

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124649.D
 Acq On : 21 Jul 2021 3:07
 Operator : JU/CG
 Sample : M3051-08 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41213

Manual Integrations
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mohammad
 7/21/2021 11:42:33 AM

Quant Time: Jul 21 04:22:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	8219	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	29873	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	13055	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	17572	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	11507	20.000	ng	-0.02
86) Perylene-d12	15.556	264	8719	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	17675	37.259	ng	-0.02
7) Phenol-d6	6.516	99	21210	36.754	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12936	27.336	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	3344	32.916	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	25549	28.538	ng	-0.02
79) Terphenyl-d14	13.015	244	16257	23.724	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.457	178	5197	5.421	ng	93
75) Fluoranthene	12.645	202	4478	4.630	ng	95
78) Pyrene	12.874	202	5055	5.287	ng	99
81) Benzo(a)anthracene	14.062	228	1954	2.560	ng	# 84
83) Chrysene	14.098	228	1767	2.417	ng	# 82
88) Benzo(b)fluoranthene	15.121	252	1282m	2.049	ng	

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

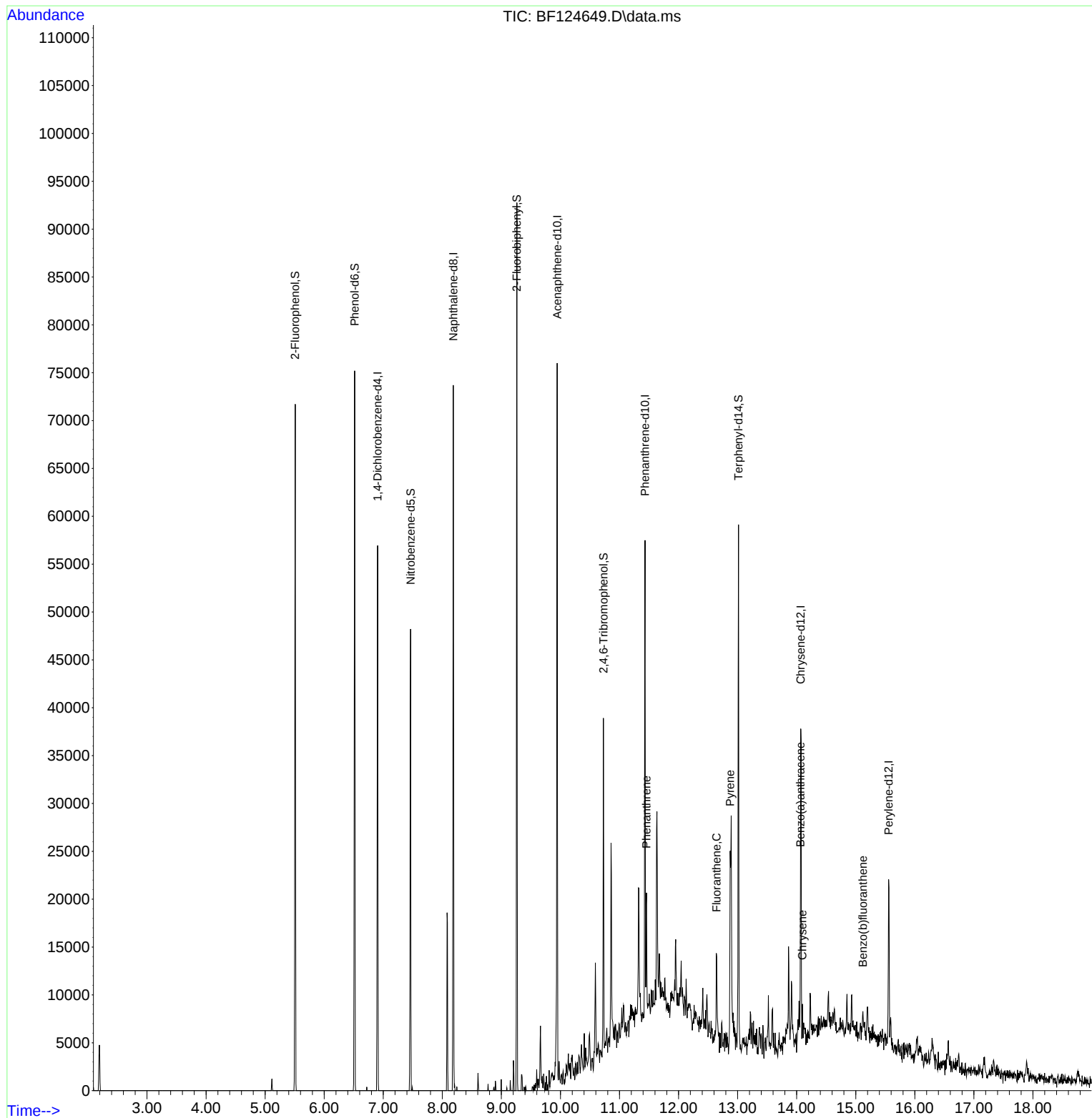
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

