

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124139.D
 Acq On : 4 Jun 2021 14:49
 Operator : JU/CG
 Sample : M2585-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:28 PM

Quant Time: Jun 04 15:26:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	38167	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	133740	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	65470	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	106155	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	96151	20.00	ng	0.00
86) Perylene-d12	15.515	264	67730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	214997	84.80	ng	0.00
7) Phenol-d6	6.504	99	255179	74.88	ng	0.00
23) Nitrobenzene-d5	7.428	82	205261	60.87	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	65199	70.29	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	333684	64.14	ng	0.00
79) Terphenyl-d14	12.974	244	313194	44.72	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	73895	11.14	ng	97
75) Fluoranthene	12.604	202	122441	17.59	ng	98
78) Pyrene	12.833	202	124997	13.54	ng	100
81) Benzo(a)anthracene	14.021	228	52645	7.52	ng	99
83) Chrysene	14.057	228	57946	8.57	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	79923	17.94	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	19530	7.49	ng	# 90
88) Benzo(b)fluoranthene	15.080	252	58014m	11.03	ng	
89) Benzo(k)fluoranthene	15.104	252	16406m	3.29	ng	
90) Benzo(a)pyrene	15.451	252	33508	7.33	ng	93
92) Benzo(g,h,i)perylene	17.451	276	17849	7.27	ng	# 64

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

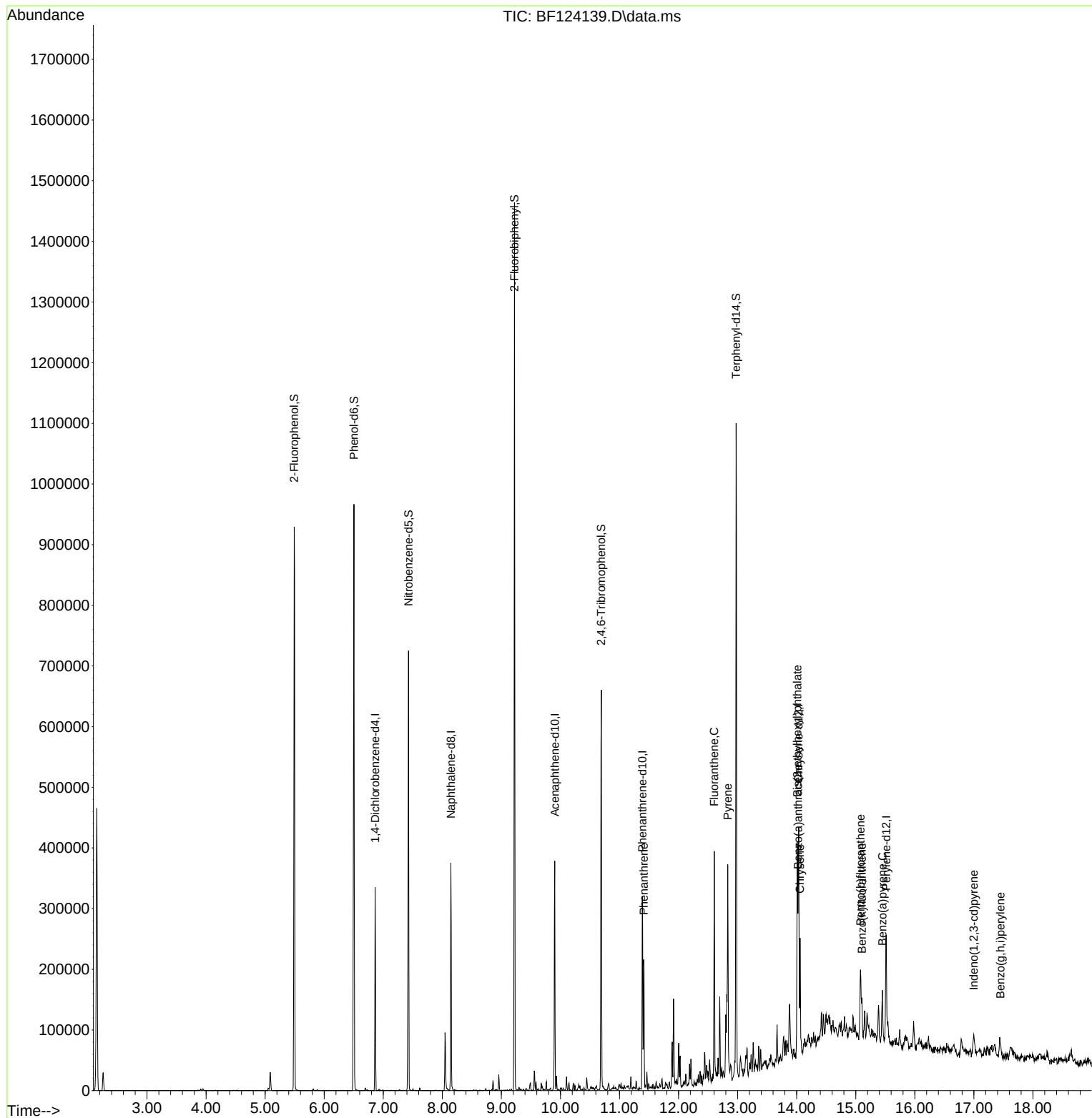
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124139.D
Acq On : 4 Jun 2021 14:49
Operator : JU/CG
Sample : M2585-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

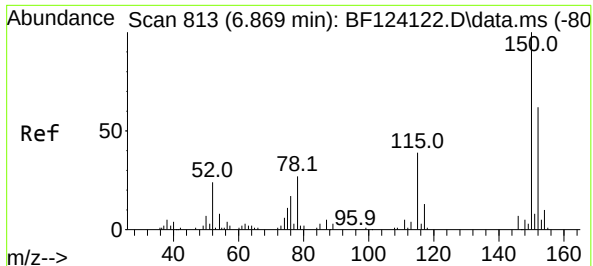
Instrument :
BNA_F
ClientSampleId :
ETGI-363

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:28 PM

Quant Time: Jun 04 15:26:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration





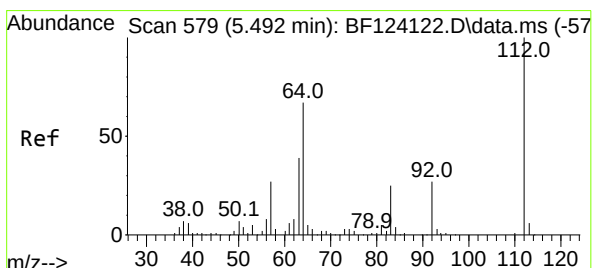
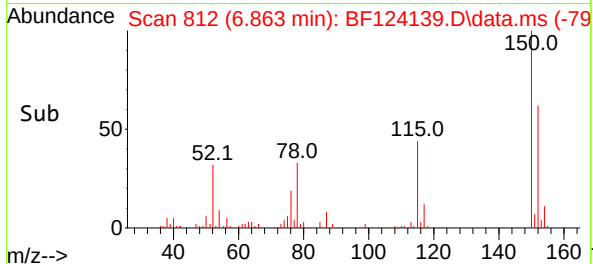
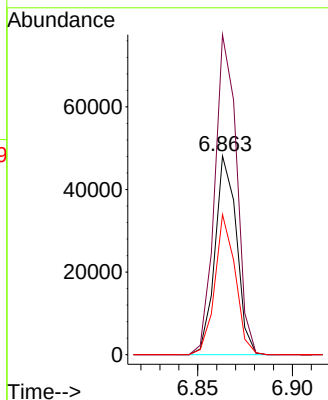
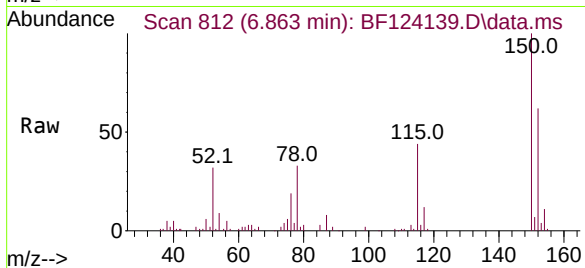
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:152 Resp: 38167
Ion Ratio Lower Upper
152 100
150 161.0 127.0 190.6
115 70.5 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
ETGI-363

