

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124878.D
 Acq On : 30 Jul 2021 16:12
 Operator : JU/CG
 Sample : M3210-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(1.0-1.5)

Manual Integrations
 APPROVED

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Quant Time: Jul 30 17:24:43 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	6701	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25972	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16014	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	29195	20.000	ng	0.00
76) Chrysene-d12	14.039	240	16644	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	14012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56272	142.184	ng	0.01
7) Phenol-d6	6.504	99	71174	143.451	ng	0.00
23) Nitrobenzene-d5	7.439	82	50314	115.300	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	22612	164.456	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	105463	96.727	ng	0.00
79) Terphenyl-d14	12.986	244	114810	118.242	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	3755	2.391	ng	# 93
75) Fluoranthene	12.610	202	7693	4.801	ng	95
78) Pyrene	12.839	202	6504m	4.936	ng	
81) Benzo(a)anthracene	14.027	228	3072	2.824	ng	98
83) Chrysene	14.063	228	2827m	2.697	ng	
88) Benzo(b)fluoranthene	15.074	252	3827m	3.879	ng	
90) Benzo(a)pyrene	15.445	252	2352	2.854	ng	# 81

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

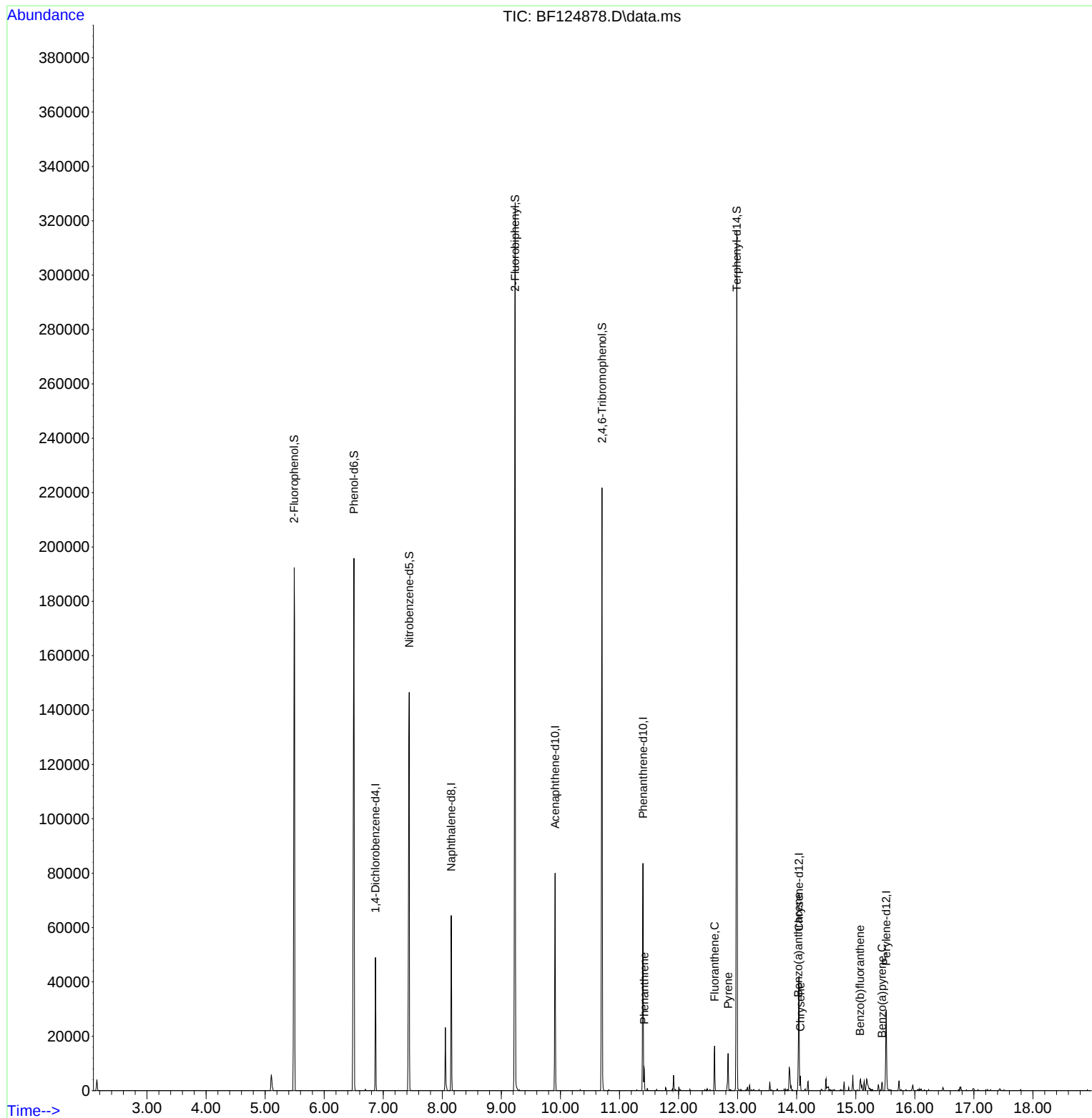
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124878.D
Acq On : 30 Jul 2021 16:12
Operator : JU/CG
Sample : M3210-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

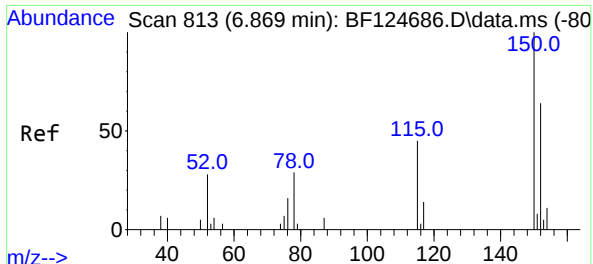
Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)