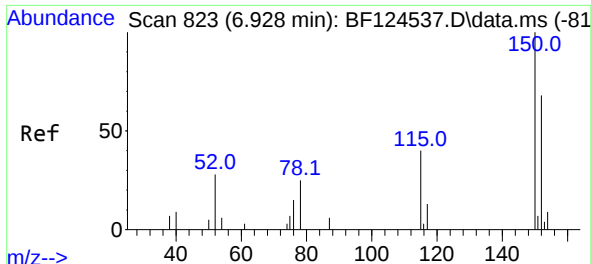
Instrument :
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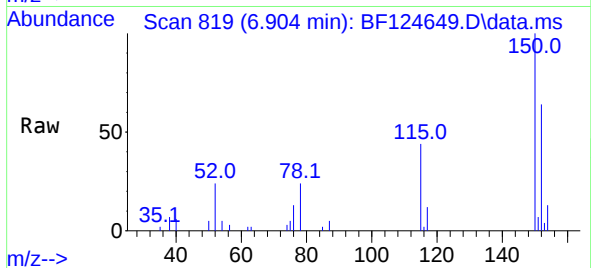
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Quant Time: Jul 21 04:22:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

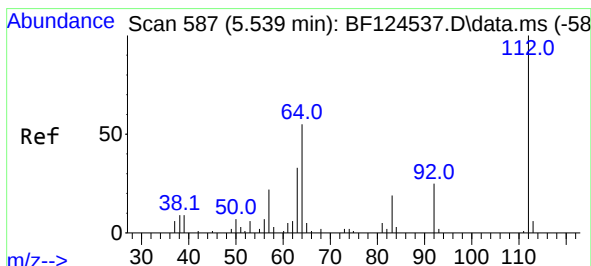
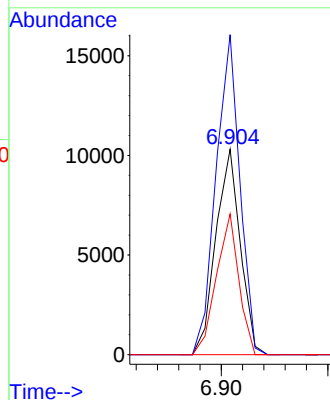
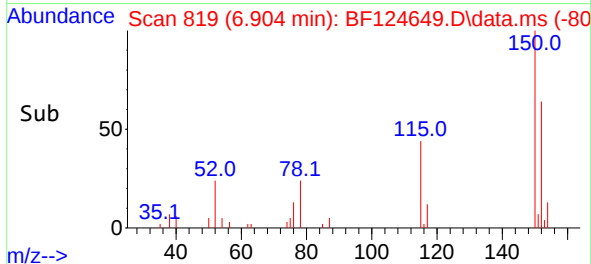




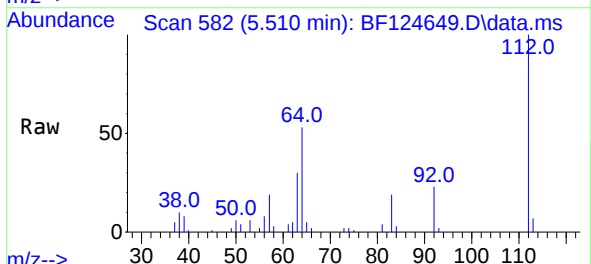
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



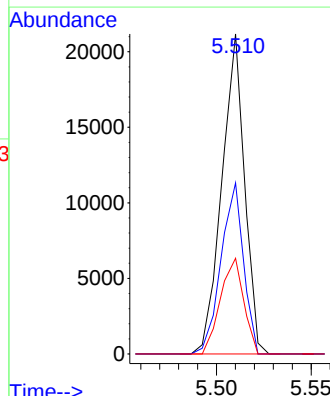
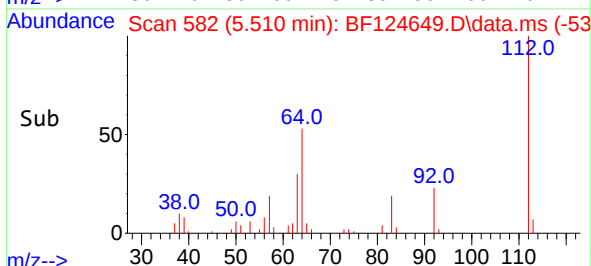
Tgt Ion:152 Resp: 8219
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 68.5 47.1 70.7



#5
2-Fluorophenol
Concen: 37.259 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



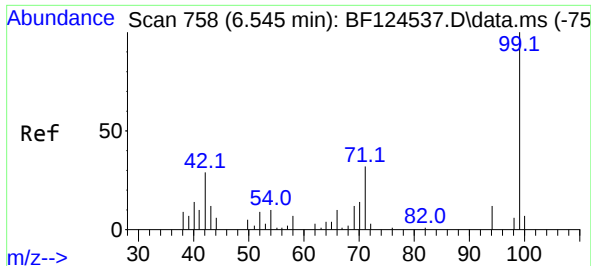
Tgt Ion:112 Resp: 17675
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 29.9 26.2 39.2



