

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124882.D
 Acq On : 30 Jul 2021 18:26
 Operator : JU/CG
 Sample : M3210-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(1.0-2.0)

Manual Integrations
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Quant Time: Jul 31 00:07:15 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	6762	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26706	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16204	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27501	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14494	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	13450	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38548	96.522	ng	0.00
7) Phenol-d6	6.498	99	47671	95.214	ng	0.00
23) Nitrobenzene-d5	7.433	82	33553	74.777	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	14088	101.260	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	73034	66.199	ng	0.00
79) Terphenyl-d14	12.986	244	64496	76.277	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	23962	16.200	ng	96
72) Anthracene	11.469	178	5387	3.643	ng	96
75) Fluoranthene	12.615	202	31364	20.779	ng	96
78) Pyrene	12.839	202	24580	21.421	ng	97
81) Benzo(a)anthracene	14.027	228	12544	13.240	ng	97
83) Chrysene	14.062	228	10808	11.841	ng	96
87) Indeno(1,2,3-cd)pyrene	17.003	276	6036	7.773	ng	# 88
88) Benzo(b)fluoranthene	15.086	252	16547m	17.473	ng	
89) Benzo(k)fluoranthene	15.109	252	4226m	4.884	ng	
90) Benzo(a)pyrene	15.456	252	10677	13.497	ng	96
91) Dibenzo(a,h)anthracene	17.003	278	1732	2.548	ng	# 54
92) Benzo(g,h,i)perylene	17.450	276	5334	8.275	ng	94

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

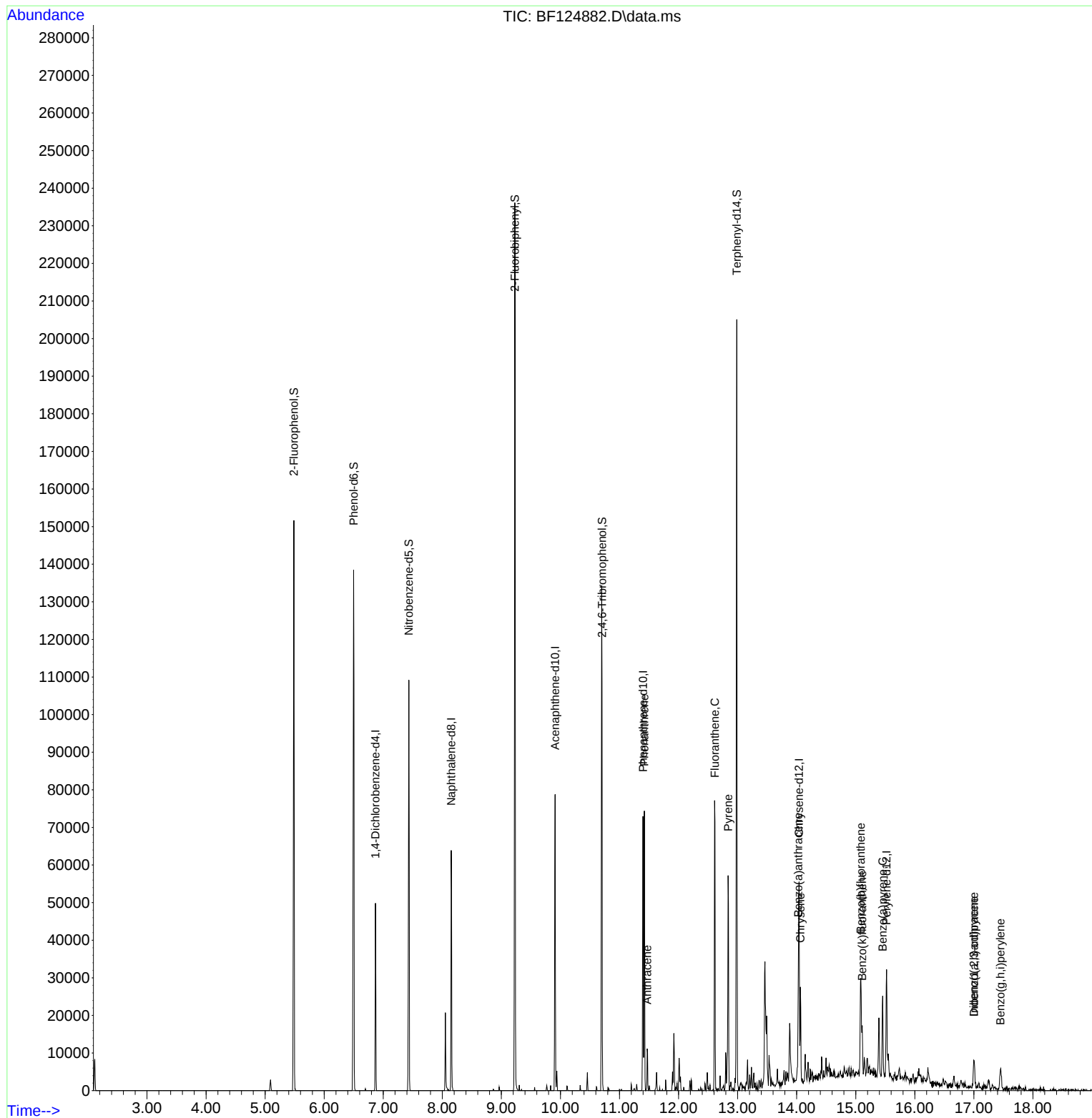
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124882.D
Acq On : 30 Jul 2021 18:26
Operator : JU/CG
Sample : M3210-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

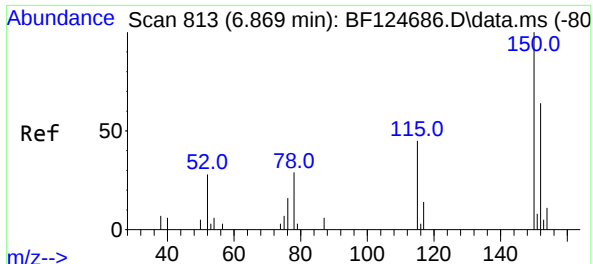
Instrument :
BNA_F
ClientSampled :
SB-4(1.0-2.0)

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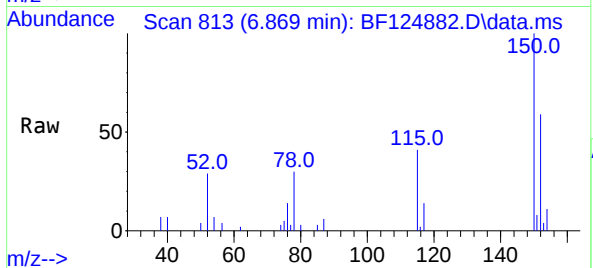
Quant Time: Jul 31 00:07:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

