

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124188.D
 Acq On : 8 Jun 2021 19:37
 Operator : JU/CG
 Sample : M2598-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19

Manual Integrations
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Quant Time: Jun 09 04:09:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	39805	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	150543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	86140	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	137982	20.000	ng	0.00
76) Chrysene-d12	14.033	240	82734	20.000	ng	0.00
86) Perylene-d12	15.515	264	81768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	189309	71.593	ng	0.00
7) Phenol-d6	6.504	99	240727	67.729	ng	0.00
23) Nitrobenzene-d5	7.422	82	206883	54.504	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	83065	68.064	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	391739	57.227	ng	0.00
79) Terphenyl-d14	12.974	244	313522	52.028	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	27751	3.220	ng	97
75) Fluoranthene	12.598	202	45876	5.070	ng	98
78) Pyrene	12.827	202	36029m	4.535	ng	
81) Benzo(a)anthracene	14.021	228	16383m	2.718	ng	
83) Chrysene	14.057	228	23885	4.107	ng	94
84) Bis(2-ethylhexyl)phtha...	14.004	149	9197	2.399	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.003	276	13721	6.169	ng	# 91
88) Benzo(b)fluoranthene	15.080	252	35064m	5.520	ng	
90) Benzo(a)pyrene	15.451	252	16346	2.963	ng	# 90
92) Benzo(g,h,i)perylene	17.450	276	13132	5.916	ng	# 90

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

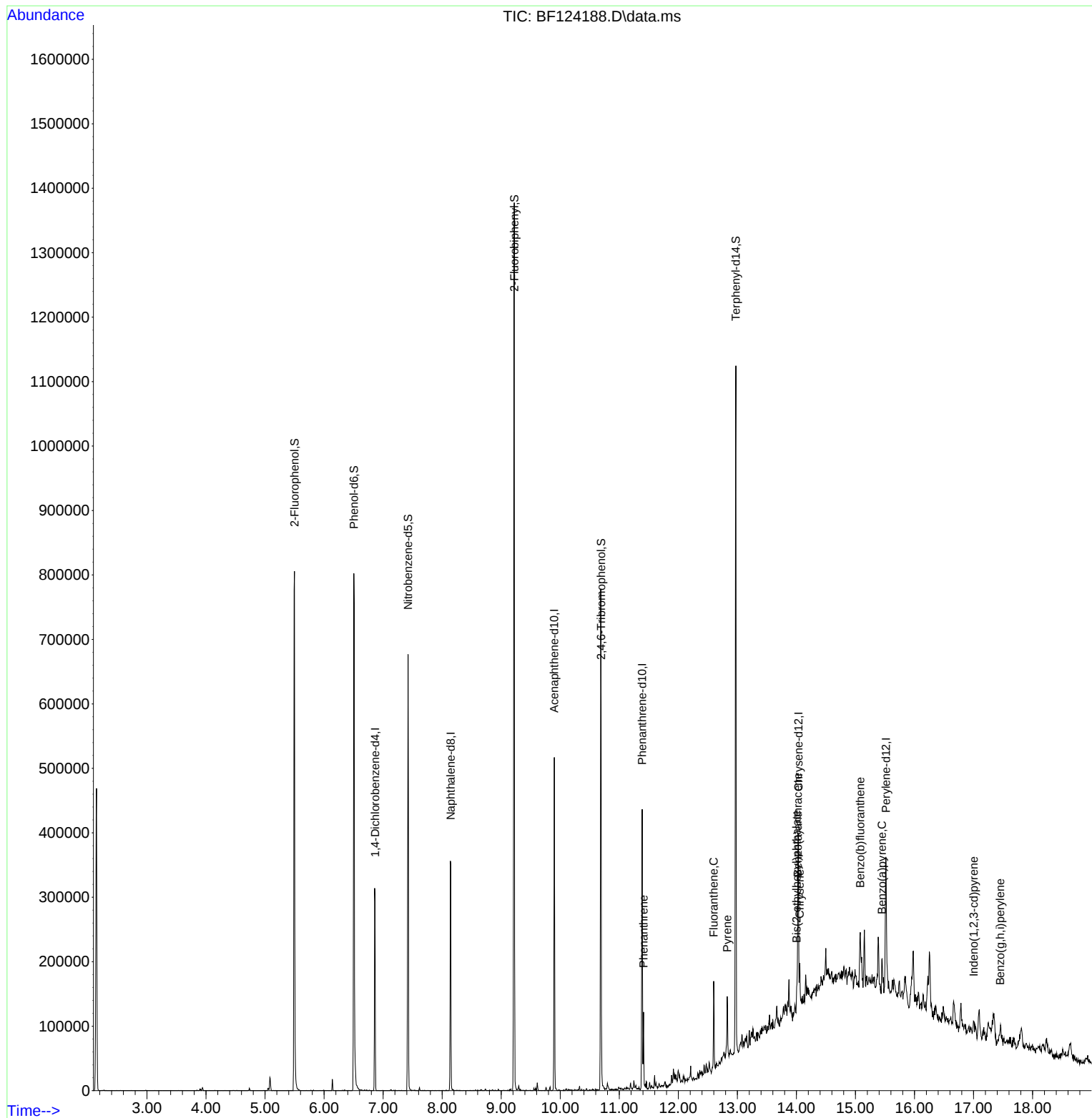
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124188.D
Acq On : 8 Jun 2021 19:37
Operator : JU/CG
Sample : M2598-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

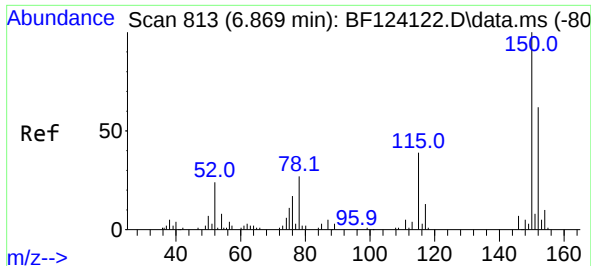
Instrument :
BNA_F
ClientSampled :
19

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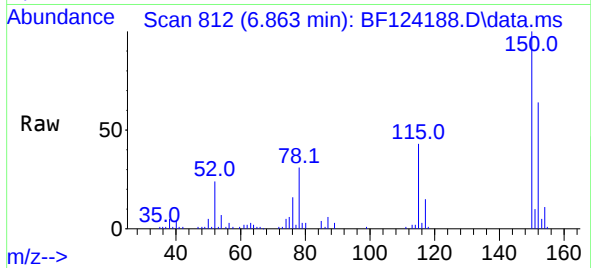
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Quant Time: Jun 09 04:09:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

