

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124885.D
 Acq On : 30 Jul 2021 20:04
 Operator : JU/CG
 Sample : M3219-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072821

Manual Integrations
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Quant Time: Jul 31 00:07:48 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	7316	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	28157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	15954	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	26244	20.000	ng	0.00
76) Chrysene-d12	14.039	240	16673	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	14035	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	253	0.586	ng	0.00
7) Phenol-d6	6.492	99	388	0.716	ng	0.00
23) Nitrobenzene-d5	7.428	82	306	0.647	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.228	172	883	0.813	ng	0.00
79) Terphenyl-d14	12.980	244	914	0.940	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	16344	11.579	ng	99
72) Anthracene	11.474	178	5314	3.766	ng	98
75) Fluoranthene	12.610	202	22522	15.636	ng	96
78) Pyrene	12.839	202	20180	15.288	ng	96
81) Benzo(a)anthracene	14.027	228	10005	9.180	ng	# 86
83) Chrysene	14.063	228	8547	8.140	ng	96
87) Indeno(1,2,3-cd)pyrene	17.003	276	3209	3.960	ng	# 78
88) Benzo(b)fluoranthene	15.086	252	10635m	10.762	ng	
89) Benzo(k)fluoranthene	15.109	252	3157m	3.496	ng	
90) Benzo(a)pyrene	15.457	252	7330	8.880	ng	98
92) Benzo(g,h,i)perylene	17.456	276	3168	4.710	ng	# 47

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

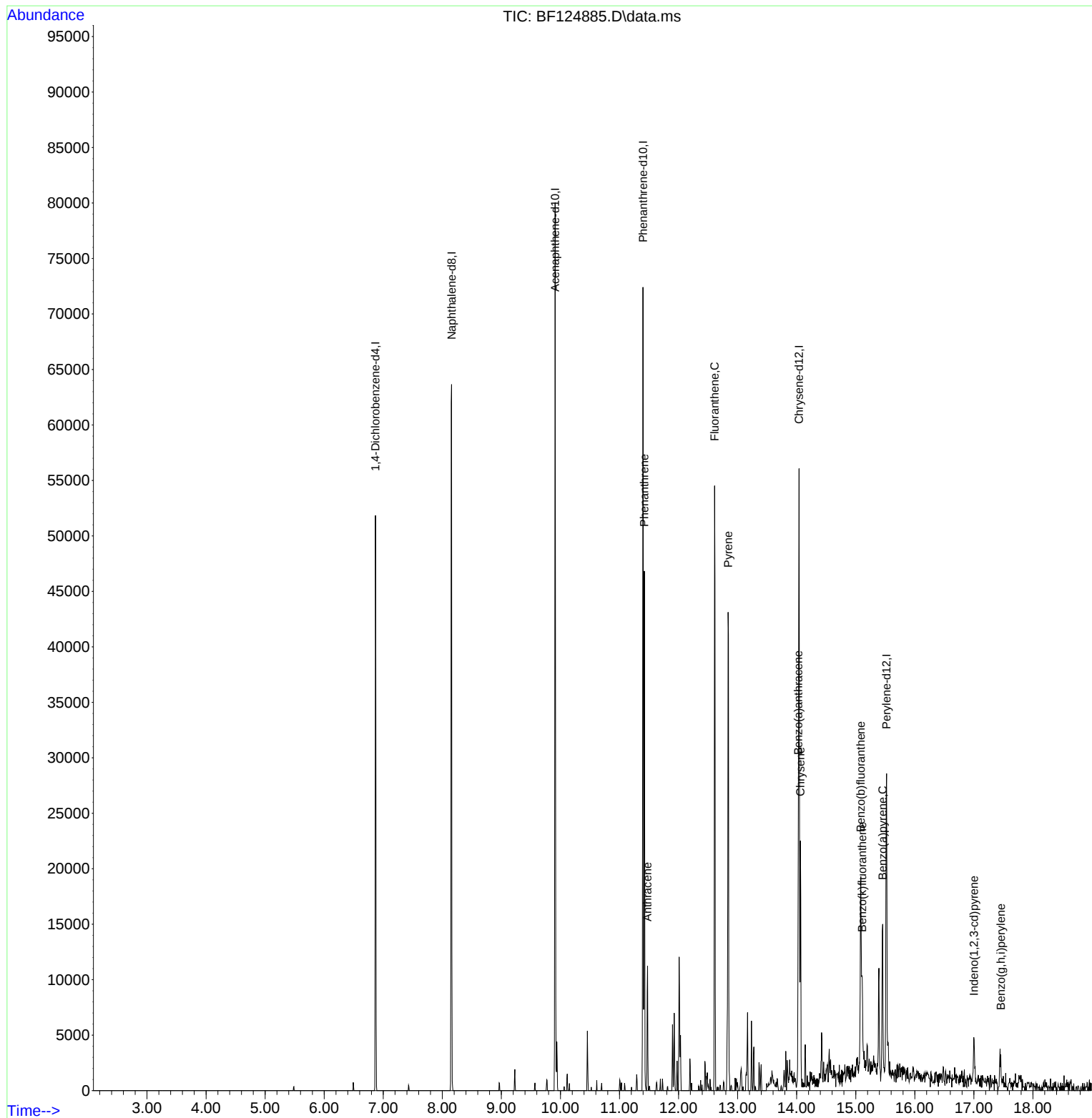
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124885.D
Acq On : 30 Jul 2021 20:04
Operator : JU/CG
Sample : M3219-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

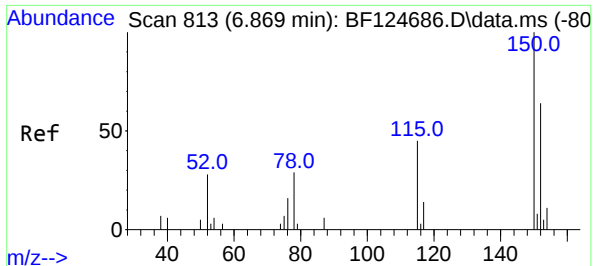
Instrument :
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TR-05-072821

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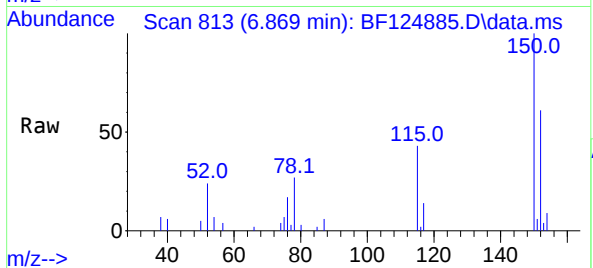
Quant Time: Jul 31 00:07:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

