

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122121.D
 Acq On : 26 Oct 2020 18:09
 Operator : JU/CG
 Sample : L4510-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Manual Integrations
 APPROVED

mohammad
 10/27/2020 12:25:11 PM

Quant Time: Oct 27 00:55:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	99103	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	392249	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	204086	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	383180	20.00	ng	0.00
76) Chrysene-d12	13.874	240	262428	20.00	ng	0.00
86) Perylene-d12	15.304	264	227420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	611468	91.06	ng	0.00
7) Phenol-d6	6.363	99	774895	89.65	ng	0.00
23) Nitrobenzene-d5	7.281	82	532749	69.65	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	200965	79.60	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	909450	65.57	ng	0.00
79) Terphenyl-d14	12.815	244	910958	66.15	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.869	122	2715m	8.31	ng	
50) Dimethylphthalate	9.469	163	108655	7.28	ng	100
71) Phenanthrene	11.257	178	65918	3.14	ng	99
75) Fluoranthene	12.445	202	130021	5.77	ng	97
78) Pyrene	12.674	202	104184	5.21	ng	98
81) Benzo(a)anthracene	13.862	228	54591	3.17	ng	98
83) Chrysene	13.898	228	51064	3.02	ng	98
84) Bis(2-ethylhexyl)phtha...	13.845	149	35570	3.30	ng	99
87) Indeno(1,2,3-cd)pyrene	16.715	276	31412	2.13	ng	97
88) Benzo(b)fluoranthene	14.898	252	61631m	4.01	ng	
90) Benzo(a)pyrene	15.251	252	40063	3.02	ng	# 98
92) Benzo(g,h,i)perylene	17.133	276	30181	2.48	ng	96

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

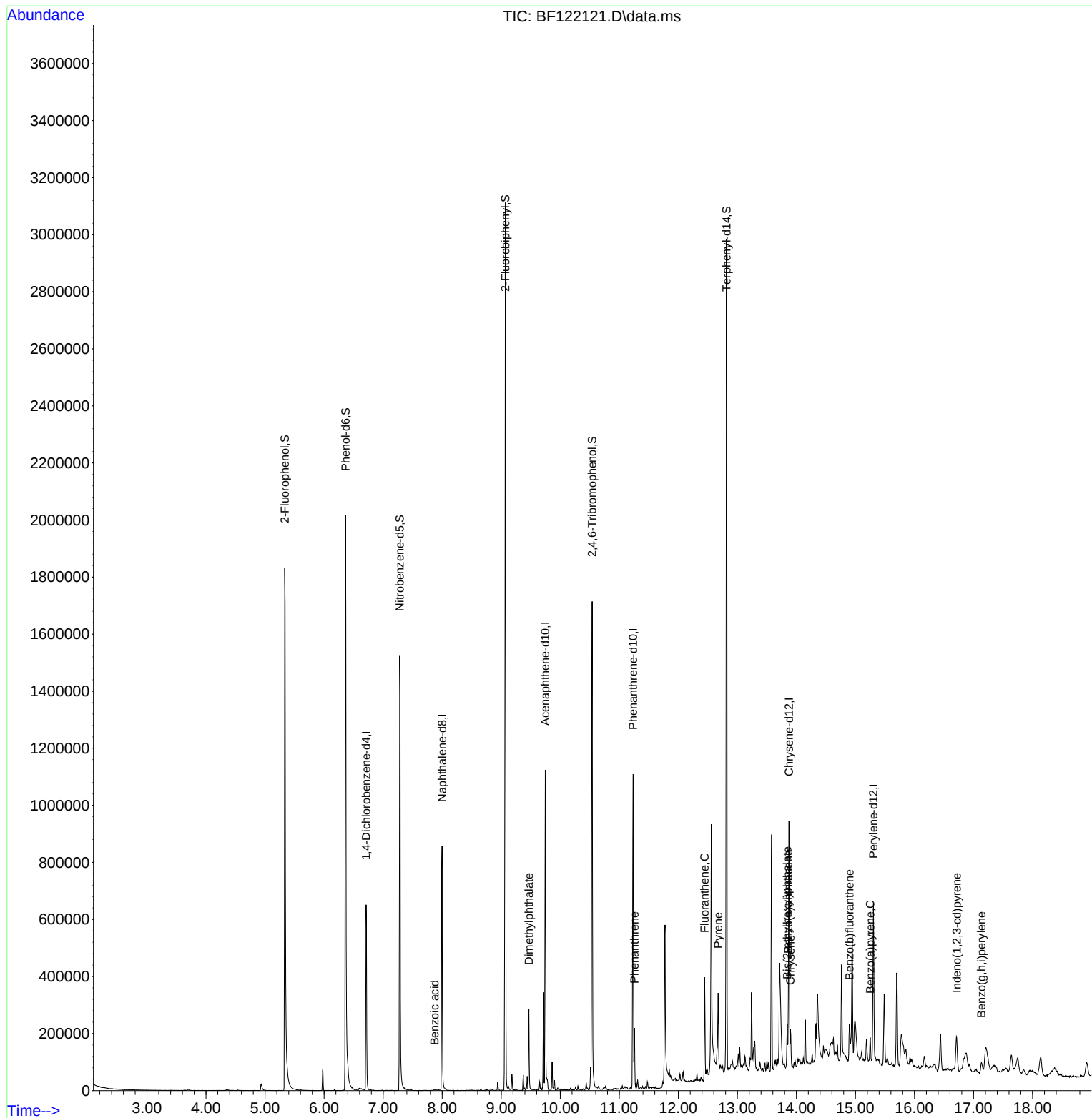
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122121.D
Acq On : 26 Oct 2020 18:09
Operator : JU/CG
Sample : L4510-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

