

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125849.D
 Acq On : 14 Oct 2021 17:35
 Operator : JU/CG
 Sample : M4191-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Manual Integrations
 APPROVED

mohammad
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Quant Time: Oct 15 10:41:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	167595	20.00	ng	-0.01
21) Naphthalene-d8	8.110	136	689718	20.00	ng	#-0.02
39) Acenaphthene-d10	9.863	164	362474	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	634542	20.00	ng	#-0.02
76) Chrysene-d12	13.980	240	383963	20.00	ng	-0.02
86) Perylene-d12	15.427	264	383133	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1084295	105.69	ng	-0.01
7) Phenol-d6	6.457	99	1344078	101.77	ng	-0.02
23) Nitrobenzene-d5	7.392	82	772309	69.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	371218	103.73	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1485291	70.68	ng	-0.02
79) Terphenyl-d14	12.933	244	1475076	58.52	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	83206	2.45	ng	98
75) Fluoranthene	12.557	202	110055	3.59	ng	98
78) Pyrene	12.786	202	94946	2.43	ng	97
88) Benzo(b)fluoranthene	15.004	252	46045m	2.13	ng	

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

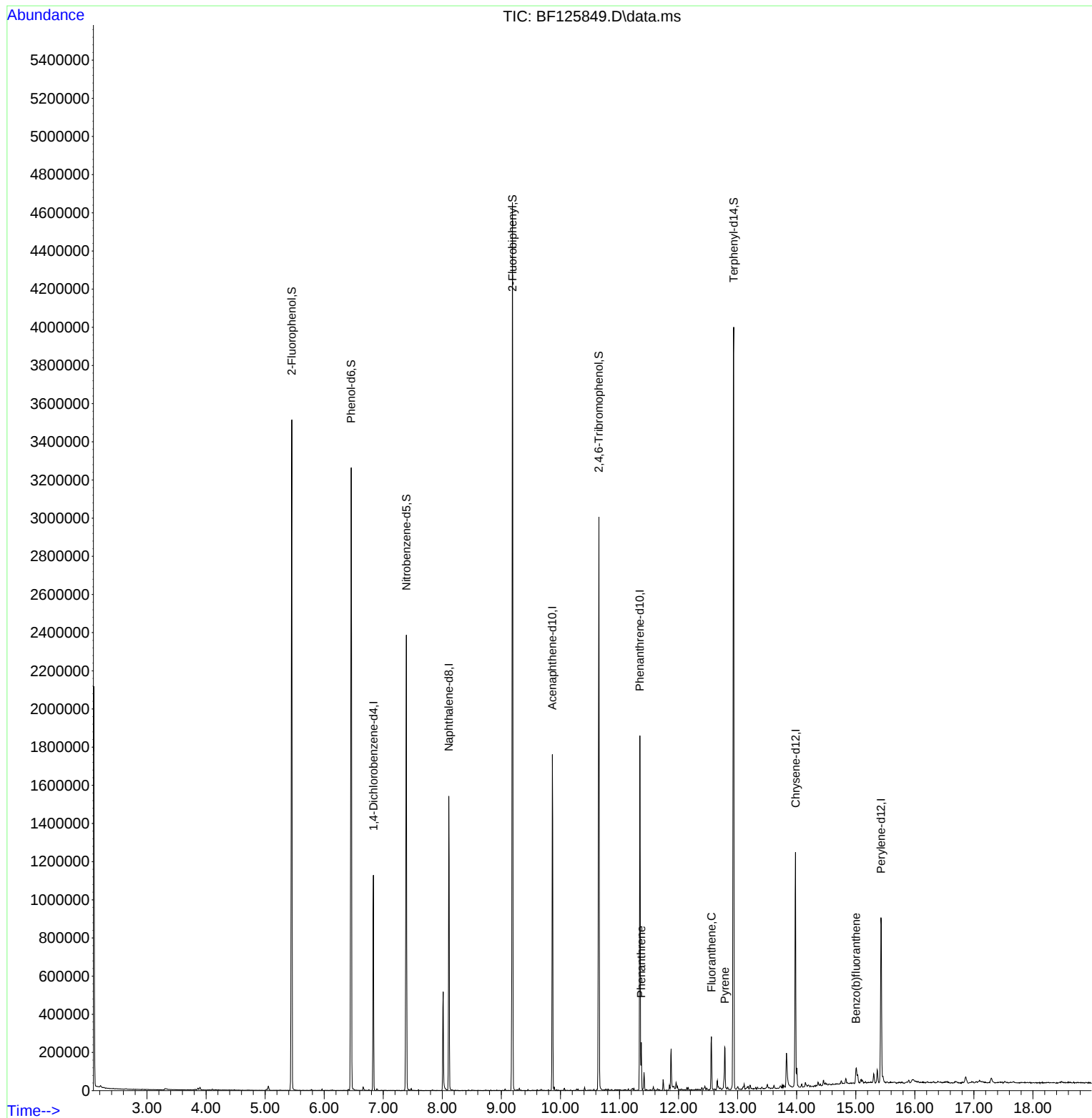
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