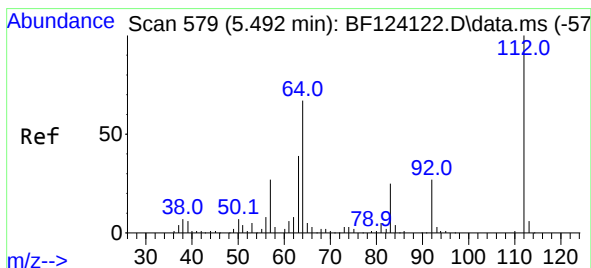
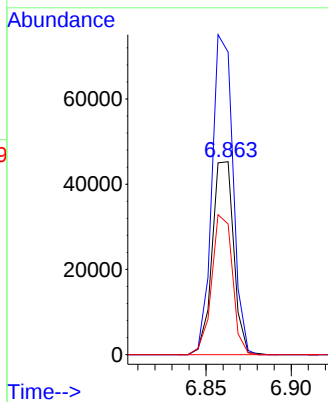
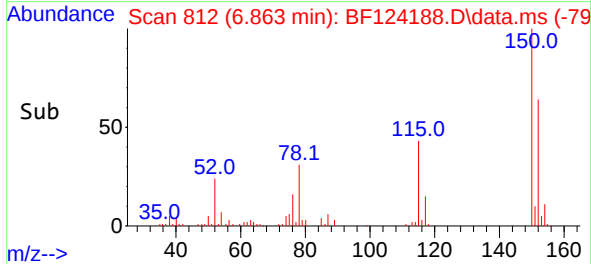




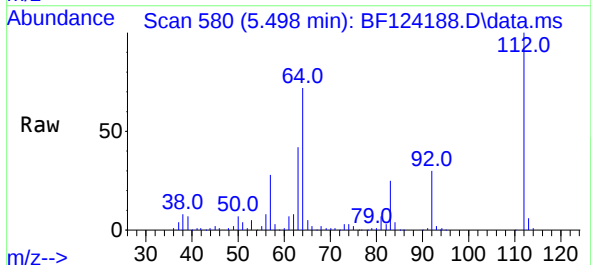
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



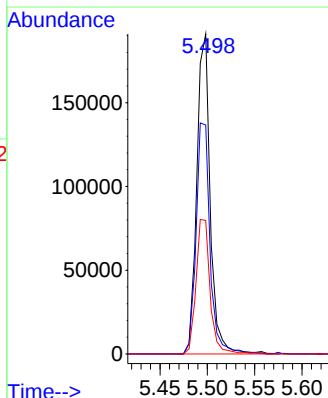
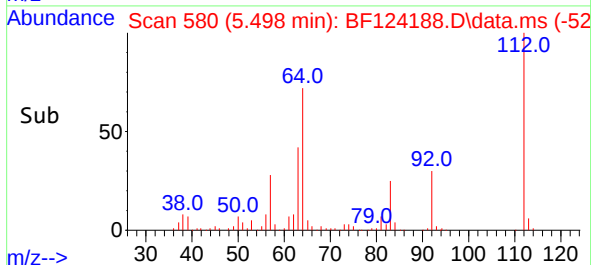
Tgt Ion:152 Resp: 39805
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 71.593 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



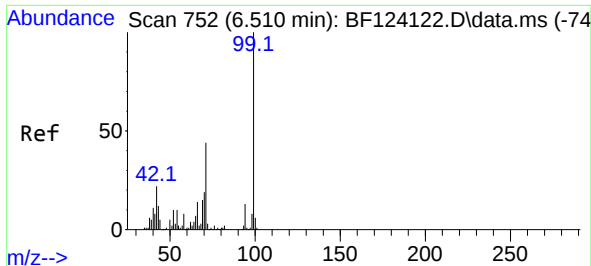
Tgt Ion:112 Resp: 189309
Ion Ratio Lower Upper
112 100
64 71.6 61.4 92.0
63 41.7 33.0 49.4



Instrument :
BNA_F
ClientSampled :
19

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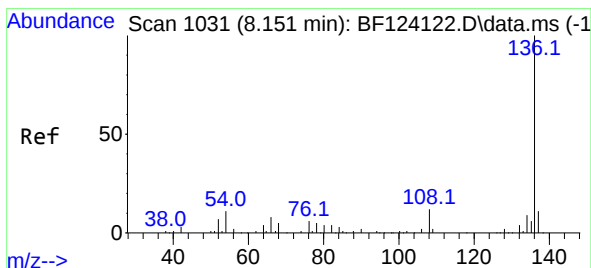
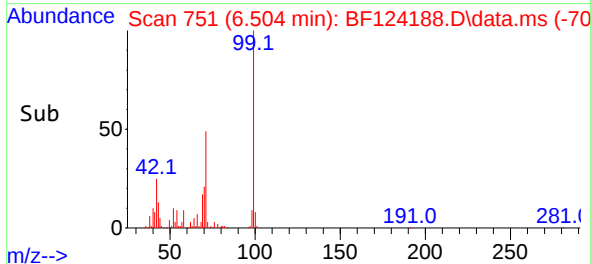
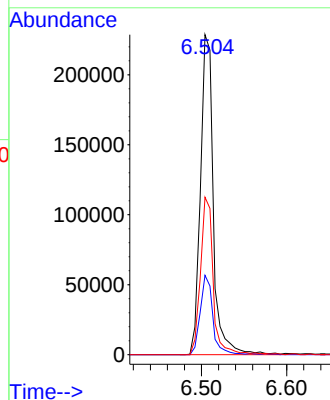
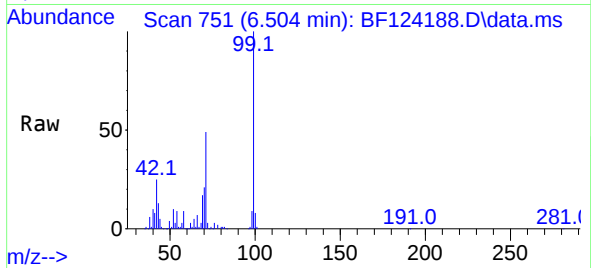
#7
Phenol-d6
Concen: 67.729 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

Tgt Ion: 99 Resp: 240727
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 49.2 31.1 46.7#