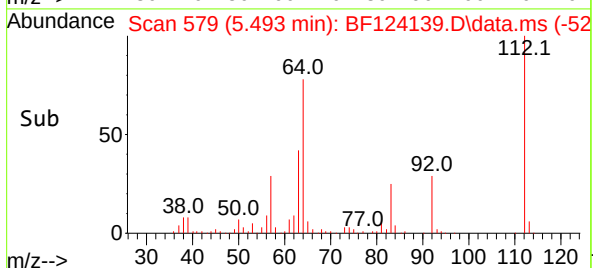
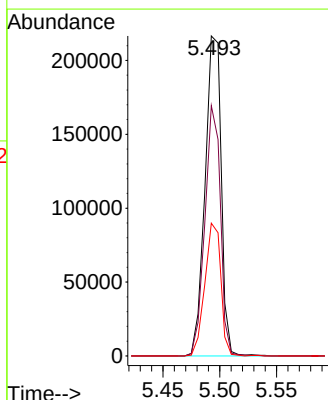
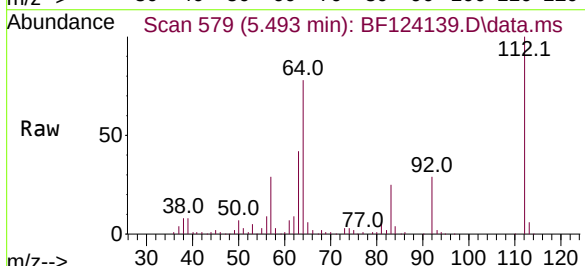
Manual Integrations
APPROVED

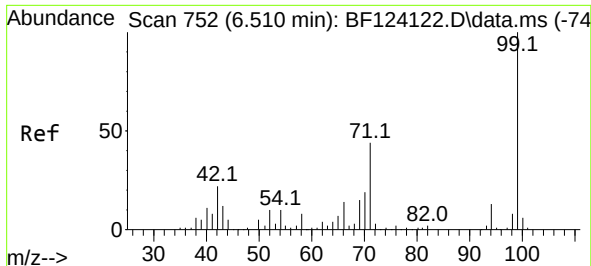
mohammad
6/7/2021 12:24:28 PM



#5
2-Fluorophenol
Concen: 84.80 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:112 Resp: 214997
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 41.5 33.0 49.4





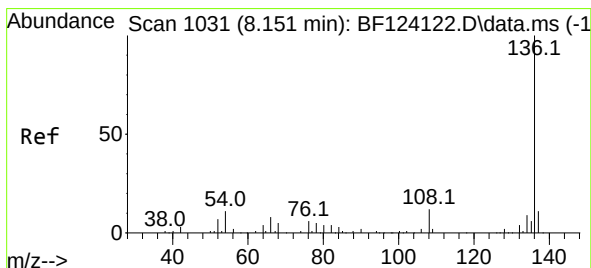
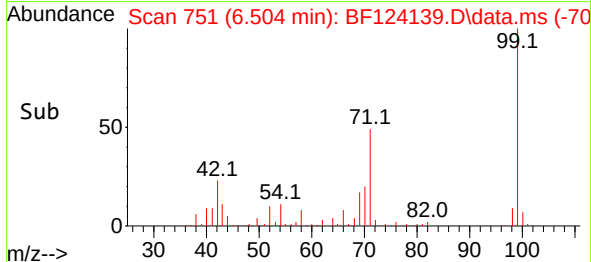
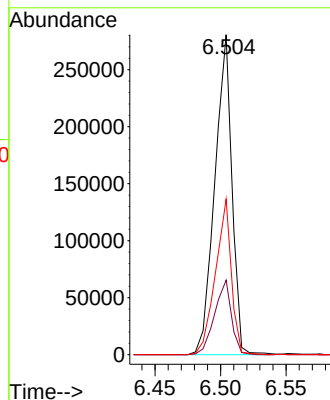
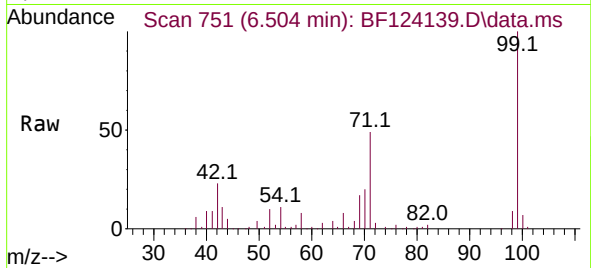
#7
Phenol-d6
Concen: 74.88 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 99 Resp: 255179
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.8
71 48.6 31.1 46.7#

Instrument :
BNA_F
ClientSampleId :
ETGI-363

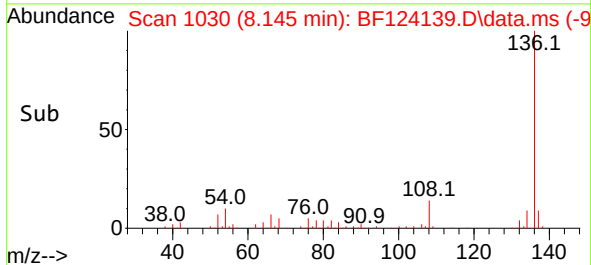
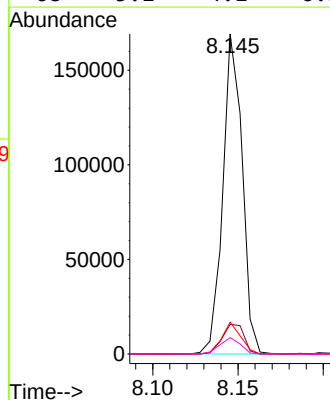
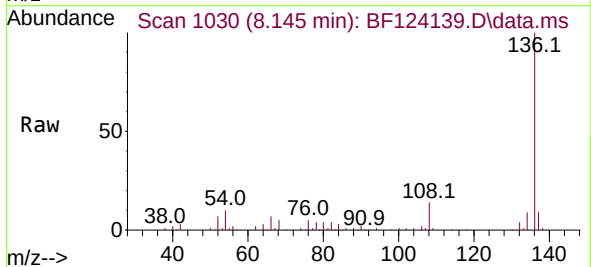
Manual Integrations
APPROVED