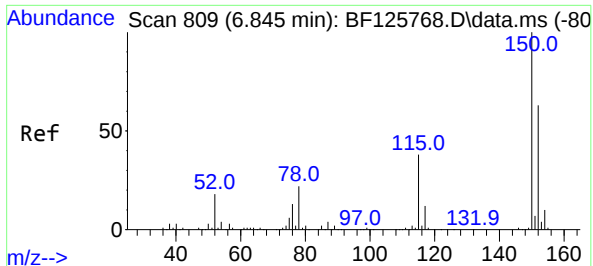
Instrument :
BNA_F
ClientSampleId :
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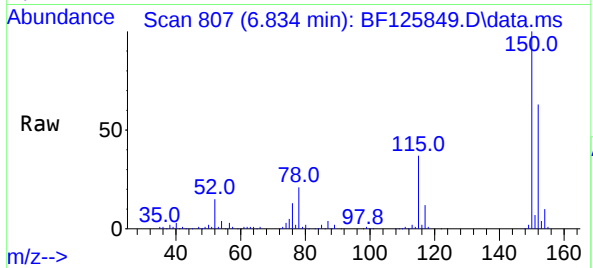
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Quant Time: Oct 15 10:41:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

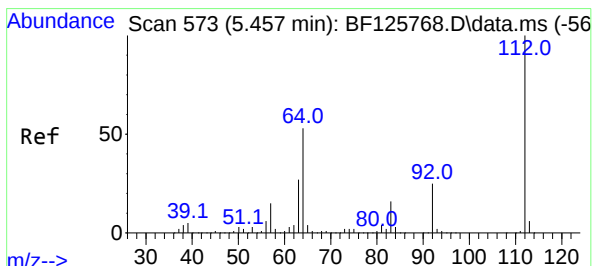
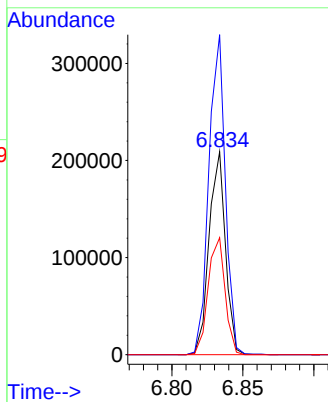
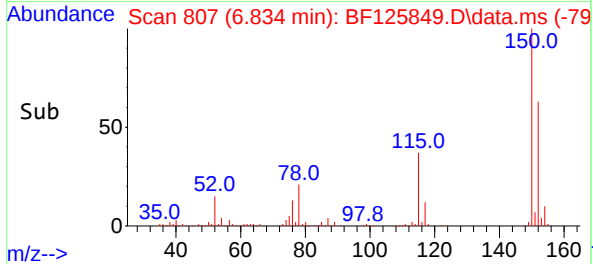




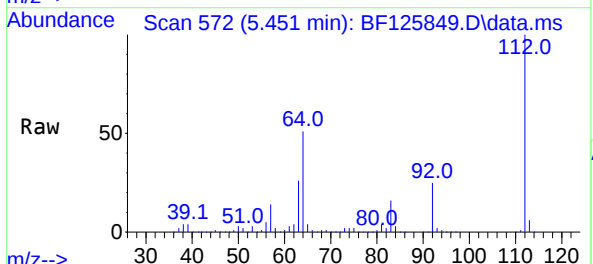
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



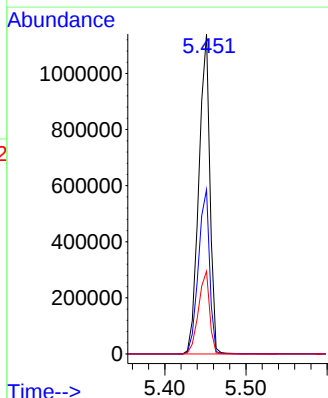
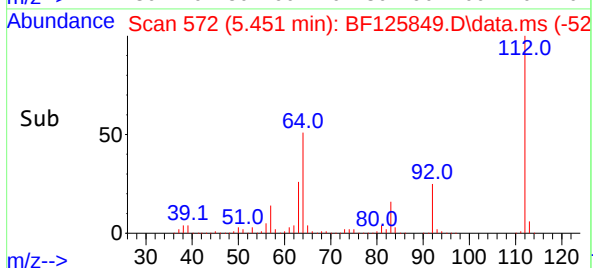
Tgt Ion:152 Resp: 167595
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 105.69 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



Tgt Ion:112 Resp: 1084295
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.9 26.2 39.2#



Instrument :
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ClientSampled :
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#7
Phenol-d6
Concen: 101.77 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

