

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125024.D
 Acq On : 10 Aug 2021 3:31
 Operator : JU/CG
 Sample : M3315-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-08062021

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Quant Time: Aug 10 04:48:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5546	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	17530	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	7782	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	14155	20.000	ng	0.00
76) Chrysene-d12	13.980	240	10087	20.000	ng	0.00
86) Perylene-d12	15.445	264	7374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	4910	14.503	ng	0.00
7) Phenol-d6	6.451	99	5753	13.476	ng	0.00
23) Nitrobenzene-d5	7.381	82	4030	12.026	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	1032	14.844	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	6411	12.055	ng	0.00
79) Terphenyl-d14	12.922	244	6956	11.632	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.369	178	7497	9.764	ng	98
72) Anthracene	11.416	178	1800m	2.337	ng	
75) Fluoranthene	12.557	202	6724	8.465	ng	99
78) Pyrene	12.786	202	9498	11.954	ng	97
81) Benzo(a)anthracene	13.974	228	3411	5.189	ng	# 90
83) Chrysene	14.010	228	3123	4.915	ng	# 89
88) Benzo(b)fluoranthene	15.016	252	2351m	4.541	ng	
90) Benzo(a)pyrene	15.380	252	1998	4.532	ng	# 87

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

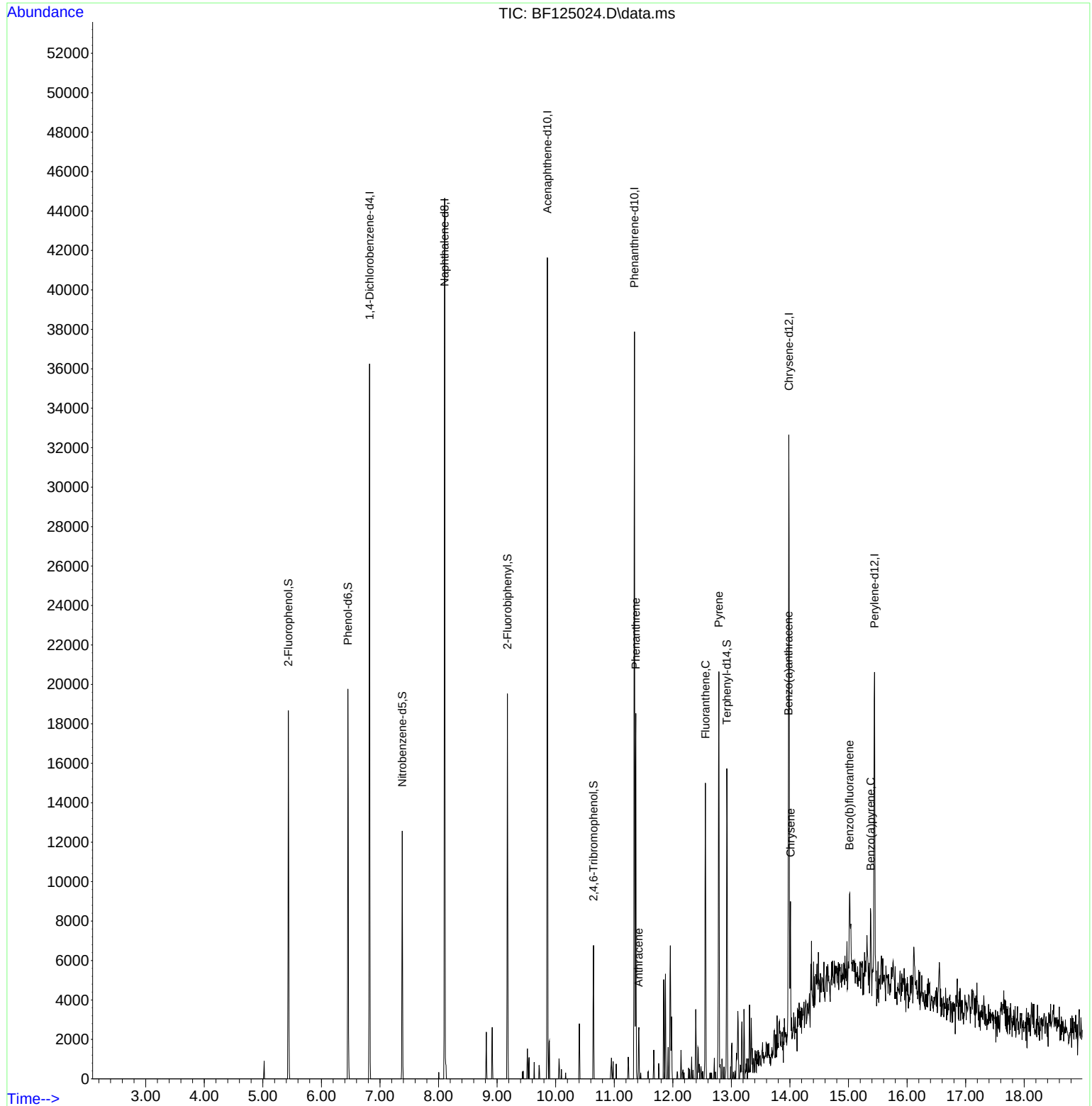
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125024.D
Acq On : 10 Aug 2021 3:31
Operator : JU/CG
Sample : M3315-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

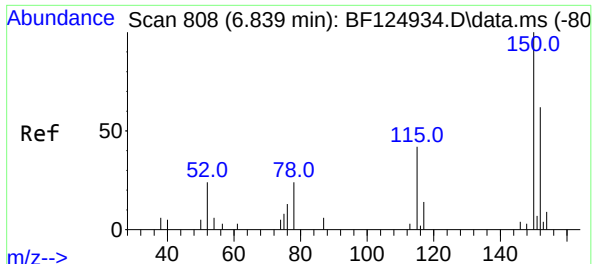
Instrument :
BNA_F
ClientSampleId :
OK-02-08062021

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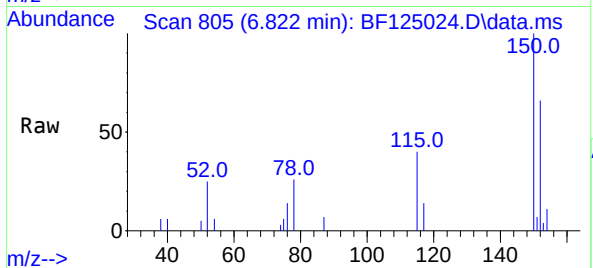
Quant Time: Aug 10 04:48:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

