

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124752.D
 Acq On : 24 Jul 2021 17:39
 Operator : JU/CG
 Sample : M3128-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-358

Manual Integrations
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Quant Time: Jul 25 04:29:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7985	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	29769	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14383	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	19622	20.000	ng	0.00
76) Chrysene-d12	14.039	240	13133	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	10156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	18182	38.554	ng	0.00
7) Phenol-d6	6.487	99	22164	37.488	ng	-0.01
23) Nitrobenzene-d5	7.428	82	13515	27.021	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	3799	30.763	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	21988	22.453	ng	0.00
79) Terphenyl-d14	12.980	244	13218	17.252	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.769	152	3396	2.591	ng	96
58) Fluorene	10.457	166	2313	2.428	ng	89
71) Phenanthrene	11.422	178	34478	32.669	ng	97
72) Anthracene	11.469	178	9247	8.764	ng	99
73) Carbazole	11.622	167	3240	3.276	ng	96
75) Fluoranthene	12.616	202	46708	43.370	ng	98
78) Pyrene	12.845	202	40616	39.065	ng	98
81) Benzo(a)anthracene	14.027	228	21944	25.562	ng	94
83) Chrysene	14.063	228	17781	21.499	ng	93
87) Indeno(1,2,3-cd)pyrene	16.986	276	8606	14.678	ng	# 92
88) Benzo(b)fluoranthene	15.080	252	21852m	30.560	ng	
89) Benzo(k)fluoranthene	15.104	252	7253m	11.101	ng	
90) Benzo(a)pyrene	15.451	252	15121	25.314	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	2376	4.629	ng	# 87
92) Benzo(g,h,i)perylene	17.439	276	8280	17.011	ng	96

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

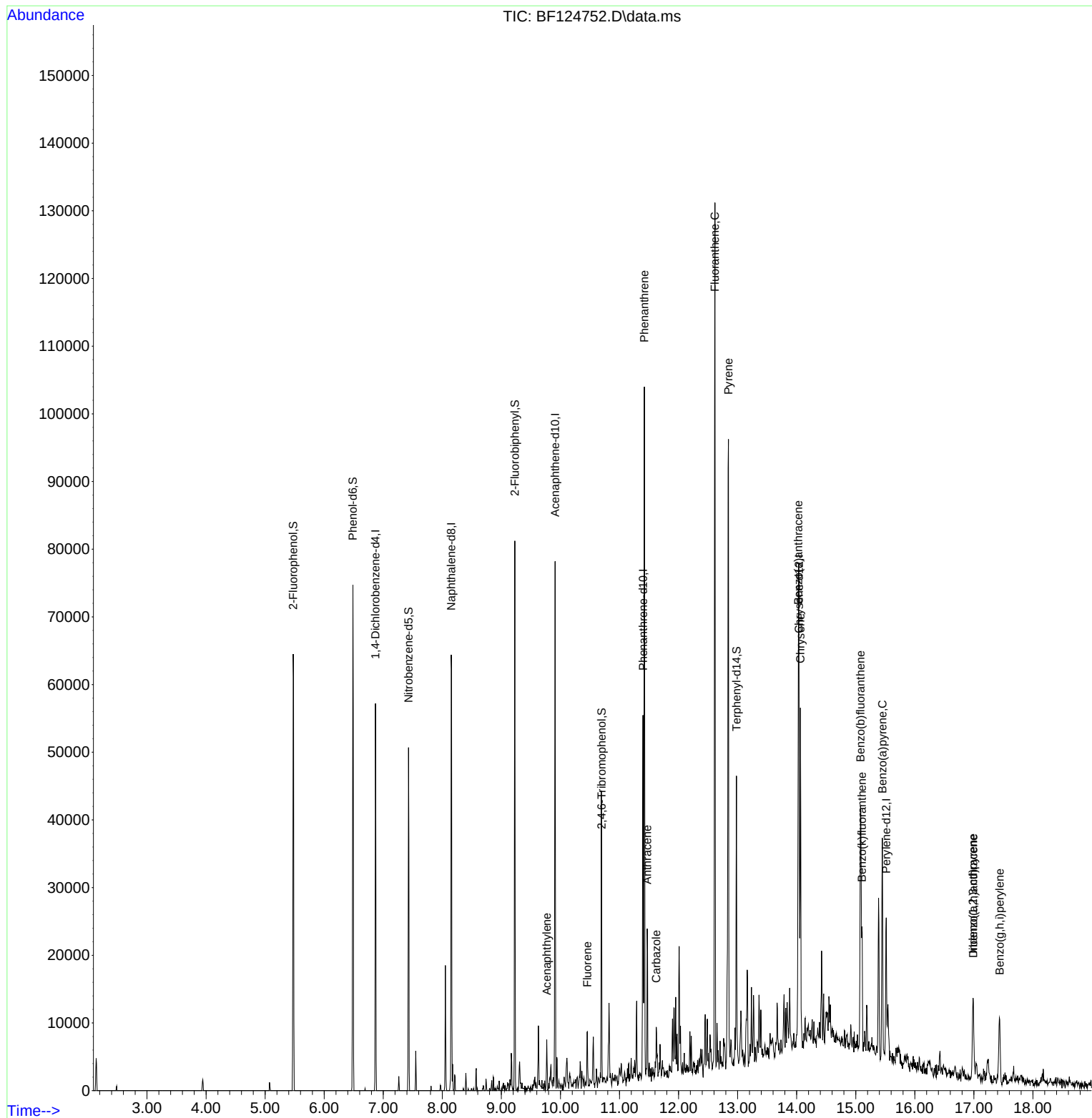
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124752.D
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Operator : JU/CG
Sample : M3128-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

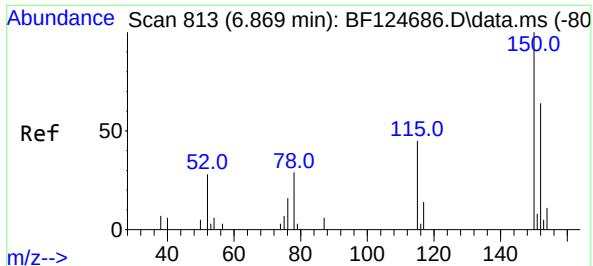
Instrument :
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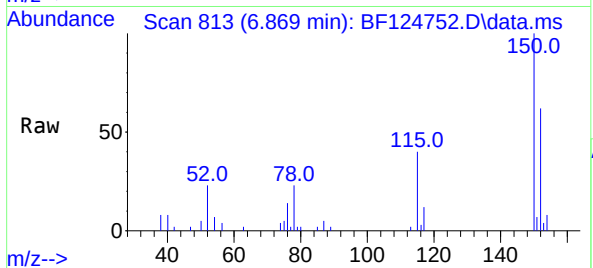
Quant Time: Jul 25 04:29:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

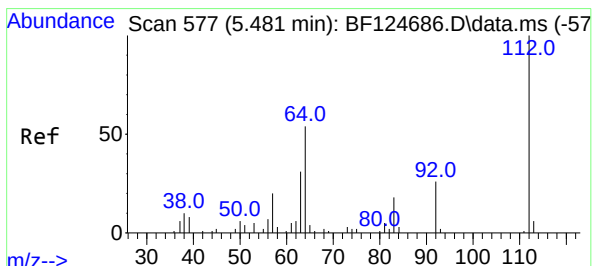
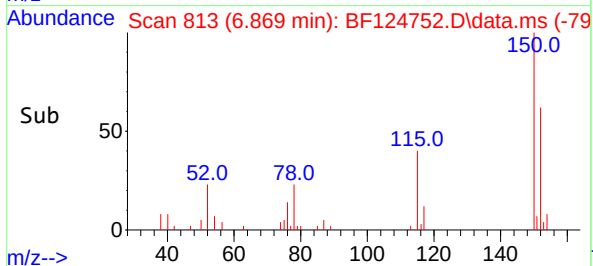
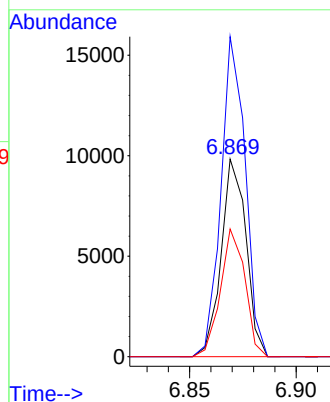
Instrument :
BNA_F
ClientSampled :
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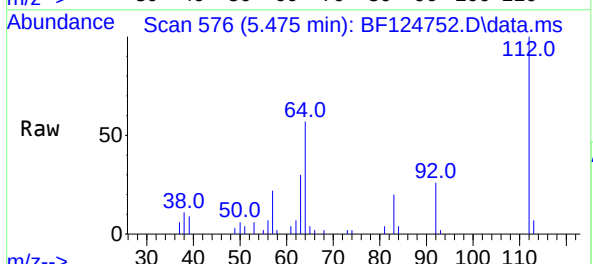
Tgt Ion:152 Resp: 7985
Ion Ratio Lower Upper
152 100
150 161.9 117.6 176.4
115 64.6 47.1 70.7

