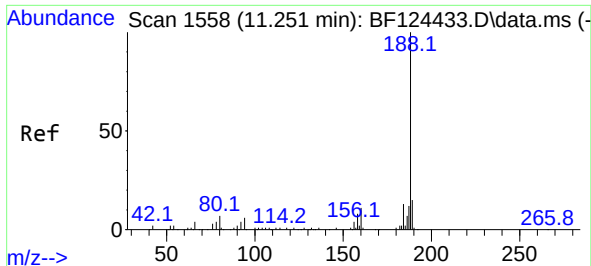


#45
2-Fluorobiphenyl
Concen: 17.366 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

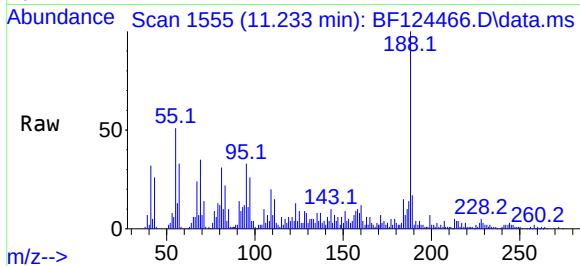


Tgt Ion:172 Resp: 70069
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 20.2 19.2 28.8

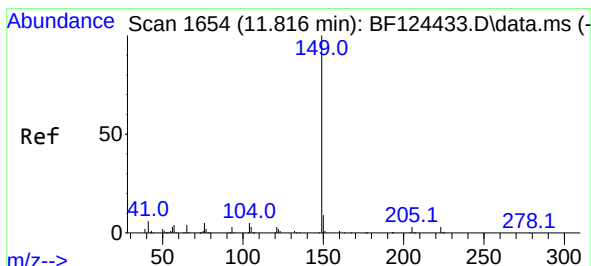
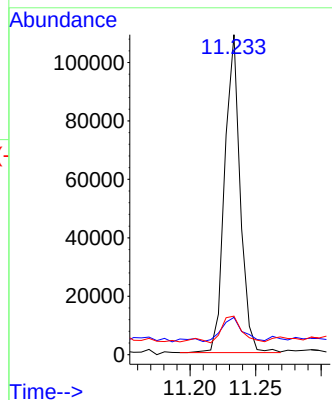
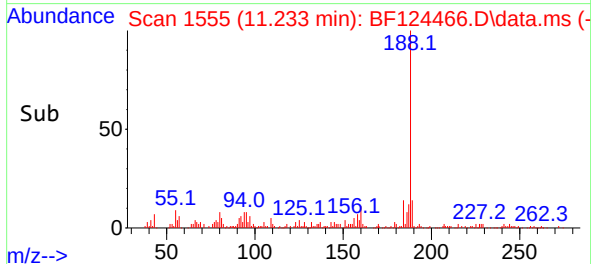




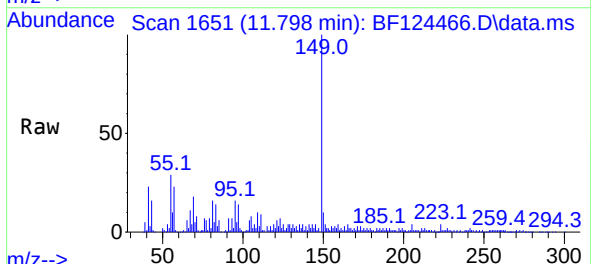
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00



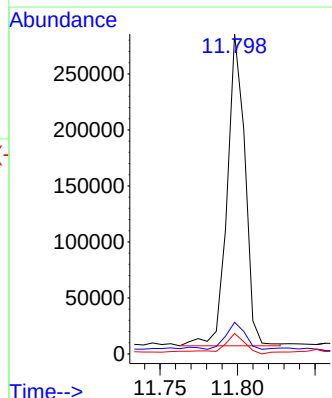
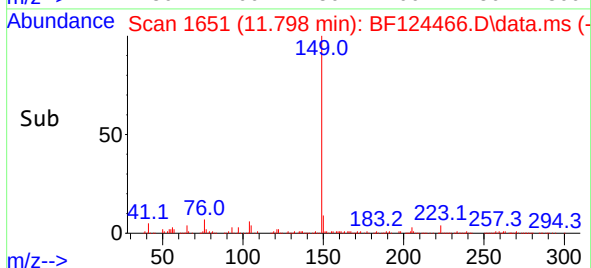
Tgt Ion:188 Resp: 89157
Ion Ratio Lower Upper
188 100
94 11.6 6.9 10.3#
80 12.0 8.2 12.2