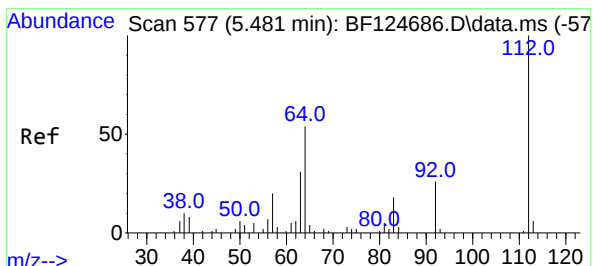
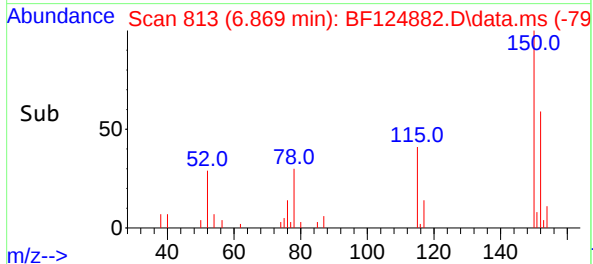
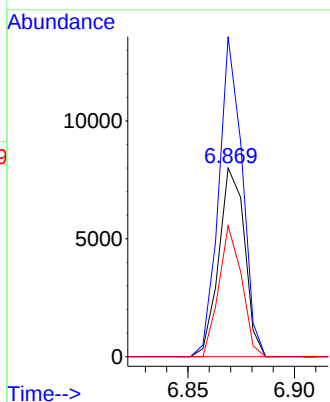
Instrument :
BNA_F
ClientSampled :
SB-4(1.0-2.0)



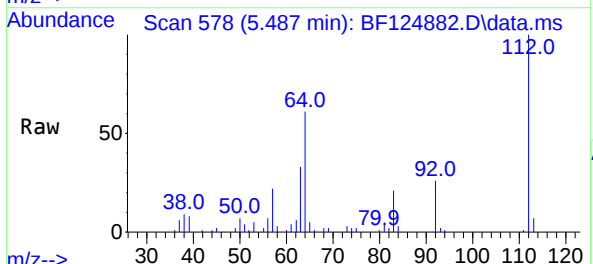
Tgt Ion:152 Resp: 6762
Ion Ratio Lower Upper
152 100
150 169.6 117.6 176.4
115 69.5 47.1 70.7

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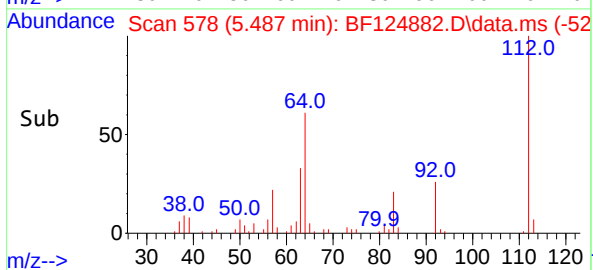
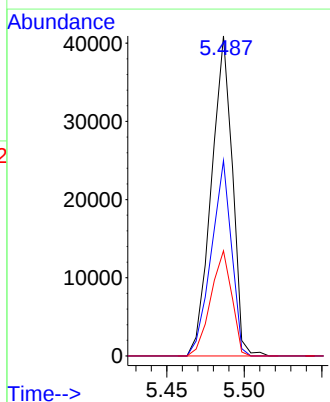
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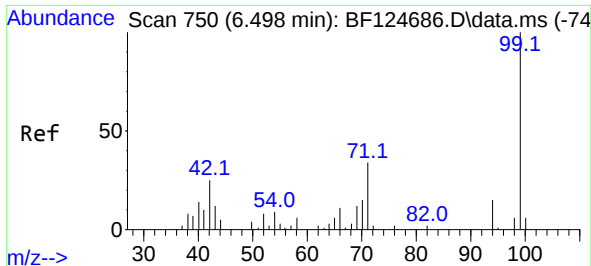


#5
2-Fluorophenol
Concen: 96.522 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26



Tgt Ion:112 Resp: 38548
Ion Ratio Lower Upper
112 100
64 61.1 44.2 66.2
63 32.9 26.2 39.2





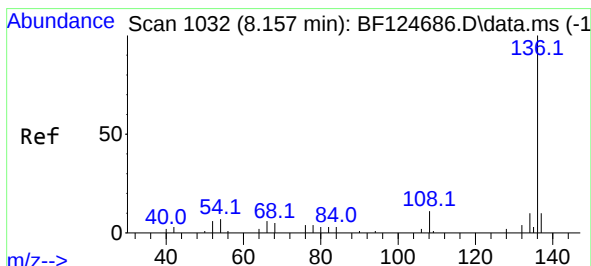
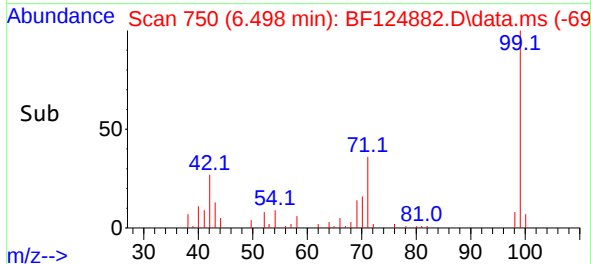
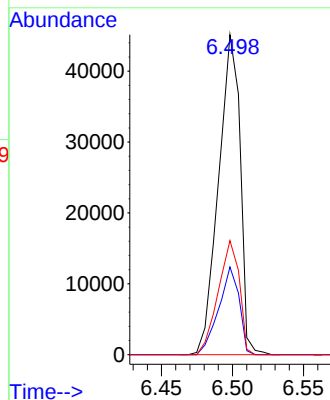
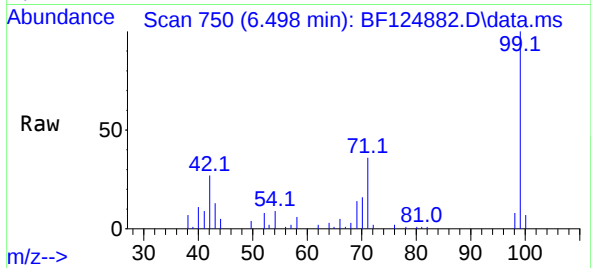
#7
Phenol-d6
Concen: 95.214 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion: 99	Resp: 47671
Ion Ratio	Lower Upper
99 100	
42 27.4	23.5 35.3
71 35.7	25.6 38.4

Instrument :
BNA_F
ClientSampled :
SB-4(1.0-2.0)

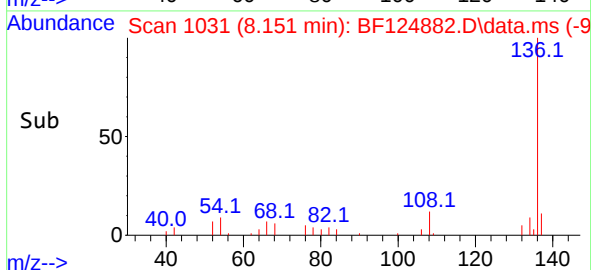
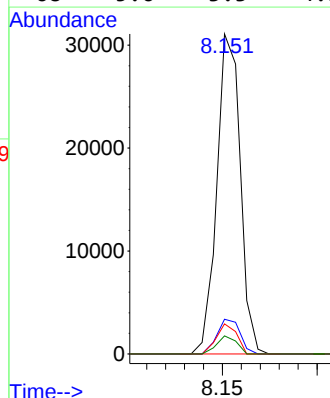
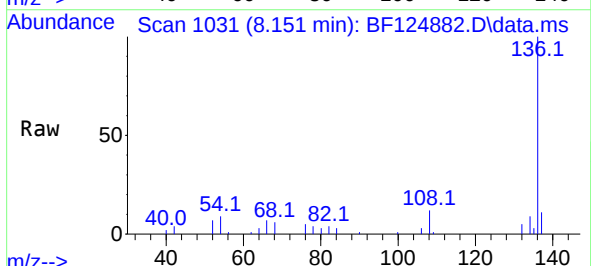
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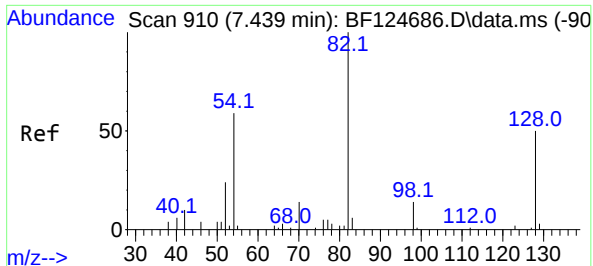
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt	Ion:136	Resp:	26706
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.4	6.4	9.6
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 74.777 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124882.D

