

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125164.D
 Acq On : 23 Aug 2021 20:13
 Operator : JU/CG
 Sample : M3467-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-9-(322.00)

Manual Integrations
 APPROVED

mohammad
 8/24/2021 11:19:52 AM

Quant Time: Aug 24 04:48:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	152827	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	587483	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	321208	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	598332	20.000	ng	0.00
76) Chrysene-d12	14.086	240	360334	20.000	ng	#-0.01
86) Perylene-d12	15.592	264	365356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1005824	99.617	ng	0.00
7) Phenol-d6	6.539	99	1285575	98.447	ng	0.00
23) Nitrobenzene-d5	7.481	82	863289	73.979	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	396973	123.808	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1388771	60.259	ng	0.00
79) Terphenyl-d14	13.033	244	1352185	59.782	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.657	202	159664	4.881	ng	98
78) Pyrene	12.886	202	142569	4.612	ng	97
83) Chrysene	14.110	228	107535	4.188	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	65913	2.504	ng	# 88
88) Benzo(b)fluoranthene	15.145	252	183551m	6.877	ng	
90) Benzo(a)pyrene	15.521	252	69749m	2.958	ng	
92) Benzo(g,h,i)perylene	17.550	276	59330	2.704	ng	# 88

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

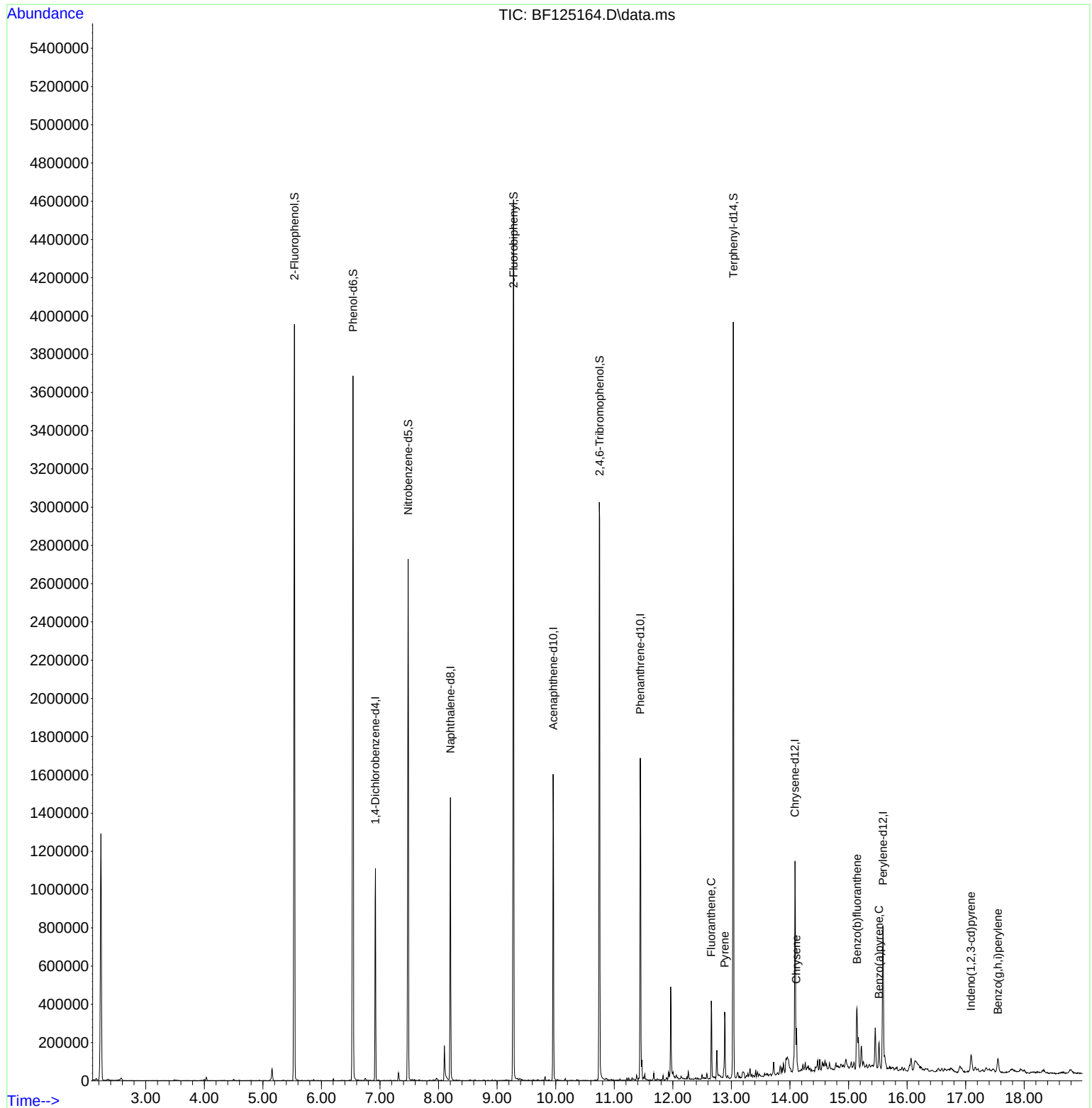
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125164.D
Acq On : 23 Aug 2021 20:13
Operator : JU/CG
Sample : M3467-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

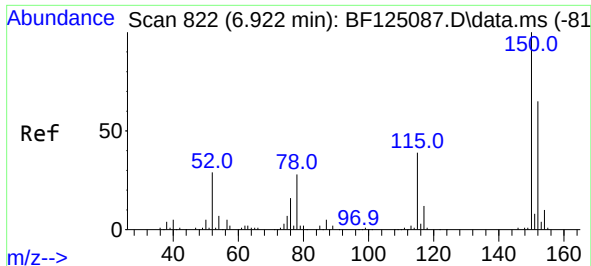
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

