

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124402.D
 Acq On : 21 Jun 2021 20:02
 Operator : JU/CG
 Sample : M2772-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Manual Integrations
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mohammad
 6/23/2021 11:48:15 AM

Quant Time: Jun 22 01:33:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32639	20.000	ng	# 0.00
21) Naphthalene-d8	8.069	136	124235	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69166	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	123774	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	74357	20.000	ng	0.00
86) Perylene-d12	15.415	264	84898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	205523	94.789	ng	0.00
7) Phenol-d6	6.434	99	276743	94.957	ng	-0.01
23) Nitrobenzene-d5	7.351	82	188821	60.280	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	87981	89.784	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	352091	64.057	ng	0.00
79) Terphenyl-d14	12.898	244	404142	74.622	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.527	202	35486	4.372	ng	97
78) Pyrene	12.757	202	30914	4.330	ng	97
81) Benzo(a)anthracene	13.945	228	13114	2.421	ng	# 89
83) Chrysene	13.980	228	11977m	2.292	ng	
87) Indeno(1,2,3-cd)pyrene	16.874	276	9892	5.609	ng	95
88) Benzo(b)fluoranthene	14.992	252	21462m	3.254	ng	
90) Benzo(a)pyrene	15.357	252	12911	2.254	ng	# 91
92) Benzo(g,h,i)perylene	17.315	276	9631	5.297	ng	# 95

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

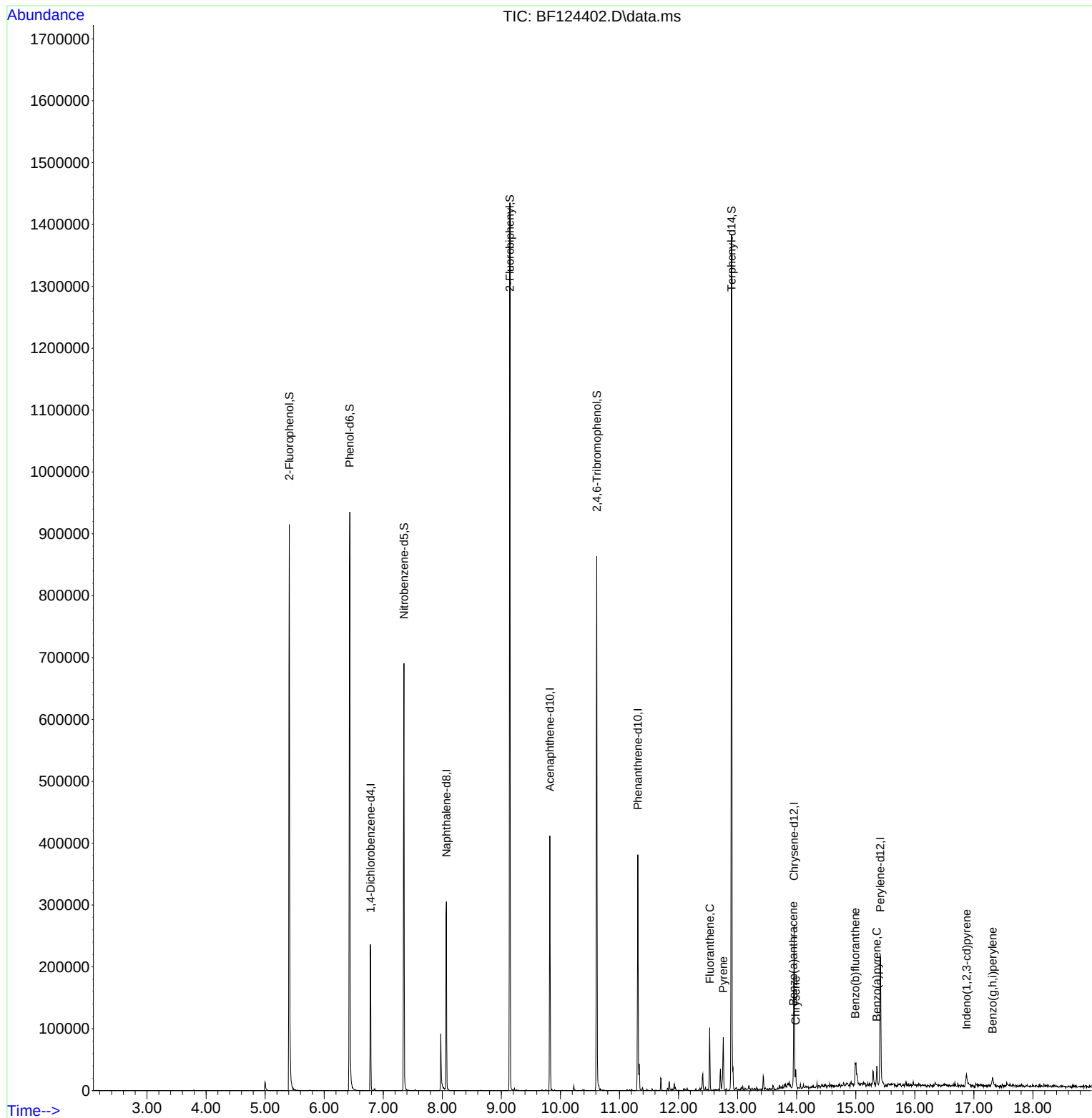
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124402.D
Acq On : 21 Jun 2021 20:02
Operator : JU/CG
Sample : M2772-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

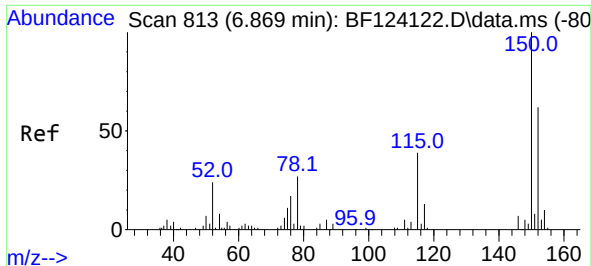
Instrument :
BNA_F
ClientSampleId :
SB-2