Acq: 30 Jul 2021 18:26

Tgt Ion:	82	Resp:	33553
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	60.8
54	57.1	49.6	74.4

Instrument :

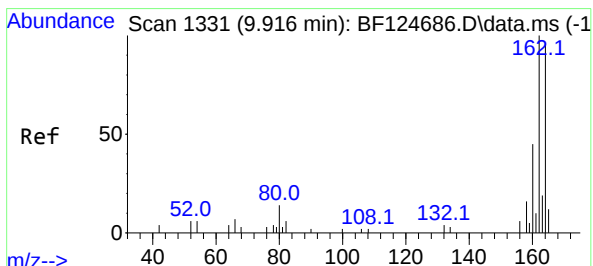
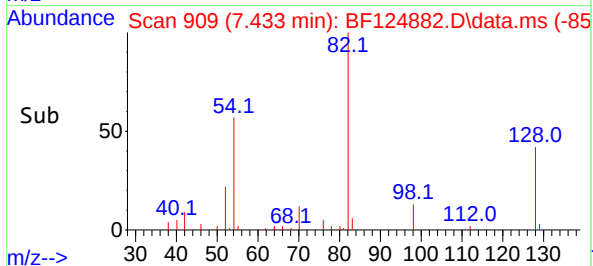
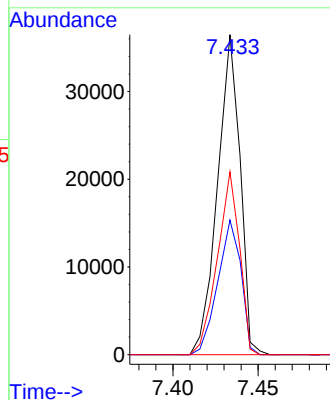
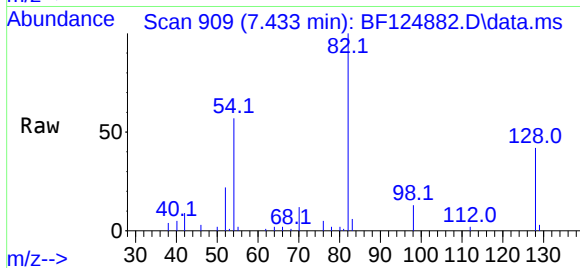
BNA_F

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

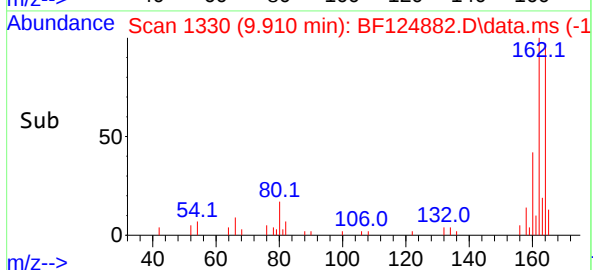
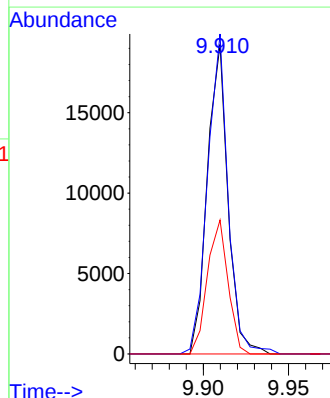
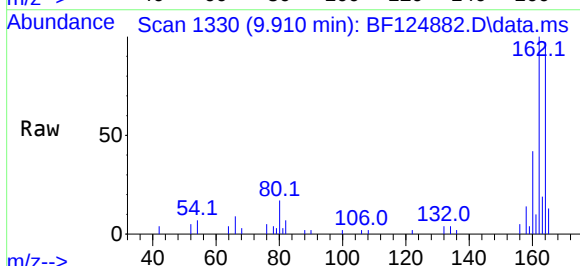
RT: 9.910 min Scan# 1330

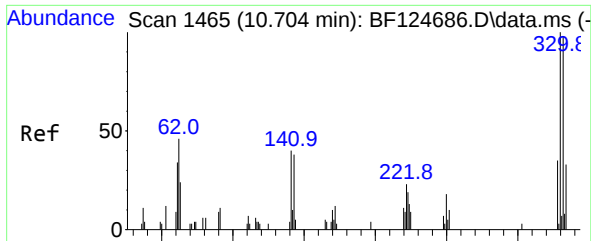
Delta R.T. -0.006 min

Lab File: BF124882.D

Acq: 30 Jul 2021 18:26

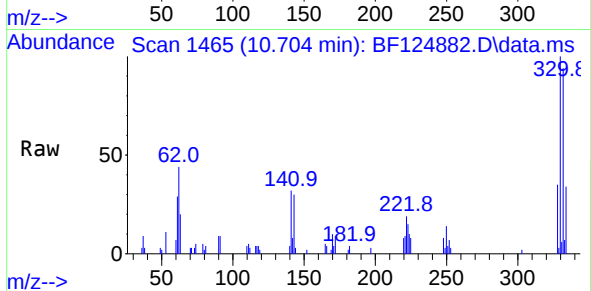
Tgt Ion:	164	Resp:	16204
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	43.3	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 101.260 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

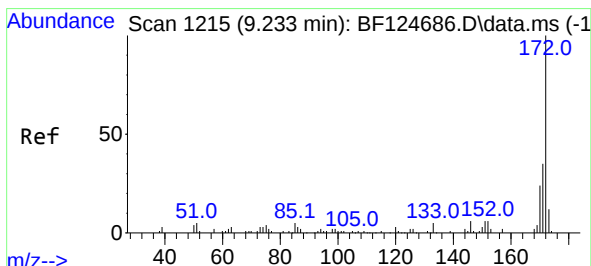
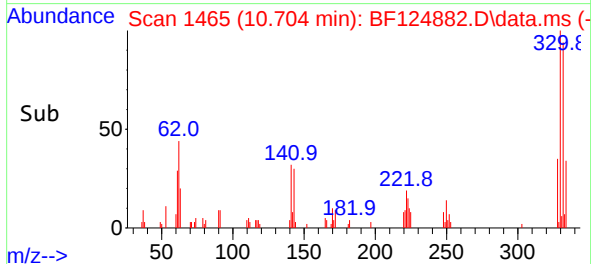
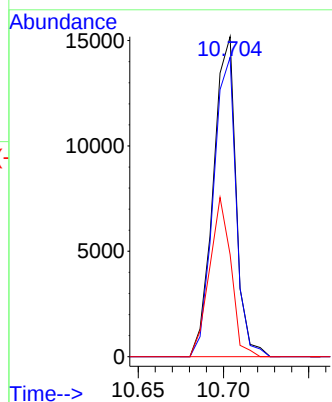
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BNA_F
ClientSampleID :
SB-4(1.0-2.0)



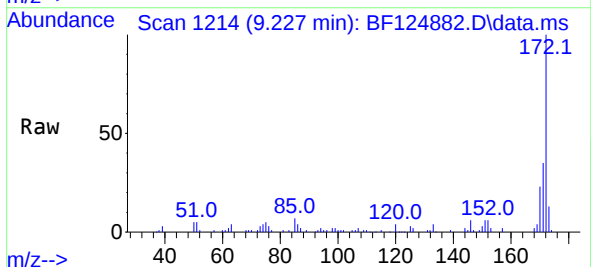
Tgt Ion:330 Resp: 14088
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 46.9 44.6 66.8