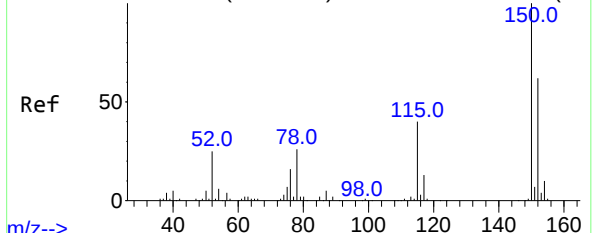
Manual Integrations
APPROVED

mohammad
10/27/2020 12:25:11 PM

Quant Time: Oct 27 00:55:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

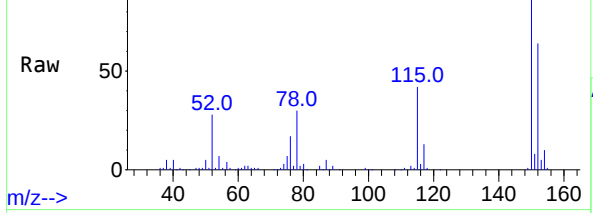


Abundance Scan 792 (6.745 min): BF121917.D\data.ms (-78



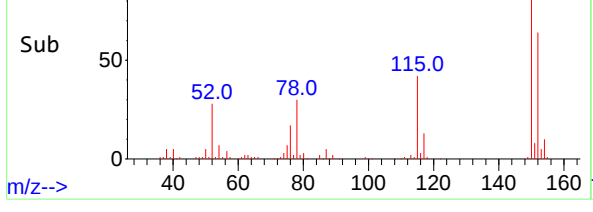
m/z-->

Abundance Scan 786 (6.710 min): BF122121.D\data.ms



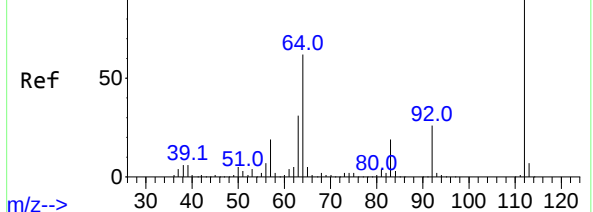
m/z-->

Abundance Scan 786 (6.710 min): BF122121.D\data.ms (-77



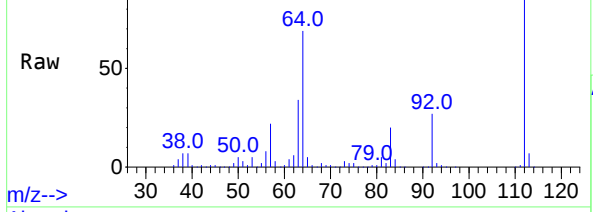
m/z-->

Abundance Scan 557 (5.363 min): BF121917.D\data.ms (-55



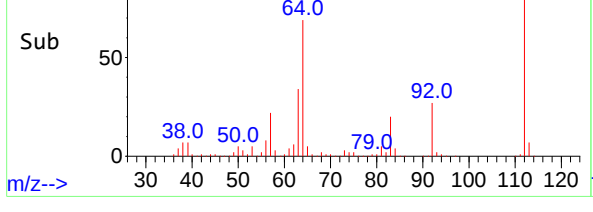
m/z-->

Abundance Scan 552 (5.334 min): BF122121.D\data.ms



m/z-->

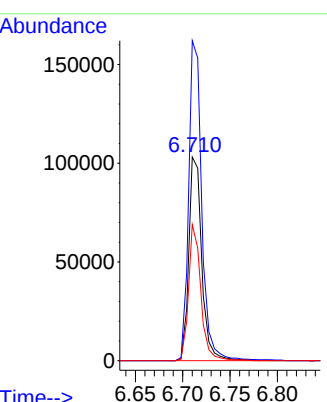
Abundance Scan 552 (5.334 min): BF122121.D\data.ms (-50



m/z-->

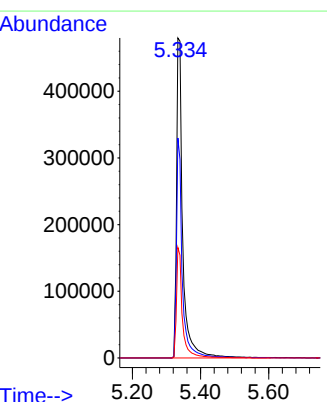
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	152	Resp:	99103
Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	66.7	51.9	77.9



#5
2-Fluorophenol
Concen: 91.06 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	112	Resp:	611468
Ion	Ratio	Lower	Upper
112	100		
64	68.7	50.4	75.6
63	34.5	25.8	38.6



Instrument :
BNA_F
ClientSampled :
COMP-6

Manual Integrations
APPROVED
mohammad
10/27/2020 12:25:11 PM



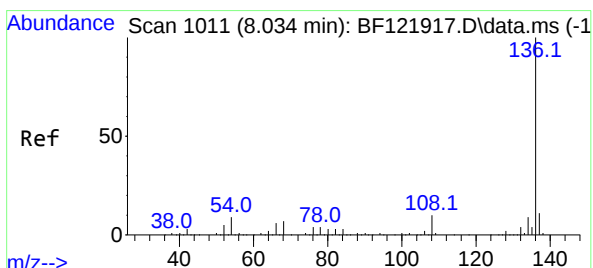
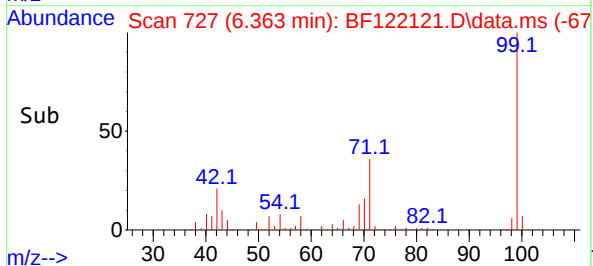
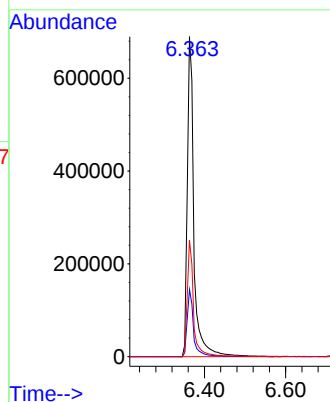
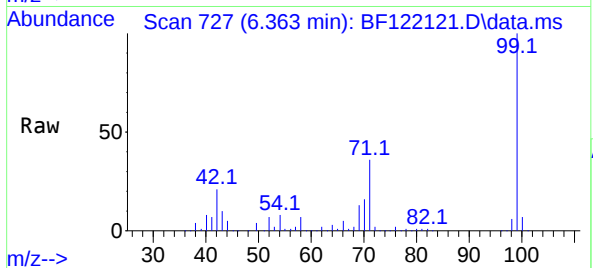
#7
Phenol-d6
Concen: 89.65 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 99 Resp: 774895
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 36.4 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
COMP-6

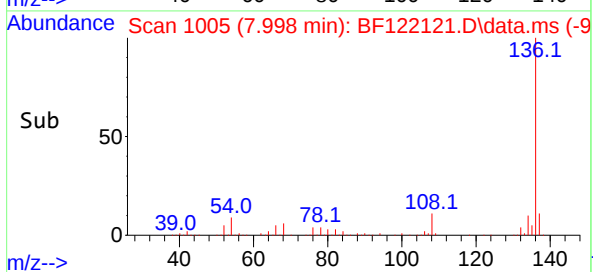
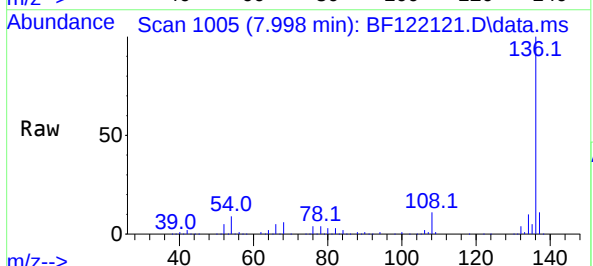
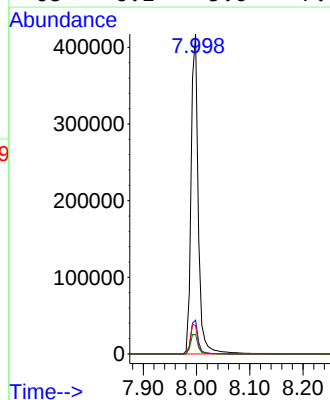
Manual Integrations
APPROVED

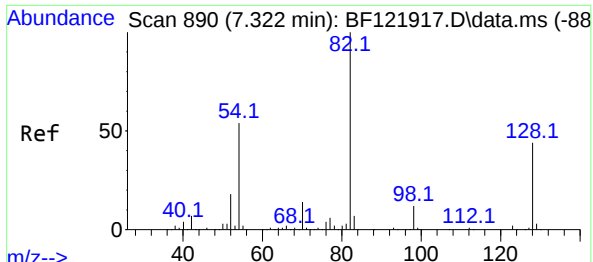
mohammad
10/27/2020 12:25:11 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 136 Resp: 392249
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.1 10.7
68 6.1 5.0 7.4