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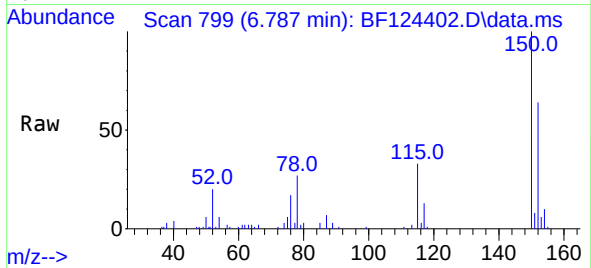
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Quant Time: Jun 22 01:33:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
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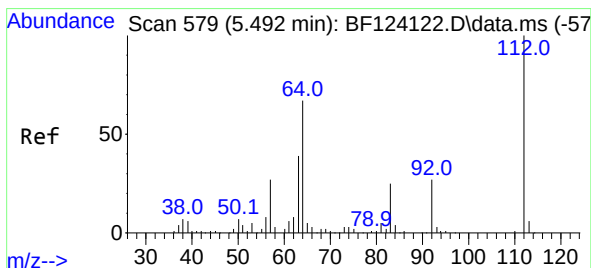
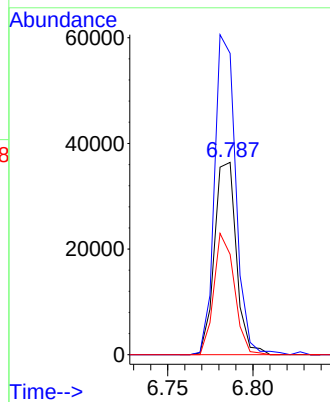
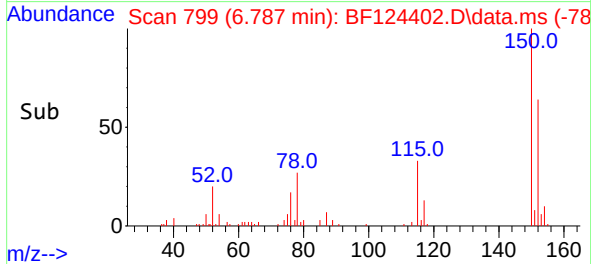




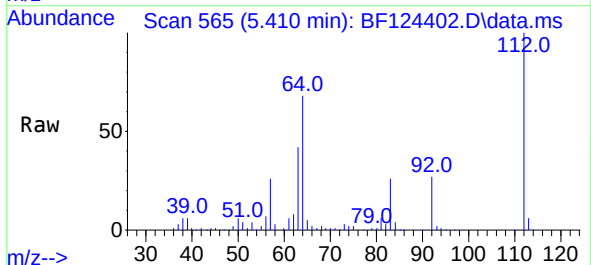
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



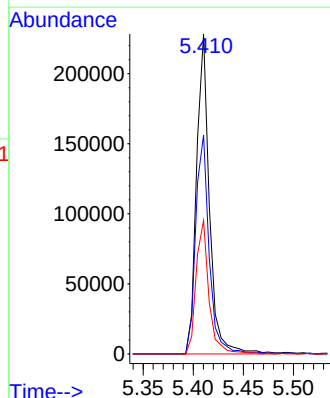
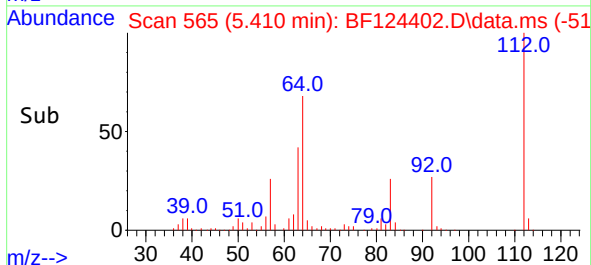
Tgt Ion:152 Resp: 32639
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 52.2 54.3 81.5#



#5
2-Fluorophenol
Concen: 94.789 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



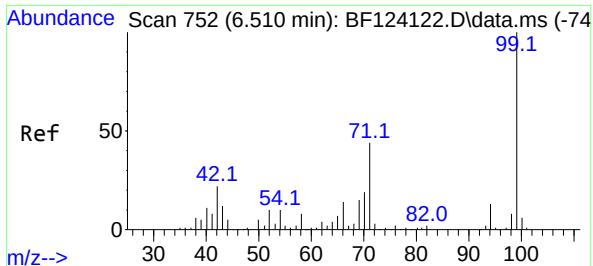
Tgt Ion:112 Resp: 205523
Ion Ratio Lower Upper
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64 68.4 61.4 92.0
63 41.7 33.0 49.4



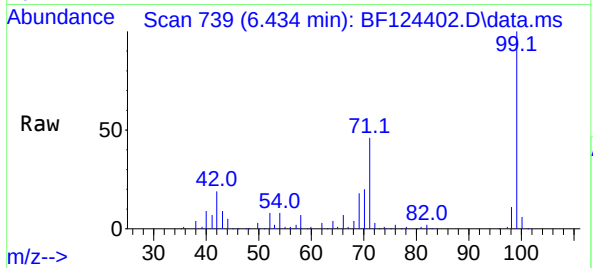
Instrument :
BNA_F
ClientSampled :
SB-2

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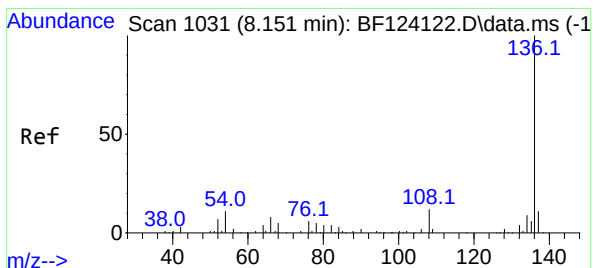
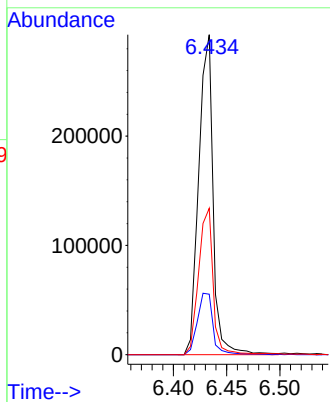
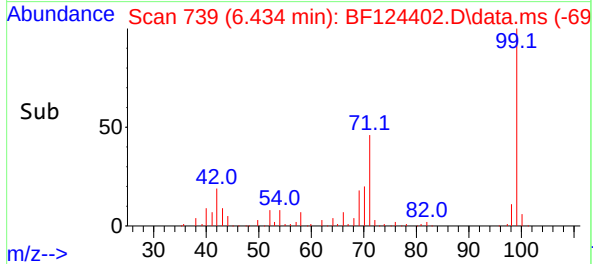
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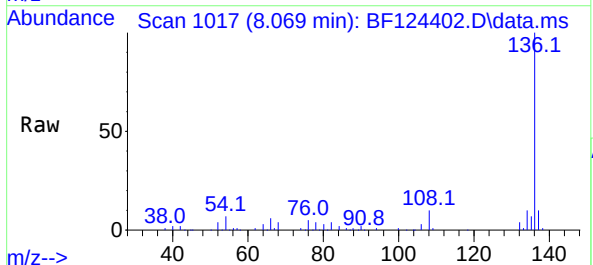
#7
Phenol-d6
Concen: 94.957 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