Manual Integrations
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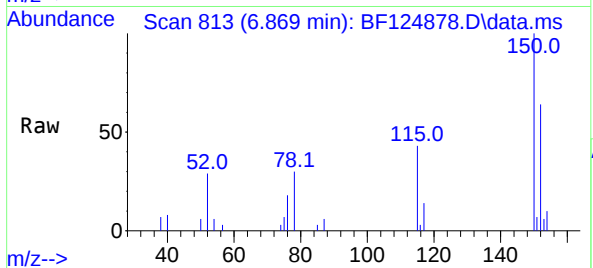
Quant Time: Jul 30 17:24:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

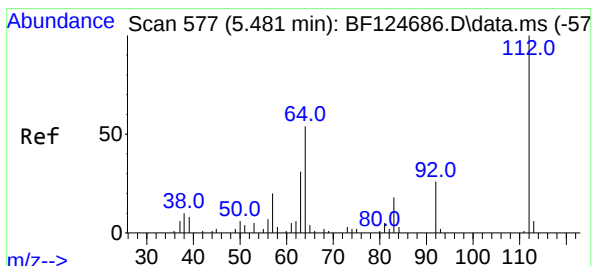
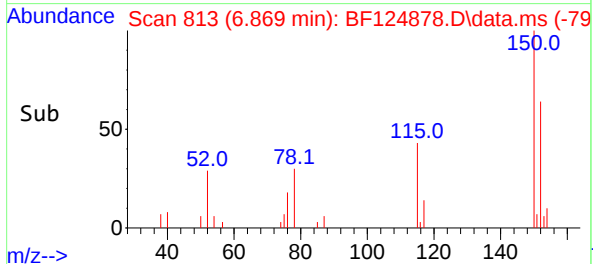
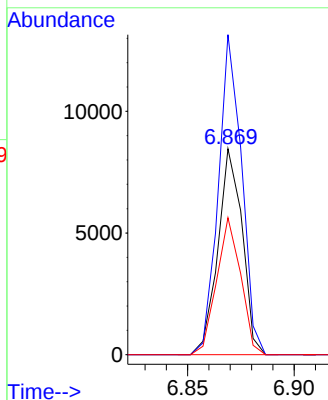
Instrument :
BNA_F
ClientSampled :
SB-2(1.0-1.5)



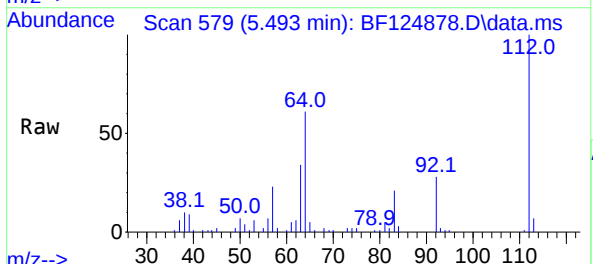
Tgt Ion:152 Resp: 6701
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 66.5 47.1 70.7

Manual Integrations
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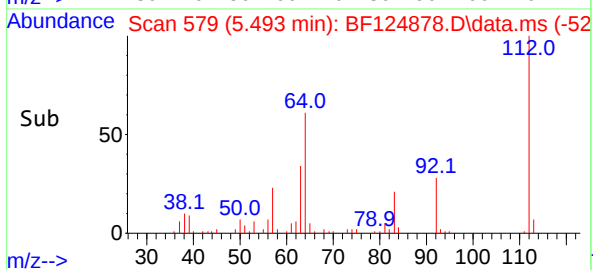
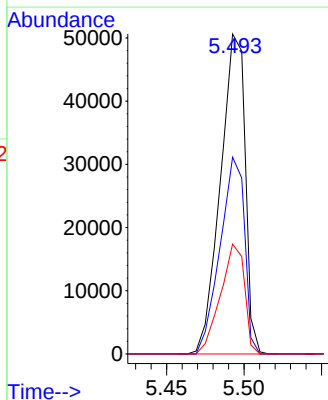
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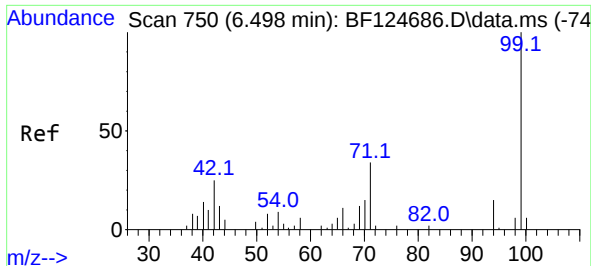


#5
2-Fluorophenol
Concen: 142.184 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12



Tgt Ion:112 Resp: 56272
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 34.4 26.2 39.2





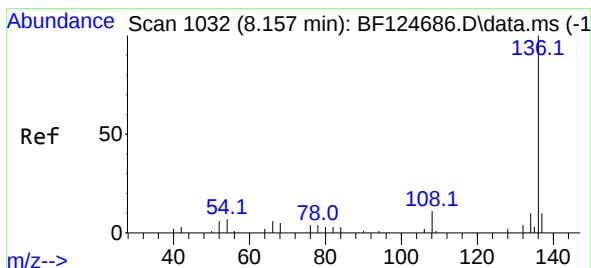
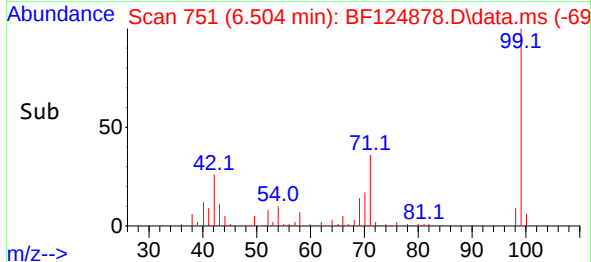
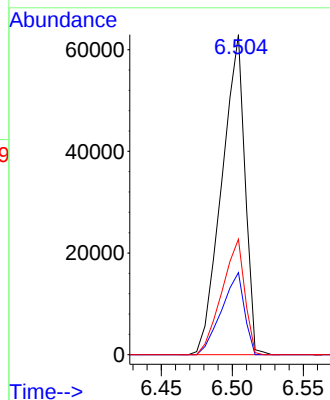
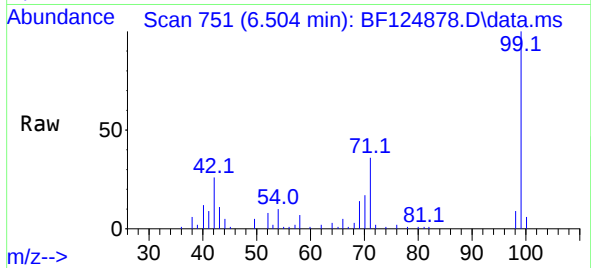
#7
Phenol-d6
Concen: 143.451 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

