

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124992.D
 Acq On : 8 Aug 2021 1:11
 Operator : JU/CG
 Sample : M3280-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-080421

Manual Integrations
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Quant Time: Aug 08 09:12:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5905	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21066	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	10109	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	16330	20.000	ng	0.00
76) Chrysene-d12	13.992	240	11388	20.000	ng	0.00
86) Perylene-d12	15.451	264	8175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	5237	14.528	ng	0.00
7) Phenol-d6	6.457	99	6283	13.823	ng	0.00
23) Nitrobenzene-d5	7.387	82	3815	9.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	1049	11.615	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	7624	11.035	ng	0.00
79) Terphenyl-d14	12.933	244	7278	10.780	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	2302	2.599	ng	95
75) Fluoranthene	12.563	202	5789	6.317	ng	95
78) Pyrene	12.792	202	8027	8.949	ng	94
81) Benzo(a)anthracene	13.980	228	3386m	4.563	ng	
83) Chrysene	14.016	228	2551	3.556	ng	98
88) Benzo(b)fluoranthene	15.021	252	2509m	4.371	ng	
90) Benzo(a)pyrene	15.386	252	1506	3.081	ng	# 86

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

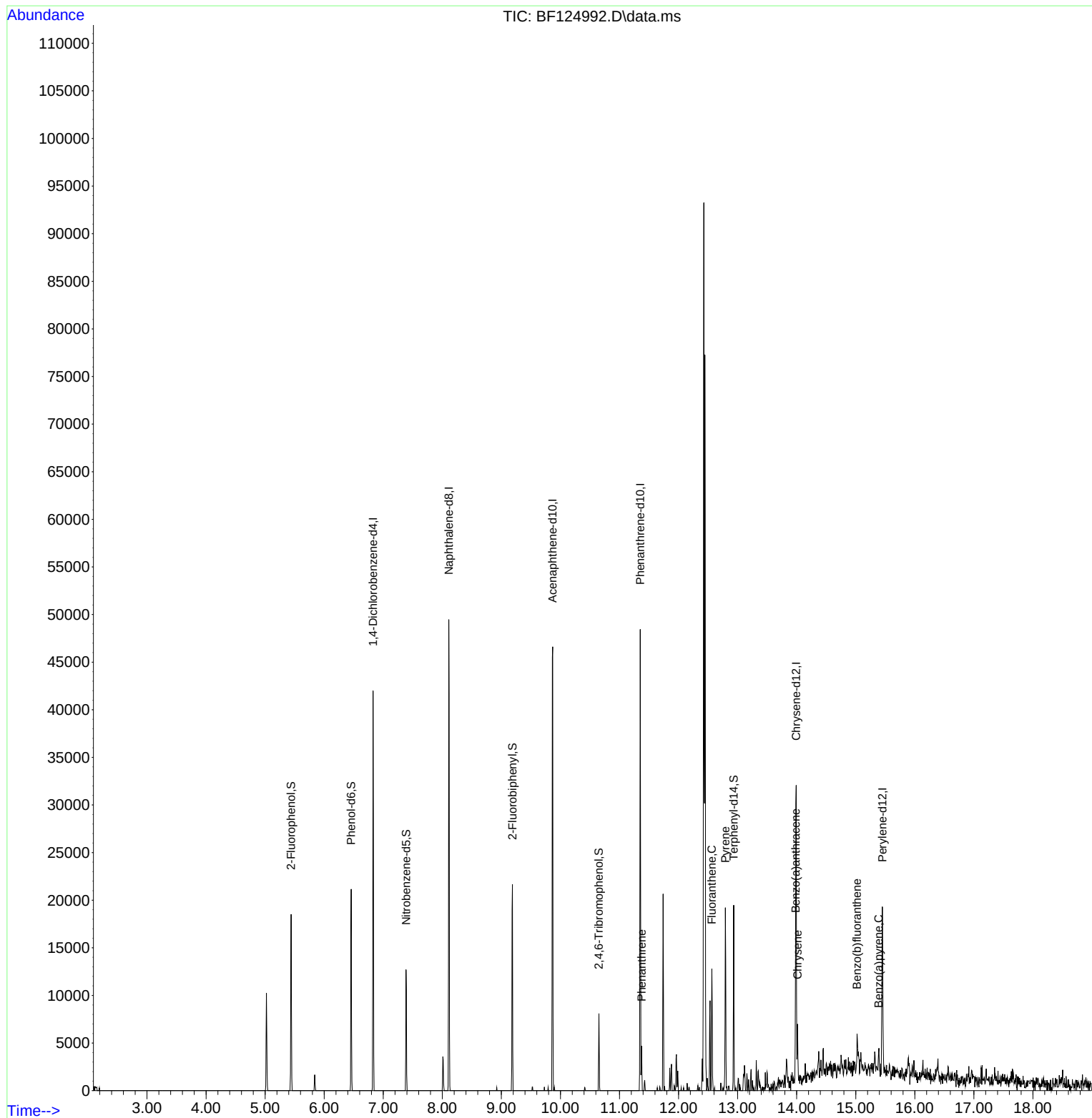
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124992.D
Acq On : 8 Aug 2021 1:11
Operator : JU/CG
Sample : M3280-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

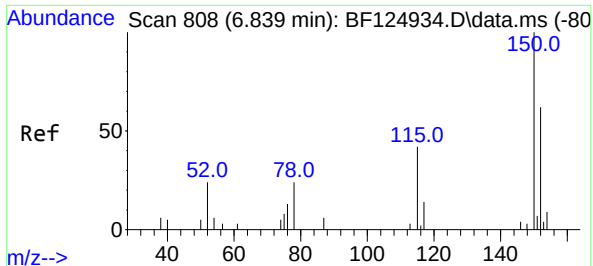
Instrument :
BNA_F
ClientSampleId :
TR-04-080421