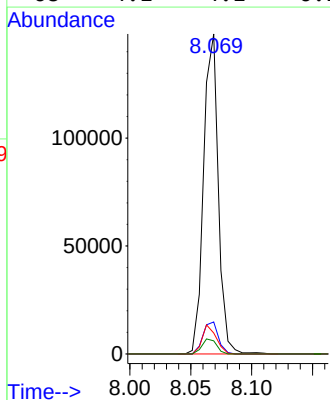
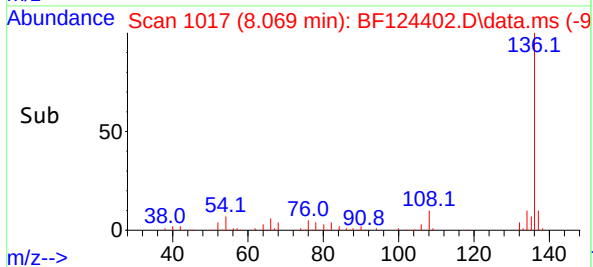
Tgt Ion: 99 Resp: 276743
Ion Ratio Lower Upper
99 100
42 18.9 19.8 29.8#
71 45.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



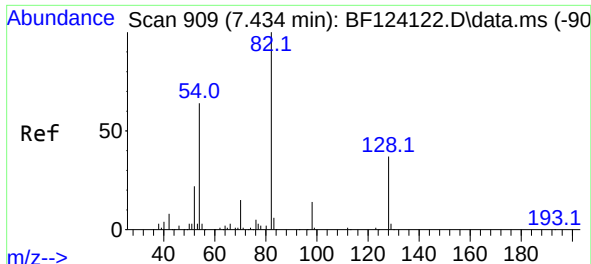
Tgt Ion: 136 Resp: 124235
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 6.6 9.8 14.6#
68 4.1 4.1 6.1



Instrument :
BNA_F
ClientSampled :
SB-2

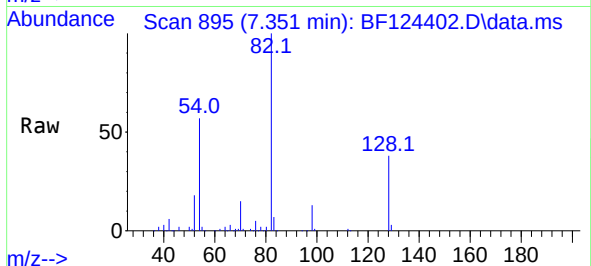
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#23
Nitrobenzene-d5
Concen: 60.280 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

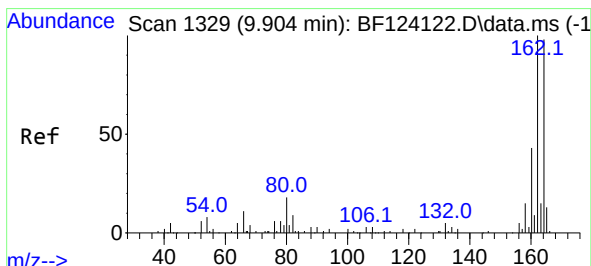
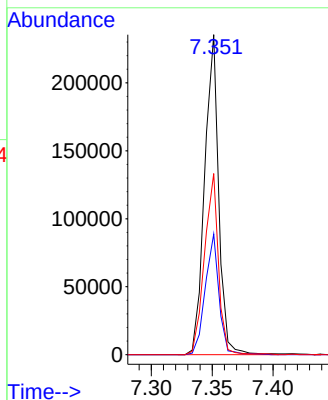
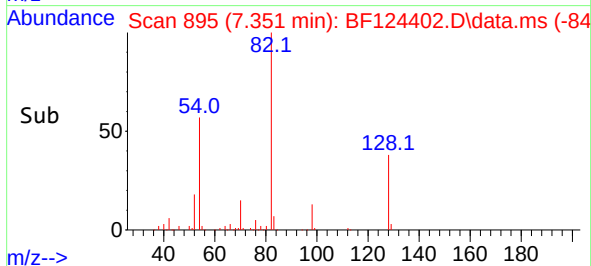
Instrument :
BNA_F
ClientSampled :
SB-2



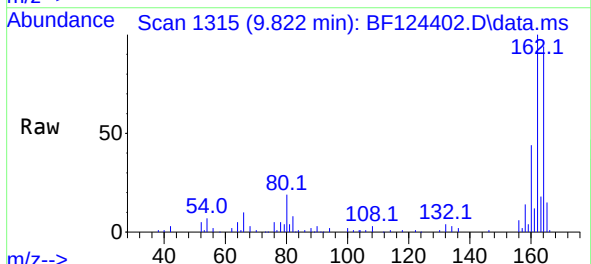
Tgt Ion: 82 Resp: 188821
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 56.6 54.1 81.1

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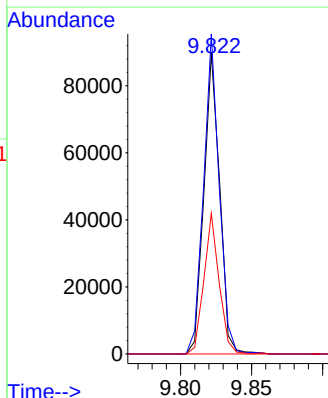
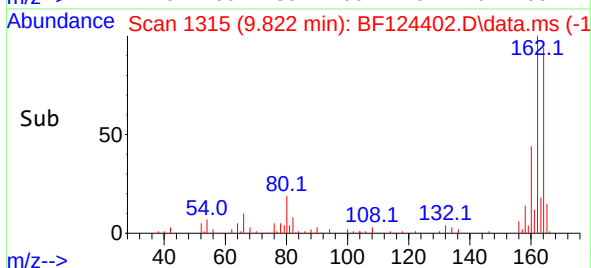
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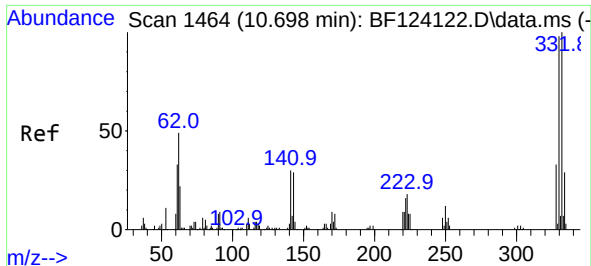