Instrument :
BNA_F
ClientSampleId :
19

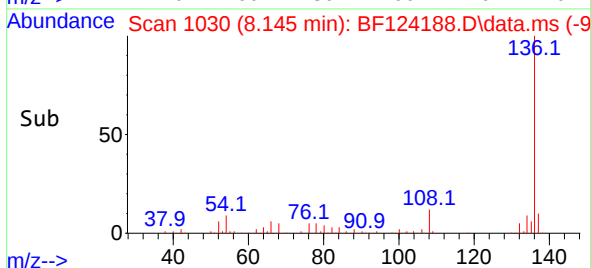
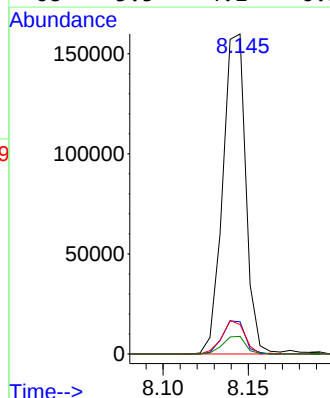
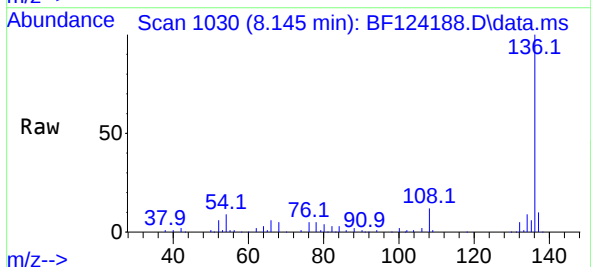
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

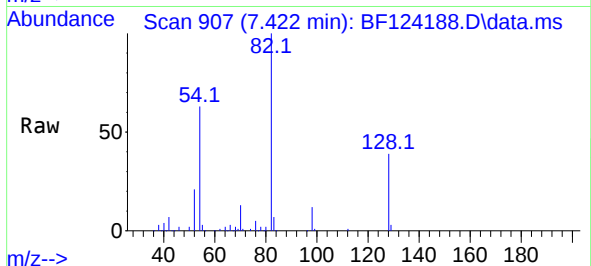
Tgt Ion: 136 Resp: 150543
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 9.2 9.8 14.6#
68 5.5 4.1 6.1





#23
Nitrobenzene-d5
Concen: 54.504 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

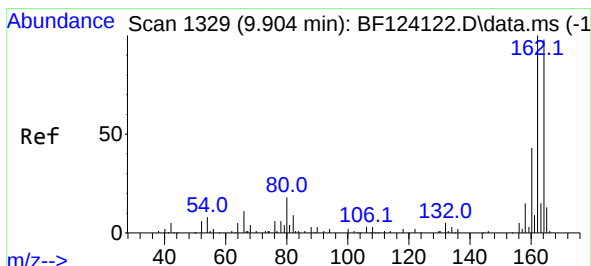
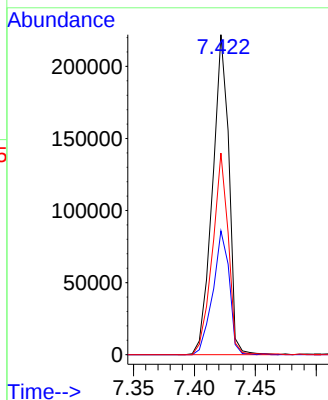
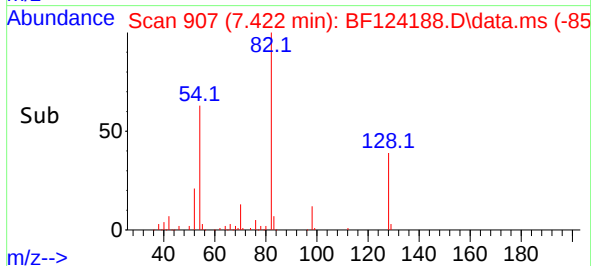
Instrument :
BNA_F
ClientSampled :
19



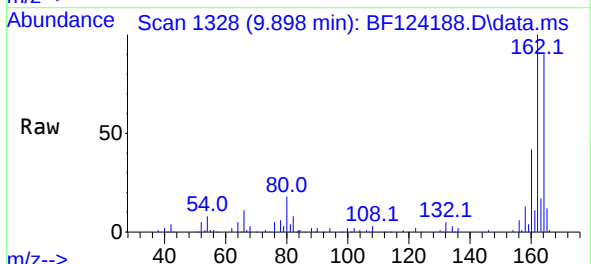
Tgt Ion: 82 Resp: 206883
Ion Ratio Lower Upper
82 100
128 38.7 29.4 44.2
54 63.0 54.1 81.1

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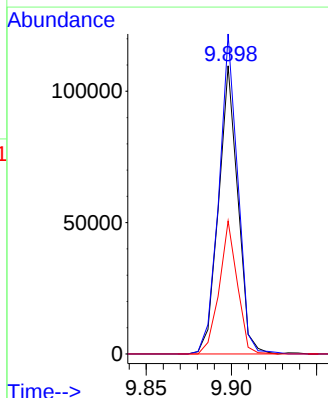
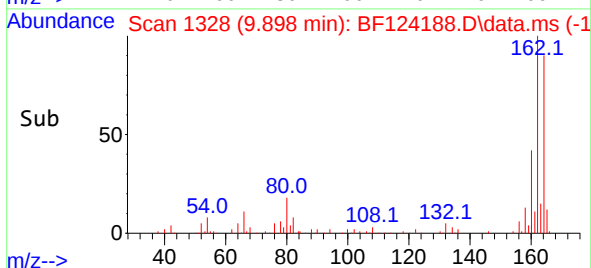
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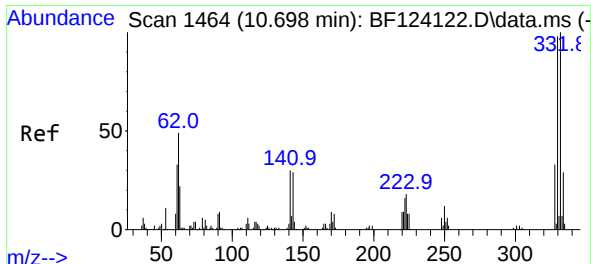


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

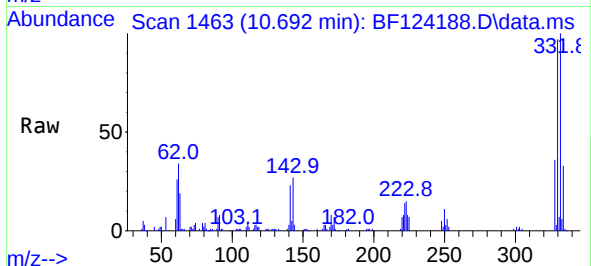


Tgt Ion: 164 Resp: 86140
Ion Ratio Lower Upper
164 100
162 111.1 80.7 121.1
160 46.2 37.3 55.9

