

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125874.D
 Acq On : 18 Oct 2021 13:34
 Operator : JU/CG
 Sample : M4222-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-A(1)

Manual Integrations
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Quant Time: Oct 18 14:03:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	179565	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	707116	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	342872	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	483068	20.00	ng	0.00
76) Chrysene-d12	13.968	240	365842	20.00	ng	0.00
86) Perylene-d12	15.421	264	360020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	212560	19.34	ng	-0.01
7) Phenol-d6	6.440	99	259050	18.31	ng	-0.02
23) Nitrobenzene-d5	7.375	82	148045	13.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	55191	16.30	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	310419	15.62	ng	0.00
79) Terphenyl-d14	12.916	244	207825	8.65	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	117044	4.53	ng	100
75) Fluoranthene	12.545	202	207659	8.90	ng	97
78) Pyrene	12.774	202	198078	5.33	ng	99
81) Benzo(a)anthracene	13.957	228	109939	4.63	ng	96
83) Chrysene	13.998	228	102083	4.35	ng	97
88) Benzo(b)fluoranthene	14.998	252	143672m	7.07	ng	
89) Benzo(k)fluoranthene	15.021	252	44868m	2.15	ng	
90) Benzo(a)pyrene	15.357	252	102947	5.72	ng	98
92) Benzo(g,h,i)perylene	17.280	276	52059	2.25	ng	94

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

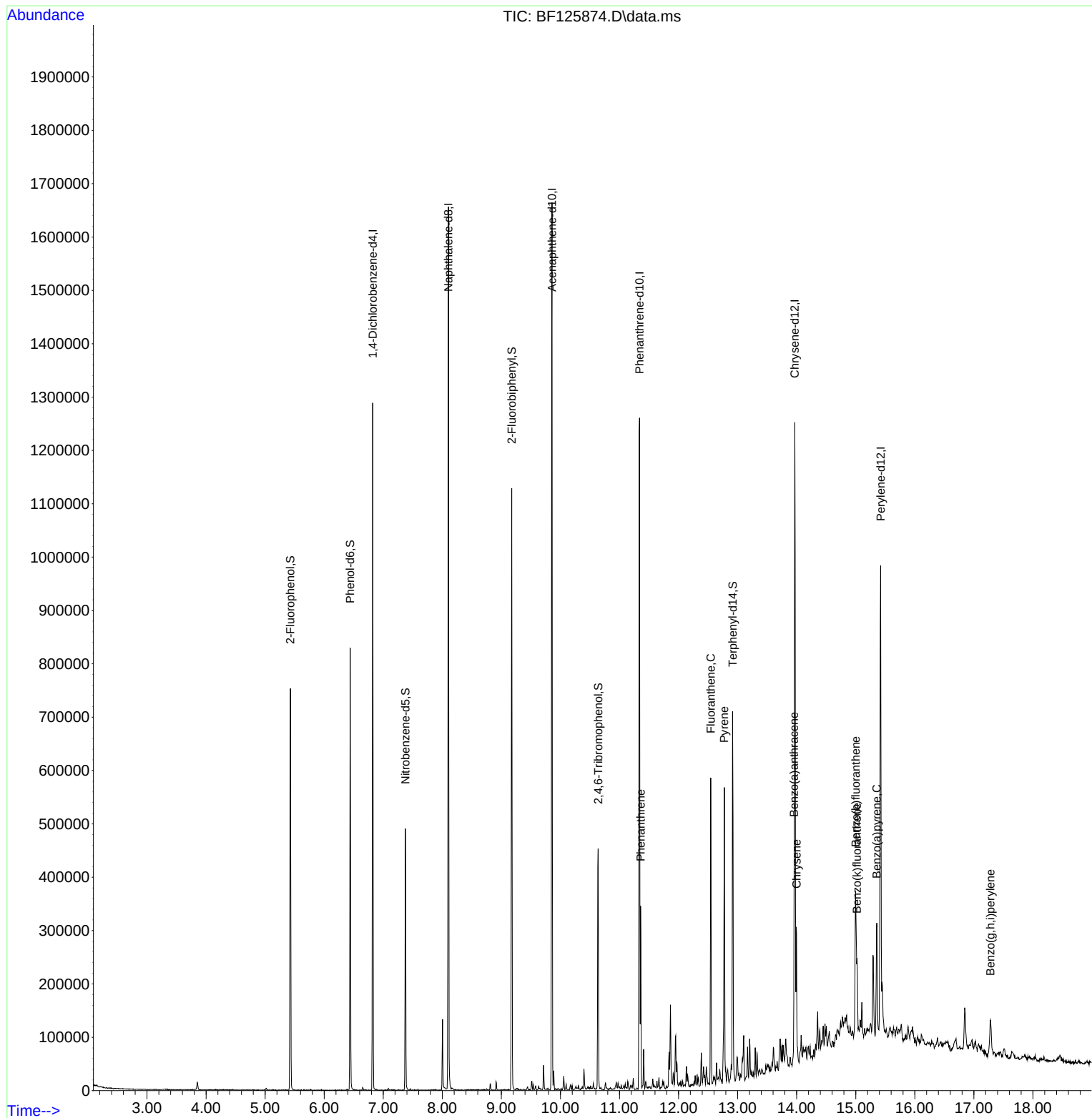
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125874.D
Acq On : 18 Oct 2021 13:34
Operator : JU/CG
Sample : M4222-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

