

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125012.D
 Acq On : 9 Aug 2021 21:01
 Operator : JU/CG
 Sample : M3307-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ219-367

Manual Integrations
 APPROVED

mohammad
 8/10/2021 4:34:54 PM

Quant Time: Aug 10 04:45:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	6470	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	25395	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	13673	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	20884	20.000	ng	0.00
76) Chrysene-d12	13.980	240	13263	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	14306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	41877	106.027	ng	0.00
7) Phenol-d6	6.451	99	49977	100.350	ng	0.00
23) Nitrobenzene-d5	7.381	82	34286	70.628	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	11614	95.076	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	59931	64.136	ng	0.00
79) Terphenyl-d14	12.922	244	42706	54.315	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	1667	6.152	ng	86
74) Di-n-butylphthalate	11.898	149	46816	35.345	ng	99
75) Fluoranthene	12.551	202	7486	6.388	ng	98
78) Pyrene	12.780	202	7989	7.647	ng	98
81) Benzo(a)anthracene	13.969	228	4849	5.610	ng	96
83) Chrysene	14.004	228	4705	5.631	ng	94
84) Bis(2-ethylhexyl)phtha...	13.951	149	1789	2.774	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.874	276	2930	3.439	ng	# 75
88) Benzo(b)fluoranthene	15.010	252	7613m	7.579	ng	
89) Benzo(k)fluoranthene	15.033	252	2238m	2.449	ng	
90) Benzo(a)pyrene	15.368	252	5226	6.110	ng	# 94
92) Benzo(g,h,i)perylene	17.315	276	2254	3.137	ng	# 92

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

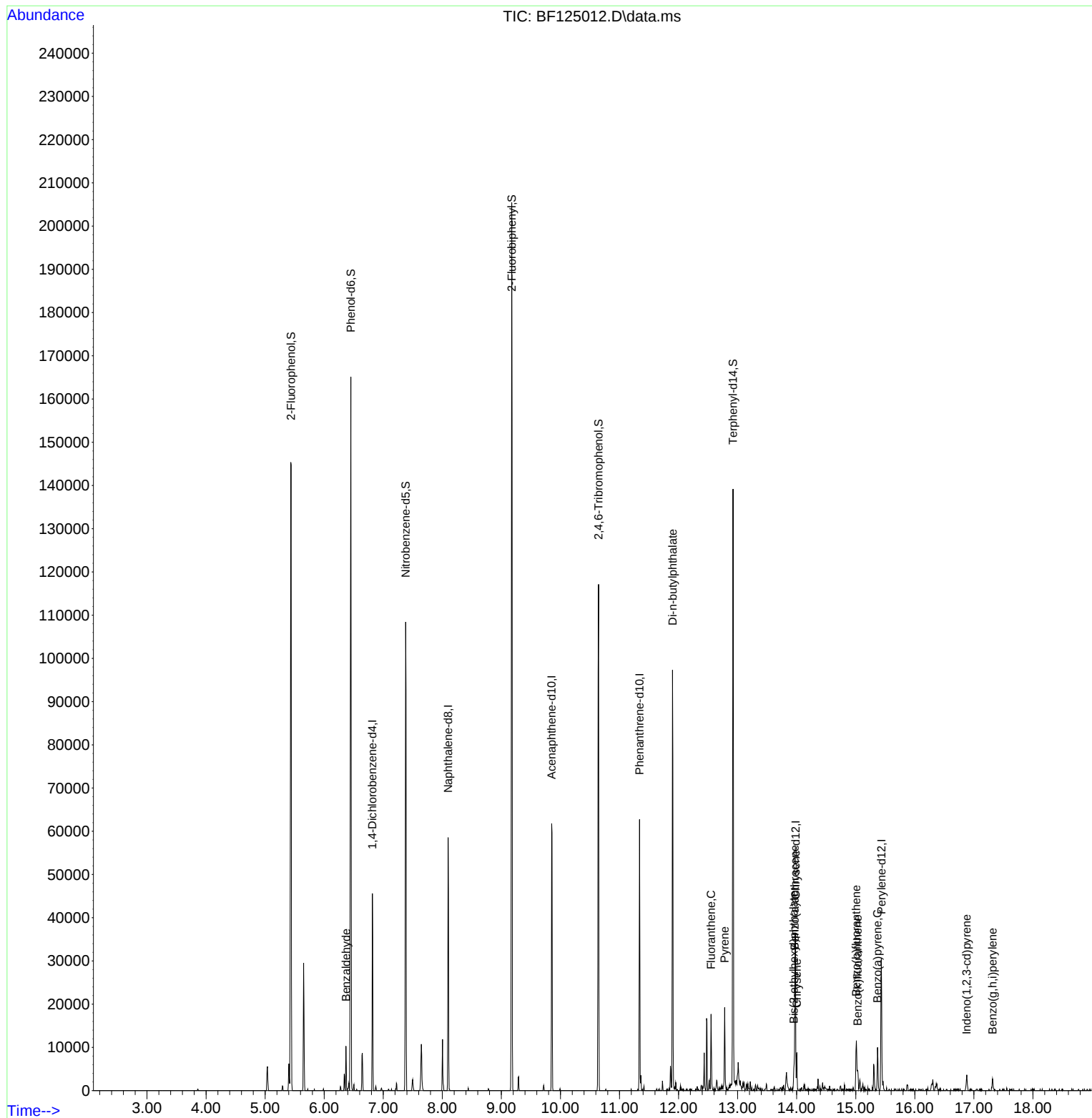
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125012.D
Acq On : 9 Aug 2021 21:01
Operator : JU/CG
Sample : M3307-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

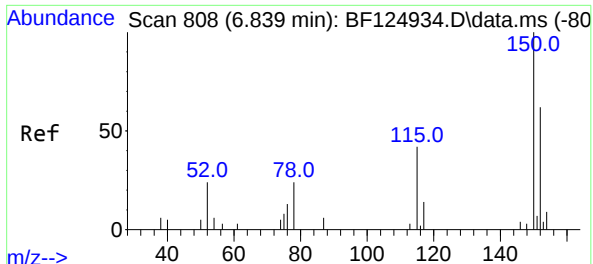
Instrument :
BNA_F
ClientSampleId :
VNJ219-367

Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:54 PM

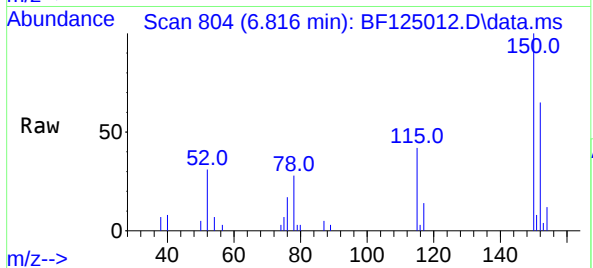
Quant Time: Aug 10 04:45:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