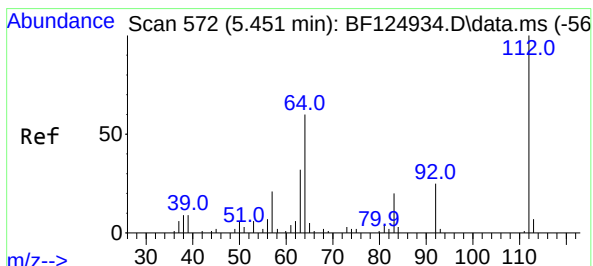
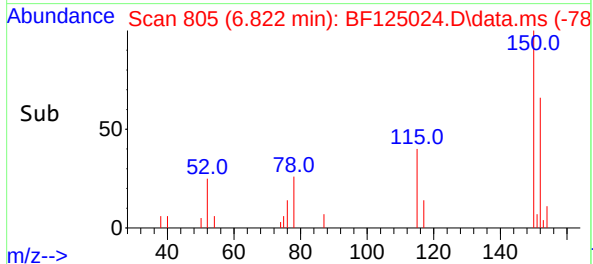
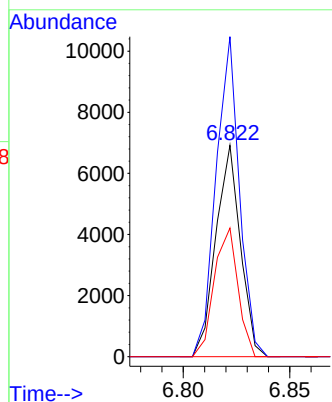
Instrument :
BNA_F
ClientSampleId :
OK-02-08062021



Tgt Ion:152 Resp: 5546
Ion Ratio Lower Upper
152 100
150 151.4 117.6 176.4
115 60.8 47.1 70.7

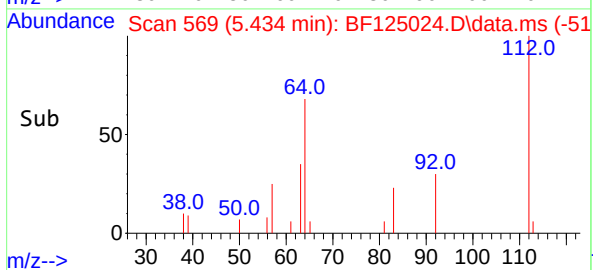
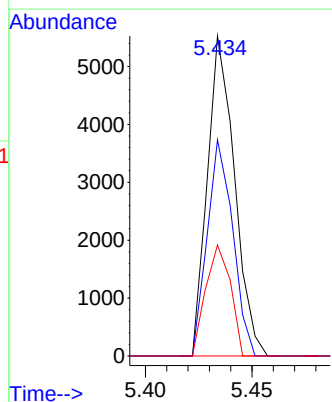
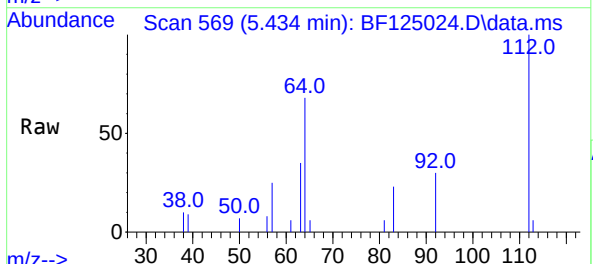
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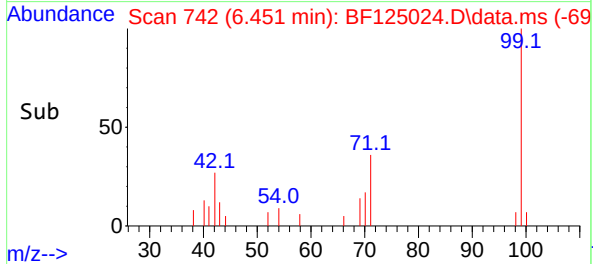
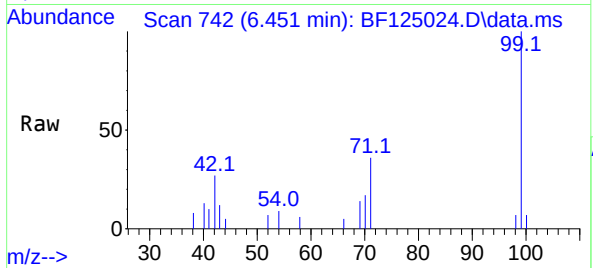
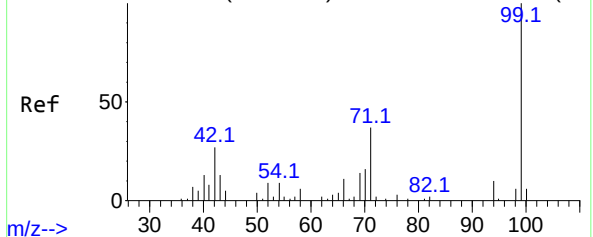


#5
2-Fluorophenol
Concen: 14.503 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

Tgt Ion:112 Resp: 4910
Ion Ratio Lower Upper
112 100
64 67.5 44.2 66.2#
63 34.7 26.2 39.2



Abundance Scan 745 (6.469 min): BF124934.D\data.ms (-73



#7

Phenol-d6

Concen: 13.476 ng

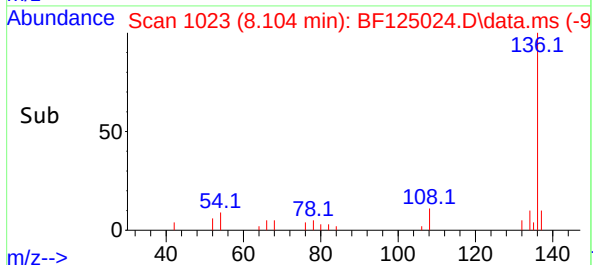
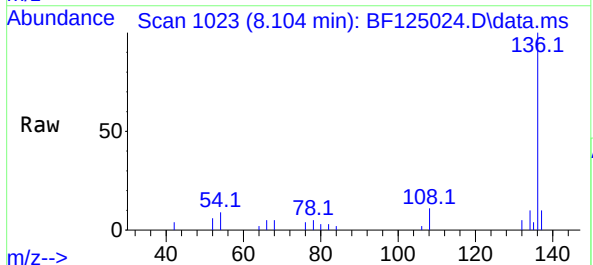
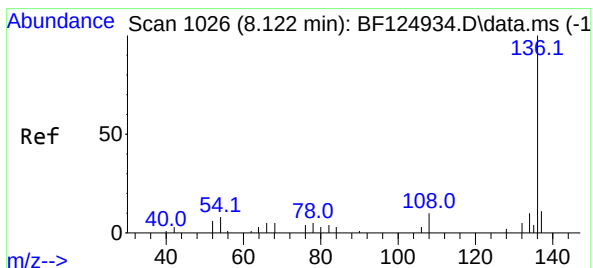
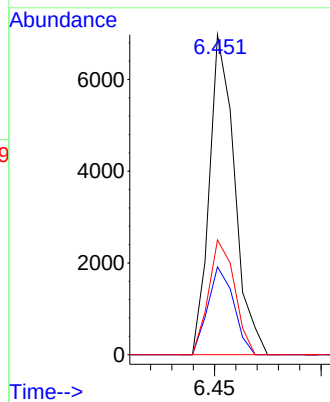
RT: 6.451 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF125024.D

