

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125845.D
 Acq On : 14 Oct 2021 15:27
 Operator : JU/CG
 Sample : M4191-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Manual Integrations
 APPROVED

mohammad
 10/18/2021 8:34:13 AM

Quant Time: Oct 15 10:39:12 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	6.833	152	169927	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	695727	20.00	ng	#-0.01
39) Acenaphthene-d10	9.863	164	371303	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	645016	20.00	ng	#-0.02
76) Chrysene-d12	13.980	240	397828	20.00	ng	-0.02
86) Perylene-d12	15.433	264	394957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1377171	132.40	ng	0.00
7) Phenol-d6	6.463	99	1693811	126.49	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1012499	90.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	467970	127.65	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1879445	87.31	ng	-0.01
79) Terphenyl-d14	12.933	244	1898117	72.68	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.368	178	129957	3.77	ng	99
75) Fluoranthene	12.557	202	175318	5.63	ng	96
78) Pyrene	12.786	202	150100	3.71	ng	98
81) Benzo(a)anthracene	13.968	228	62992	2.44	ng	99
83) Chrysene	14.004	228	57608	2.26	ng	97
88) Benzo(b)fluoranthene	15.009	252	70935m	3.18	ng	
90) Benzo(a)pyrene	15.368	252	47446	2.40	ng	98

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

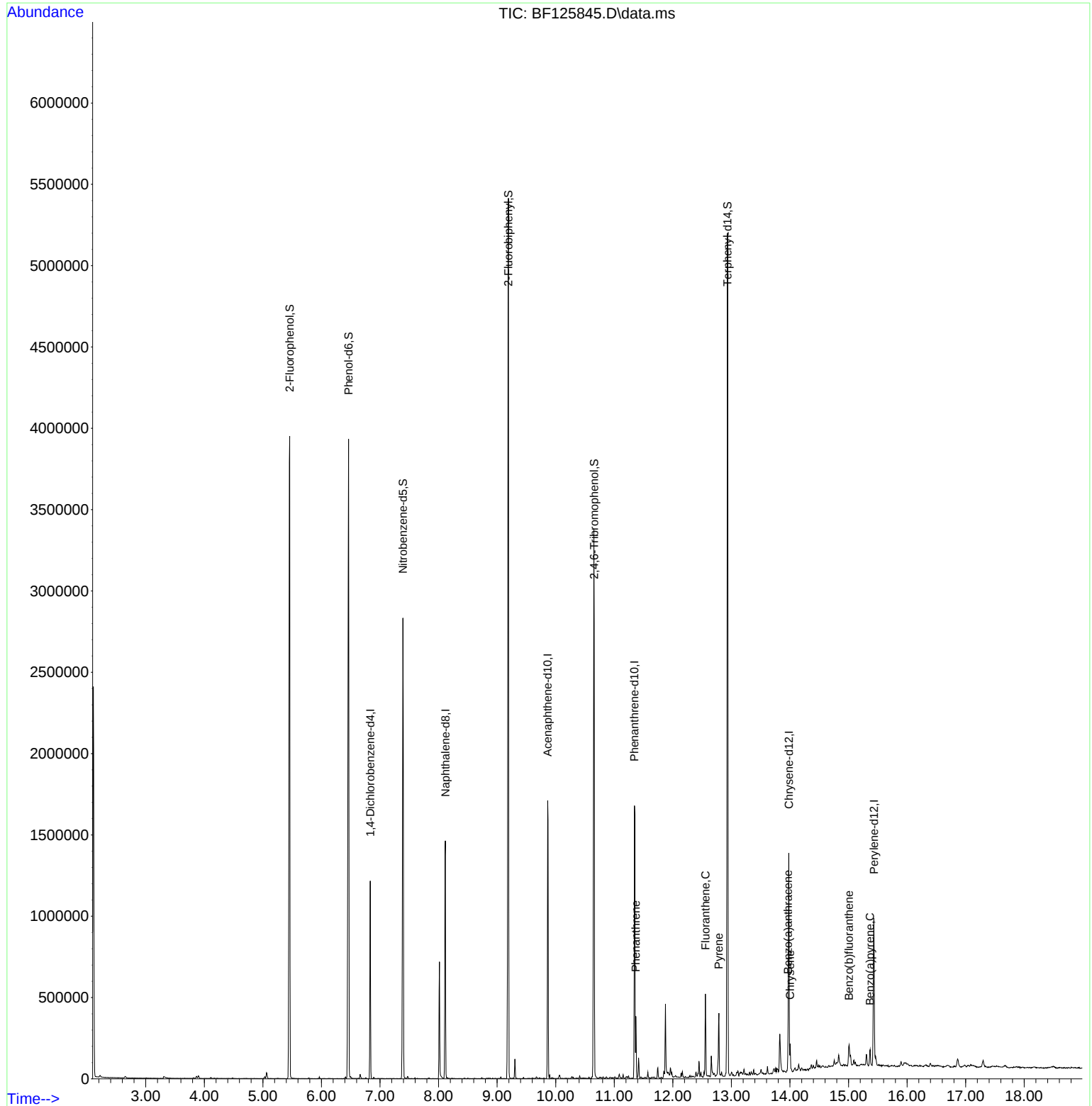
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125845.D
Acq On : 14 Oct 2021 15:27
Operator : JU/CG
Sample : M4191-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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COMP-6

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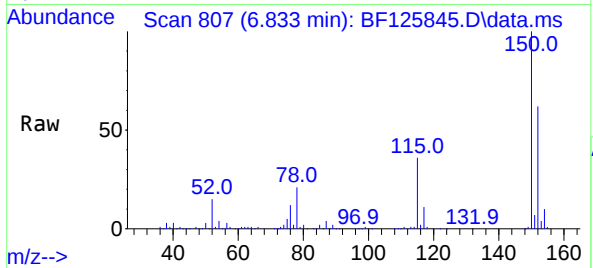
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Quant Time: Oct 15 10:39:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