Manual Integrations
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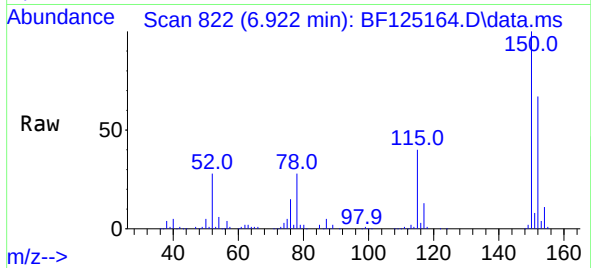
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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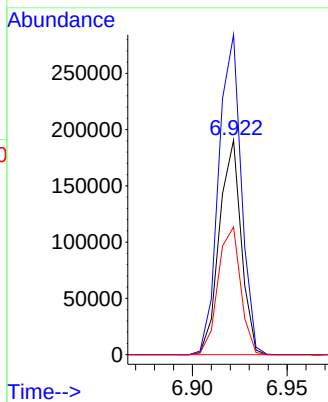
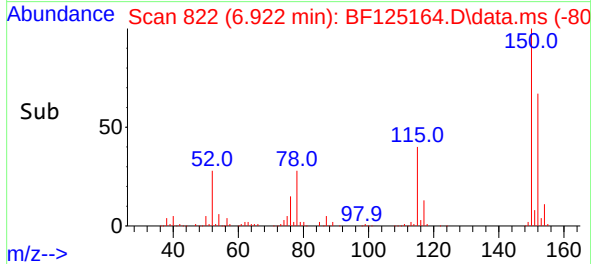




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



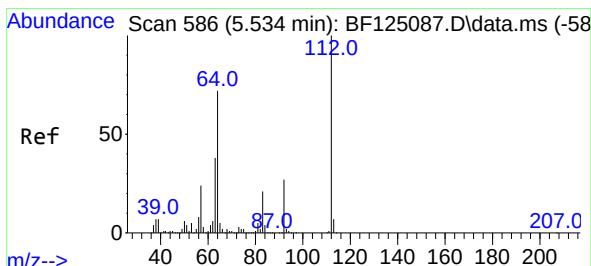
Tgt Ion:152 Resp: 152827
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 59.5 47.1 70.7



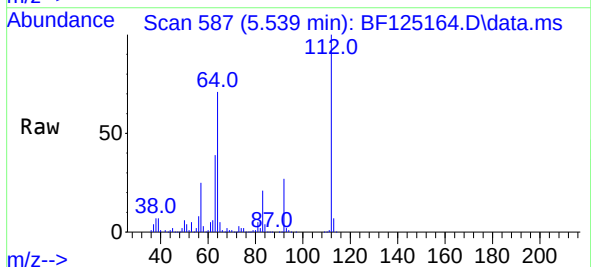
Instrument :
BNA_F
ClientSampleId :
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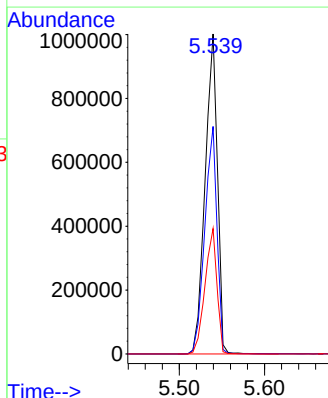
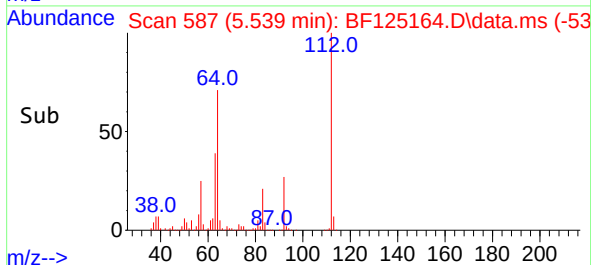
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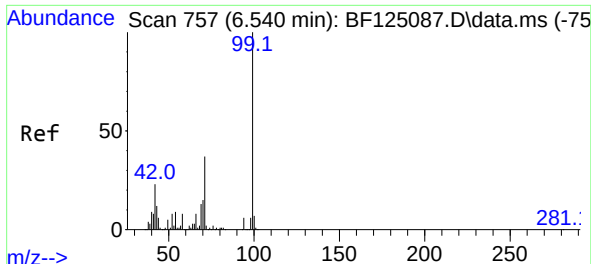


#5
2-Fluorophenol
Concen: 99.617 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.000 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



Tgt Ion:112 Resp: 1005824
Ion Ratio Lower Upper
112 100
64 71.1 44.2 66.2#
63 39.2 26.2 39.2





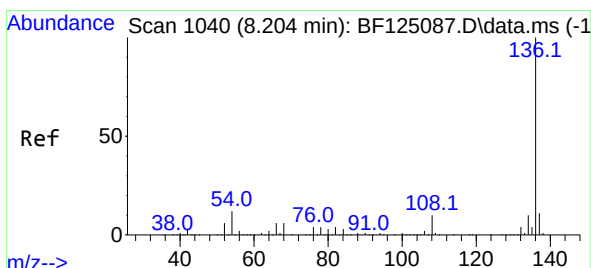
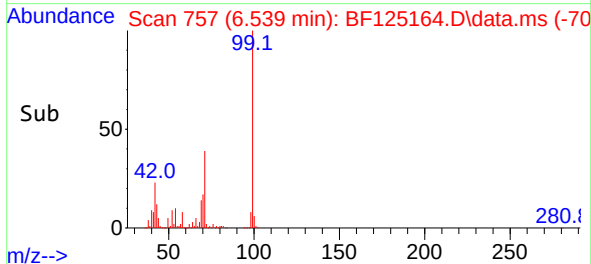
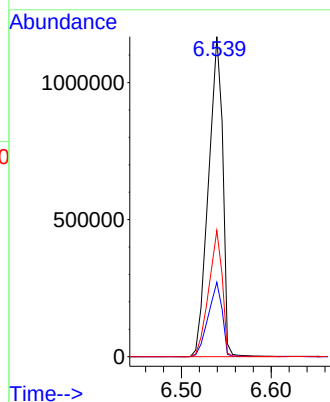
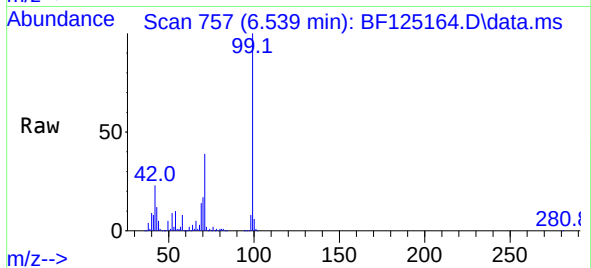
#7
Phenol-d6
Concen: 98.447 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion: 99 Resp: 1285575
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 39.5 25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