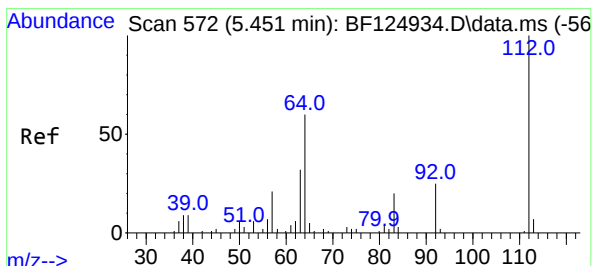
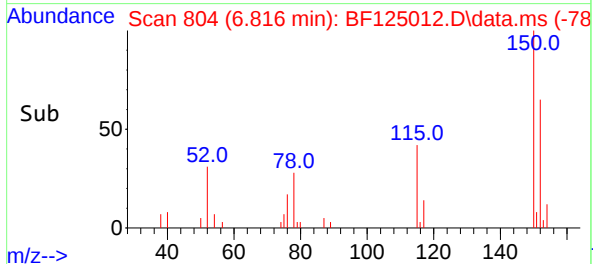
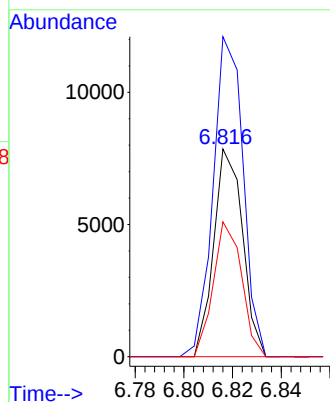
Instrument :
BNA_F
ClientSampled :
VNJ219-367



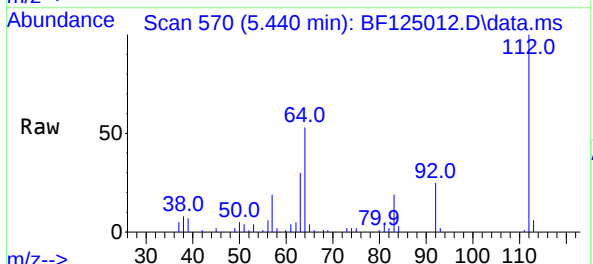
Tgt Ion:152 Resp: 6470
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 64.9 47.1 70.7

Manual Integrations
APPROVED

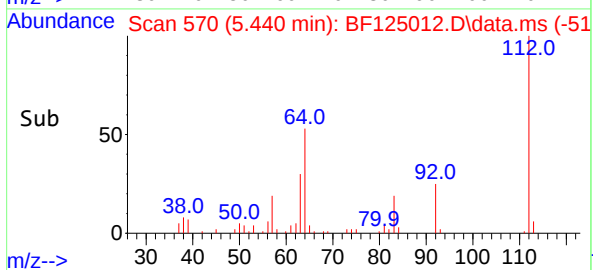
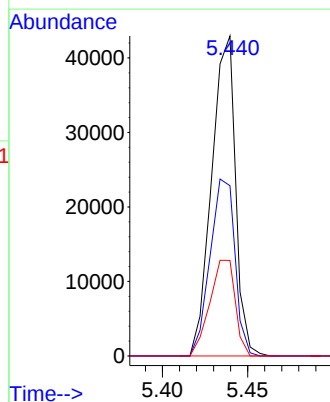
mohammad
8/10/2021 4:34:54 PM

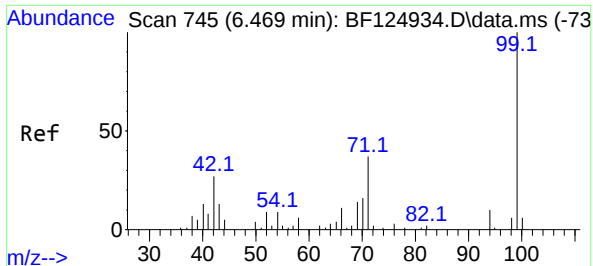


#5
2-Fluorophenol
Concen: 106.027 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



Tgt Ion:112 Resp: 41877
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 29.9 26.2 39.2





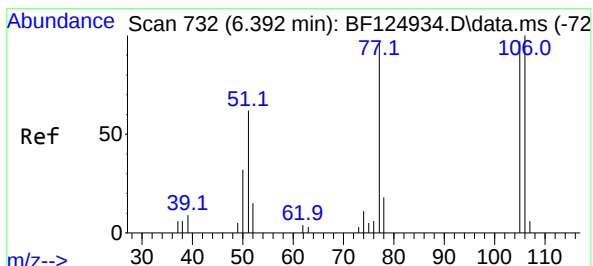
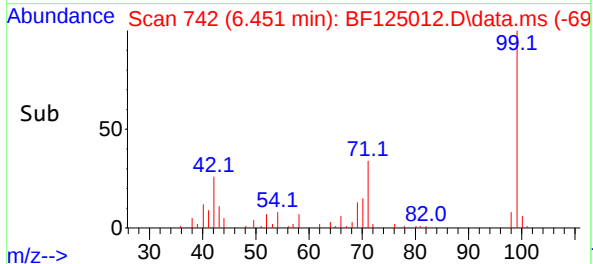
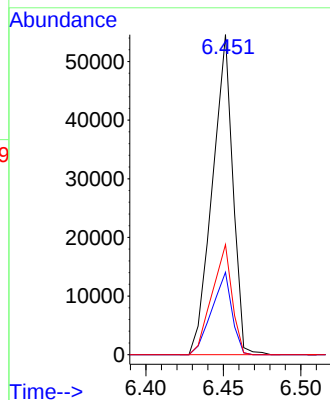
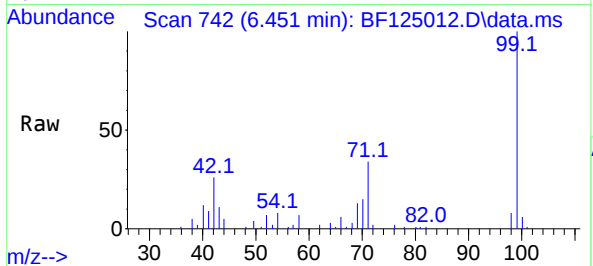
#7
Phenol-d6
Concen: 100.350 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	99	Resp:	49977
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	34.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

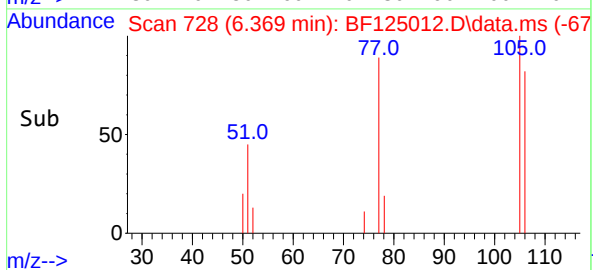
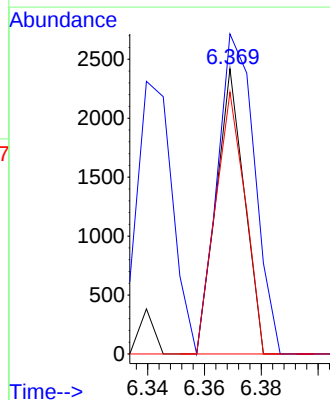
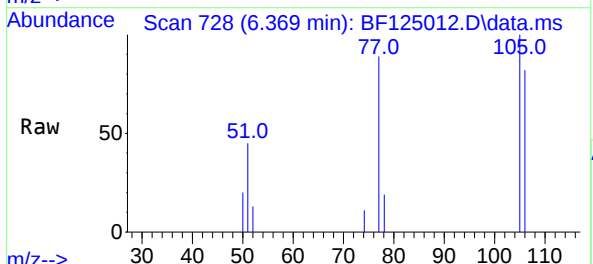
Manual Integrations
APPROVED