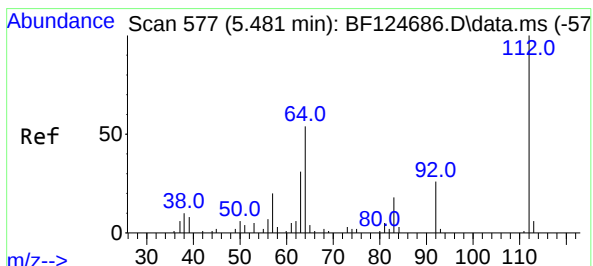
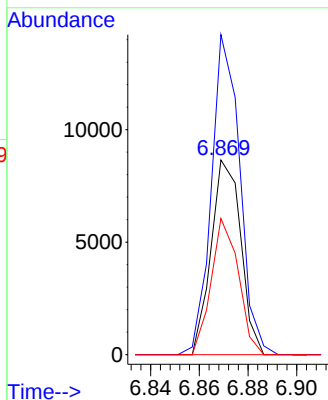
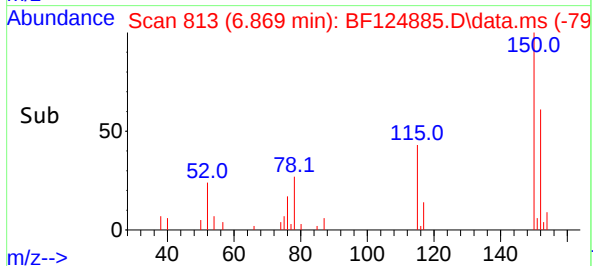
Instrument :
BNA_F
ClientSampleId :
TR-05-072821



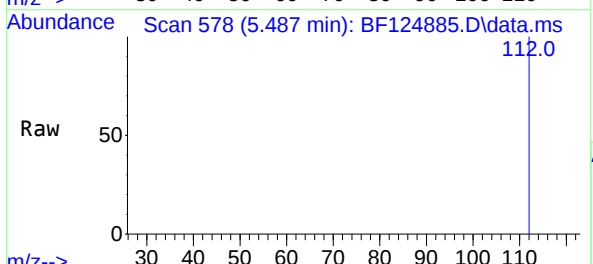
Tgt Ion:152 Resp: 7316
Ion Ratio Lower Upper
152 100
150 164.3 117.6 176.4
115 69.9 47.1 70.7

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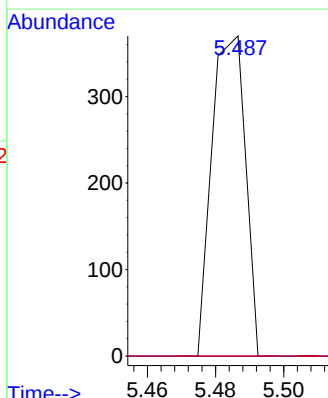
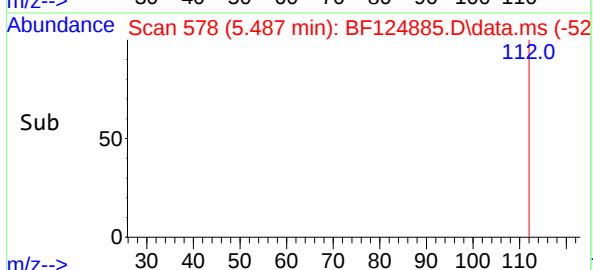
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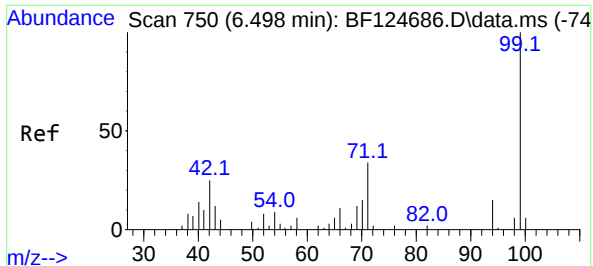


#5
2-Fluorophenol
Concen: 0.586 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



Tgt Ion:112 Resp: 253
Ion Ratio Lower Upper
112 100
64 0.0 44.2 66.2#
63 0.0 26.2 39.2#





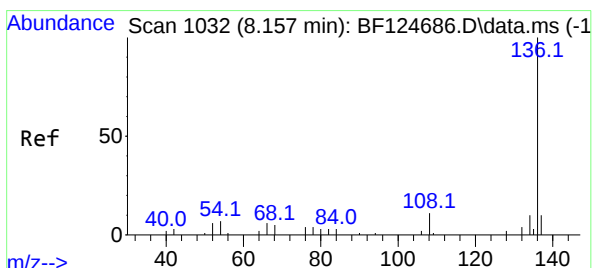
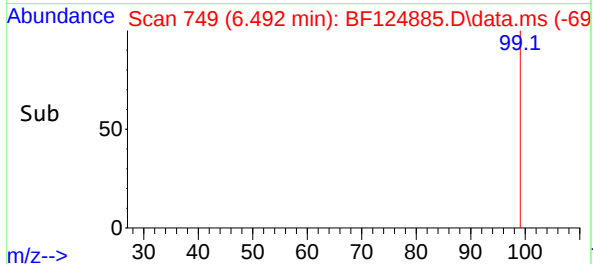
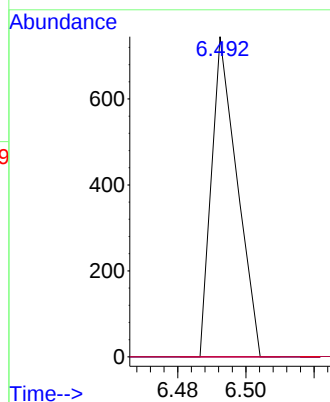
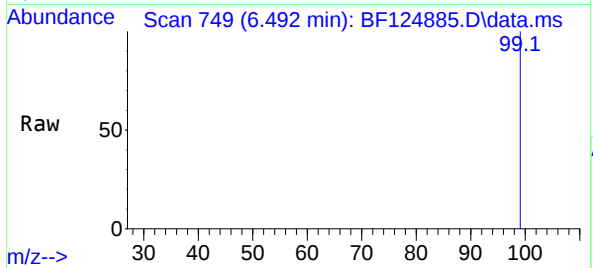
#7
Phenol-d6
Concen: 0.716 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion: 99	Resp: 388
Ion Ratio	Lower Upper
99 100	
42 0.0	23.5 35.3#
71 0.0	25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
TR-05-072821

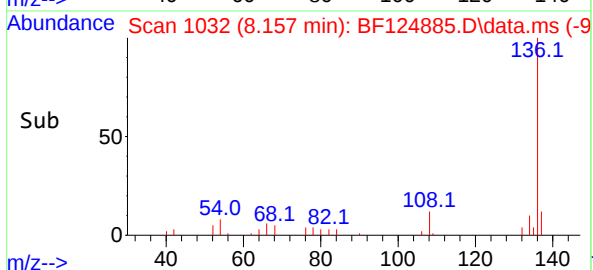
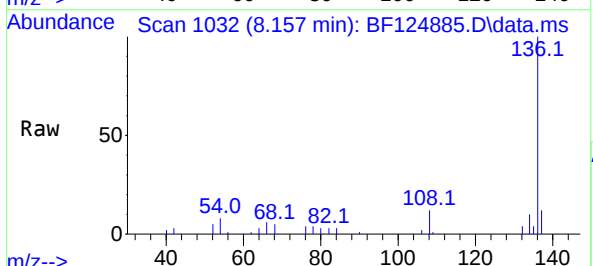
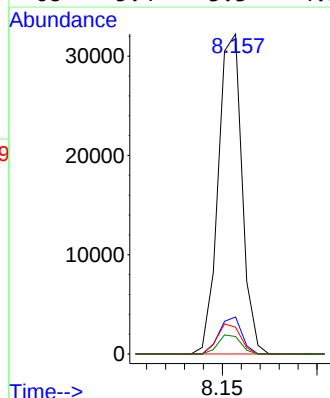
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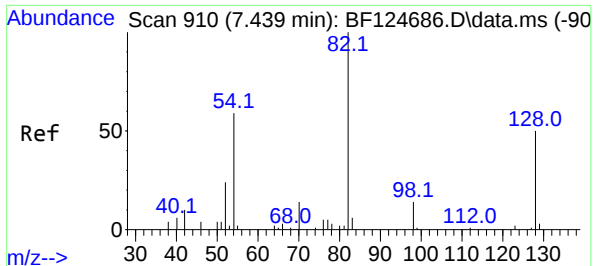
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion: 136	Resp: 28157
Ion Ratio	Lower Upper
136 100	
137 11.6	9.8 14.6
54 8.4	6.4 9.6
68 5.4	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 0.647 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124885.D