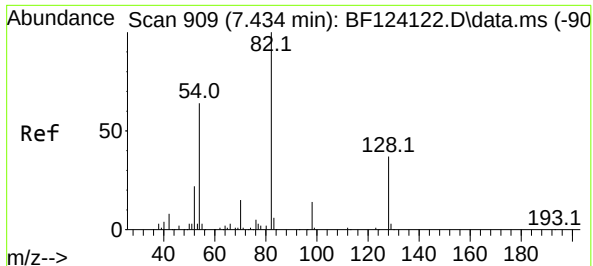
mohammad
6/7/2021 12:24:28 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 136 Resp: 133740
Ion Ratio Lower Upper
136 100
137 9.3 8.7 13.1
54 10.0 9.8 14.6
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 60.87 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

Tgt Ion: 82 Resp: 205261

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.4	44.2
54	58.8	54.1	81.1

Instrument :

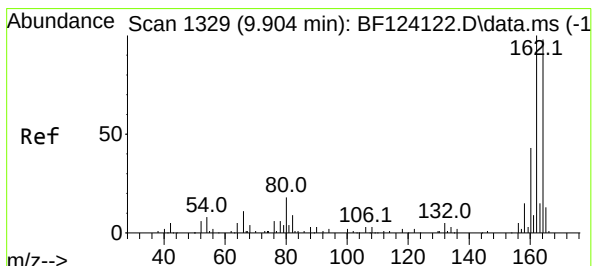
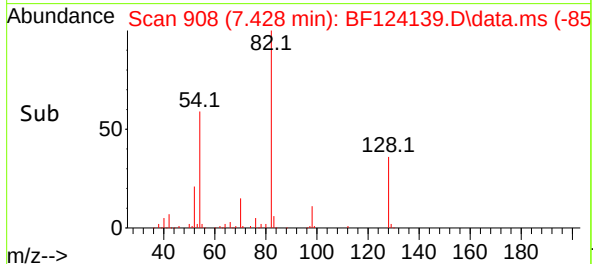
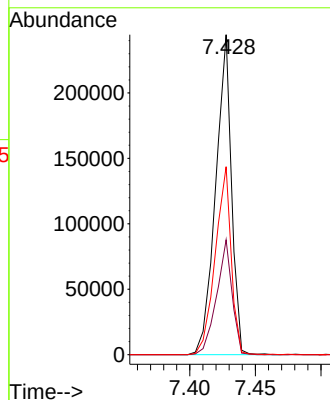
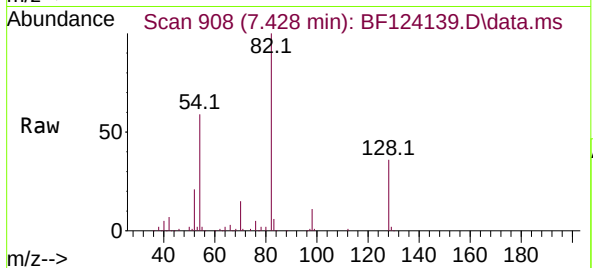
BNA_F

ClientSampled :

ETGI-363

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:28 PM



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

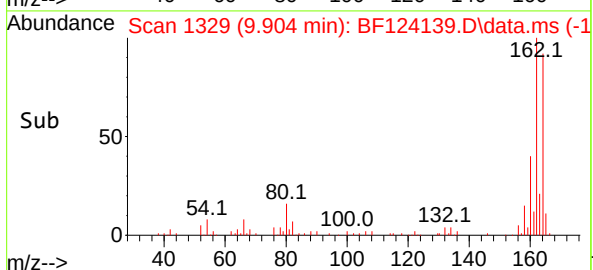
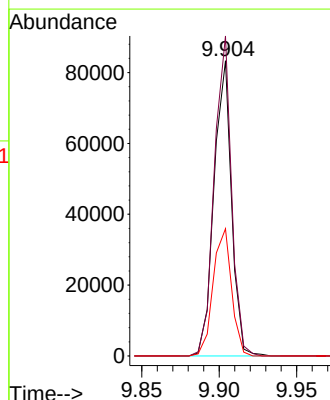
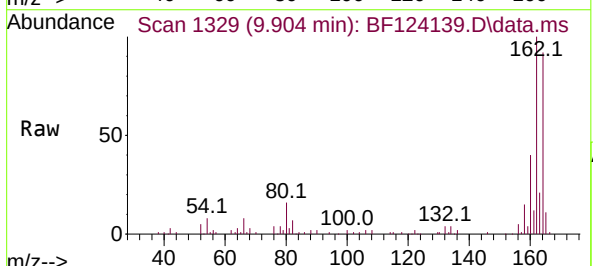
Delta R.T. 0.000 min

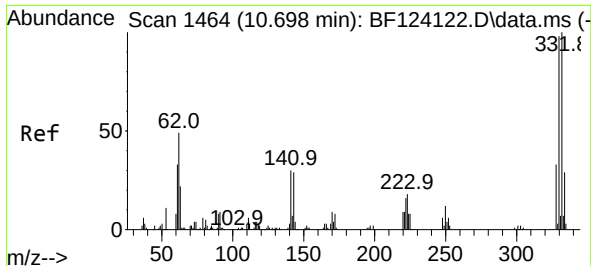
Lab File: BF124139.D

Acq: 4 Jun 2021 14:49

Tgt Ion:164 Resp: 65470

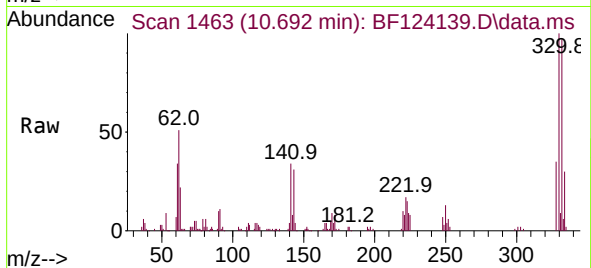
Ion	Ratio	Lower	Upper
164	100		
162	108.4	80.7	121.1
160	43.1	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 70.29 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

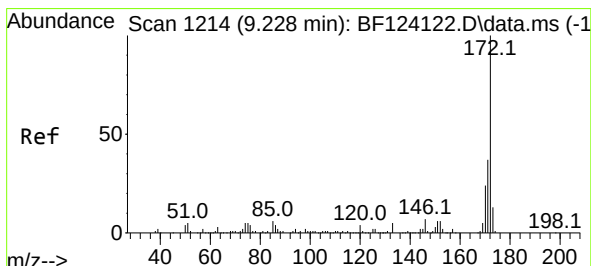
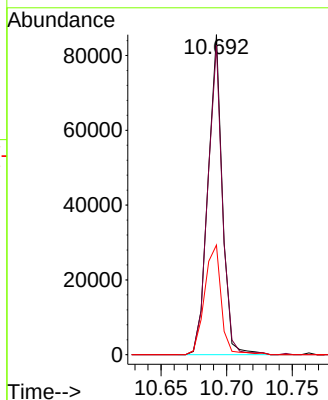
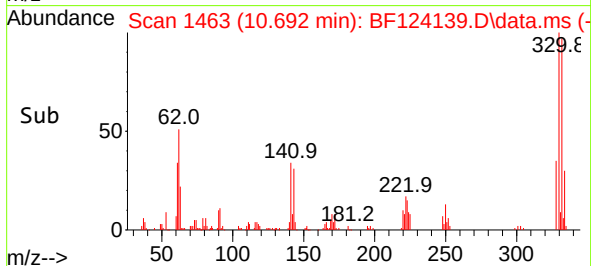
Instrument :
BNA_F
ClientSampled :
ETGI-363