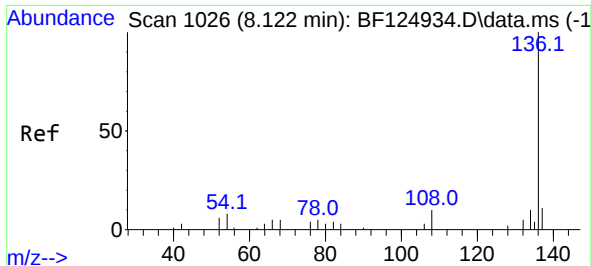
mohammad
8/10/2021 4:34:54 PM



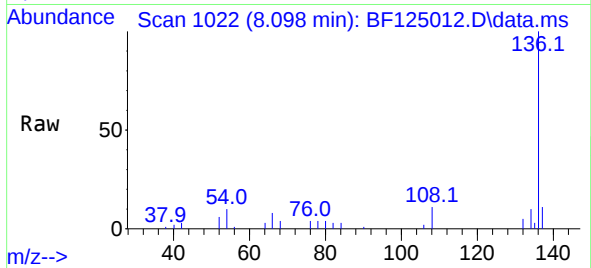
#9
Benzaldehyde
Concen: 6.152 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	77	Resp:	1667
Ion	Ratio	Lower	Upper
77	100		
105	112.1	75.9	115.9
106	91.8	84.0	124.0



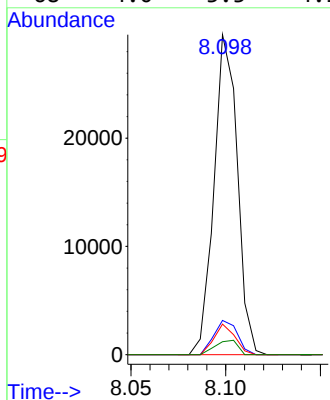


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



Tgt Ion: 136 Resp: 25395

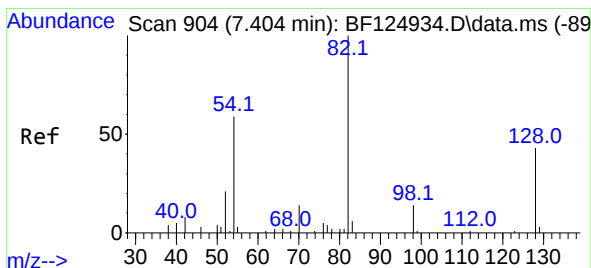
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.5	6.4	9.6
68	4.0	3.3	4.9



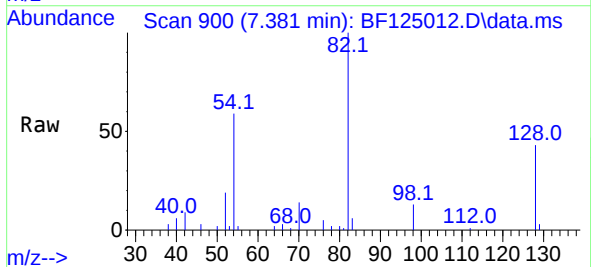
Instrument :
BNA_F
ClientSampleId :
VNJ219-367

Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:54 PM

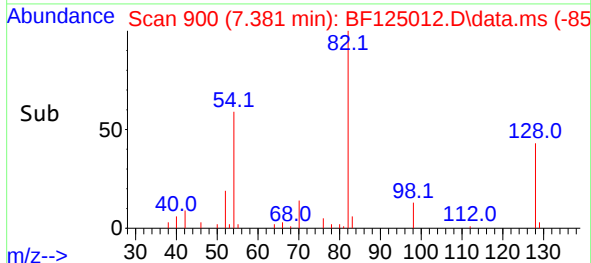
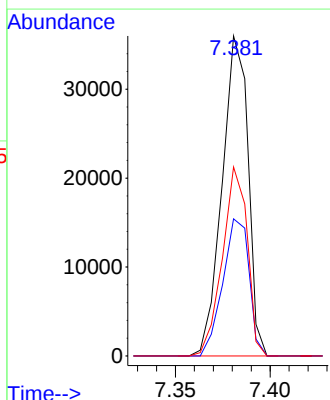


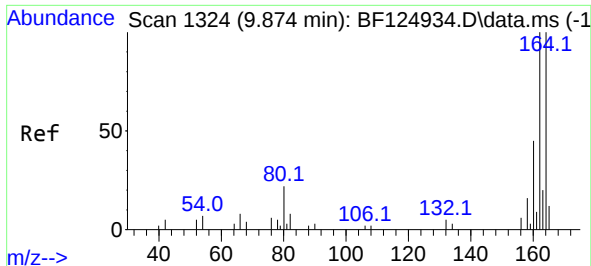
#23
Nitrobenzene-d5
Concen: 70.628 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



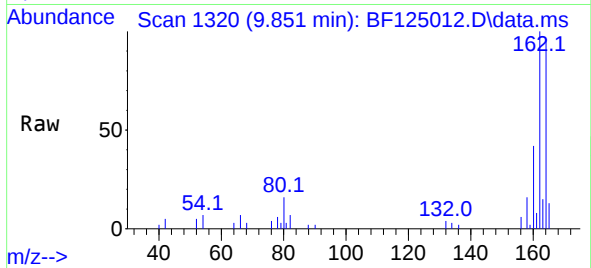
Tgt Ion: 82 Resp: 34286

Ion	Ratio	Lower	Upper
82	100		
128	42.8	40.6	60.8
54	59.0	49.6	74.4

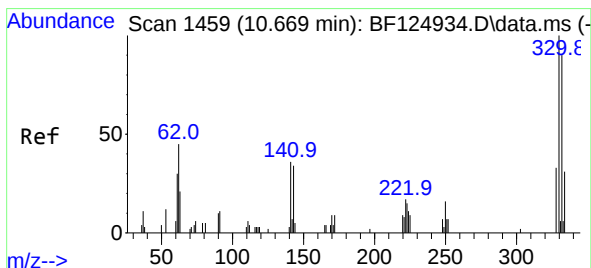
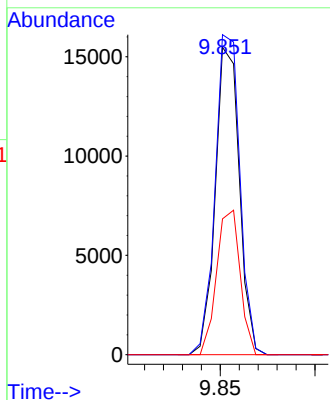
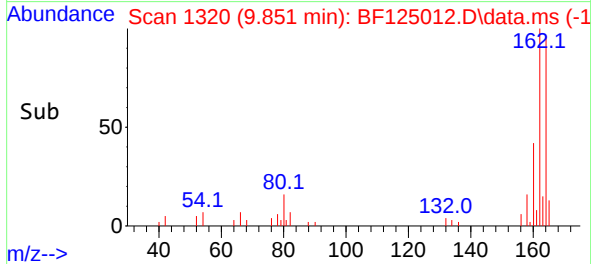




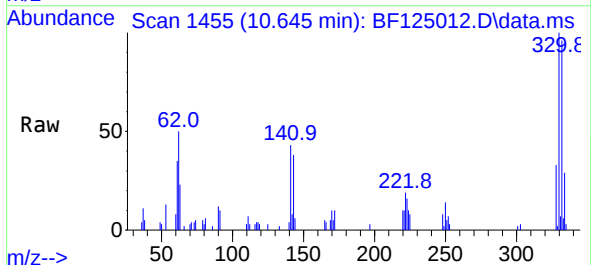
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