Tgt Ion: 99	Resp: 71174
Ion Ratio	Lower Upper
99 100	
42 25.6	23.5 35.3
71 36.1	25.6 38.4

Instrument :
BNA_F
ClientSampled :
SB-2(1.0-1.5)

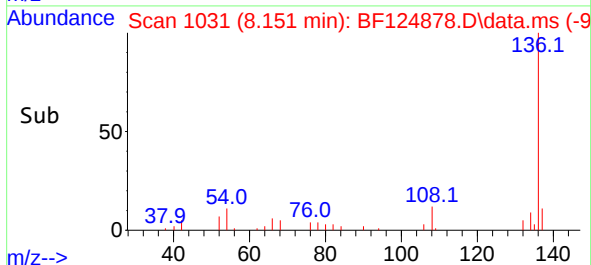
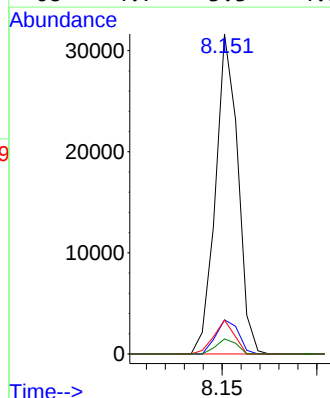
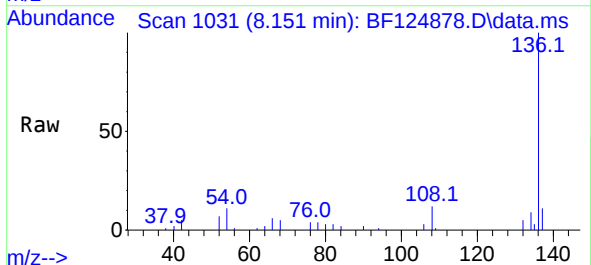
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

Tgt Ion:136	Resp: 25972
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 10.6	6.4 9.6#
68 4.7	3.3 4.9





#23

Nitrobenzene-d5

Concen: 115.300 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF124878.D

Acq: 30 Jul 2021 16:12

Tgt Ion:	82	Resp:	50314
Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	60.8
54	52.1	49.6	74.4

Instrument :

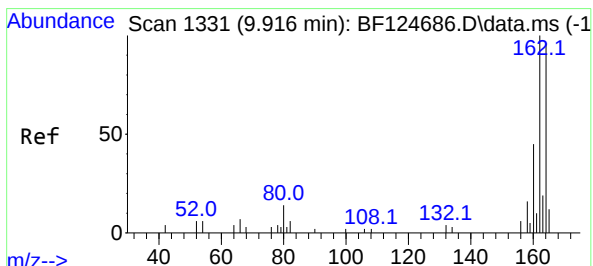
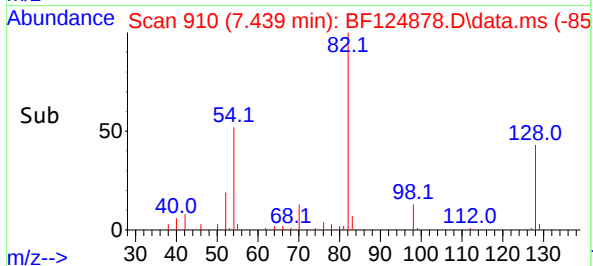
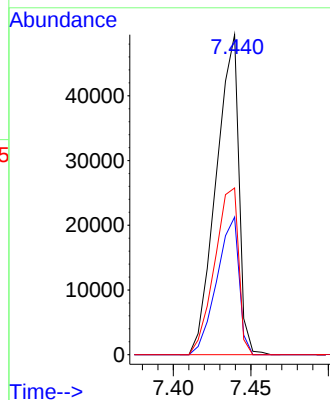
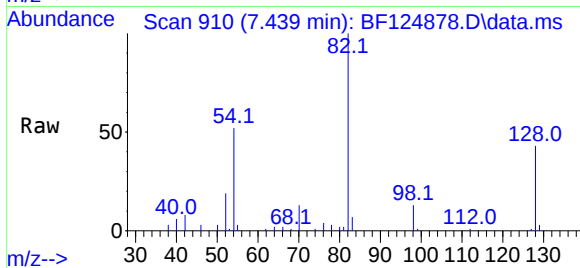
BNA_F

ClientSampled :

SB-2(1.0-1.5)

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng

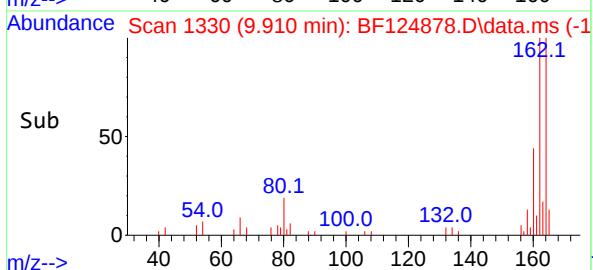
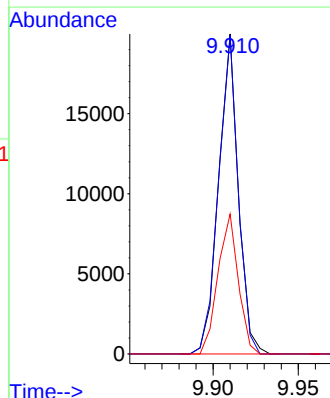
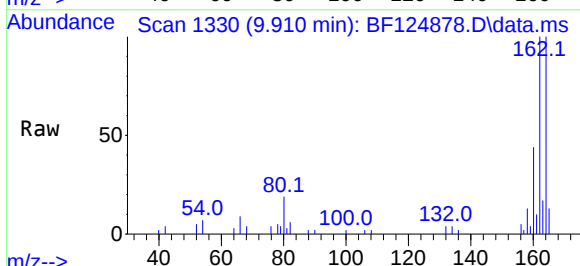
RT: 9.910 min Scan# 1330