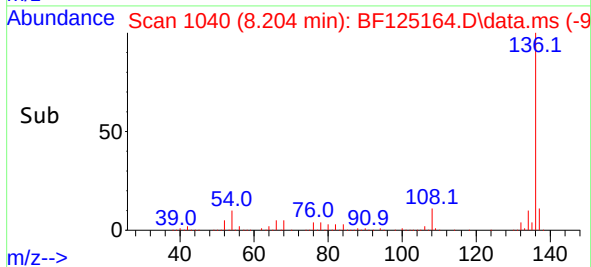
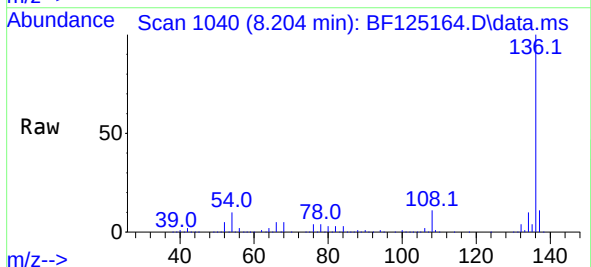
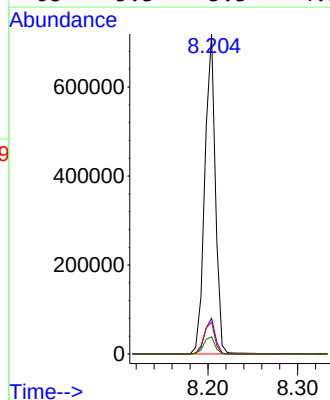
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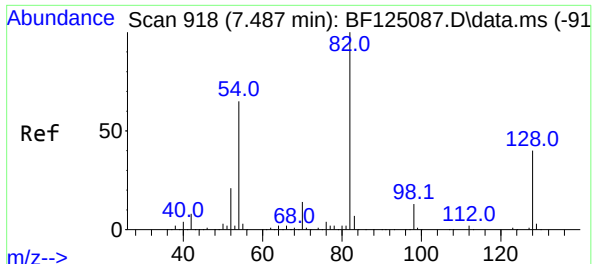
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion: 136 Resp: 587483
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.9 6.4 9.6#
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.979 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BF125164.D

Acq: 23 Aug 2021 20:13

Tgt Ion: 82 Resp: 863289

Ion Ratio Lower Upper

82 100

128 38.4 40.6 60.8#

54 64.6 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

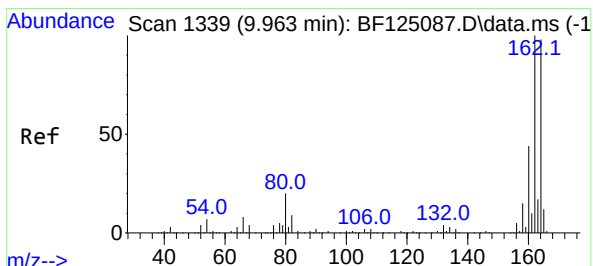
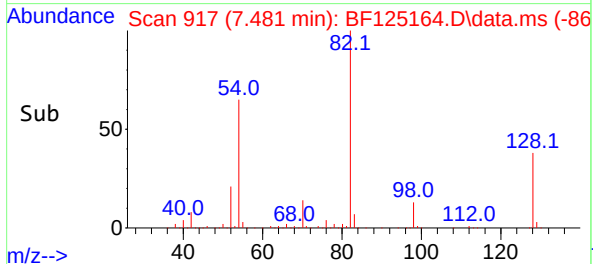
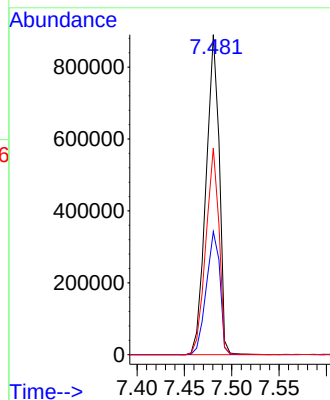
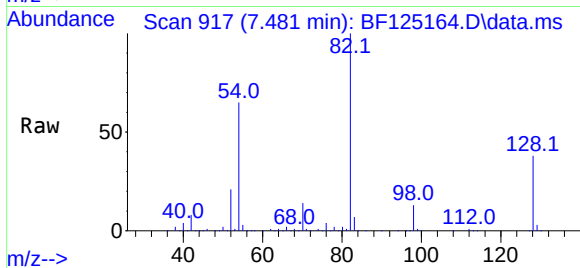
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF125164.D

Acq: 23 Aug 2021 20:13

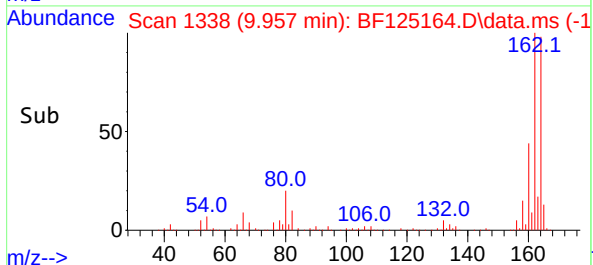
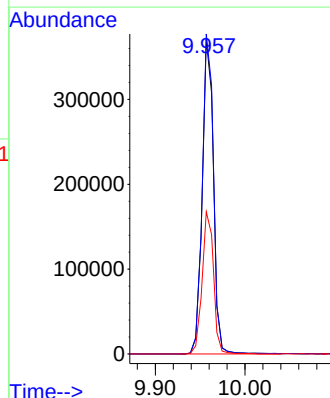
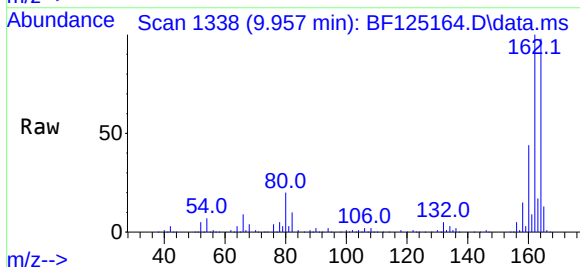
Tgt Ion:164 Resp: 321208