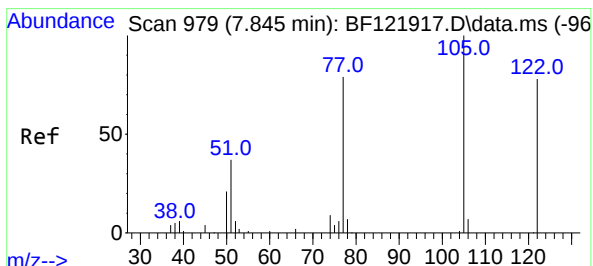
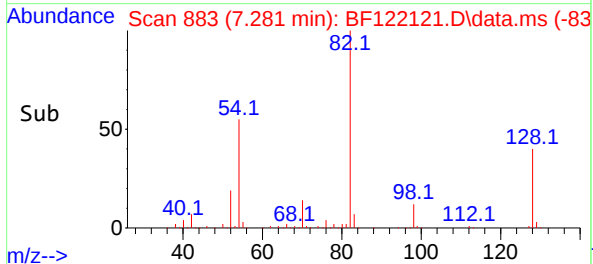
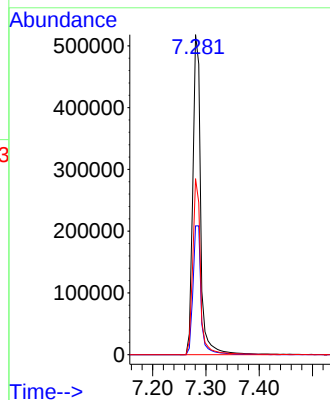
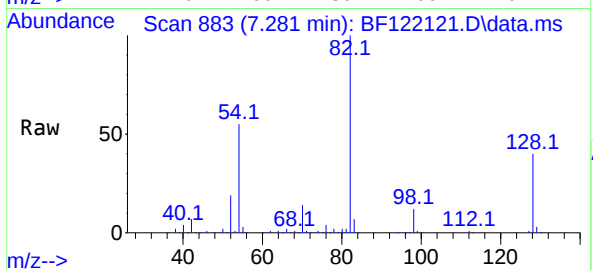
#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 82 Resp: 532749
Ion Ratio Lower Upper
82 100
128 40.3 35.0 52.4
54 55.0 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
COMP-6

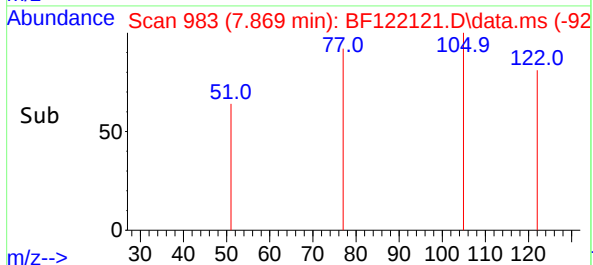
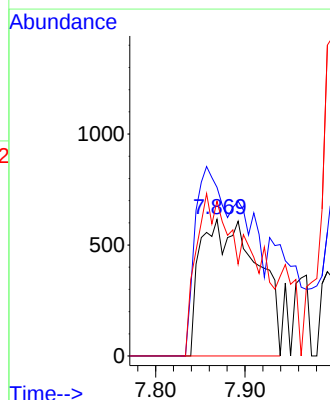
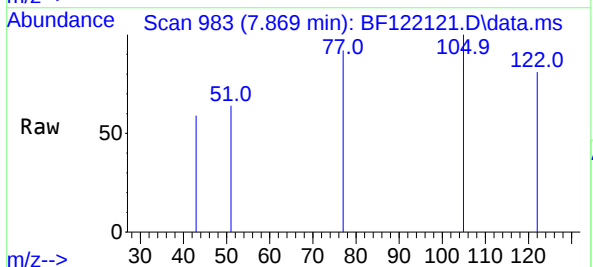
Manual Integrations
APPROVED

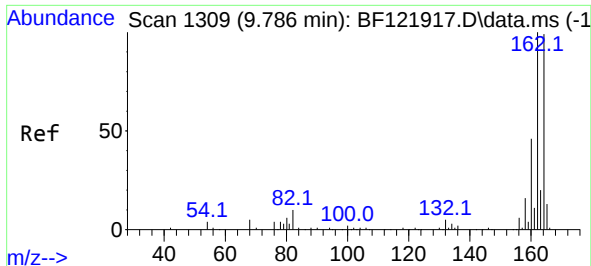
mohammad
10/27/2020 12:25:11 PM



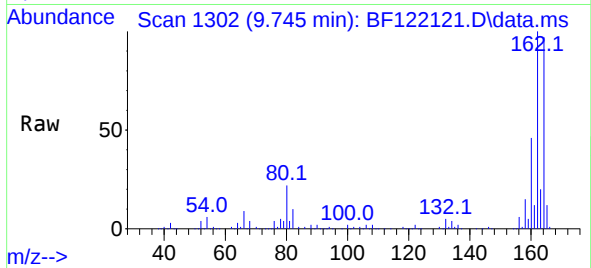
#32
Benzoic acid
Concen: 8.31 ng m
RT: 7.869 min Scan# 983
Delta R.T. 0.041 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:122 Resp: 2715
Ion Ratio Lower Upper
122 100
105 123.4 103.3 143.3
77 113.1 73.9 113.9

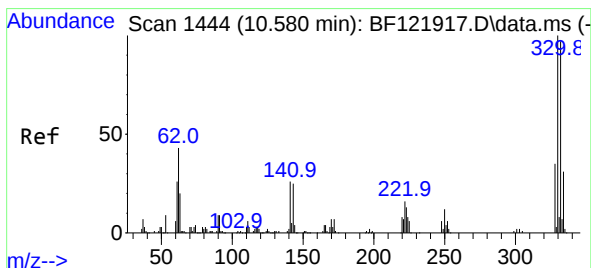
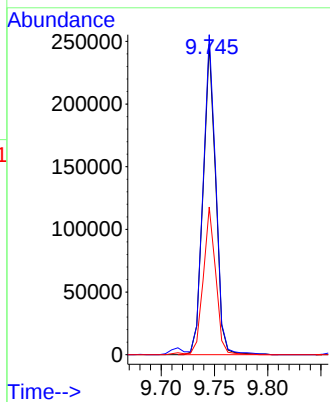
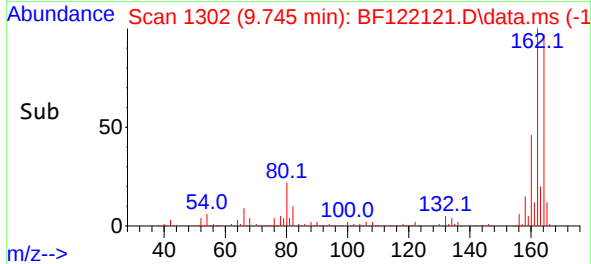




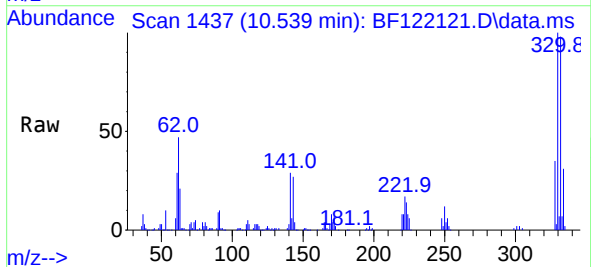
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