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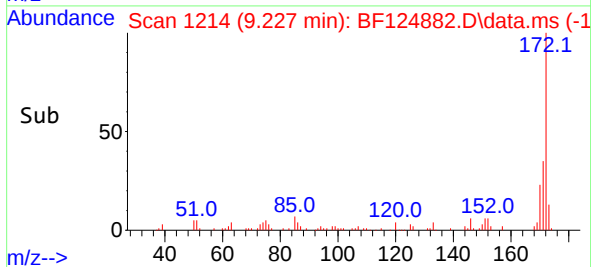
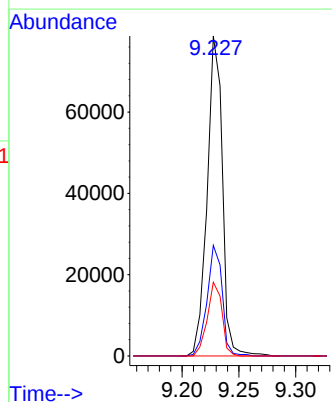
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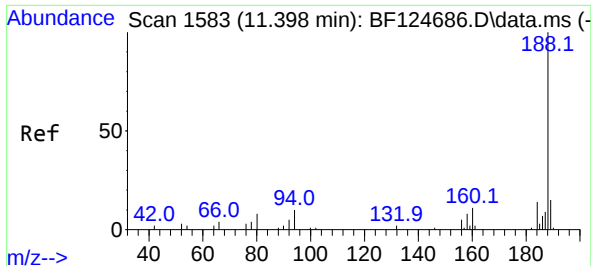


#45
2-Fluorobiphenyl
Concen: 66.199 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26



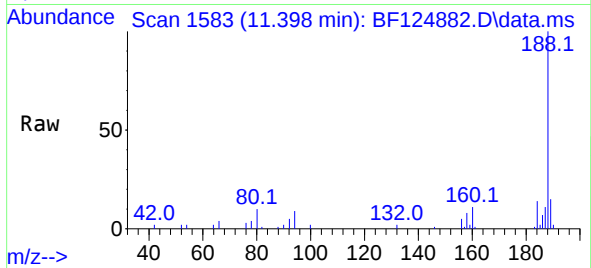
Tgt Ion:172 Resp: 73034
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

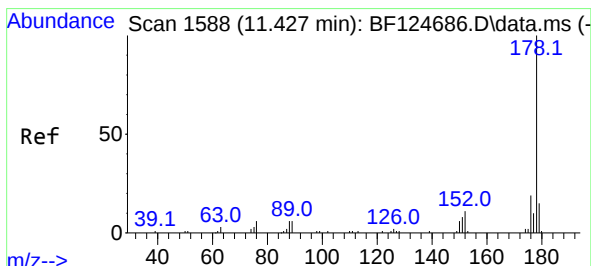
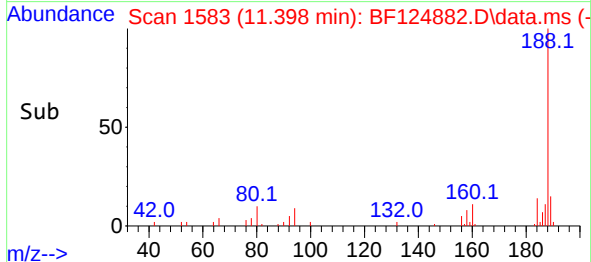
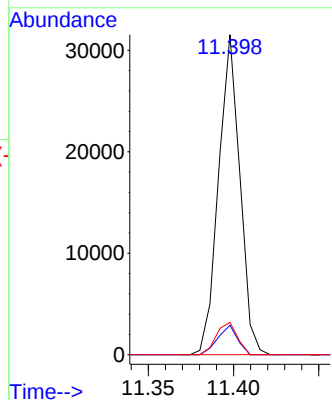
Instrument :
BNA_F
ClientSampleId :
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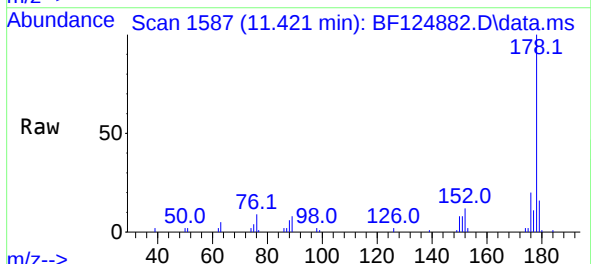
Tgt Ion:188 Resp: 27501
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.1 7.5 11.3

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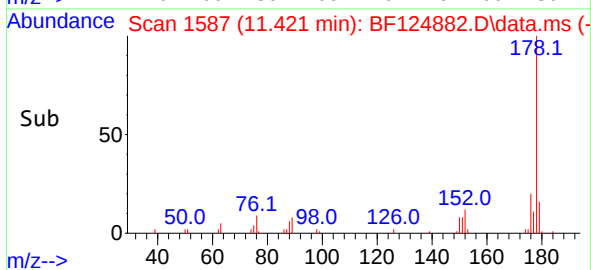
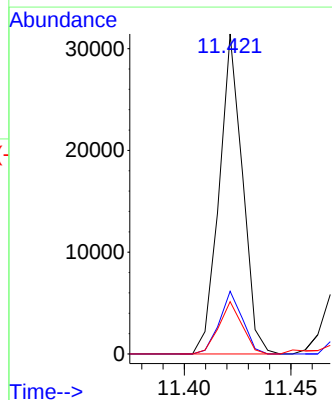
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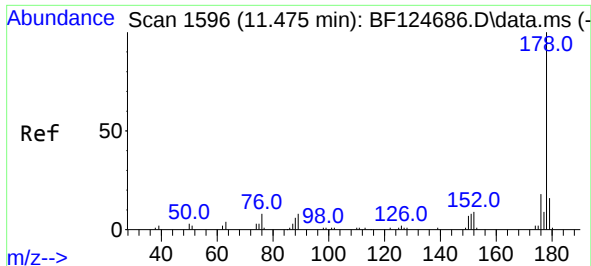


#71
Phenanthrene
Concen: 16.200 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26



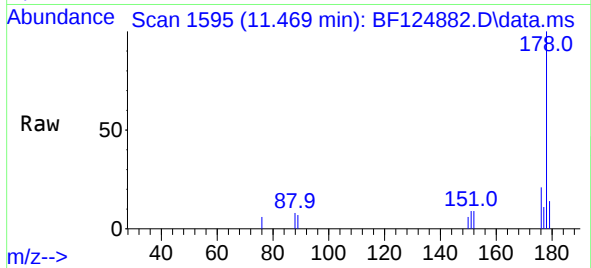
Tgt Ion:178 Resp: 23962
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 16.3 11.5 17.3





#72
 Anthracene
 Concen: 3.643 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF124882.D
 Acq: 30 Jul 2021 18:26