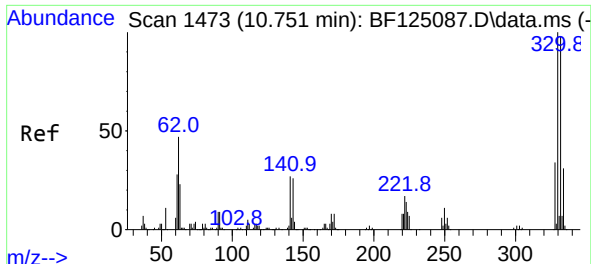
Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

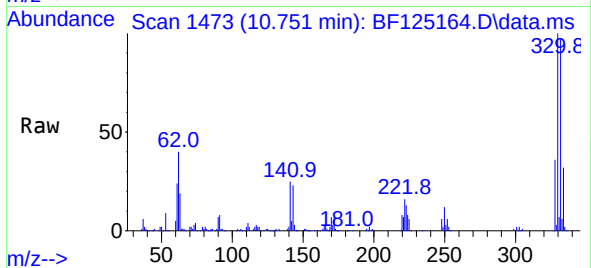
160 45.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 123.808 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

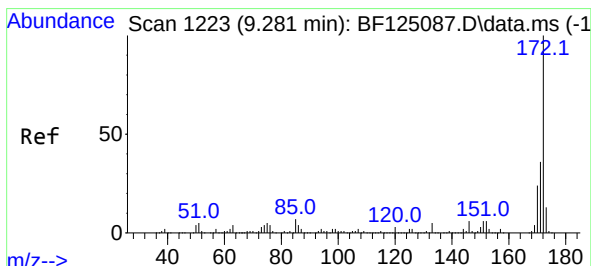
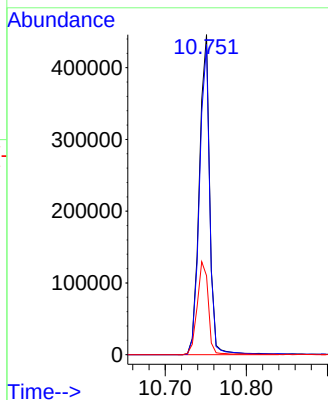
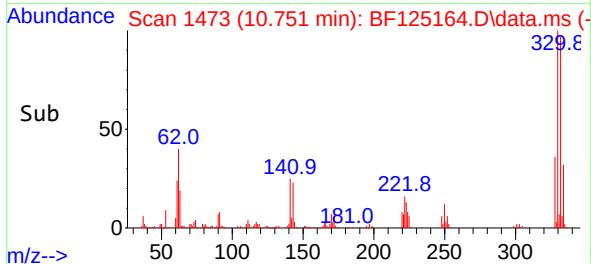
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)



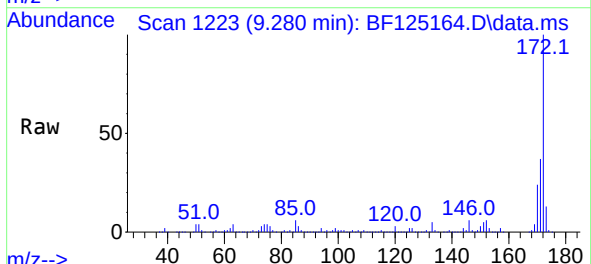
Tgt Ion:330 Resp: 396973
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 31.3 44.6 66.8#

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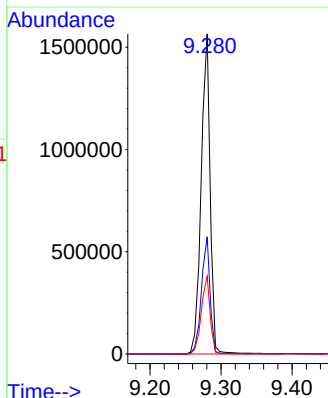
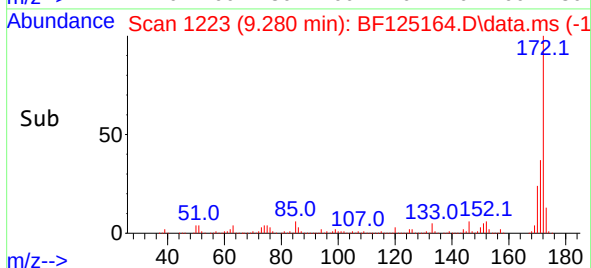
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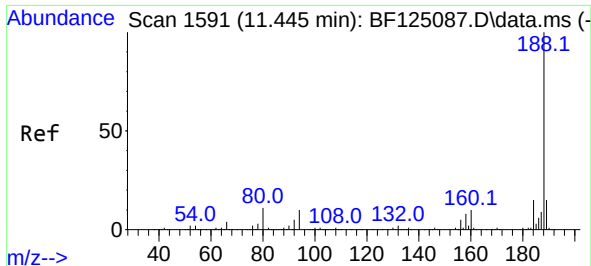


#45
2-Fluorobiphenyl
Concen: 60.259 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



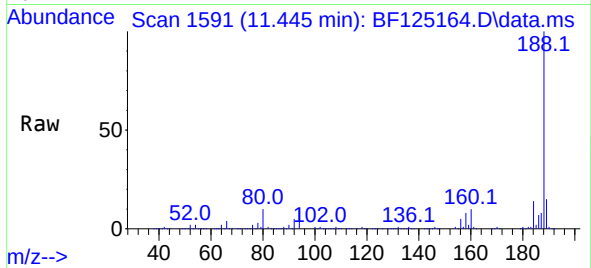
Tgt Ion:172 Resp: 1388771
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