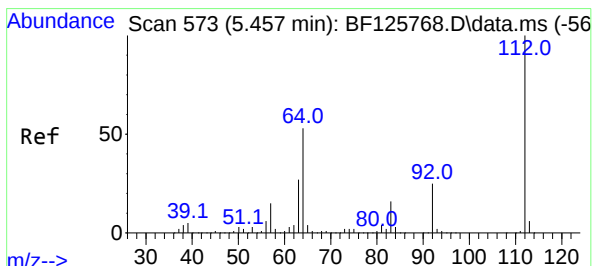
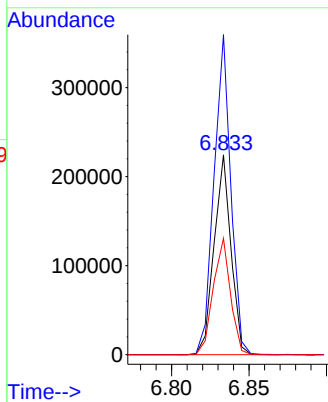
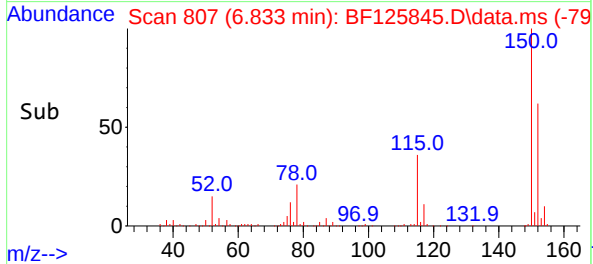




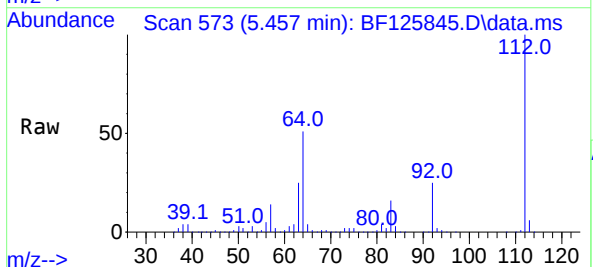
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



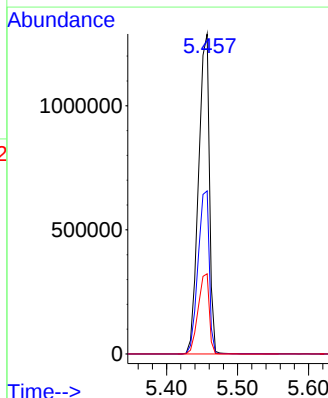
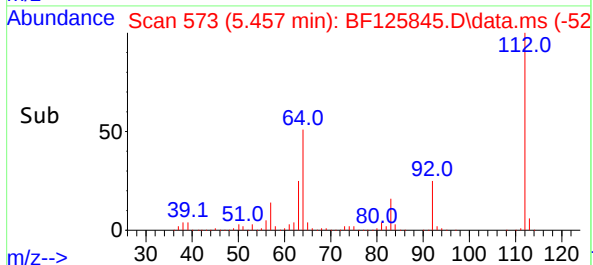
Tgt Ion:152 Resp: 169927
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 132.40 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



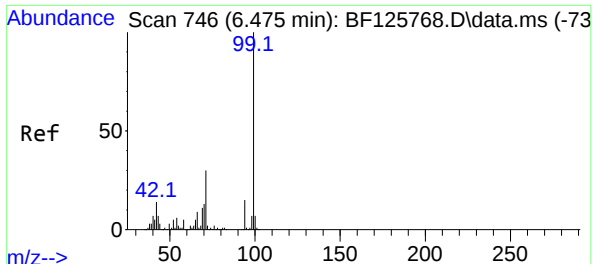
Tgt Ion:112 Resp: 1377171
Ion Ratio Lower Upper
112 100
64 51.0 44.2 66.2
63 25.1 26.2 39.2#



Instrument :
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ClientSampled :
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#7
Phenol-d6
Concen: 126.49 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

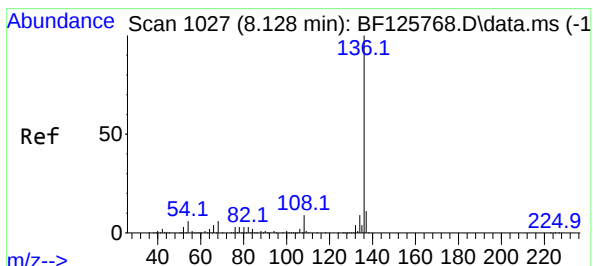
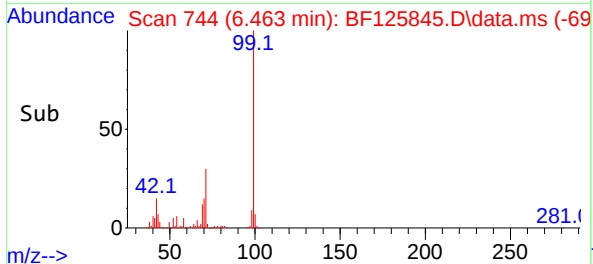
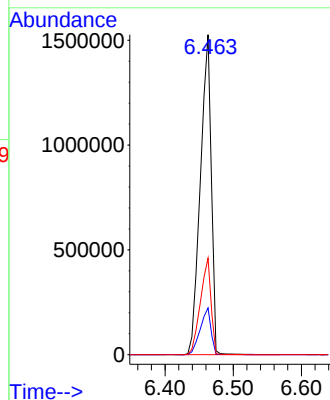
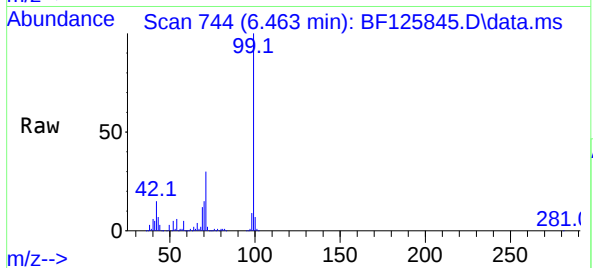
Tgt Ion: 99 Resp: 1693811