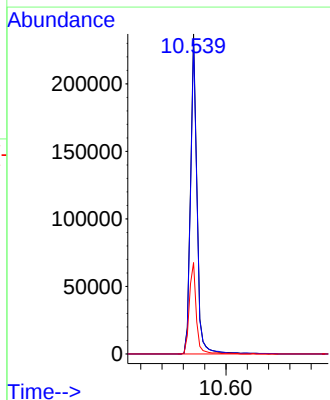
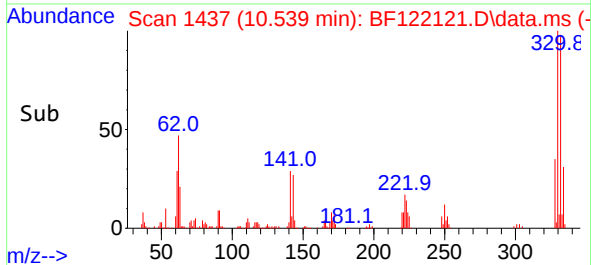
Tgt Ion:164 Resp: 204086
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 47.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 79.60 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



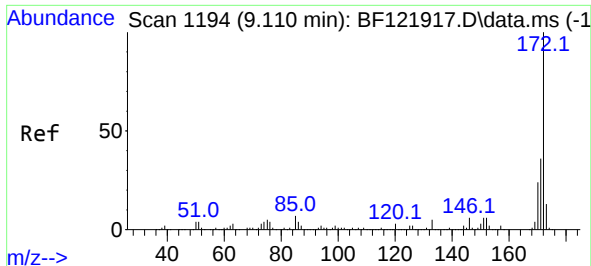
Tgt Ion:330 Resp: 200965
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 30.2 22.3 33.5



Instrument :
BNA_F
ClientSampleId :
COMP-6

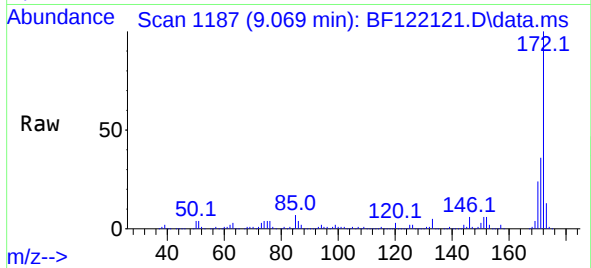
Manual Integrations
APPROVED

mohammad
10/27/2020 12:25:11 PM



#45
2-Fluorobiphenyl
Concen: 65.57 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

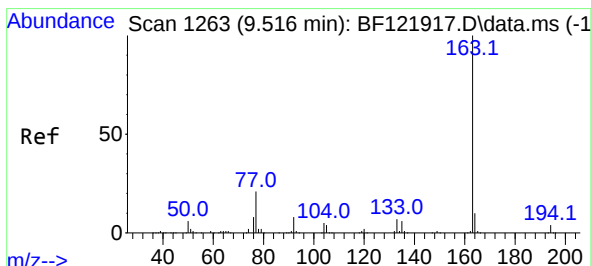
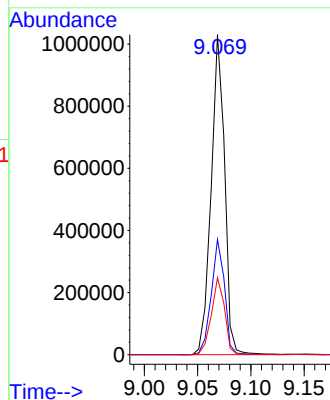
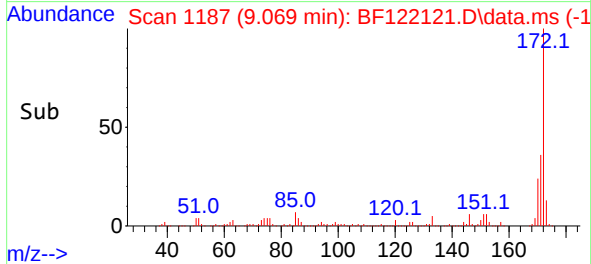
Instrument :
BNA_F
ClientSampled :
COMP-6



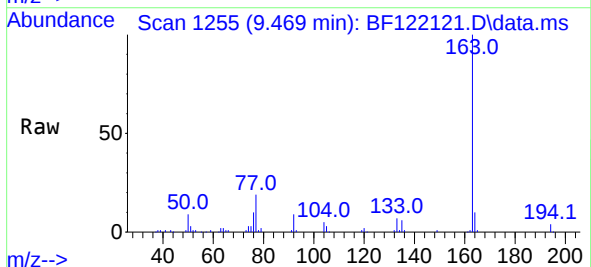
Tgt Ion:172 Resp: 909450
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.0 19.8 29.6

Manual Integrations
APPROVED

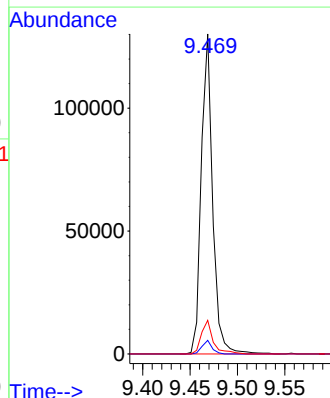
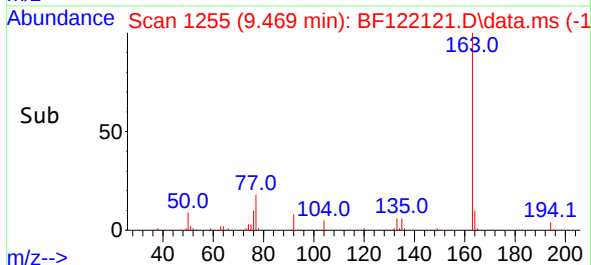
mohammad
10/27/2020 12:25:11 PM

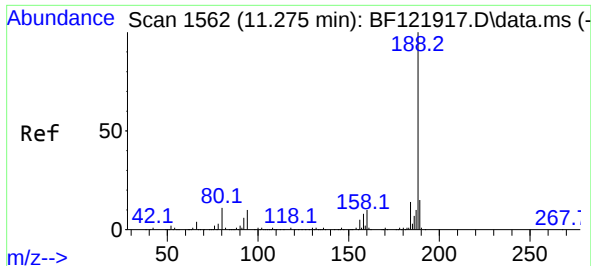


#50
Dimethylphthalate
Concen: 7.28 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



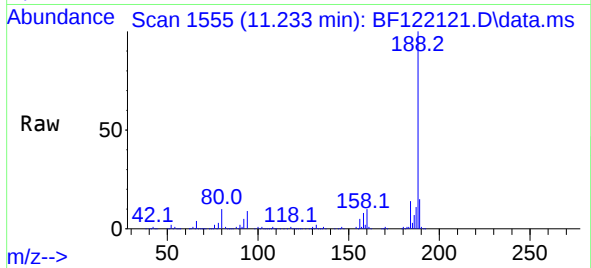
Tgt Ion:163 Resp: 108655
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