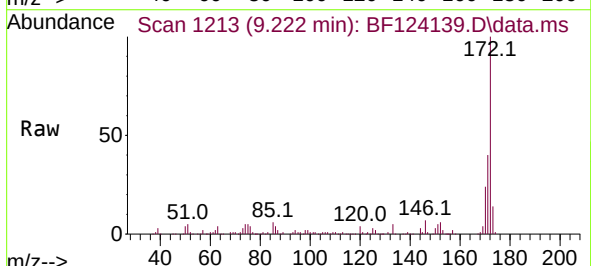
Tgt Ion: 330 Resp: 65199
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 40.0 27.9 41.9

Manual Integrations
APPROVED

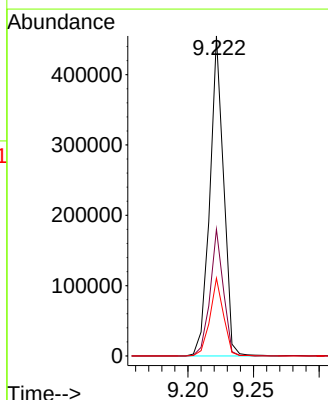
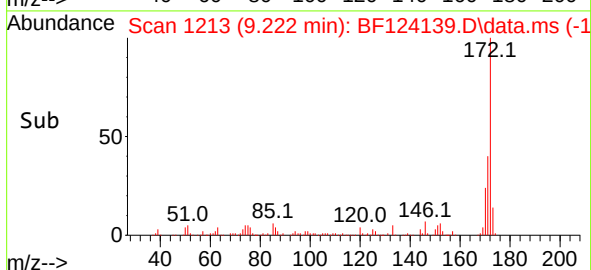
mohammad
6/7/2021 12:24:28 PM

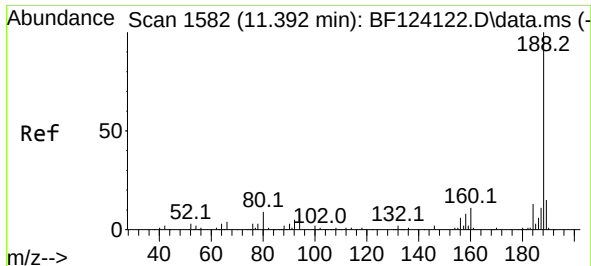


#45
2-Fluorobiphenyl
Concen: 64.14 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49



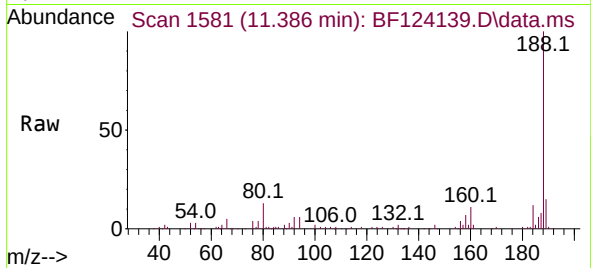
Tgt Ion: 172 Resp: 333684
Ion Ratio Lower Upper
172 100
171 39.6 28.1 42.1
170 24.3 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

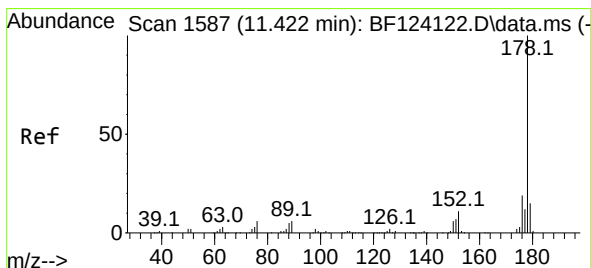
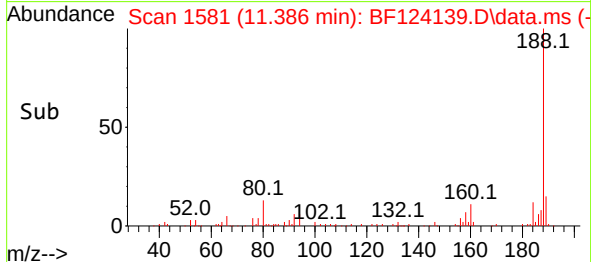
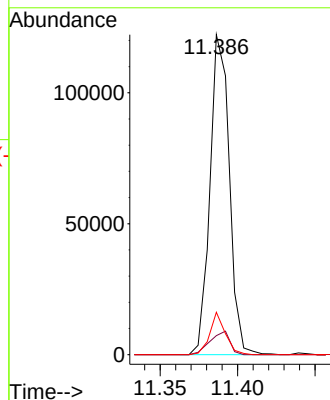
Instrument :
BNA_F
ClientSampleId :
ETGI-363



Tgt Ion:188 Resp: 106155
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 13.2 8.2 12.2#

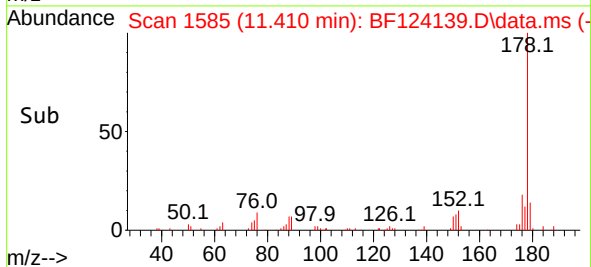
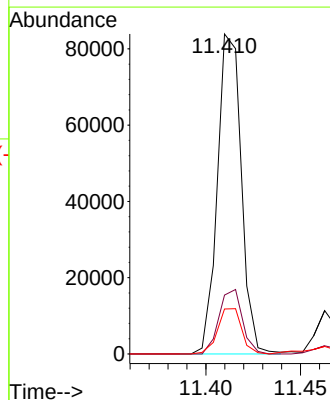
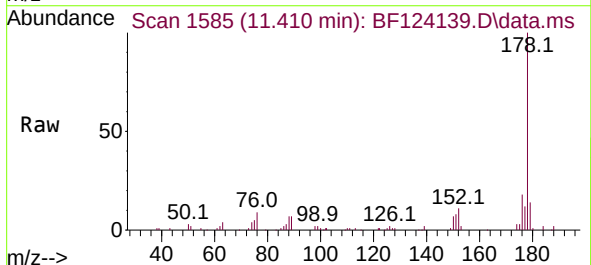
Manual Integrations
APPROVED

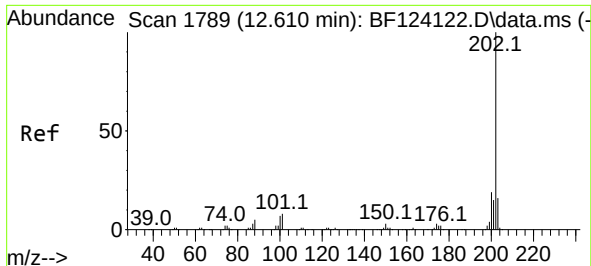
mohammad
6/7/2021 12:24:28 PM



#71
Phenanthrene
Concen: 11.14 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

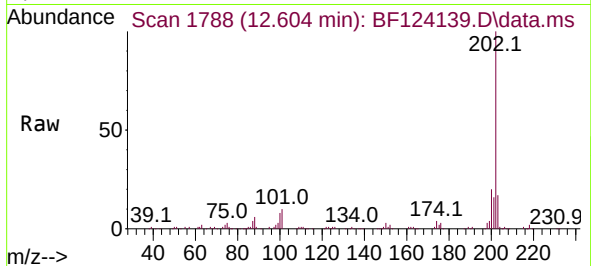
Tgt Ion:178 Resp: 73895
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 14.1 12.5 18.7