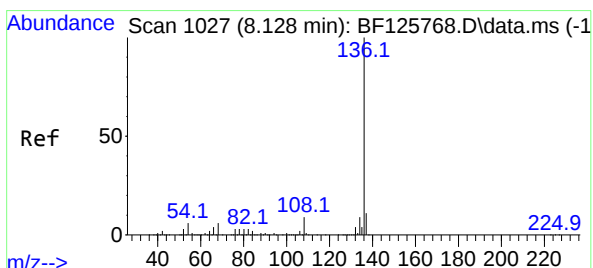
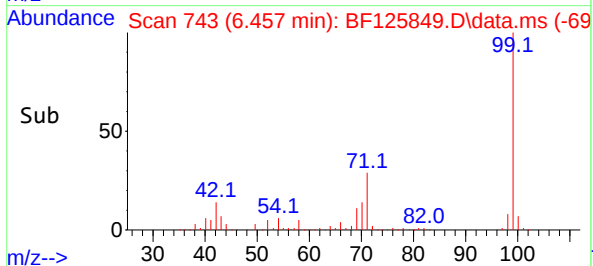
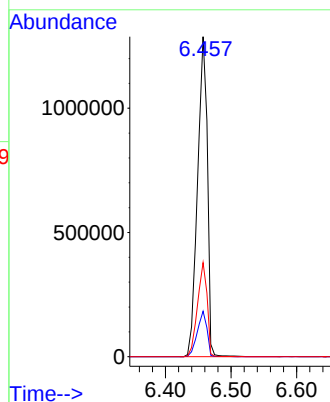
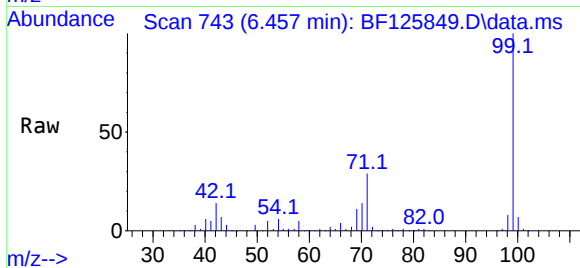
Tgt Ion: 99 Resp: 1344078

Ion	Ratio	Lower	Upper
99	100		
42	14.2	23.5	35.3#
71	29.4	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
COMP-4

Manual Integrations
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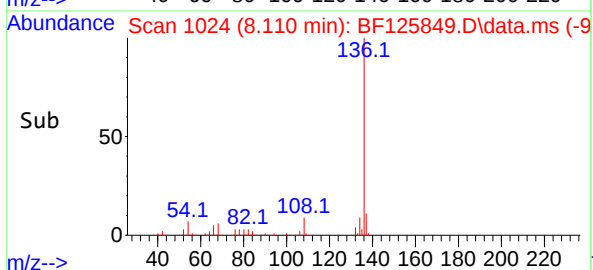
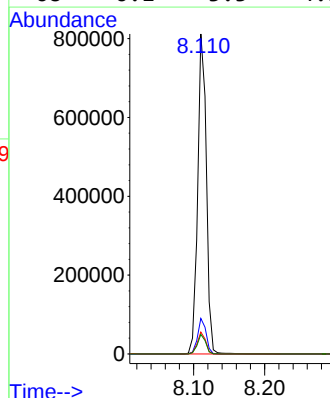
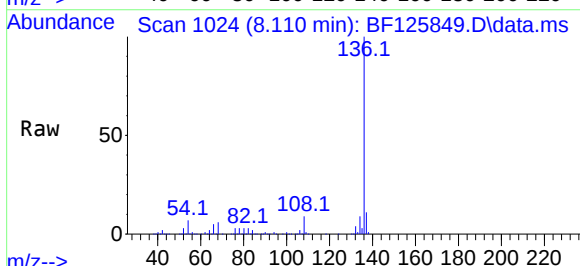
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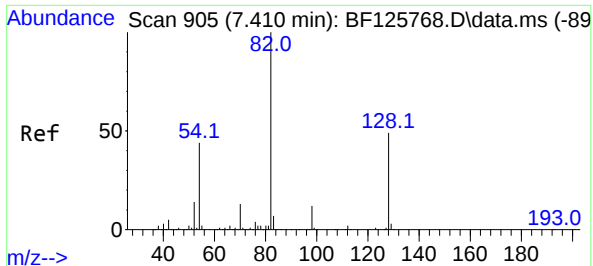


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

Tgt Ion: 136 Resp: 689718

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	6.8	6.4	9.6
68	6.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 69.60 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF125849.D

Acq: 14 Oct 2021 17:35

Tgt Ion: 82 Resp: 772309

Ion Ratio Lower Upper

82 100

128 49.7 40.6 60.8

54 43.1 49.6 74.4#

Instrument :

BNA_F

ClientSampled :