Acq: 30 Jul 2021 20:04

Tgt Ion: 82	Resp: 306
Ion Ratio	Lower Upper
82 100	
128 0.0	40.6 60.8#
54 0.0	49.6 74.4#

Instrument :

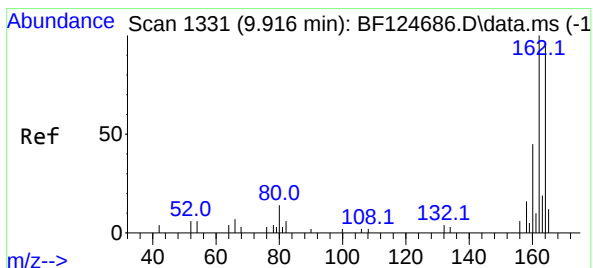
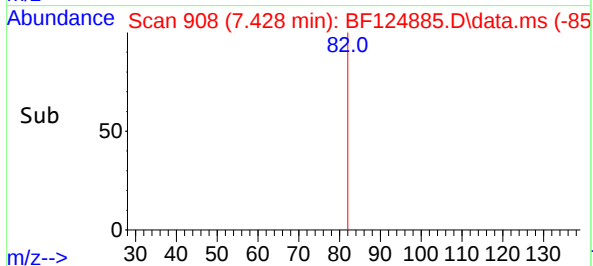
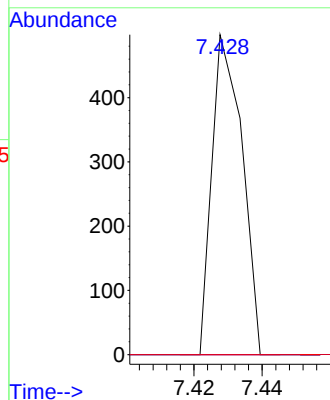
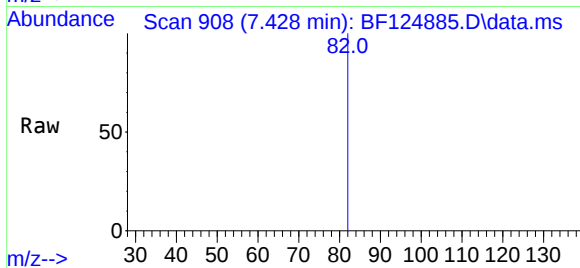
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

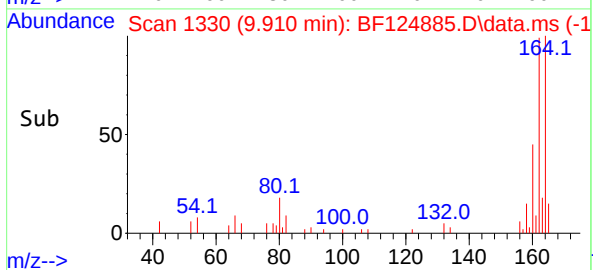
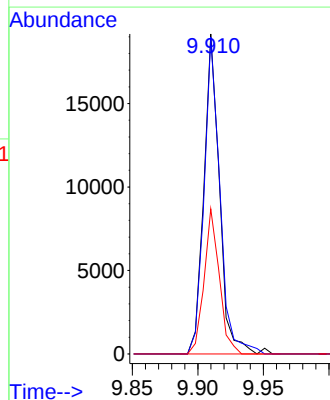
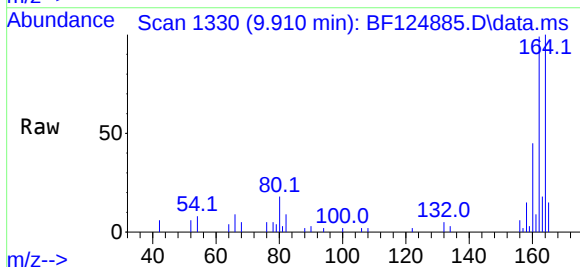
RT: 9.910 min Scan# 1330

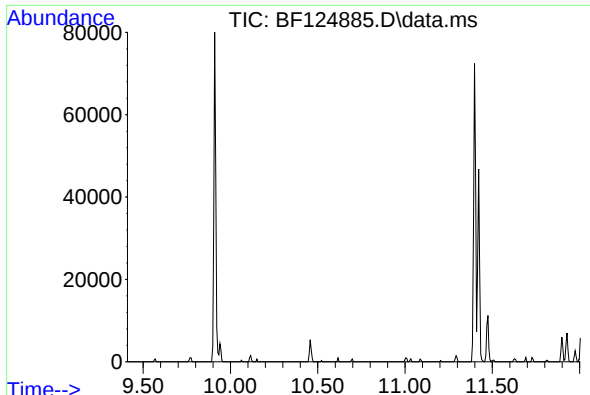
Delta R.T. -0.006 min

Lab File: BF124885.D

Acq: 30 Jul 2021 20:04

Tgt Ion: 164	Resp: 15954
Ion Ratio	Lower Upper
164 100	
162 99.0	81.3 121.9
160 45.3	38.0 57.0





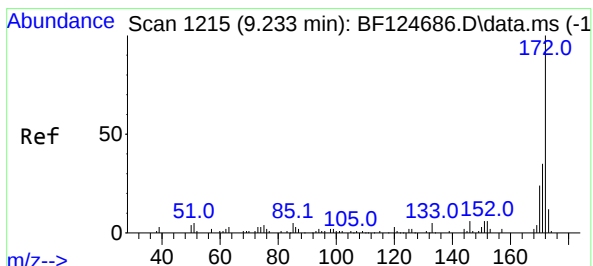
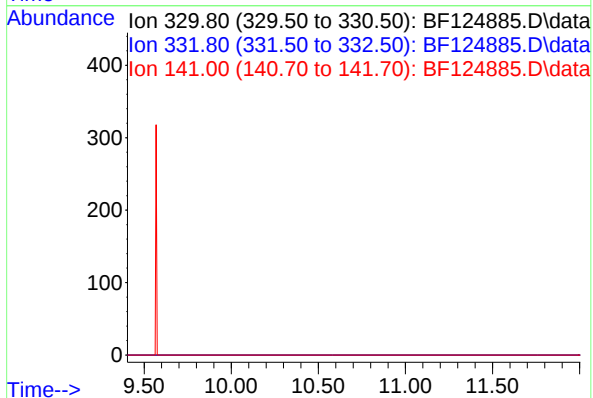
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF124885.D
 Acq: 30 Jul 2021 20:04