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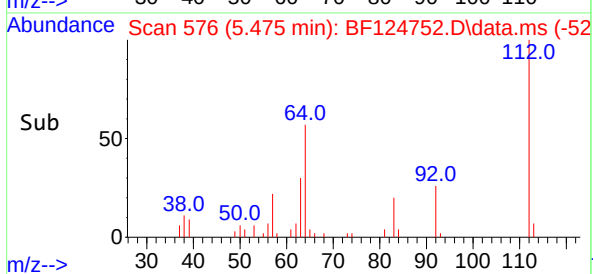
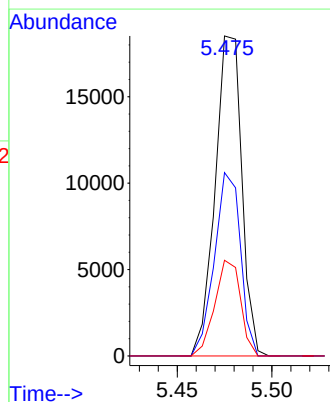
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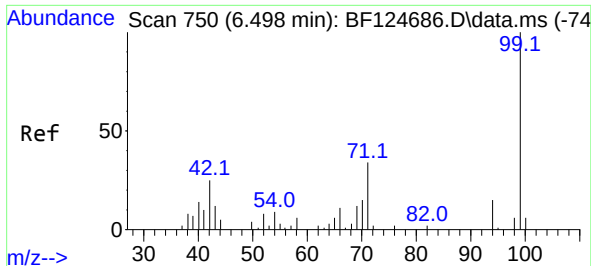


#5
2-Fluorophenol
Concen: 38.554 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39



Tgt Ion:112 Resp: 18182
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 29.9 26.2 39.2





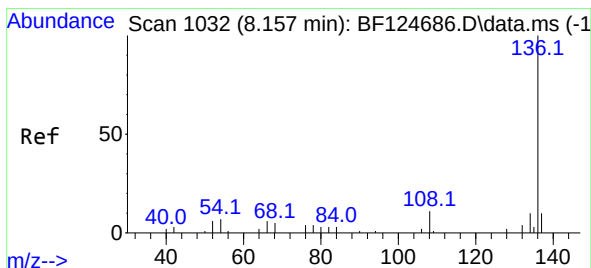
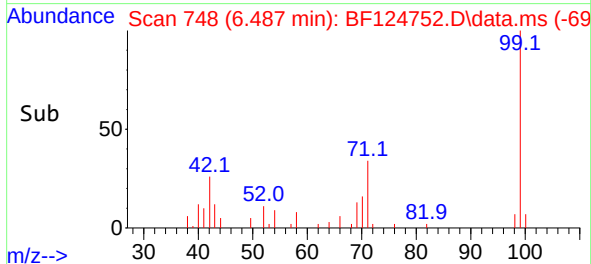
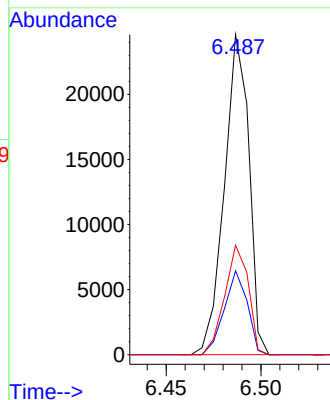
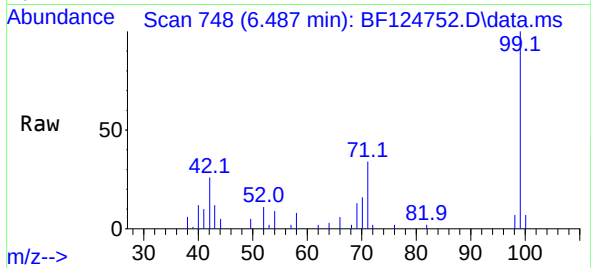
#7
Phenol-d6
Concen: 37.488 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion: 99	Resp: 22164
Ion Ratio	Lower Upper
99 100	
42 26.2	23.5 35.3
71 34.2	25.6 38.4

Instrument :
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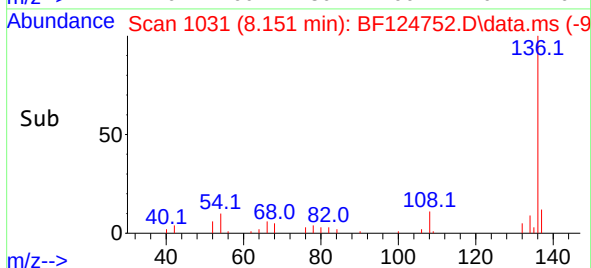
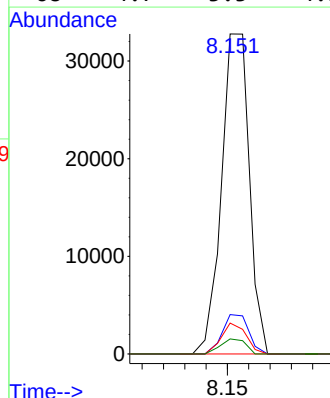
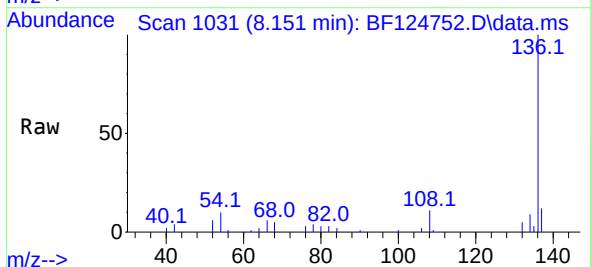
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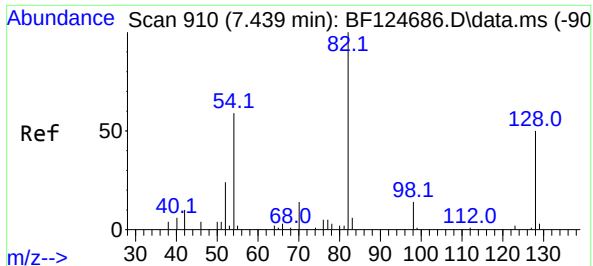
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion: 136	Resp: 29769
Ion Ratio	Lower Upper
136 100	
137 12.3	9.8 14.6
54 9.6	6.4 9.6#
68 4.7	3.3 4.9





#23

Nitrobenzene-d5

Concen: 27.021 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124752.D

Acq: 24 Jul 2021 17:39

Tgt Ion:	82	Resp:	13515
Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.6	60.8
54	66.7	49.6	74.4

Instrument :

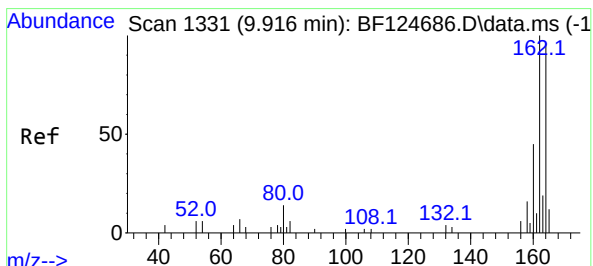
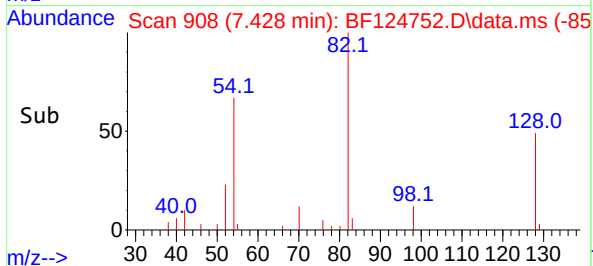
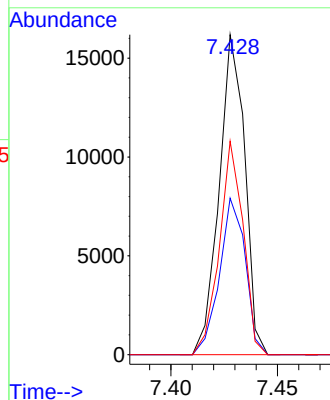
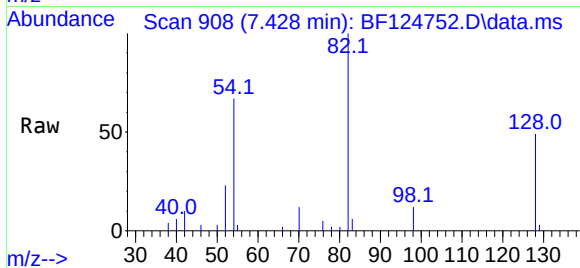
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#39