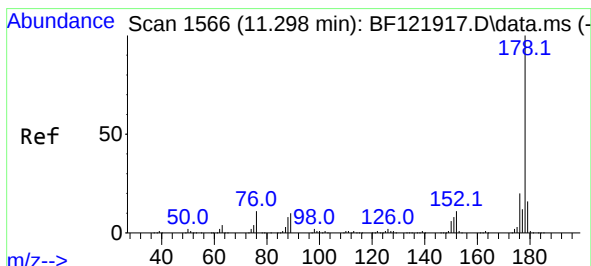
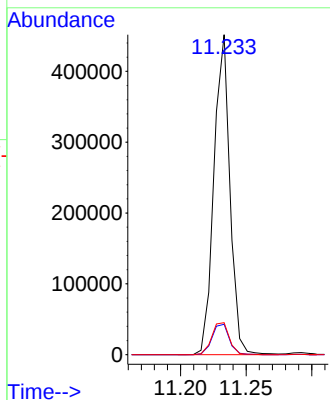
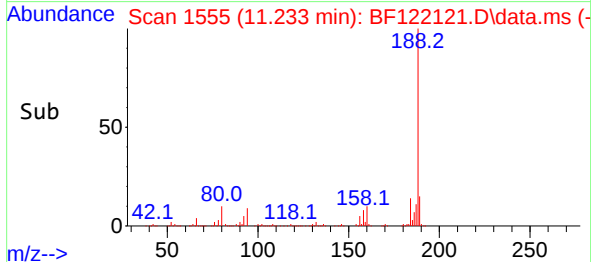
Instrument :
BNA_F
ClientSampled :
COMP-6



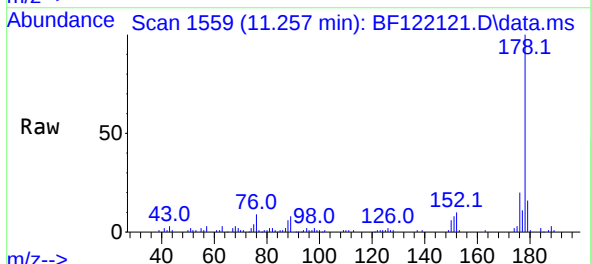
Tgt Ion:188 Resp: 383180
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.0 9.1 13.7

Manual Integrations
APPROVED

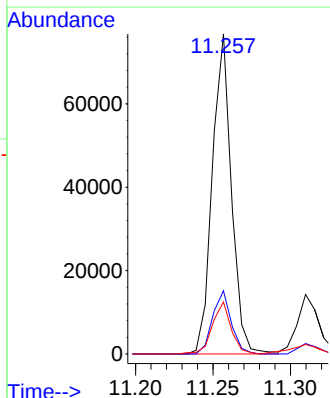
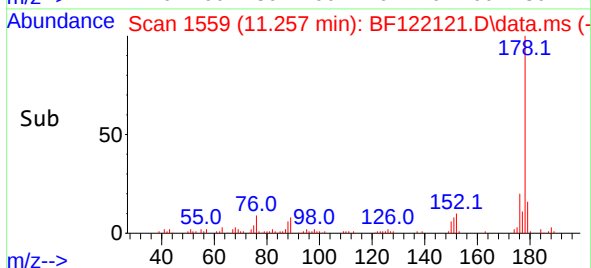
mohammad
10/27/2020 12:25:11 PM

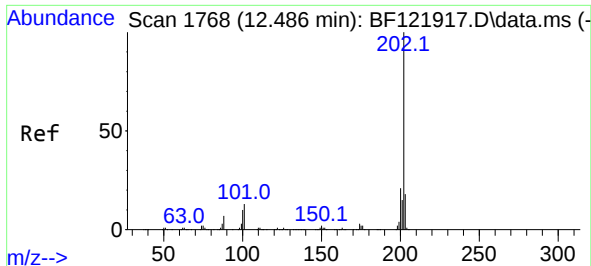


#71
Phenanthrene
Concen: 3.14 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



Tgt Ion:178 Resp: 65918
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.3 12.2 18.4





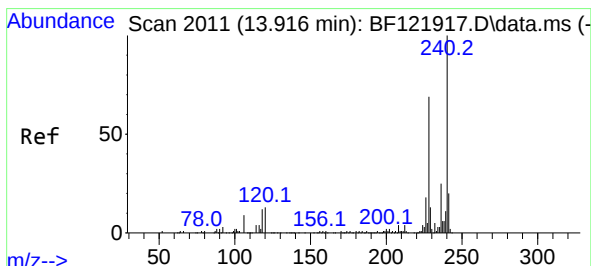
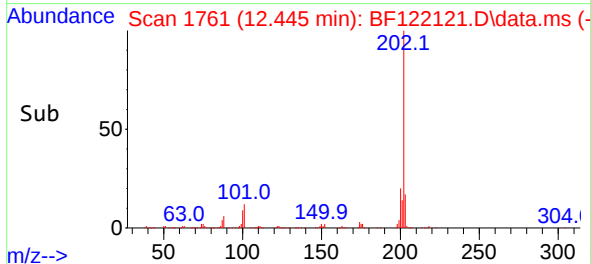
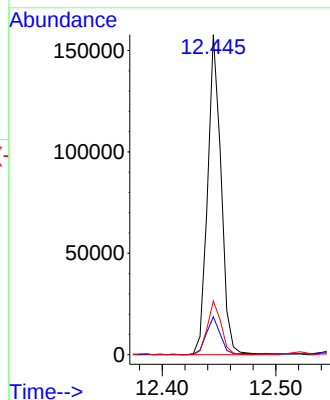
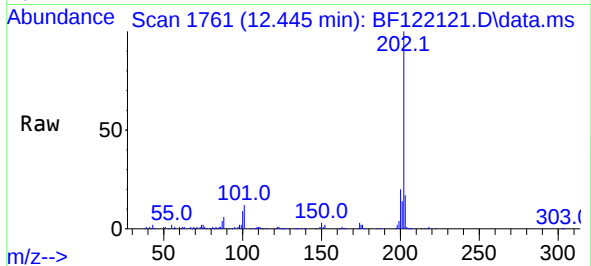
#75
Fluoranthene
Concen: 5.77 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	202	Resp:	130021
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.4
203	16.8	0.0	37.9

Instrument :
BNA_F
ClientSampleId :
COMP-6

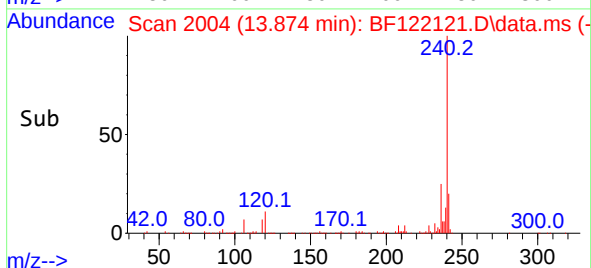
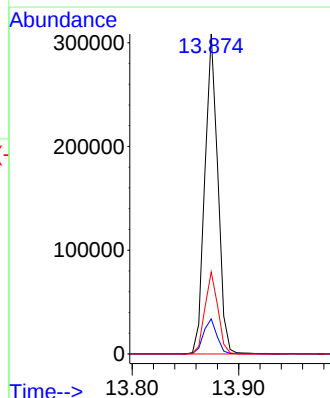
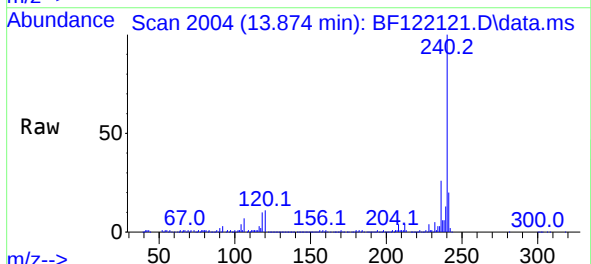
Manual Integrations
APPROVED