Acq: 10 Aug 2021 3:31

Tgt Ion:	99	Resp:	5753
Ion	Ratio	Lower	Upper
99	100		
42	27.5	23.5	35.3
71	35.8	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

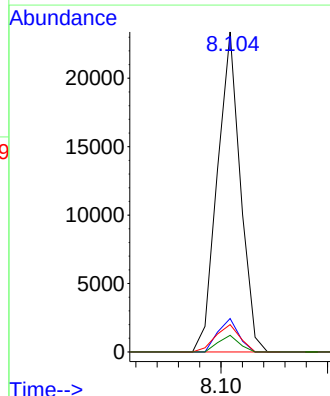
RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF125024.D

Acq: 10 Aug 2021 3:31

Tgt Ion:	136	Resp:	17530
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.5	6.4	9.6
68	5.2	3.3	4.9



Instrument :

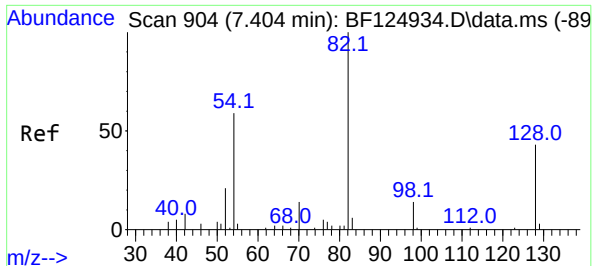
BNA_F

ClientSampleId :

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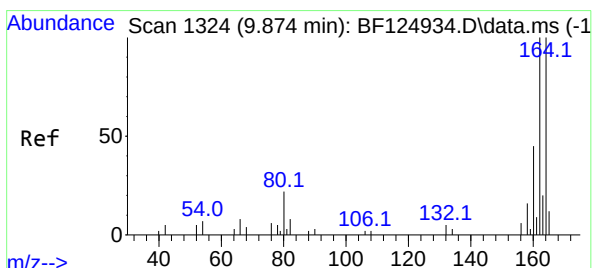
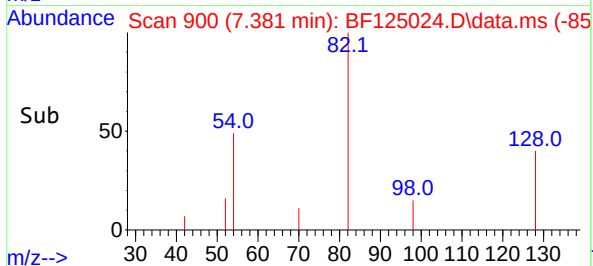
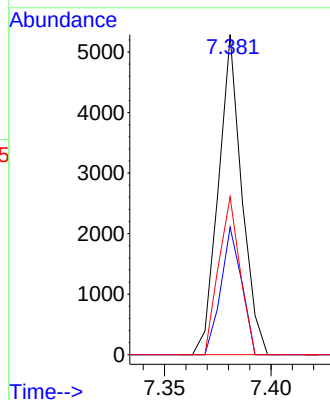
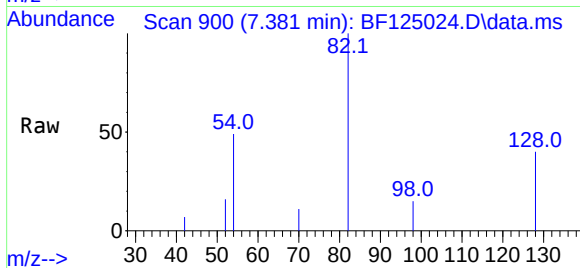
#23
Nitrobenzene-d5
Concen: 12.026 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

Tgt Ion:	82	Resp:	4030
Ion Ratio	Lower	Upper	
82	100		
128	39.9	40.6	60.8#
54	49.3	49.6	74.4#

Instrument :
BNA_F
ClientSampleId :
OK-02-08062021

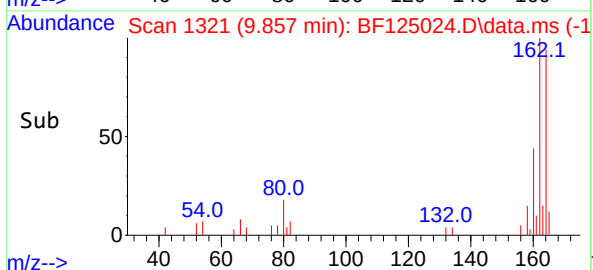
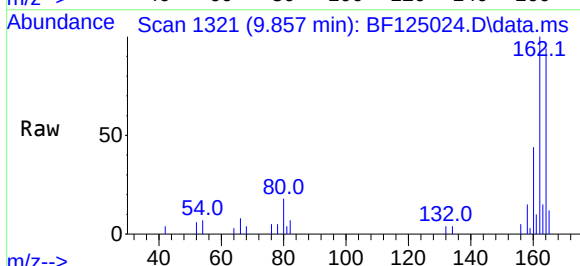
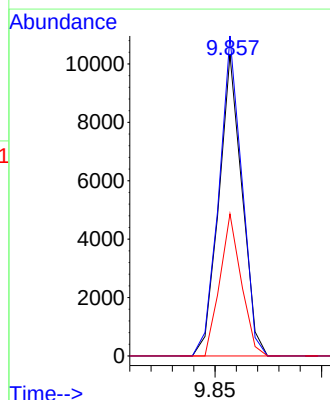
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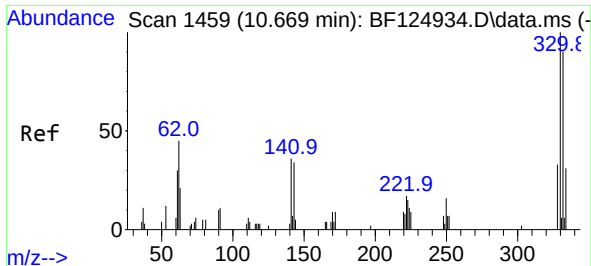
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