Ion	Ratio	Lower	Upper
99	100		
42	14.6	23.5	35.3#
71	30.1	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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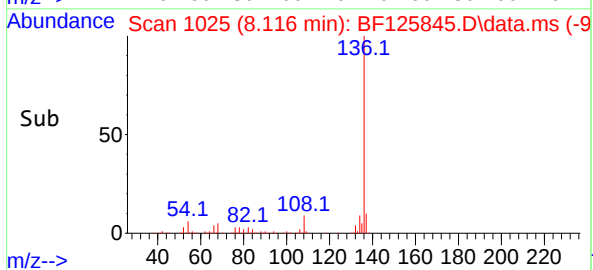
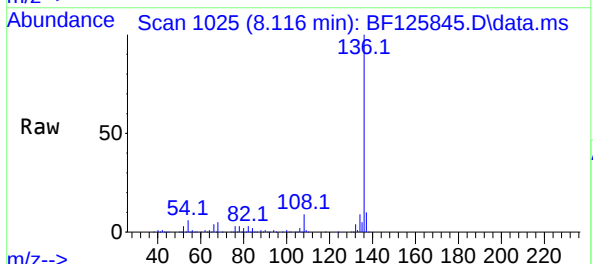
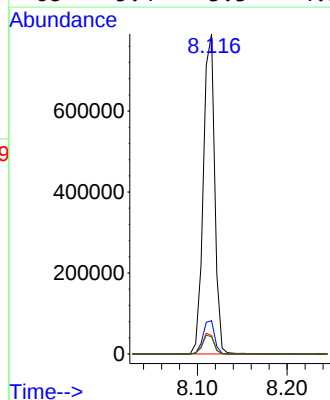
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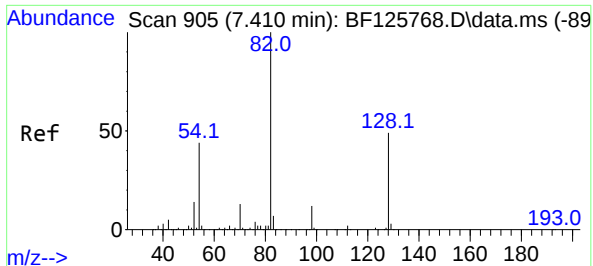


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

Tgt Ion: 136 Resp: 695727

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	5.8	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 90.46 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF125845.D

Acq: 14 Oct 2021 15:27

Tgt Ion: 82 Resp: 1012499

Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.6	60.8
54	44.0	49.6	74.4#

Instrument :

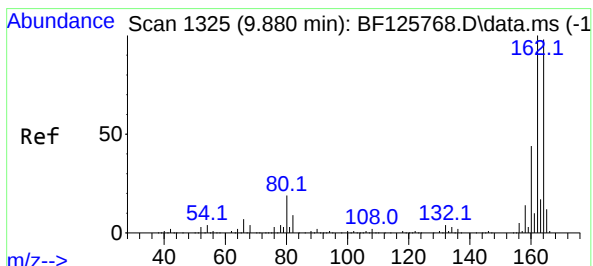
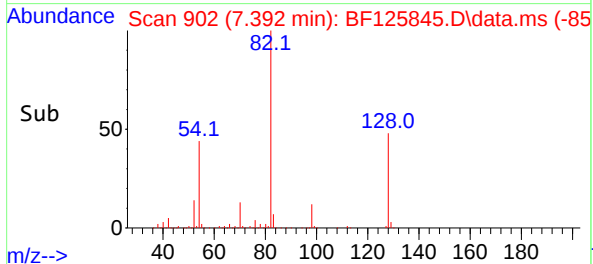
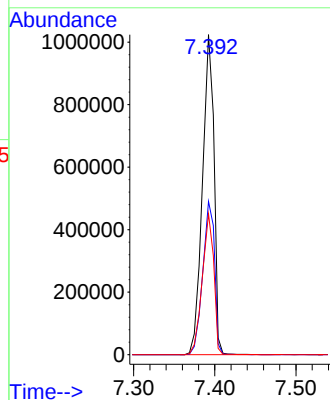
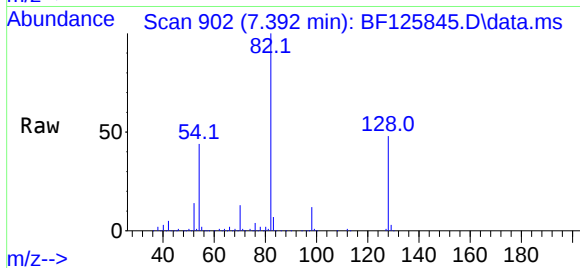
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