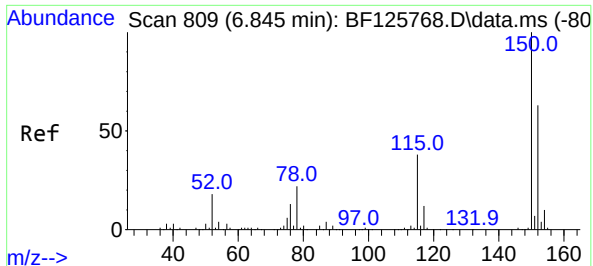
Instrument :
BNA_F
ClientSampleId :
TEST-A(1)

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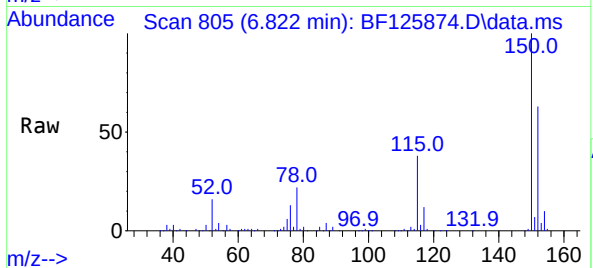
Quant Time: Oct 18 14:03:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

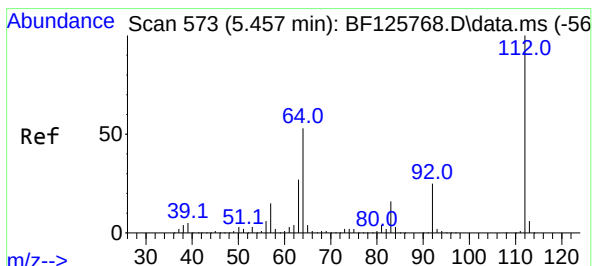
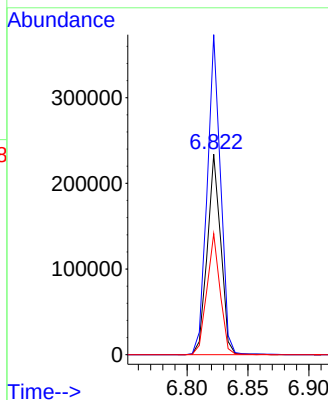
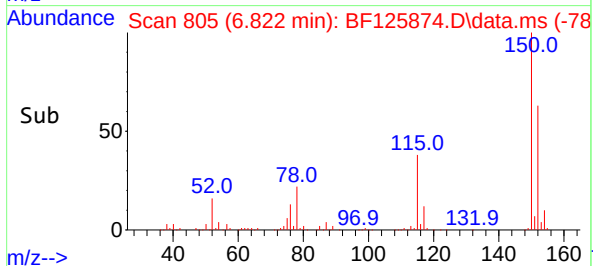
Instrument :
BNA_F
ClientSampled :
TEST-A(1)



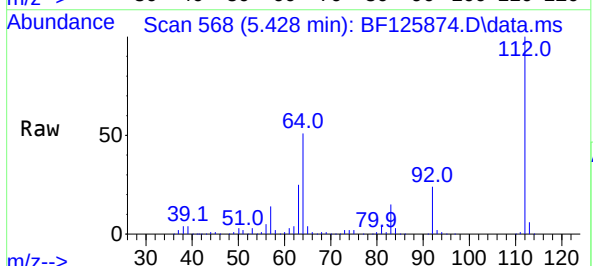
Tgt Ion:152 Resp: 179565
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 60.3 47.1 70.7