Acenaphthene-d10

Concen: 20.000 ng

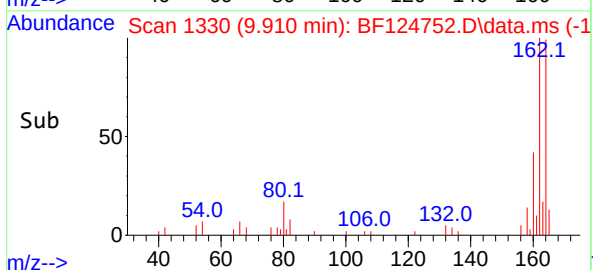
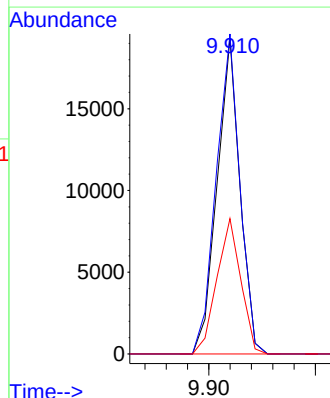
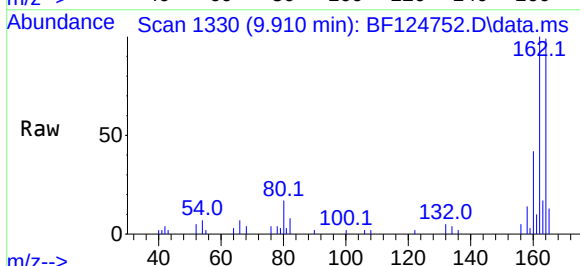
RT: 9.910 min Scan# 1330

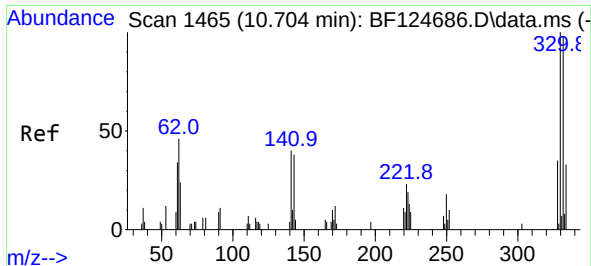
Delta R.T. -0.006 min

Lab File: BF124752.D

Acq: 24 Jul 2021 17:39

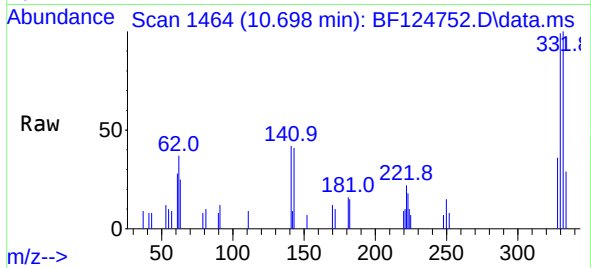
Tgt Ion:	164	Resp:	14383
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	42.8	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 30.763 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

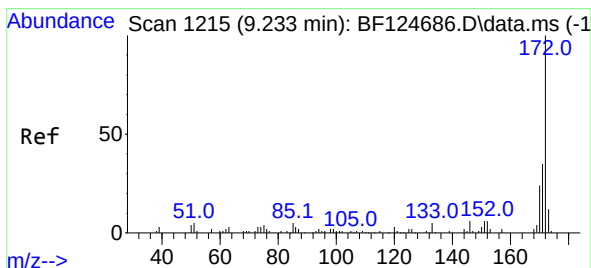
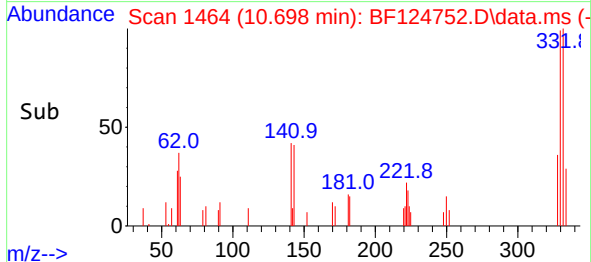
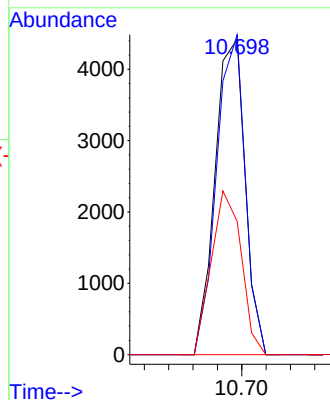
Instrument :
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Tgt Ion:330 Resp: 3799
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 51.6 44.6 66.8

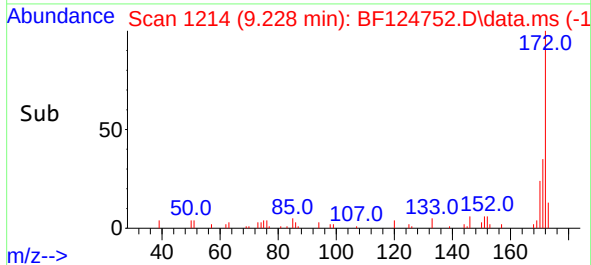
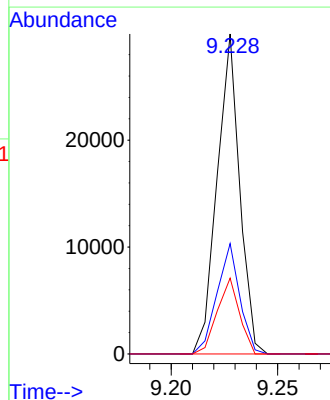
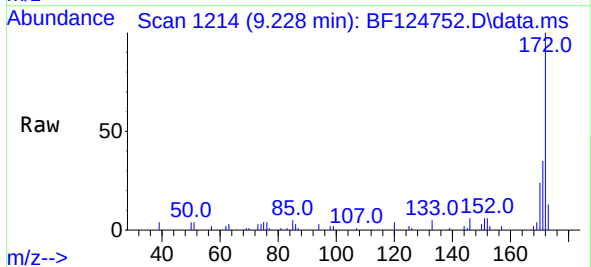
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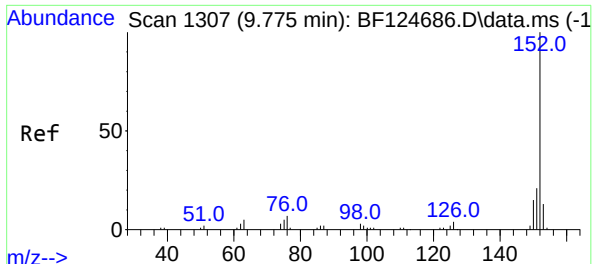
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#45
2-Fluorobiphenyl
Concen: 22.453 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion:172 Resp: 21988
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.7 18.8 28.2





#49

Acenaphthylene

Concen: 2.591 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF124752.D

Acq: 24 Jul 2021 17:39

Tgt Ion:	152	Resp:	3396
Ion Ratio	Lower	Upper	
152	100		
151	17.9	15.7	23.5
153	13.8	9.8	14.8

Instrument :