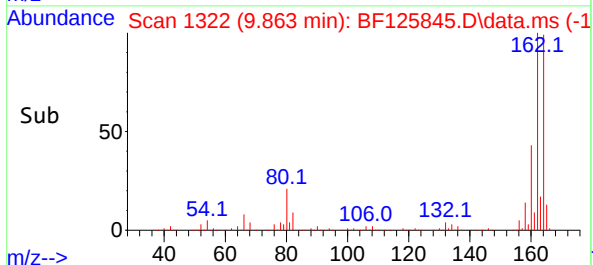
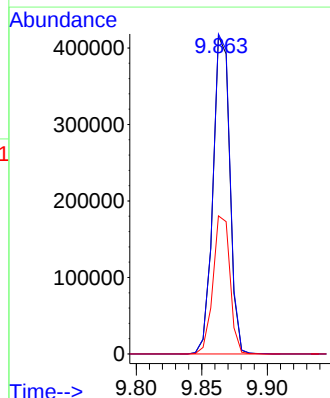
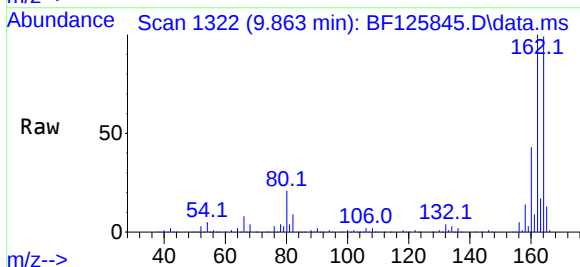
Delta R.T. -0.018 min

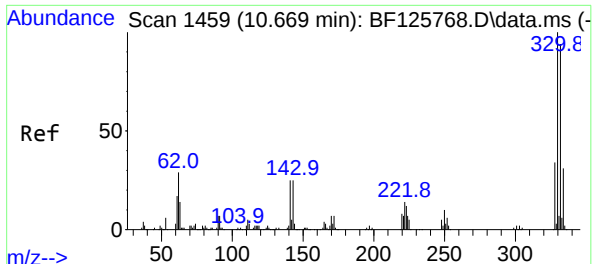
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Acq: 14 Oct 2021 15:27

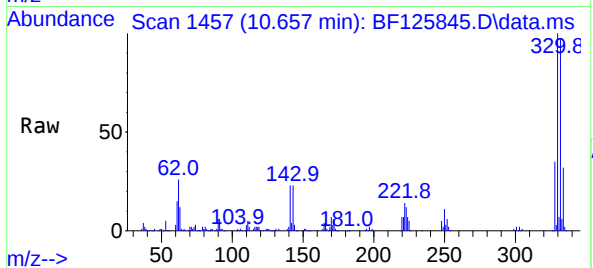
Tgt Ion: 164 Resp: 371303

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	43.4	38.0	57.0

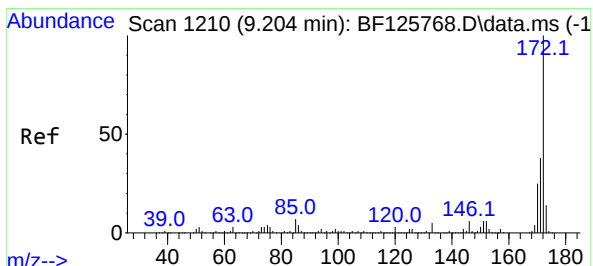
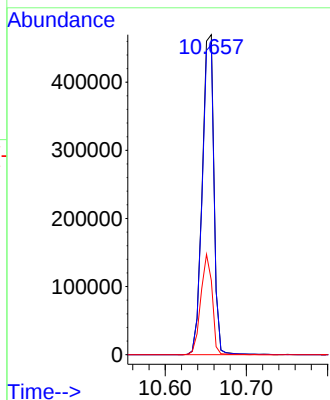
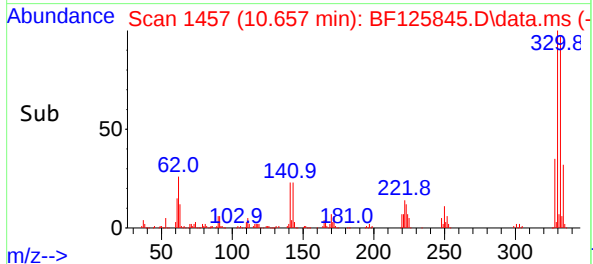




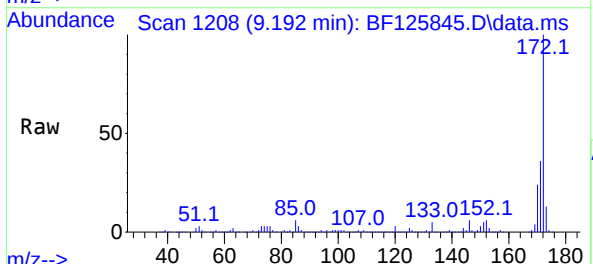
#42
2,4,6-Tribromophenol
Concen: 127.65 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



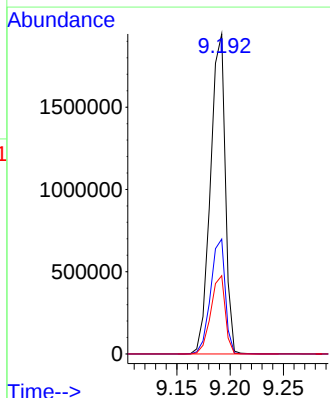
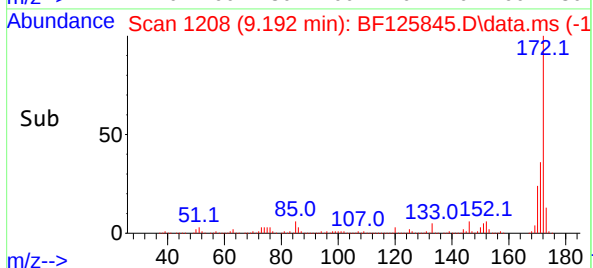
Tgt Ion: 330 Resp: 467970
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.31 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



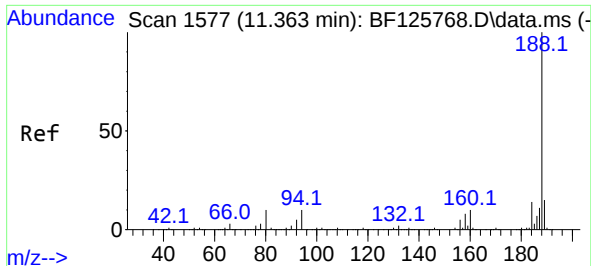
Tgt Ion: 172 Resp: 1879445
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.5 18.8 28.2