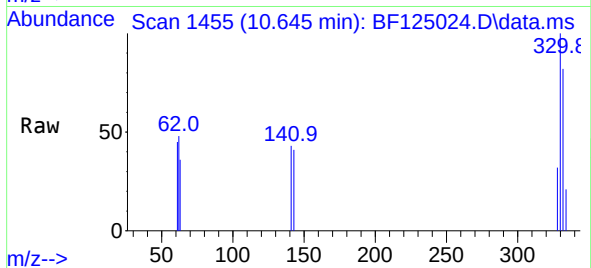
Tgt Ion:	164	Resp:	7782
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.3	121.9
160	47.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 14.844 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

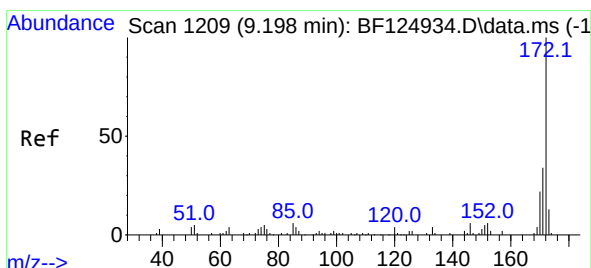
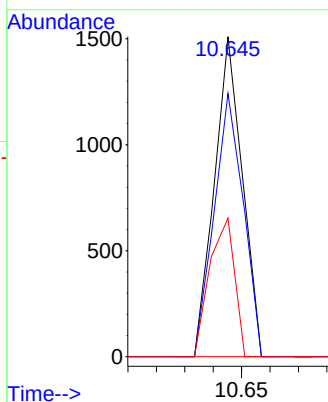
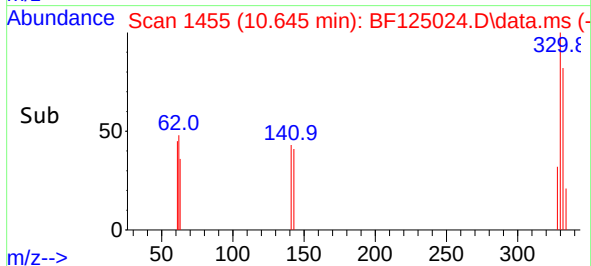
Instrument :
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ClientSampleId :
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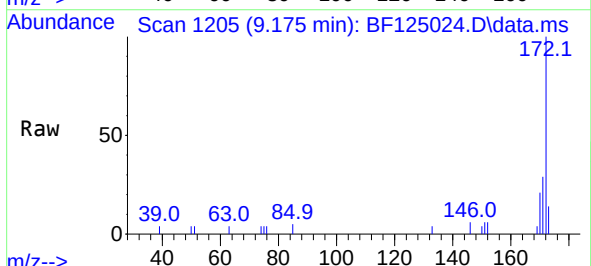
Tgt Ion: 330 Resp: 1032
Ion Ratio Lower Upper
330 100
332 85.4 76.2 114.4
141 38.5 44.6 66.8#

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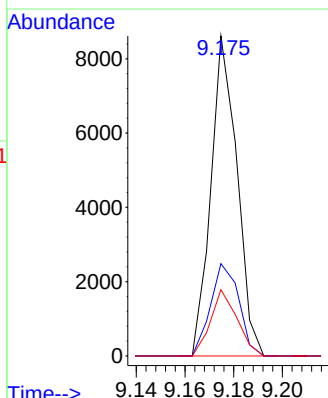
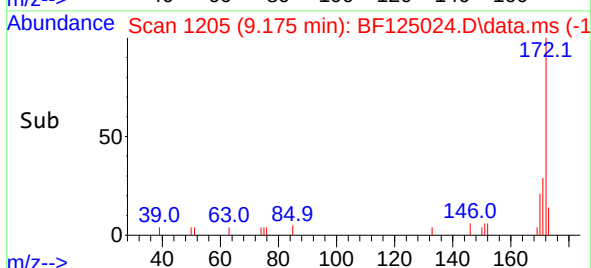
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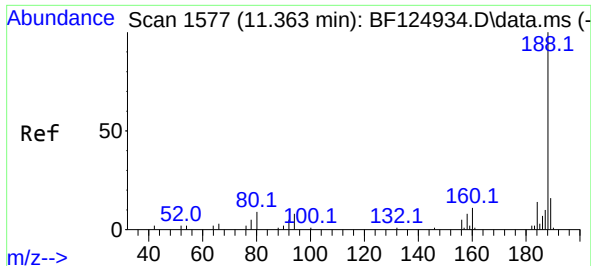


#45
2-Fluorobiphenyl
Concen: 12.055 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31



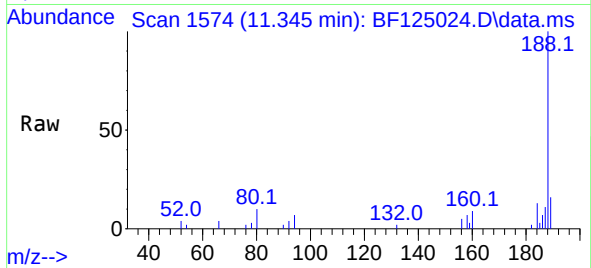
Tgt Ion: 172 Resp: 6411
Ion Ratio Lower Upper
172 100
171 28.9 26.5 39.7
170 20.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