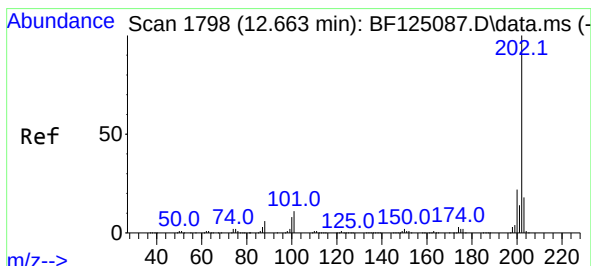
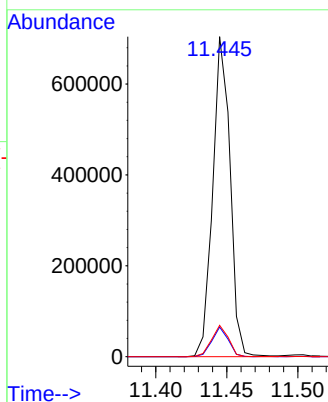
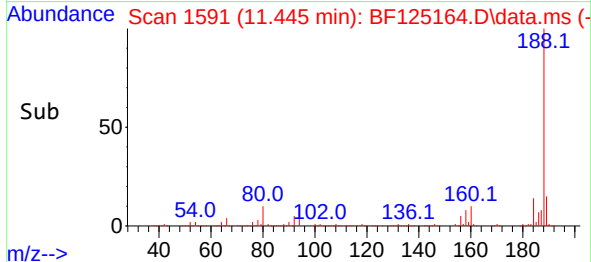
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)



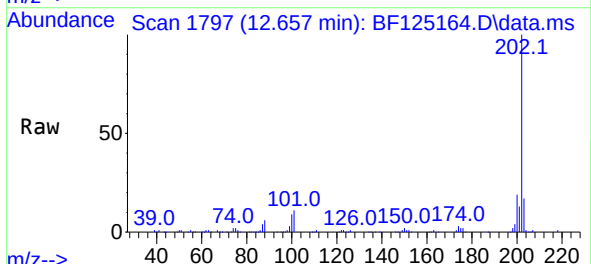
Tgt Ion:188 Resp: 598332
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.8 7.5 11.3

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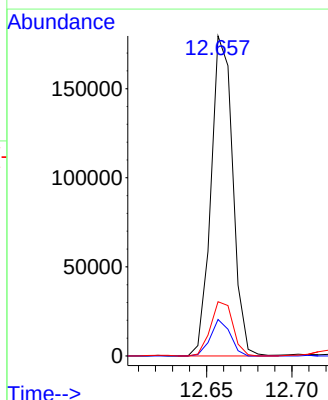
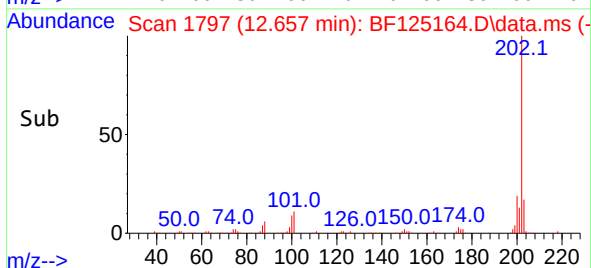
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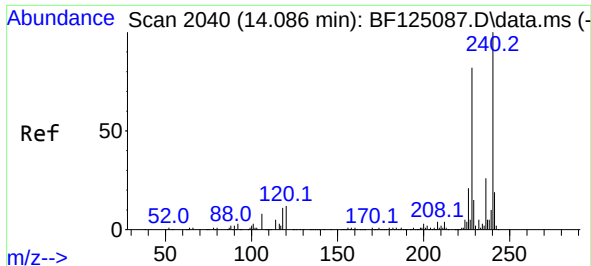


#75
Fluoranthene
Concen: 4.881 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



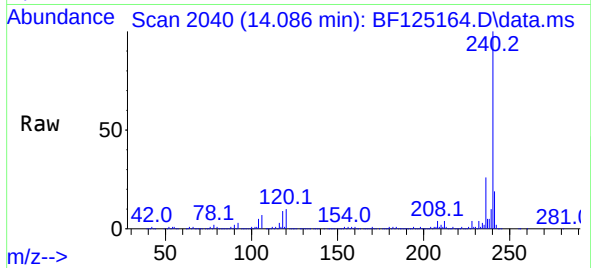
Tgt Ion:202 Resp: 159664
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 16.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

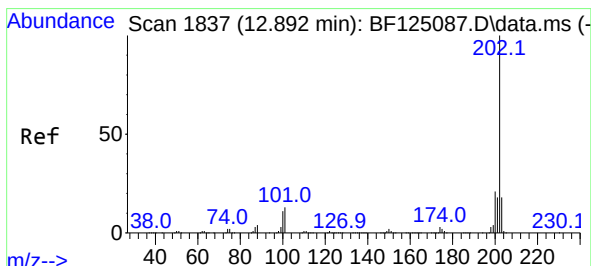
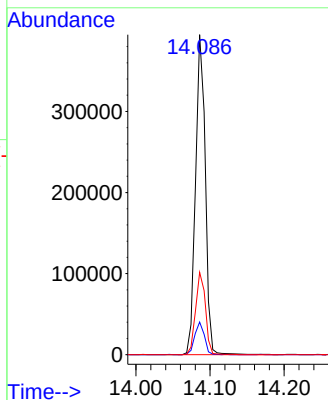
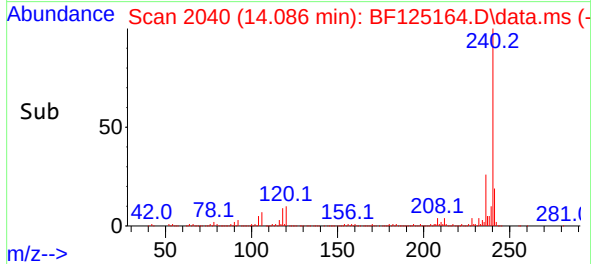
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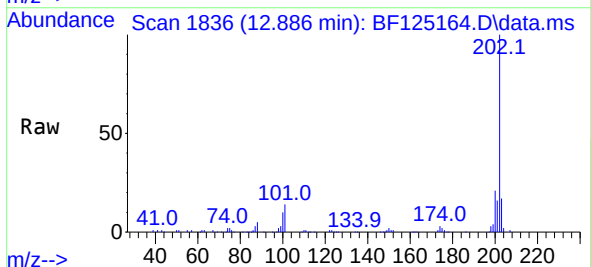
Tgt Ion:240 Resp: 360334
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 25.7 21.6 32.4