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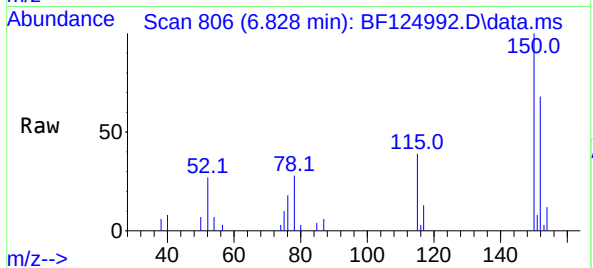
Quant Time: Aug 08 09:12:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

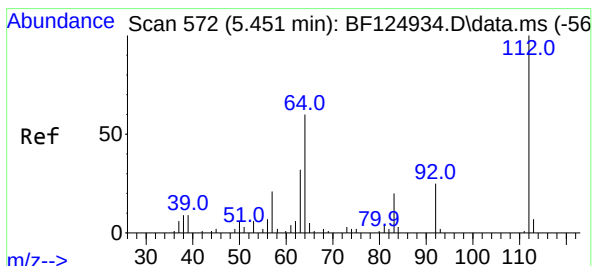
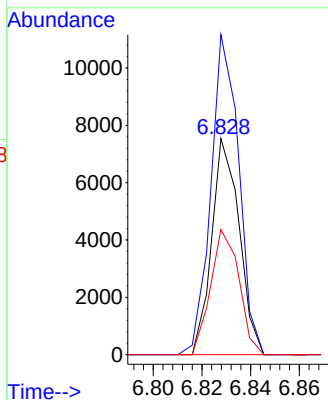
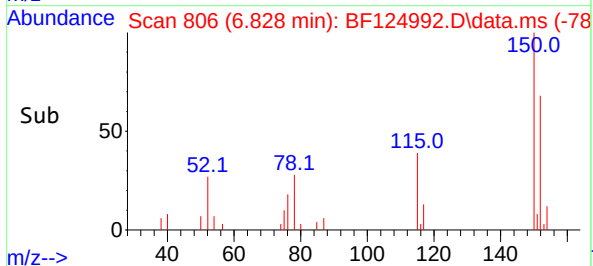
Instrument :
BNA_F
ClientSampled :
TR-04-080421



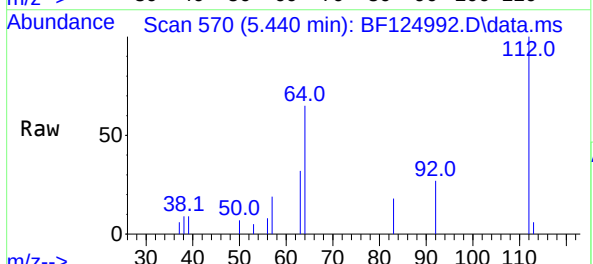
Tgt Ion:152 Resp: 5905
Ion Ratio Lower Upper
152 100
150 148.0 117.6 176.4
115 57.9 47.1 70.7

Manual Integrations
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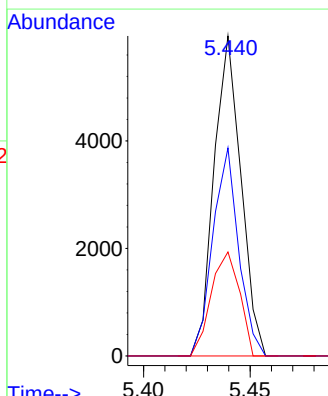
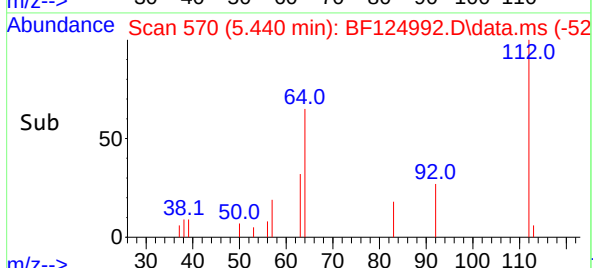
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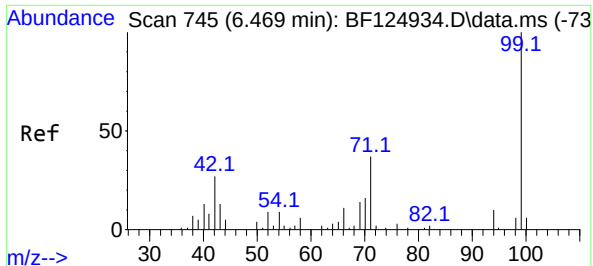


#5
2-Fluorophenol
Concen: 14.528 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



Tgt Ion:112 Resp: 5237
Ion Ratio Lower Upper
112 100
64 65.0 44.2 66.2
63 32.5 26.2 39.2





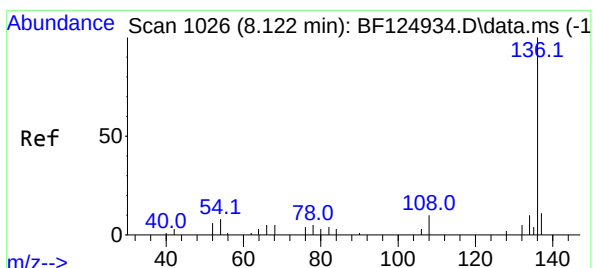
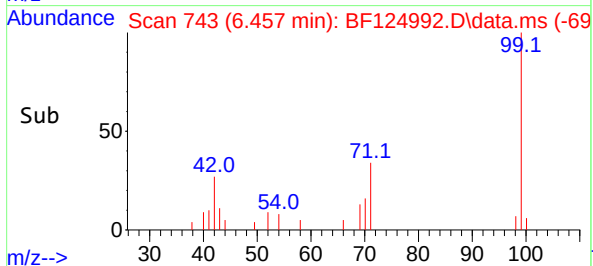
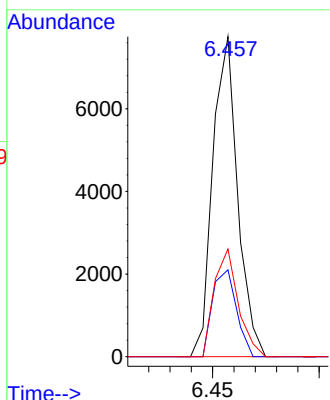
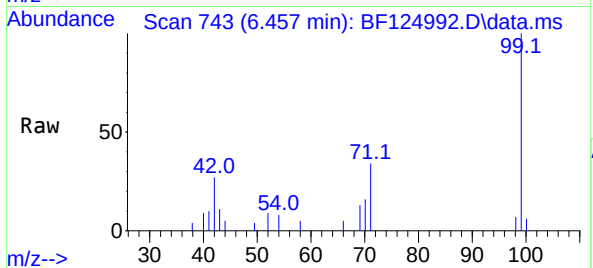
#7
Phenol-d6
Concen: 13.823 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