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



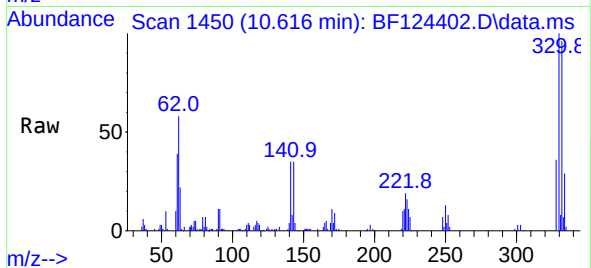
Tgt Ion: 164 Resp: 69166
Ion Ratio Lower Upper
164 100
162 106.4 80.7 121.1
160 46.7 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 89.784 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

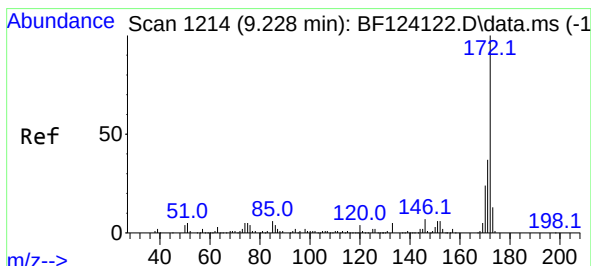
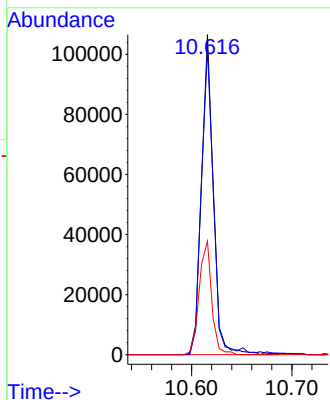
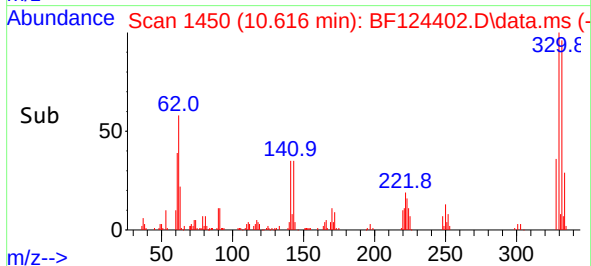
Instrument :
BNA_F
ClientSampled :
SB-2



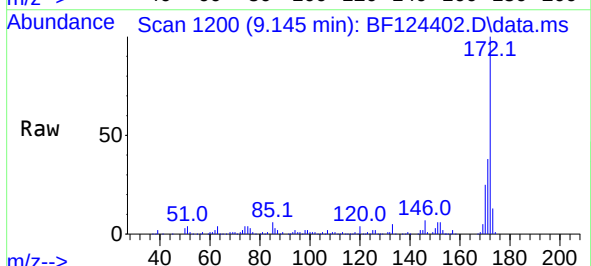
Tgt Ion: 330 Resp: 87981
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 37.3 27.9 41.9

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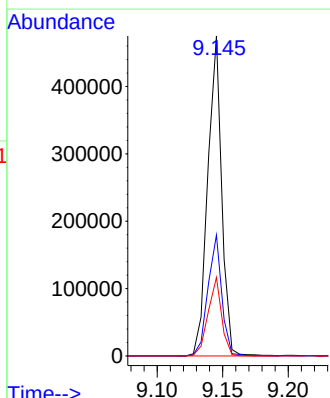
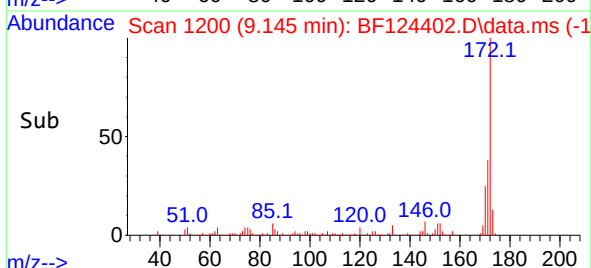
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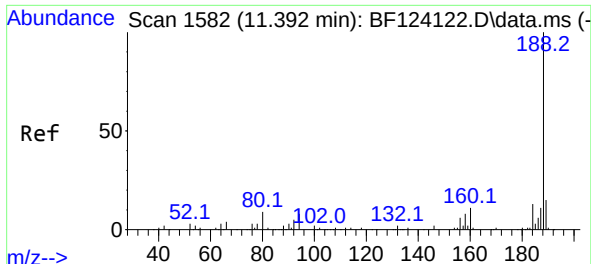


#45
2-Fluorobiphenyl
Concen: 64.057 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



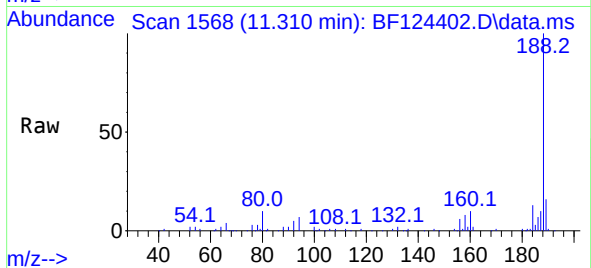
Tgt Ion: 172 Resp: 352091
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 24.5 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