Instrument :
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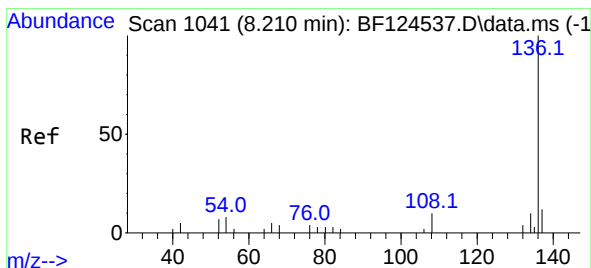
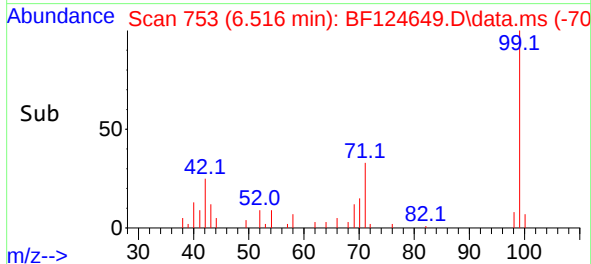
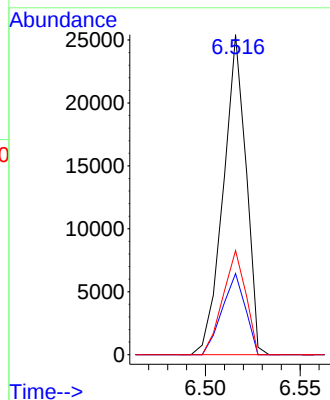
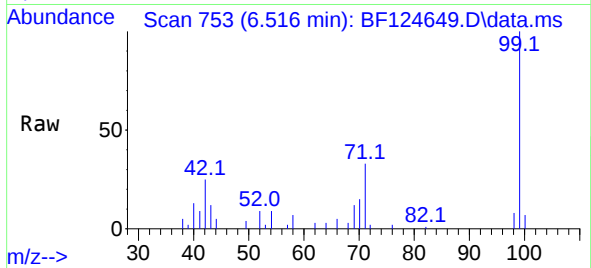
#7
Phenol-d6
Concen: 36.754 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:	99	Resp:	21210
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	32.6	25.6	38.4

Instrument :
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ClientSampled :
41213

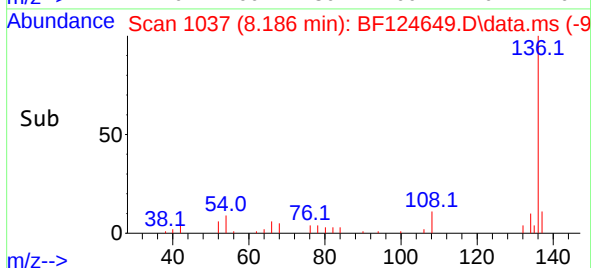
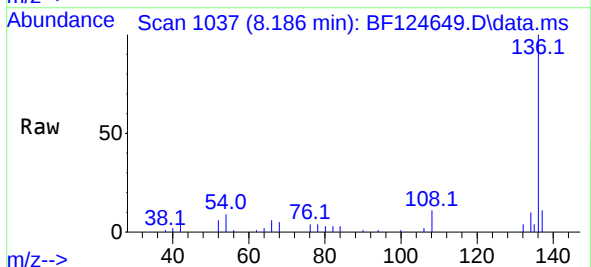
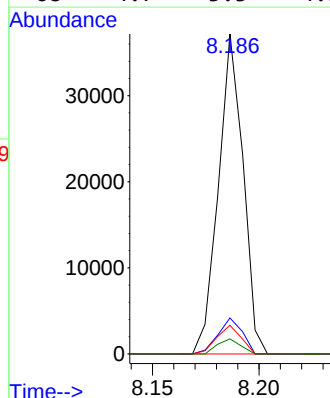
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:	136	Resp:	29873
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	9.0	6.4	9.6
68	4.7	3.3	4.9





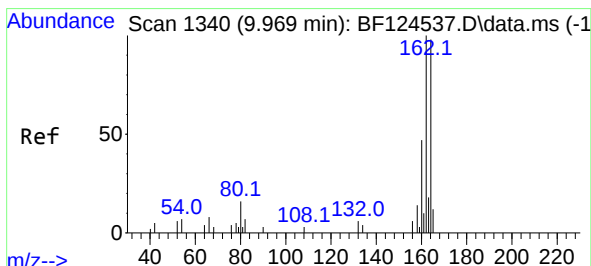
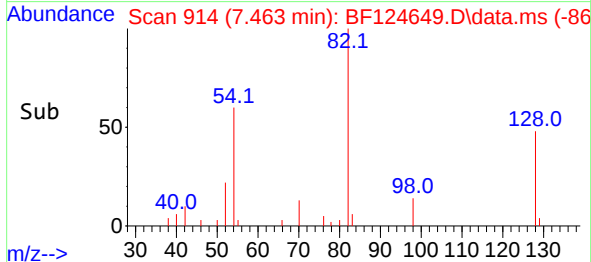
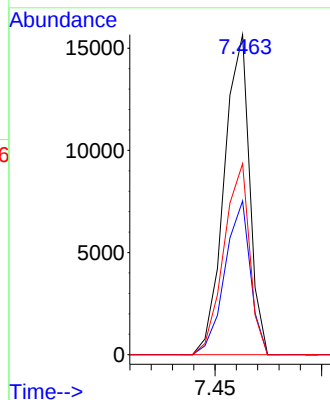
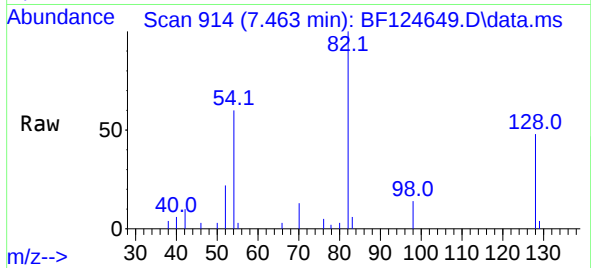
#23
Nitrobenzene-d5
Concen: 27.336 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:	82	Resp:	12936
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.6	60.8
54	59.7	49.6	74.4

