

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122084.D
 Acq On : 22 Oct 2020 15:28
 Operator : JU/CG
 Sample : L4463-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Manual Integrations
 APPROVED

mohammad
 10/23/2020 1:32:03 PM

Quant Time: Oct 22 16:15:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	94427	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	378489	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	199347	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	370379	20.00	ng	0.00
76) Chrysene-d12	13.886	240	251524	20.00	ng	0.00
86) Perylene-d12	15.315	264	226120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	698232	109.13	ng	0.00
7) Phenol-d6	6.381	99	867408	105.32	ng	0.00
23) Nitrobenzene-d5	7.298	82	600428	81.36	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	267064	108.30	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	940080	69.39	ng	0.00
79) Terphenyl-d14	12.827	244	930754	70.52	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.480	163	178868	12.27	ng	100
71) Phenanthrene	11.269	178	60891	3.00	ng	99
75) Fluoranthene	12.457	202	123556	5.67	ng	99
78) Pyrene	12.686	202	143854	7.51	ng	98
81) Benzo(a)anthracene	13.874	228	48862	2.96	ng	98
83) Chrysene	13.910	228	51777	3.20	ng	95
88) Benzo(b)fluoranthene	14.915	252	45679m	2.99	ng	
90) Benzo(a)pyrene	15.262	252	36154	2.74	ng	98
92) Benzo(g,h,i)perylene	17.162	276	31224	2.58	ng	96

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

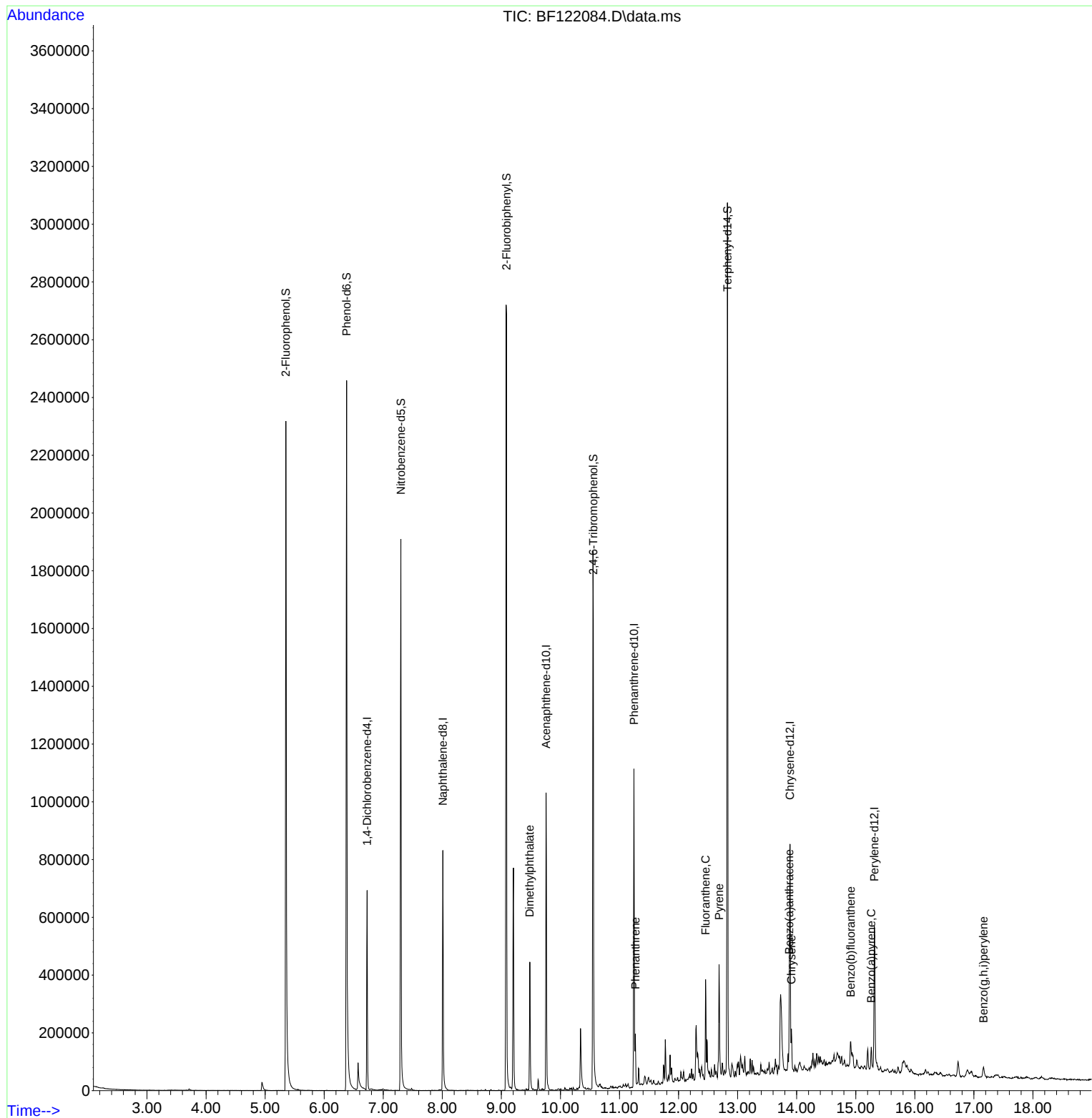
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122084.D
Acq On : 22 Oct 2020 15:28
Operator : JU/CG
Sample : L4463-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238

Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM

Quant Time: Oct 22 16:15:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration





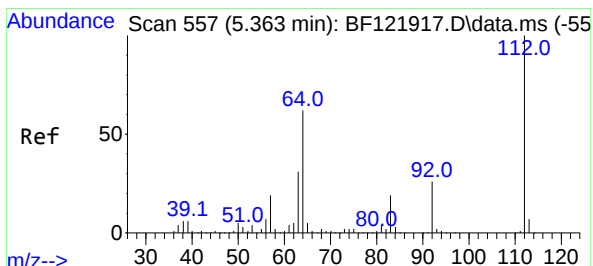
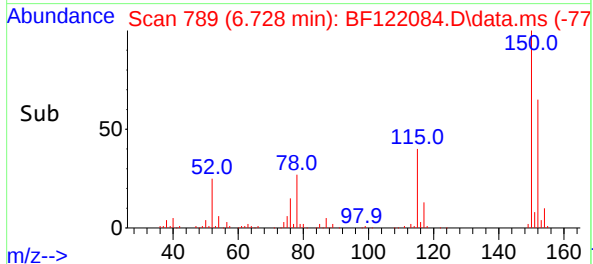
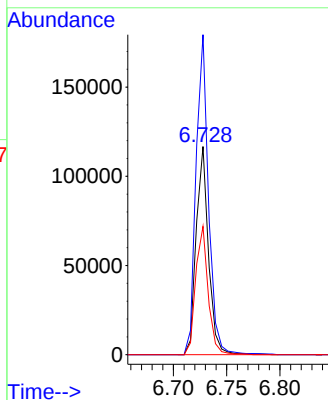
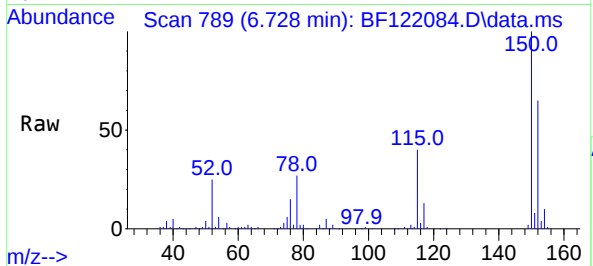
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:152 Resp: 94427
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 61.7 51.9 77.9

Instrument :
BNA_F
ClientSampled :
VNJ-238

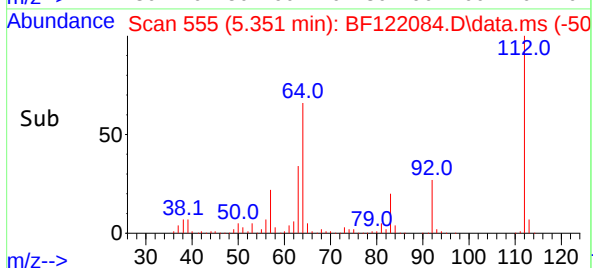
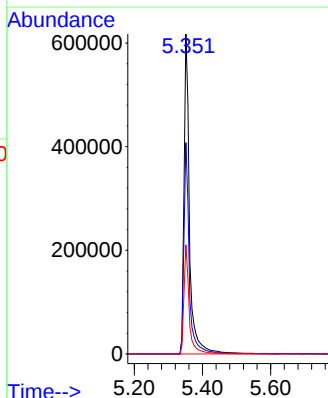
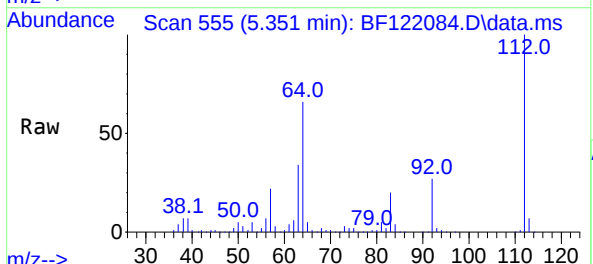
Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM



#5
2-Fluorophenol
Concen: 109.13 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:112 Resp: 698232
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 34.1 25.8 38.6





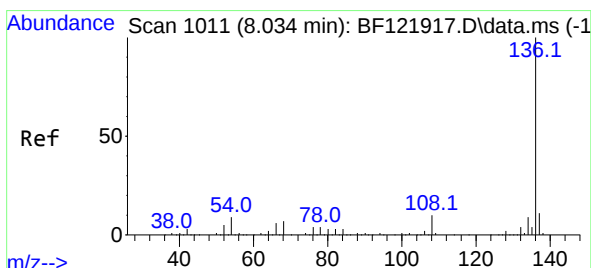
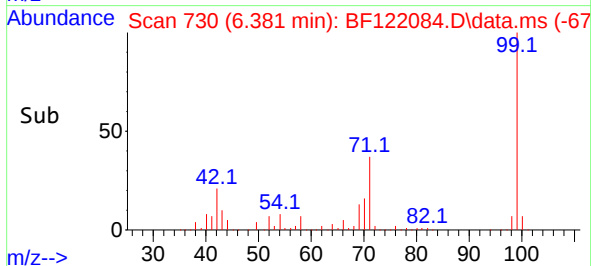
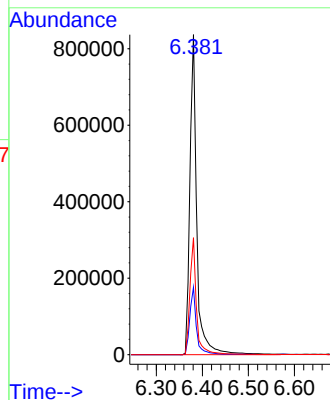
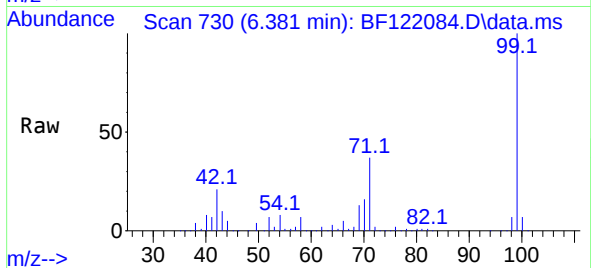
#7
Phenol-d6
Concen: 105.32 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion: 99 Resp: 867408
Ion Ratio Lower Upper
99 100
42 21.1 15.9 23.9
71 36.5 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
VNJ-238

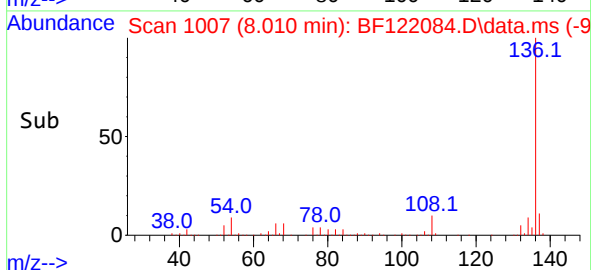
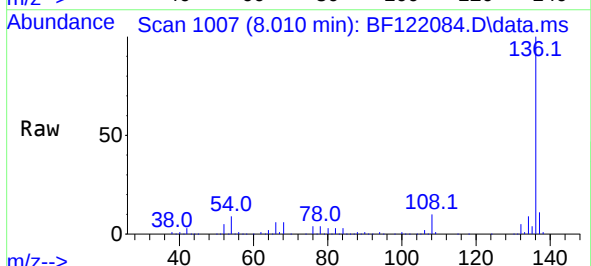
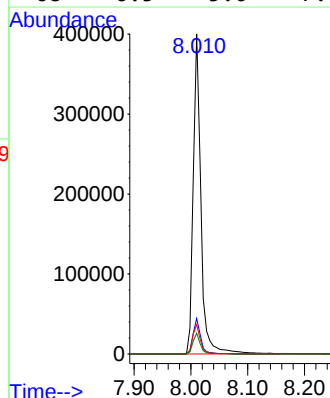
Manual Integrations
APPROVED