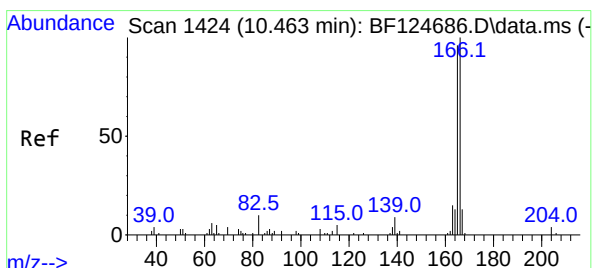
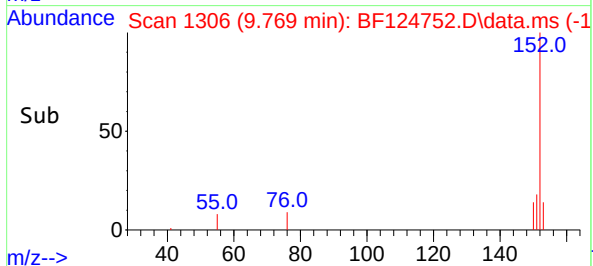
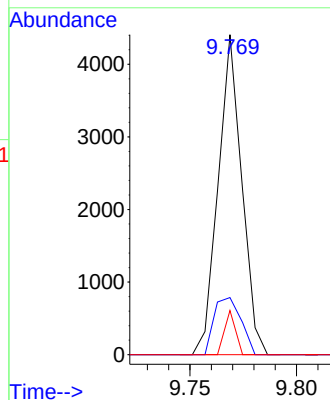
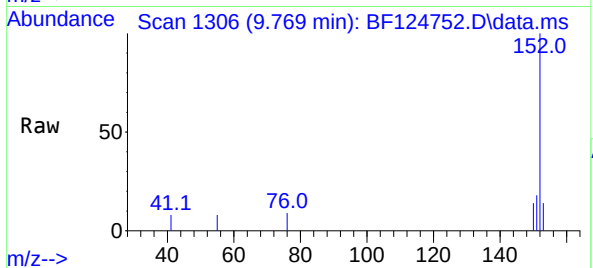
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#58

Fluorene

Concen: 2.428 ng

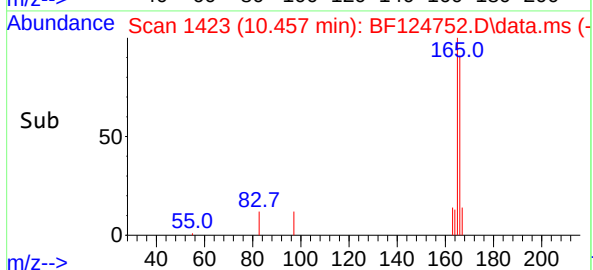
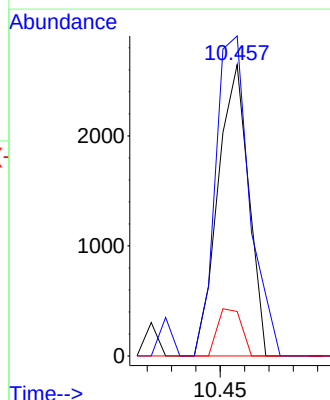
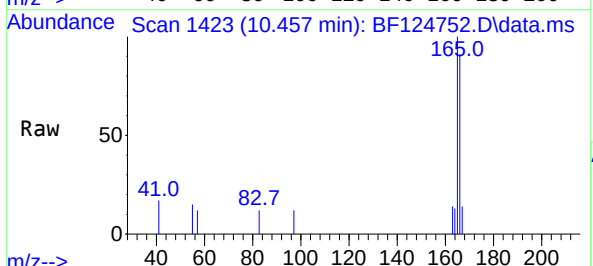
RT: 10.457 min Scan# 1423

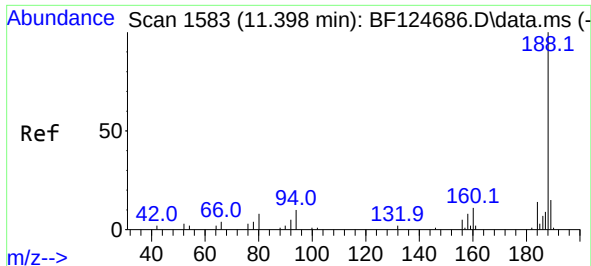
Delta R.T. -0.006 min

Lab File: BF124752.D

Acq: 24 Jul 2021 17:39

Tgt Ion:	166	Resp:	2313
Ion Ratio	Lower	Upper	
166	100		
165	109.8	78.1	117.1
167	15.3	11.1	16.7





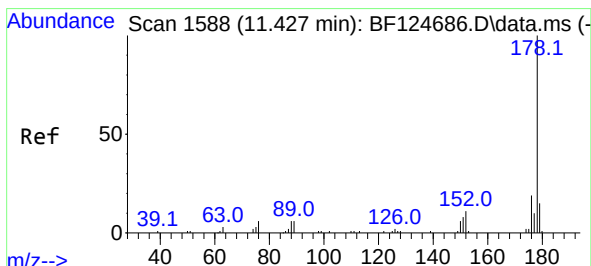
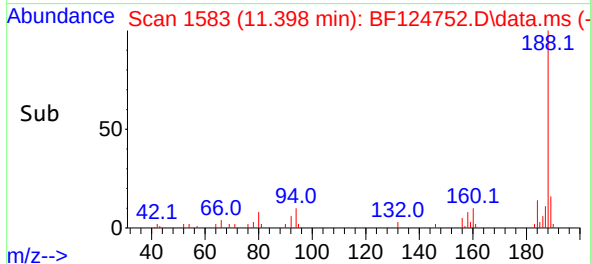
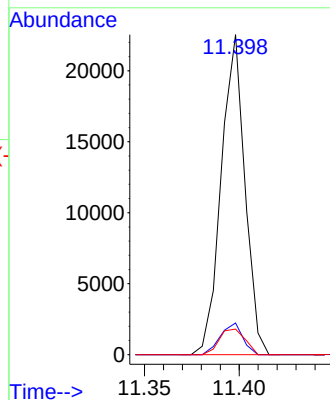
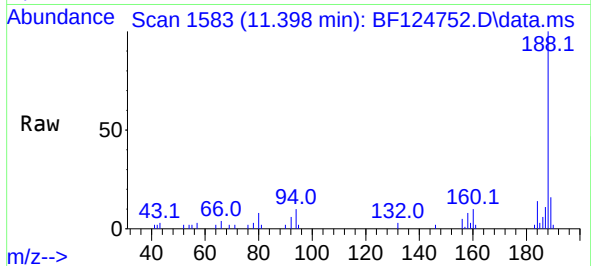
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Instrument :
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ClientSampled :
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Tgt Ion:188 Resp: 19622
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 8.0 7.5 11.3

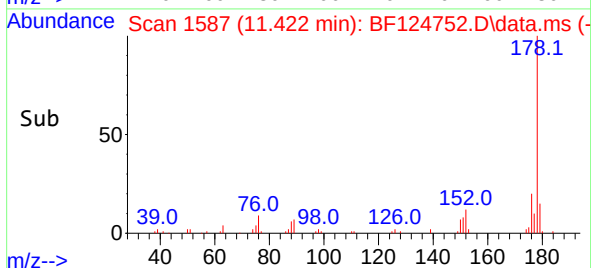
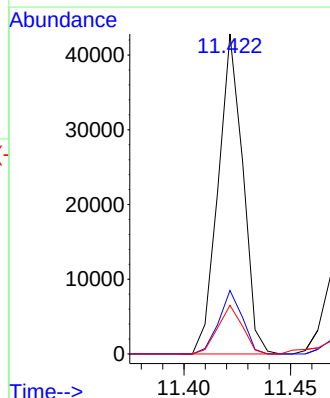
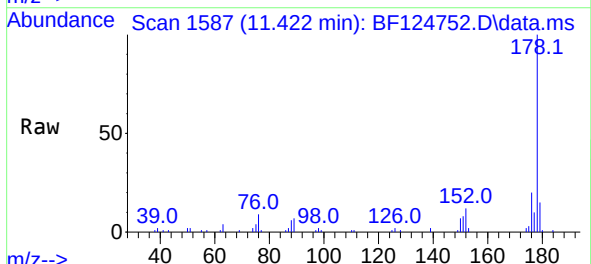
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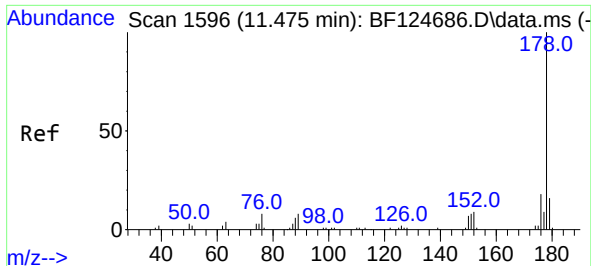
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#71
Phenanthrene
Concen: 32.669 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