Instrument :
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ClientSampled :
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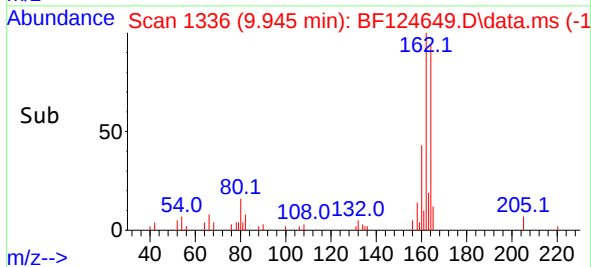
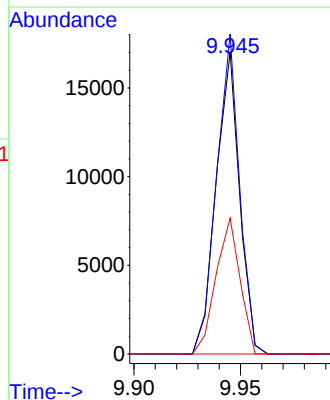
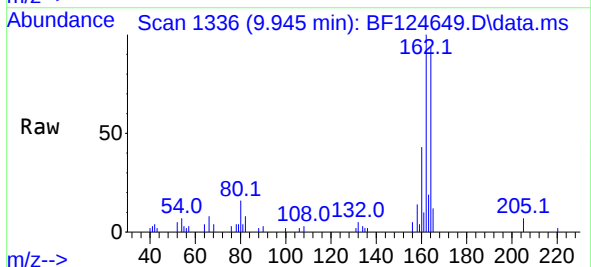
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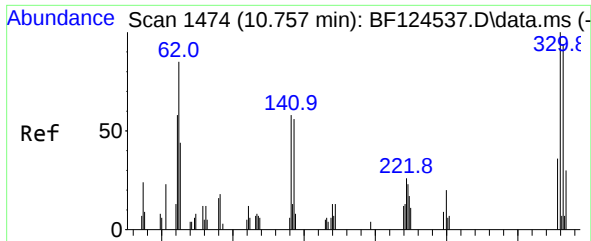
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

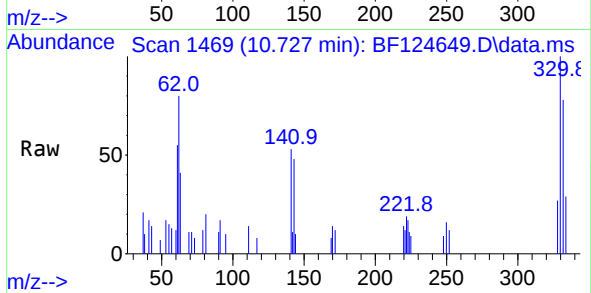
Tgt Ion:	164	Resp:	13055
Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.3	121.9
160	45.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 32.916 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

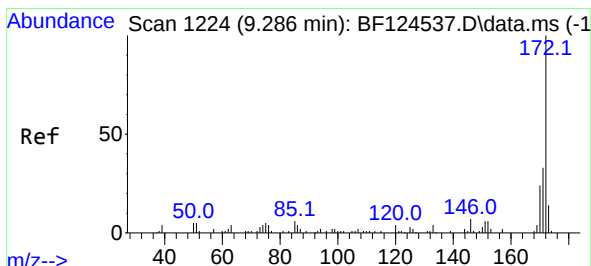
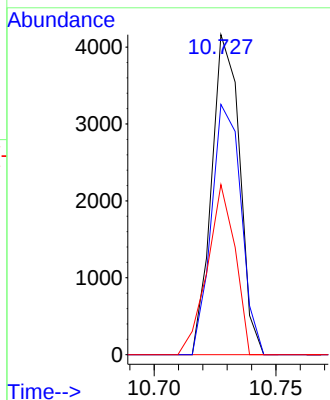
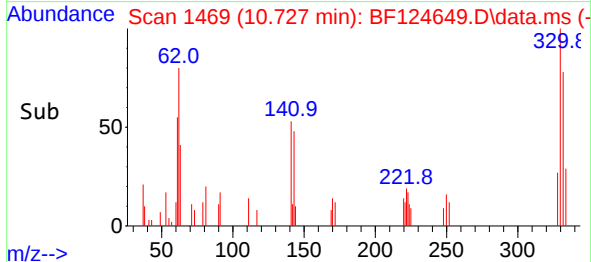
Instrument :
BNA_F
ClientSampled :
41213



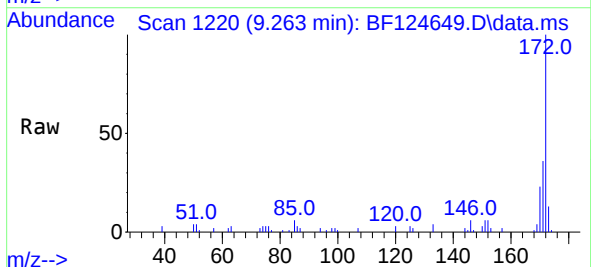
Tgt Ion: 330 Resp: 3344
Ion Ratio Lower Upper
330 100
332 82.7 76.2 114.4
141 52.4 44.6 66.8