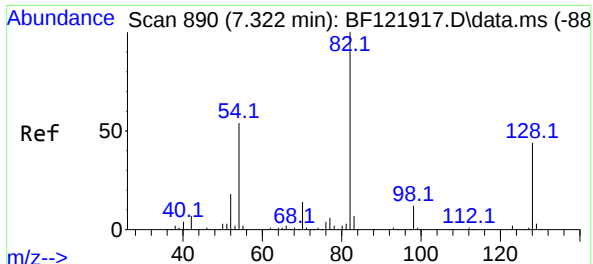
mohammad
10/23/2020 1:32:03 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion: 136 Resp: 378489
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.1 10.7
68 6.5 5.0 7.4





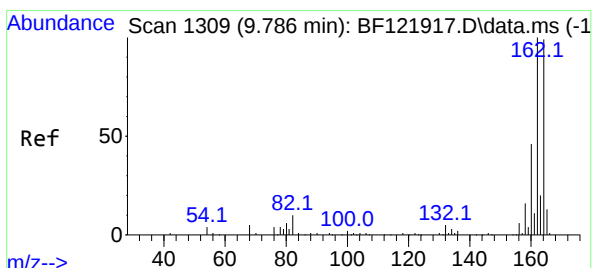
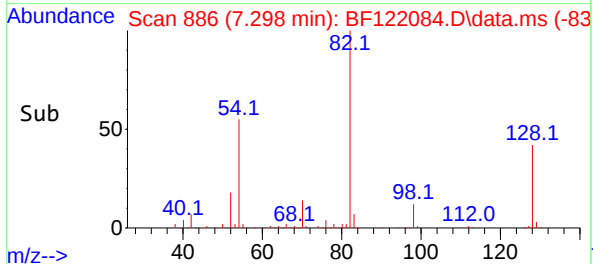
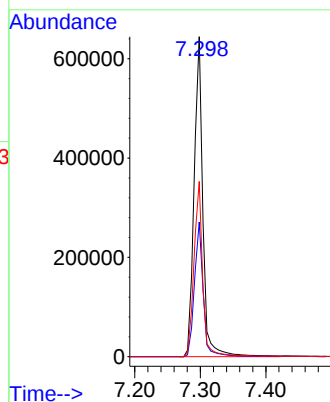
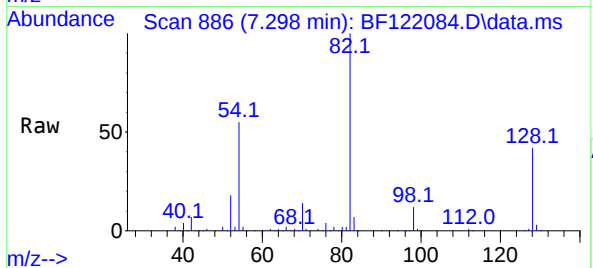
#23
Nitrobenzene-d5
Concen: 81.36 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion: 82 Resp: 600428
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 54.8 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
VNJ-238

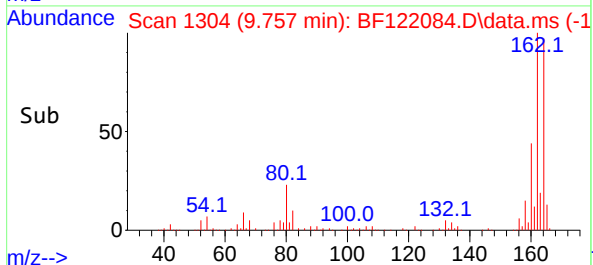
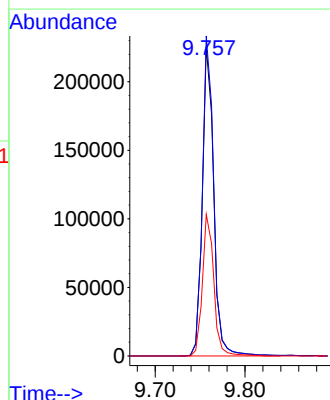
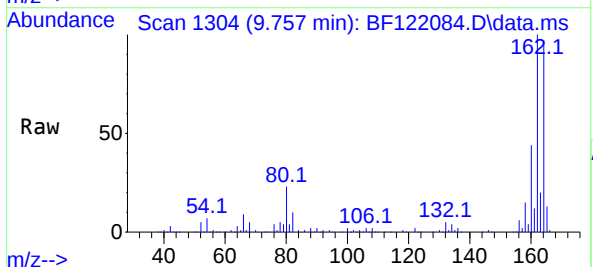
Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM



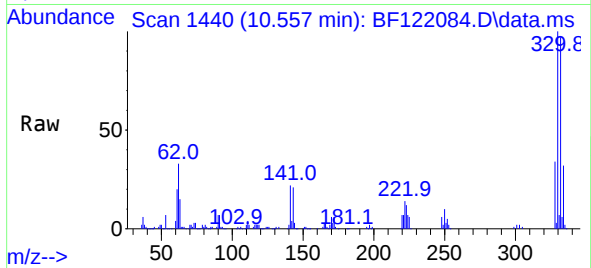
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:164 Resp: 199347
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 45.8 37.5 56.3

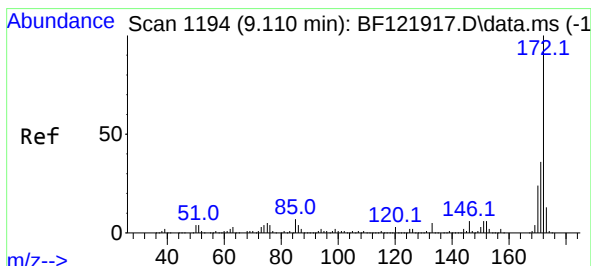
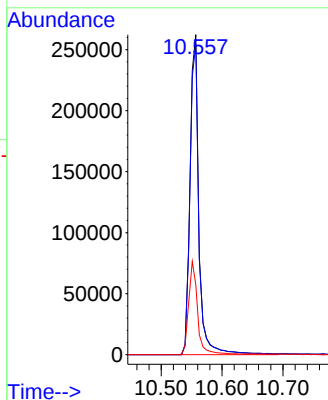
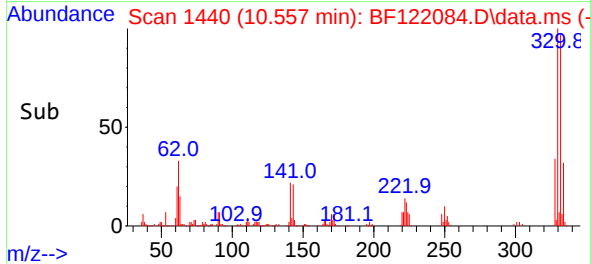