#75
Fluoranthene
Concen: 17.59 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

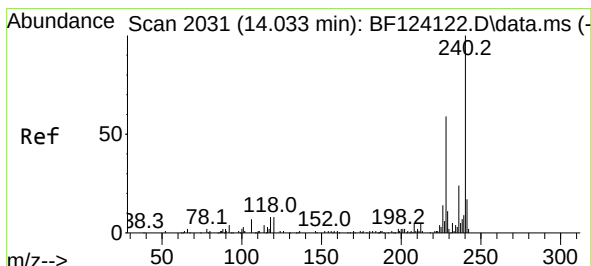
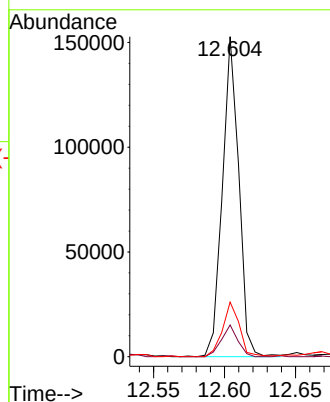
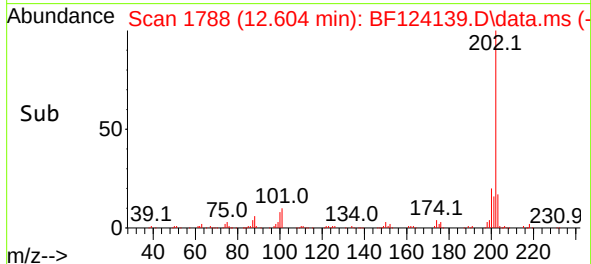
Instrument :
BNA_F
ClientSampleId :
ETGI-363



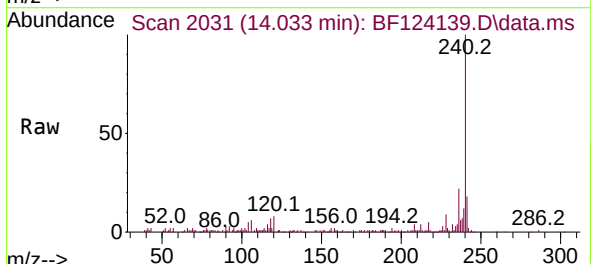
Tgt Ion:202 Resp: 122441
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.9
203 17.1 0.0 37.5

Manual Integrations
APPROVED

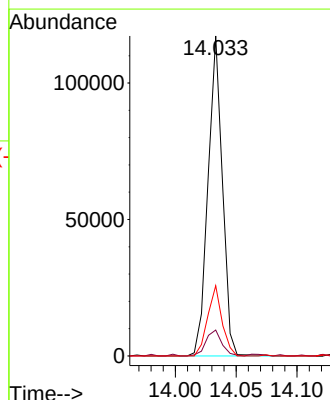
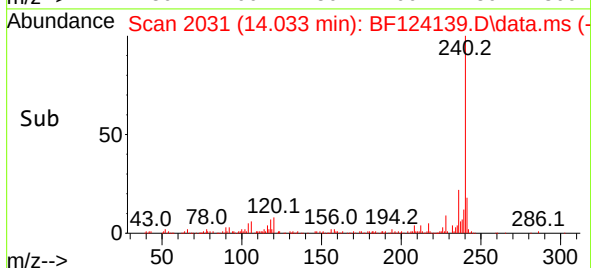
mohammad
6/7/2021 12:24:28 PM

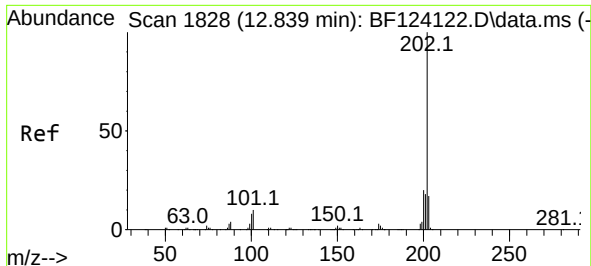


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49



Tgt Ion:240 Resp: 96151
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 22.0 19.0 28.4





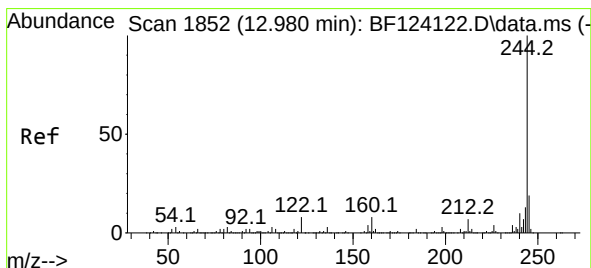
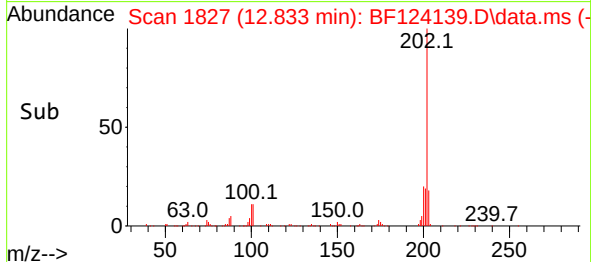
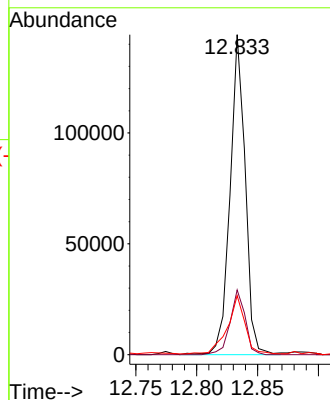
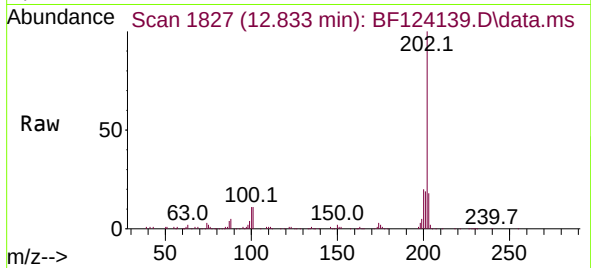
#78
Pyrene
Concen: 13.54 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:202 Resp: 124997
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 18.4 14.8 22.2

Instrument :
BNA_F
ClientSampled :
ETGI-363

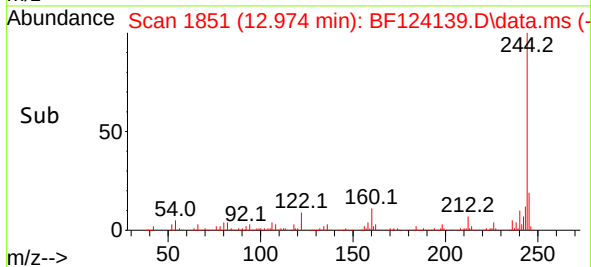
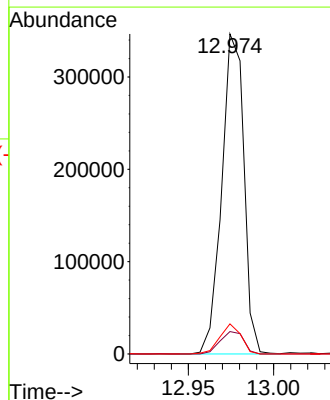
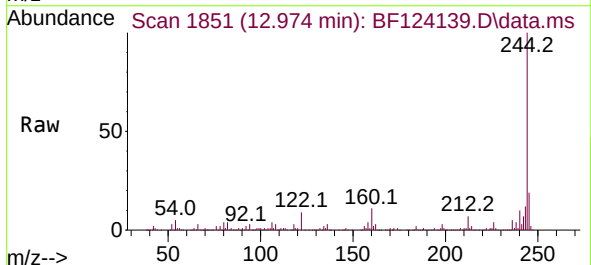
Manual Integrations
APPROVED