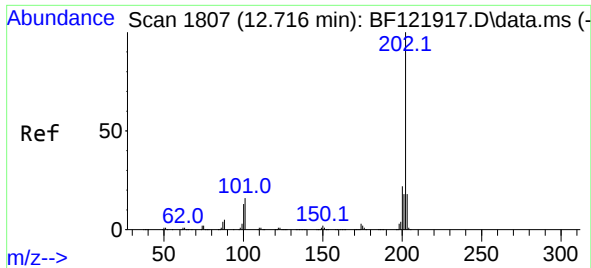
mohammad
10/27/2020 12:25:11 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	240	Resp:	262428
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.2	13.8
236	25.7	20.9	31.3





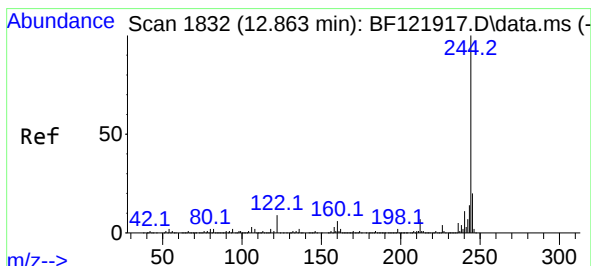
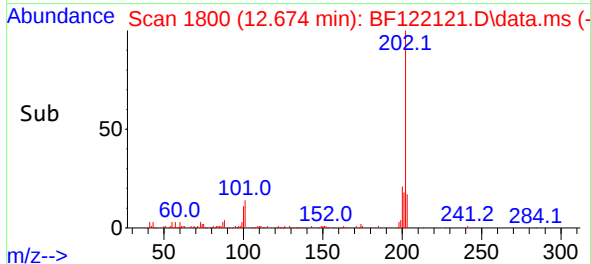
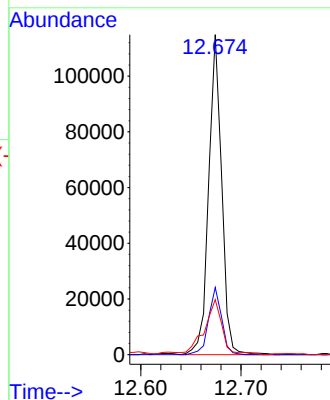
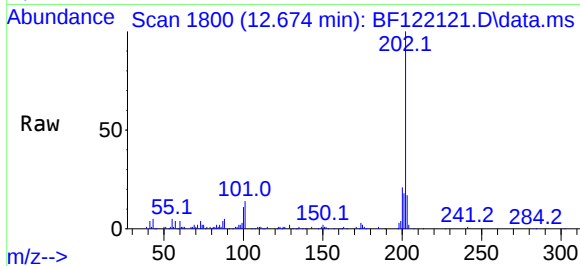
#78
Pyrene
Concen: 5.21 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	202	Resp:	104184
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.2	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
COMP-6

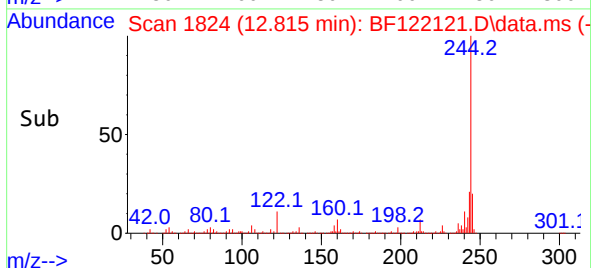
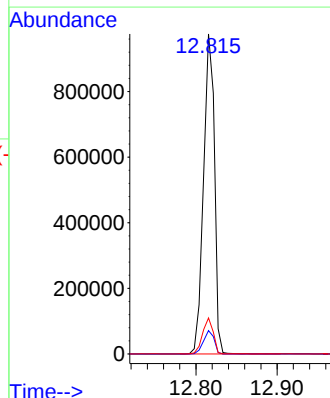
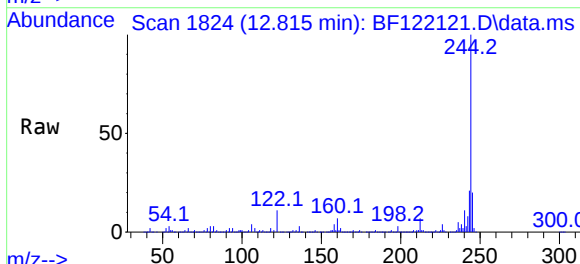
Manual Integrations
APPROVED

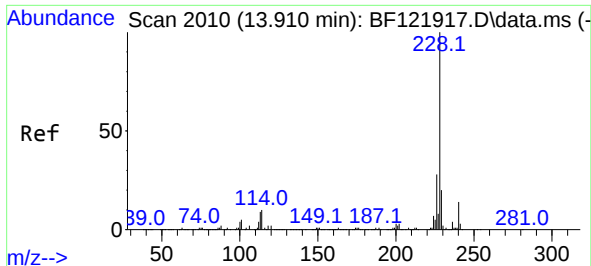
mohammad
10/27/2020 12:25:11 PM



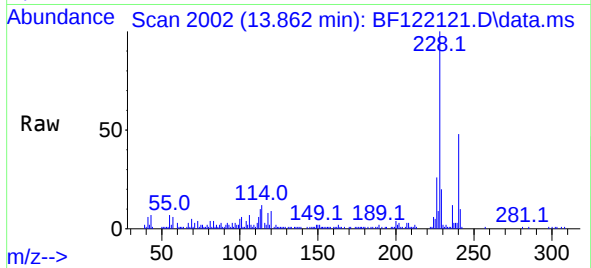
#79
Terphenyl-d14
Concen: 66.15 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	244	Resp:	910958
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.2
122	11.2	8.1	12.1





#81
Benzo(a)anthracene
Concen: 3.17 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

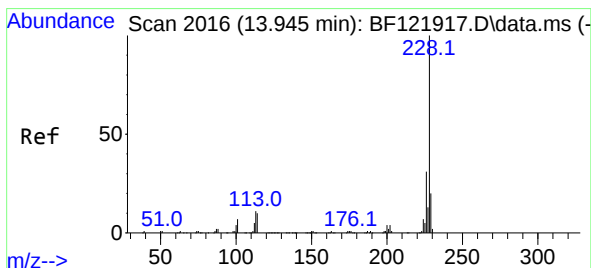
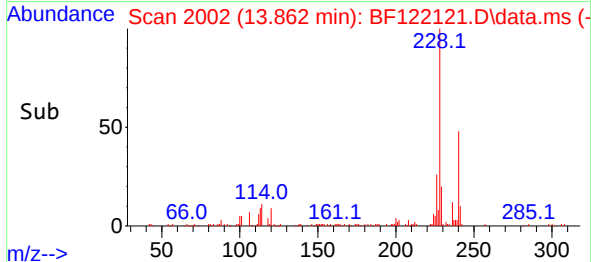
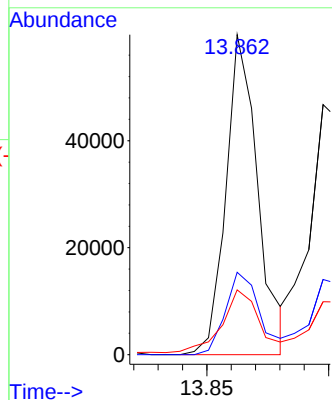