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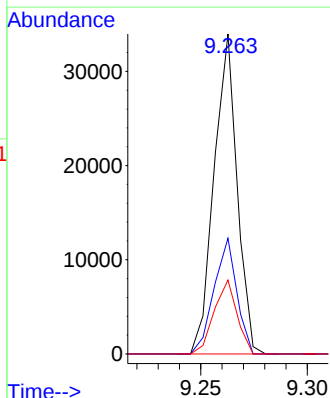
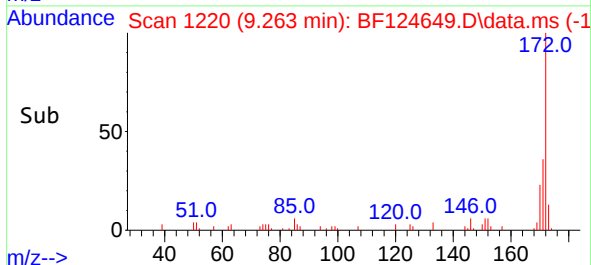
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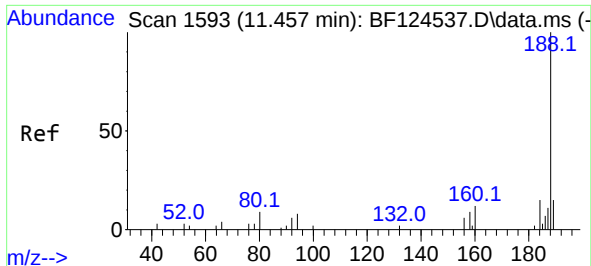


#45
2-Fluorobiphenyl
Concen: 28.538 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



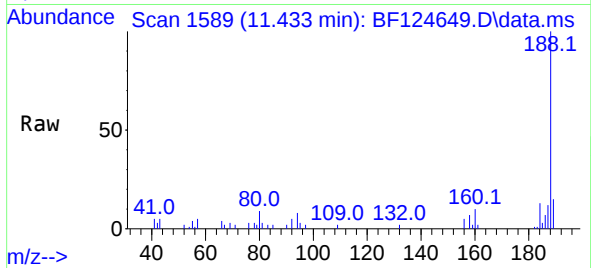
Tgt Ion: 172 Resp: 25549
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.1 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

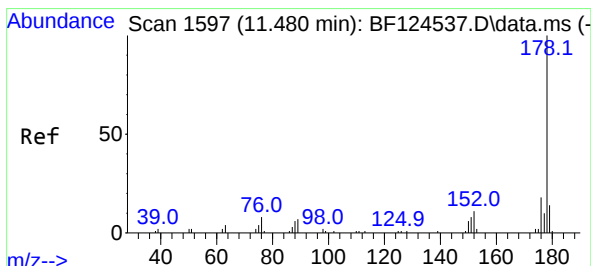
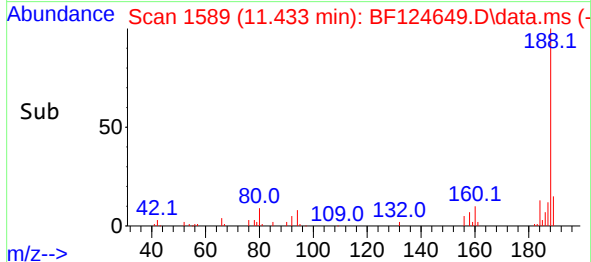
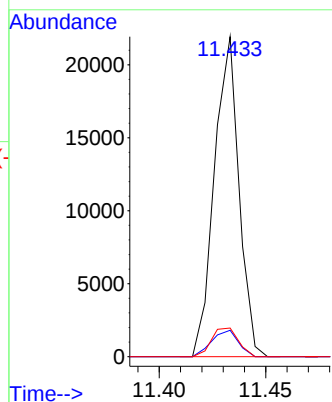
Instrument :
BNA_F
ClientSampled :
41213



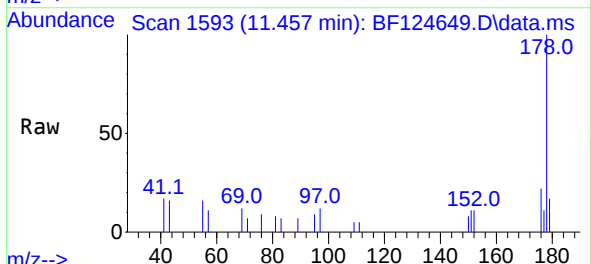
Tgt Ion:188 Resp: 17572
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.9 7.5 11.3

Manual Integrations
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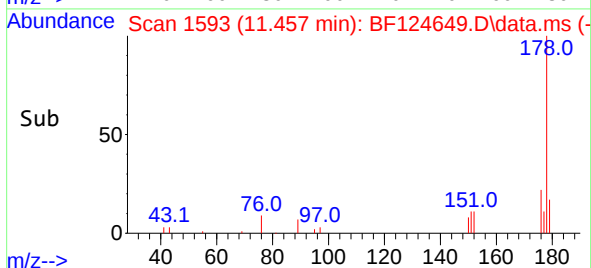
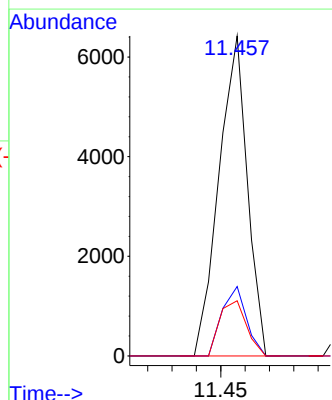
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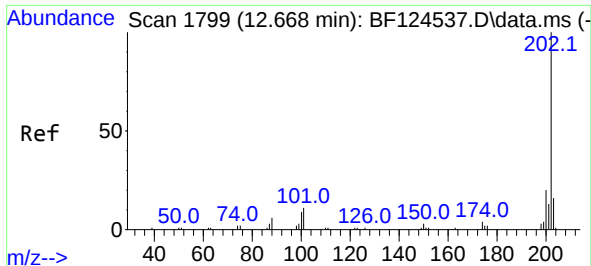