Tgt Ion:	99	Resp:	6283
Ion	Ratio	Lower	Upper
99	100		
42	27.1	23.5	35.3
71	33.7	25.6	38.4

Instrument :
BNA_F
ClientSampled :
TR-04-080421

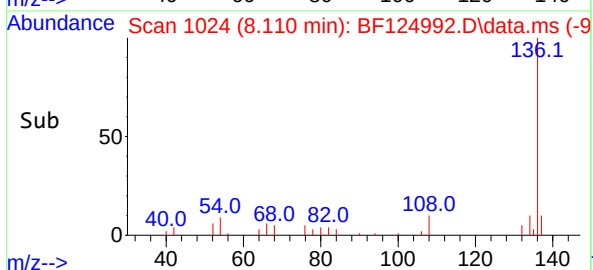
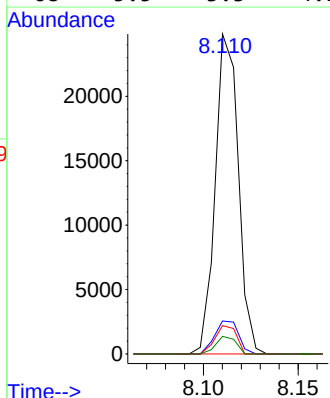
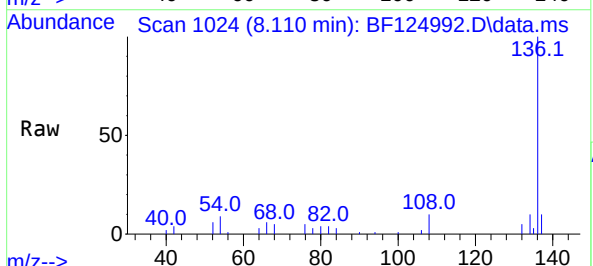
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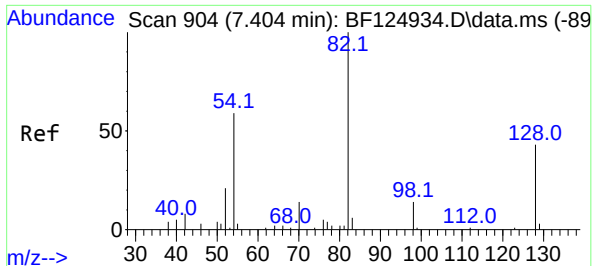
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

Tgt Ion:	136	Resp:	21066
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.9	6.4	9.6
68	5.5	3.3	4.9





#23

Nitrobenzene-d5

Concen: 9.474 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF124992.D

Acq: 8 Aug 2021 1:11

Tgt Ion: 82 Resp: 3815

Ion Ratio Lower Upper

82 100

128 42.4 40.6 60.8

54 60.6 49.6 74.4

Instrument :

BNA_F

ClientSampled :

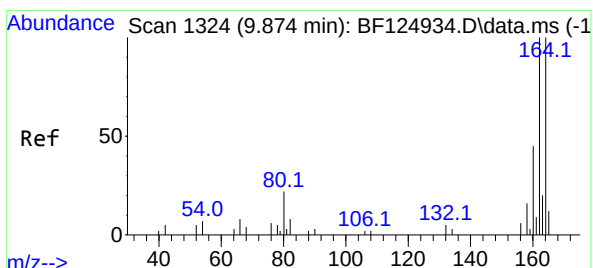
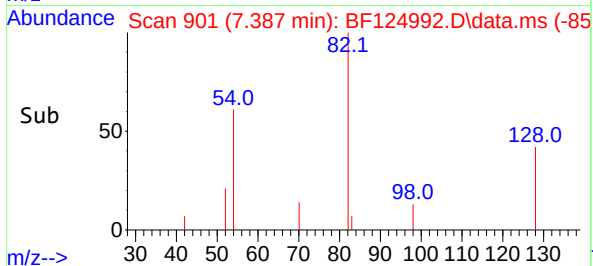
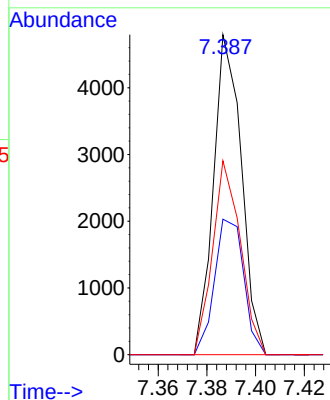
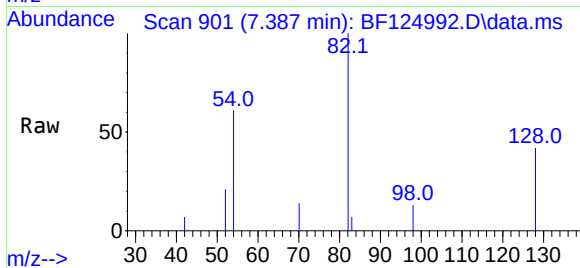
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF124992.D