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 55.7

Instrument :
 BNA_F
 ClientSampleId :
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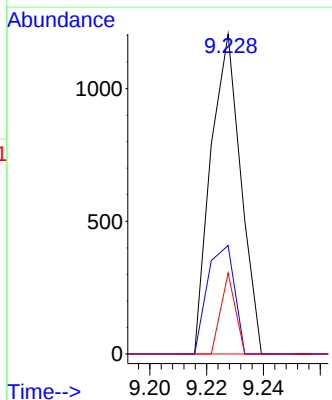
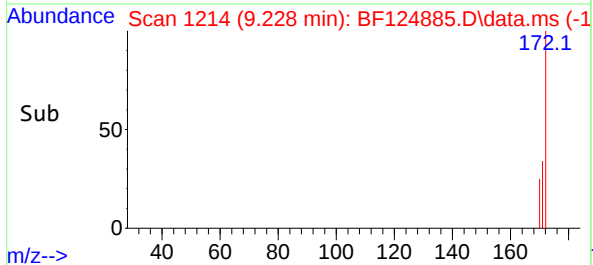
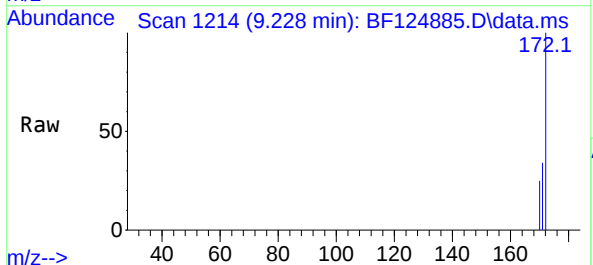
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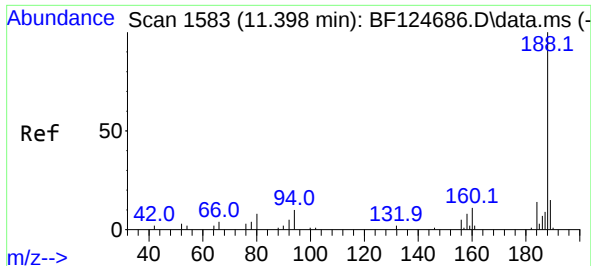
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#45
 2-Fluorobiphenyl
 Concen: 0.813 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF124885.D
 Acq: 30 Jul 2021 20:04

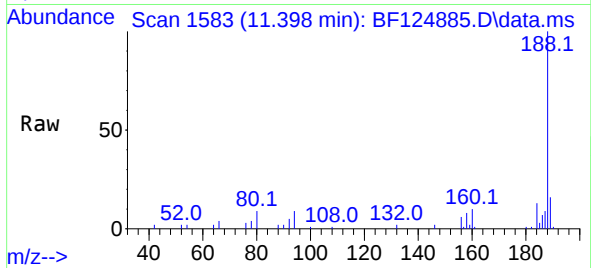
Tgt Ion: 172 Resp: 883
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.5 39.7
 170 25.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

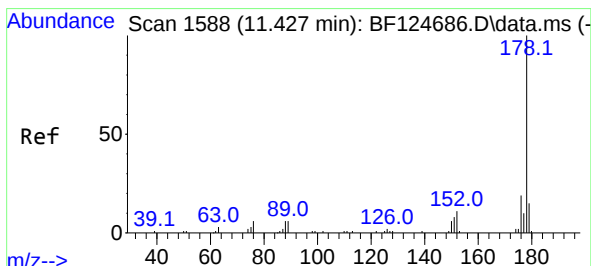
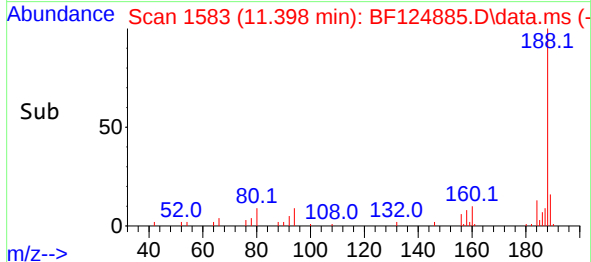
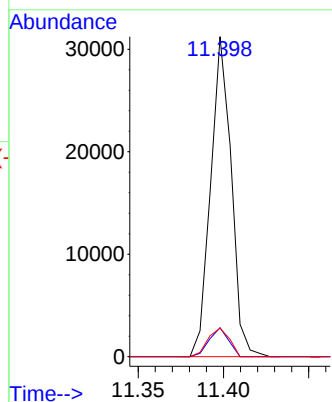
Instrument :
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ClientSampleId :
TR-05-072821



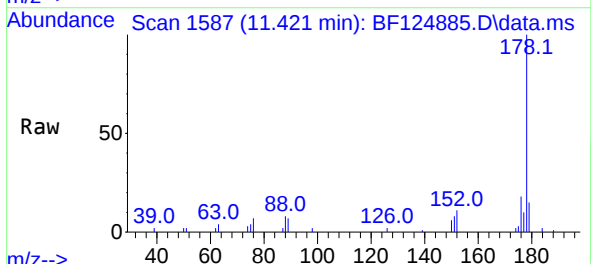
Tgt Ion:188 Resp: 26244
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 8.9 7.5 11.3

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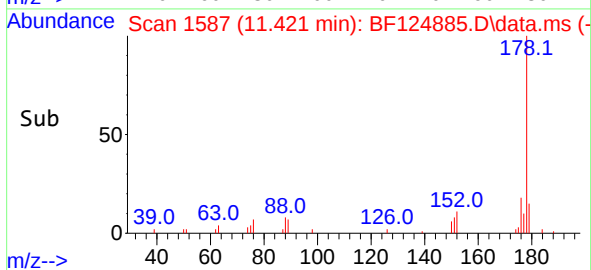
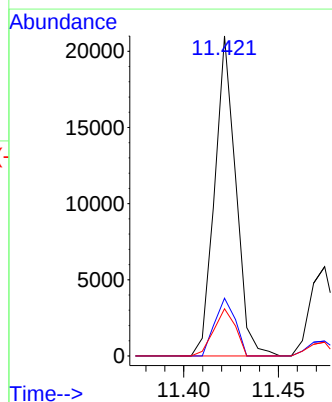
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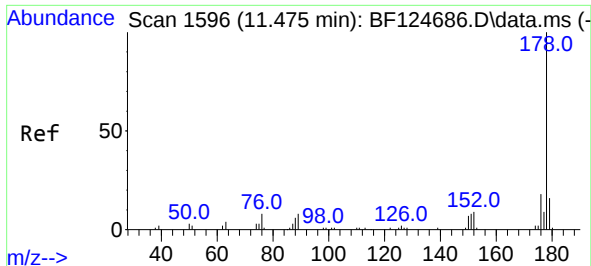


#71
Phenanthrene
Concen: 11.579 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