Instrument :
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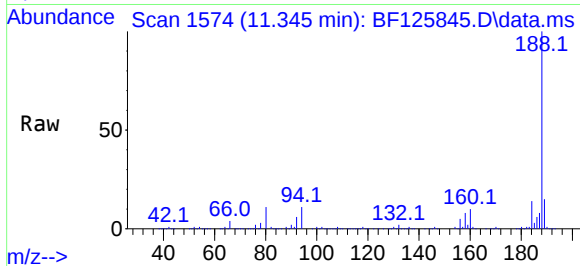
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

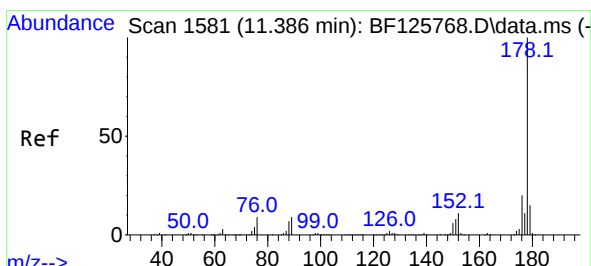
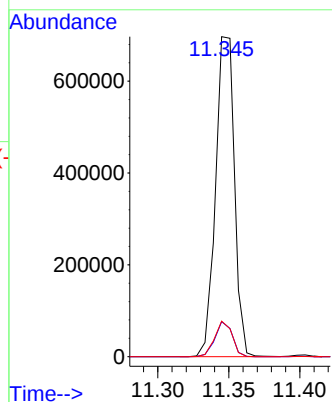
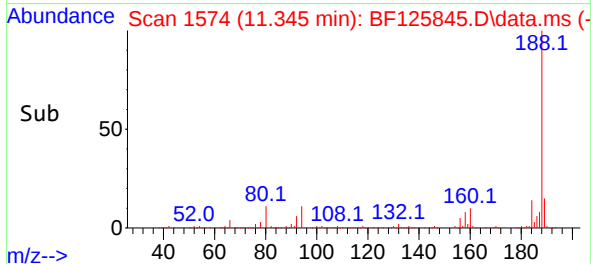
Instrument :
BNA_F
ClientSampled :
COMP-6



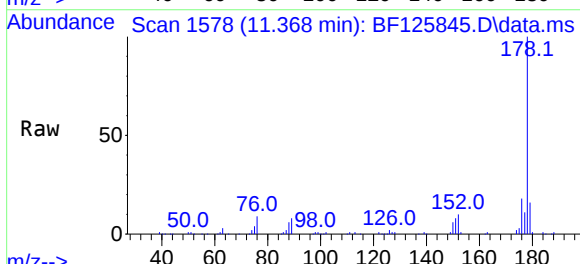
Tgt Ion:188 Resp: 645016
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.1 7.5 11.3

Manual Integrations
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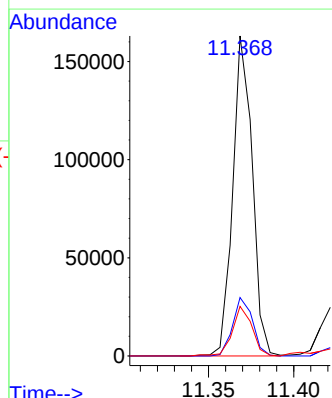
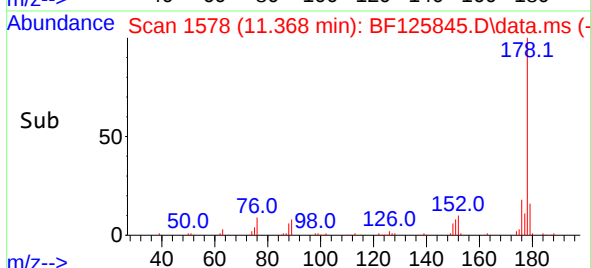
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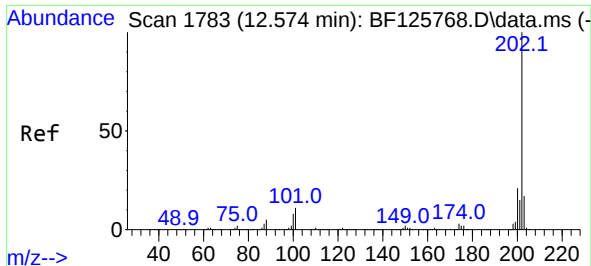


#71
Phenanthrene
Concen: 3.77 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

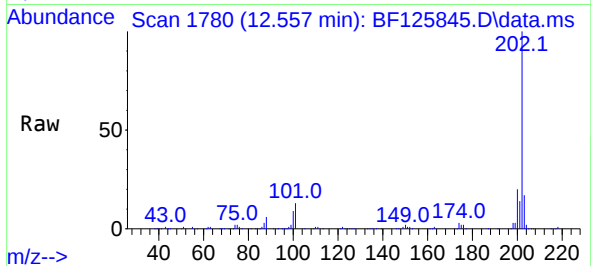


Tgt Ion:178 Resp: 129957
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.5 11.5 17.3