Manual Integrations
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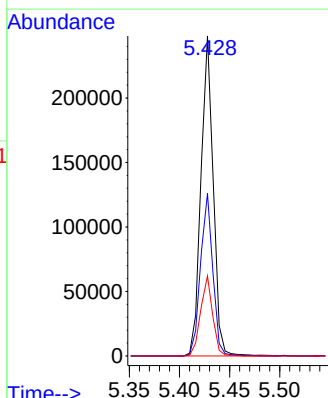
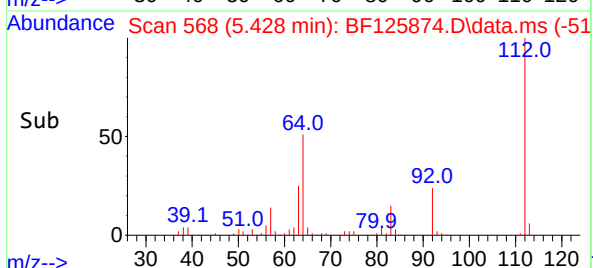
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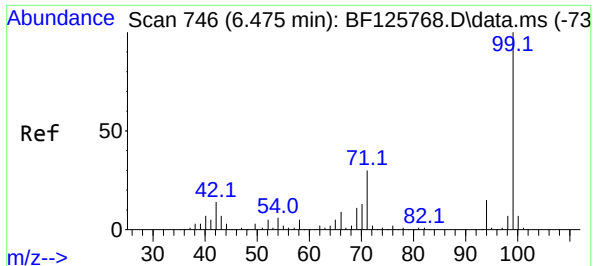


#5
2-Fluorophenol
Concen: 19.34 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



Tgt Ion:112 Resp: 212560
Ion Ratio Lower Upper
112 100
64 50.8 44.2 66.2
63 25.0 26.2 39.2#





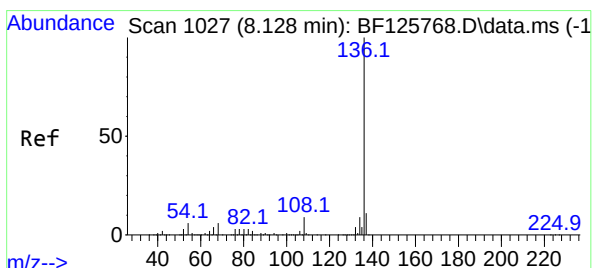
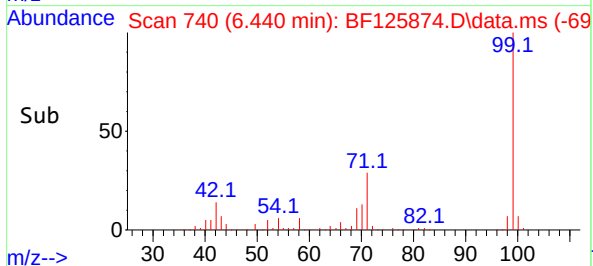
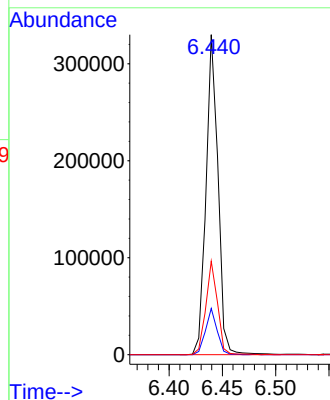
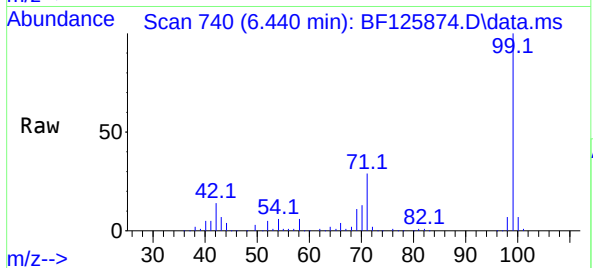
#7
Phenol-d6
Concen: 18.31 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