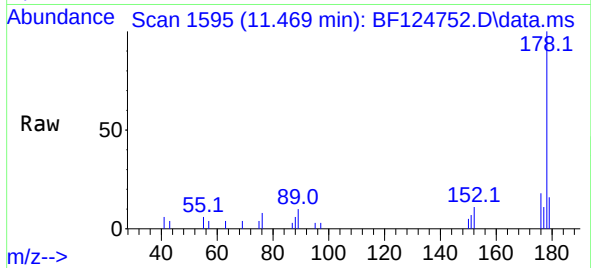
Tgt Ion:178 Resp: 34478
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 15.2 11.5 17.3





#72
 Anthracene
 Concen: 8.764 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF124752.D
 Acq: 24 Jul 2021 17:39

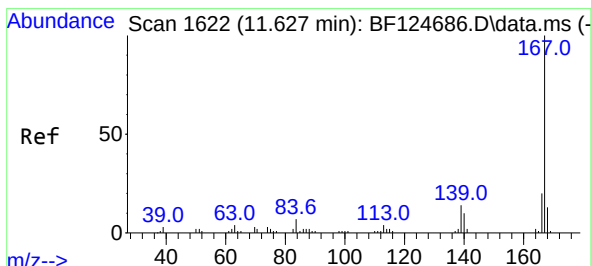
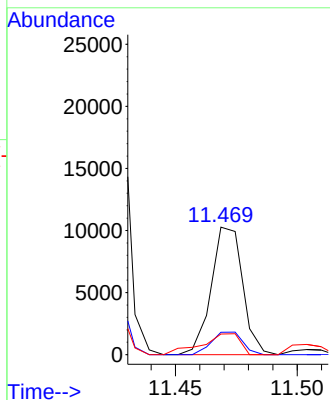
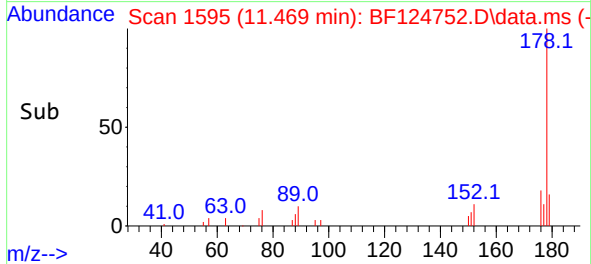
Instrument :
 BNA_F
 ClientSampled :
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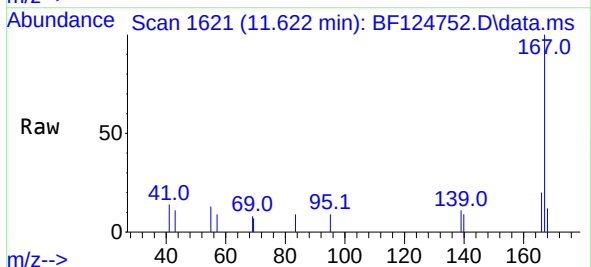
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 Ion Ratio Lower Upper
 178 100
 176 17.5 14.3 21.5
 179 16.2 12.2 18.4

Manual Integrations
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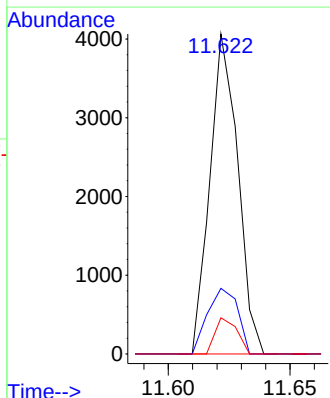
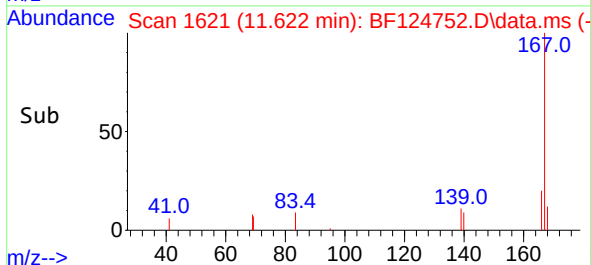
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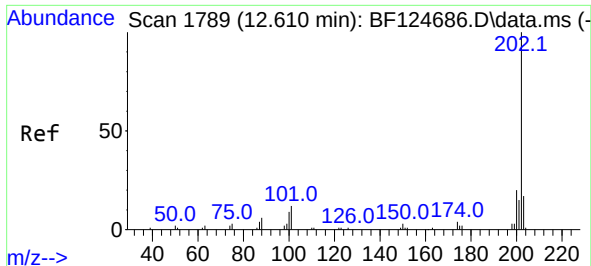


#73
 Carbazole
 Concen: 3.276 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF124752.D
 Acq: 24 Jul 2021 17:39



Tgt Ion:167 Resp: 3240
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.4 26.0
 139 11.3 11.0 16.4





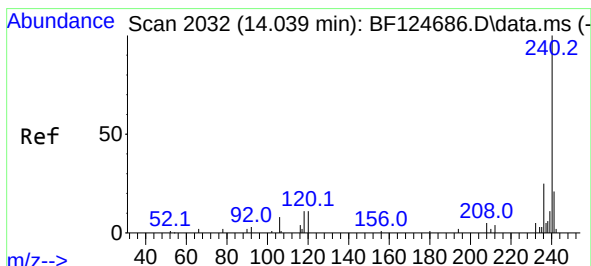
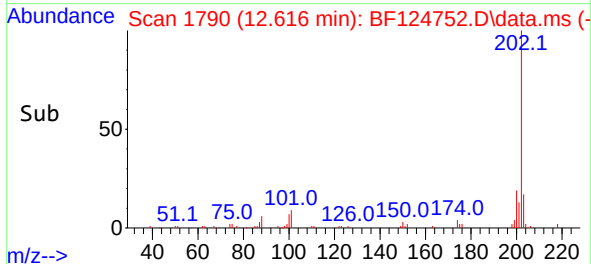
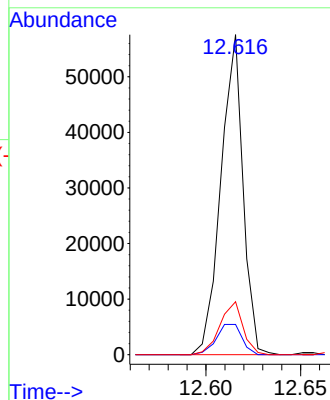
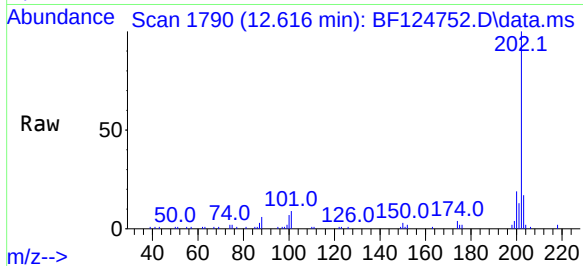
#75
Fluoranthene
Concen: 43.370 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion:	202	Resp:	46708
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.7
203	16.6	0.0	36.3

Instrument :
BNA_F
ClientSampleId :
ETGI-358

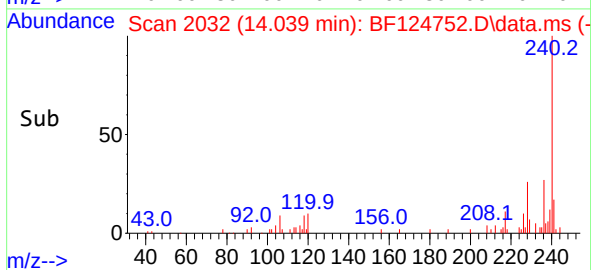
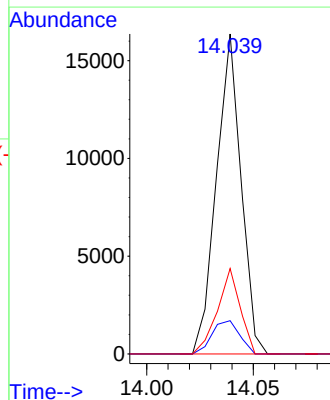
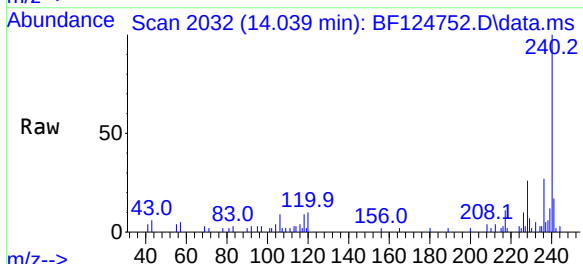
Manual Integrations
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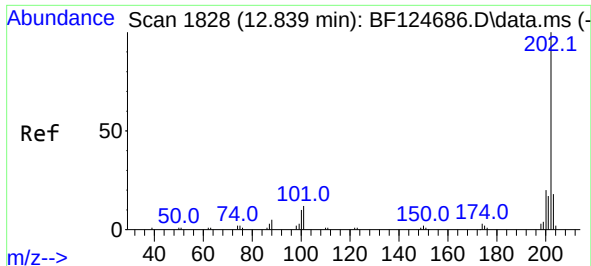
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