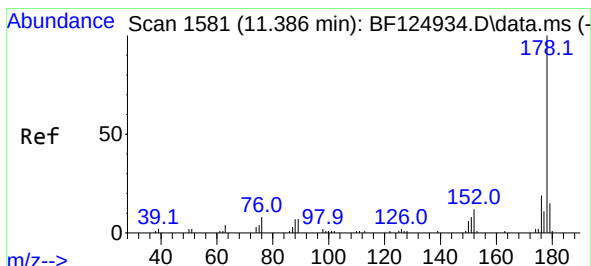
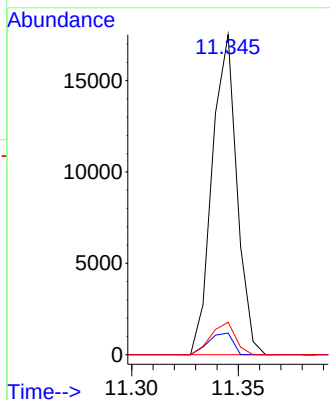
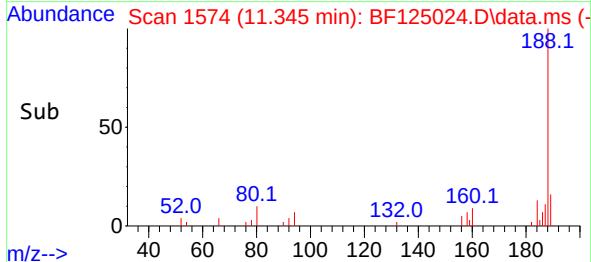
Instrument :
BNA_F
ClientSampleId :
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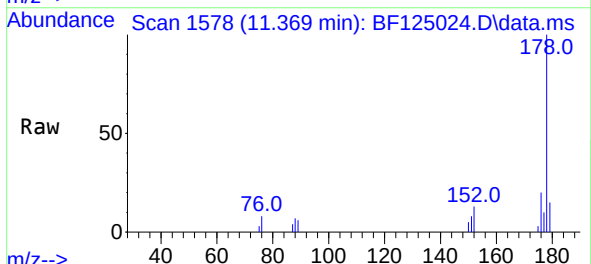
Tgt Ion:188 Resp: 14155
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 10.2 7.5 11.3

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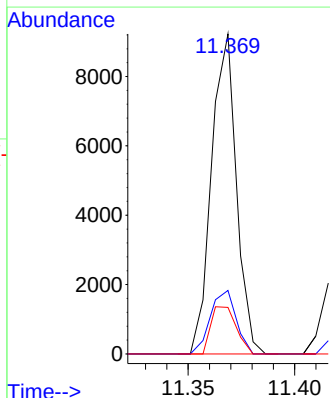
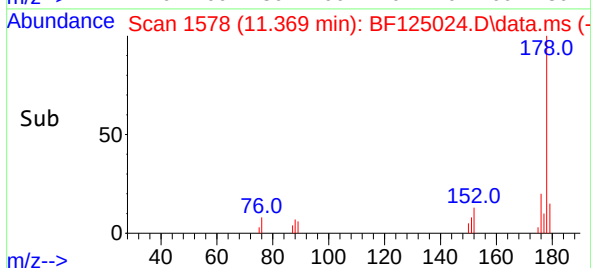
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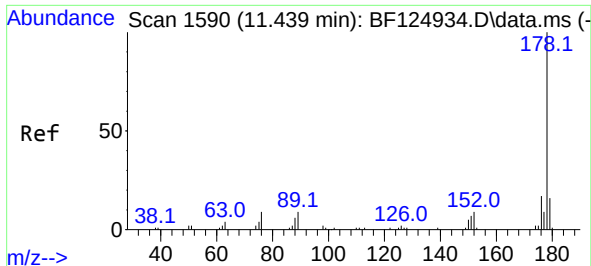


#71
Phenanthrene
Concen: 9.764 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31



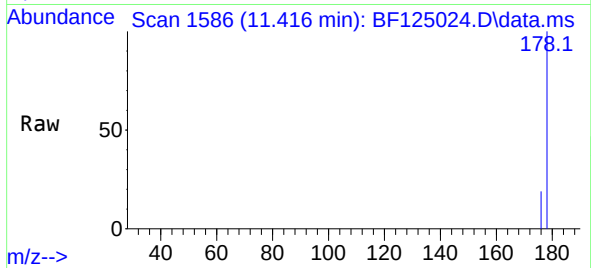
Tgt Ion:178 Resp: 7497
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 14.5 11.5 17.3





#72
 Anthracene
 Concen: 2.337 ng m
 RT: 11.416 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF125024.D
 Acq: 10 Aug 2021 3:31

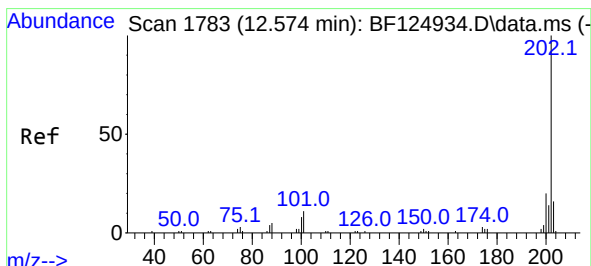
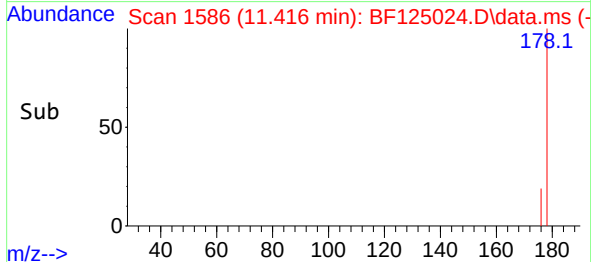
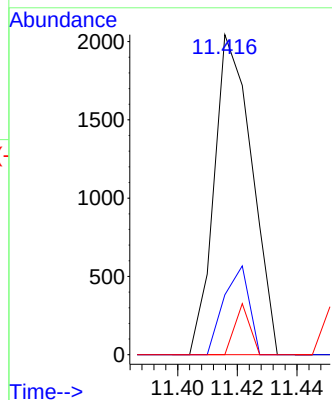
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-08062021



Tgt Ion:178 Resp: 1800
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.3 21.5
 179 0.0 12.2 18.4#