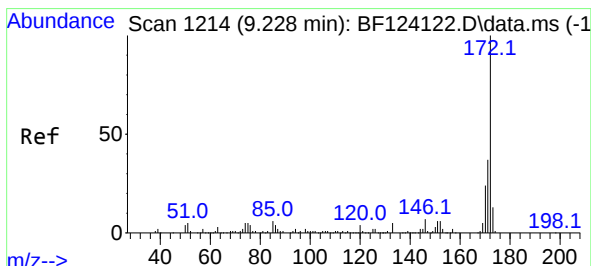
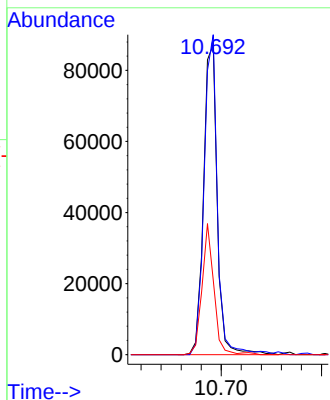
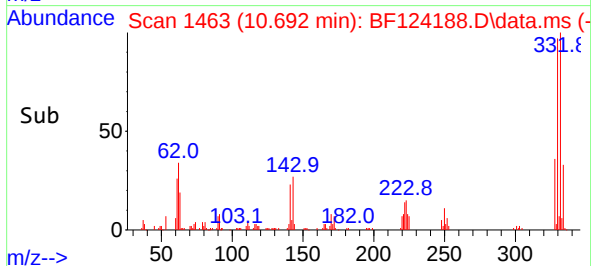




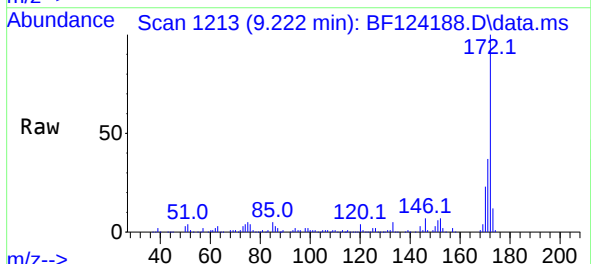
#42
2,4,6-Tribromophenol
Concen: 68.064 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



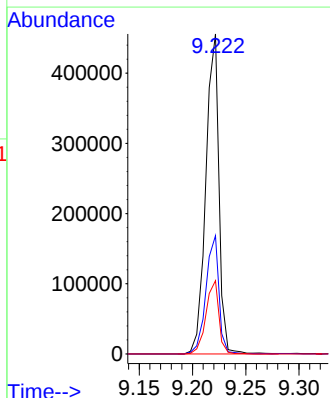
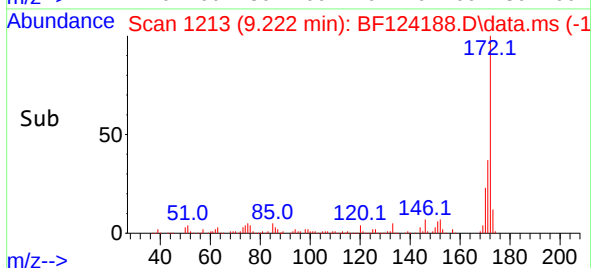
Tgt Ion: 330 Resp: 83065
Ion Ratio Lower Upper
330 100
332 100.5 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.227 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



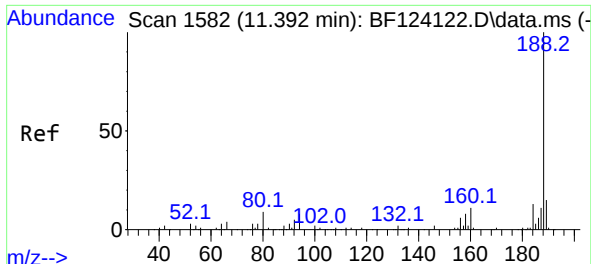
Tgt Ion: 172 Resp: 391739
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 22.9 19.2 28.8



Instrument :
BNA_F
ClientSampled :
19

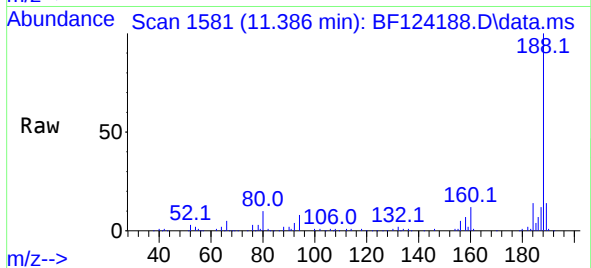
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

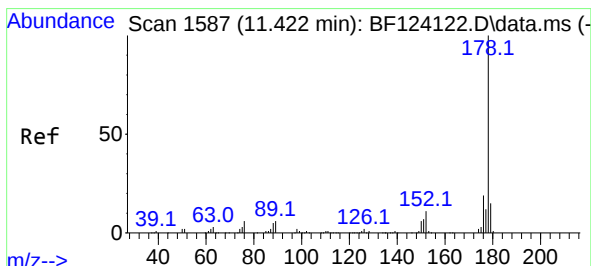
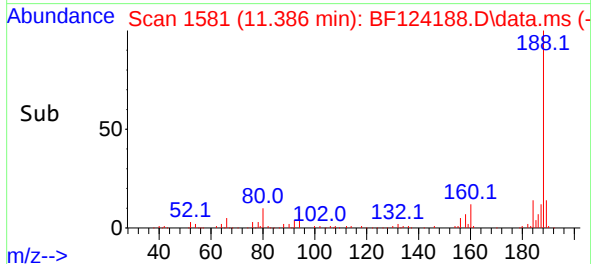
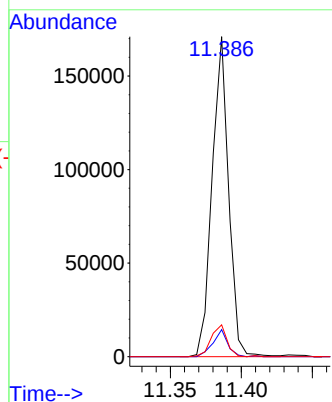
Instrument :
BNA_F
ClientSampled :
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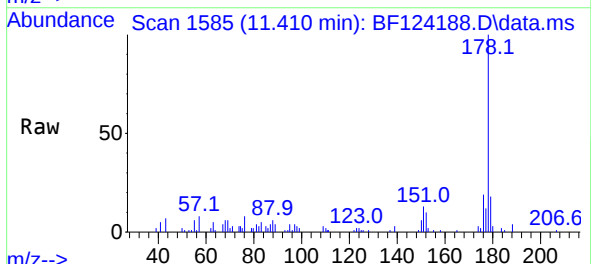
Tgt Ion:188 Resp: 137982
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.0 8.2 12.2