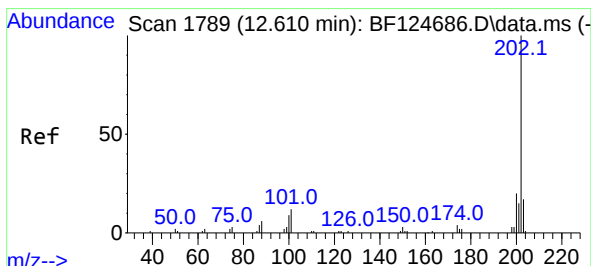
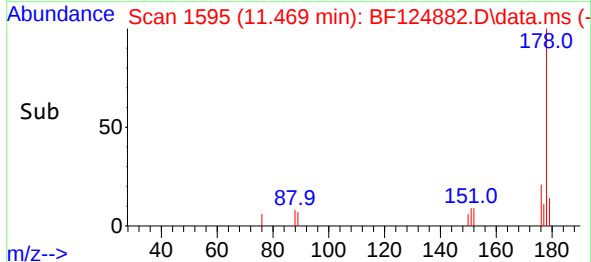
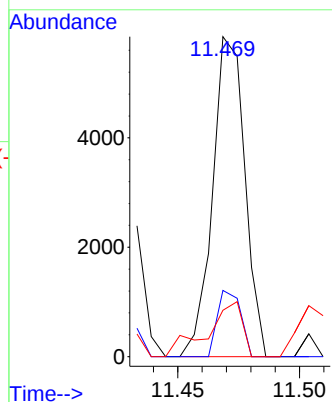
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(1.0-2.0)



Tgt Ion:178 Resp: 5387
 Ion Ratio Lower Upper
 178 100
 176 20.7 14.3 21.5
 179 14.5 12.2 18.4

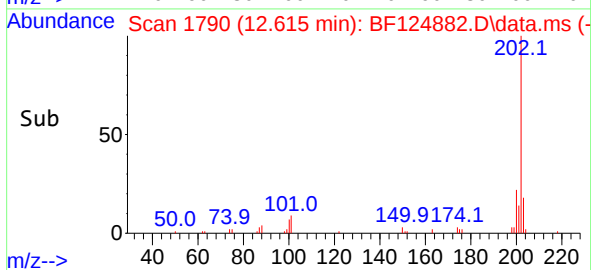
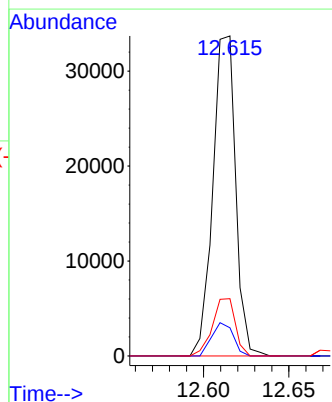
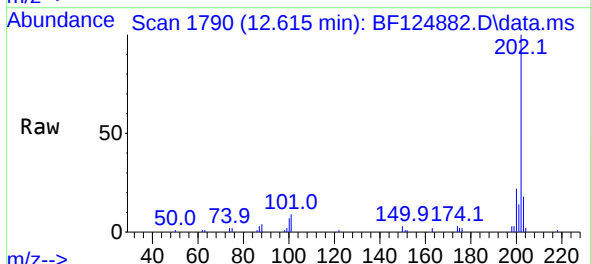
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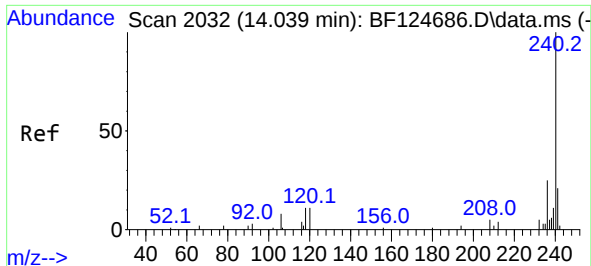
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#75
 Fluoranthene
 Concen: 20.779 ng
 RT: 12.615 min Scan# 1790
 Delta R.T. 0.006 min
 Lab File: BF124882.D
 Acq: 30 Jul 2021 18:26

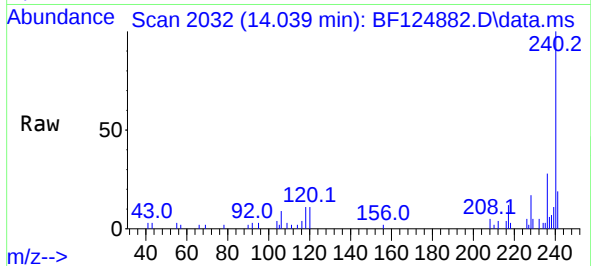
Tgt Ion:202 Resp: 31364
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.7
 203 17.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

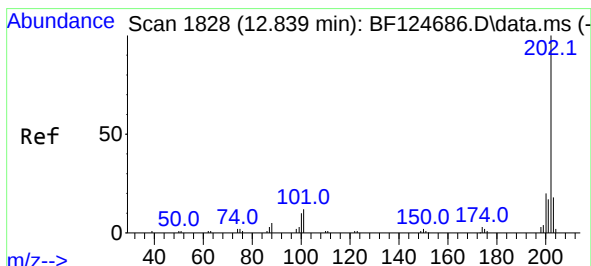
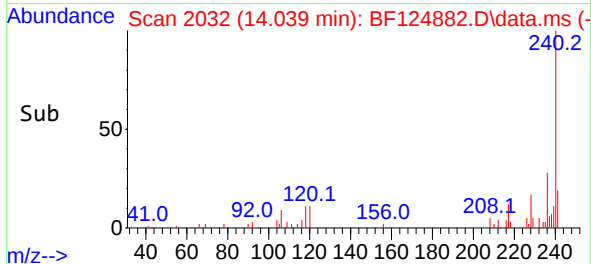
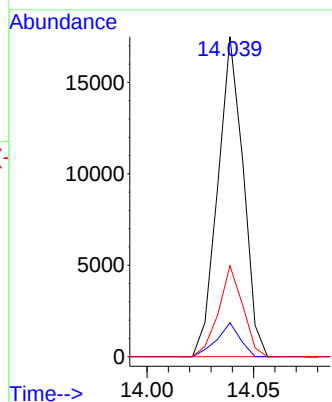
Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)



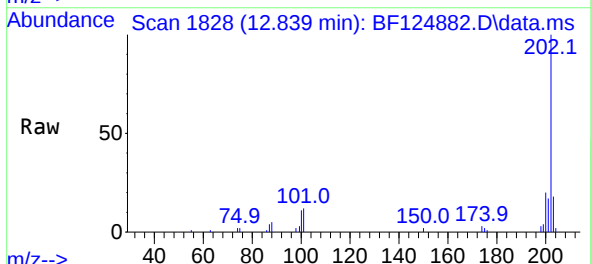
Tgt Ion:240 Resp: 14494
Ion Ratio Lower Upper
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120 10.6 10.8 16.2#
236 28.4 21.6 32.4

Manual Integrations
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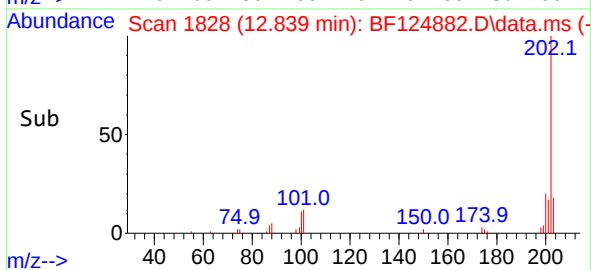
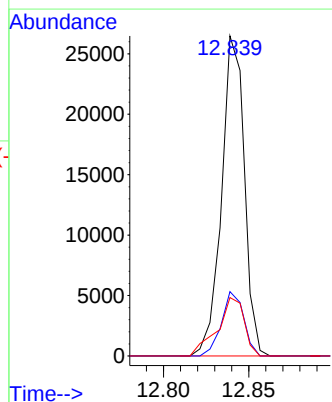
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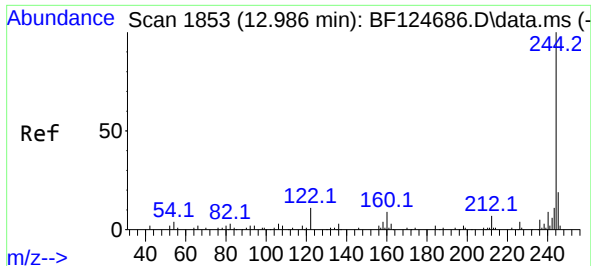