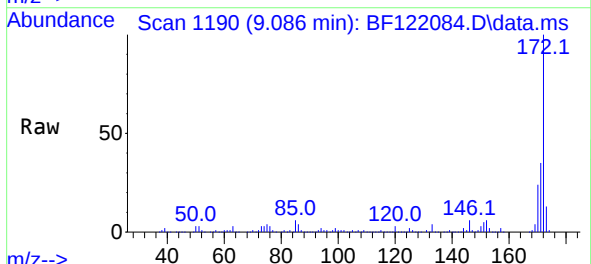
#42
2,4,6-Tribromophenol
Concen: 108.30 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28



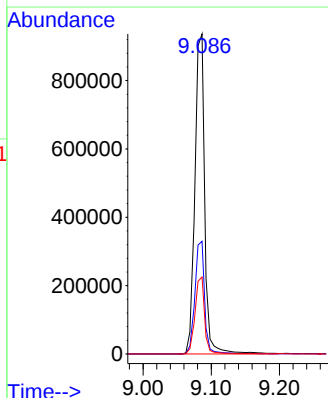
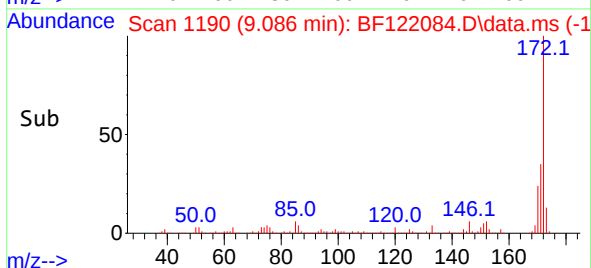
Tgt Ion: 330 Resp: 267064
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 69.39 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28



Tgt Ion: 172 Resp: 940080
Ion Ratio Lower Upper
172 100
171 35.2 29.1 43.7
170 24.0 19.8 29.6



Instrument :
BNA_F
ClientSampled :
VNJ-238

Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM



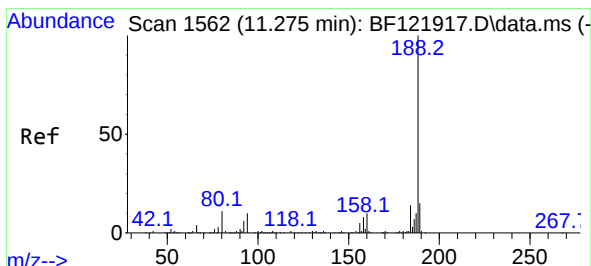
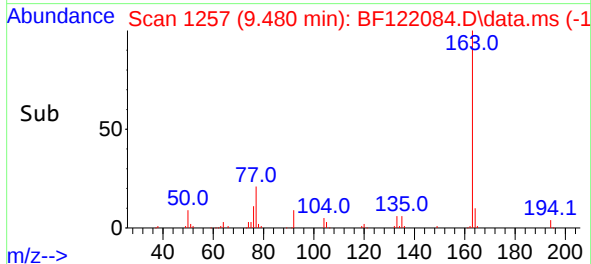
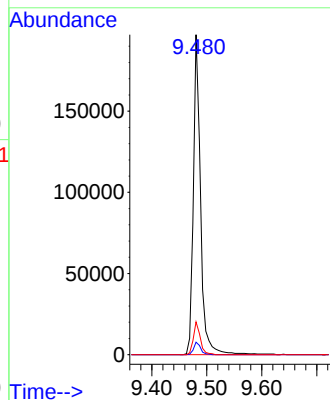
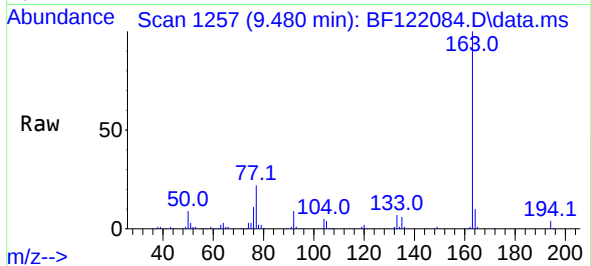
#50
Dimethylphthalate
Concen: 12.27 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:163 Resp: 178868
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.2 12.4

Instrument :
BNA_F
ClientSampled :
VNJ-238

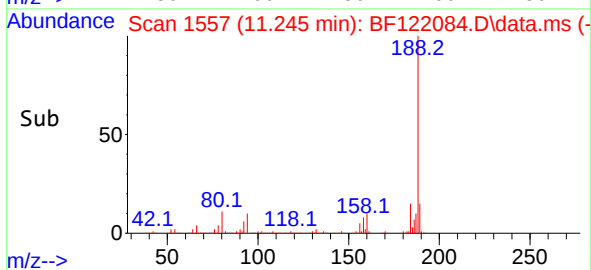
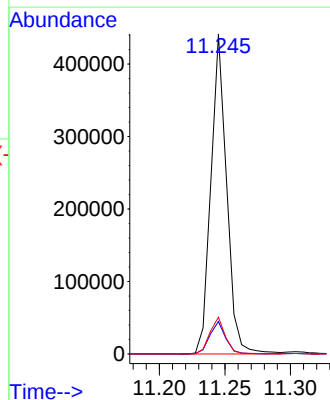
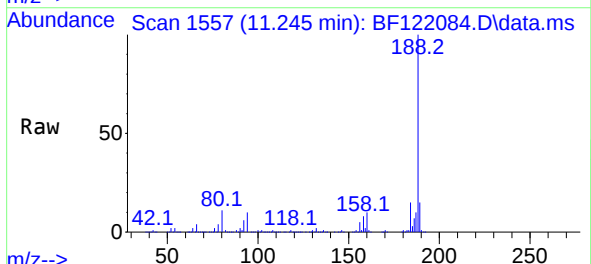
Manual Integrations
APPROVED