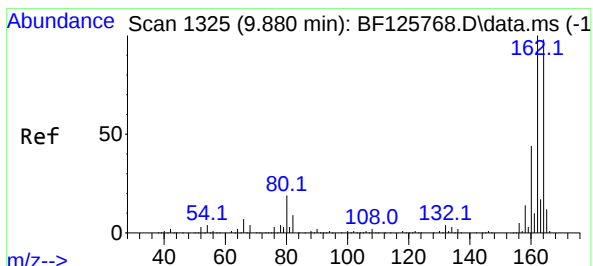
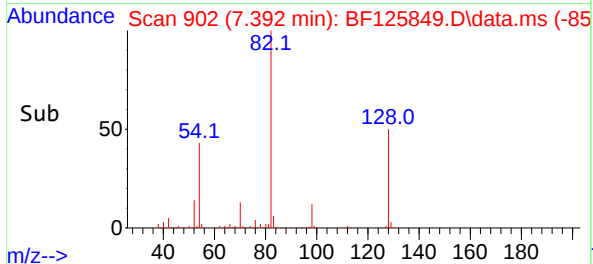
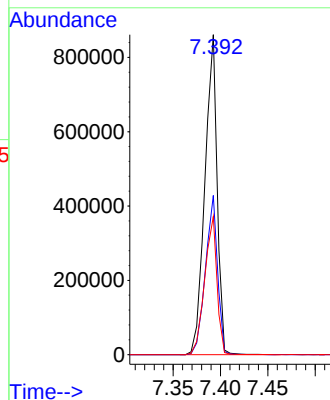
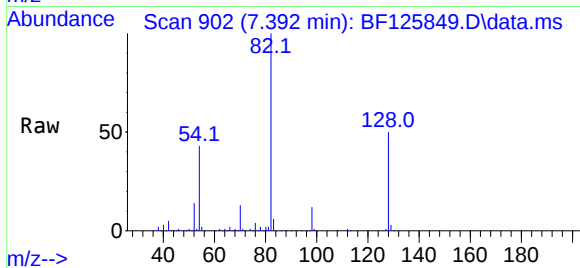
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.018 min

Lab File: BF125849.D

Acq: 14 Oct 2021 17:35

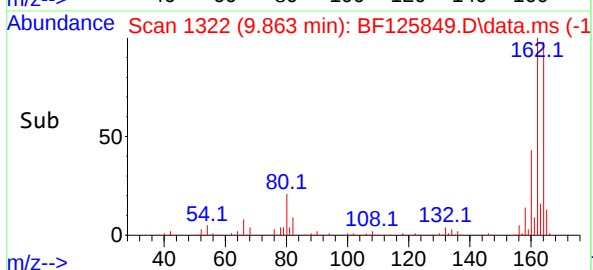
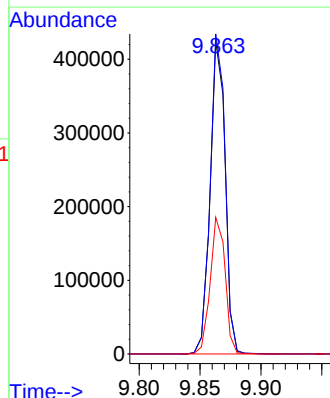
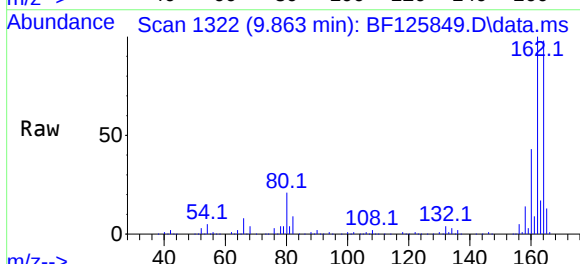
Tgt Ion:164 Resp: 362474

Ion Ratio Lower Upper

164 100

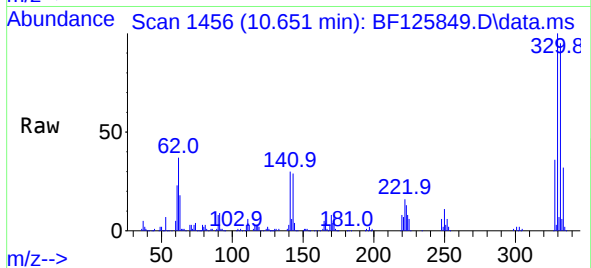
162 102.3 81.3 121.9

160 43.6 38.0 57.0

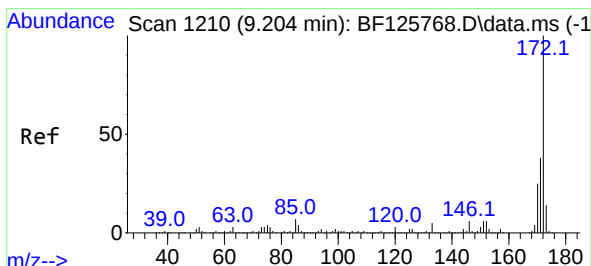
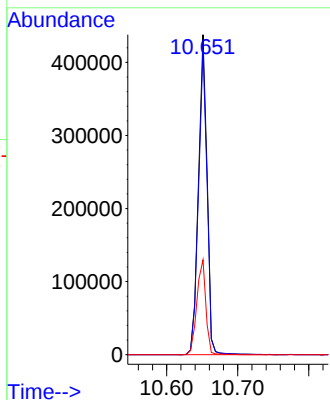
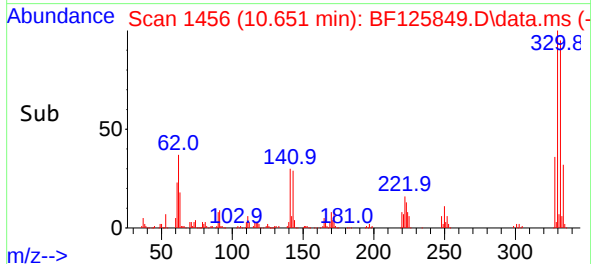