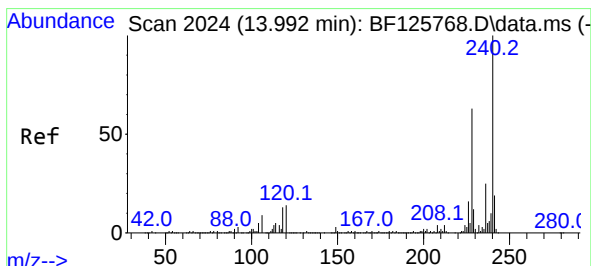
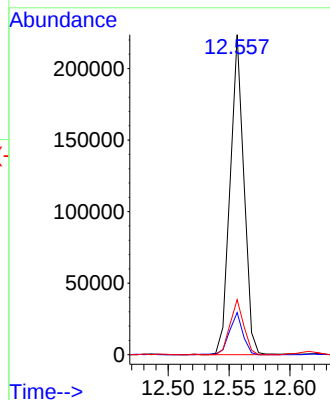
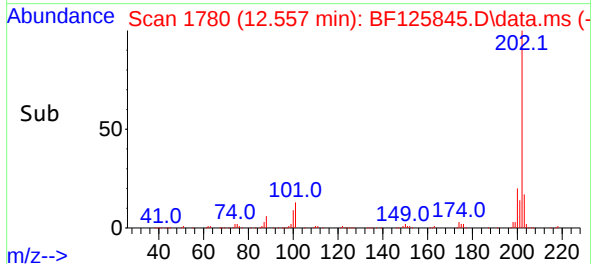




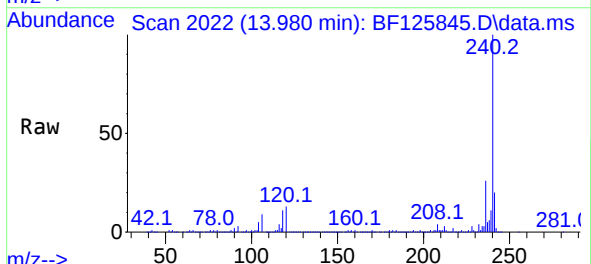
#75
Fluoranthene
Concen: 5.63 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



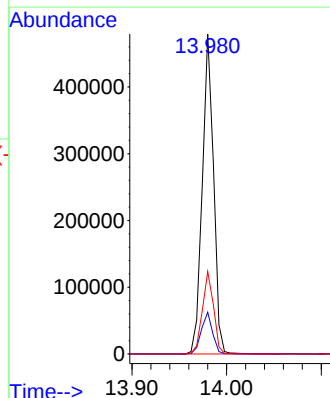
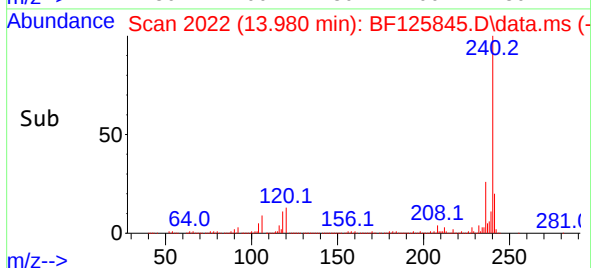
Tgt Ion:202 Resp: 175318
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.7
203 17.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



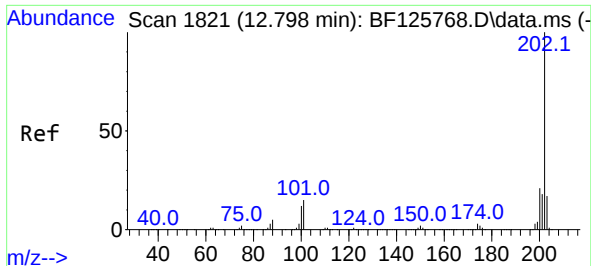
Tgt Ion:240 Resp: 397828
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 25.7 21.6 32.4



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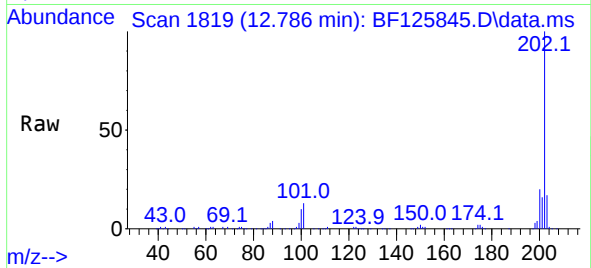
Manual Integrations
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#78
Pyrene
Concen: 3.71 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

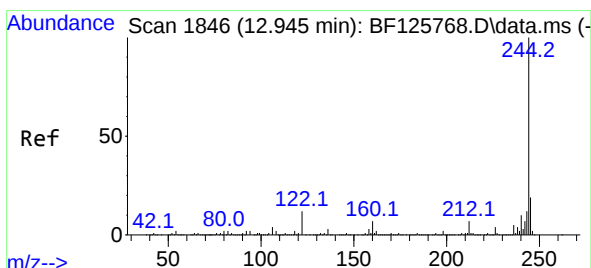
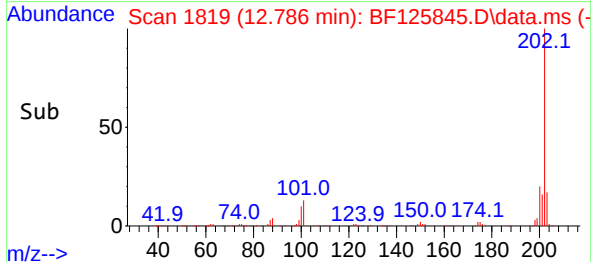
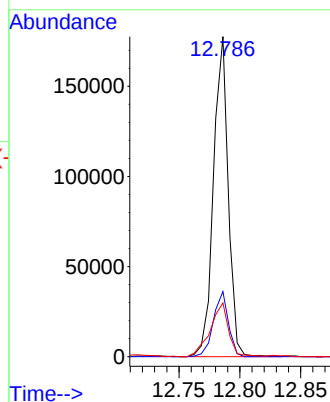
Instrument :
BNA_F
ClientSampled :
COMP-6