#78
Pyrene
Concen: 21.421 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

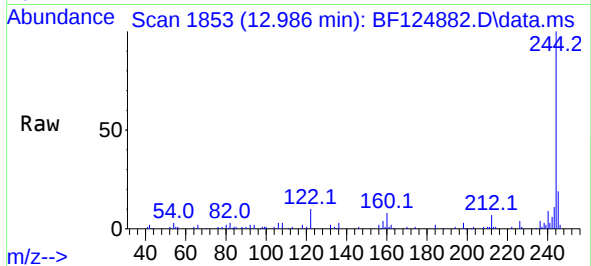


Tgt Ion:202 Resp: 24580
Ion Ratio Lower Upper
202 100
200 20.1 15.3 22.9
203 18.3 13.4 20.0

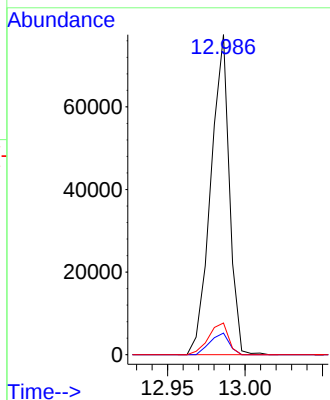
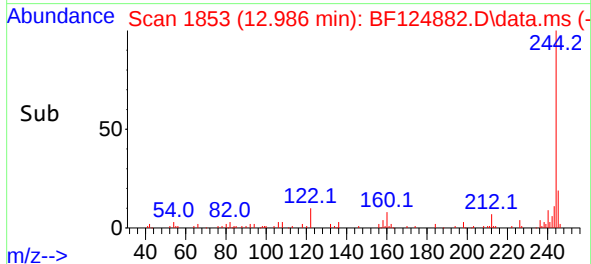




#79
Terphenyl-d14
Concen: 76.277 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26



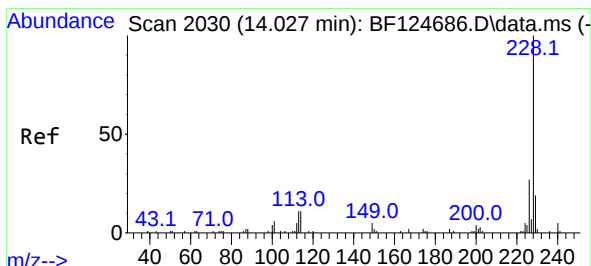
Tgt Ion:244 Resp: 64496
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.9 9.0 13.4



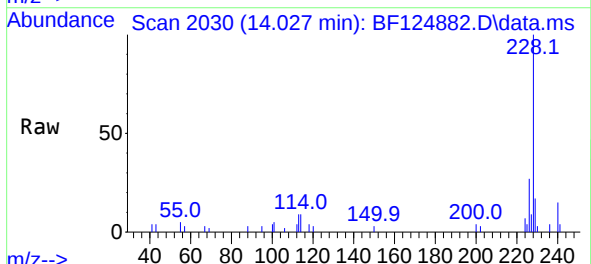
Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

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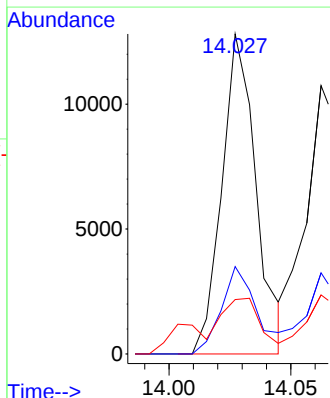
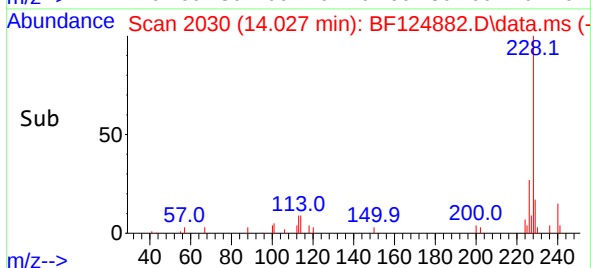
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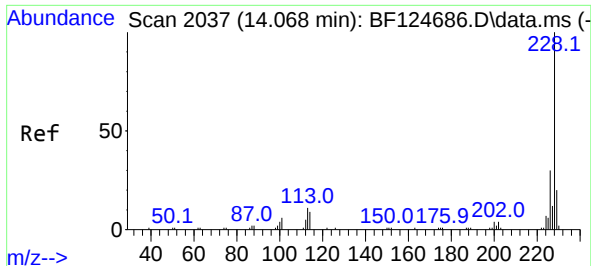


#81
Benzo(a)anthracene
Concen: 13.240 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26



Tgt Ion:228 Resp: 12544
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 17.0 15.6 23.4





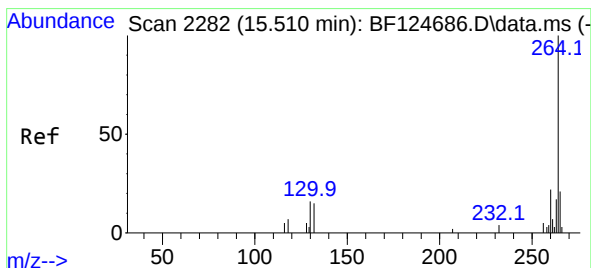
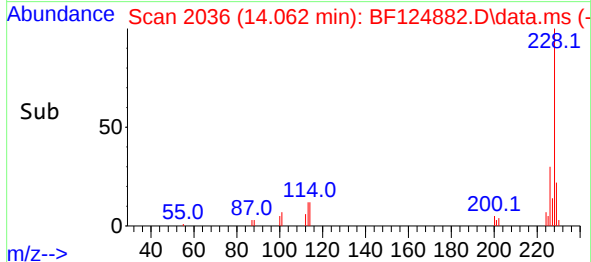
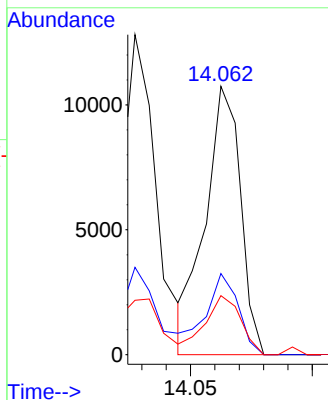
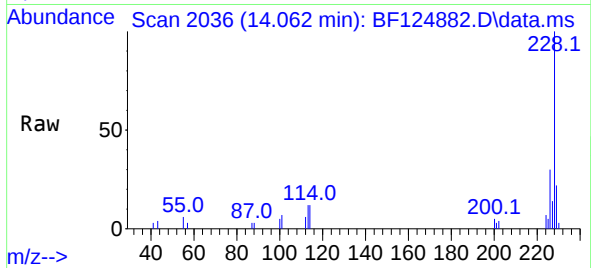
#83
Chrysene
Concen: 11.841 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion:228	Resp: 10808
Ion Ratio	Lower Upper
228 100	
226 30.2	22.6 34.0
229 22.0	15.9 23.9