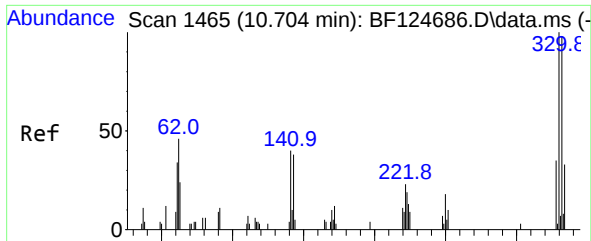
Delta R.T. -0.006 min

Lab File: BF124878.D

Acq: 30 Jul 2021 16:12

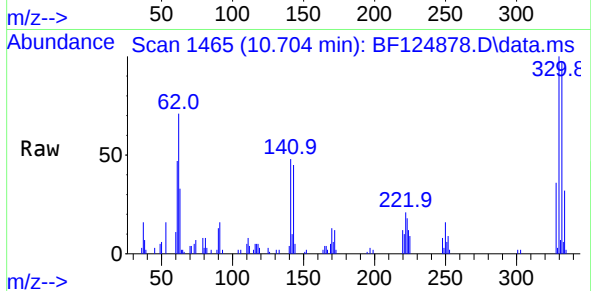
Tgt Ion:	164	Resp:	16014
Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.3	121.9
160	43.8	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 164.456 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

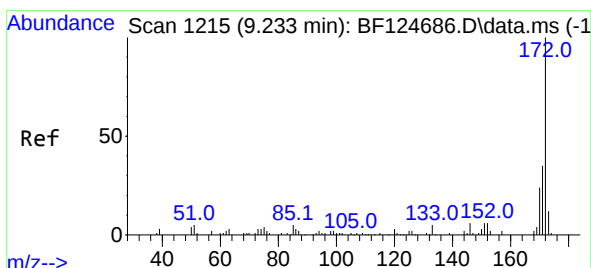
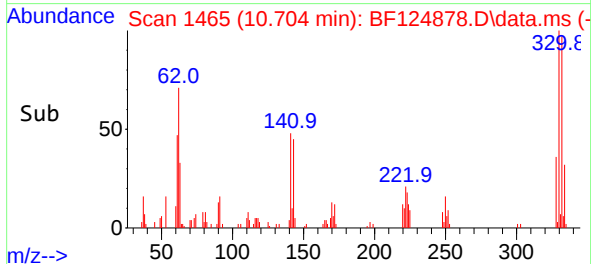
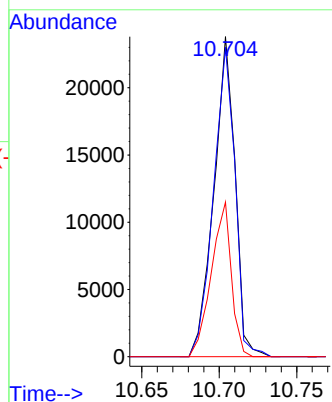
Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)



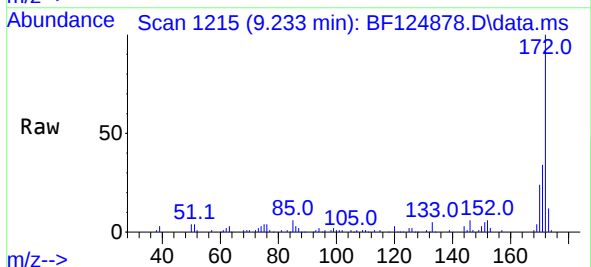
Tgt Ion: 330 Resp: 22612
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 45.9 44.6 66.8

Manual Integrations
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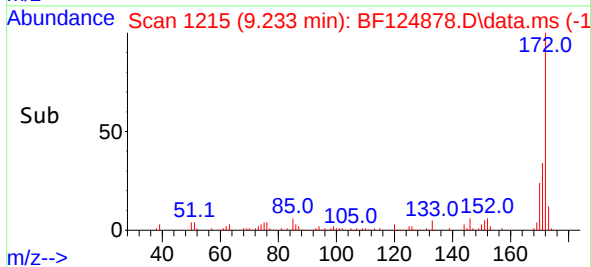
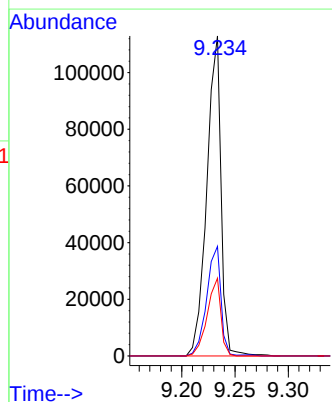
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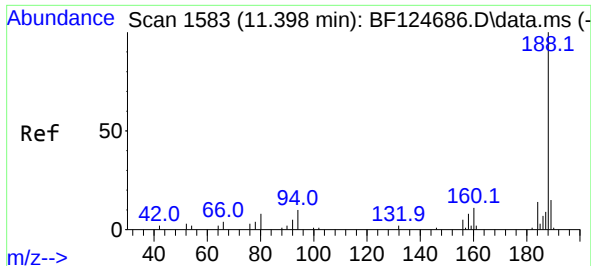