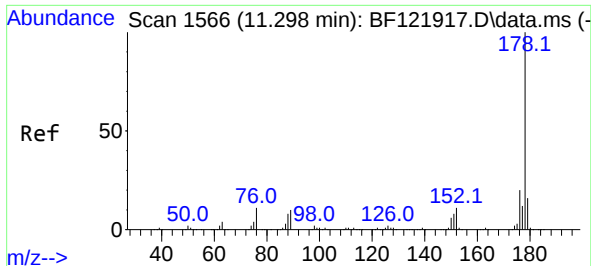
mohammad
10/23/2020 1:32:03 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

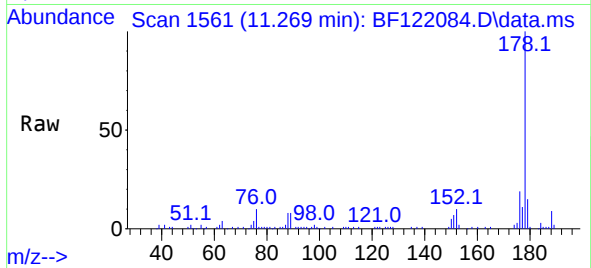
Tgt Ion:188 Resp: 370379
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.5 9.1 13.7





#71
Phenanthrene
Concen: 3.00 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

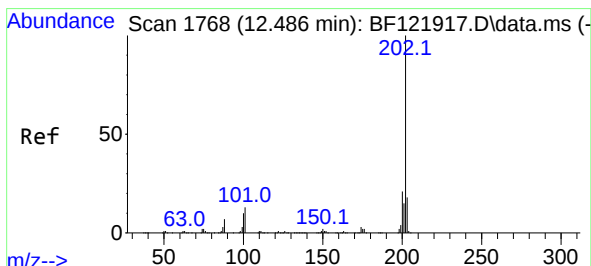
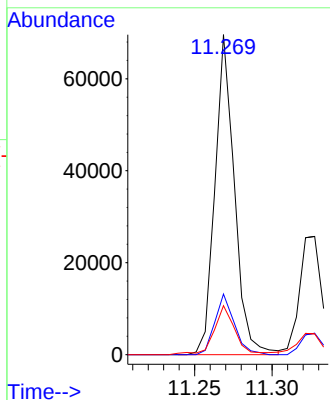
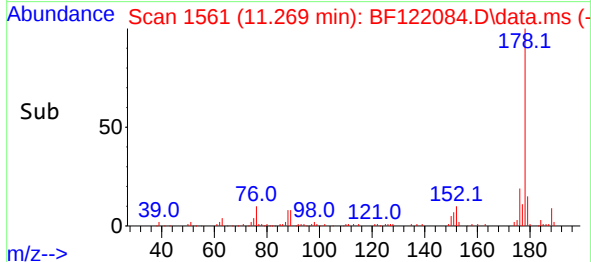
Instrument :
BNA_F
ClientSampled :
VNJ-238



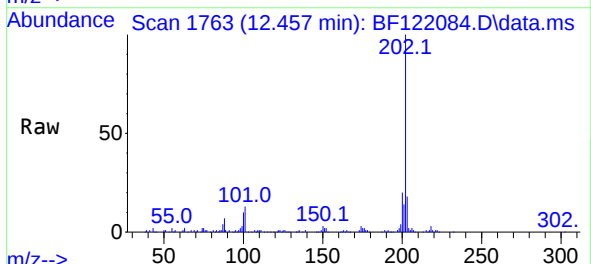
Tgt Ion:178 Resp: 60891
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.3 12.2 18.4

Manual Integrations
APPROVED

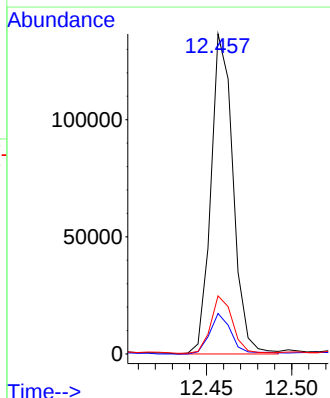
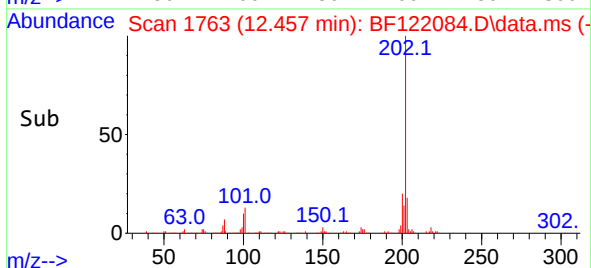
mohammad
10/23/2020 1:32:03 PM

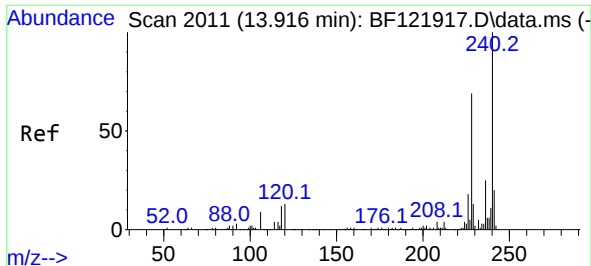


#75
Fluoranthene
Concen: 5.67 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

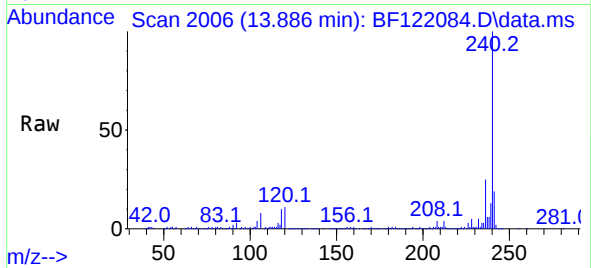


Tgt Ion:202 Resp: 123556
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.4
203 18.1 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