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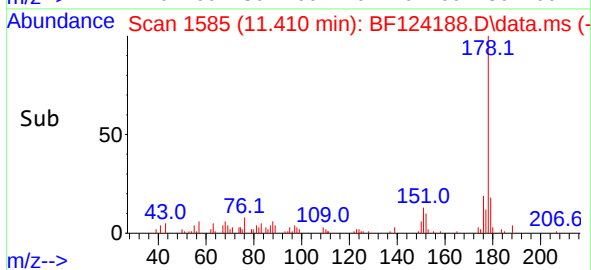
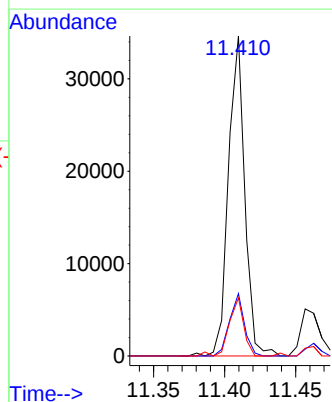
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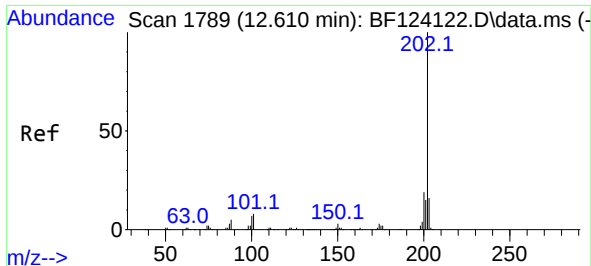


#71
Phenanthrene
Concen: 3.220 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

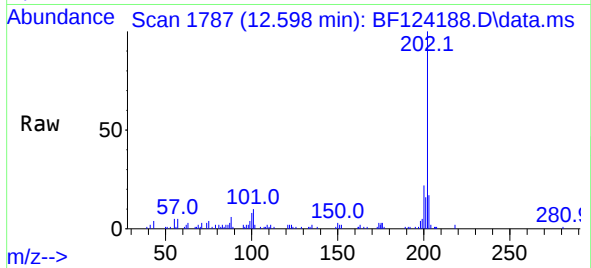


Tgt Ion:178 Resp: 27751
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 18.1 12.5 18.7

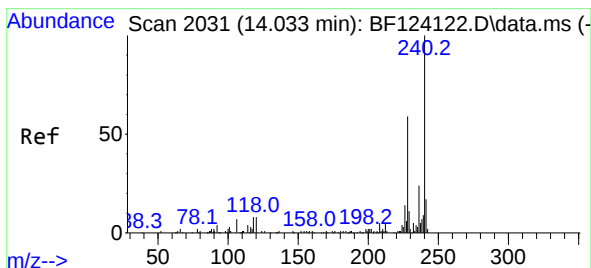
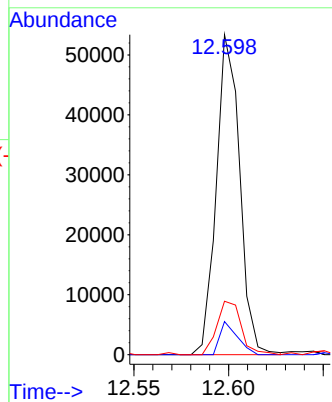
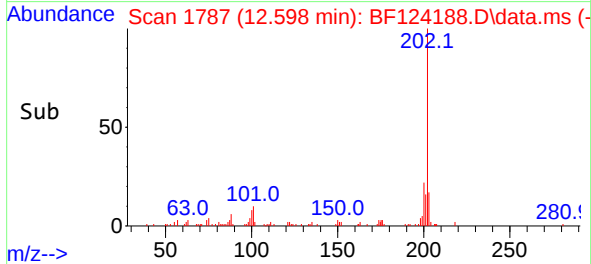




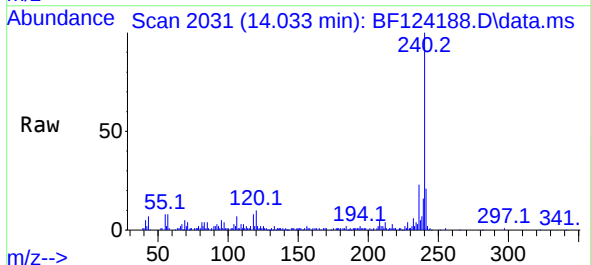
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Fluoranthene
Concen: 5.070 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



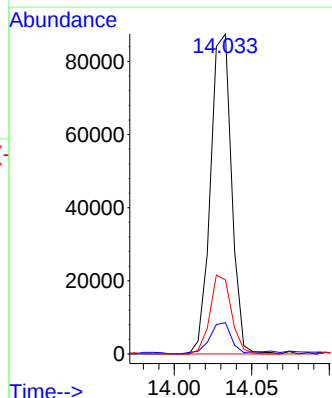
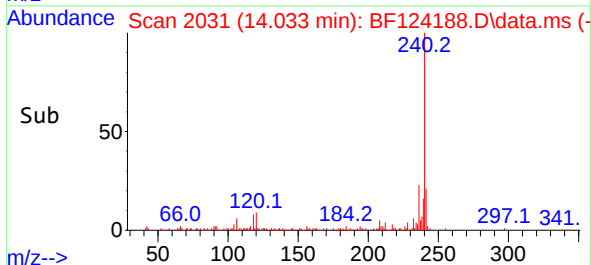
Tgt Ion:202 Resp: 45876
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.9
203 16.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



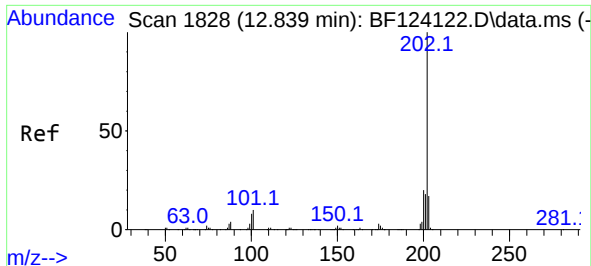
Tgt Ion:240 Resp: 82734
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.1 19.0 28.4



Instrument :
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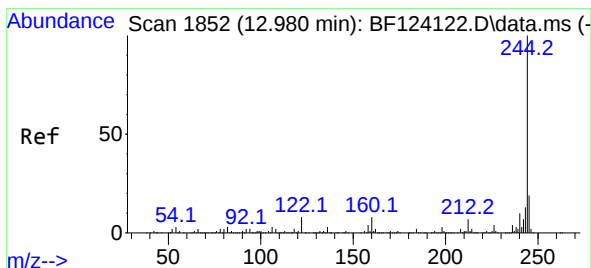
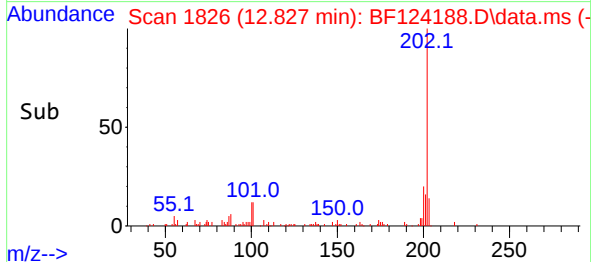
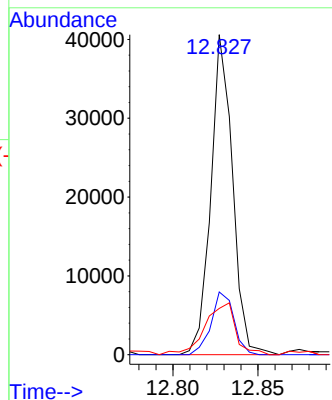
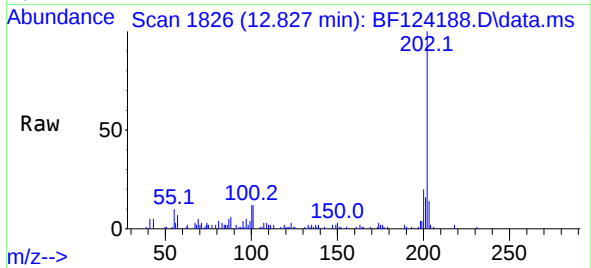
#78
Pyrene
Concen: 4.535 ng m
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