#45
2-Fluorobiphenyl
Concen: 96.727 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12



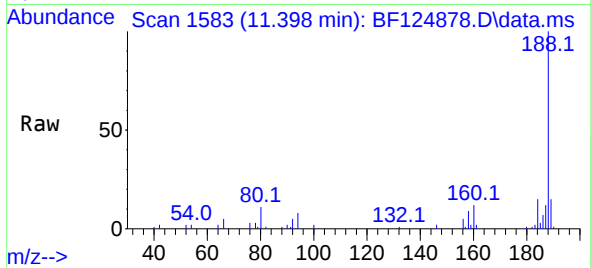
Tgt Ion: 172 Resp: 105463
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 24.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

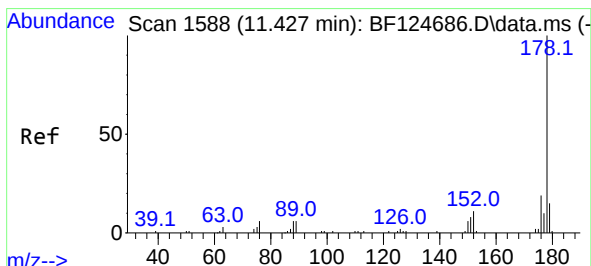
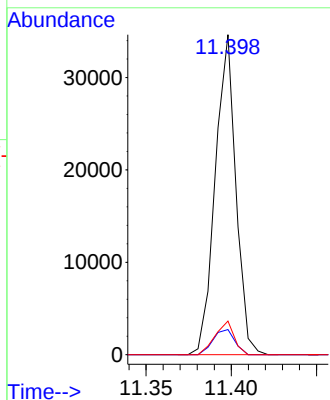
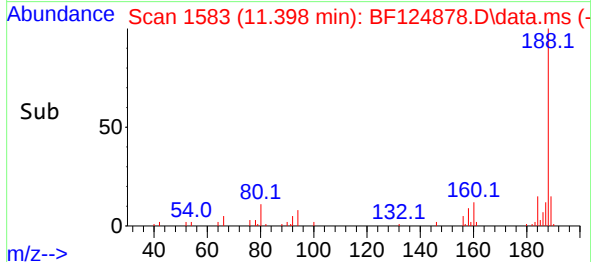
Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)



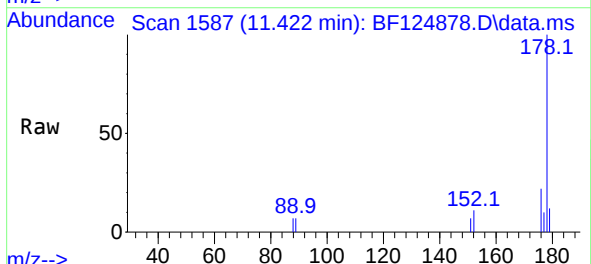
Tgt Ion:188 Resp: 29195
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.5 7.5 11.3

Manual Integrations
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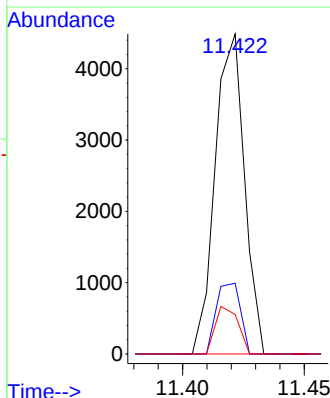
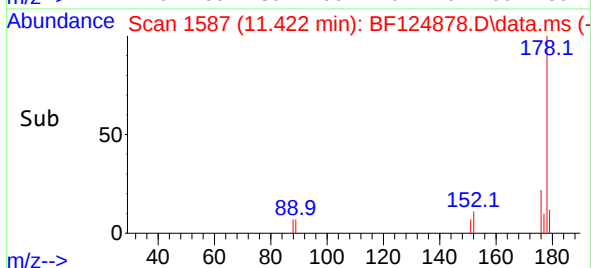
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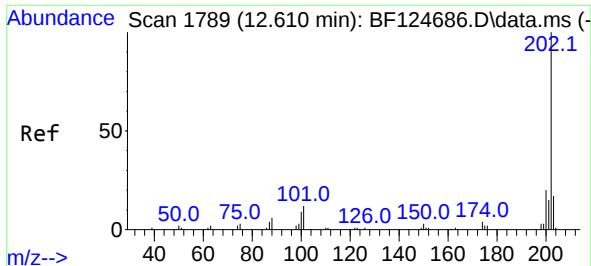


#71
Phenanthrene
Concen: 2.391 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12



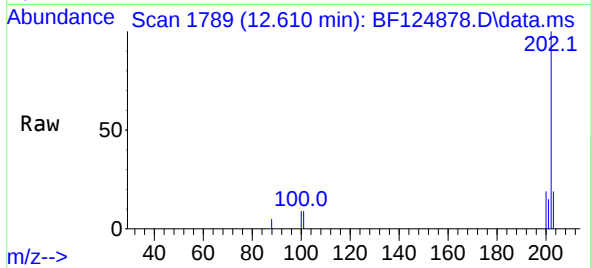
Tgt Ion:178 Resp: 3755
Ion Ratio Lower Upper
178 100
176 22.1 14.7 22.1#
179 12.4 11.5 17.3





#75
Fluoranthene
Concen: 4.801 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