Instrument :
BNA_F
ClientSampleId :
SB-4(1.0-2.0)

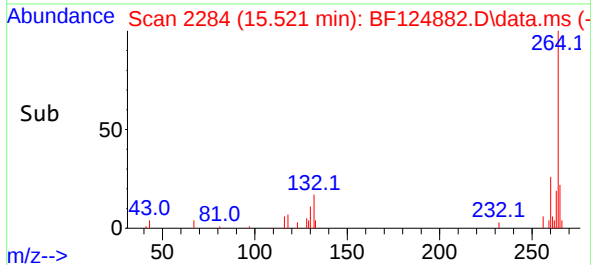
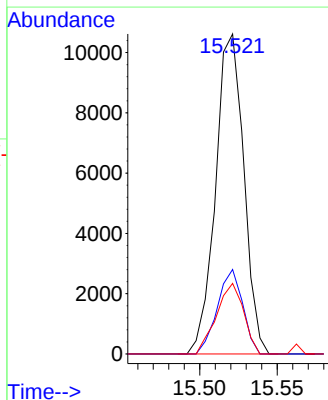
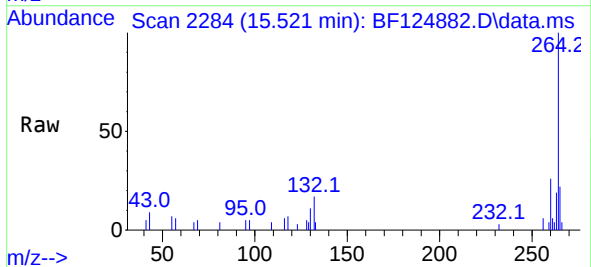
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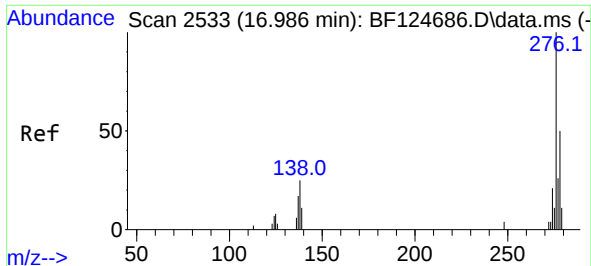
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8/2/2021 3:44:51 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion:264	Resp: 13450
Ion Ratio	Lower Upper
264 100	
260 26.4	19.6 29.4
265 22.0	17.2 25.8





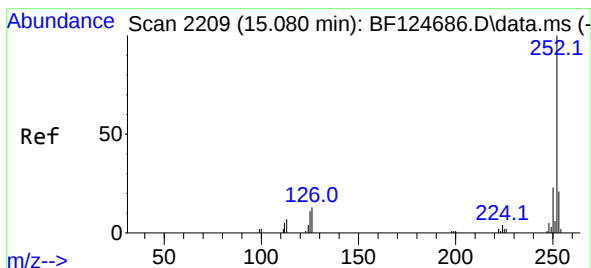
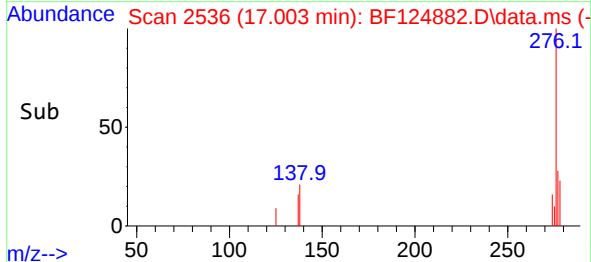
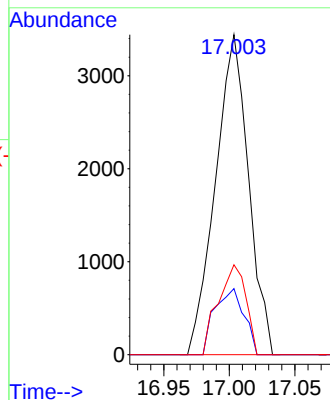
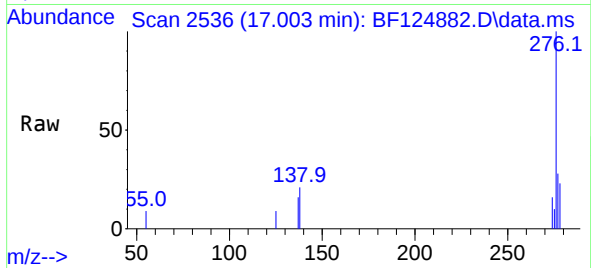
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.773 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.018 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion: 276 Resp: 6036
Ion Ratio Lower Upper
276 100
138 18.3 24.1 36.1#
277 23.6 18.8 28.2

Instrument :
BNA_F
ClientSampled :
SB-4(1.0-2.0)

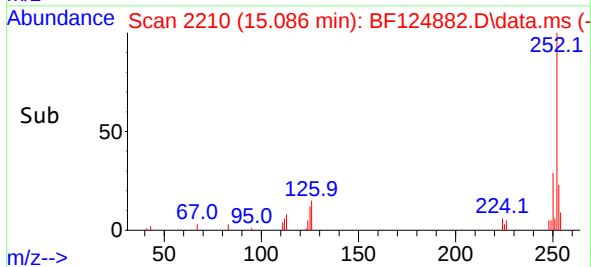
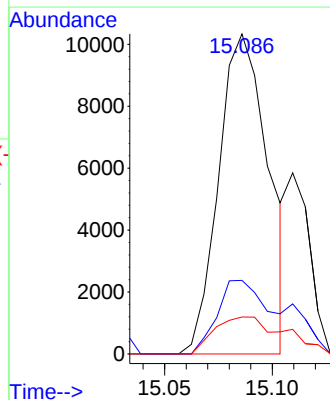
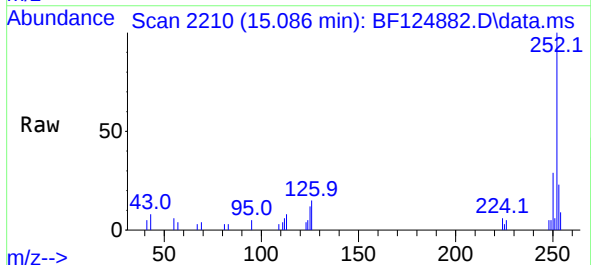
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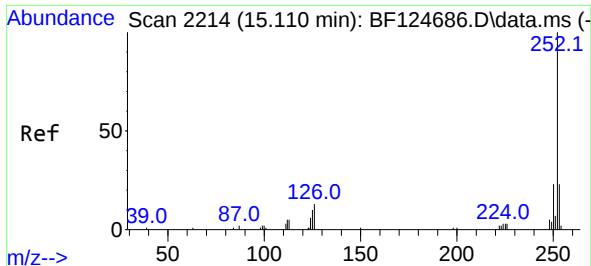
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8/2/2021 3:44:51 PM



#88
Benzo(b)fluoranthene
Concen: 17.473 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion: 252 Resp: 16547
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 11.6 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 4.884 ng m

RT: 15.109 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF124882.D

Acq: 30 Jul 2021 18:26

Tgt Ion:252	Resp:	4226
Ion Ratio	Lower	Upper
252	100	
253	27.7	17.8 26.8#
125	13.6	7.2 10.8#

Instrument :