Tgt Ion:202 Resp: 36029
Ion Ratio Lower Upper
202 100
200 19.6 16.1 24.1
203 14.5 14.8 22.2#

Instrument :
BNA_F
ClientSampled :
19

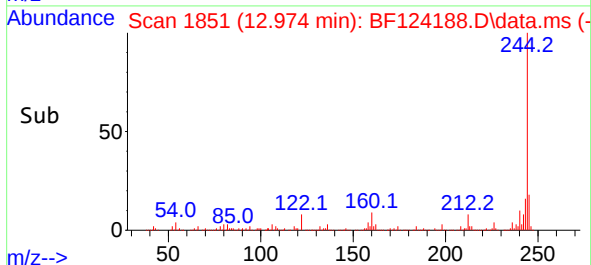
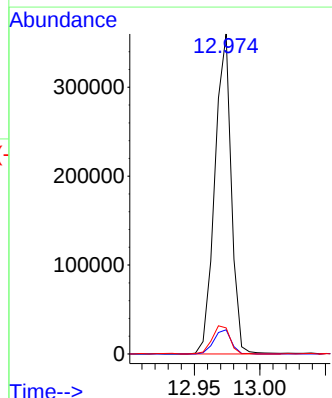
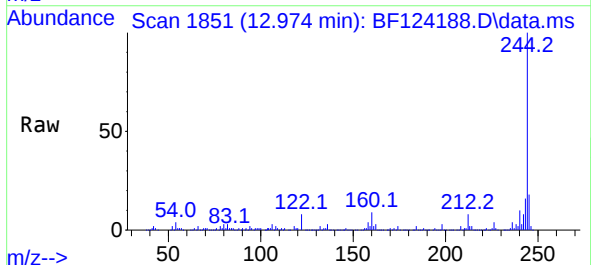
Manual Integrations
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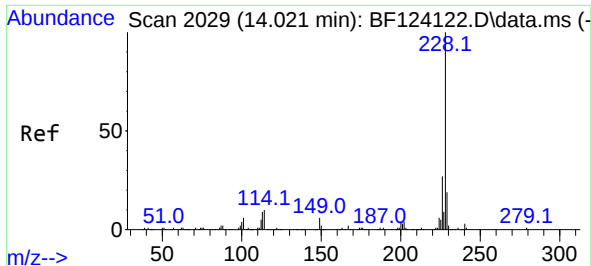
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#79
Terphenyl-d14
Concen: 52.028 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

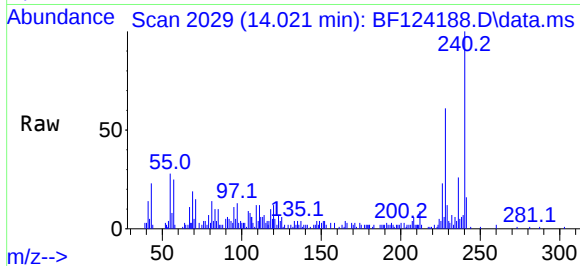
Tgt Ion:244 Resp: 313522
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.2 9.7 14.5#





#81
Benzo(a)anthracene
Concen: 2.718 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

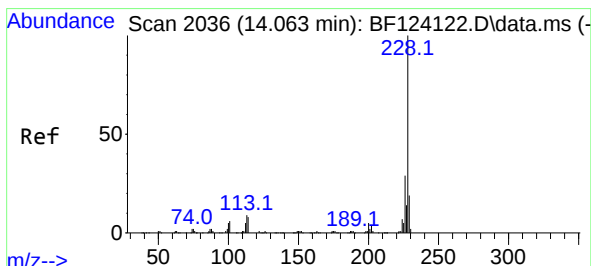
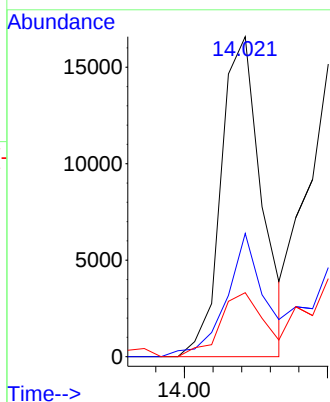
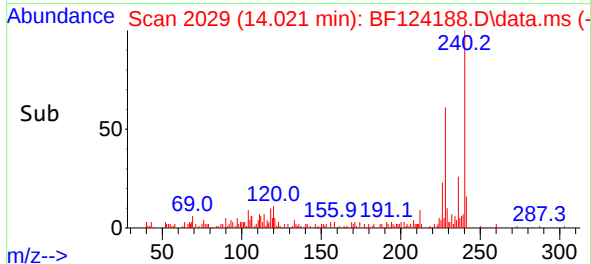
Instrument :
BNA_F
ClientSampled :
19



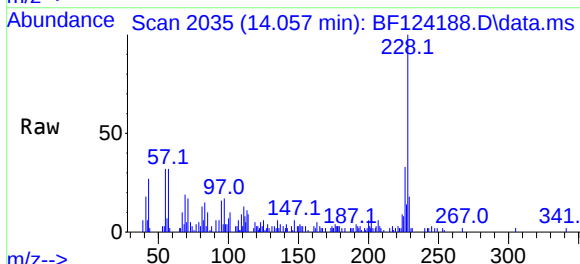
Tgt Ion:228 Resp: 16383
Ion Ratio Lower Upper
228 100
226 38.5 22.4 33.6#
229 20.0 16.0 24.0