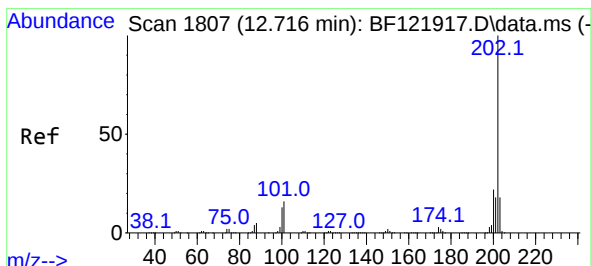
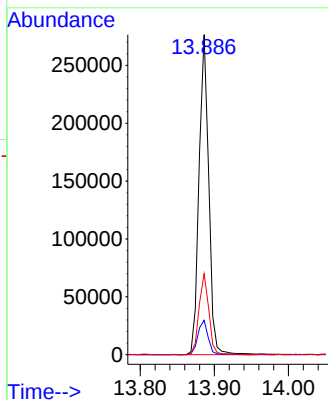
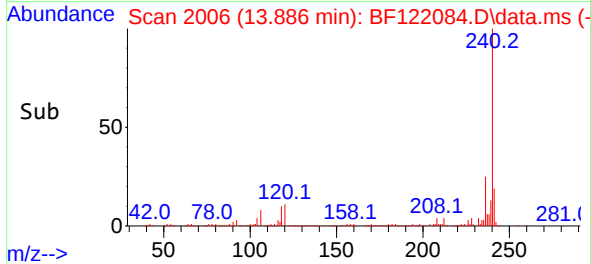


Tgt Ion:240 Resp: 251524
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.3 20.9 31.3

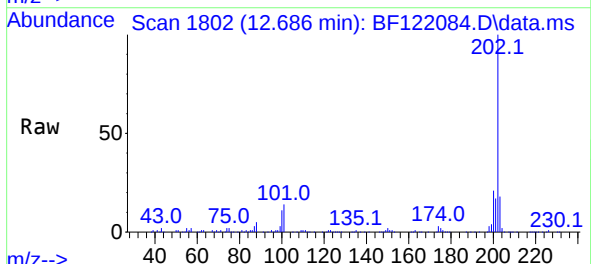
Instrument :
BNA_F
ClientSampleId :
VNJ-238

Manual Integrations
APPROVED

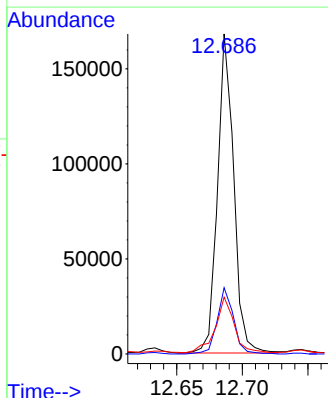
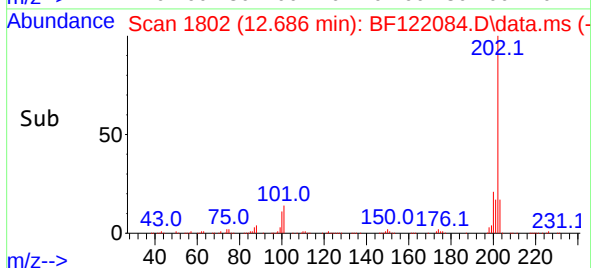
mohammad
10/23/2020 1:32:03 PM

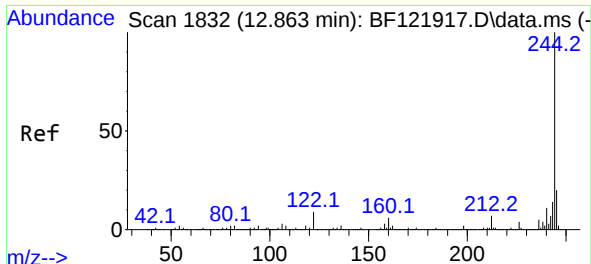


#78
Pyrene
Concen: 7.51 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

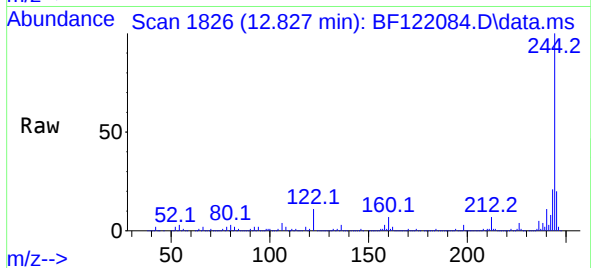


Tgt Ion:202 Resp: 143854
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.8 14.6 21.8

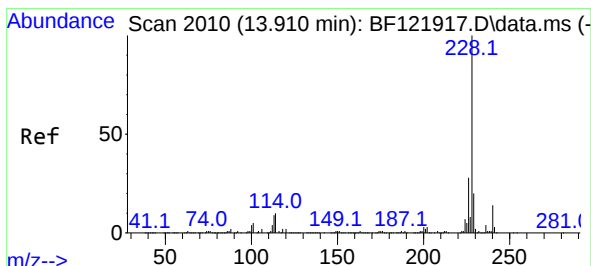
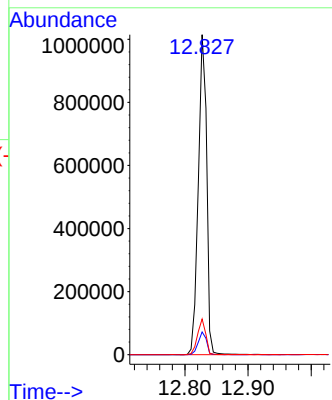
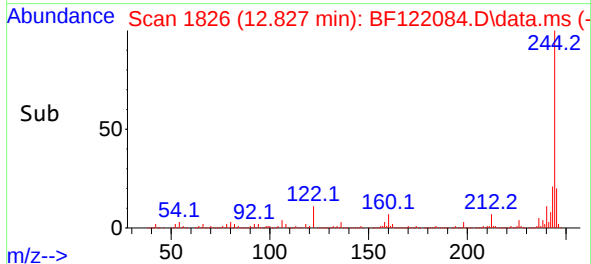




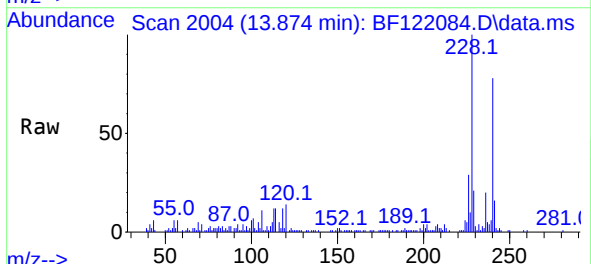
#79
Terphenyl-d14
Concen: 70.52 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28