#71
Phenanthrene
Concen: 5.421 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



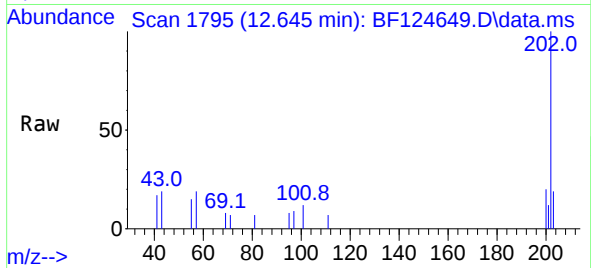
Tgt Ion:178 Resp: 5197
Ion Ratio Lower Upper
178 100
176 21.7 14.7 22.1
179 17.3 11.5 17.3





#75
Fluoranthene
Concen: 4.630 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

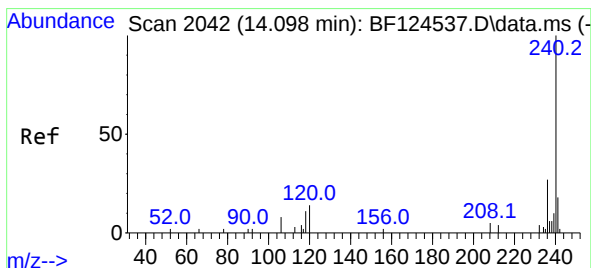
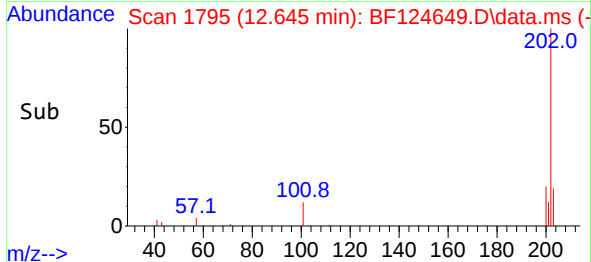
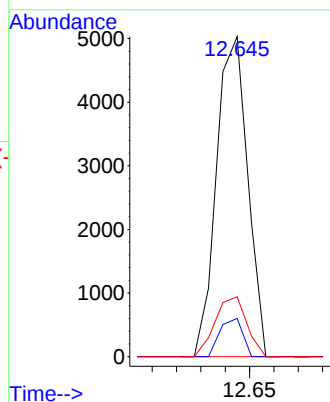
Instrument :
BNA_F
ClientSampled :
41213



Tgt Ion:202 Resp: 4478
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.8 0.0 36.3

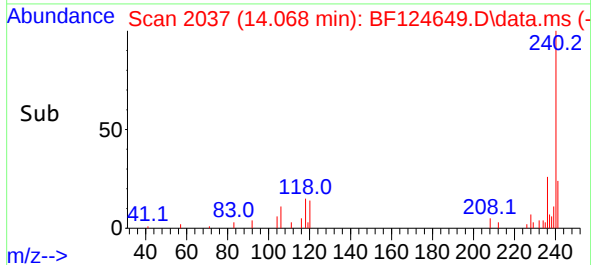
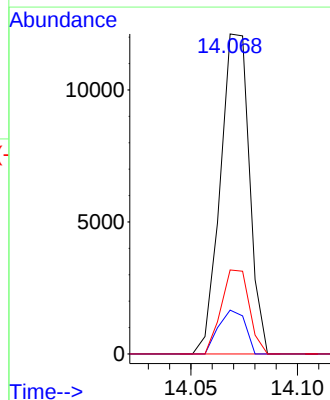
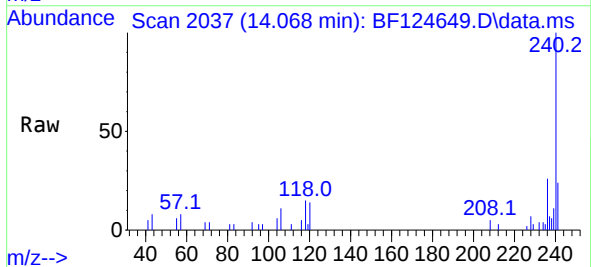
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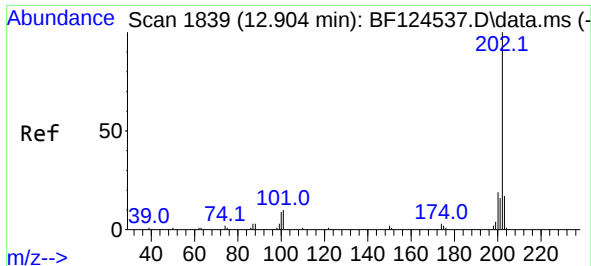
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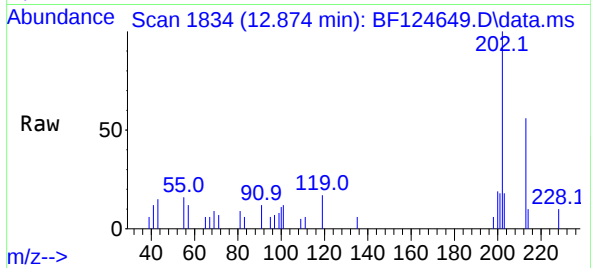
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:240 Resp: 11507
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 26.2 21.6 32.4