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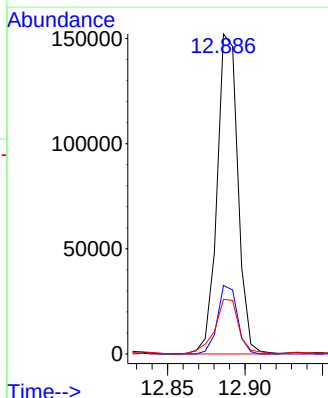
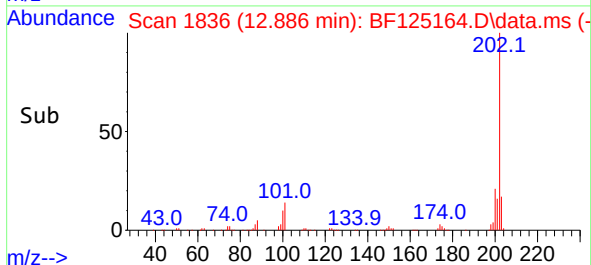
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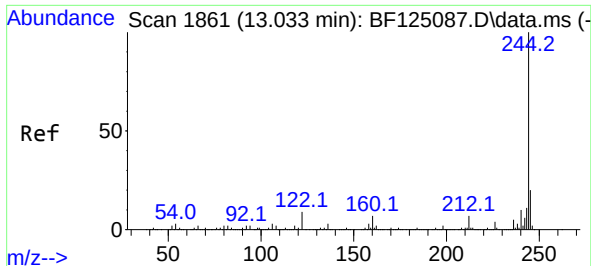


#78
Pyrene
Concen: 4.612 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



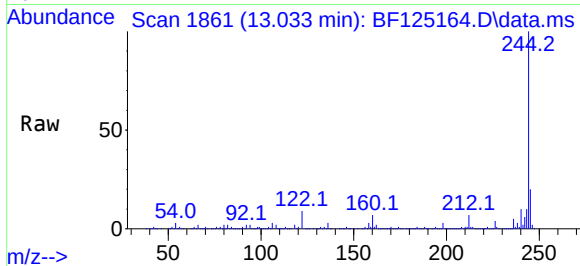
Tgt Ion:202 Resp: 142569
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 17.1 13.4 20.0





#79
Terphenyl-d14
Concen: 59.782 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

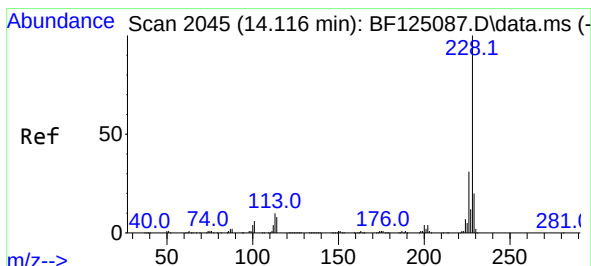
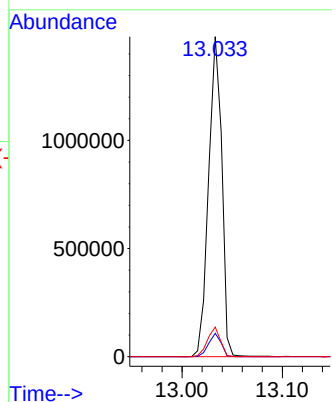
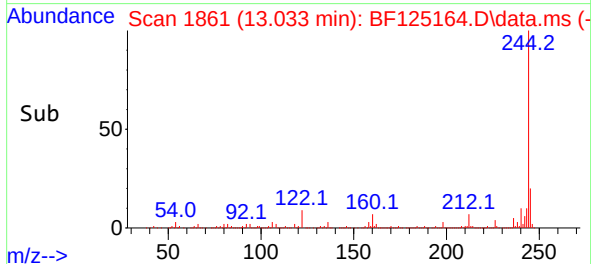
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)



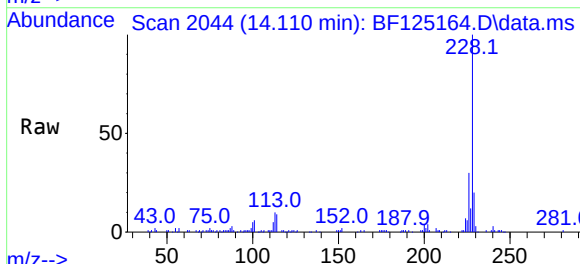
Tgt Ion:244 Resp: 1352185
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.2 9.0 13.4