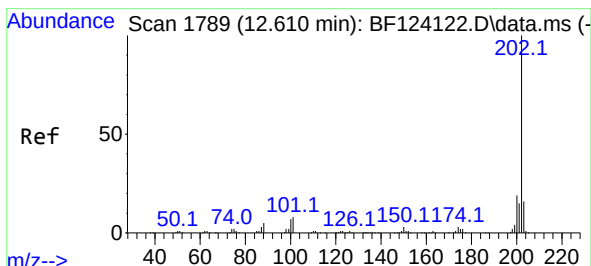
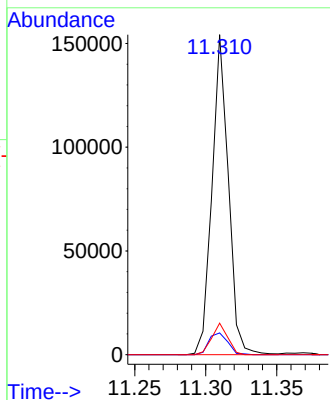
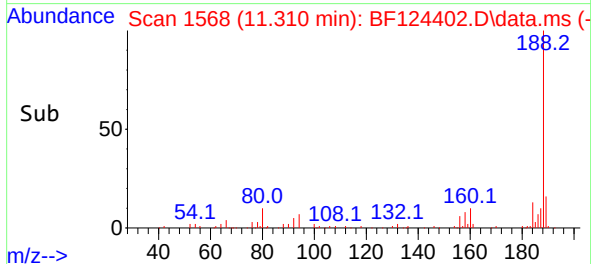
Instrument :
BNA_F
ClientSampled :
SB-2



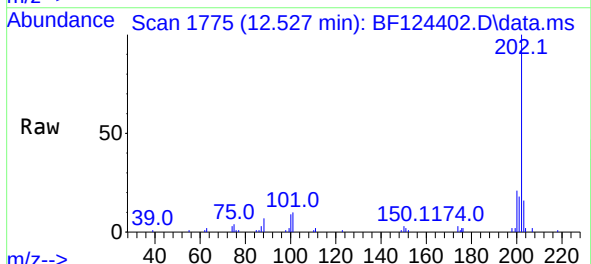
Tgt Ion:188 Resp: 123774
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 9.9 8.2 12.2

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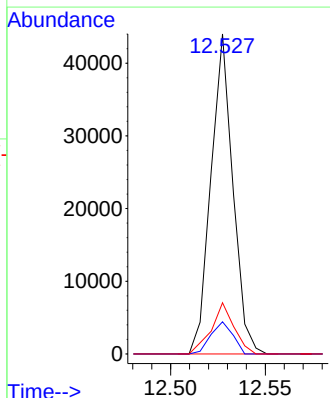
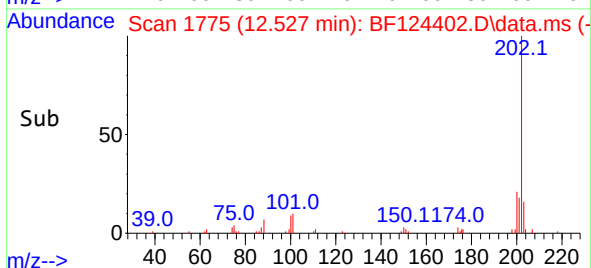
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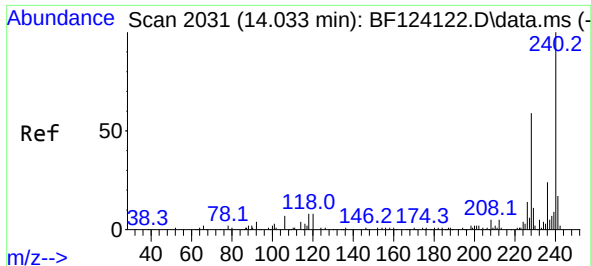


#75
Fluoranthene
Concen: 4.372 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



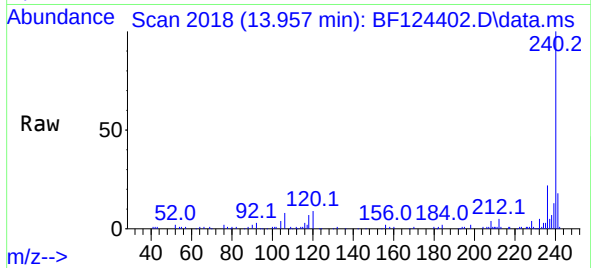
Tgt Ion:202 Resp: 35486
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.9
203 16.0 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

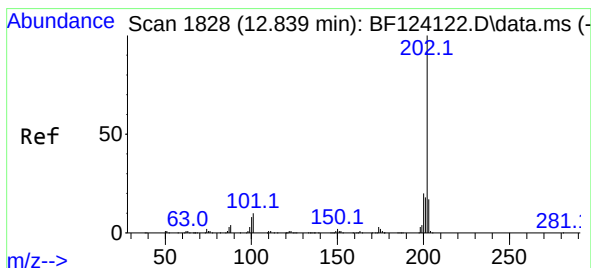
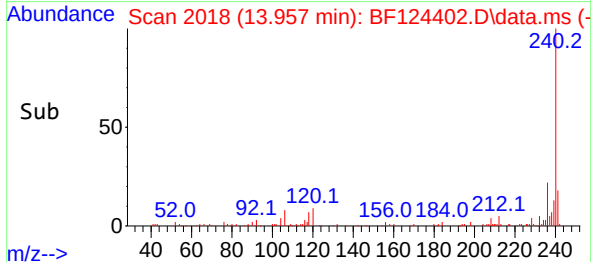
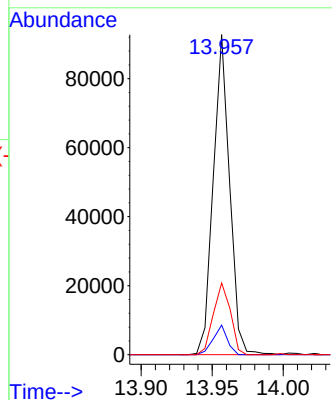
Instrument :
BNA_F
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SB-2



Tgt Ion:240 Resp: 74357
Ion Ratio Lower Upper
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120 9.3 7.2 10.8
236 22.4 19.0 28.4