#74
Di-n-butylphthalate
Concen: 38.284 ng
RT: 11.798 min Scan# 1651
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00



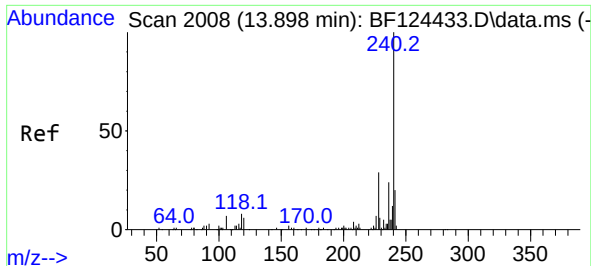
Tgt Ion:149 Resp: 222491
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.8
104 6.4 4.6 6.8



Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

Manual Integrations
APPROVED

mohammad
6/28/2021 1:24:21 PM



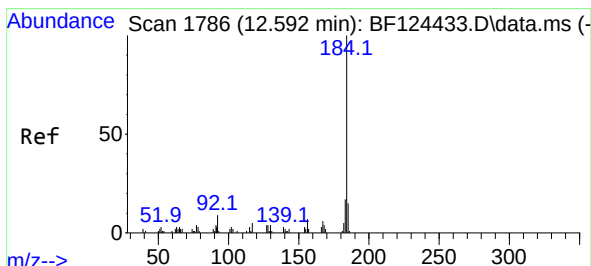
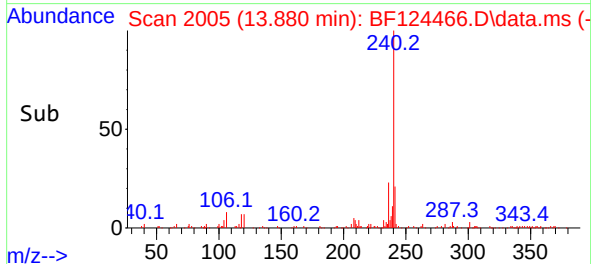
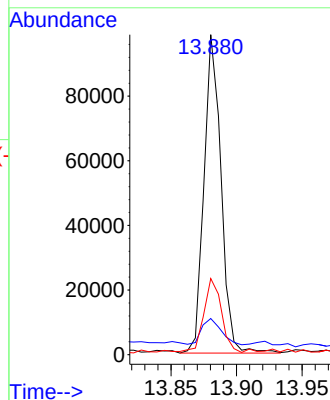
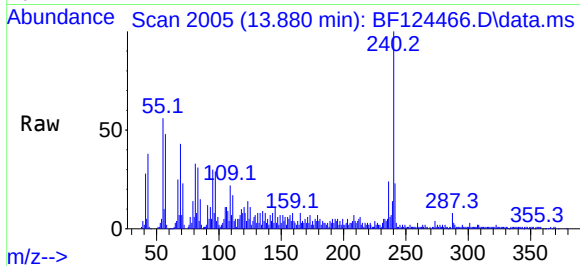
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:240 Resp: 89584
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.8 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