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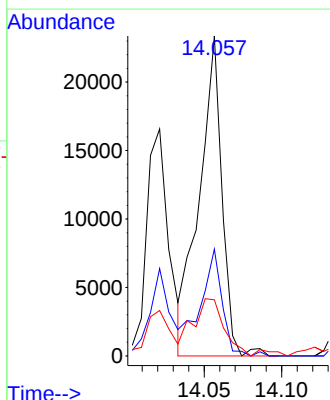
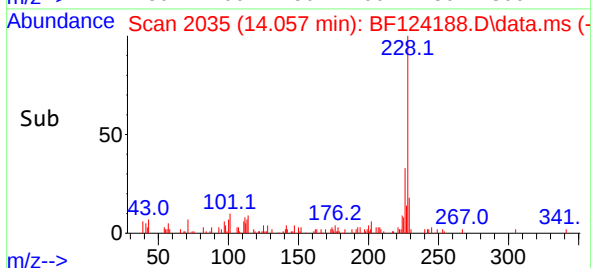
mohammad
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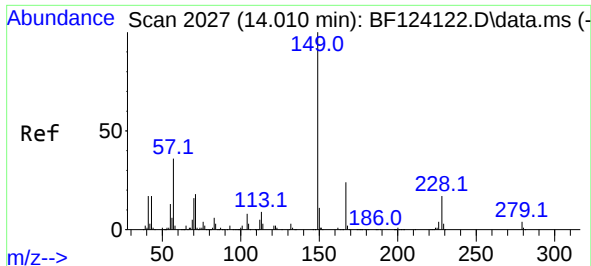


#83
Chrysene
Concen: 4.107 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



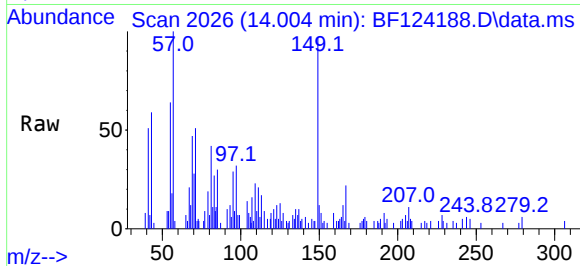
Tgt Ion:228 Resp: 23885
Ion Ratio Lower Upper
228 100
226 33.4 24.3 36.5
229 17.6 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.399 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

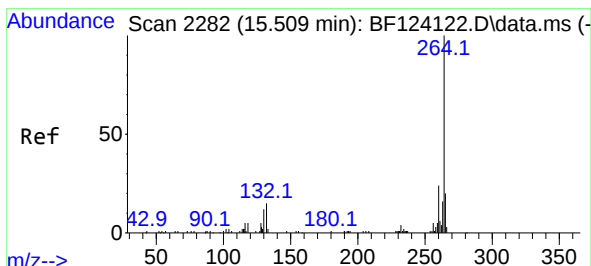
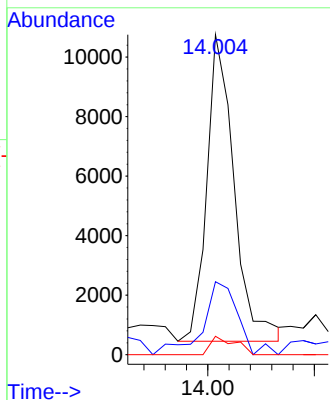
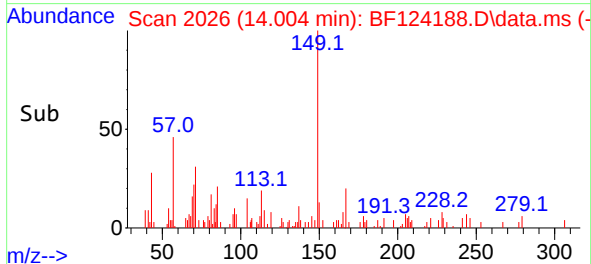
Instrument :
BNA_F
ClientSampleId :
19



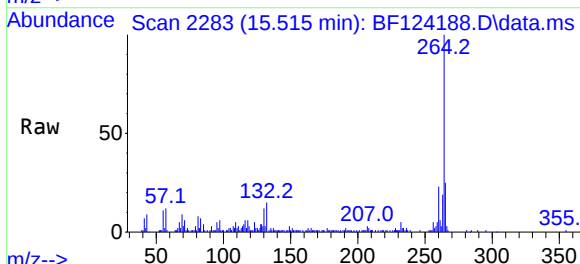
Tgt Ion:149 Resp: 9197
Ion Ratio Lower Upper
149 100
167 22.8 21.8 32.6
279 5.8 3.3 4.9#

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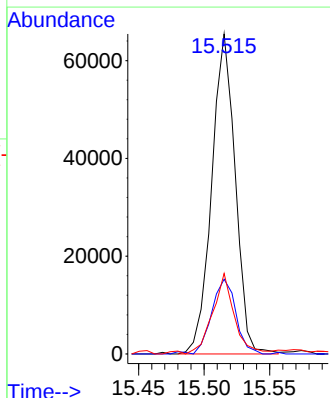
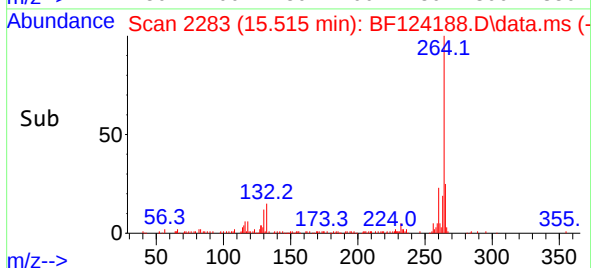
mohammad
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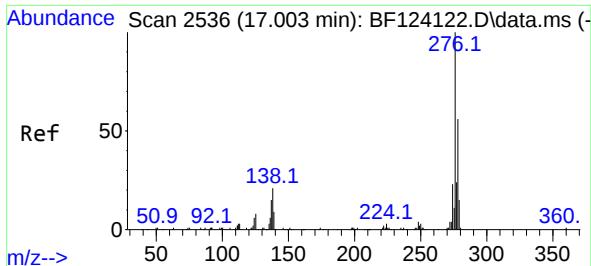


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



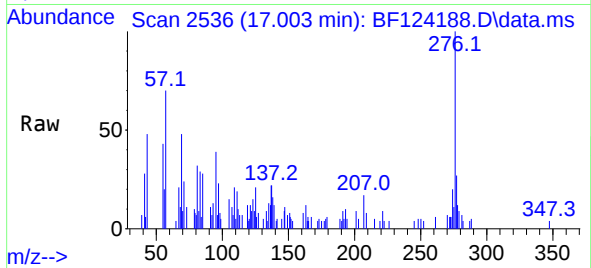
Tgt Ion:264 Resp: 81768
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 25.2 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.169 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