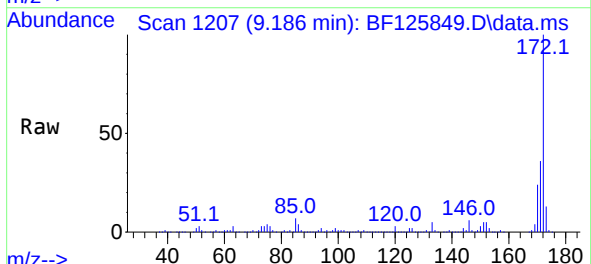
#42
2,4,6-Tribromophenol
Concen: 103.73 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



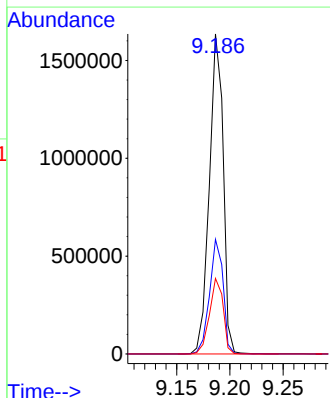
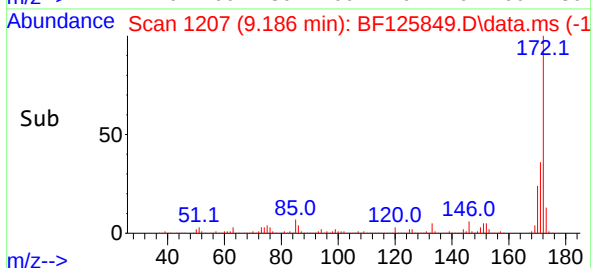
Tgt Ion: 330 Resp: 371218
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.68 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



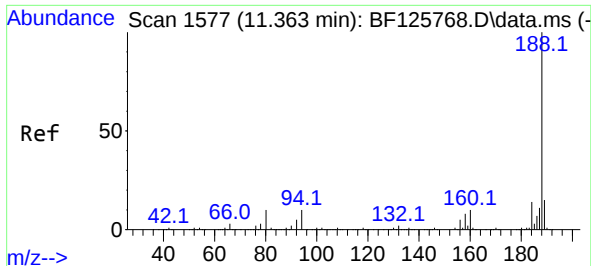
Tgt Ion: 172 Resp: 1485291
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.6 18.8 28.2



Instrument :
BNA_F
ClientSampled :
COMP-4

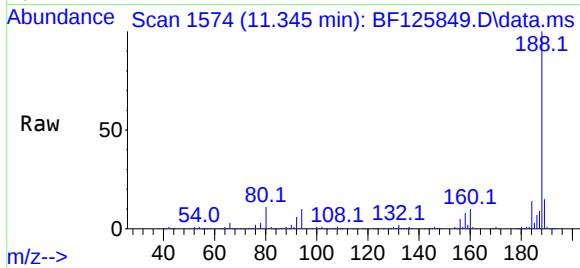
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

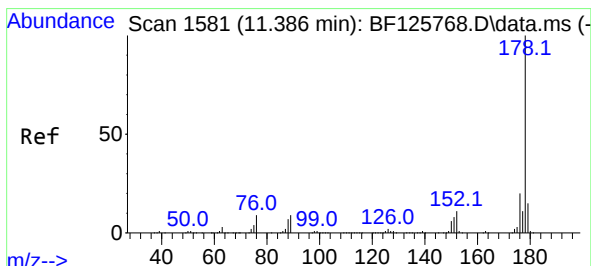
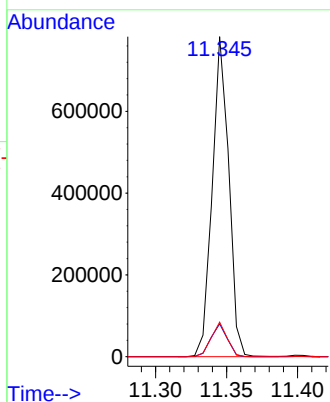
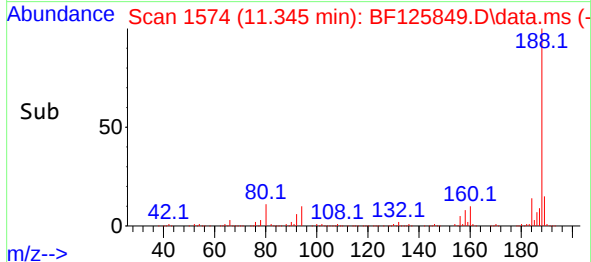
Instrument :
BNA_F
ClientSampled :
COMP-4