Tgt Ion: 99 Resp: 259050
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 29.2 25.6 38.4

Instrument :
BNA_F
ClientSampled :
TEST-A(1)

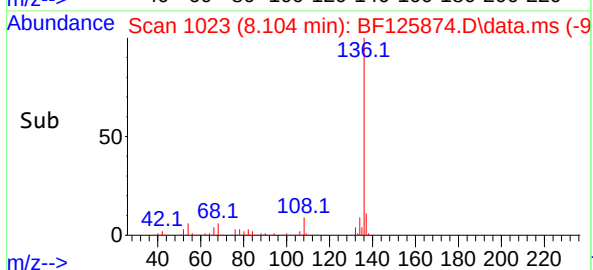
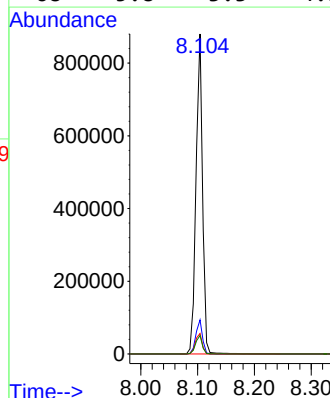
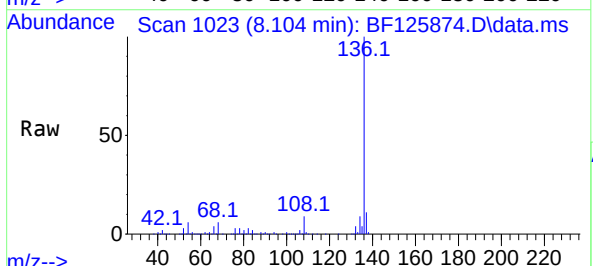
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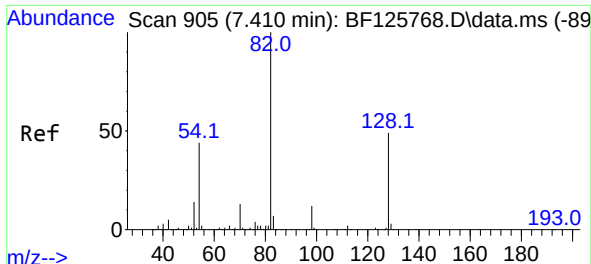
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

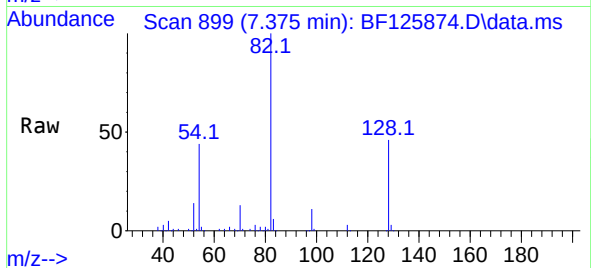
Tgt Ion: 136 Resp: 707116
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.4 6.4 9.6
68 5.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 13.01 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

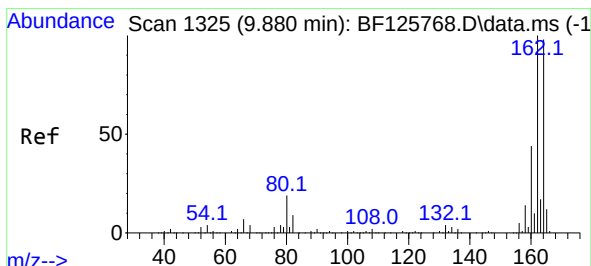
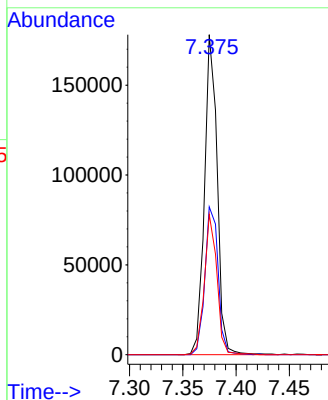
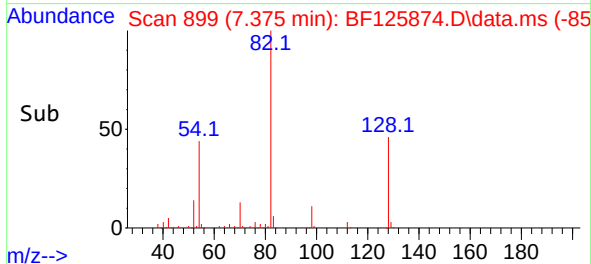
Instrument :
BNA_F
ClientSampled :
TEST-A(1)