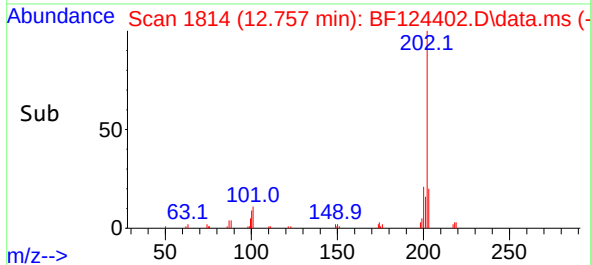
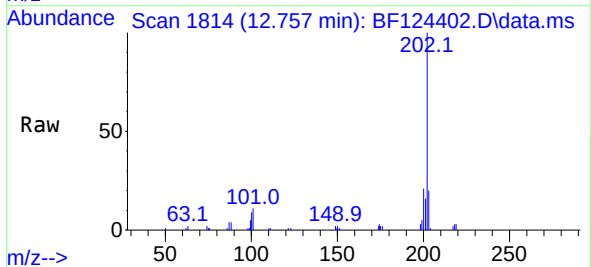
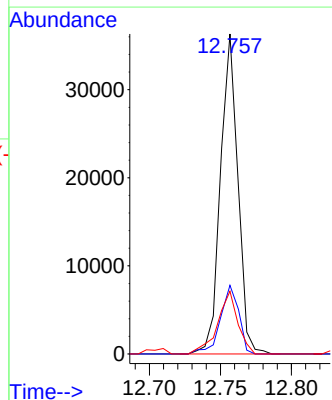
Manual Integrations
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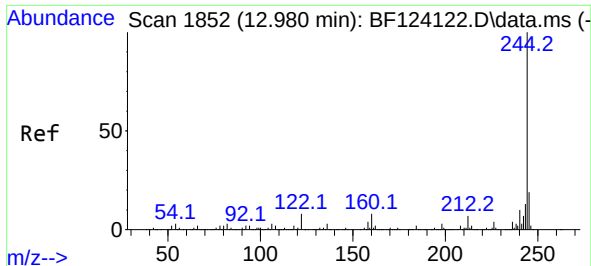
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#78
Pyrene
Concen: 4.330 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

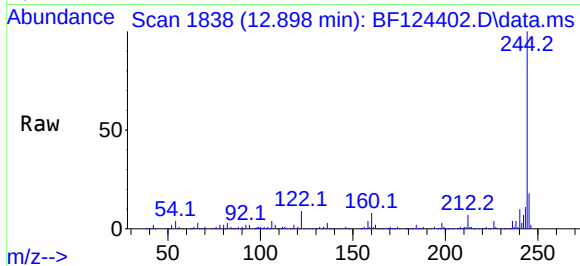
Tgt Ion:202 Resp: 30914
Ion Ratio Lower Upper
202 100
200 21.5 16.1 24.1
203 19.6 14.8 22.2





#79
Terphenyl-d14
Concen: 74.622 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

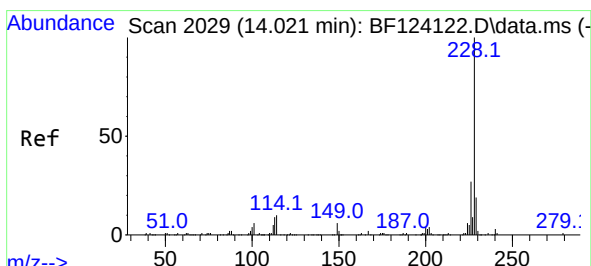
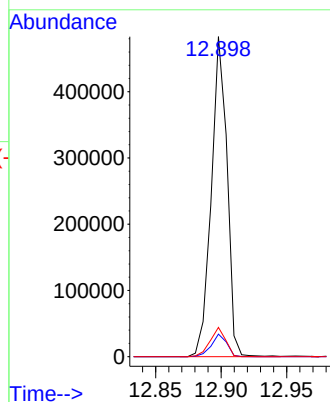
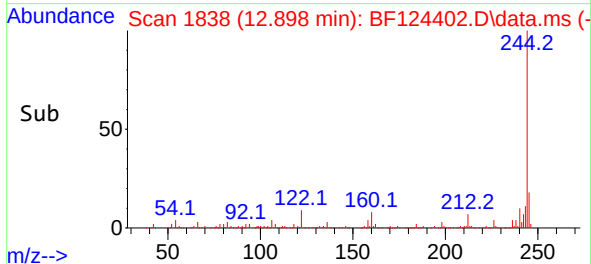
Instrument :
BNA_F
ClientSampled :
SB-2



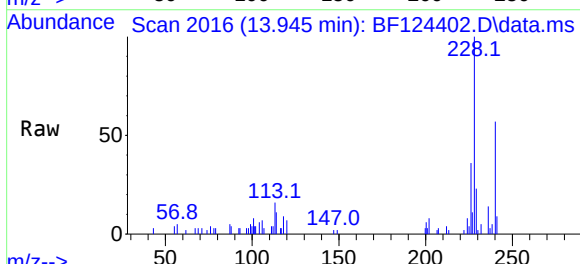
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Ion Ratio Lower Upper
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212 7.0 5.7 8.5
122 9.1 9.7 14.5#

Manual Integrations
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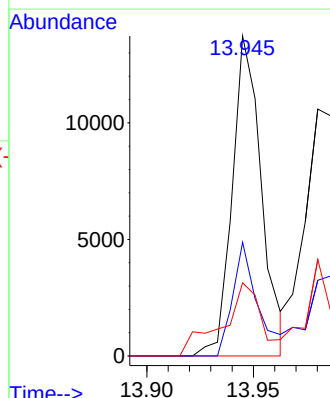
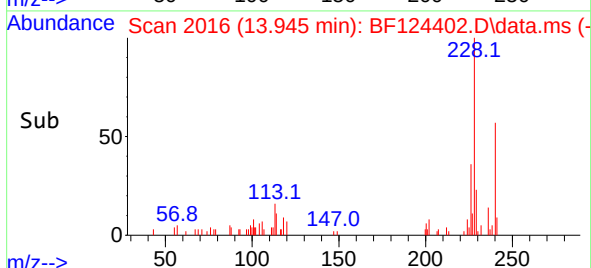
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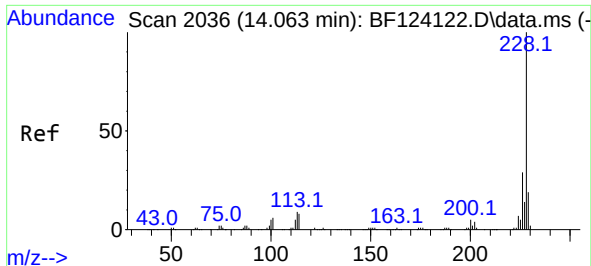


#81
Benzo(a)anthracene
Concen: 2.421 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