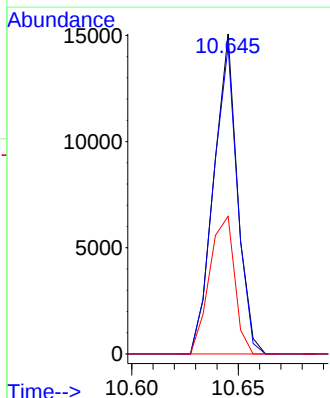
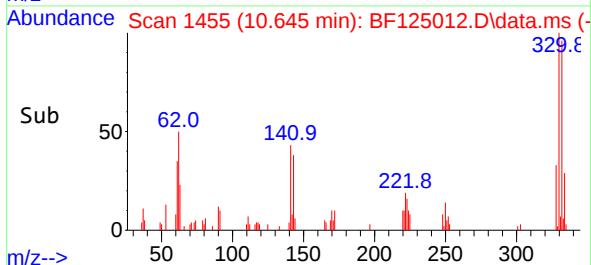
Tgt Ion:164 Resp: 13673
Ion Ratio Lower Upper
164 100
162 104.1 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 95.076 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



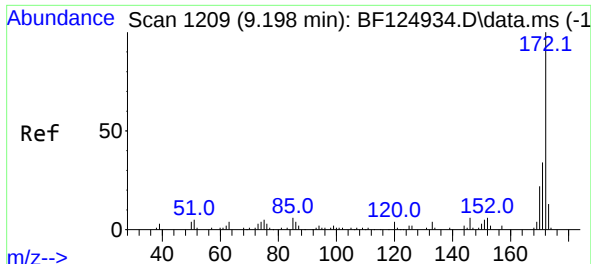
Tgt Ion:330 Resp: 11614
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 45.8 44.6 66.8



Instrument :
BNA_F
ClientSampleId :
VNJ219-367

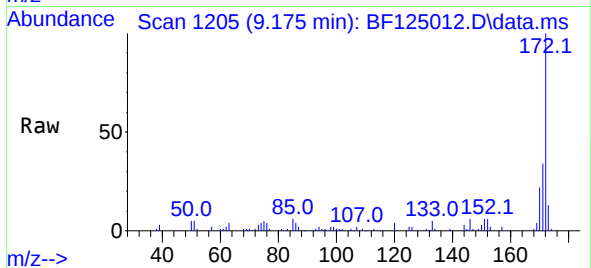
Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:54 PM



#45
2-Fluorobiphenyl
Concen: 64.136 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

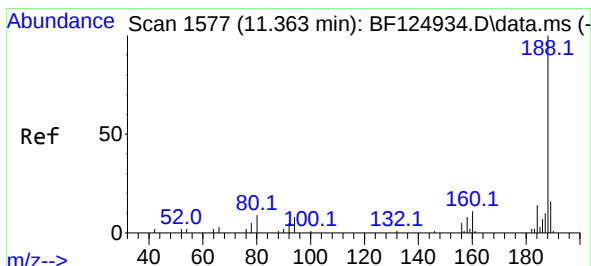
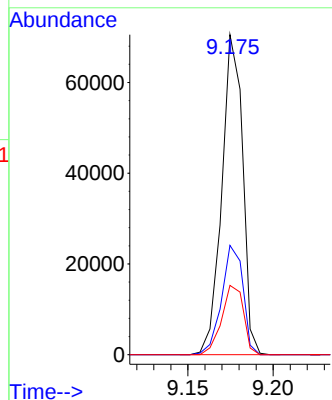
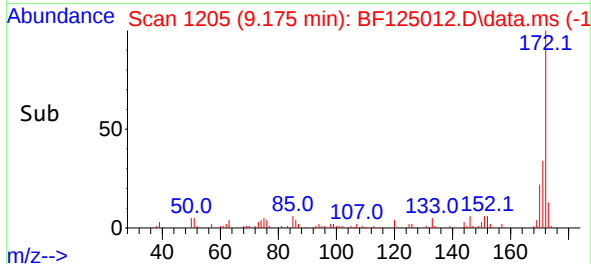
Instrument :
BNA_F
ClientSampleId :
VNJ219-367



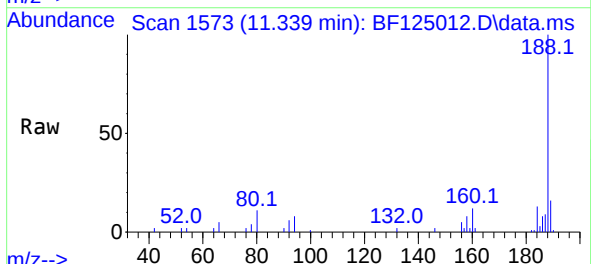
Tgt Ion:172 Resp: 59931
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 21.6 18.8 28.2

Manual Integrations
APPROVED

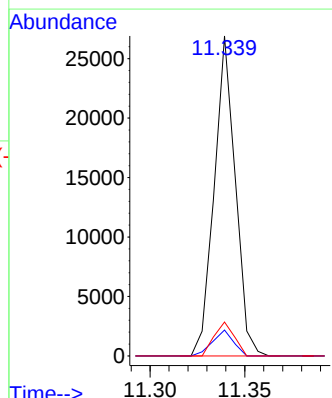
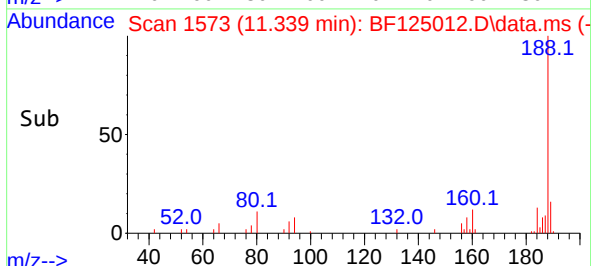
mohammad
8/10/2021 4:34:54 PM

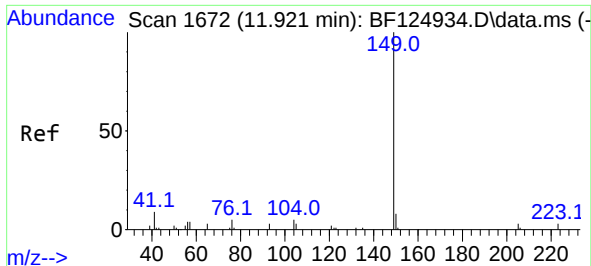


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



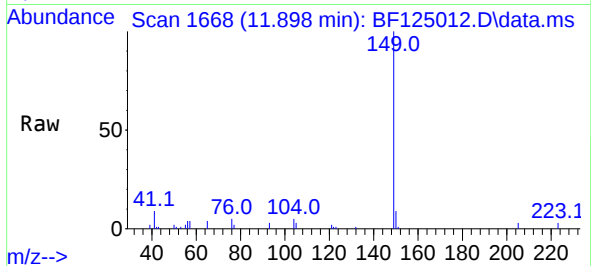
Tgt Ion:188 Resp: 20884
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 10.6 7.5 11.3





#74
Di-n-butylphthalate
Concen: 35.345 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