Manual Integrations
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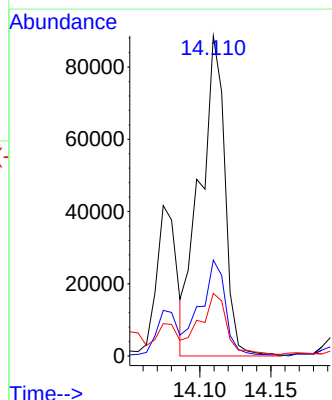
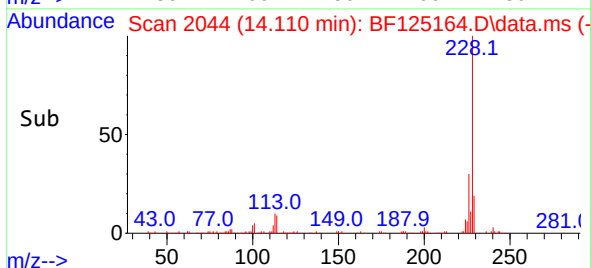
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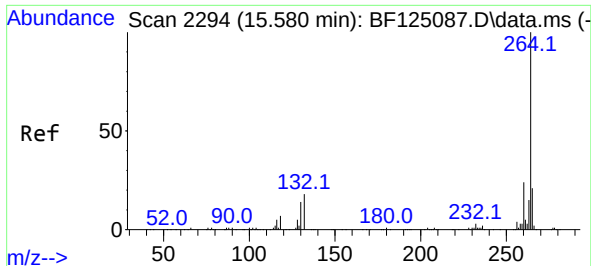


#83
Chrysene
Concen: 4.188 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



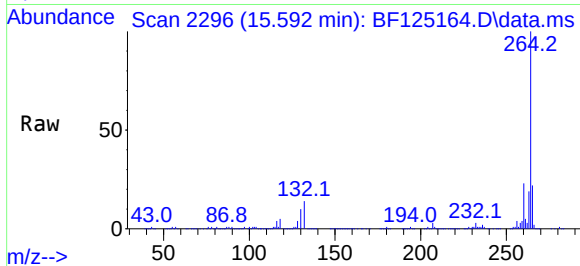
Tgt Ion:228 Resp: 107535
Ion Ratio Lower Upper
228 100
226 29.9 22.6 34.0
229 19.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

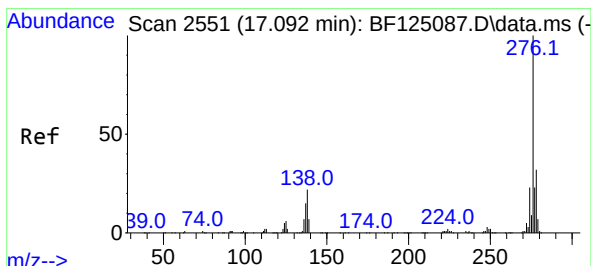
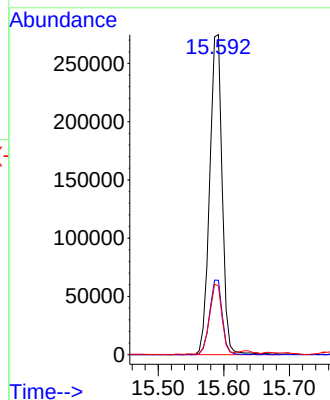
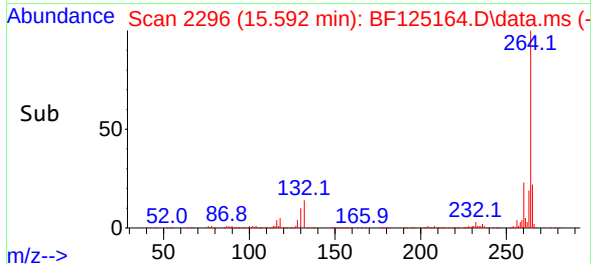
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)



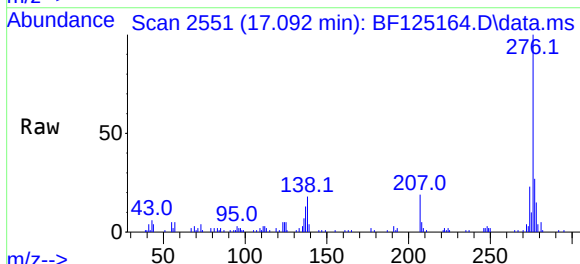
Tgt Ion:264 Resp: 365356
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.5 17.2 25.8

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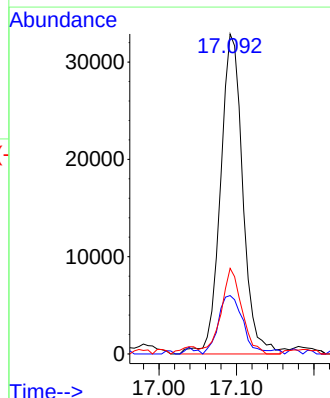
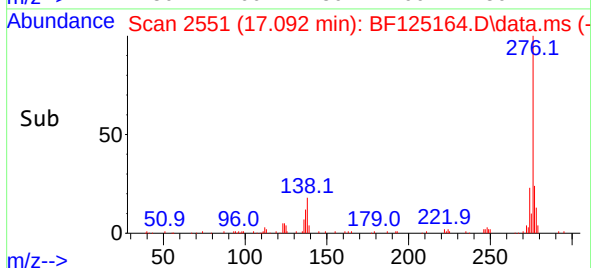
mohammad
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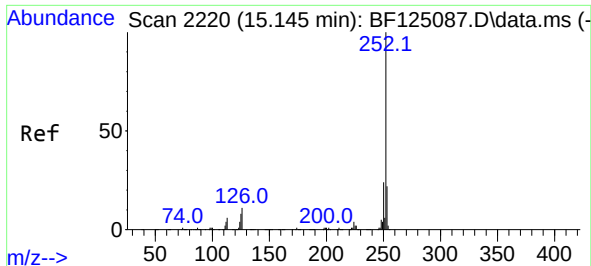


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.504 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.029 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13



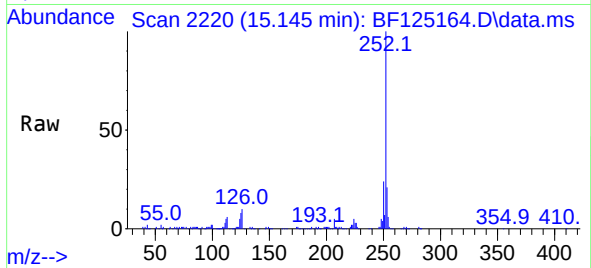
Tgt Ion:276 Resp: 65913
Ion Ratio Lower Upper
276 100
138 19.9 24.1 36.1#
277 24.9 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 6.877 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