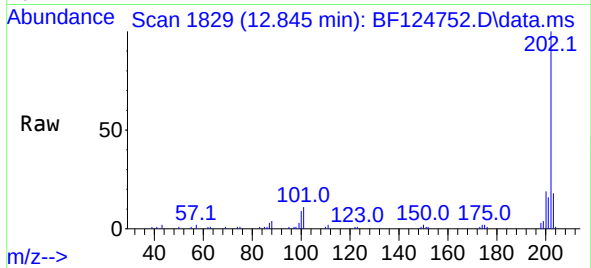
Tgt Ion:	240	Resp:	13133
Ion Ratio	Lower	Upper	
240	100		
120	10.4	10.8	16.2#
236	26.7	21.6	32.4





#78
Pyrene
Concen: 39.065 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

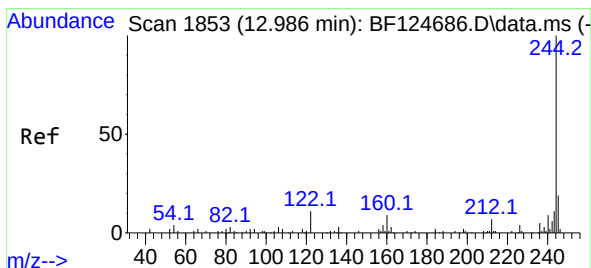
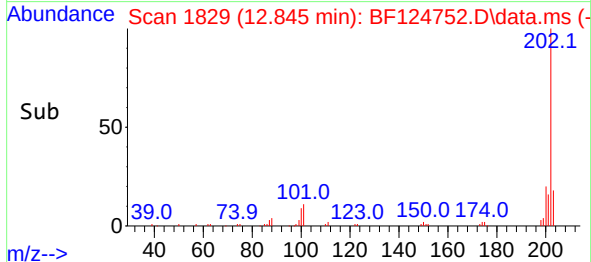
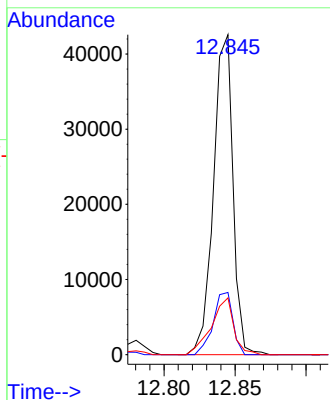
Instrument :
BNA_F
ClientSampleId :
ETGI-358



Tgt Ion:202 Resp: 40616
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 17.7 13.4 20.0

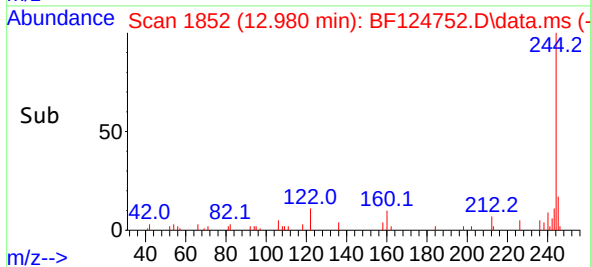
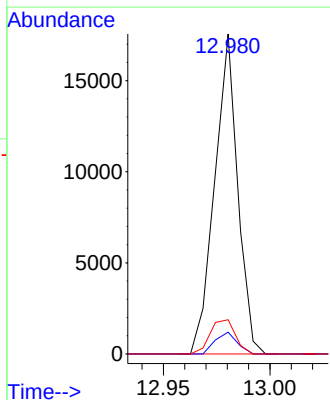
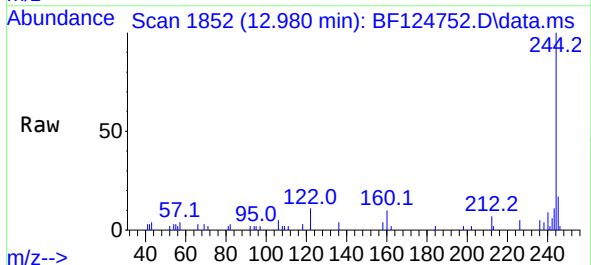
Manual Integrations
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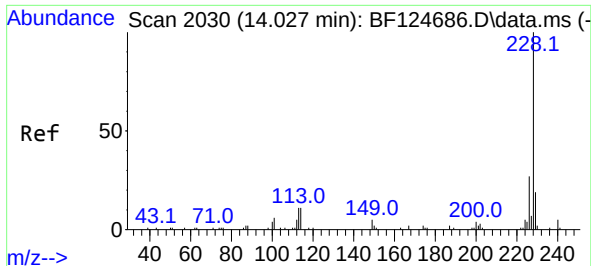
mohammad
7/26/2021 1:30:35 PM



#79
Terphenyl-d14
Concen: 17.252 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

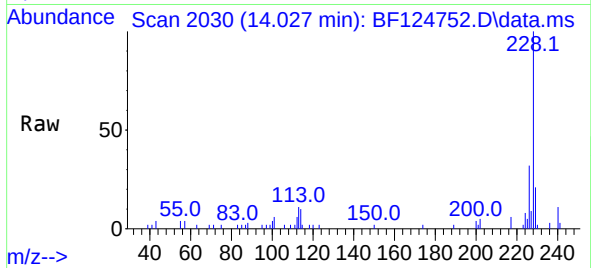
Tgt Ion:244 Resp: 13218
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.7 9.0 13.4





#81
Benzo(a)anthracene
Concen: 25.562 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

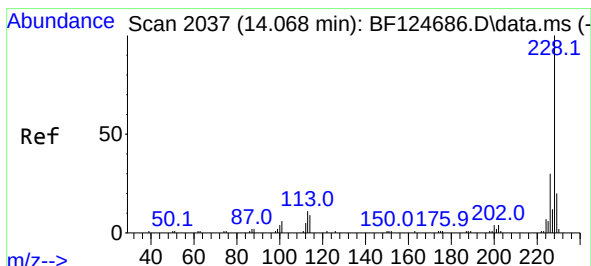
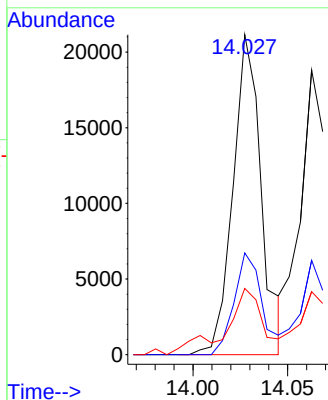
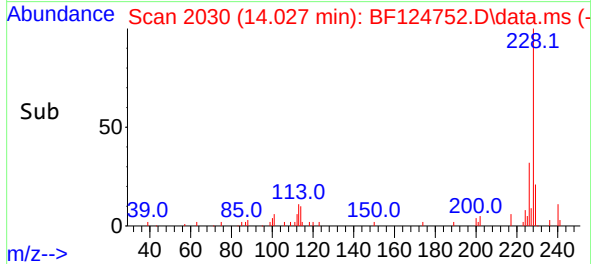
Instrument :
BNA_F
ClientSampled :
ETGI-358



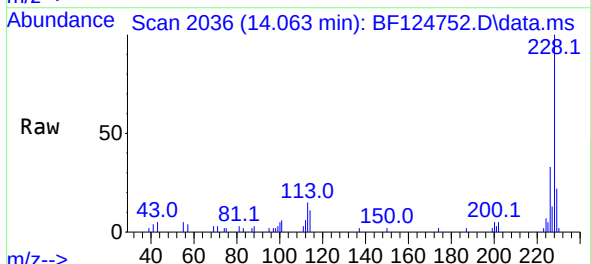
Tgt Ion:228 Resp: 21944
Ion Ratio Lower Upper
228 100
226 31.8 21.6 32.4
229 20.7 15.6 23.4