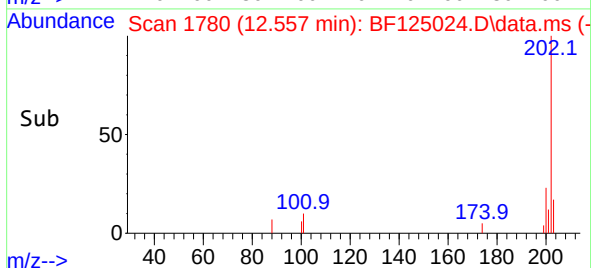
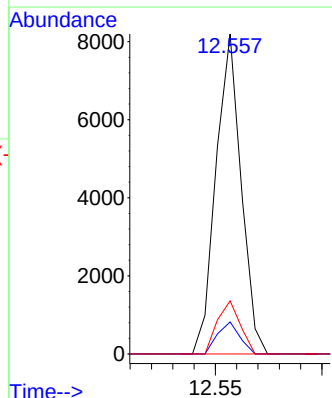
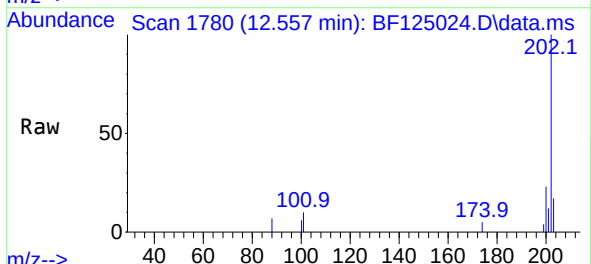
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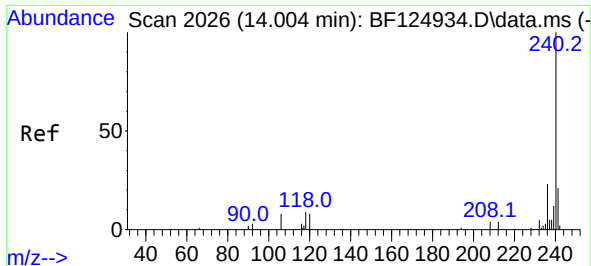
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#75
 Fluoranthene
 Concen: 8.465 ng
 RT: 12.557 min Scan# 1780
 Delta R.T. 0.000 min
 Lab File: BF125024.D
 Acq: 10 Aug 2021 3:31

Tgt Ion:202 Resp: 6724
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.7
 203 16.6 0.0 36.3





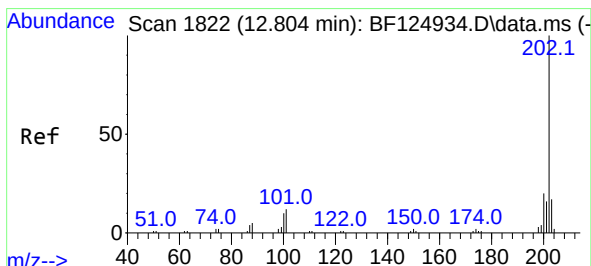
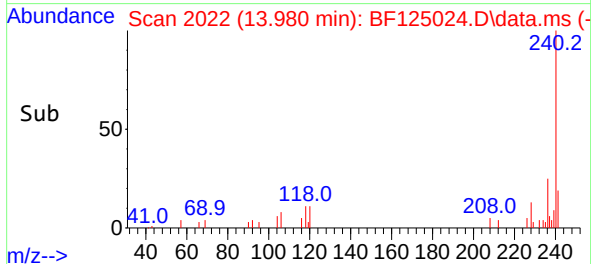
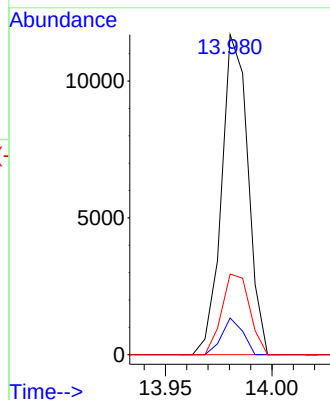
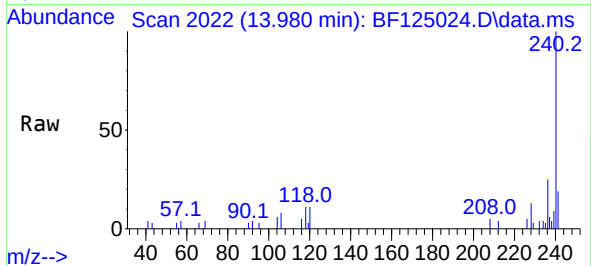
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

Instrument :
BNA_F
ClientSampleId :
OK-02-08062021

Tgt Ion:240	Resp:	10087
Ion Ratio	Lower	Upper
240	100	
120	11.4	10.8 16.2
236	25.2	21.6 32.4

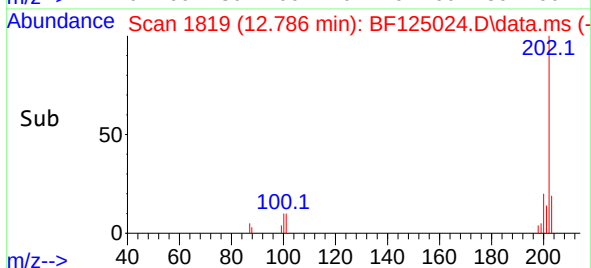
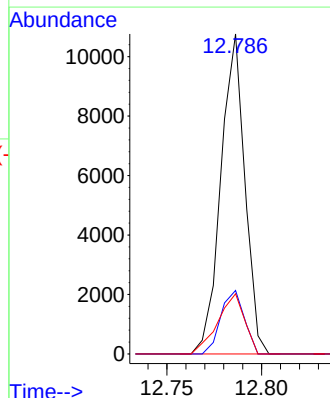
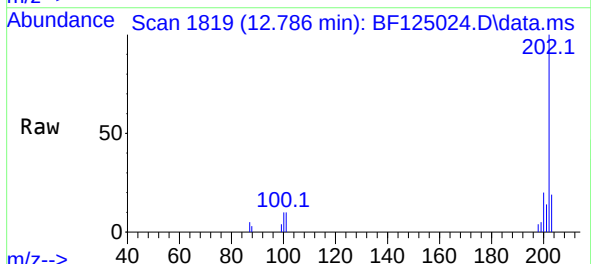
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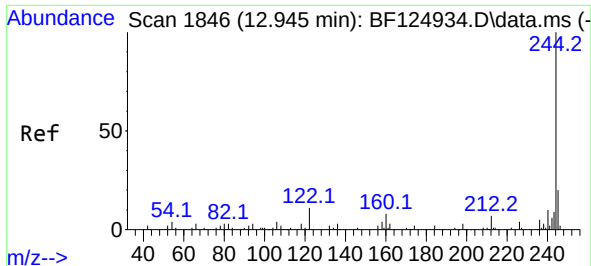
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#78
Pyrene
Concen: 11.954 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

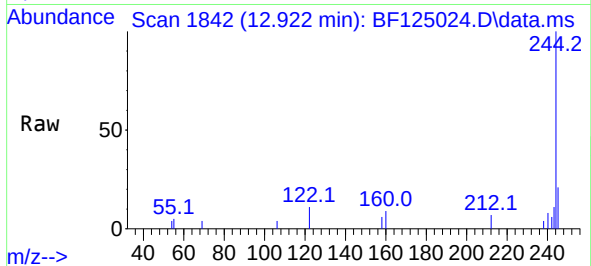
Tgt Ion:202	Resp:	9498
Ion Ratio	Lower	Upper
202	100	
200	19.9	15.3 22.9
203	18.8	13.4 20.0