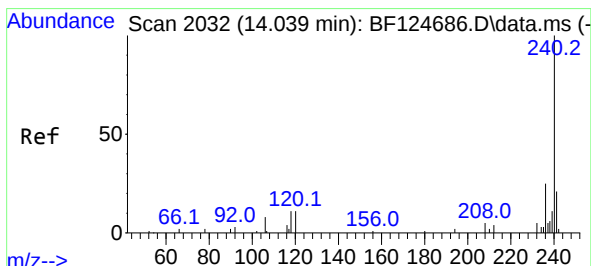
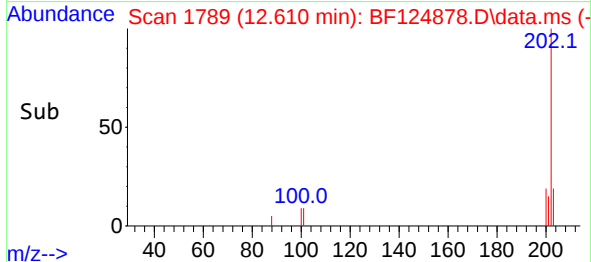
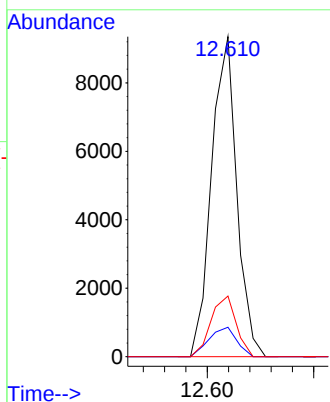
Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)



Tgt Ion:202 Resp: 7693
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 19.0 0.0 36.3

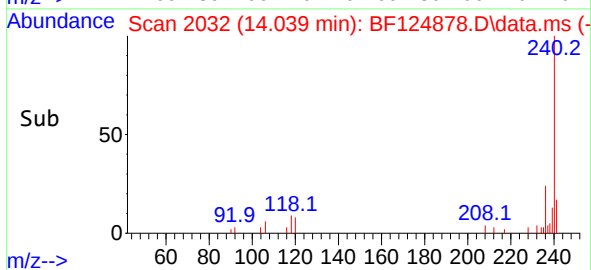
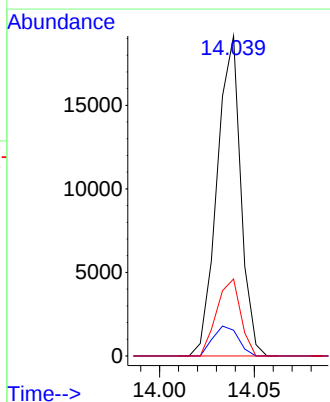
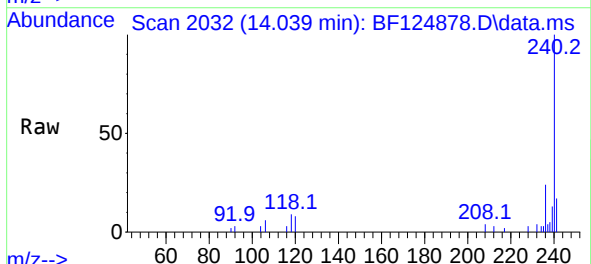
Manual Integrations
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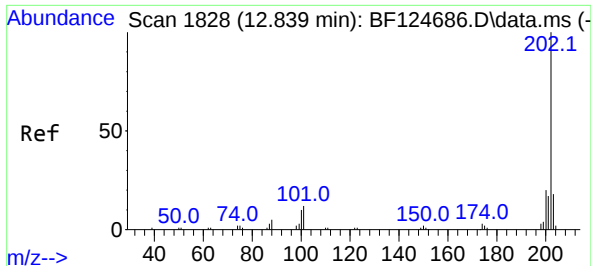
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

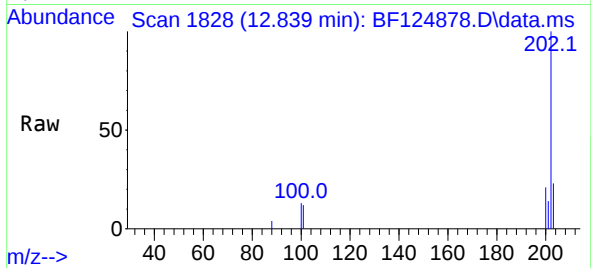
Tgt Ion:240 Resp: 16644
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 24.0 21.6 32.4





#78
Pyrene
Concen: 4.936 ng m
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

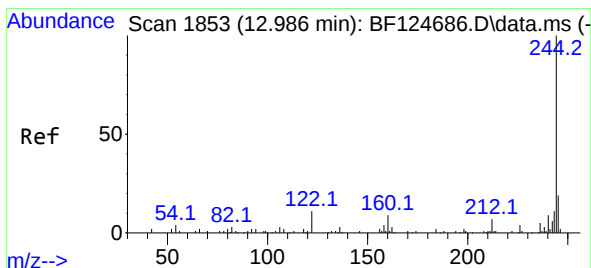
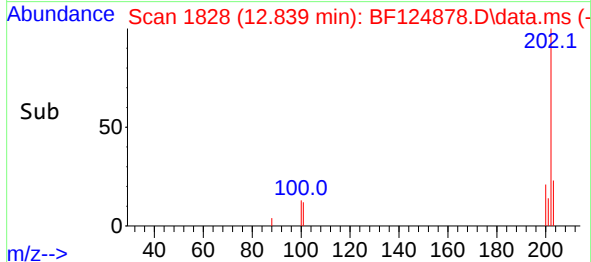
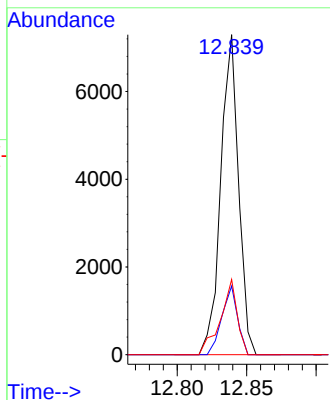
Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)



Tgt Ion:202 Resp: 6504
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 23.5 13.4 20.0#