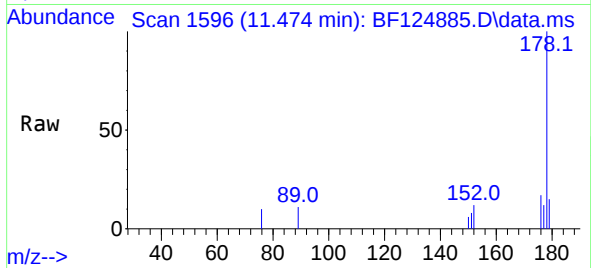
Tgt Ion:178 Resp: 16344
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 14.7 11.5 17.3





#72
 Anthracene
 Concen: 3.766 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF124885.D
 Acq: 30 Jul 2021 20:04

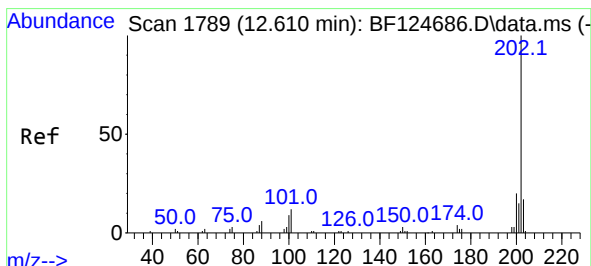
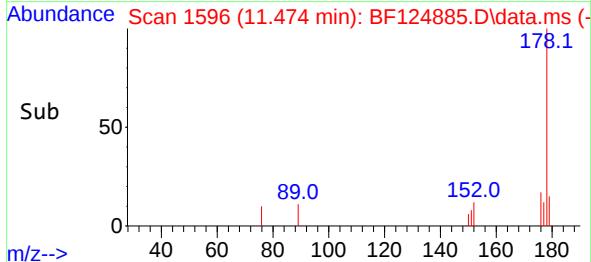
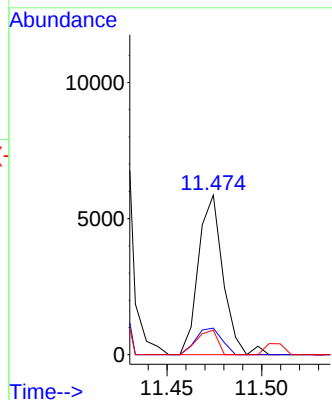
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:178 Resp: 5314
 Ion Ratio Lower Upper
 178 100
 176 16.7 14.3 21.5
 179 15.4 12.2 18.4

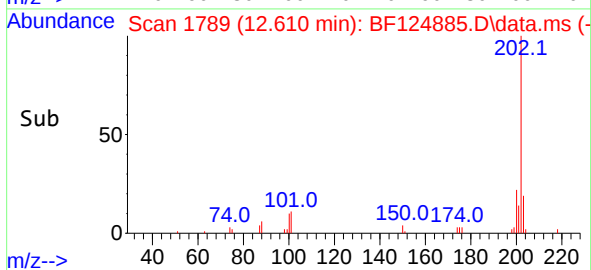
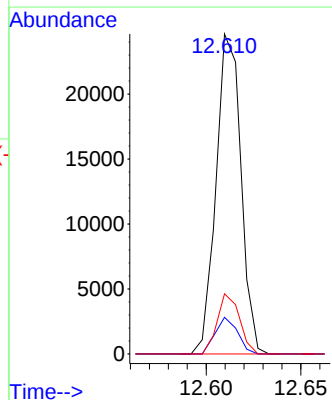
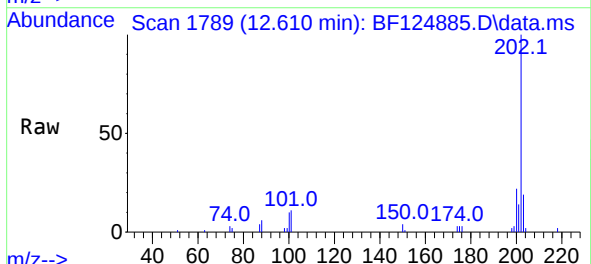
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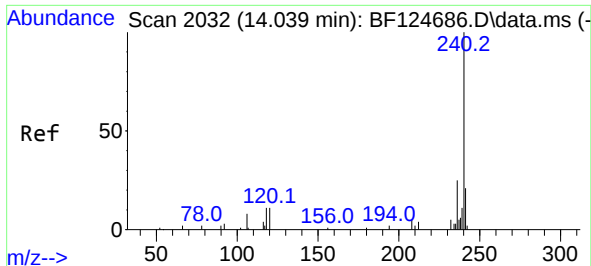
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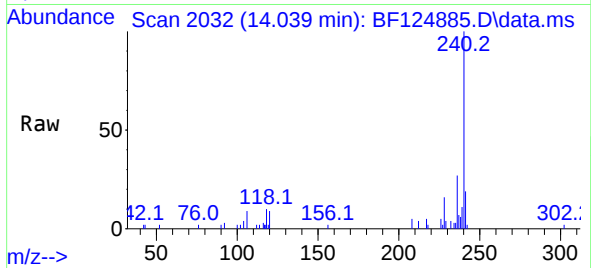
#75
 Fluoranthene
 Concen: 15.636 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF124885.D
 Acq: 30 Jul 2021 20:04

Tgt Ion:202 Resp: 22522
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.7
 203 18.8 0.0 36.3

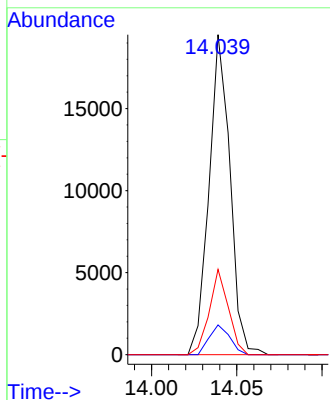




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



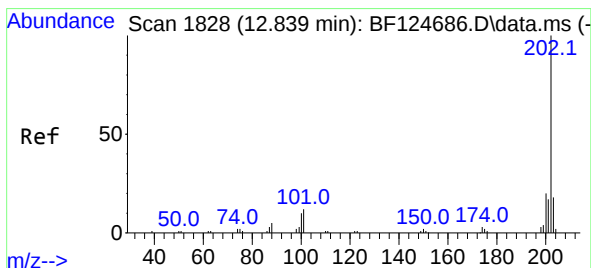
Tgt Ion:240 Resp: 16673
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.7 21.6 32.4



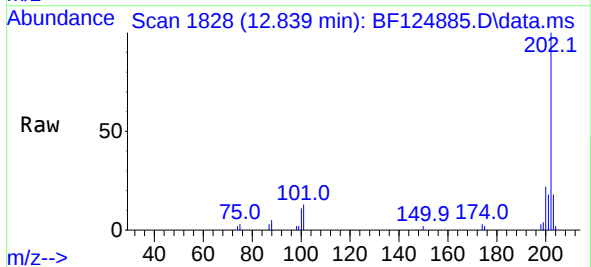
Instrument :
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TR-05-072821