Acq: 8 Aug 2021 1:11

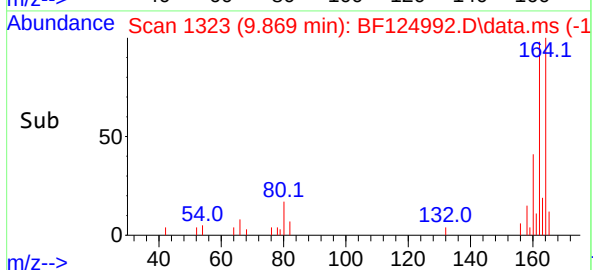
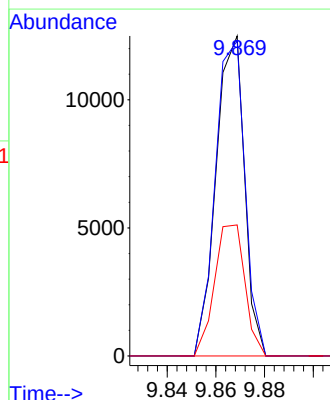
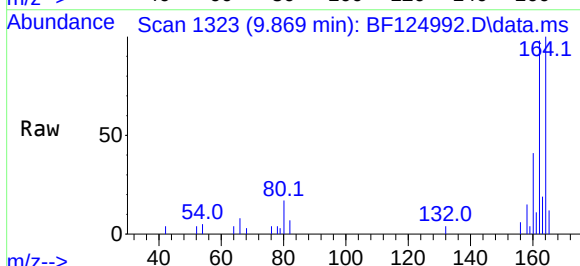
Tgt Ion:164 Resp: 10109

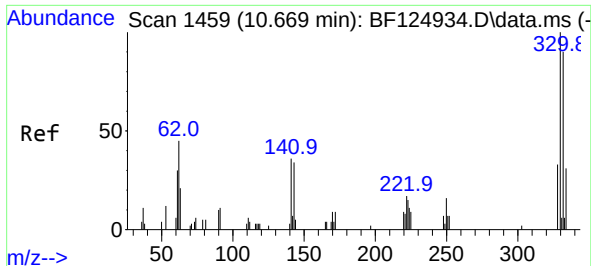
Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

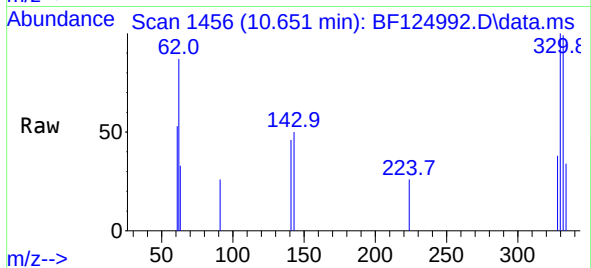
160 41.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 11.615 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

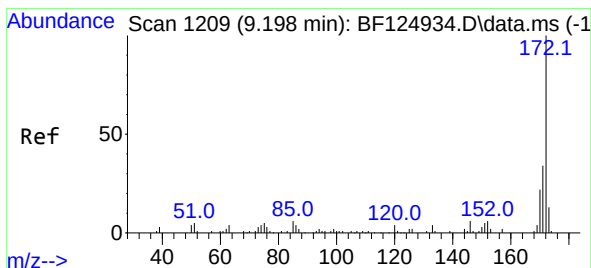
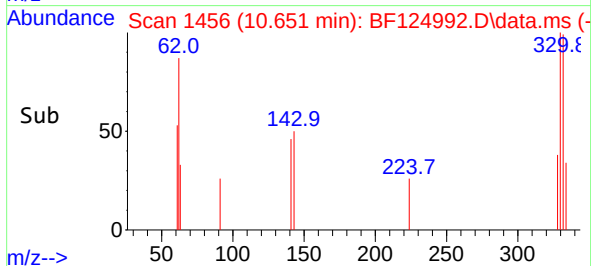
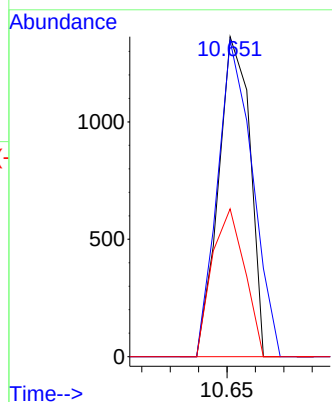
Instrument :
BNA_F
ClientSampled :
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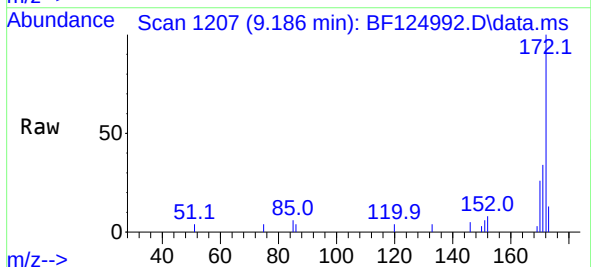
Tgt Ion: 330 Resp: 1049
Ion Ratio Lower Upper
330 100
332 110.0 76.2 114.4
141 47.9 44.6 66.8