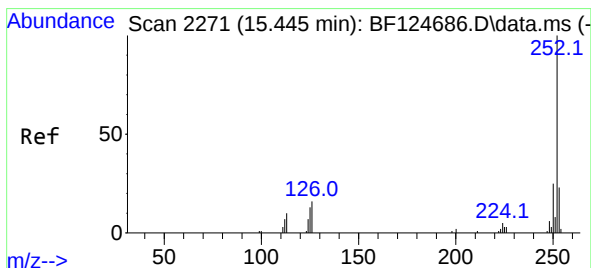
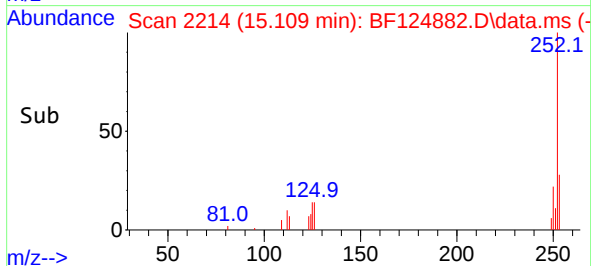
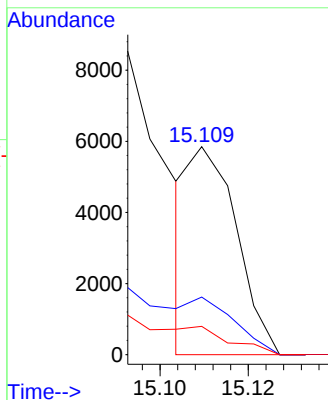
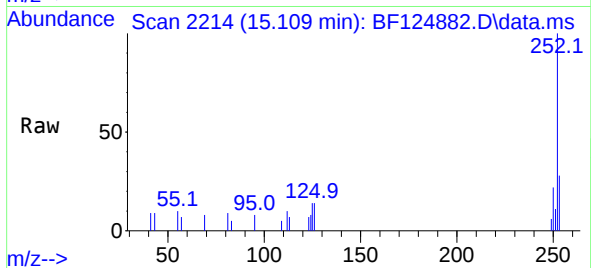
BNA_F

ClientSampleId :

SB-4(1.0-2.0)

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8/2/2021 3:44:51 PM



#90

Benzo(a)pyrene

Concen: 13.497 ng

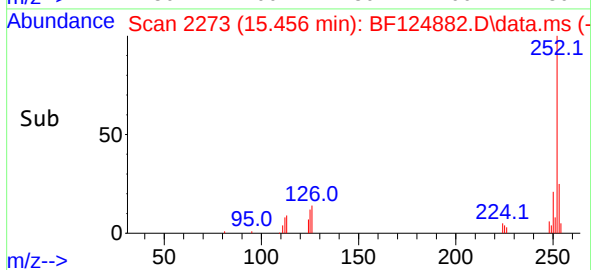
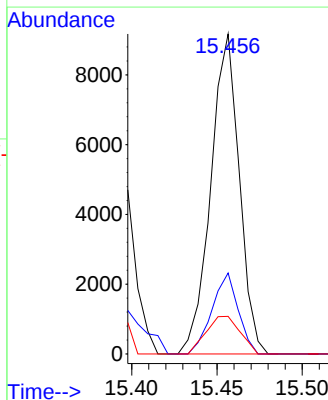
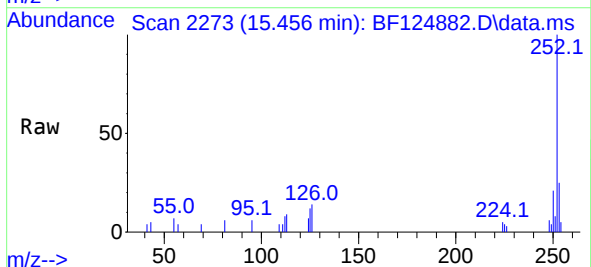
RT: 15.456 min Scan# 2273

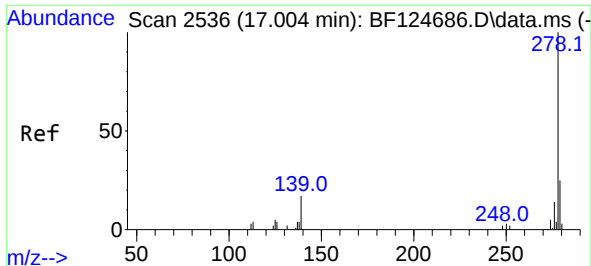
Delta R.T. 0.012 min

Lab File: BF124882.D

Acq: 30 Jul 2021 18:26

Tgt Ion:252	Resp:	10677
Ion Ratio	Lower	Upper
252	100	
253	25.3	18.4 27.6
125	11.7	9.9 14.9





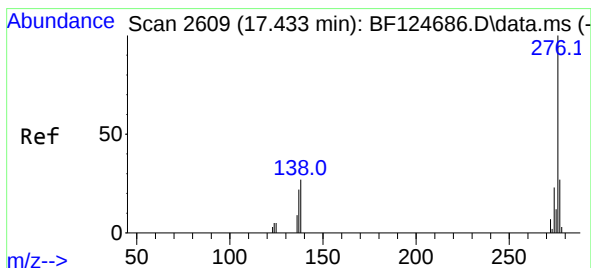
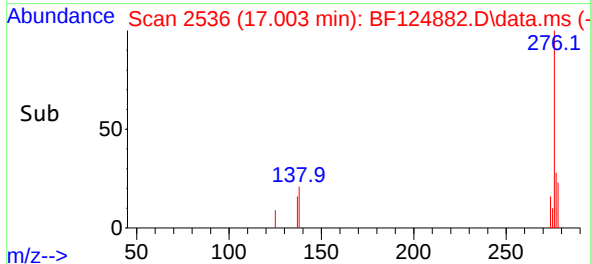
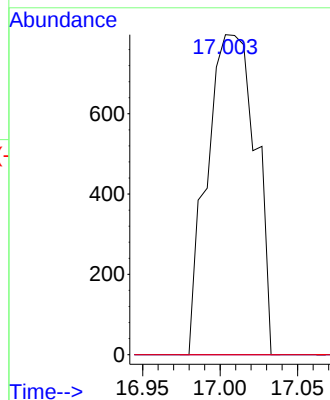
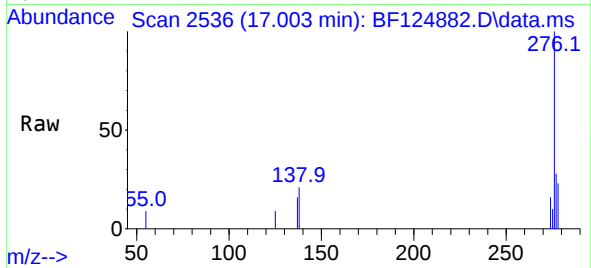
#91
Dibenzo(a,h)anthracene
Concen: 2.548 ng
RT: 17.003 min Scan# 2536
Delta R.T. -0.000 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion: 278 Resp: 1732
Ion Ratio Lower Upper
278 100
139 0.0 14.9 22.3#
279 0.0 19.7 29.5#

Instrument :
BNA_F
ClientSampled :
SB-4(1.0-2.0)

Manual Integrations
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8/2/2021 3:44:51 PM



#92
Benzo(g,h,i)perylene
Concen: 8.275 ng
RT: 17.450 min Scan# 2612
Delta R.T. 0.018 min
Lab File: BF124882.D
Acq: 30 Jul 2021 18:26

Tgt Ion: 276 Resp: 5334
Ion Ratio Lower Upper
276 100
277 29.0 22.0 33.0
138 23.4 22.2 33.4