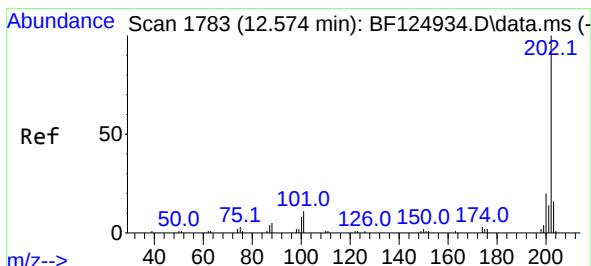
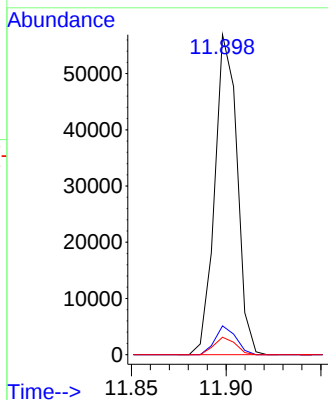
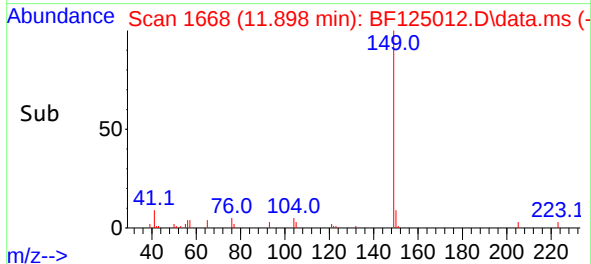
Instrument :
BNA_F
ClientSampleId :
VNJ219-367



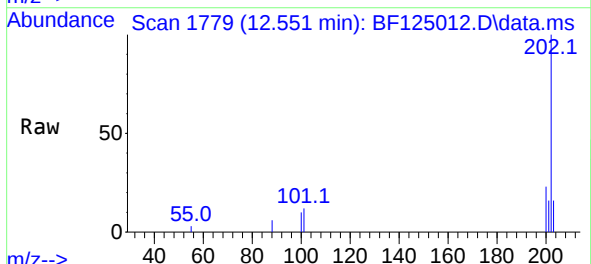
Tgt Ion:149 Resp: 46816
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.5 4.1 6.1

Manual Integrations
APPROVED

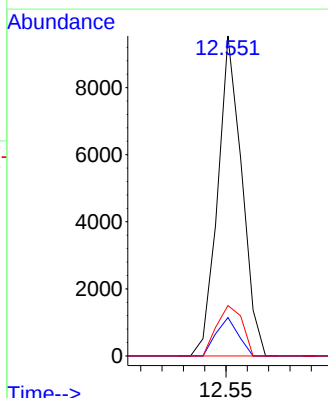
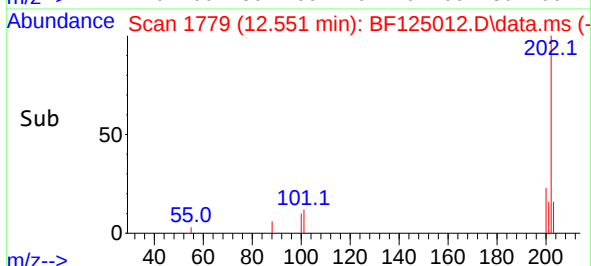
mohammad
8/10/2021 4:34:54 PM

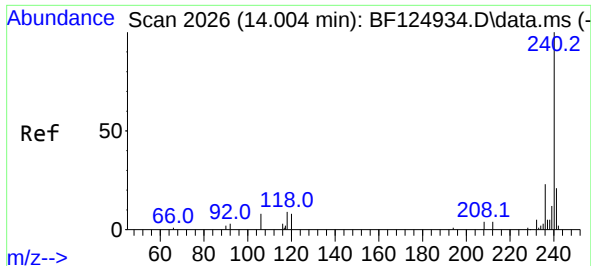


#75
Fluoranthene
Concen: 6.388 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01



Tgt Ion:202 Resp: 7486
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.7
203 15.7 0.0 36.3





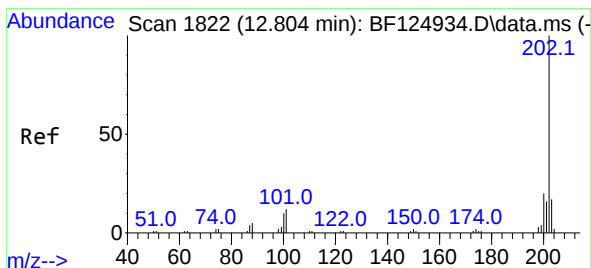
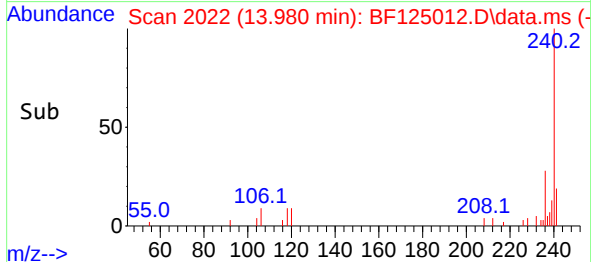
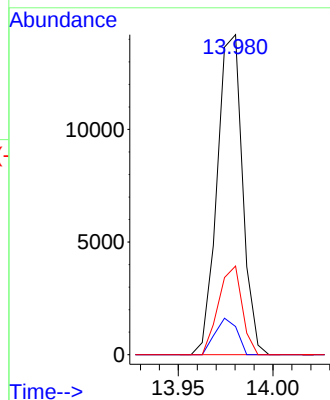
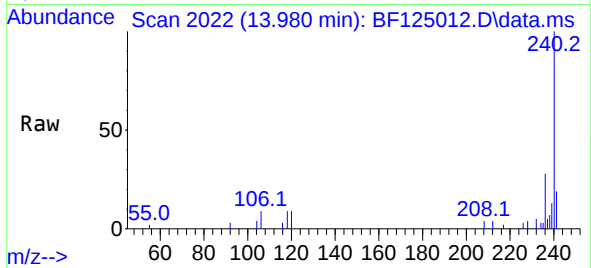
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:240 Resp: 13263
Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 27.7 21.6 32.4

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

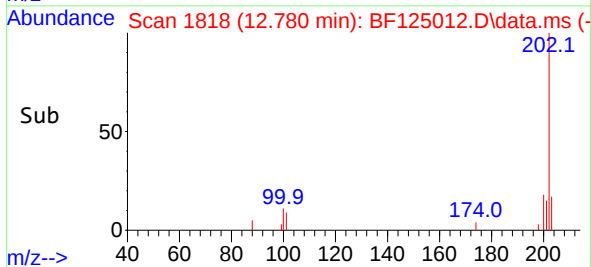
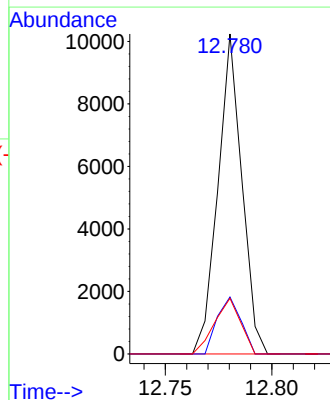
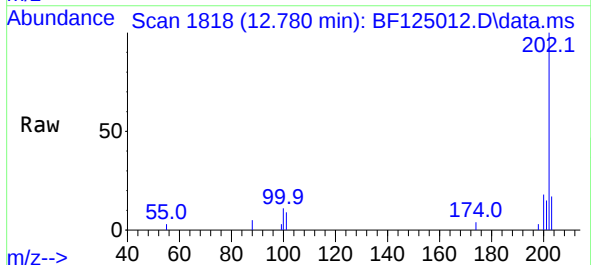
Manual Integrations
APPROVED