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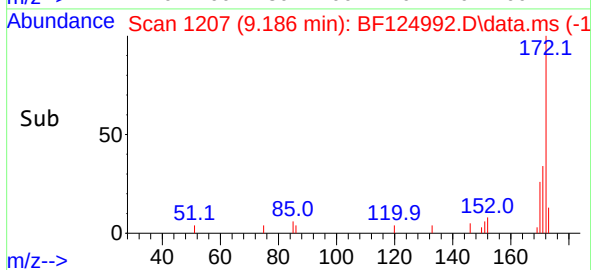
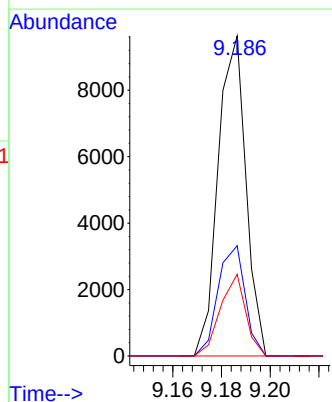
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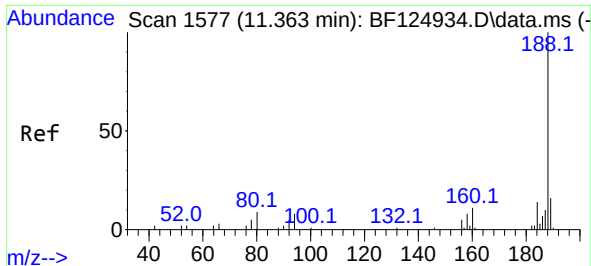


#45
2-Fluorobiphenyl
Concen: 11.035 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



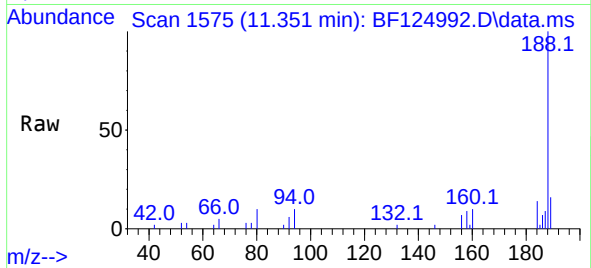
Tgt Ion: 172 Resp: 7624
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 25.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

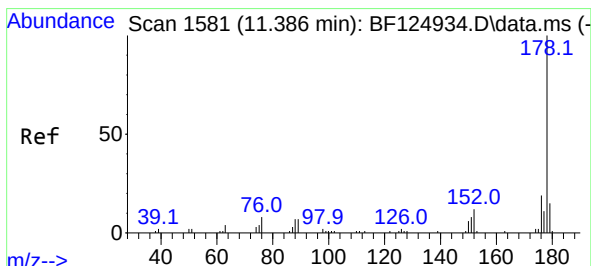
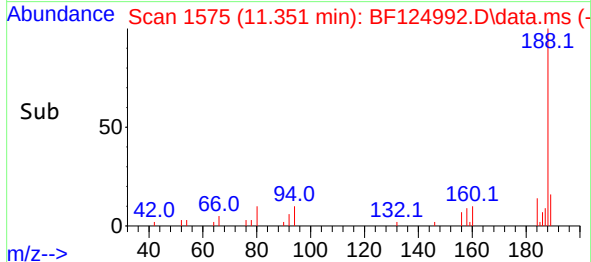
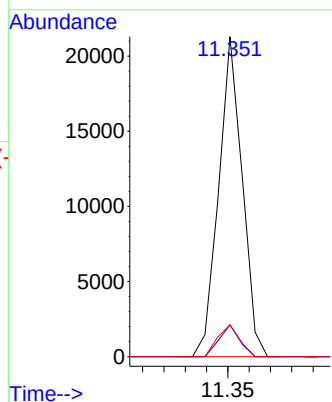
Instrument :
BNA_F
ClientSampled :
TR-04-080421



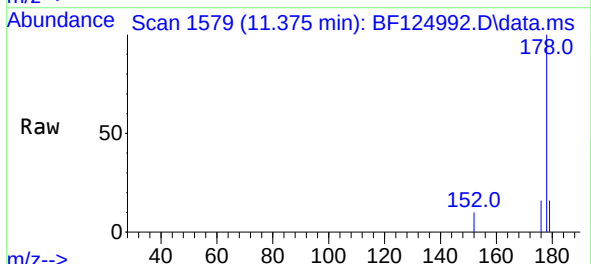
Tgt Ion:188 Resp: 16330
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.0 7.5 11.3

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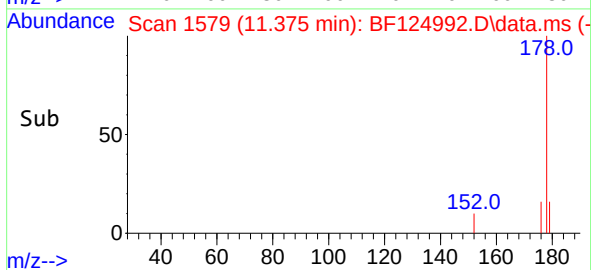
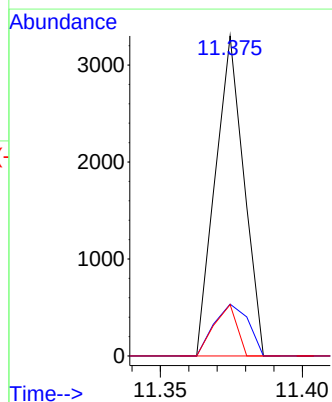
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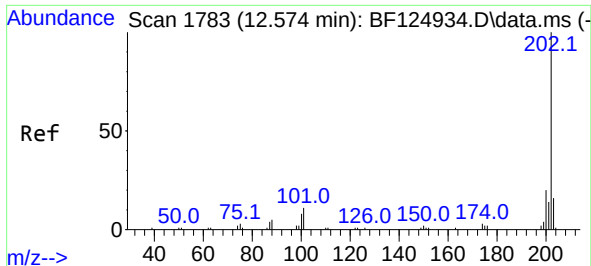


#71
Phenanthrene
Concen: 2.599 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



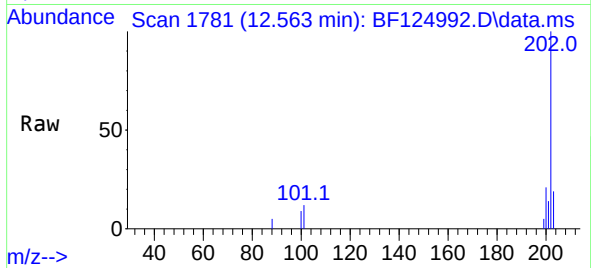
Tgt Ion:178 Resp: 2302
Ion Ratio Lower Upper
178 100
176 16.2 14.7 22.1
179 16.0 11.5 17.3