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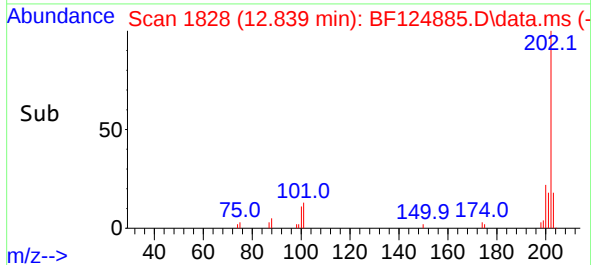
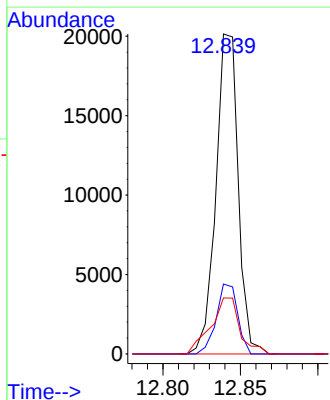
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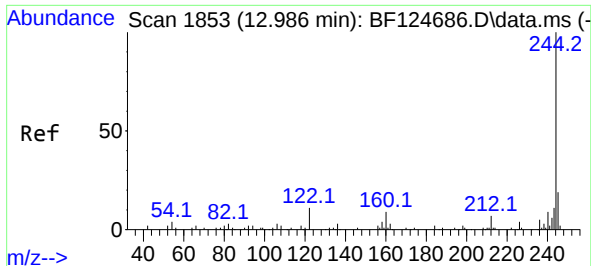


#78
Pyrene
Concen: 15.288 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



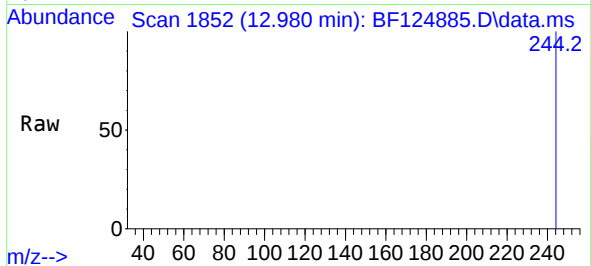
Tgt Ion:202 Resp: 20180
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 17.5 13.4 20.0





#79
Terphenyl-d14
Concen: 0.940 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

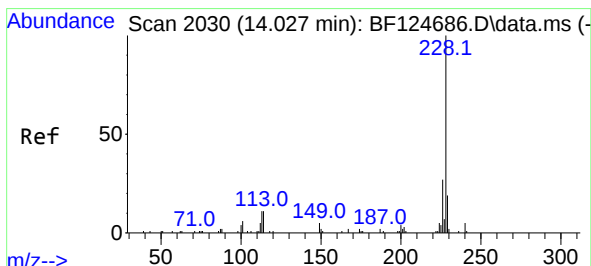
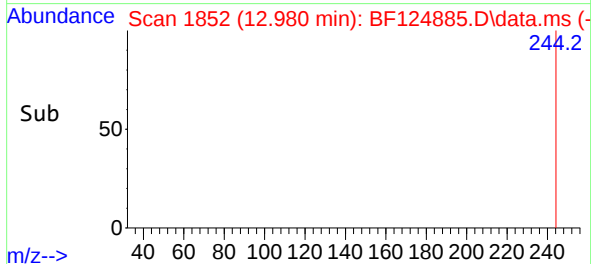
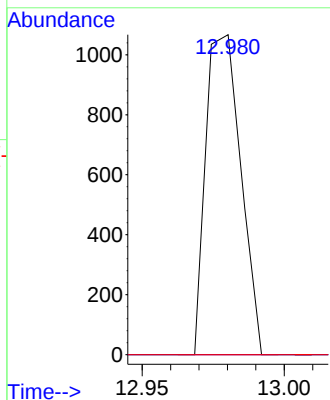
Instrument :
BNA_F
ClientSampleId :
TR-05-072821



Tgt Ion:244 Resp: 914
Ion Ratio Lower Upper
244 100
212 0.0 5.9 8.9#
122 0.0 9.0 13.4#

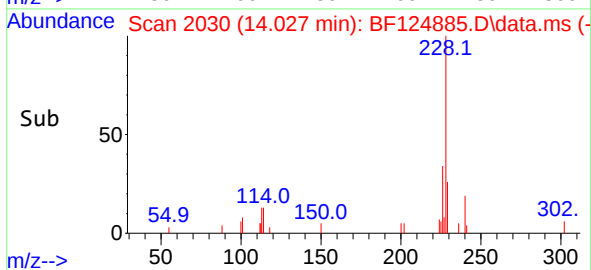
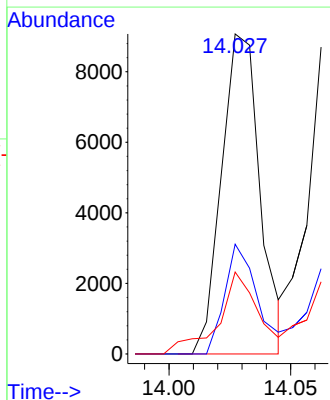
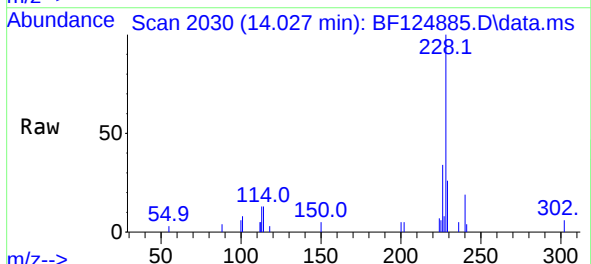
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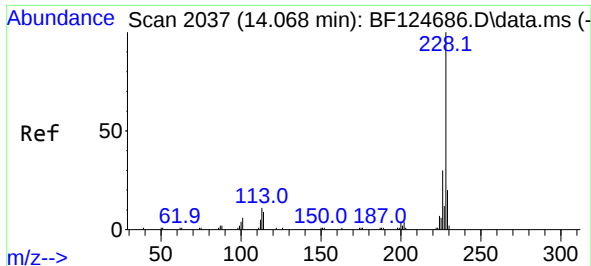
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#81
Benzo(a)anthracene
Concen: 9.180 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion:228 Resp: 10005
Ion Ratio Lower Upper
228 100
226 34.3 21.6 32.4#
229 25.6 15.6 23.4#





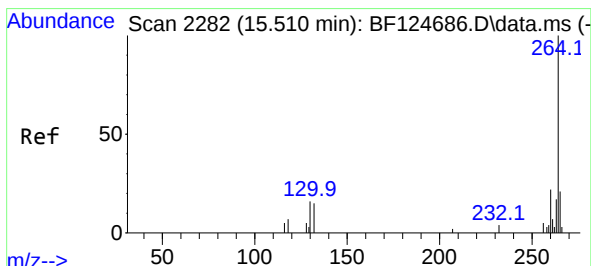
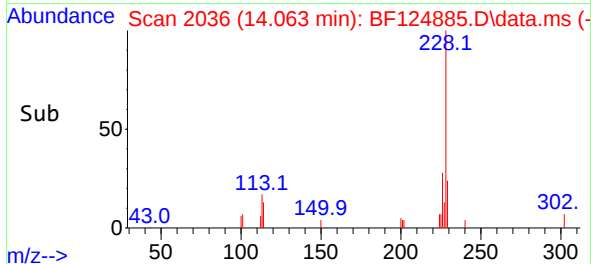
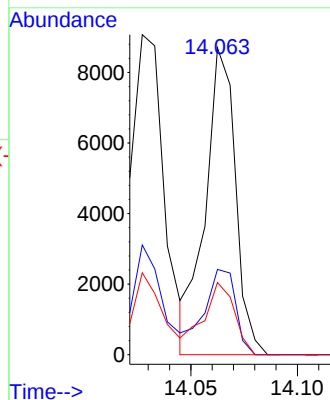
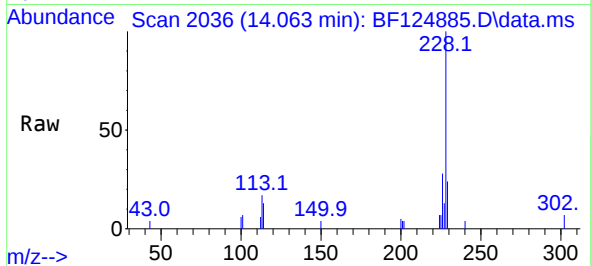
#83
Chrysene
Concen: 8.140 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion:228	Resp:	8547
Ion Ratio	Lower	Upper
228	100	
226	27.8	22.6 34.0
229	23.5	15.9 23.9