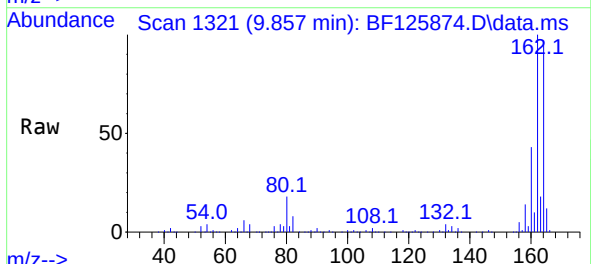
Tgt Ion: 82 Resp: 148045
Ion Ratio Lower Upper
82 100
128 46.2 40.6 60.8
54 43.8 49.6 74.4#

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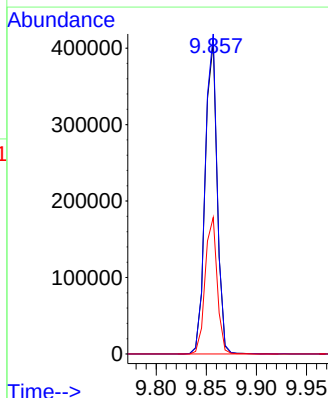
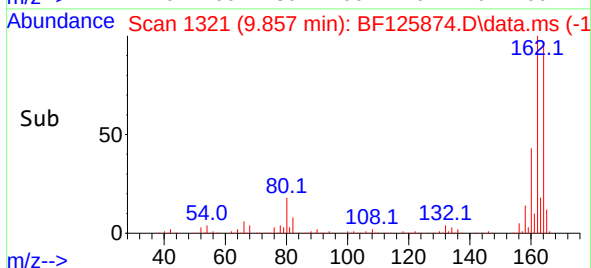
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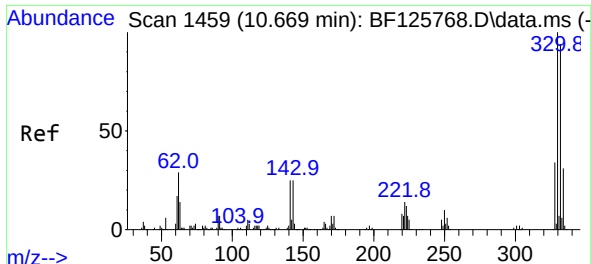


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

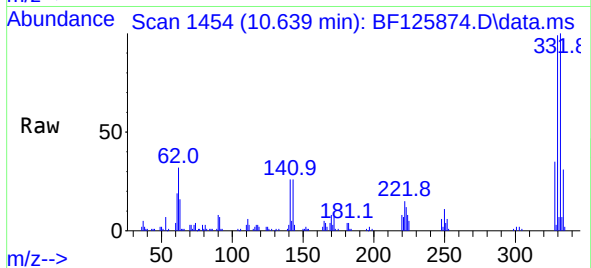


Tgt Ion: 164 Resp: 342872
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 43.8 38.0 57.0

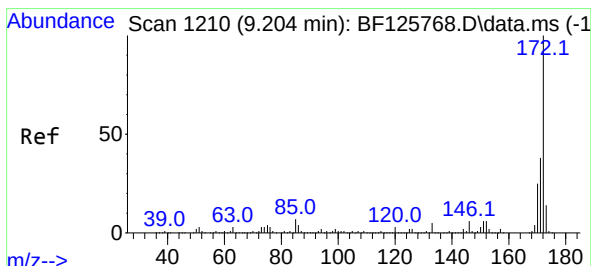
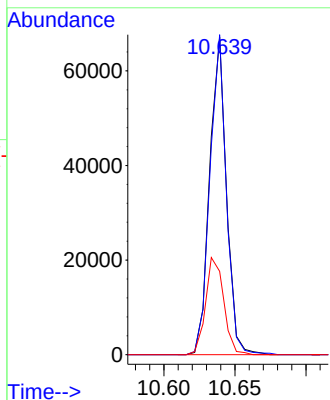
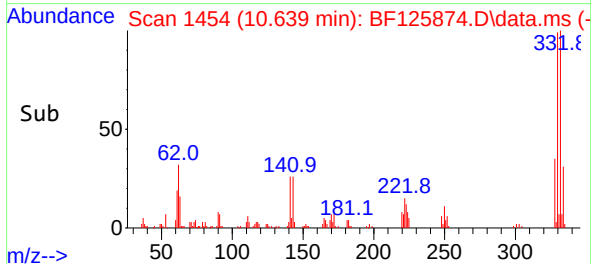