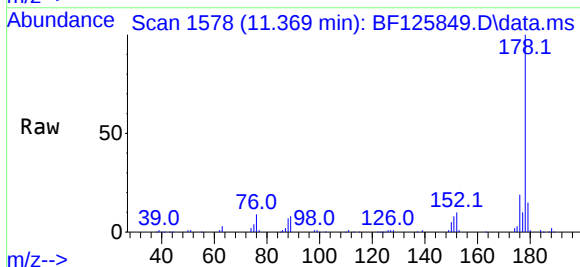
Tgt Ion:188 Resp: 634542
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.8 7.5 11.3

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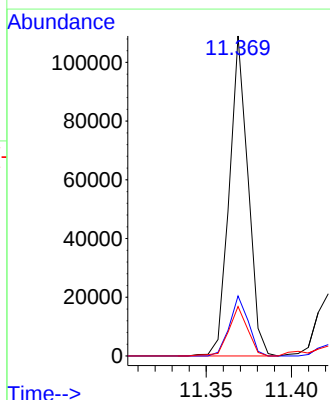
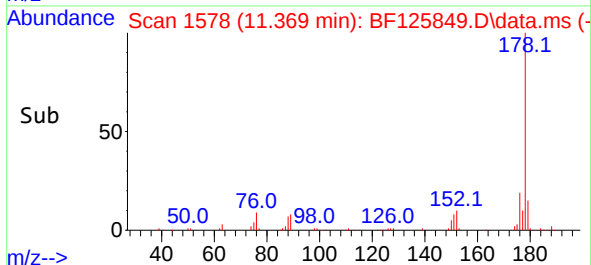
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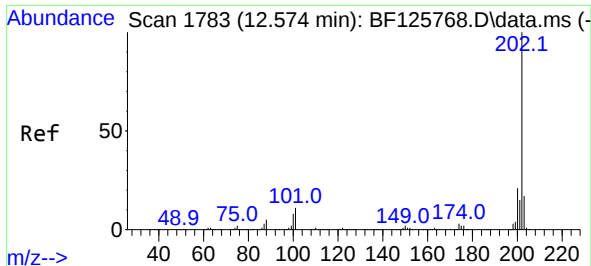


#71
Phenanthrene
Concen: 2.45 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



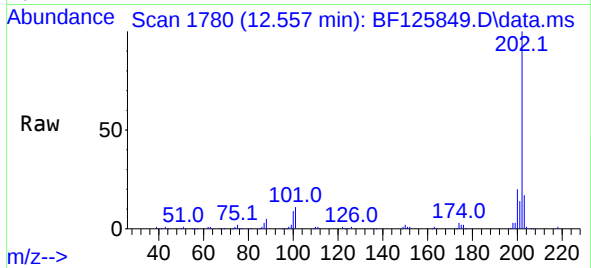
Tgt Ion:178 Resp: 83206
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 11.5 17.3





#75
Fluoranthene
Concen: 3.59 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

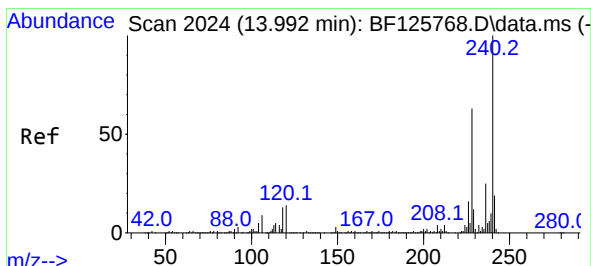
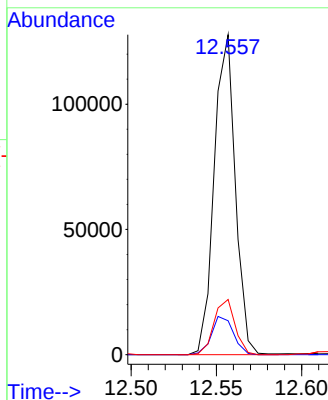
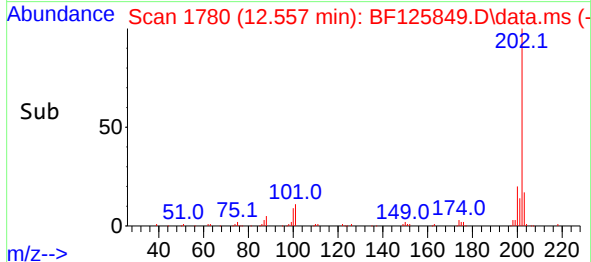
Instrument :
BNA_F
ClientSampled :
COMP-4