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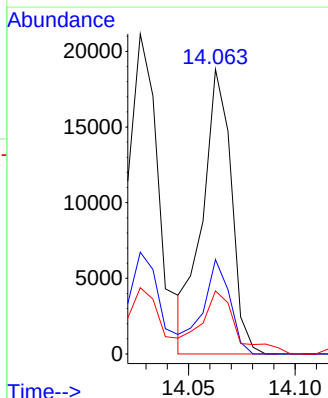
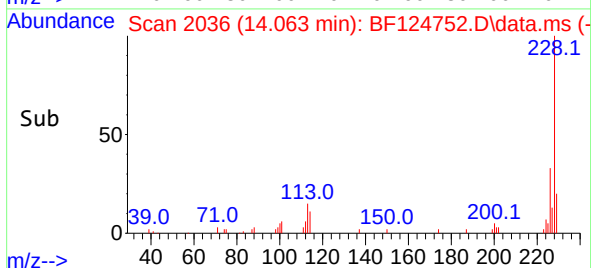
mohammad
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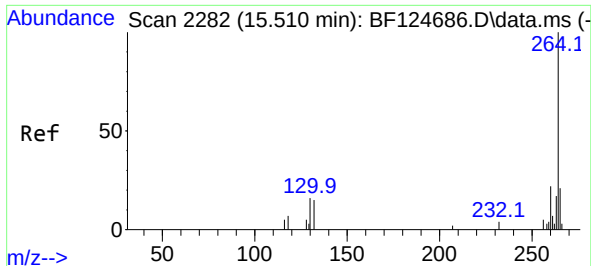


#83
Chrysene
Concen: 21.499 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39



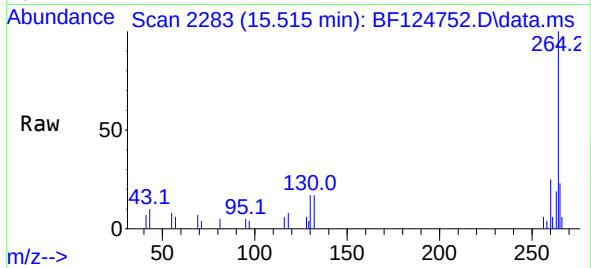
Tgt Ion:228 Resp: 17781
Ion Ratio Lower Upper
228 100
226 33.2 22.6 34.0
229 22.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

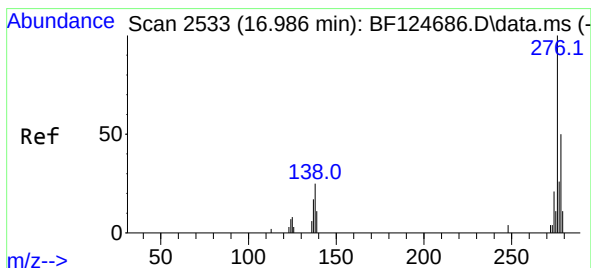
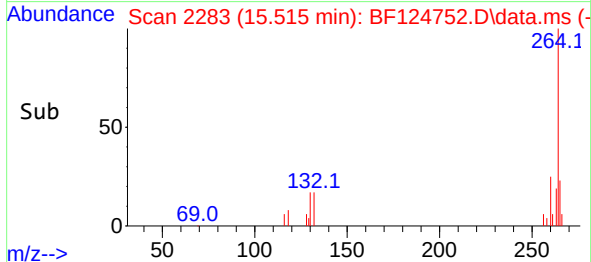
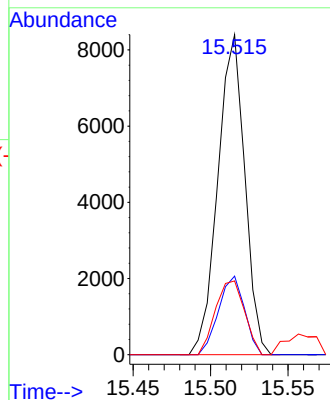
Instrument :
BNA_F
ClientSampled :
ETGI-358



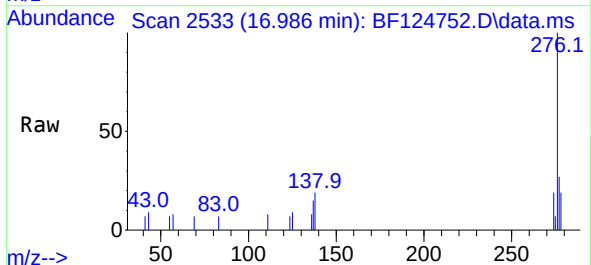
Tgt Ion:264 Resp: 10156
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 23.0 17.2 25.8

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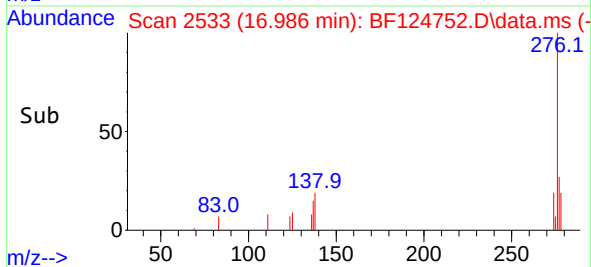
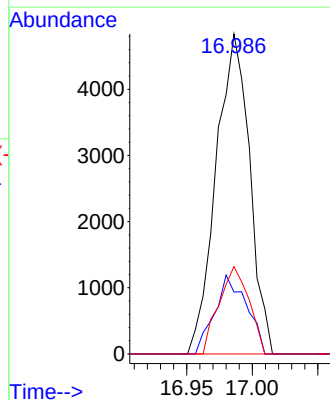
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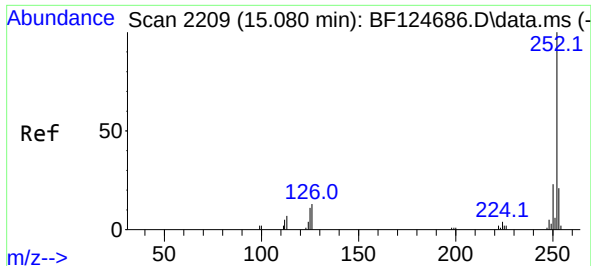


#87
Indeno(1,2,3-cd)pyrene
Concen: 14.678 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39



Tgt Ion:276 Resp: 8606
Ion Ratio Lower Upper
276 100
138 23.4 24.1 36.1#
277 24.4 18.8 28.2





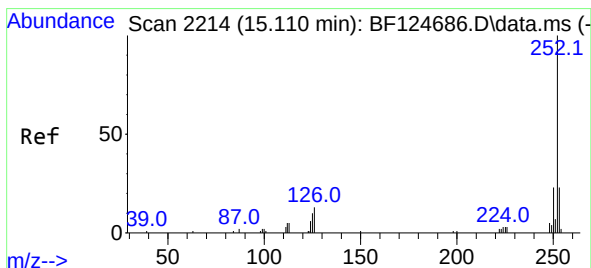
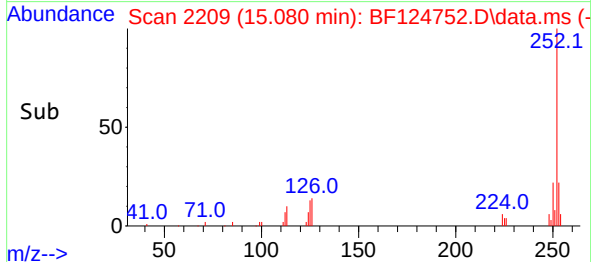
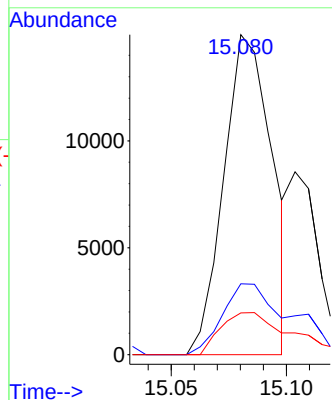
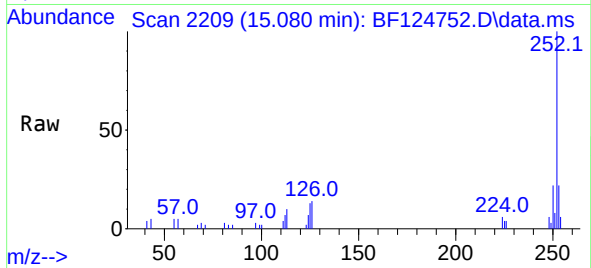
#88
Benzo(b)fluoranthene
Concen: 30.560 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion:252 Resp: 21852
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 13.1 9.8 14.8