#75
Fluoranthene
Concen: 6.317 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

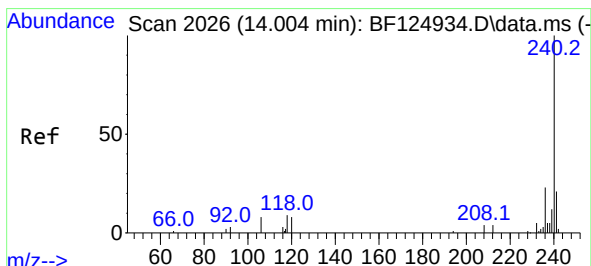
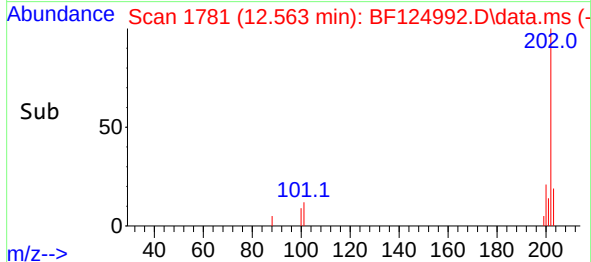
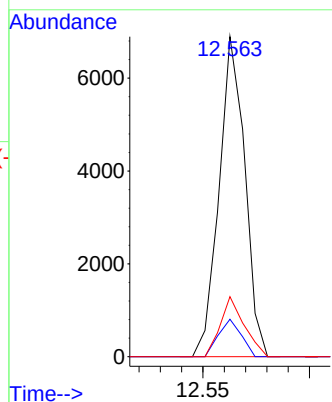
Instrument :
BNA_F
ClientSampleId :
TR-04-080421



Tgt Ion:202 Resp: 5789
Ion Ratio Lower Upper
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101 11.7 0.0 30.7
203 18.8 0.0 36.3

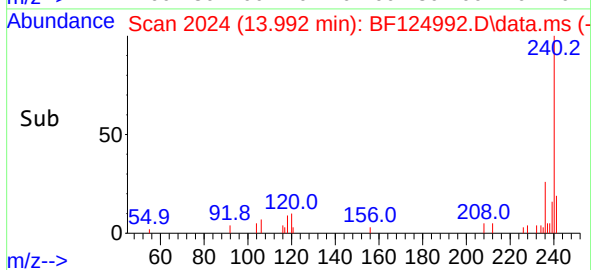
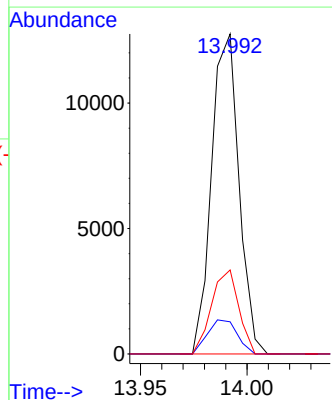
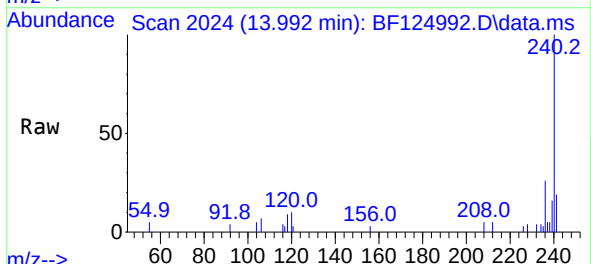
Manual Integrations
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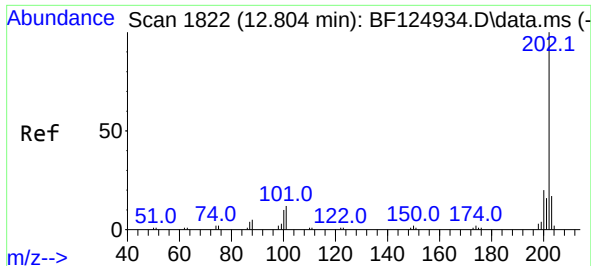
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

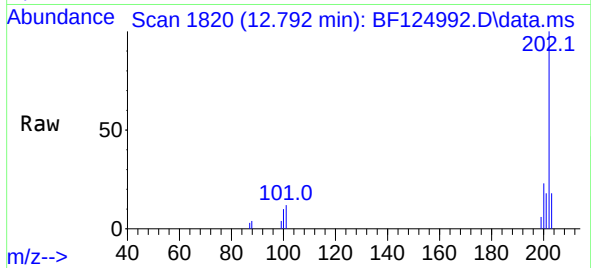
Tgt Ion:240 Resp: 11388
Ion Ratio Lower Upper
240 100
120 13.3 10.8 16.2
236 26.2 21.6 32.4





#78
Pyrene
Concen: 8.949 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

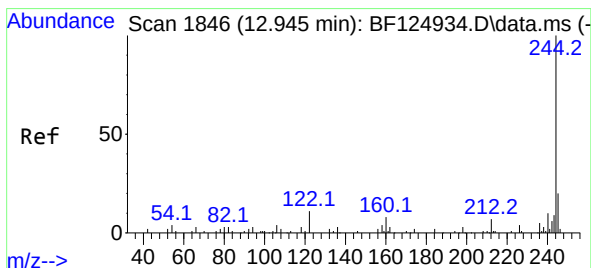
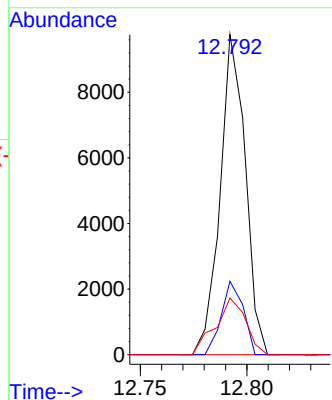
Instrument :
BNA_F
ClientSampled :
TR-04-080421