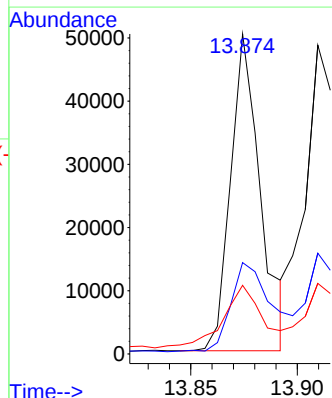
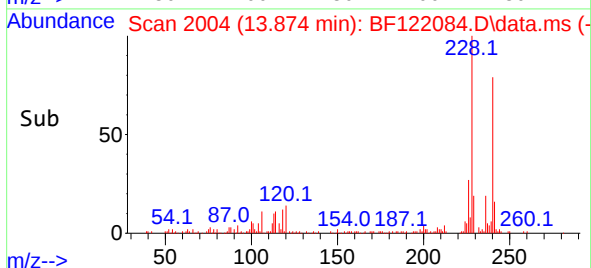
Tgt Ion:244 Resp: 930754
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.1 8.1 12.1



#81
Benzo(a)anthracene
Concen: 2.96 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28



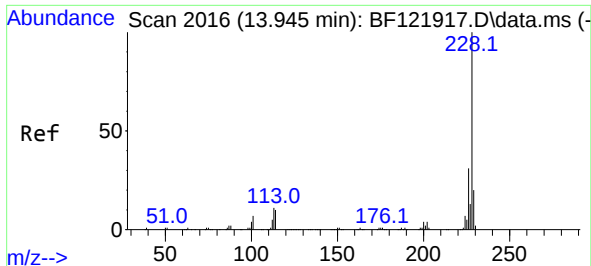
Tgt Ion:228 Resp: 48862
Ion Ratio Lower Upper
228 100
226 28.6 22.3 33.5
229 21.5 16.2 24.4



Instrument :
BNA_F
ClientSampleId :
VNJ-238

Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM



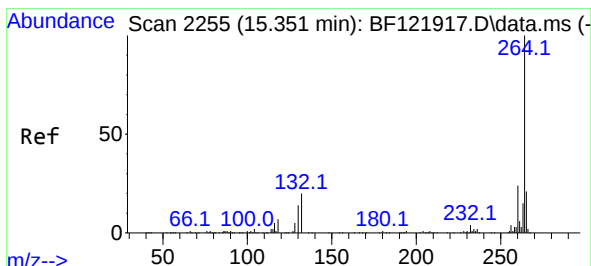
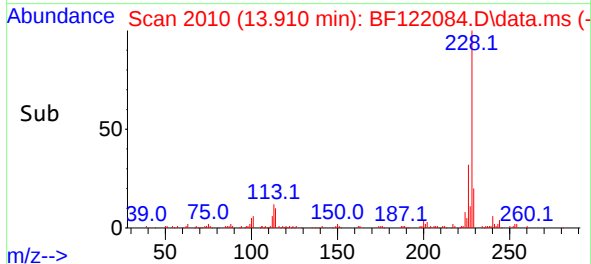
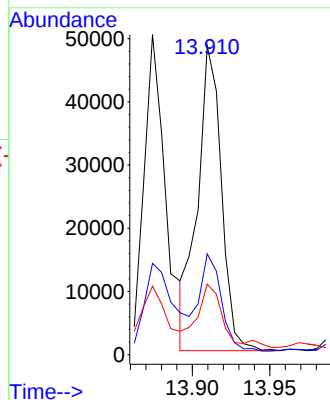
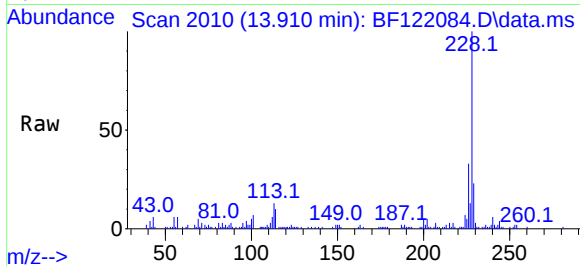
#83
Chrysene
Concen: 3.20 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:228	Resp:	51777
Ion Ratio	Lower	Upper
228	100	
226	32.6	24.6 37.0
229	22.9	15.9 23.9

Instrument :
BNA_F
ClientSampled :
VNJ-238

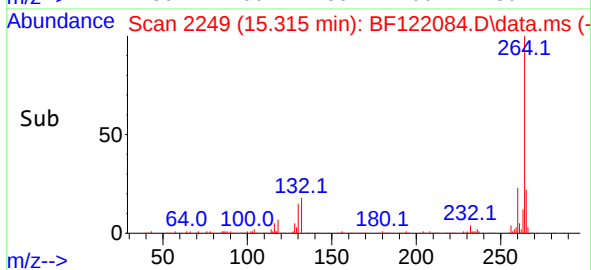
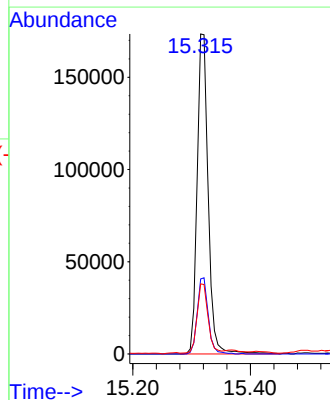
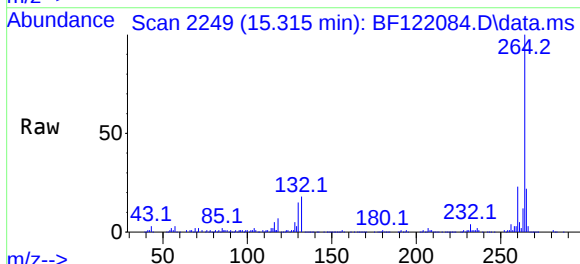
Manual Integrations
APPROVED

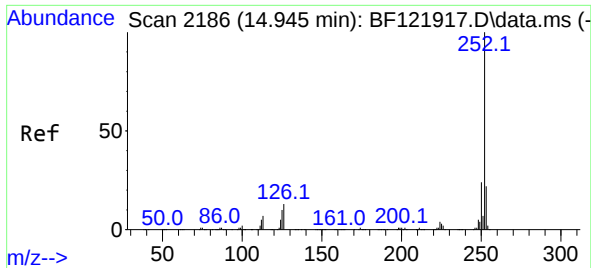
mohammad
10/23/2020 1:32:03 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:264	Resp:	226120
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.7 28.1
265	21.9	17.3 25.9