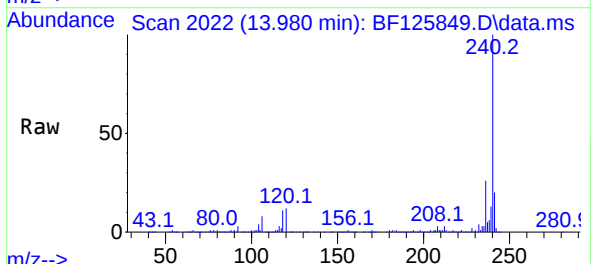
Tgt Ion:202 Resp: 110055
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.3 0.0 36.3

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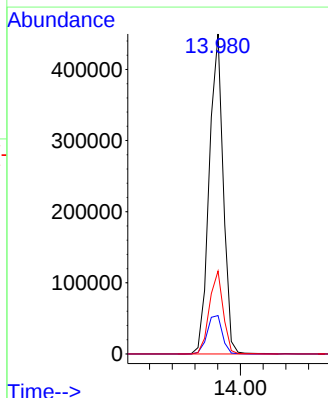
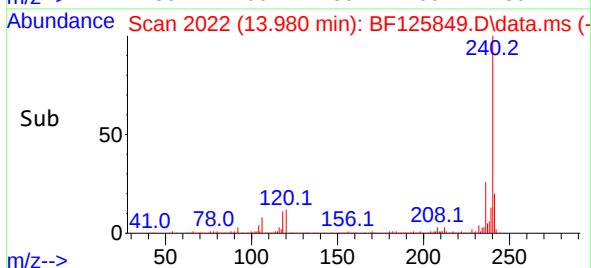
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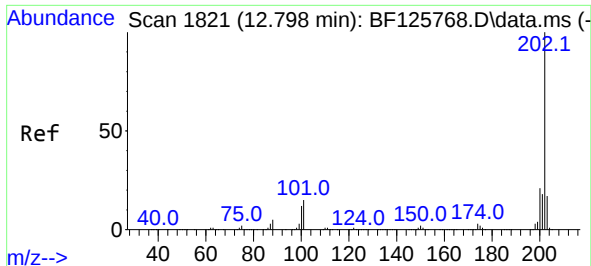


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



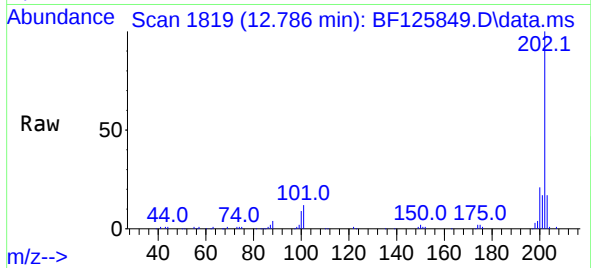
Tgt Ion:240 Resp: 383963
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.9 21.6 32.4





#78
Pyrene
Concen: 2.43 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.018 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

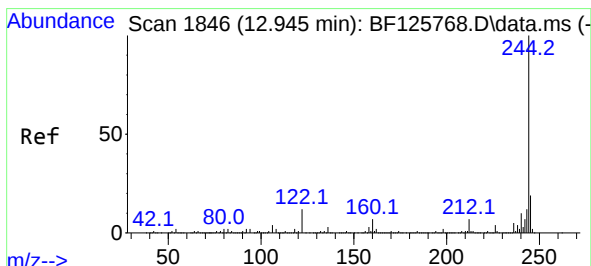
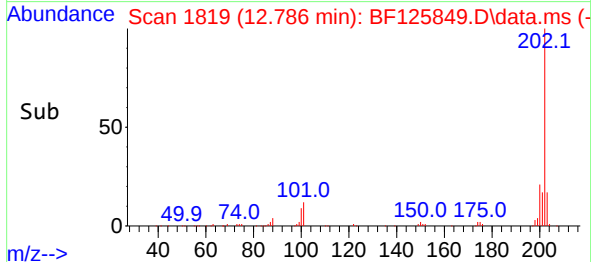
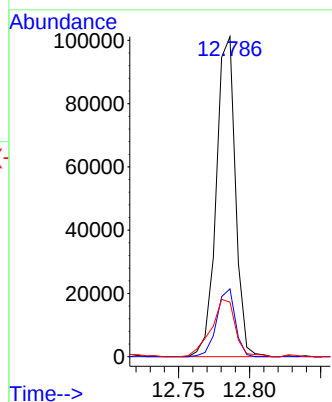
Instrument :
BNA_F
ClientSampled :
COMP-4



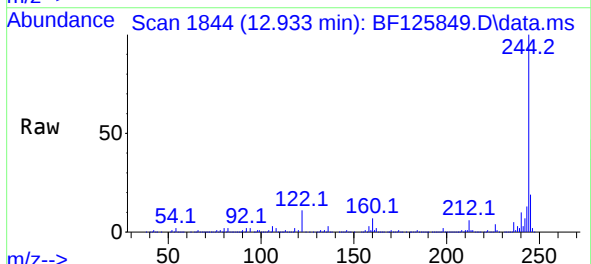
Tgt Ion:202 Resp: 94946
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 17.0 13.4 20.0