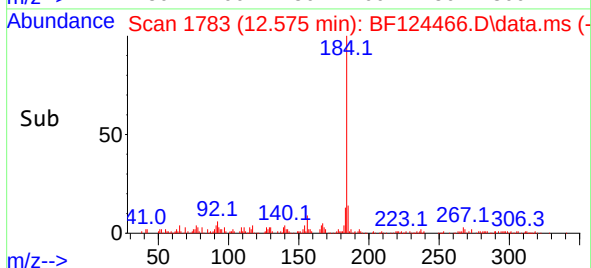
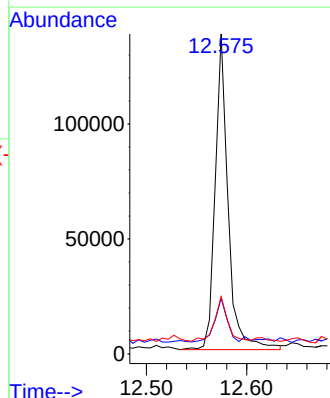
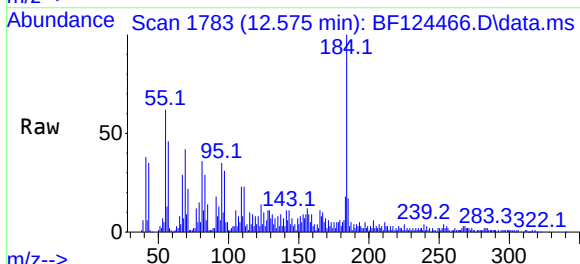
Manual Integrations
APPROVED

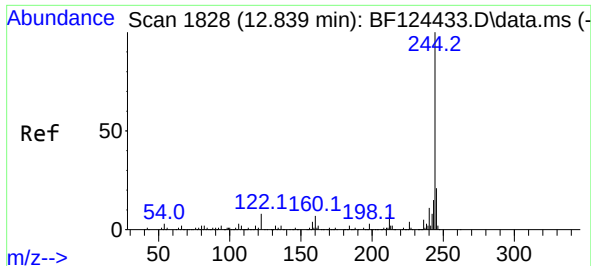
mohammad
6/28/2021 1:24:21 PM



#77
Benzidine
Concen: 68.615 ng
RT: 12.575 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:184 Resp: 123189
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 17.9 7.8 11.8#





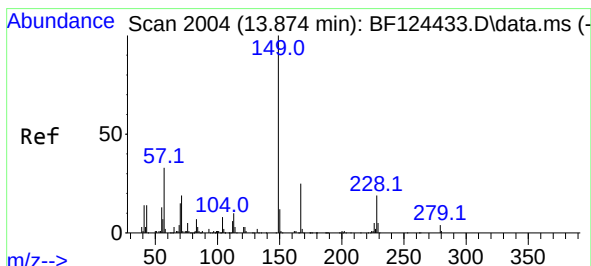
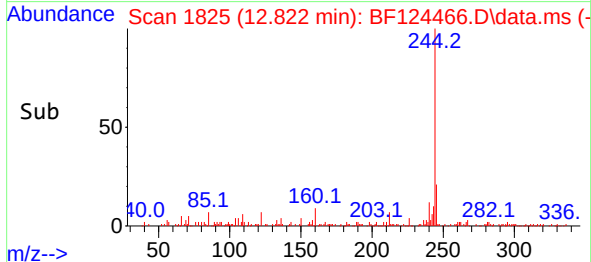
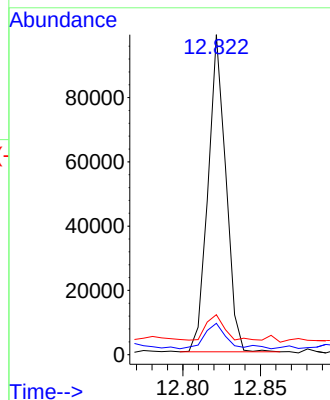
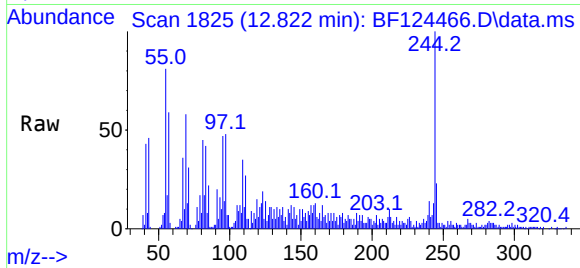
#79
Terphenyl-d14
Concen: 13.215 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:244 Resp: 79040
Ion Ratio Lower Upper
244 100
212 9.8 5.7 8.5#
122 12.5 9.7 14.5

Instrument :
BNA_F
ClientSampleId :
LS-1(LIQUID-BLUE)