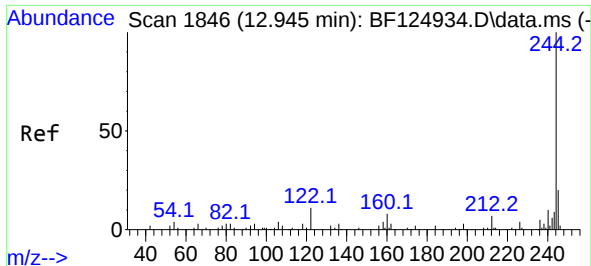
mohammad
8/10/2021 4:34:54 PM



#78
Pyrene
Concen: 7.647 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

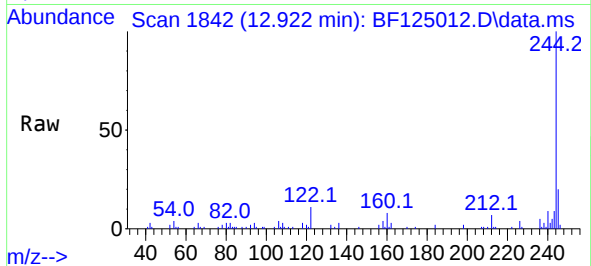
Tgt Ion:202 Resp: 7989
Ion Ratio Lower Upper
202 100
200 17.8 15.3 22.9
203 17.4 13.4 20.0





#79
 Terphenyl-d14
 Concen: 54.315 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF125012.D
 Acq: 9 Aug 2021 21:01

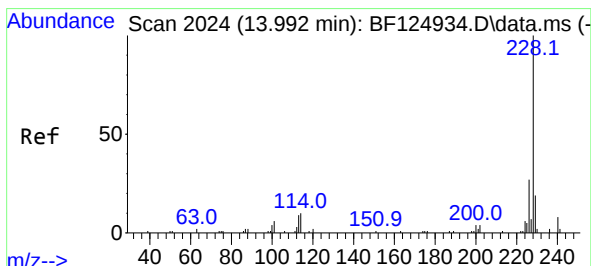
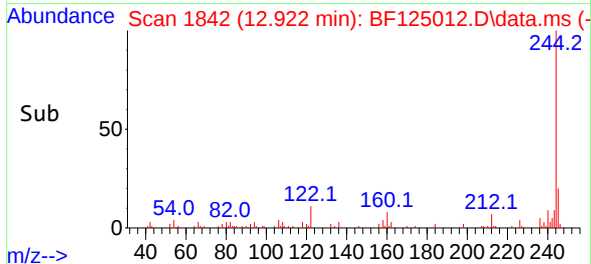
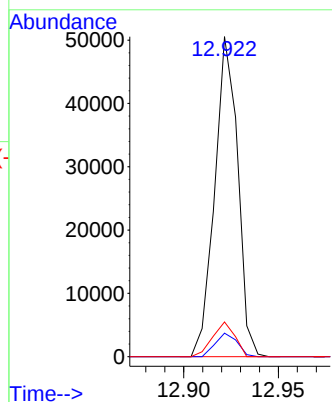
Instrument :
 BNA_F
 ClientSampleId :
 VNJ219-367



Tgt Ion:244 Resp: 42706
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.9 9.0 13.4

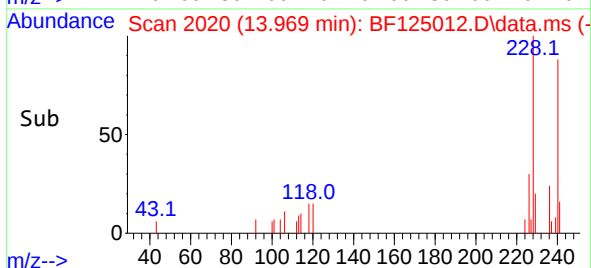
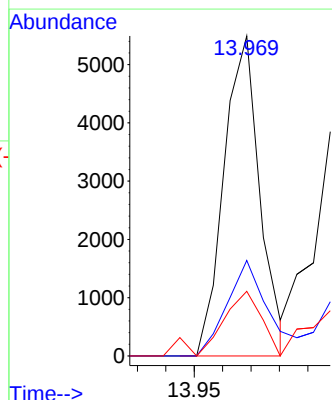
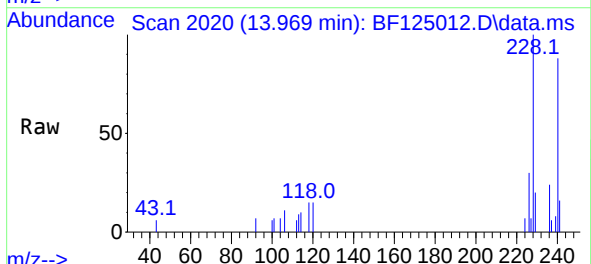
Manual Integrations
 APPROVED

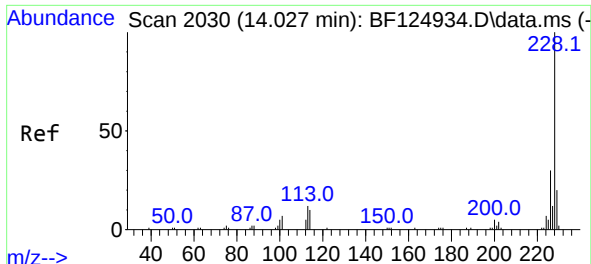
mohammad
 8/10/2021 4:34:54 PM



#81
 Benzo(a)anthracene
 Concen: 5.610 ng
 RT: 13.969 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF125012.D
 Acq: 9 Aug 2021 21:01

Tgt Ion:228 Resp: 4849
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.6 32.4
 229 20.2 15.6 23.4





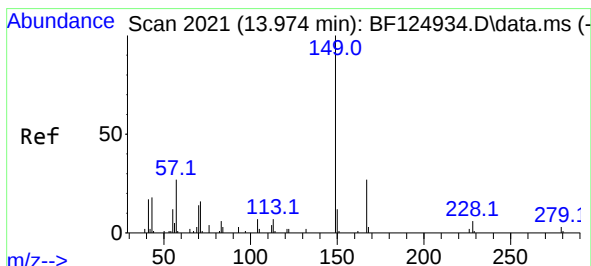
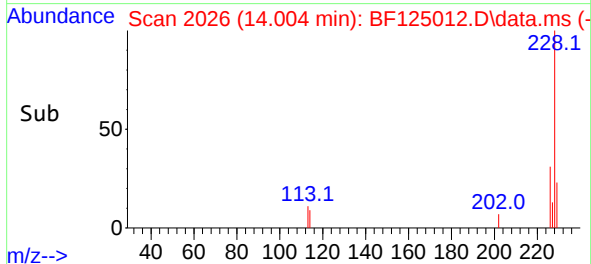
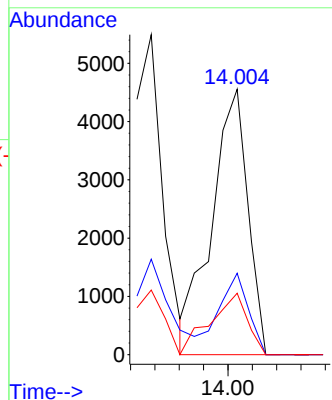
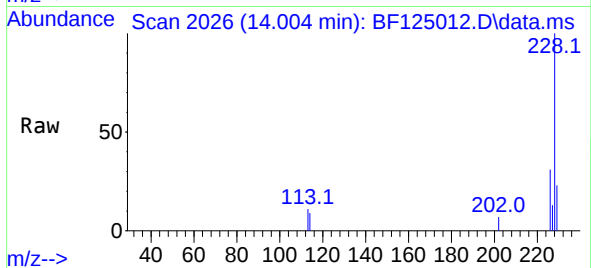
#83
Chrysene
Concen: 5.631 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	228	Resp:	4705
Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	34.0
229	23.2	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