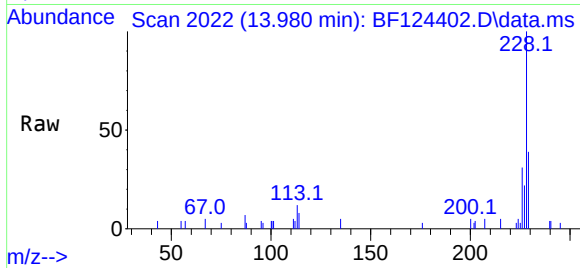


Tgt Ion:228 Resp: 13114
Ion Ratio Lower Upper
228 100
226 35.5 22.4 33.6#
229 22.9 16.0 24.0

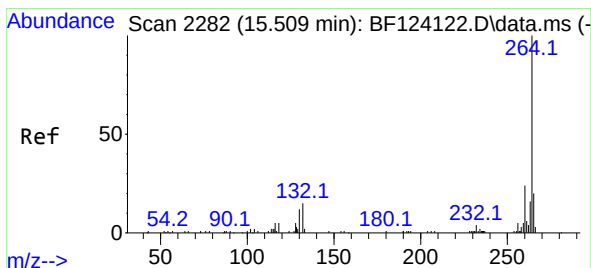
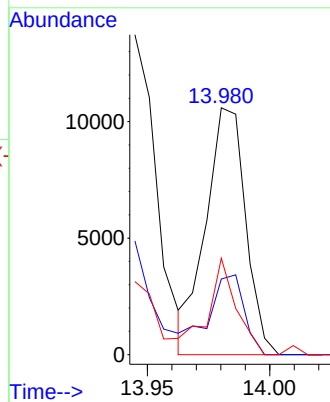
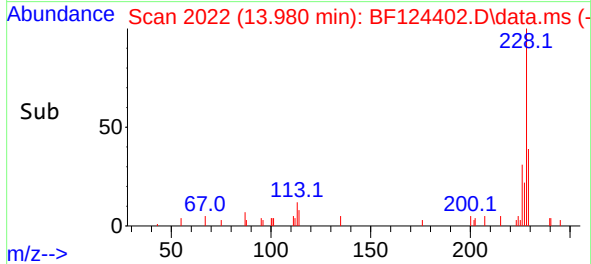




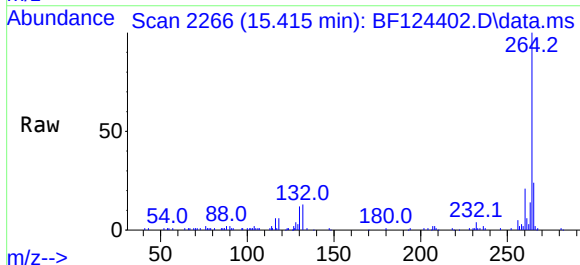
#83
Chrysene
Concen: 2.292 ng m
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



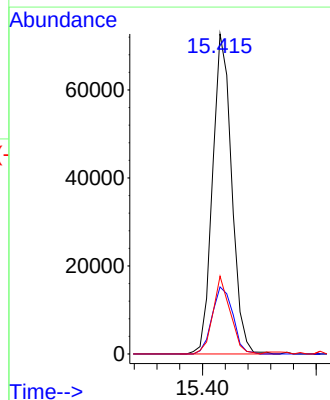
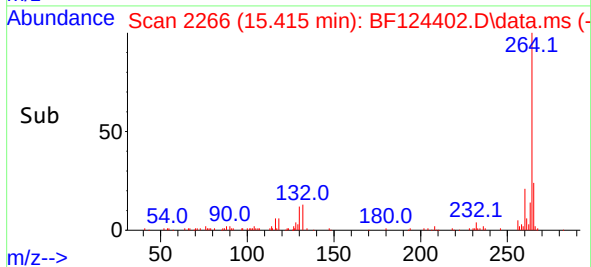
Tgt Ion:228 Resp: 11977
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 39.1 16.2 24.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



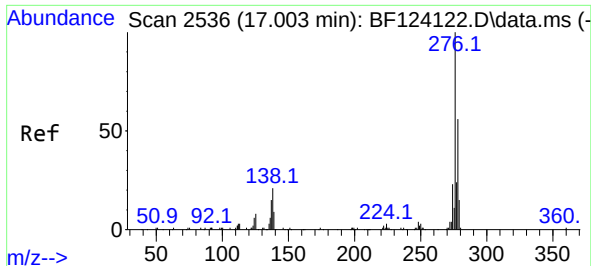
Tgt Ion:264 Resp: 84898
Ion Ratio Lower Upper
264 100
260 21.0 18.7 28.1
265 24.3 17.8 26.8



Instrument :
BNA_F
ClientSampled :
SB-2

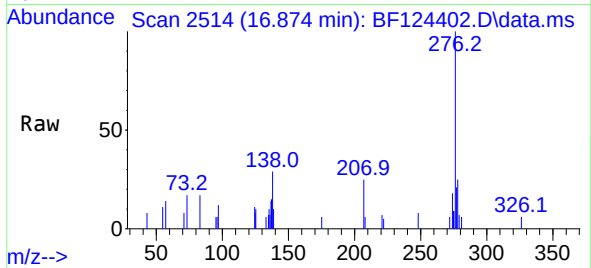
Manual Integrations
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6/23/2021 11:48:15 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.609 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

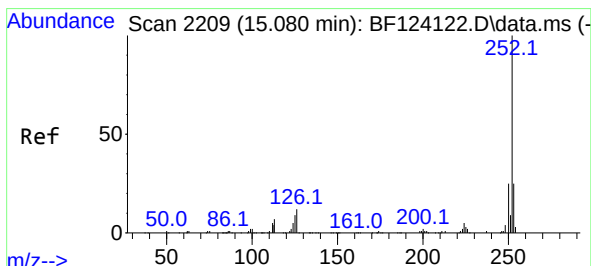
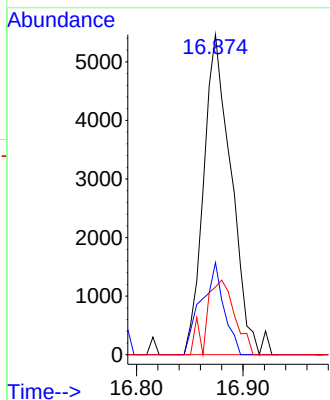
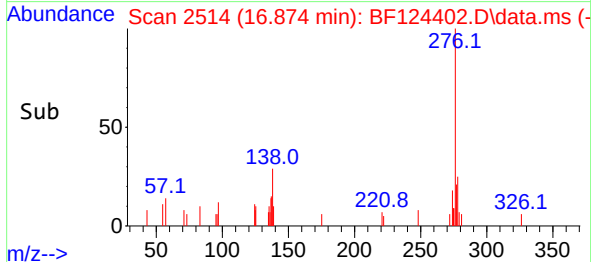
Instrument :
BNA_F
ClientSampled :
SB-2