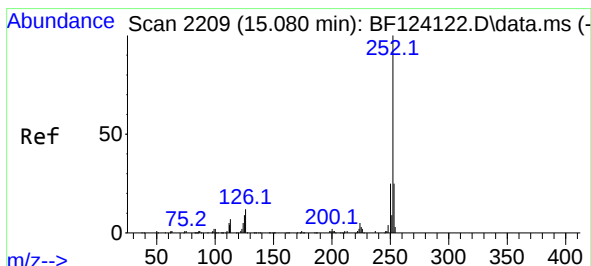
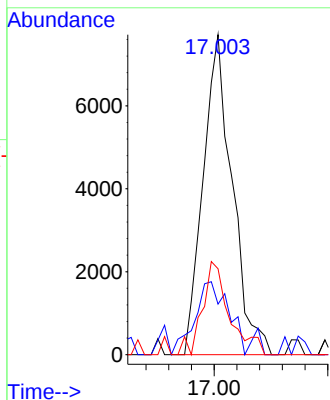
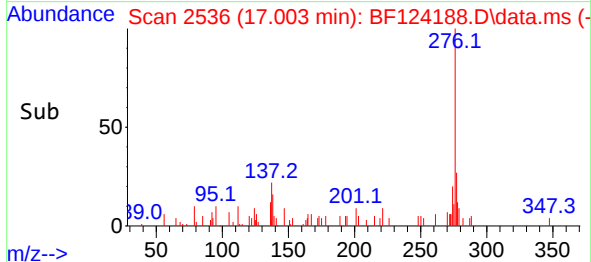
Instrument :
BNA_F
ClientSampled :
19



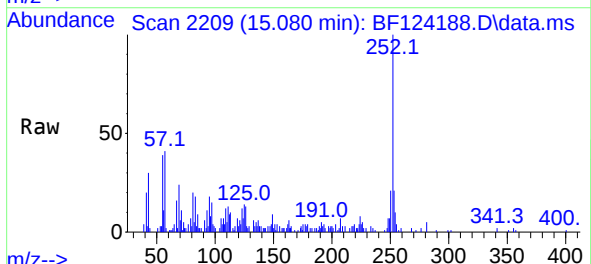
Tgt Ion:276 Resp: 13721
Ion Ratio Lower Upper
276 100
138 27.3 16.2 24.2#
277 27.1 20.1 30.1

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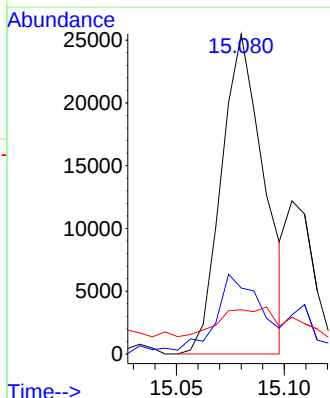
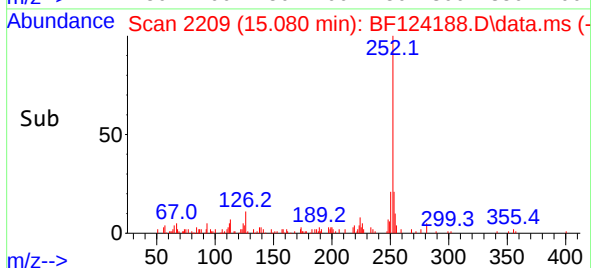
mohammad
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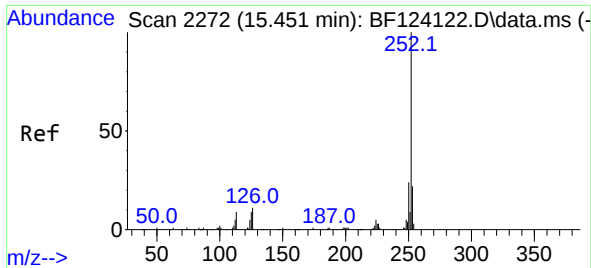


#88
Benzo(b)fluoranthene
Concen: 5.520 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37

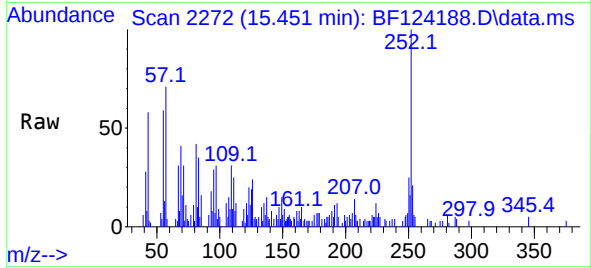


Tgt Ion:252 Resp: 35064
Ion Ratio Lower Upper
252 100
253 20.6 18.1 27.1
125 13.8 6.2 9.4#

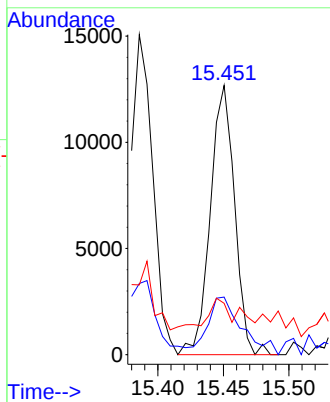
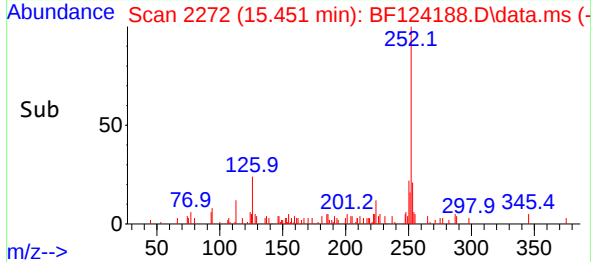




#90
Benzo(a)pyrene
Concen: 2.963 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



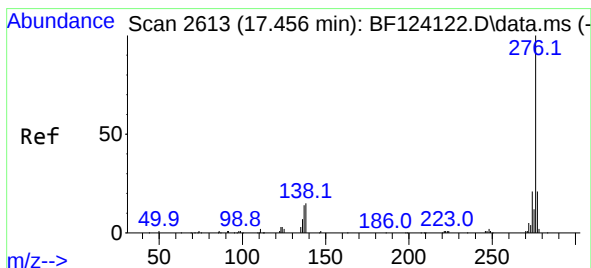
Tgt Ion:252 Resp: 16346
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 19.1 8.0 12.0#



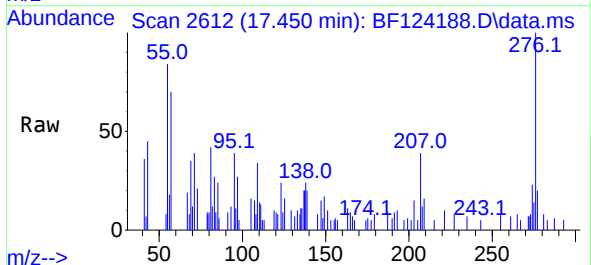
Instrument :
BNA_F
ClientSampled :
19

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#92
Benzo(g,h,i)perylene
Concen: 5.916 ng
RT: 17.450 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF124188.D
Acq: 8 Jun 2021 19:37



Tgt Ion:276 Resp: 13132
Ion Ratio Lower Upper
276 100
277 20.3 18.2 27.2
138 24.2 13.8 20.6#