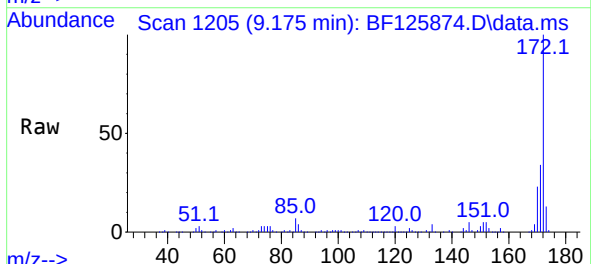
#42
2,4,6-Tribromophenol
Concen: 16.30 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



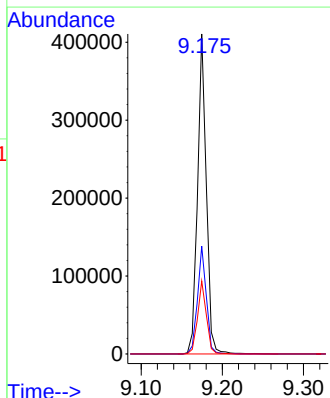
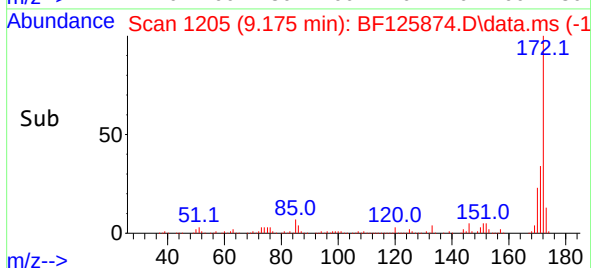
Tgt Ion: 330 Resp: 55191
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.4
141 33.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 15.62 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



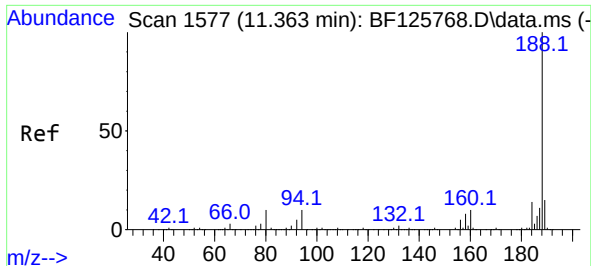
Tgt Ion: 172 Resp: 310419
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 22.8 18.8 28.2



Instrument :
BNA_F
ClientSampled :
TEST-A(1)

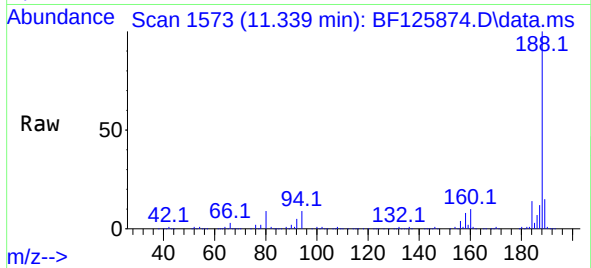
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

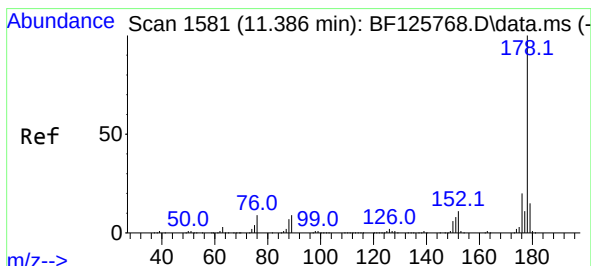
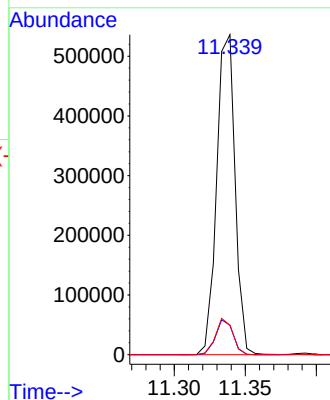
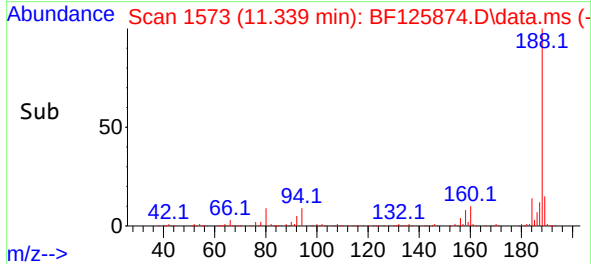
Instrument :
BNA_F
ClientSampleId :
TEST-A(1)