#79
Terphenyl-d14
Concen: 11.632 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

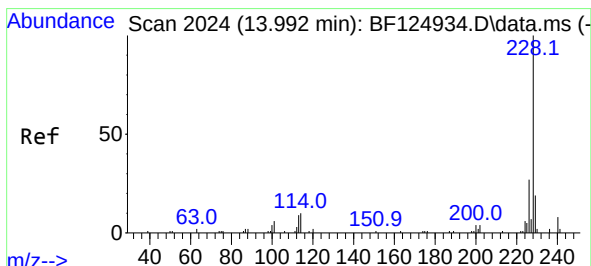
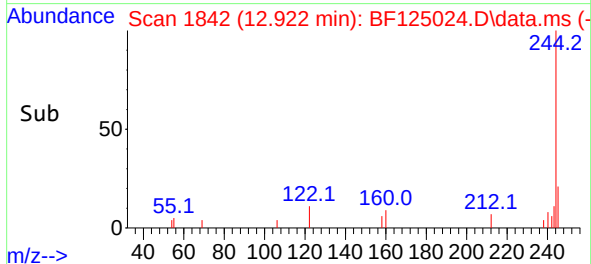
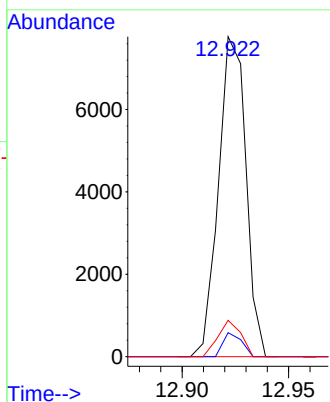
Instrument :
BNA_F
ClientSampleId :
OK-02-08062021



Tgt Ion:244 Resp: 6956
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.3 9.0 13.4

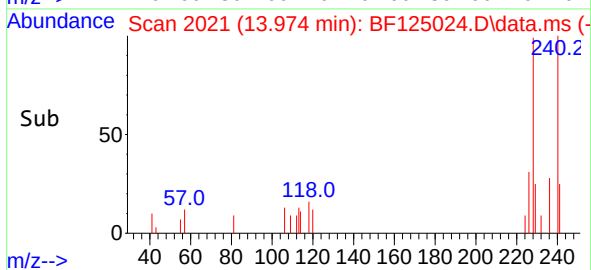
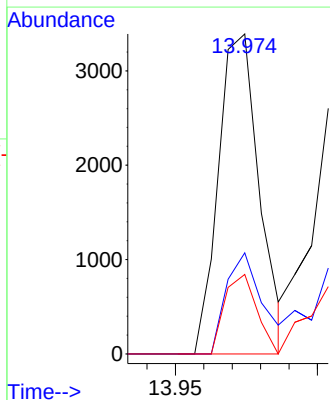
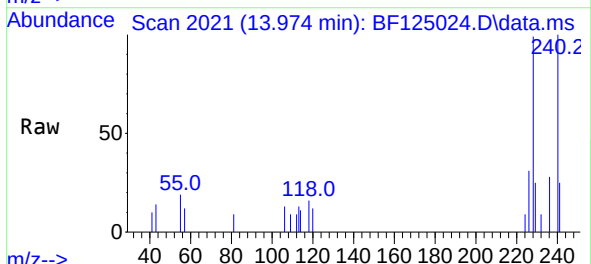
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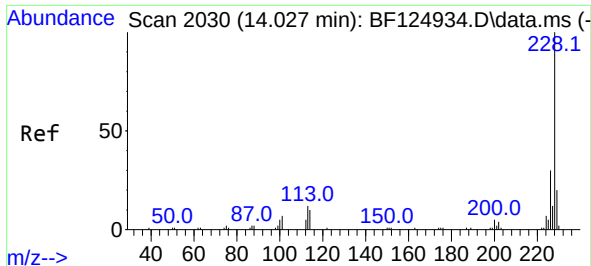
mohammad
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#81
Benzo(a)anthracene
Concen: 5.189 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

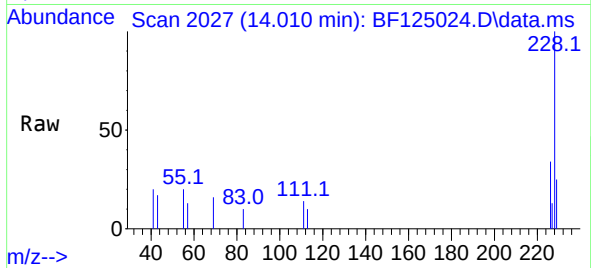
Tgt Ion:228 Resp: 3411
Ion Ratio Lower Upper
228 100
226 31.6 21.6 32.4
229 24.9 15.6 23.4#





#83
Chrysene
Concen: 4.915 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

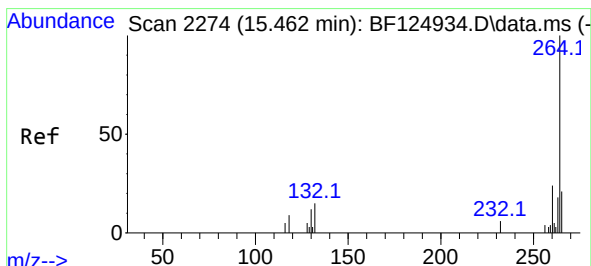
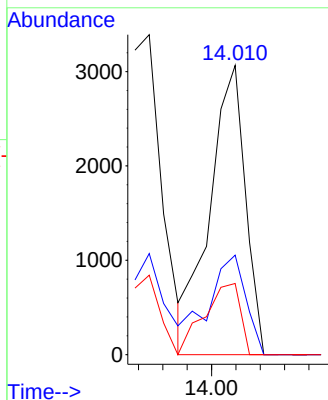
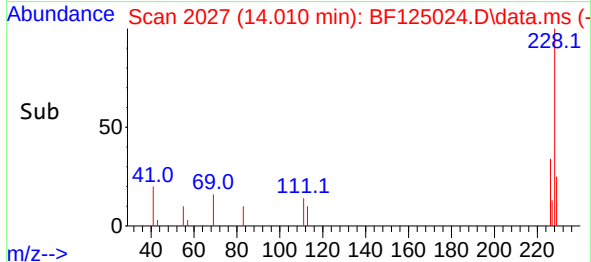
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ClientSampleId :
OK-02-08062021