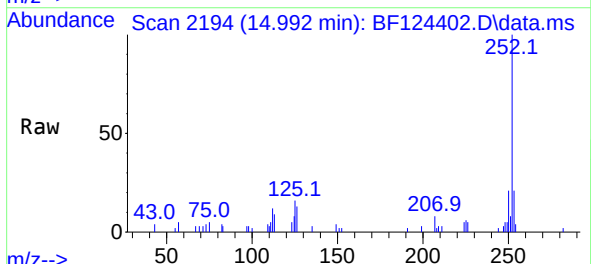
Tgt Ion: 276 Resp: 9892
Ion Ratio Lower Upper
276 100
138 23.7 16.2 24.2
277 23.6 20.1 30.1

Manual Integrations
APPROVED

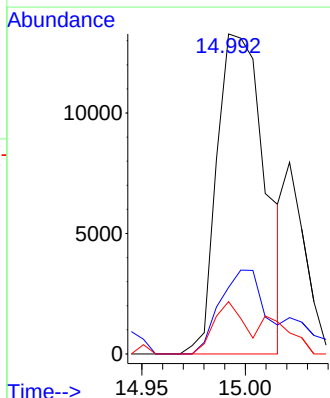
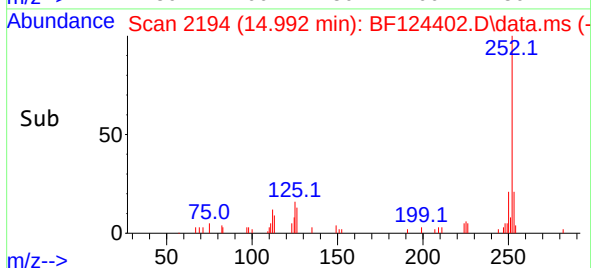
mohammad
6/23/2021 11:48:15 AM

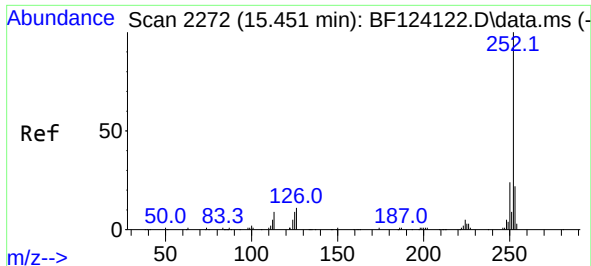


#88
Benzo(b)fluoranthene
Concen: 3.254 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



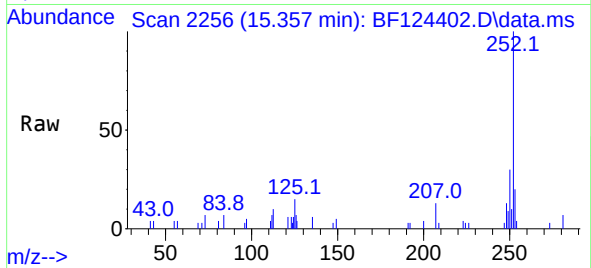
Tgt Ion: 252 Resp: 21462
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 16.3 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.254 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02

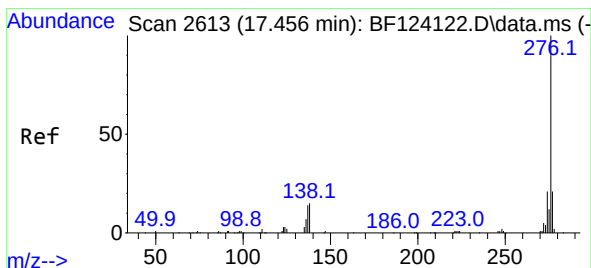
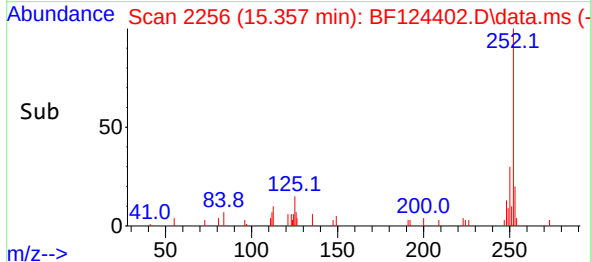
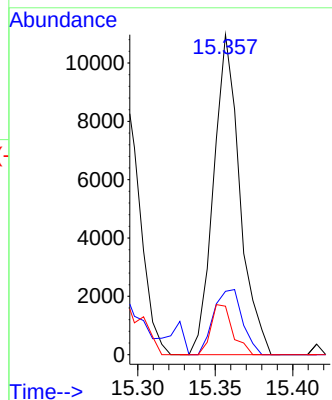
Instrument :
BNA_F
ClientSampled :
SB-2



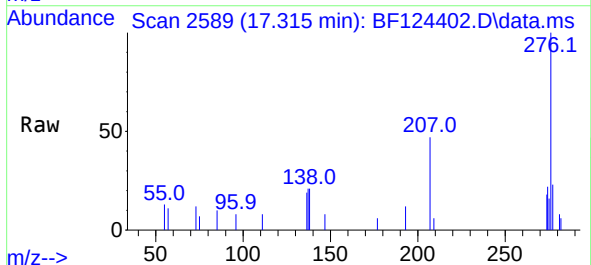
Tgt Ion:252 Resp: 12911
Ion Ratio Lower Upper
252 100
253 19.8 18.4 27.6
125 15.1 8.0 12.0#

Manual Integrations
APPROVED

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6/23/2021 11:48:15 AM



#92
Benzo(g,h,i)perylene
Concen: 5.297 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF124402.D
Acq: 21 Jun 2021 20:02



Tgt Ion:276 Resp: 9631
Ion Ratio Lower Upper
276 100
277 23.2 18.2 27.2
138 21.3 13.8 20.6#