Instrument :
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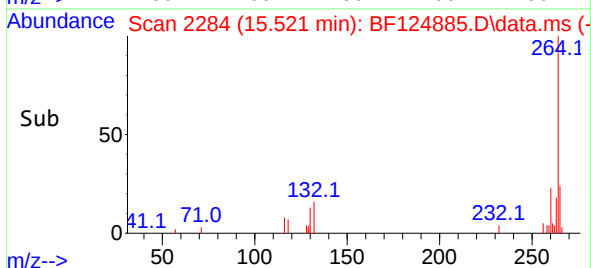
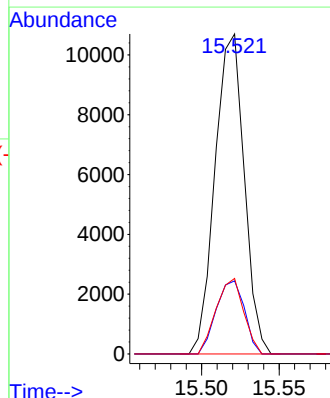
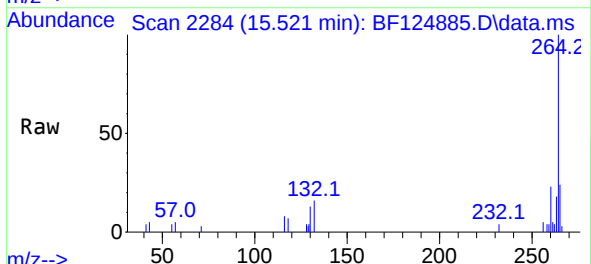
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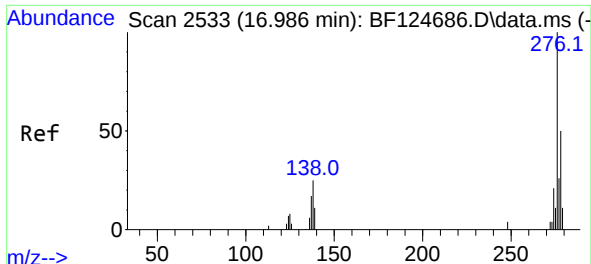
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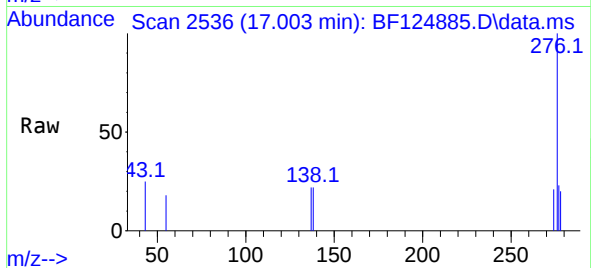
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion:264	Resp:	14035
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.6 29.4
265	23.6	17.2 25.8

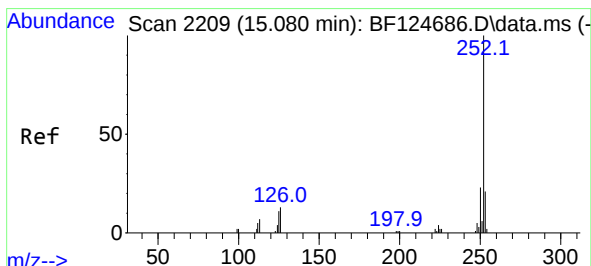
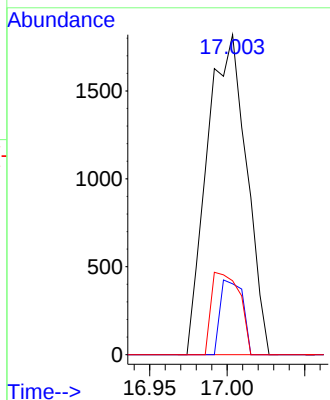
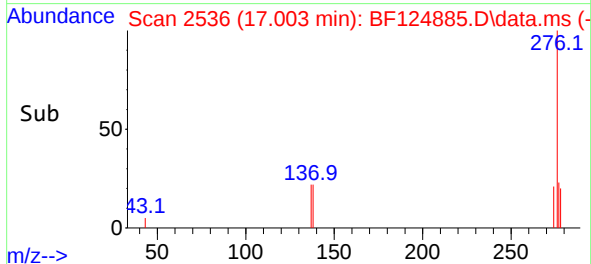




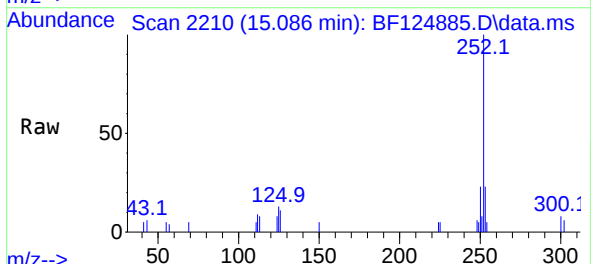
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.960 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.018 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



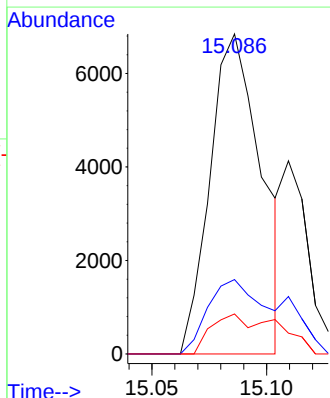
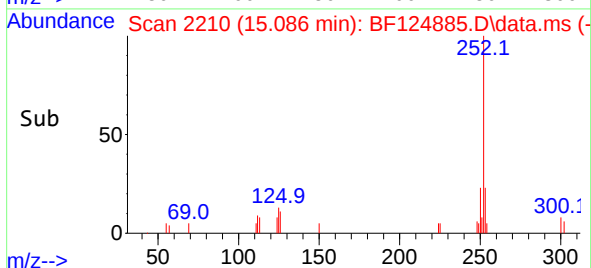
Tgt Ion: 276 Resp: 3209
Ion Ratio Lower Upper
276 100
138 13.2 24.1 36.1#
277 18.4 18.8 28.2#