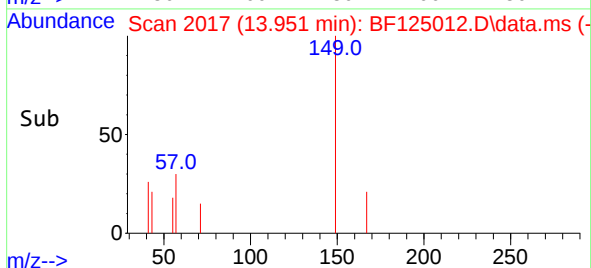
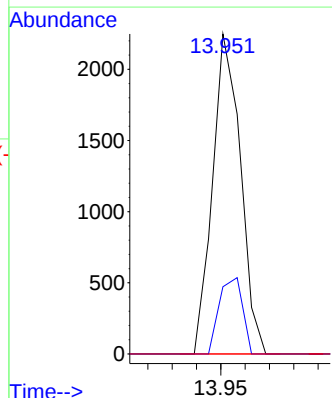
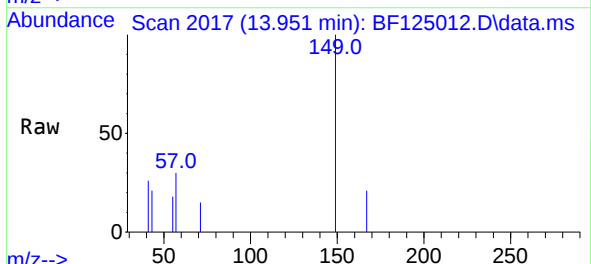
Manual Integrations
APPROVED

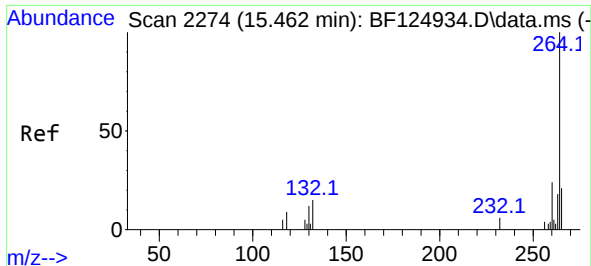
mohammad
8/10/2021 4:34:54 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.774 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	149	Resp:	1789
Ion	Ratio	Lower	Upper
149	100		
167	21.0	21.4	32.0#
279	0.0	2.6	4.0#





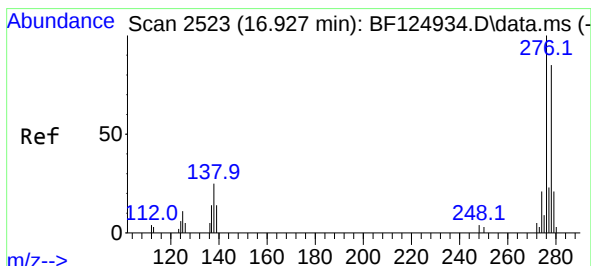
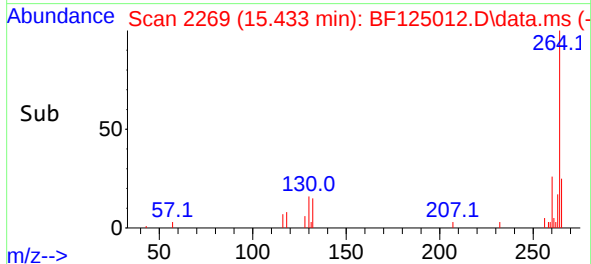
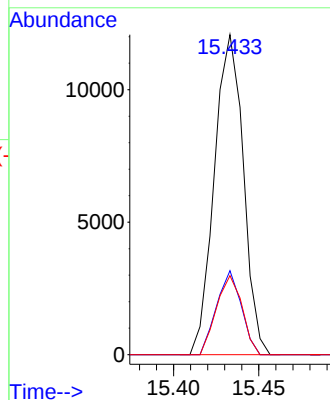
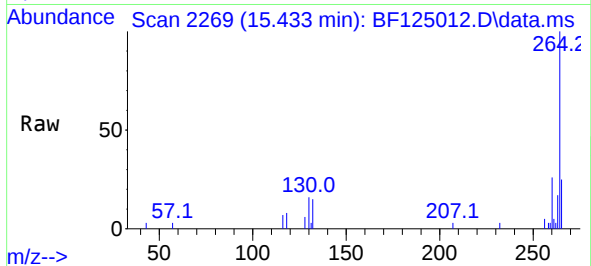
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	264	Resp:	14306
Ion Ratio	Lower	Upper	
264	100		
260	26.2	19.6	29.4
265	24.7	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

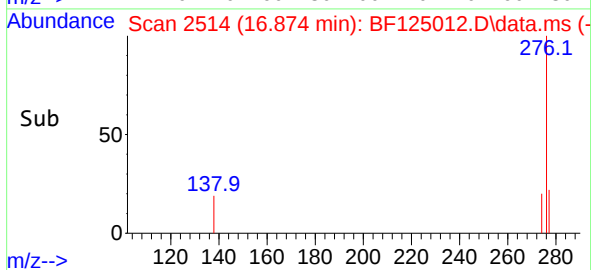
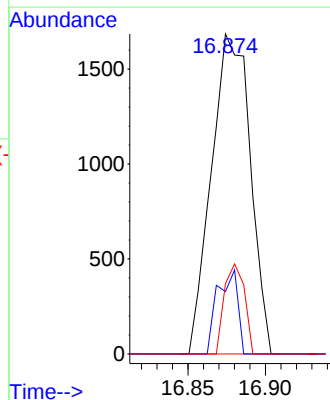
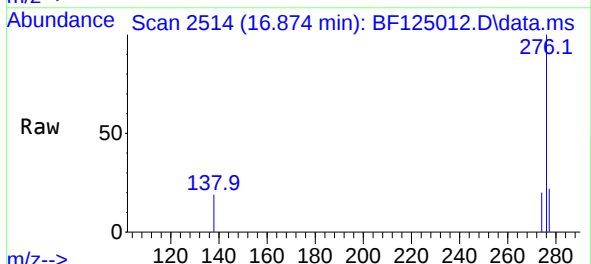
Manual Integrations
APPROVED

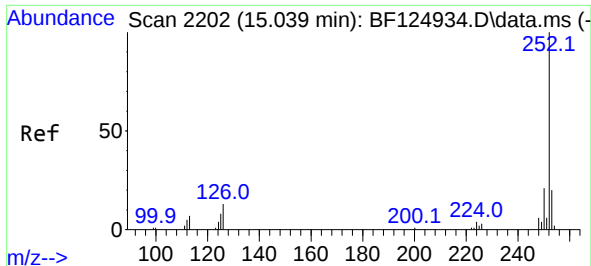
mohammad
8/10/2021 4:34:54 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.439 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.017 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:	276	Resp:	2930
Ion Ratio	Lower	Upper	
276	100		
138	13.6	24.1	36.1#
277	14.5	18.8	28.2#