Tgt Ion:228 Resp: 54591
Ion Ratio Lower Upper
228 100
226 25.8 22.3 33.5
229 20.3 16.2 24.4

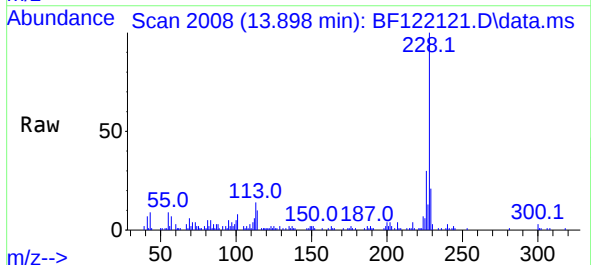
Instrument :
BNA_F
ClientSampled :
COMP-6

Manual Integrations
APPROVED

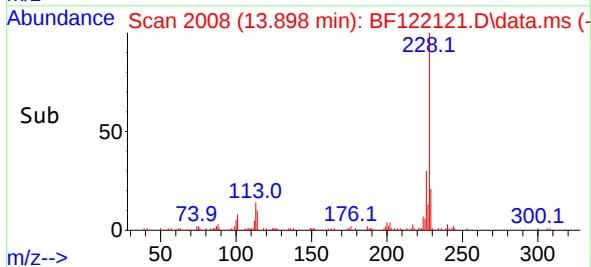
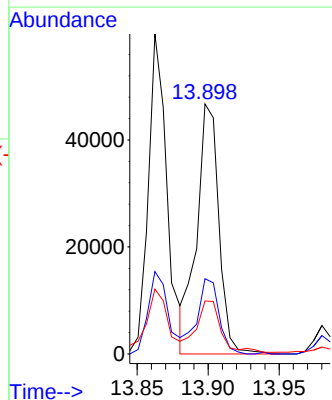
mohammad
10/27/2020 12:25:11 PM

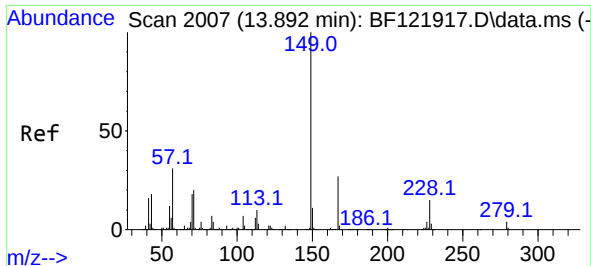


#83
Chrysene
Concen: 3.02 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

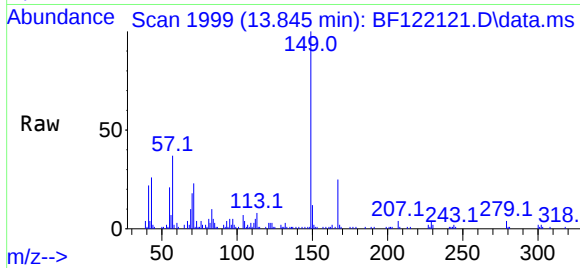


Tgt Ion:228 Resp: 51064
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 21.2 15.9 23.9

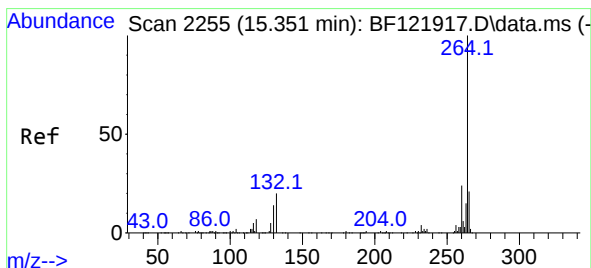
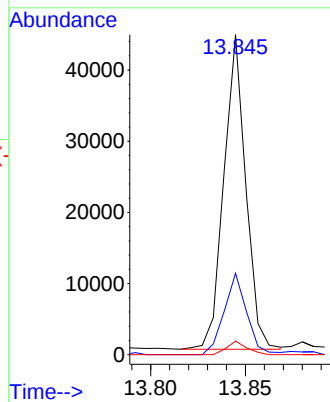
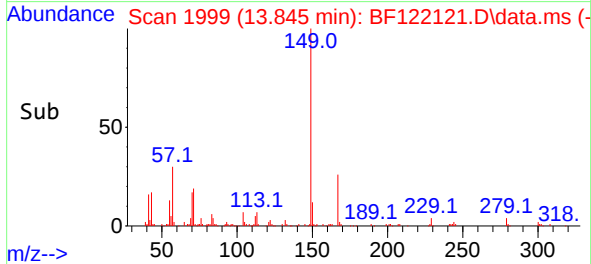




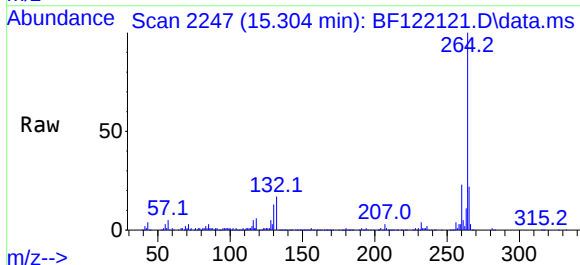
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.30 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



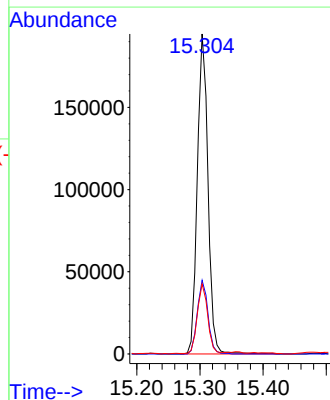
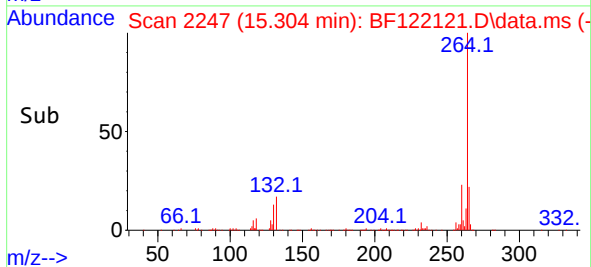
Tgt Ion:149 Resp: 35570
Ion Ratio Lower Upper
149 100
167 25.4 20.9 31.3
279 4.3 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



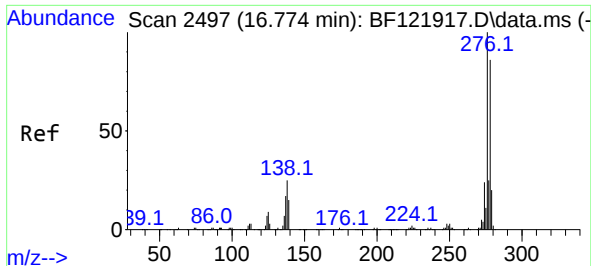
Tgt Ion:264 Resp: 227420
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.9 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
COMP-6