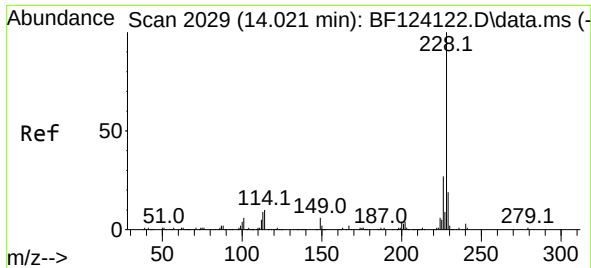
mohammad
6/7/2021 12:24:28 PM



#79
Terphenyl-d14
Concen: 44.72 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:244 Resp: 313194
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.4 9.7 14.5#





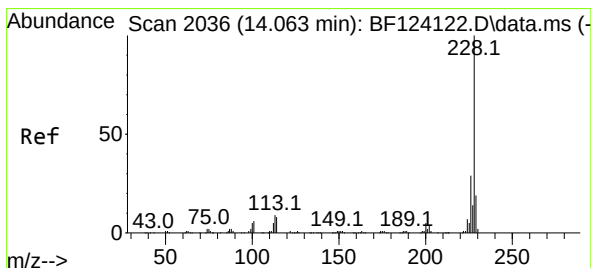
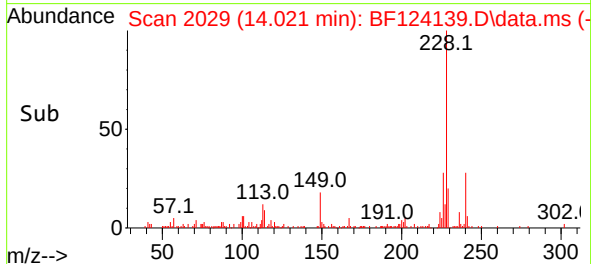
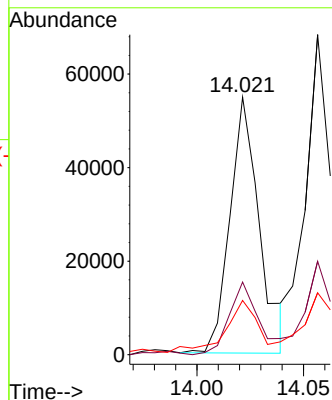
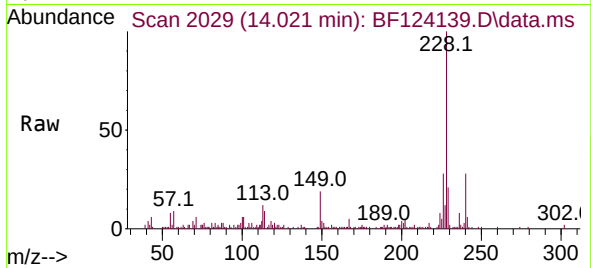
#81
Benzo(a)anthracene
Concen: 7.52 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:228 Resp: 52645
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 21.1 16.0 24.0

Instrument :
BNA_F
ClientSampled :
ETGI-363

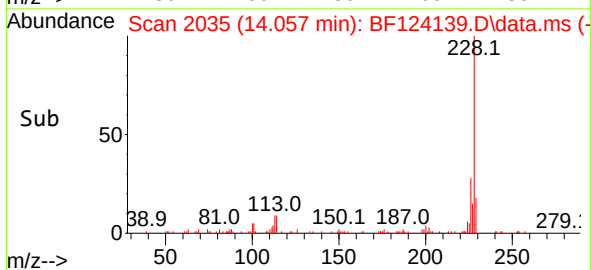
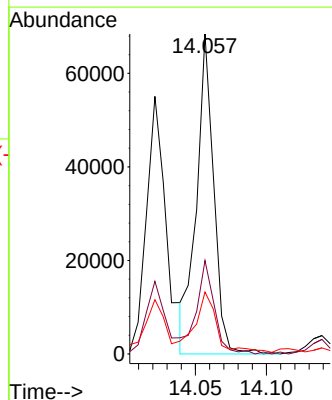
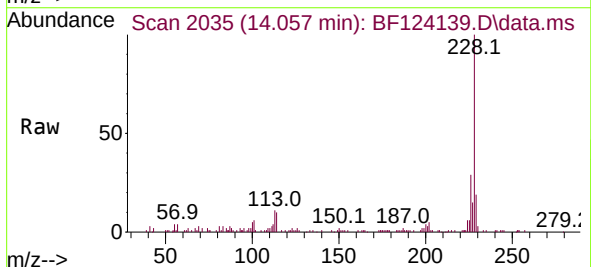
Manual Integrations
APPROVED

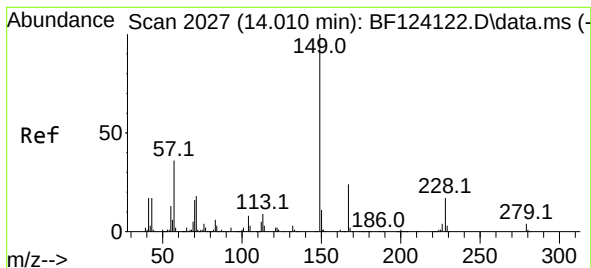
mohammad
6/7/2021 12:24:28 PM



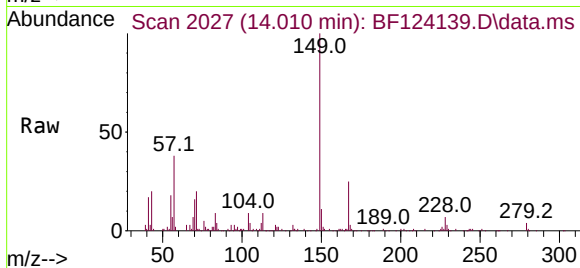
#83
Chrysene
Concen: 8.57 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:228 Resp: 57946
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 19.4 16.2 24.2