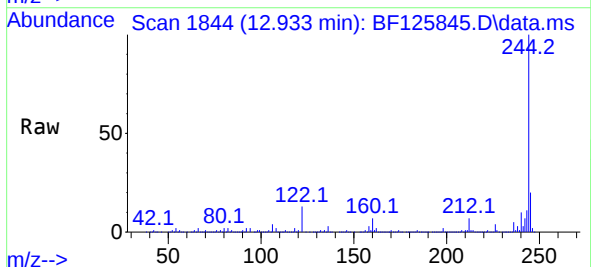
Tgt Ion:202 Resp: 150100
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 16.8 13.4 20.0

Manual Integrations
APPROVED

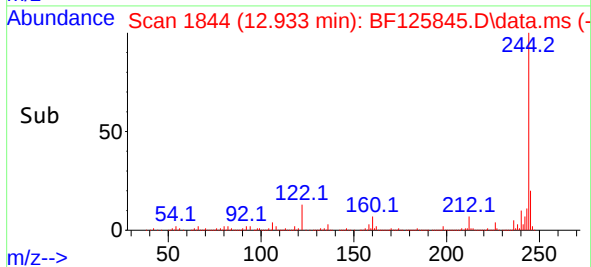
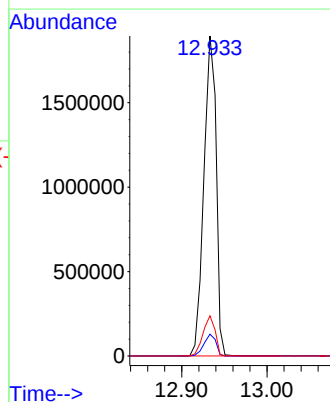
mohammad
10/18/2021 8:34:13 AM

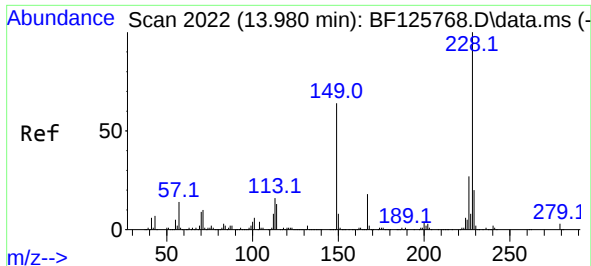


#79
Terphenyl-d14
Concen: 72.68 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

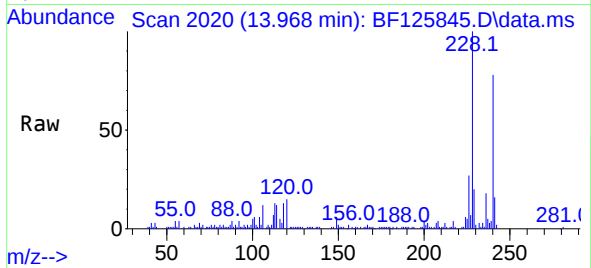


Tgt Ion:244 Resp: 1898117
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.6 9.0 13.4

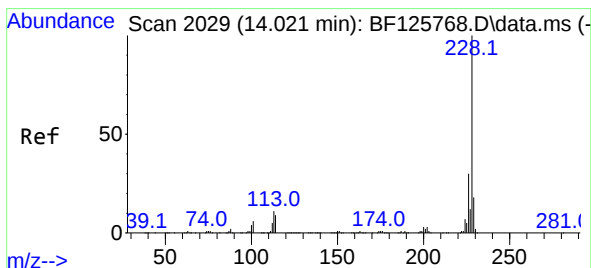
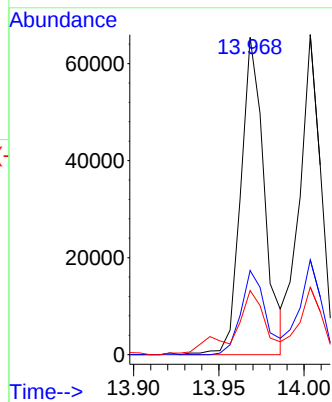
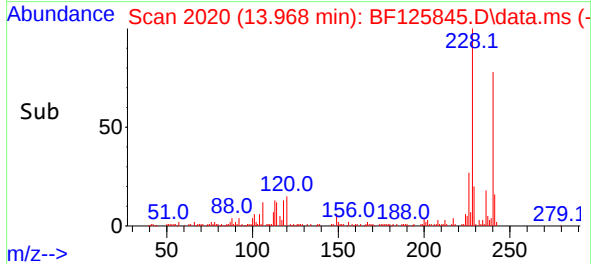




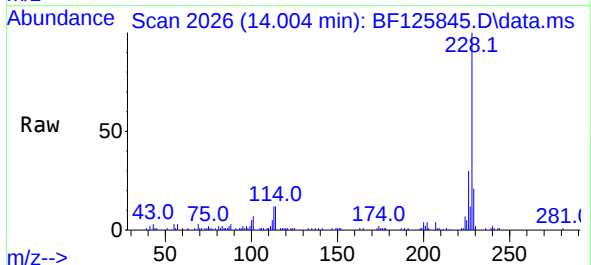
#81
Benzo(a)anthracene
Concen: 2.44 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



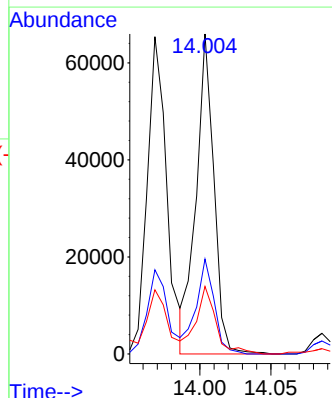
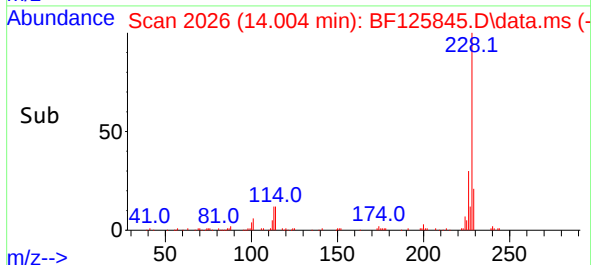
Tgt Ion:228 Resp: 62992
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 20.2 15.6 23.4