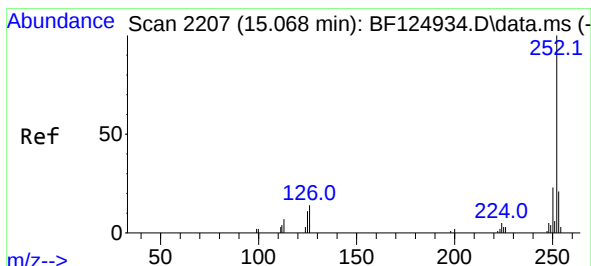
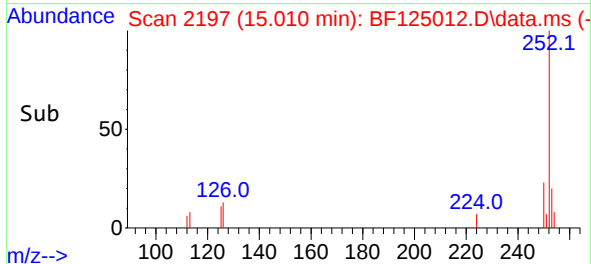
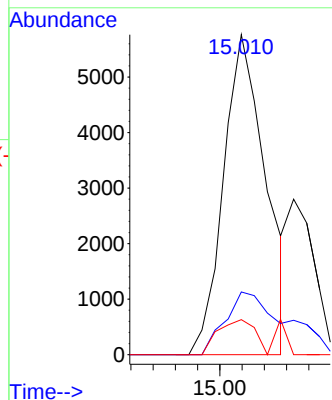
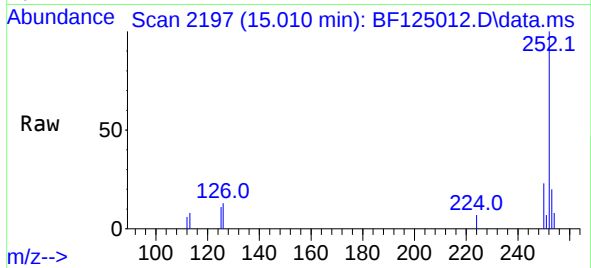
#88
Benzo(b)fluoranthene
Concen: 7.579 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:252 Resp: 7613
Ion Ratio Lower Upper
252 100
253 19.6 16.8 25.2
125 10.9 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

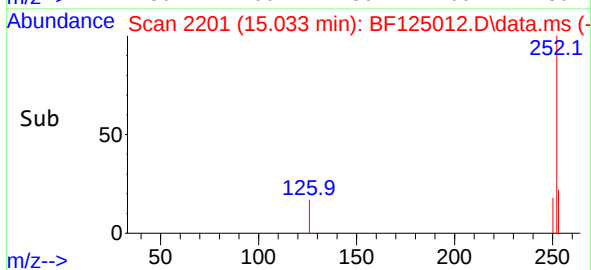
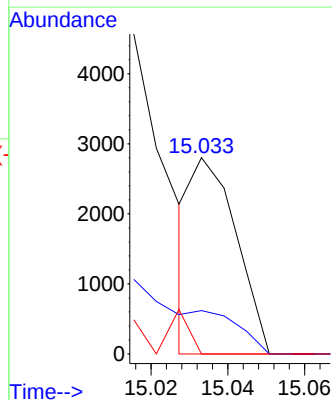
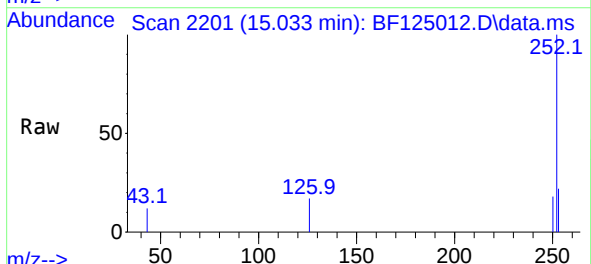
Manual Integrations
APPROVED

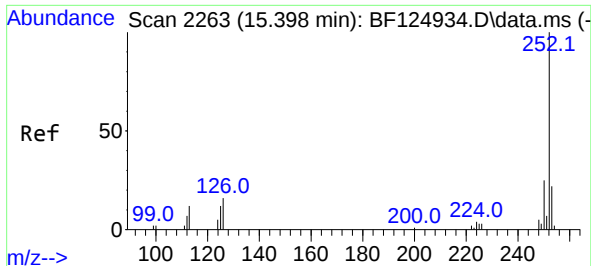
mohammad
8/10/2021 4:34:54 PM



#89
Benzo(k)fluoranthene
Concen: 2.449 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:252 Resp: 2238
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 0.0 7.2 10.8#





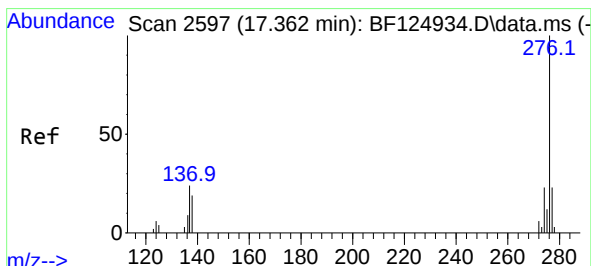
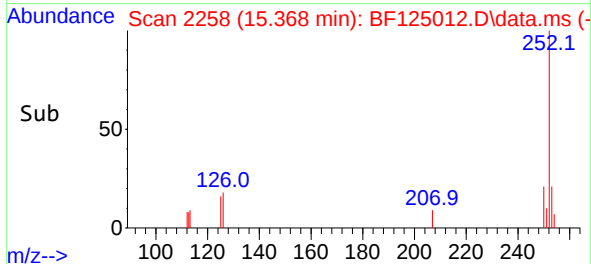
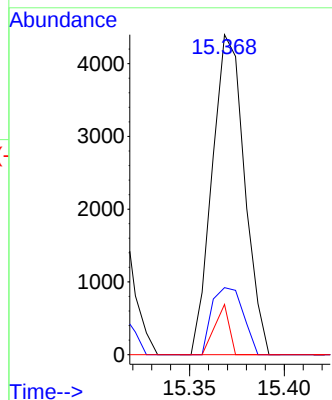
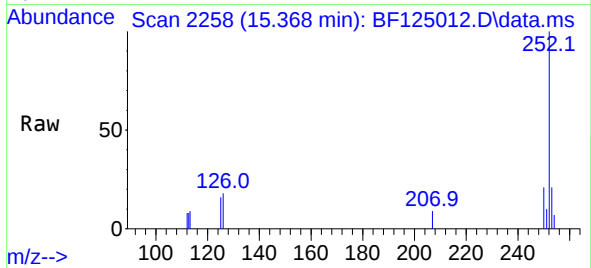
#90
Benzo(a)pyrene
Concen: 6.110 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Instrument :
BNA_F
ClientSampleId :
VNJ219-367

Tgt Ion:252 Resp: 5226
Ion Ratio Lower Upper
252 100
253 21.0 18.4 27.6
125 15.7 9.9 14.9#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:54 PM



#92
Benzo(g,h,i)perylene
Concen: 3.137 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.012 min
Lab File: BF125012.D
Acq: 9 Aug 2021 21:01

Tgt Ion:276 Resp: 2254
Ion Ratio Lower Upper
276 100
277 34.5 22.0 33.0#
138 26.9 22.2 33.4