Manual Integrations
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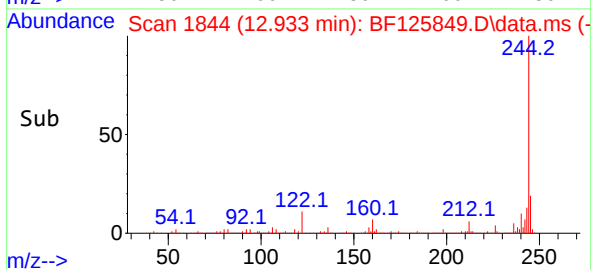
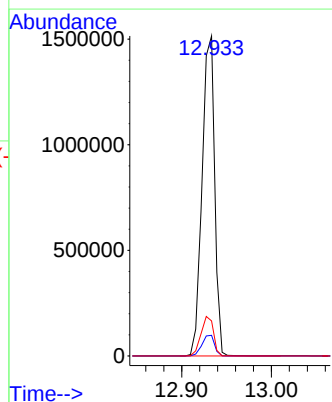
mohammad
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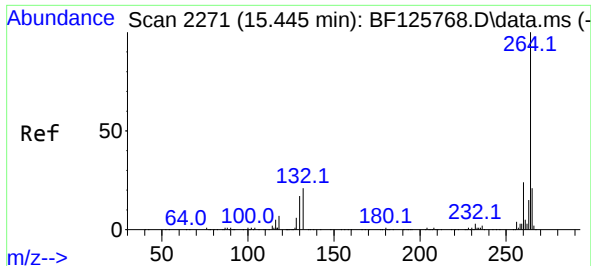


#79
Terphenyl-d14
Concen: 58.52 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



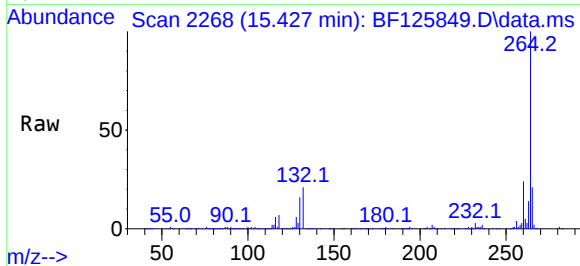
Tgt Ion:244 Resp: 1475076
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.0 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.024 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35

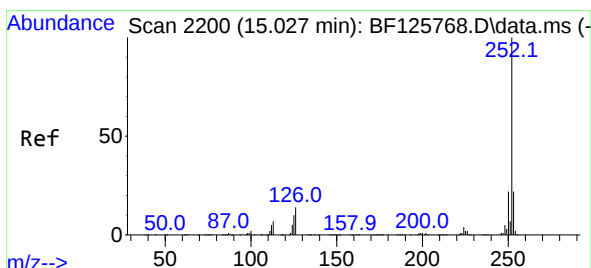
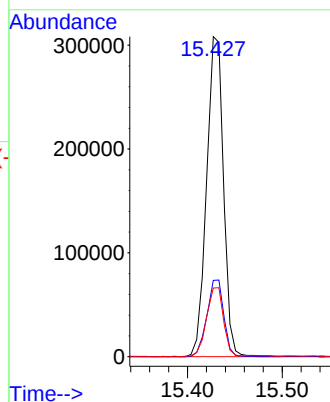
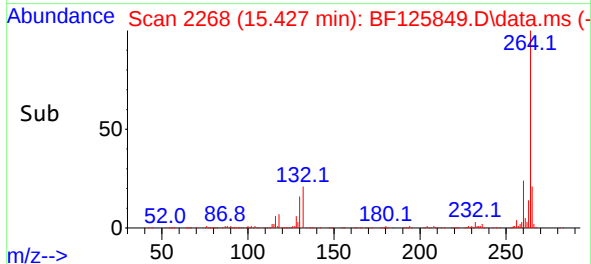
Instrument :
BNA_F
ClientSampled :
COMP-4



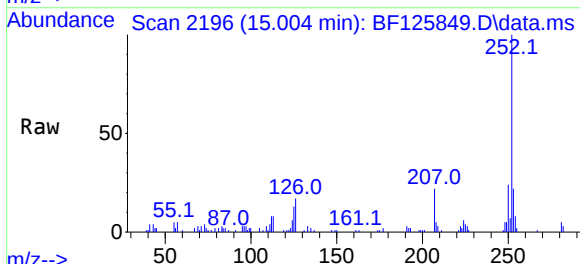
Tgt Ion:264 Resp: 383133
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8

Manual Integrations
APPROVED

mohammad
10/18/2021 8:34:23 AM



#88
Benzo(b)fluoranthene
Concen: 2.13 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.024 min
Lab File: BF125849.D
Acq: 14 Oct 2021 17:35



Tgt Ion:252 Resp: 46045
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 13.3 9.8 14.8