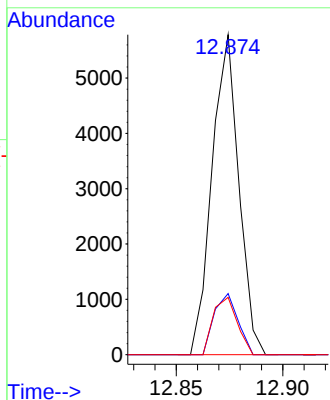




#78
Pyrene
Concen: 5.287 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



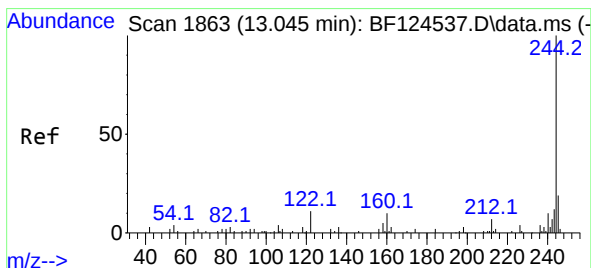
Tgt Ion:202 Resp: 5055
Ion Ratio Lower Upper
202 100
200 19.1 15.3 22.9
203 17.9 13.4 20.0



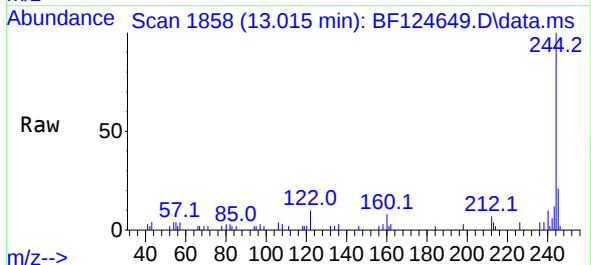
Instrument :
BNA_F
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41213

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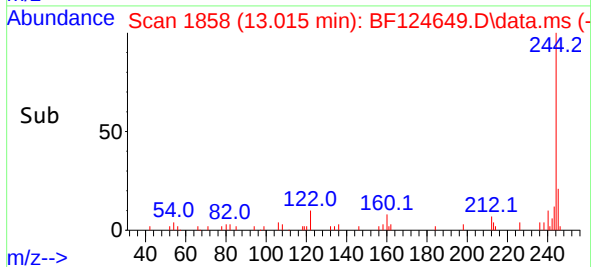
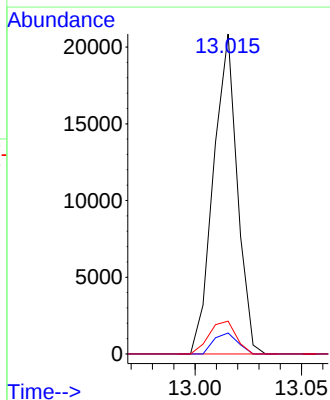
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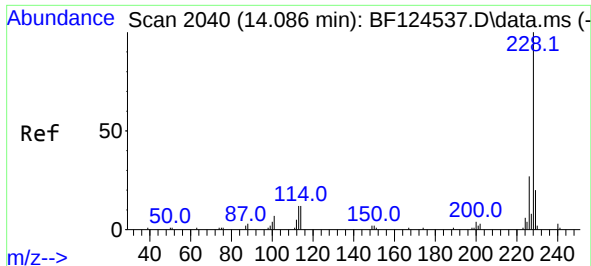


#79
Terphenyl-d14
Concen: 23.724 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



Tgt Ion:244 Resp: 16257
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 10.3 9.0 13.4





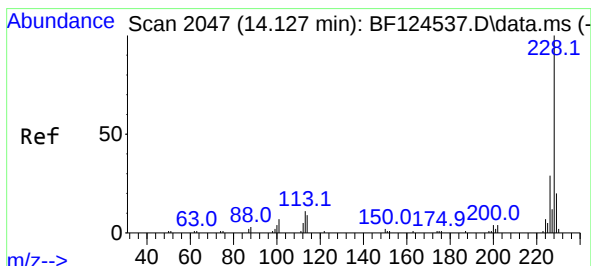
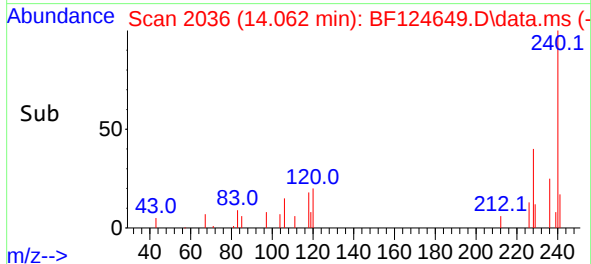
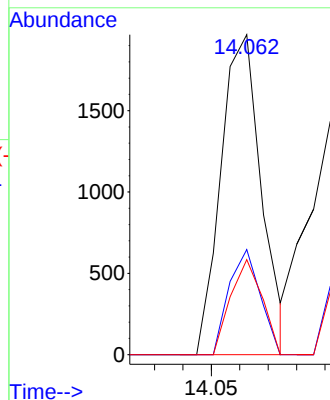
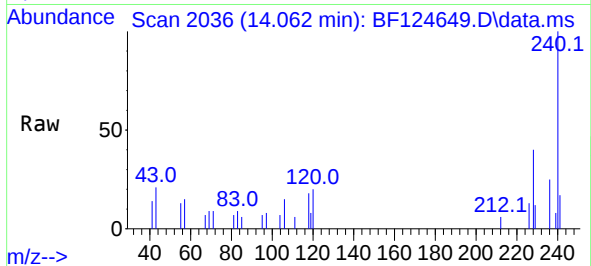
#81
Benzo(a)anthracene
Concen: 2.560 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:228 Resp: 1954
Ion Ratio Lower Upper
228 100
226 32.8 21.6 32.4#
229 29.7 15.6 23.4#