#83
Chrysene
Concen: 2.26 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.024 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



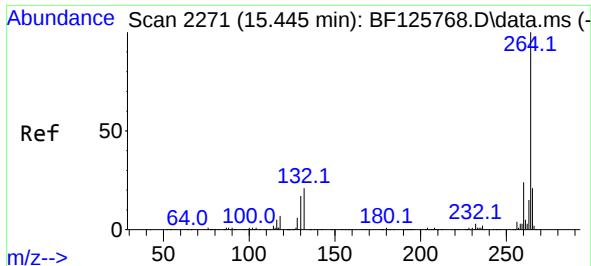
Tgt Ion:228 Resp: 57608
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 21.1 15.9 23.9



Instrument :
BNA_F
ClientSampled :
COMP-6

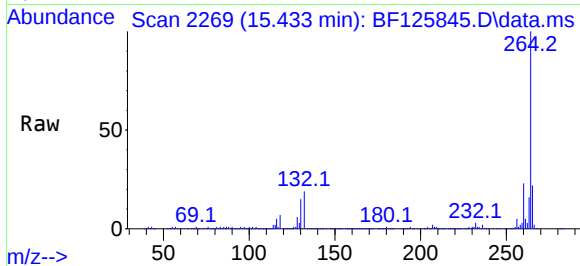
Manual Integrations
APPROVED

mohammad
10/18/2021 8:34:13 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

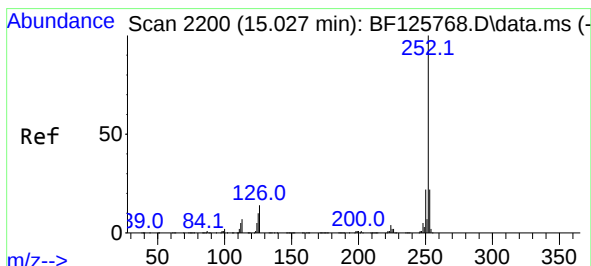
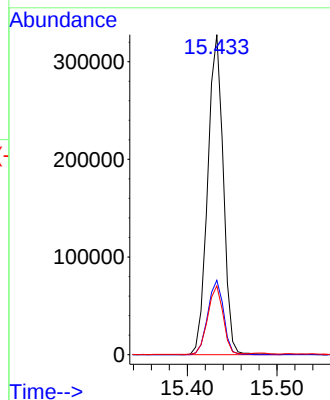
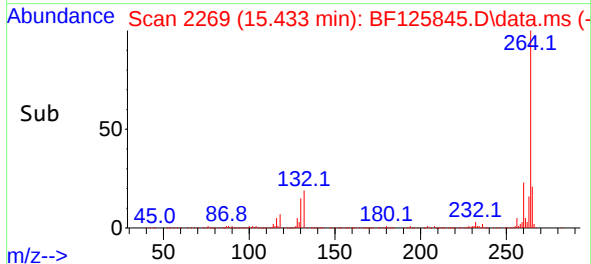
Instrument :
BNA_F
ClientSampled :
COMP-6



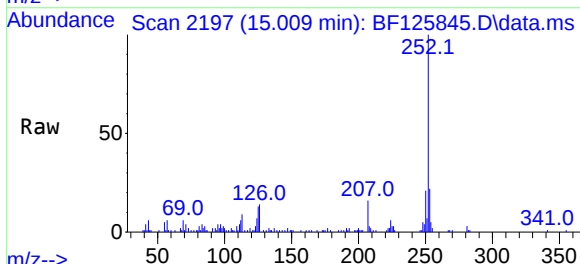
Tgt Ion:264 Resp: 394957
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.5 17.2 25.8

Manual Integrations
APPROVED

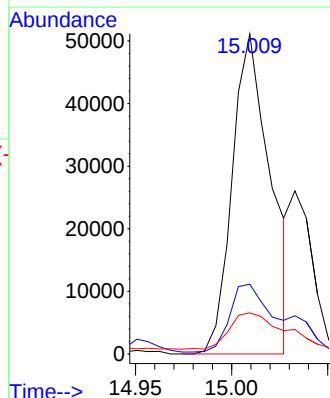
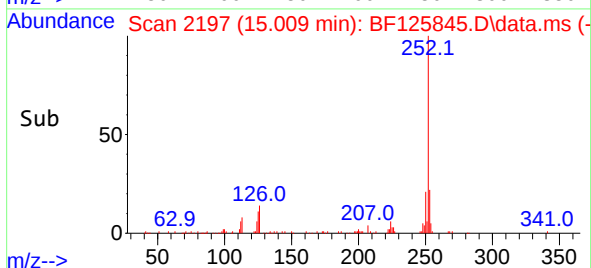
mohammad
10/18/2021 8:34:13 AM

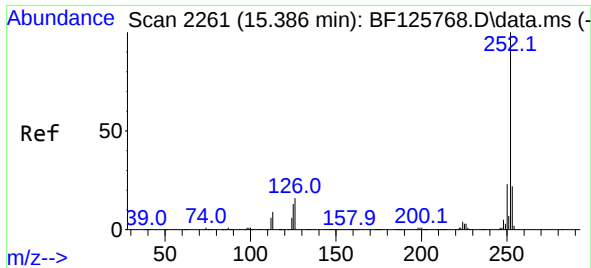


#88
Benzo(b)fluoranthene
Concen: 3.18 ng m
RT: 15.009 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27



Tgt Ion:252 Resp: 70935
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 12.8 9.8 14.8





#90
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.024 min
Lab File: BF125845.D
Acq: 14 Oct 2021 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	12.4	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
COMP-6

Manual Integrations
APPROVED

mohammad
10/18/2021 8:34:13 AM