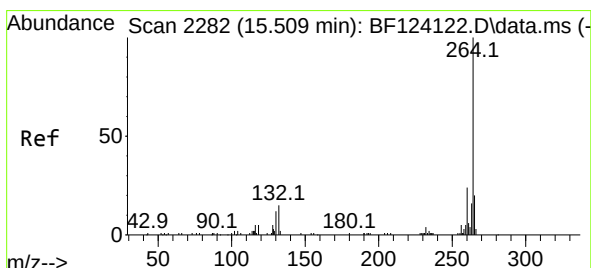
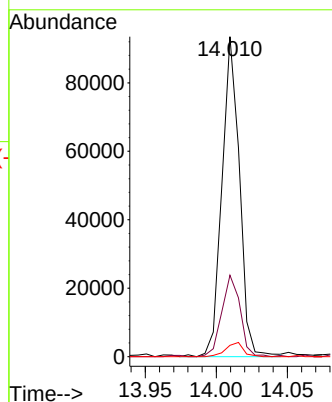
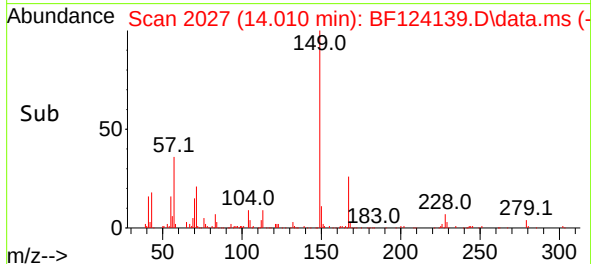




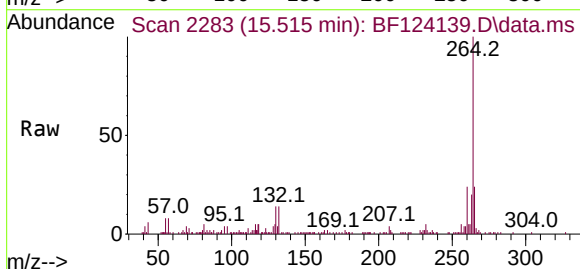
#84
Bis(2-ethylhexyl)phthalate
Concen: 17.94 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49



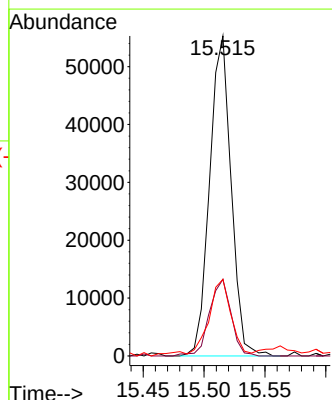
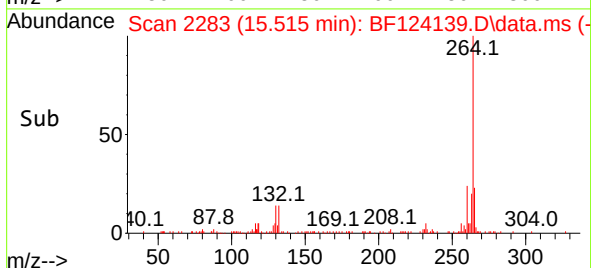
Tgt Ion:149 Resp: 79923
Ion Ratio Lower Upper
149 100
167 25.4 21.8 32.6
279 3.5 3.3 4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49



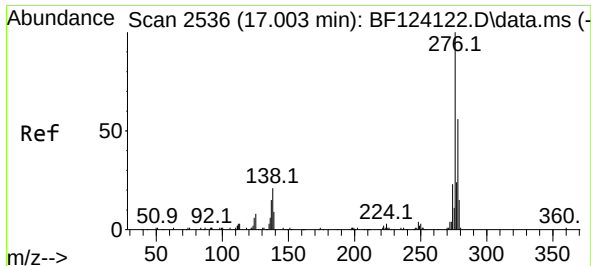
Tgt Ion:264 Resp: 67730
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 23.9 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
ETGI-363

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:28 PM



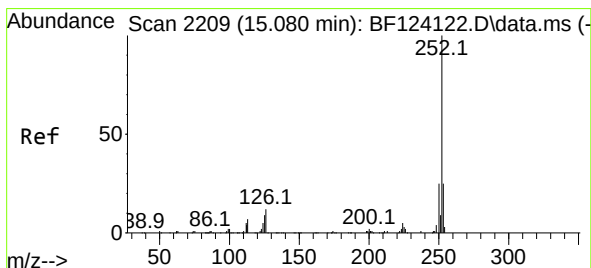
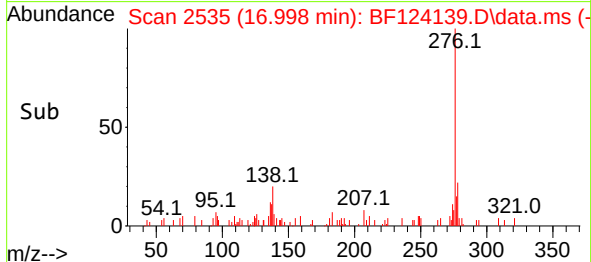
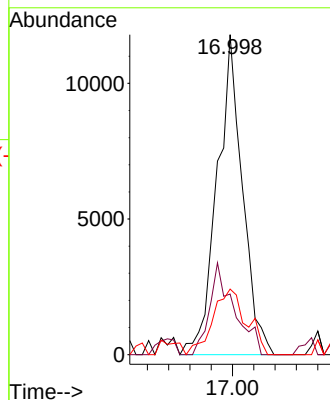
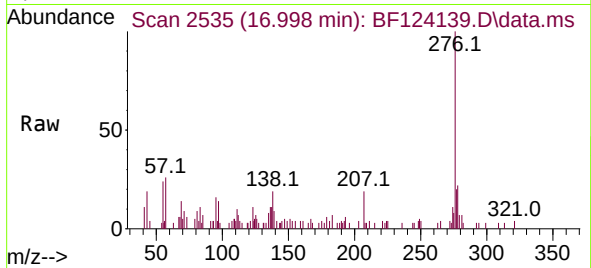
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.49 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 276 Resp: 19530
Ion Ratio Lower Upper
276 100
138 27.9 16.2 24.2#
277 27.1 20.1 30.1

Instrument :
BNA_F
ClientSampled :
ETGI-363

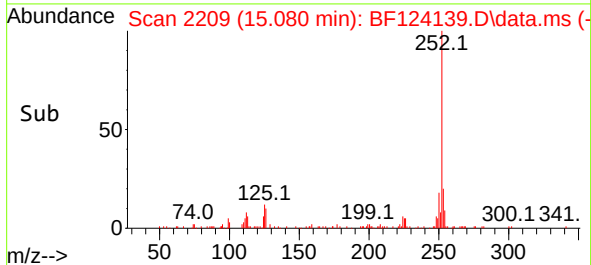
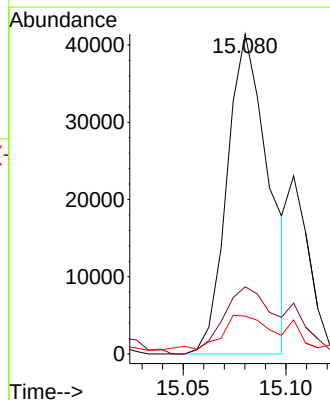
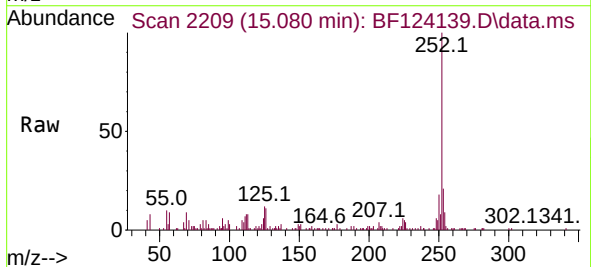
Manual Integrations
APPROVED