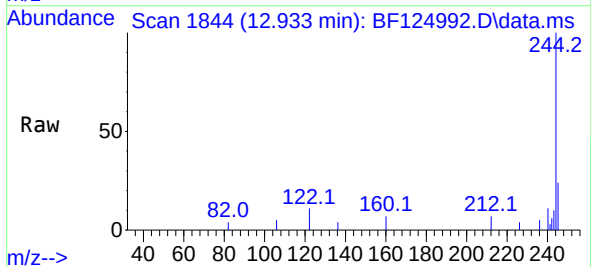
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Ion Ratio Lower Upper
202 100
200 22.9 15.3 22.9
203 17.7 13.4 20.0

Manual Integrations
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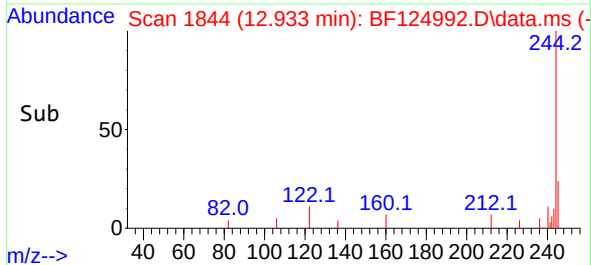
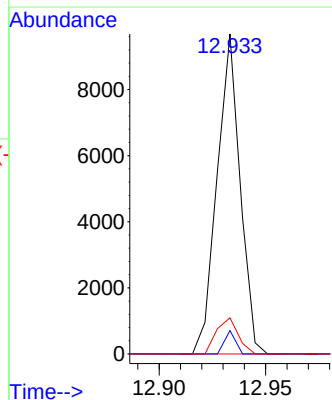
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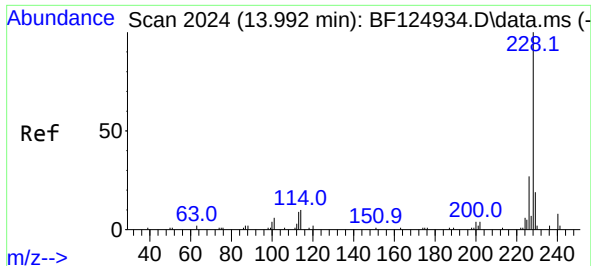


#79
Terphenyl-d14
Concen: 10.780 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



Tgt Ion:244 Resp: 7278
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.3 9.0 13.4





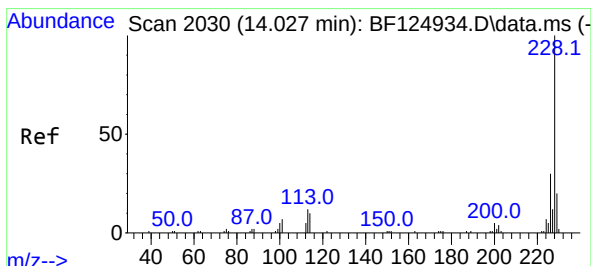
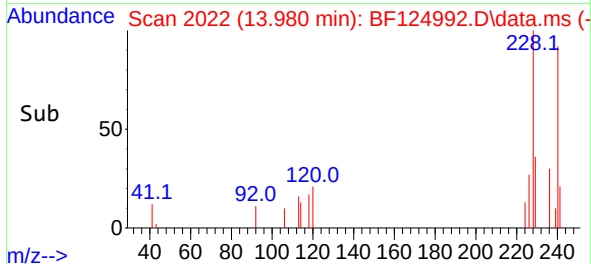
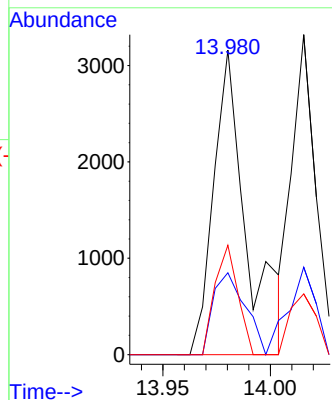
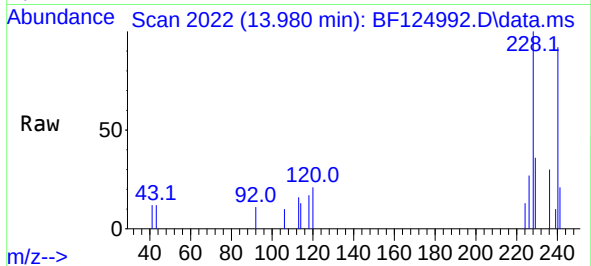
#81
Benzo(a)anthracene
Concen: 4.563 ng m
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

Tgt Ion:228 Resp: 3386
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 35.9 15.6 23.4#