Manual Integrations
APPROVED

mohammad
10/27/2020 12:25:11 PM



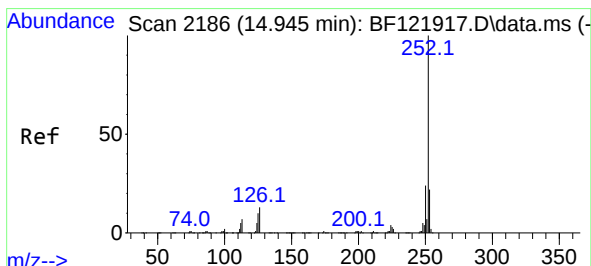
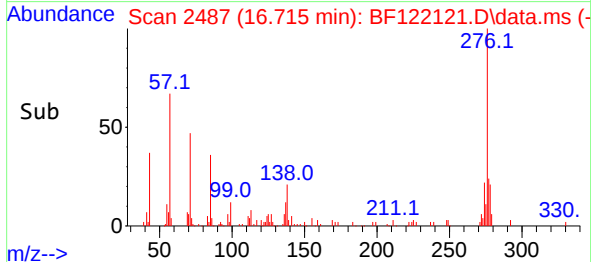
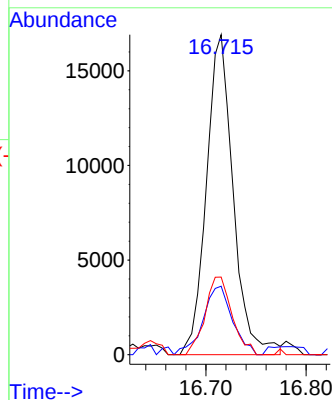
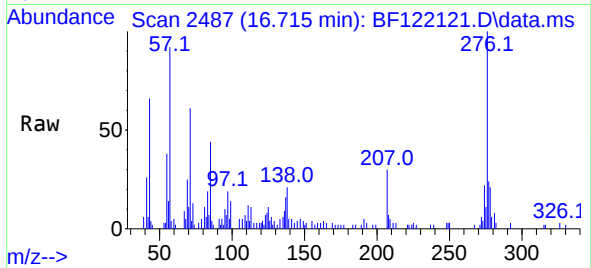
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 16.715 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

Tgt Ion:	276	Resp:	31412
Ion Ratio	Lower	Upper	
276	100		
138	23.4	19.9	29.9
277	24.4	20.4	30.6

Instrument :
BNA_F
ClientSampleId :
COMP-6

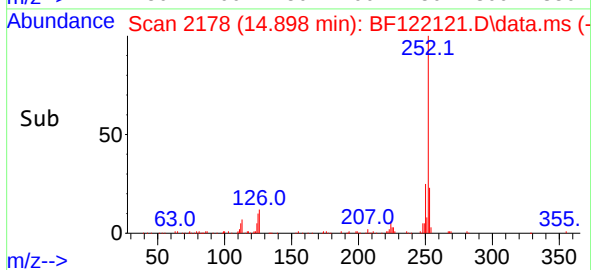
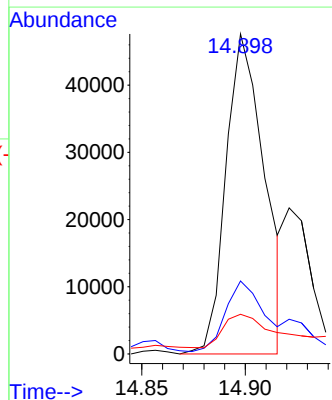
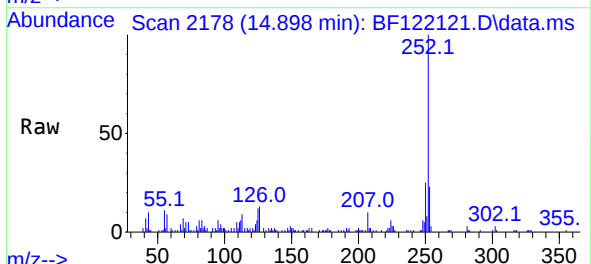
Manual Integrations
APPROVED

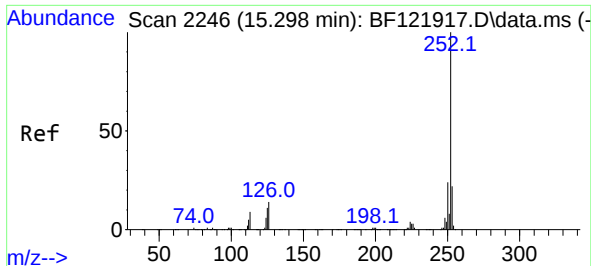
mohammad
10/27/2020 12:25:11 PM



#88
Benzo(b)fluoranthene
Concen: 4.01 ng m
RT: 14.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

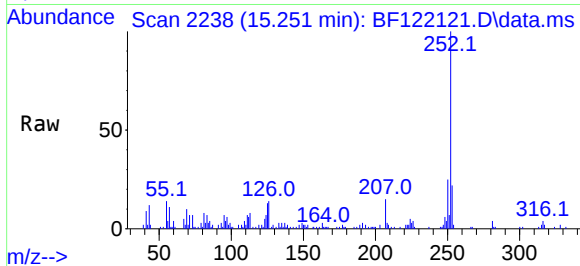
Tgt Ion:	252	Resp:	61631
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	12.4	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 3.02 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09

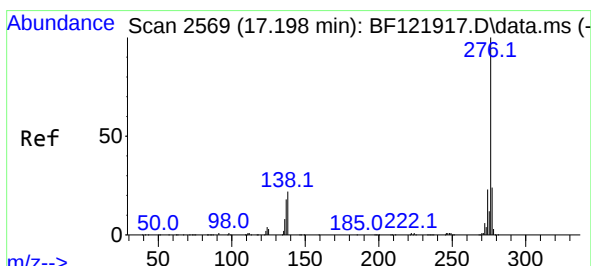
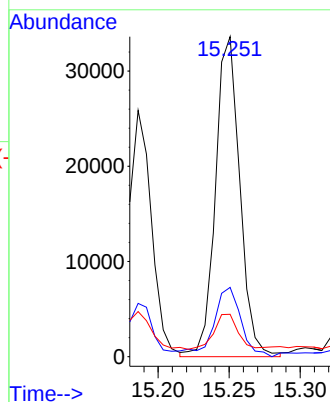
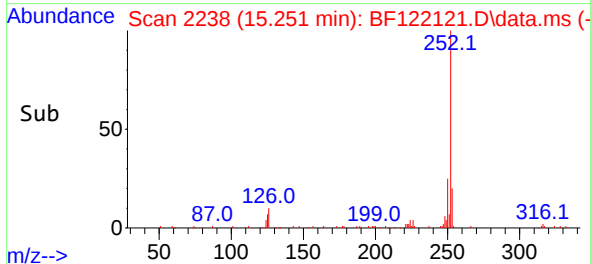
Instrument :
BNA_F
ClientSampled :
COMP-6



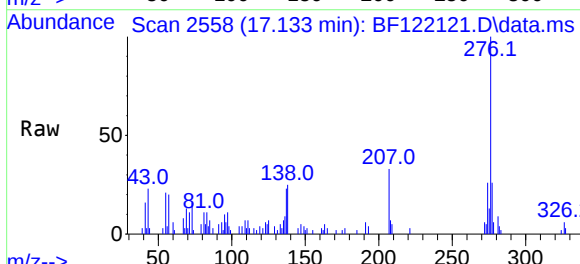
Tgt Ion:252 Resp: 40063
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 13.2 8.6 13.0#

Manual Integrations
APPROVED

mohammad
10/27/2020 12:25:11 PM



#92
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF122121.D
Acq: 26 Oct 2020 18:09



Tgt Ion:276 Resp: 30181
Ion Ratio Lower Upper
276 100
277 25.9 19.4 29.2
138 25.0 17.8 26.6