Instrument :
BNA_F
ClientSampled :
41213

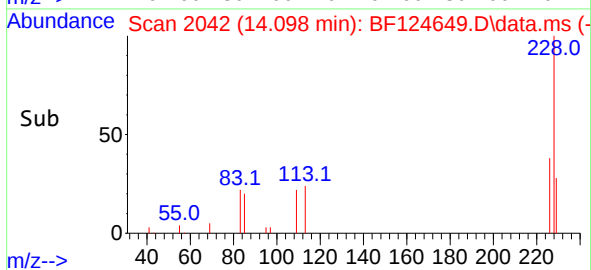
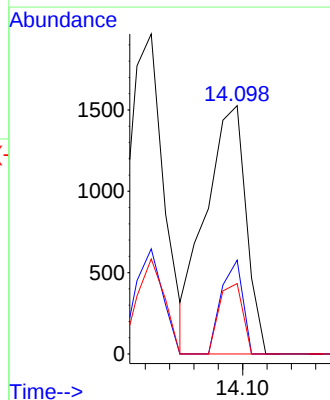
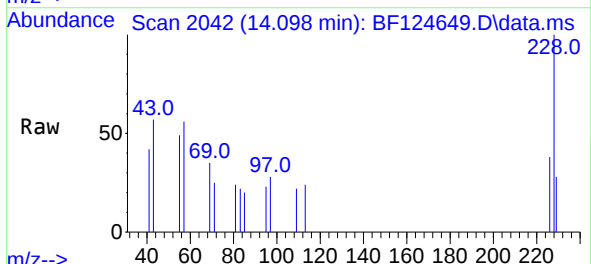
Manual Integrations
APPROVED

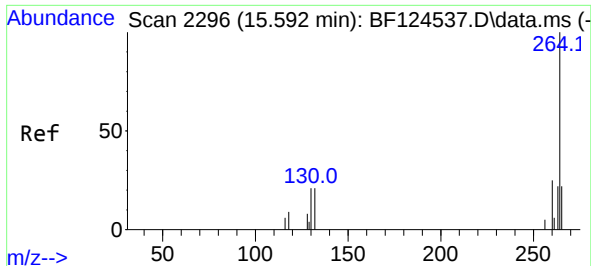
mohammad
7/21/2021 11:42:33 AM



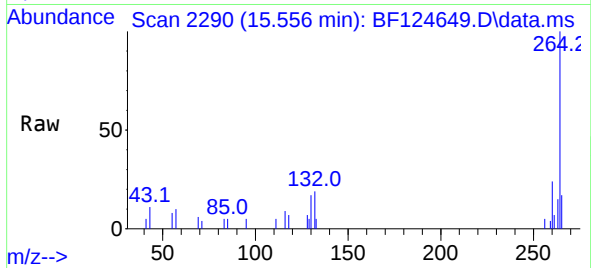
#83
Chrysene
Concen: 2.417 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:228 Resp: 1767
Ion Ratio Lower Upper
228 100
226 37.7 22.6 34.0#
229 28.4 15.9 23.9#

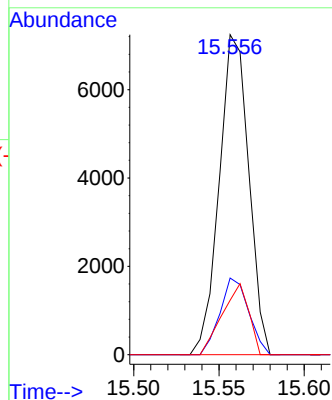




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



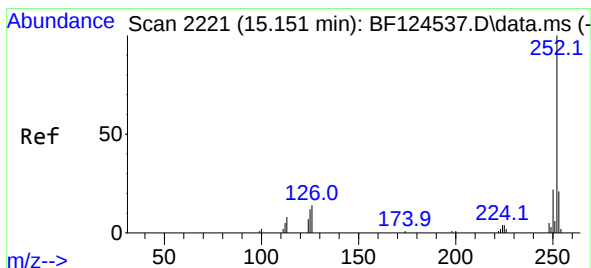
Tgt Ion:264 Resp: 8719
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 17.0 17.2 25.8#



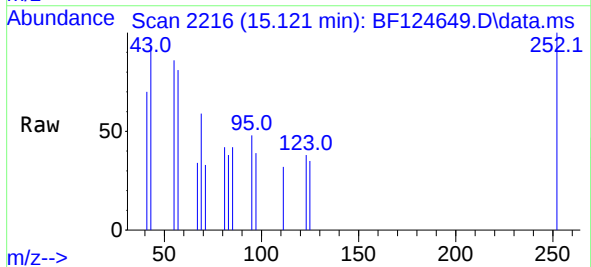
Instrument :
BNA_F
ClientSampled :
41213

Manual Integrations
APPROVED

mohammad
7/21/2021 11:42:33 AM



#88
Benzo(b)fluoranthene
Concen: 2.049 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07



Tgt Ion:252 Resp: 1282
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 34.9 9.8 14.8#