Instrument :
BNA_F
ClientSampled :
TR-04-080421

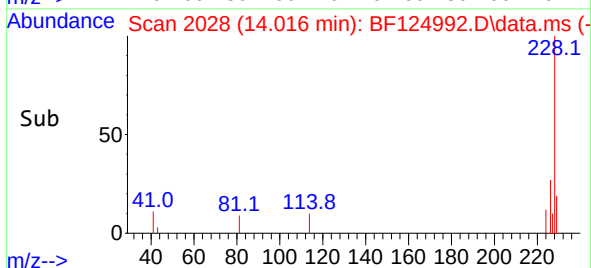
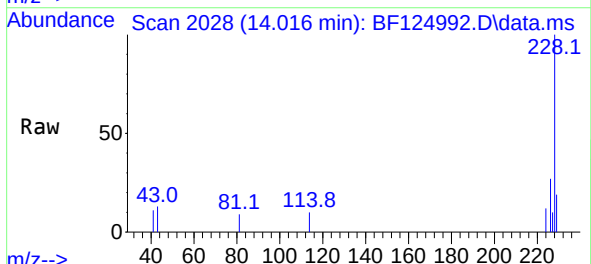
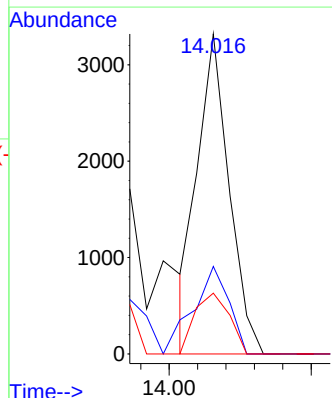
Manual Integrations
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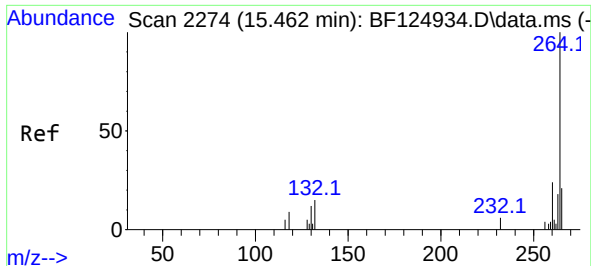
mohammad
8/10/2021 4:24:45 PM



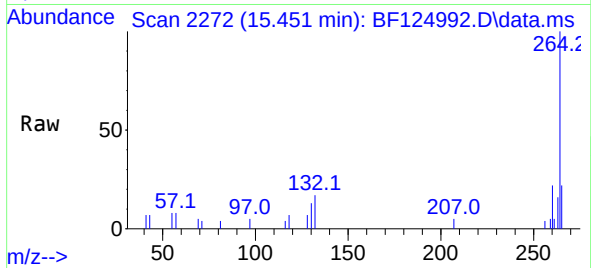
#83
Chrysene
Concen: 3.556 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

Tgt Ion:228 Resp: 2551
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 19.0 15.9 23.9

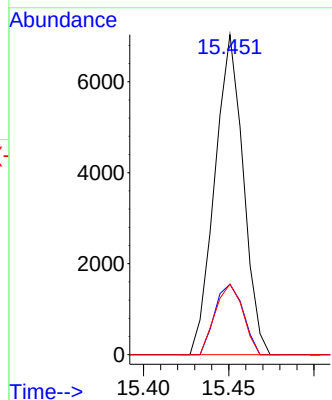




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



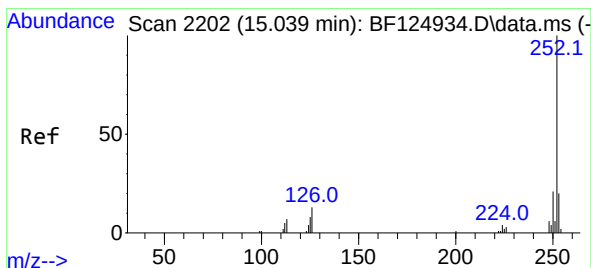
Tgt Ion:264 Resp: 8175
Ion Ratio Lower Upper
264 100
260 22.0 19.6 29.4
265 22.1 17.2 25.8



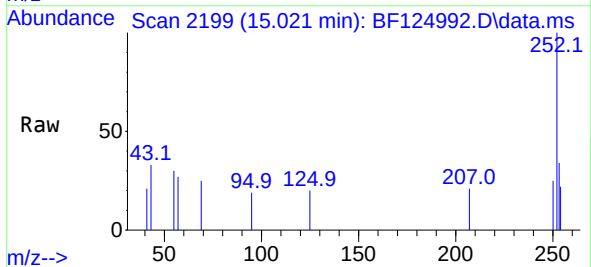
Instrument :
BNA_F
ClientSampled :
TR-04-080421

Manual Integrations
APPROVED

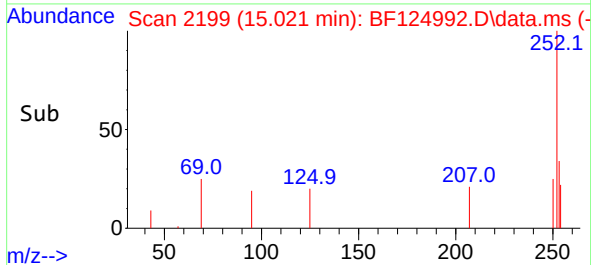
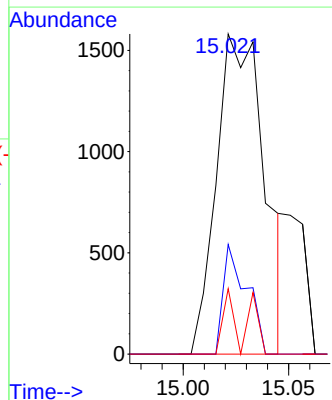
mohammad
8/10/2021 4:24:45 PM

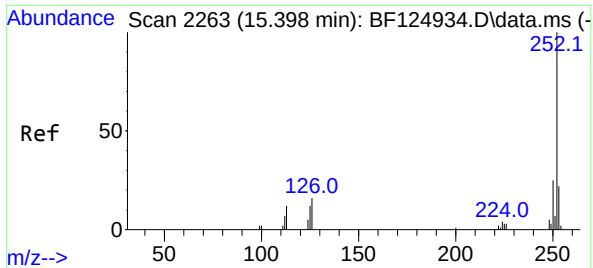


#88
Benzo(b)fluoranthene
Concen: 4.371 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11



Tgt Ion:252 Resp: 2509
Ion Ratio Lower Upper
252 100
253 34.2 16.8 25.2#
125 20.4 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.081 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF124992.D
Acq: 8 Aug 2021 1:11

Tgt Ion:	252	Resp:	1506
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.4	27.6
125	0.0	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
TR-04-080421

Manual Integrations
APPROVED

mohammad
8/10/2021 4:24:45 PM