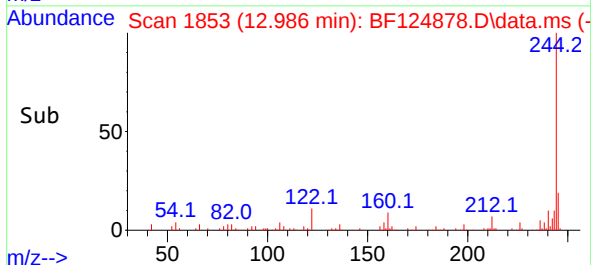
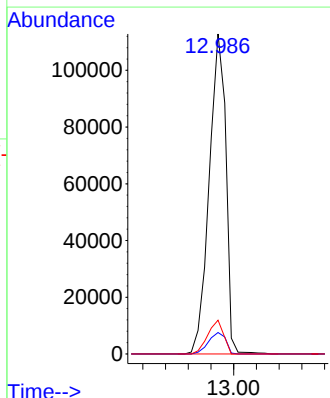
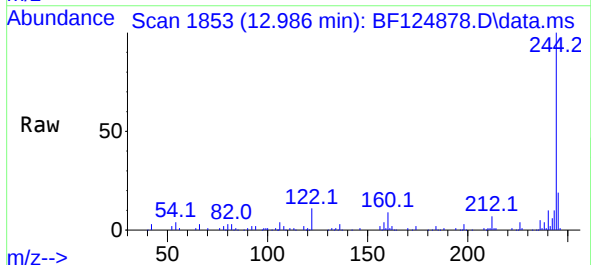
Manual Integrations
APPROVED

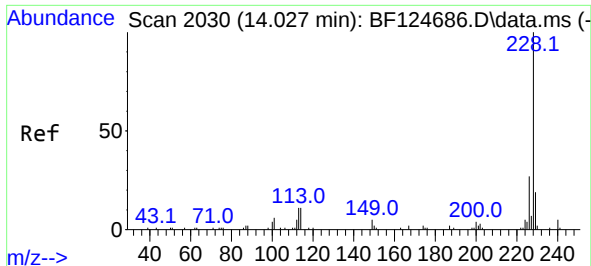
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#79
Terphenyl-d14
Concen: 118.242 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

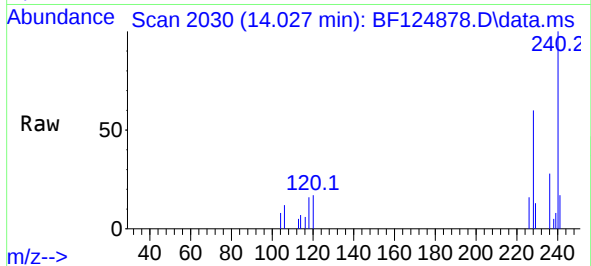
Tgt Ion:244 Resp: 114810
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.5 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.824 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

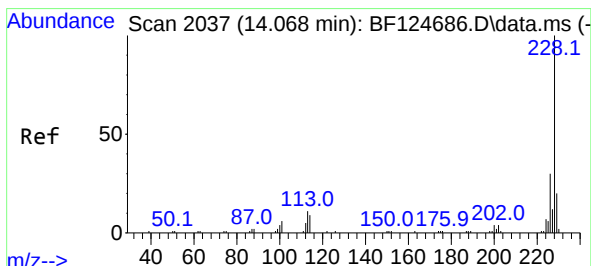
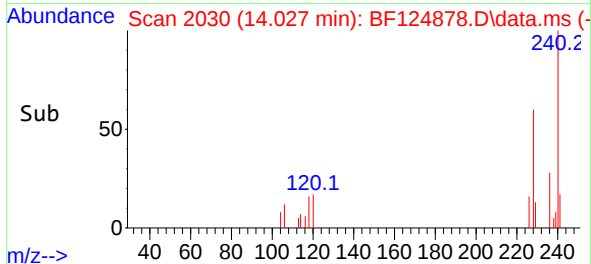
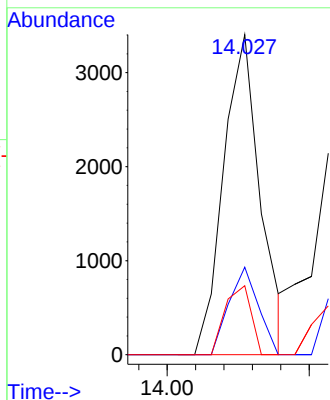
Instrument :
BNA_F
ClientSampled :
SB-2(1.0-1.5)



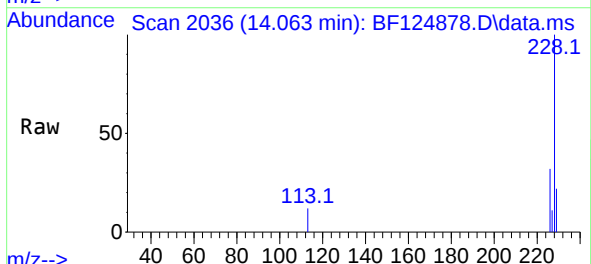
Tgt Ion:228 Resp: 3072
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 21.6 15.6 23.4

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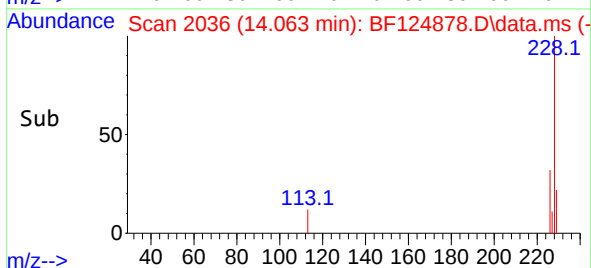
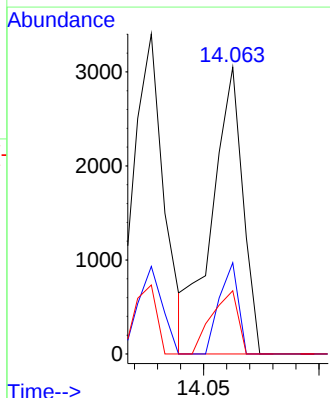
mohammad
8/2/2021 3:44:44 PM