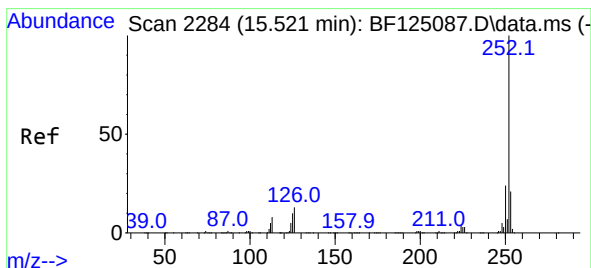
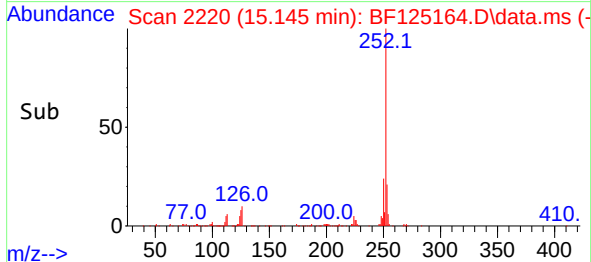
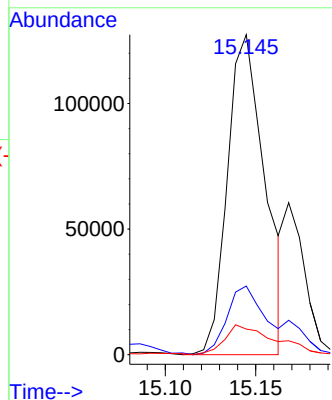
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)



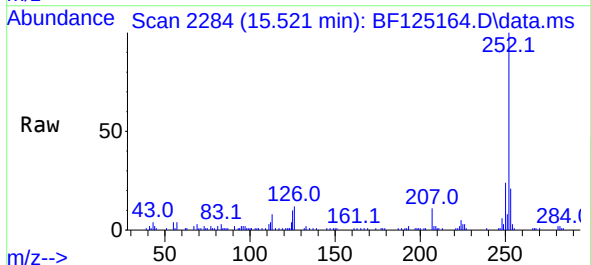
Tgt Ion:252 Resp: 183551
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 8.0 9.8 14.8#

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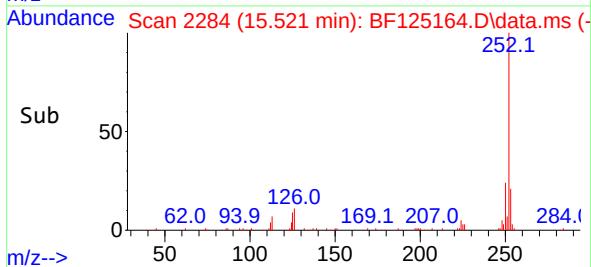
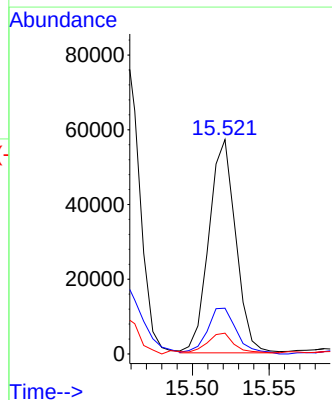
mohammad
8/24/2021 11:19:52 AM

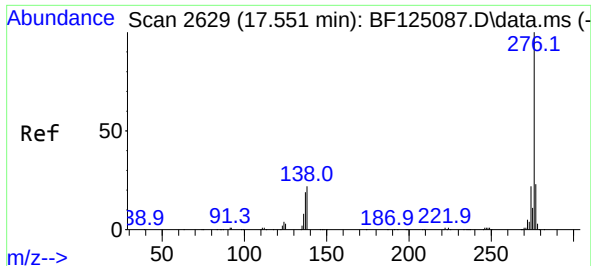


#90
Benzo(a)pyrene
Concen: 2.958 ng m
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

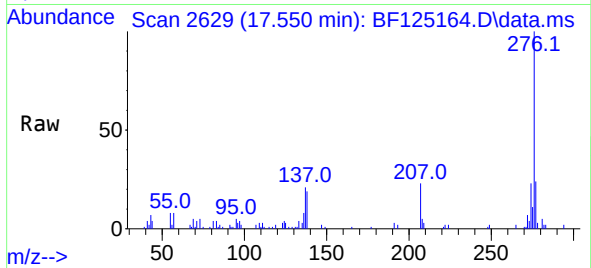


Tgt Ion:252 Resp: 69749
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 9.7 9.9 14.9#

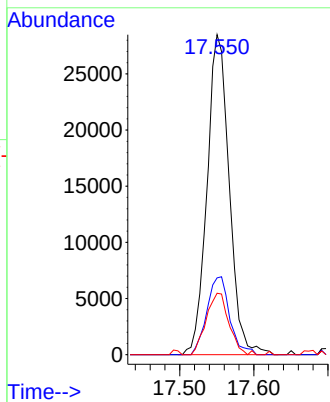
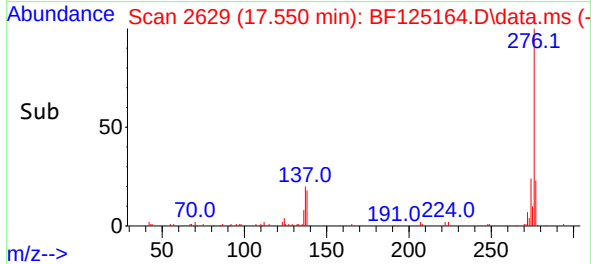




#92
 Benzo(g,h,i)perylene
 Concen: 2.704 ng
 RT: 17.550 min Scan# 2629
 Delta R.T. -0.035 min
 Lab File: BF125164.D
 Acq: 23 Aug 2021 20:13



Tgt Ion:	276	Resp:	59330
Ion Ratio	Lower	Upper	
276	100		
277	24.0	22.0	33.0
138	19.2	22.2	33.4#



Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-9-(322.00)

Manual Integrations
 APPROVED

mohammad
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