#88
Benzo(b)fluoranthene
Concen: 10.762 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



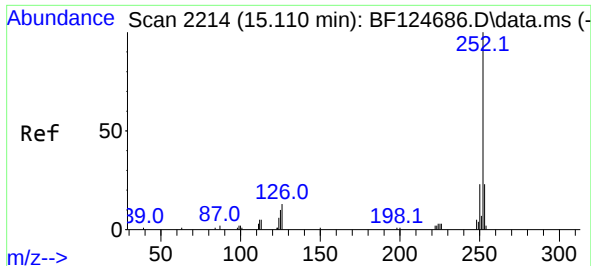
Tgt Ion: 252 Resp: 10635
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 12.5 9.8 14.8



Instrument :
BNA_F
ClientSampled :
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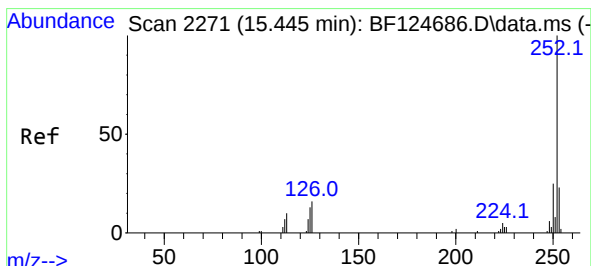
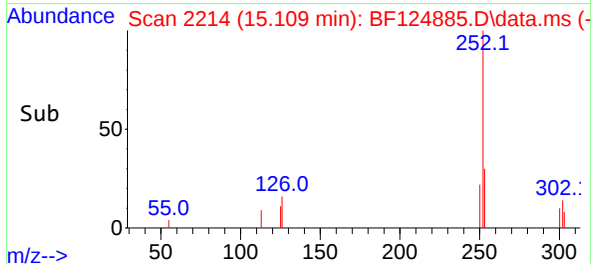
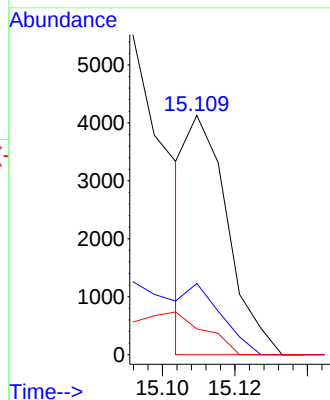
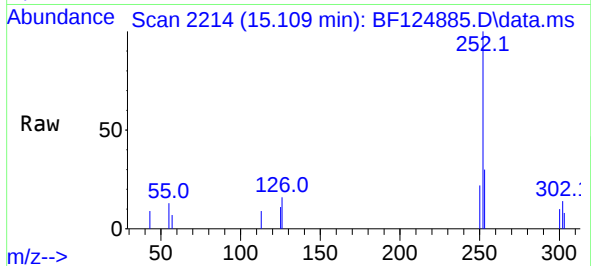
#89
Benzo(k)fluoranthene
Concen: 3.496 ng m
RT: 15.109 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion:252 Resp: 3157
Ion Ratio Lower Upper
252 100
253 29.7 17.8 26.8#
125 10.8 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
TR-05-072821

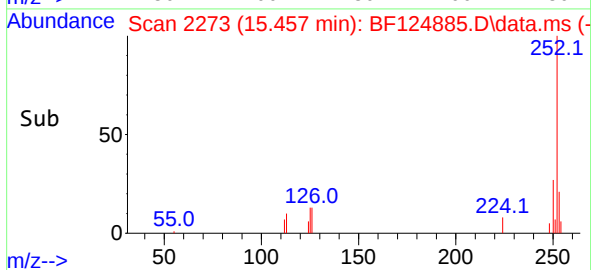
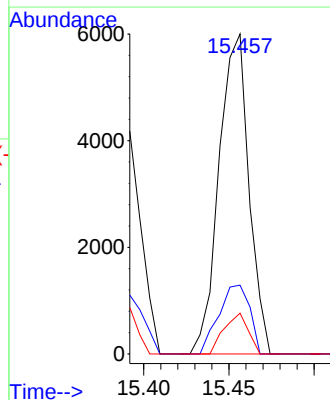
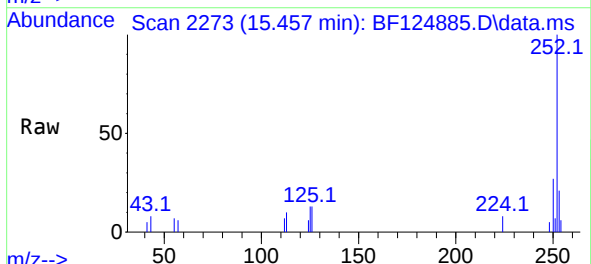
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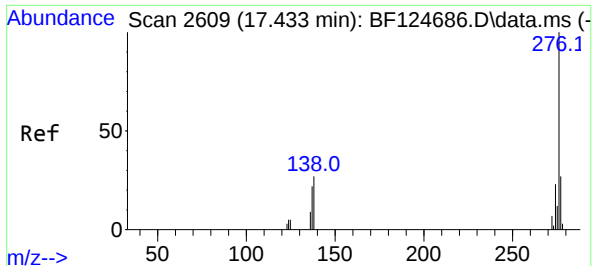
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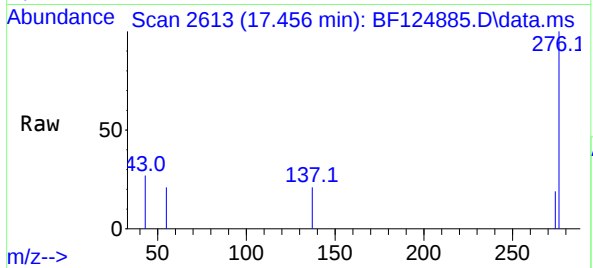
#90
Benzo(a)pyrene
Concen: 8.880 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04

Tgt Ion:252 Resp: 7330
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 12.8 9.9 14.9

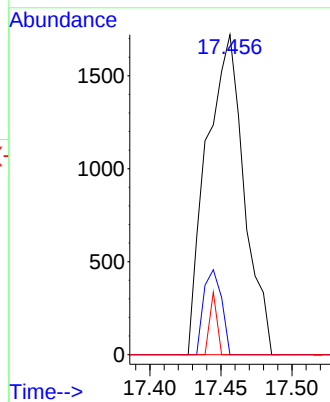
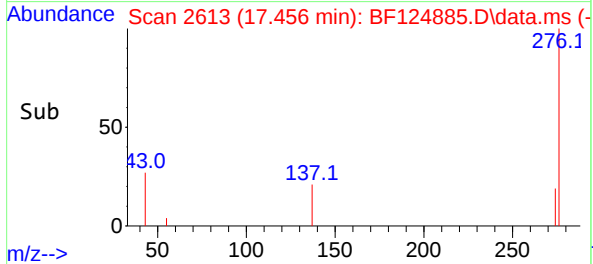




#92
Benzo(g,h,i)perylene
Concen: 4.710 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.023 min
Lab File: BF124885.D
Acq: 30 Jul 2021 20:04



Tgt Ion: 276 Resp: 3168
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 0.0 22.2 33.4#



Instrument :
BNA_F
ClientSampleId :
TR-05-072821

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