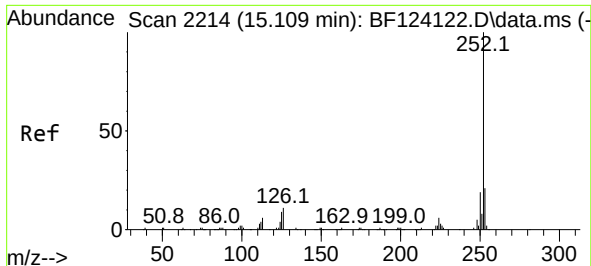
mohammad
6/7/2021 12:24:28 PM



#88
Benzo(b)fluoranthene
Concen: 11.03 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion: 252 Resp: 58014
Ion Ratio Lower Upper
252 100
253 21.0 18.1 27.1
125 11.8 6.2 9.4#





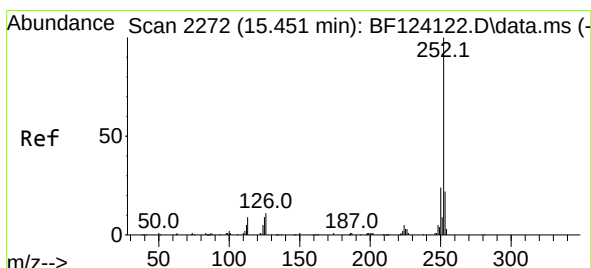
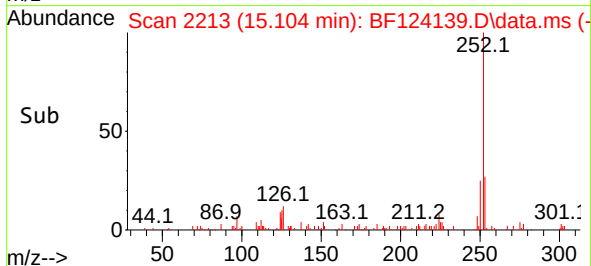
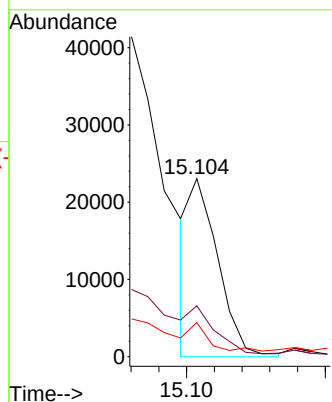
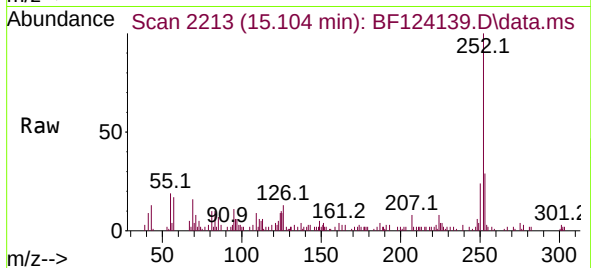
#89
Benzo(k)fluoranthene
Concen: 3.29 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:252 Resp: 16406
Ion Ratio Lower Upper
252 100
253 28.6 17.9 26.9#
125 9.7 7.0 10.6

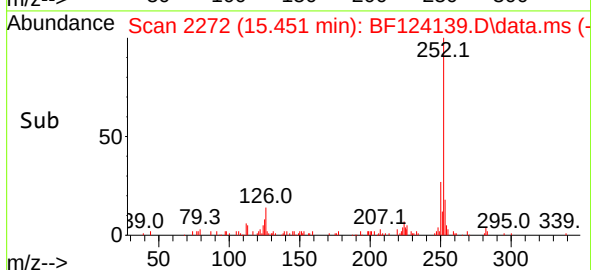
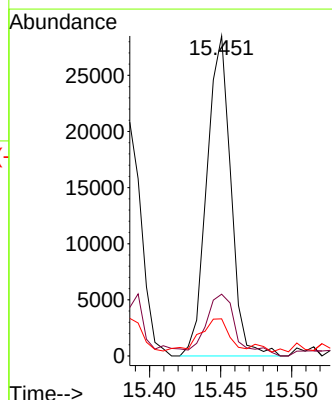
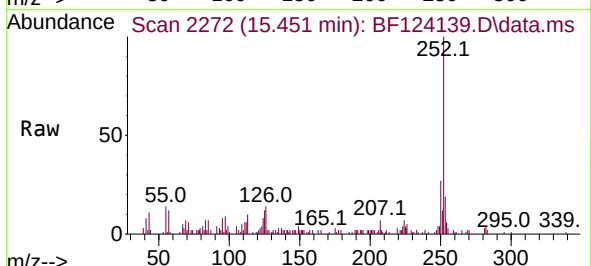
Manual Integrations
APPROVED

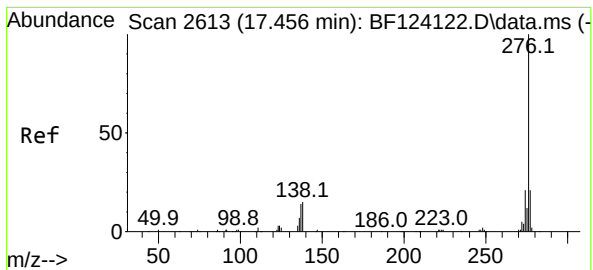
mohammad
6/7/2021 12:24:28 PM



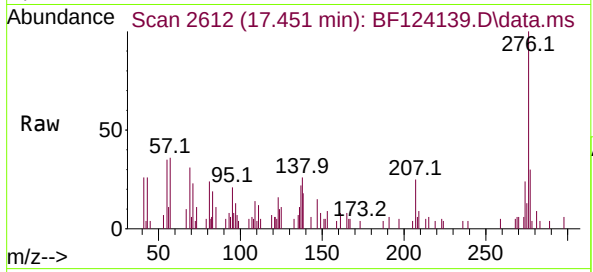
#90
Benzo(a)pyrene
Concen: 7.33 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124139.D
Acq: 4 Jun 2021 14:49

Tgt Ion:252 Resp: 33508
Ion Ratio Lower Upper
252 100
253 19.3 18.4 27.6
125 11.6 8.0 12.0

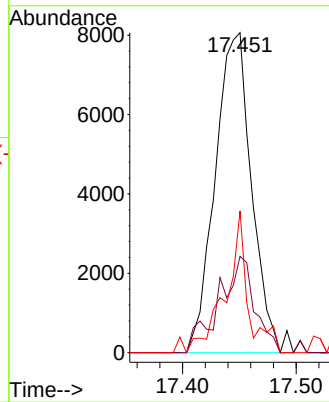
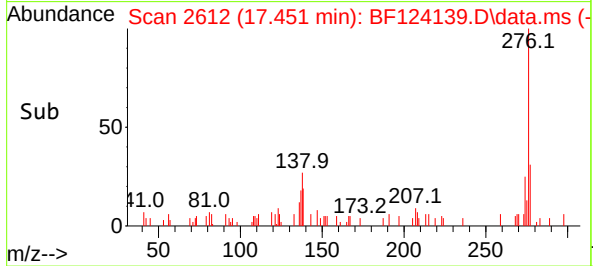




#92
 Benzo(g,h,i)perylene
 Concen: 7.27 ng
 RT: 17.451 min Scan# 2612
 Delta R.T. -0.005 min
 Lab File: BF124139.D
 Acq: 4 Jun 2021 14:49



Tgt Ion:	276	Resp:	17849
Ion Ratio	Lower	Upper	
276	100		
277	30.1	18.2	27.2#
138	44.3	13.8	20.6#



Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:28 PM