Instrument :
BNA_F
ClientSampled :
ETGI-358

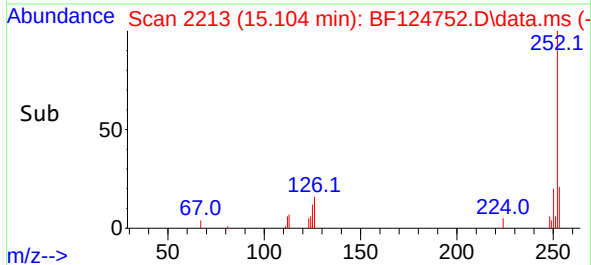
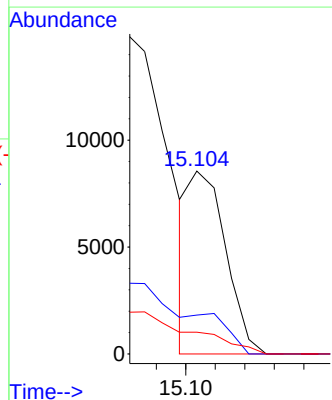
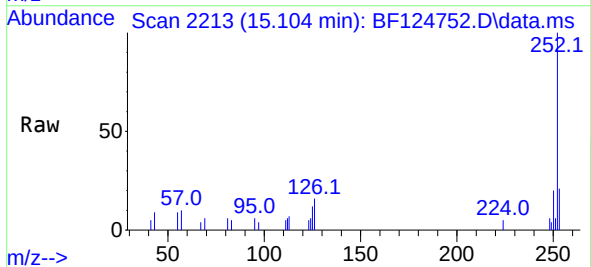
Manual Integrations
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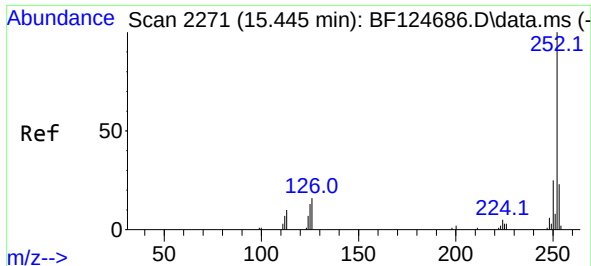
mohammad
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#89
Benzo(k)fluoranthene
Concen: 11.101 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

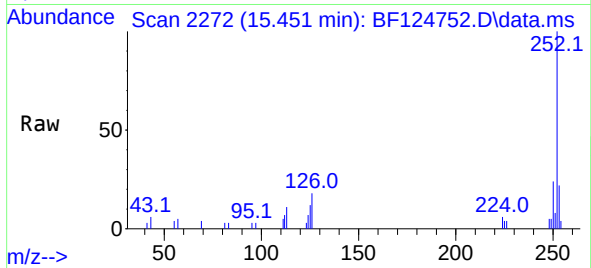
Tgt Ion:252 Resp: 7253
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 11.9 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 25.314 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

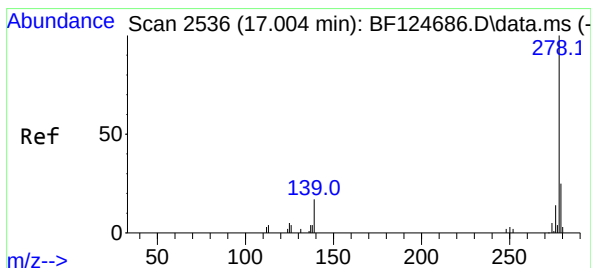
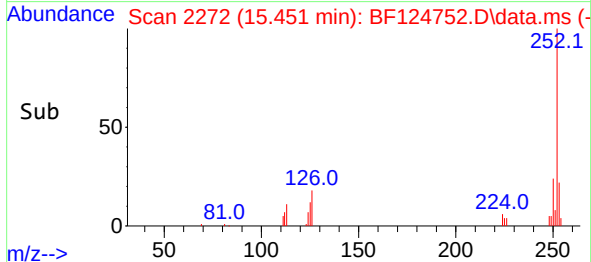
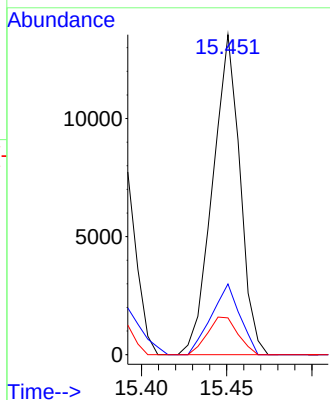
Instrument :
BNA_F
ClientSampleId :
ETGI-358



Tgt Ion:252 Resp: 15121
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 11.5 9.9 14.9

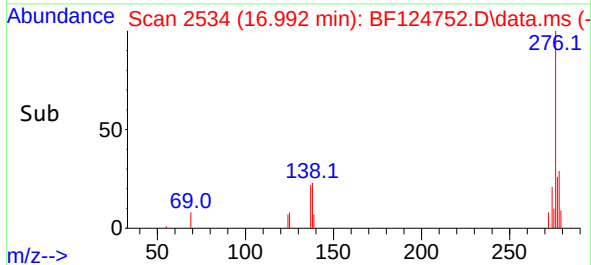
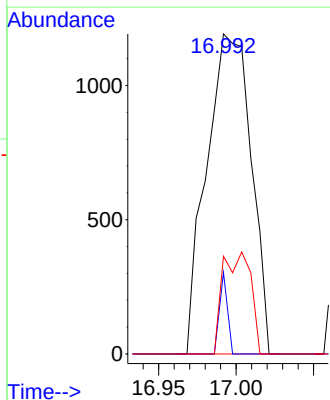
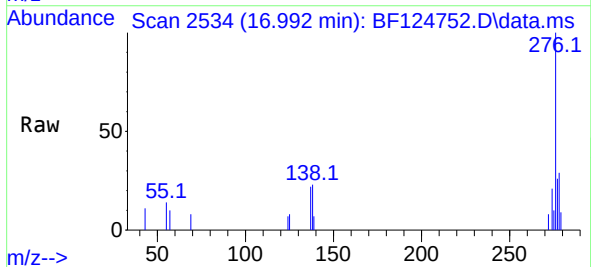
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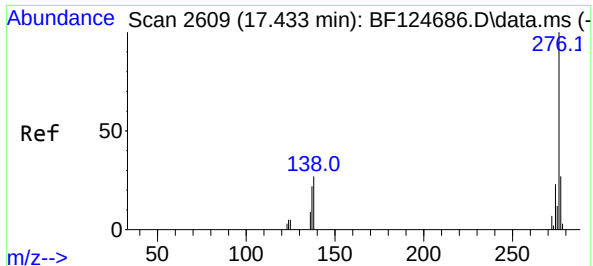
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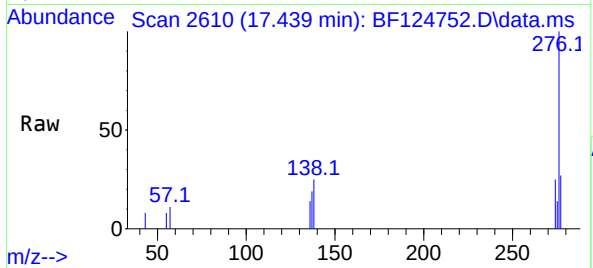
#91
Dibenzo(a,h)anthracene
Concen: 4.629 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39

Tgt Ion:278 Resp: 2376
Ion Ratio Lower Upper
278 100
139 25.4 14.9 22.3#
279 30.5 19.7 29.5#

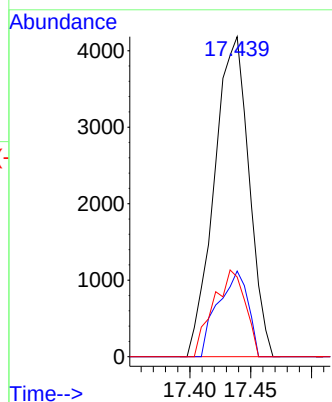
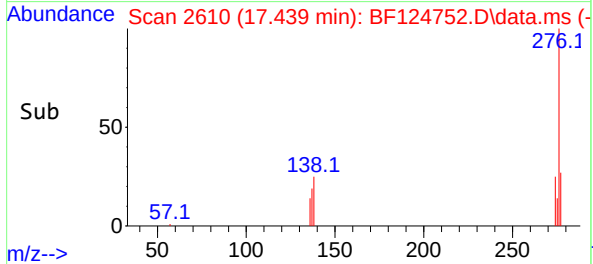




#92
Benzo(g,h,i)perylene
Concen: 17.011 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF124752.D
Acq: 24 Jul 2021 17:39



Tgt Ion:	276	Resp:	8280
Ion	Ratio	Lower	Upper
276	100		
277	26.8	22.0	33.0
138	24.9	22.2	33.4



Instrument :
BNA_F
ClientSampleId :
ETGI-358

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