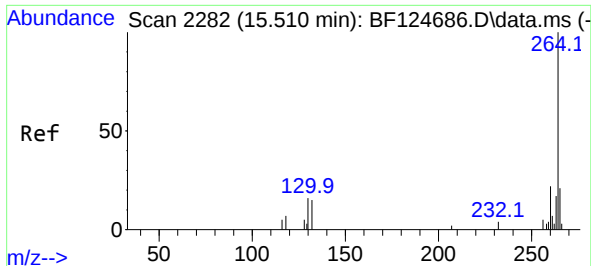


#83
Chrysene
Concen: 2.697 ng m
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12



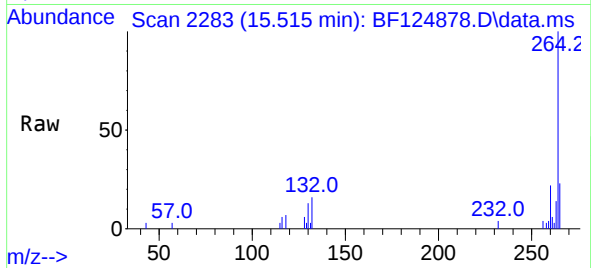
Tgt Ion:228 Resp: 2827
Ion Ratio Lower Upper
228 100
226 31.8 22.6 34.0
229 22.1 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

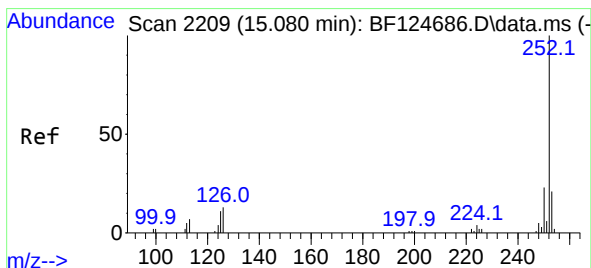
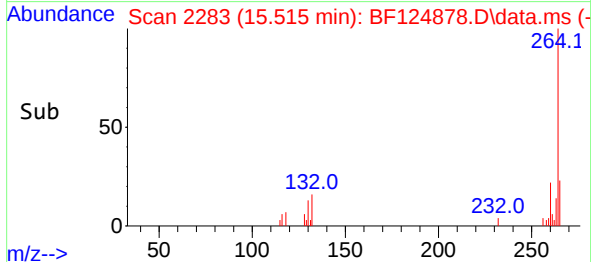
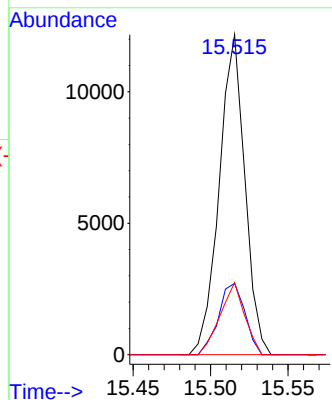
Instrument :
BNA_F
ClientSampled :
SB-2(1.0-1.5)



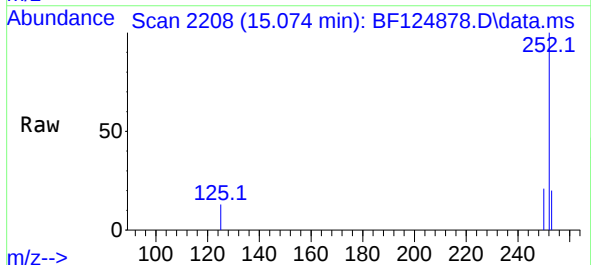
Tgt Ion:264 Resp: 14012
Ion Ratio Lower Upper
264 100
260 22.3 19.6 29.4
265 22.5 17.2 25.8

Manual Integrations
APPROVED

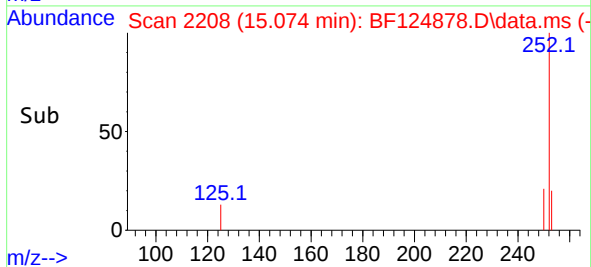
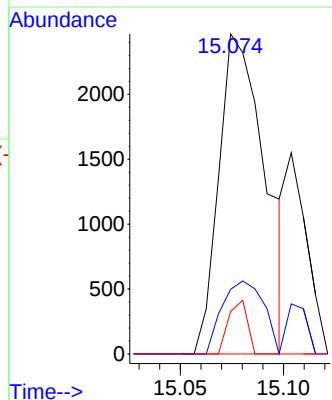
mohammad
8/2/2021 3:44:44 PM

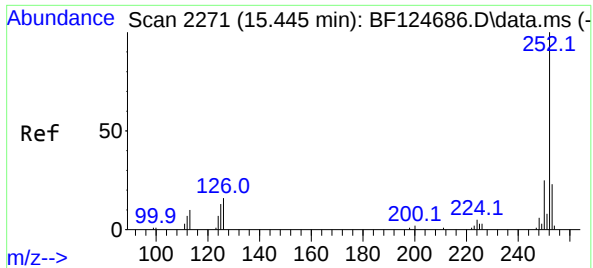


#88
Benzo(b)fluoranthene
Concen: 3.879 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12



Tgt Ion:252 Resp: 3827
Ion Ratio Lower Upper
252 100
253 20.2 16.8 25.2
125 13.3 9.8 14.8





#90
Benzo(a)pyrene
Concen: 2.854 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124878.D
Acq: 30 Jul 2021 16:12

Tgt Ion:	252	Resp:	2352
Ion Ratio	Lower	Upper	
252	100		
253	29.3	18.4	27.6#
125	0.0	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
SB-2(1.0-1.5)

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:44 PM