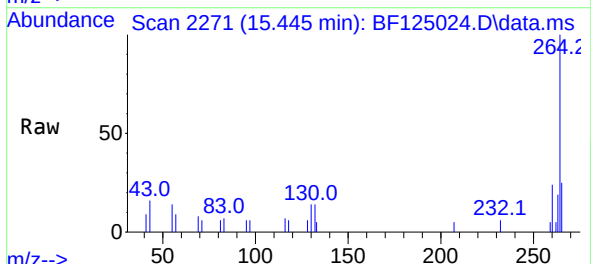
Tgt Ion:228 Resp: 3123
Ion Ratio Lower Upper
228 100
226 34.4 22.6 34.0#
229 24.6 15.9 23.9#

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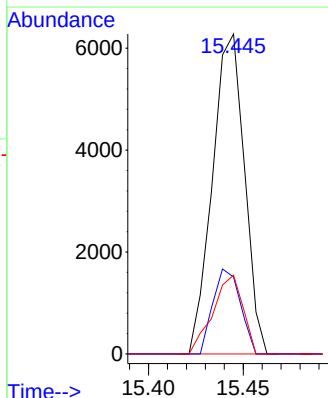
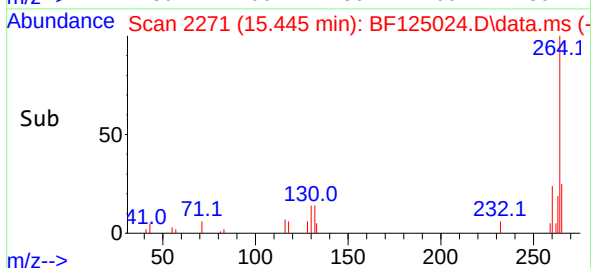
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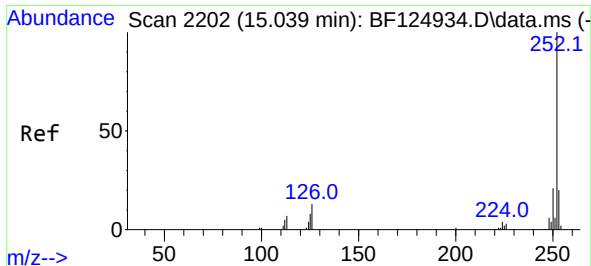


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31

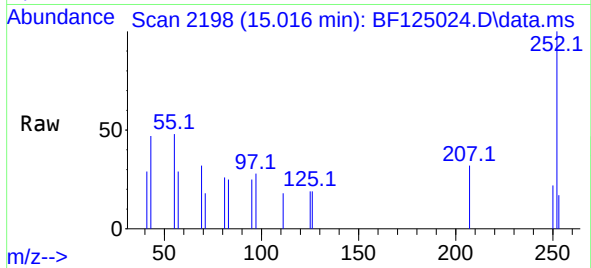


Tgt Ion:264 Resp: 7374
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 24.6 17.2 25.8

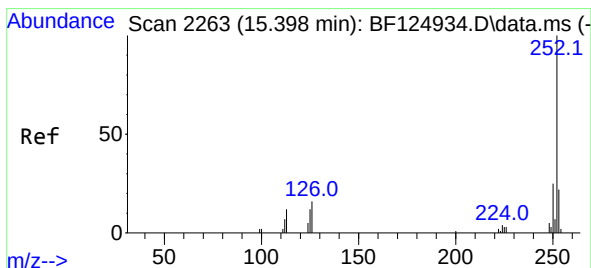
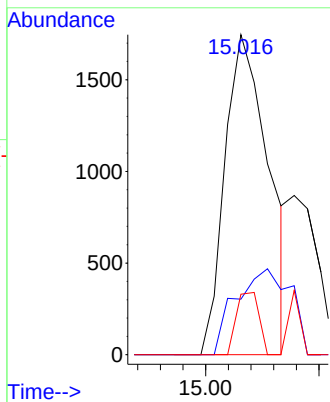
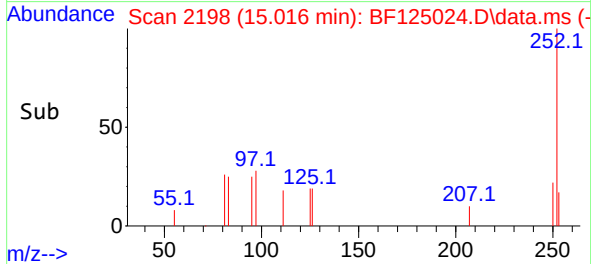




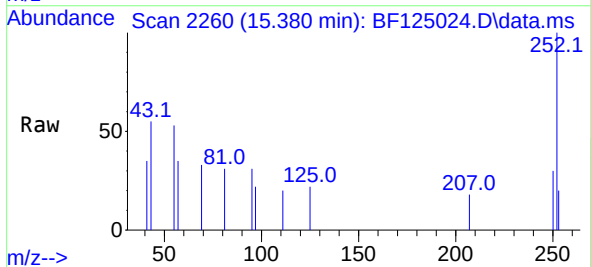
#88
Benzo(b)fluoranthene
Concen: 4.541 ng m
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31



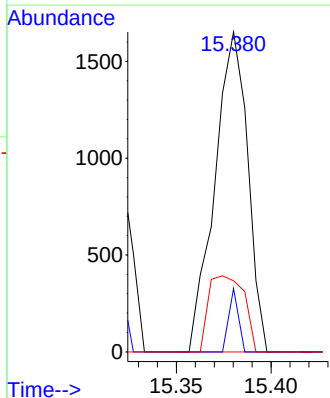
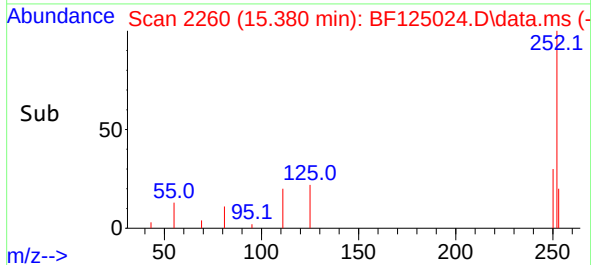
Tgt Ion:252 Resp: 2351
Ion Ratio Lower Upper
252 100
253 17.4 16.8 25.2
125 18.9 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 4.532 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF125024.D
Acq: 10 Aug 2021 3:31



Tgt Ion:252 Resp: 1998
Ion Ratio Lower Upper
252 100
253 19.8 18.4 27.6
125 22.2 9.9 14.9#



Instrument :
BNA_F
ClientSampleId :
OK-02-08062021

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