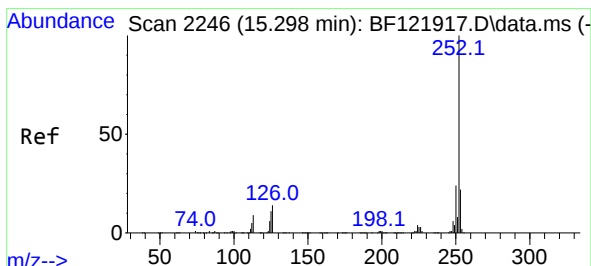
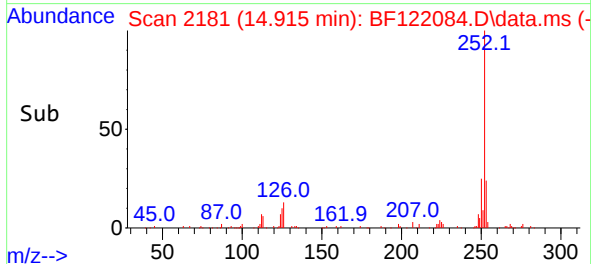
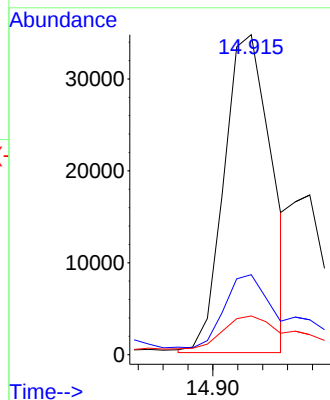
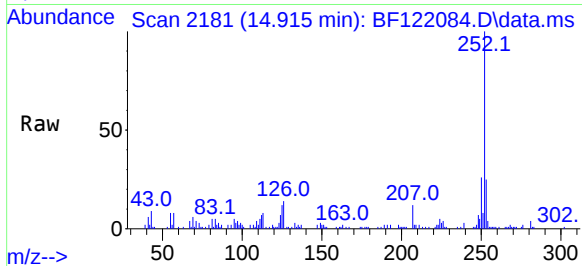
#88
Benzo(b)fluoranthene
Concen: 2.99 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:252 Resp: 45679
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 12.1 8.0 12.0#

Instrument :
BNA_F
ClientSampled :
VNJ-238

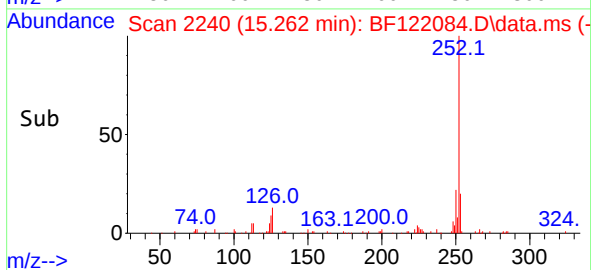
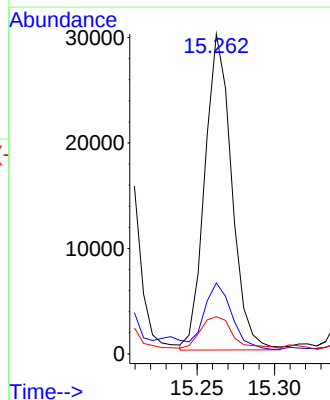
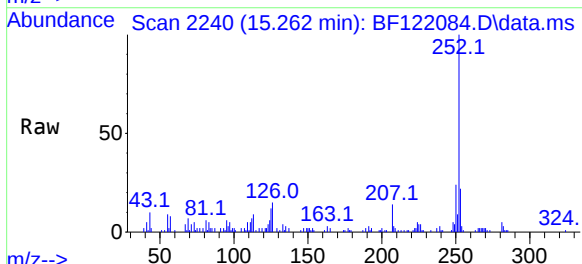
Manual Integrations
APPROVED

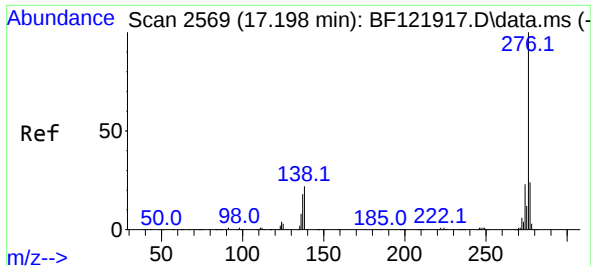
mohammad
10/23/2020 1:32:03 PM



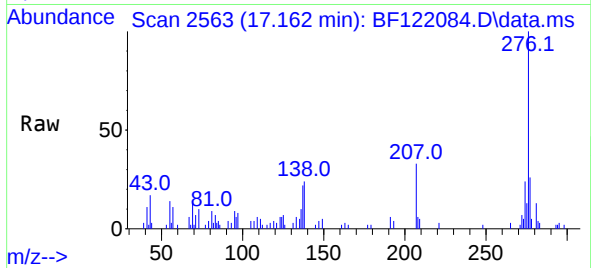
#90
Benzo(a)pyrene
Concen: 2.74 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28

Tgt Ion:252 Resp: 36154
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.7 8.6 13.0

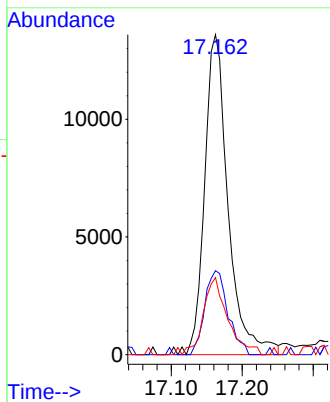
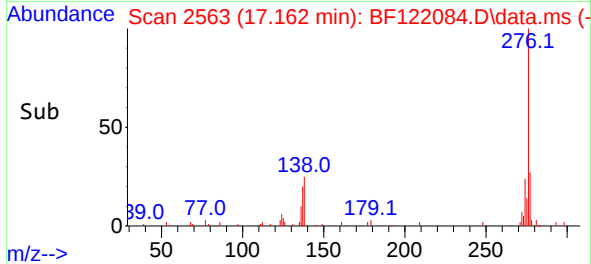




#92
Benzo(g,h,i)perylene
Concen: 2.58 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.023 min
Lab File: BF122084.D
Acq: 22 Oct 2020 15:28



Tgt Ion:	276	Resp:	31224
Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.2
138	24.1	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
VNJ-238

Manual Integrations
APPROVED

mohammad
10/23/2020 1:32:03 PM