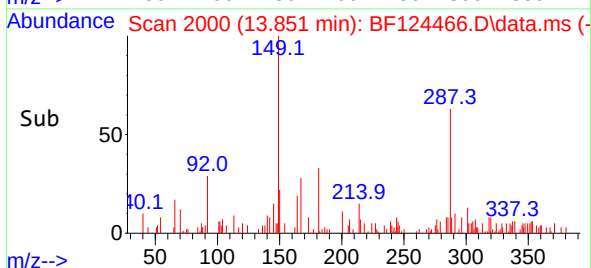
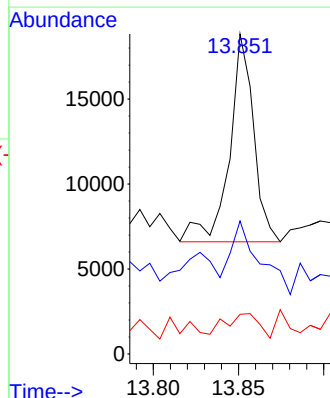
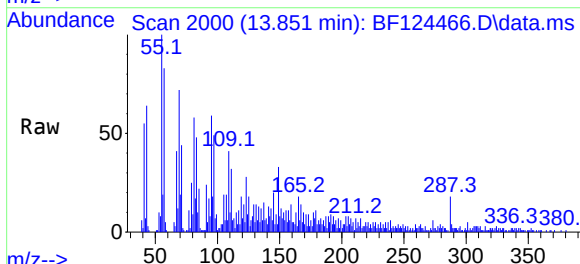
Manual Integrations
APPROVED

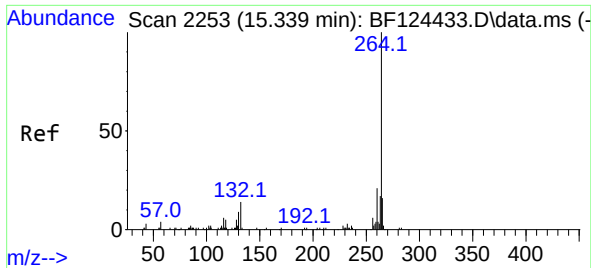
mohammad
6/28/2021 1:24:21 PM



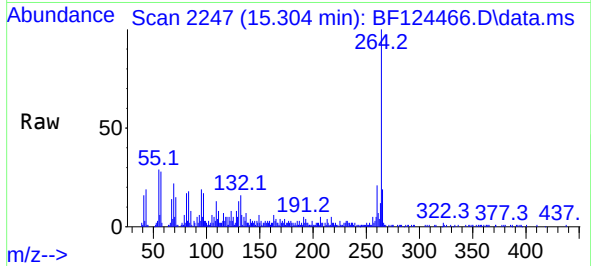
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.782 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF124466.D
Acq: 25 Jun 2021 23:00

Tgt Ion:149 Resp: 12103
Ion Ratio Lower Upper
149 100
167 41.5 21.8 32.6#
279 12.4 3.3 4.9#

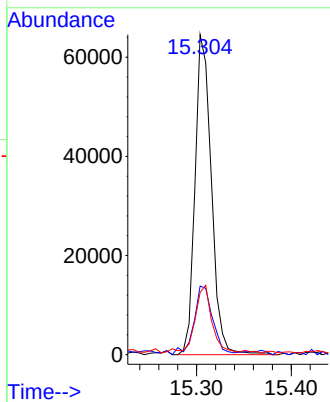
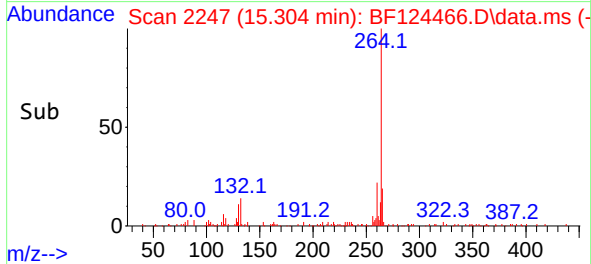




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.012 min
 Lab File: BF124466.D
 Acq: 25 Jun 2021 23:00



Tgt Ion:	264	Resp:	77485
Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.7	28.1
265	19.5	17.8	26.8



Instrument :
 BNA_F
 ClientSampleId :
 LS-1(LIQUID-BLUE)

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:24:21 PM