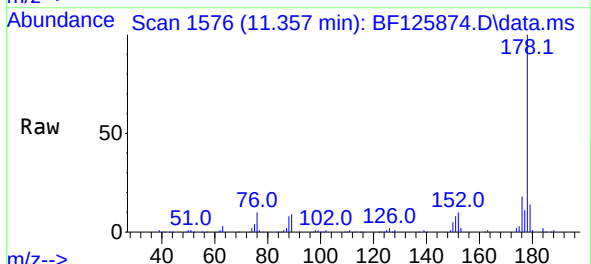
Tgt Ion:188 Resp: 483068
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.2 7.5 11.3

Manual Integrations
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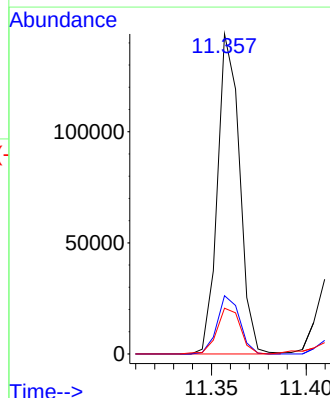
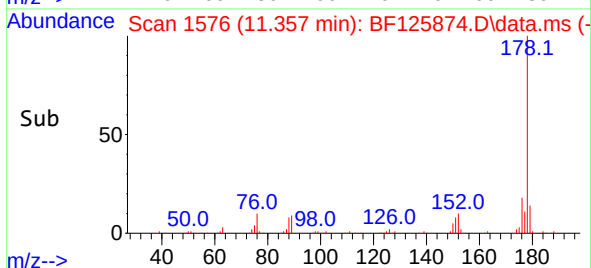
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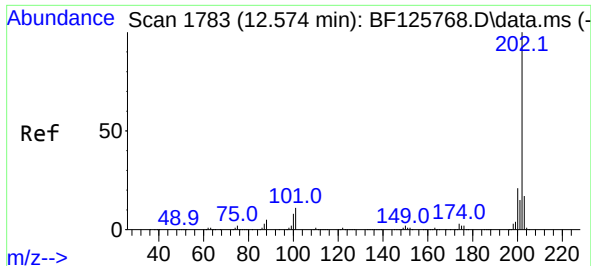


#71
Phenanthrene
Concen: 4.53 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



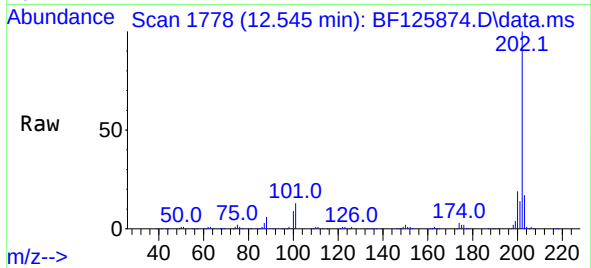
Tgt Ion:178 Resp: 117044
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.3 11.5 17.3





#75
Fluoranthene
Concen: 8.90 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

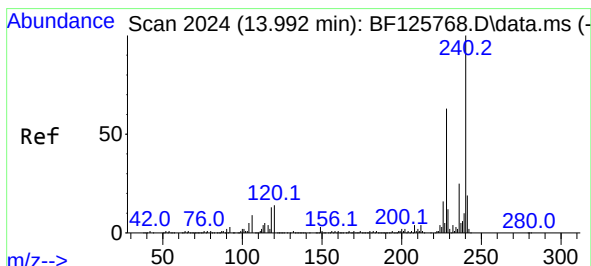
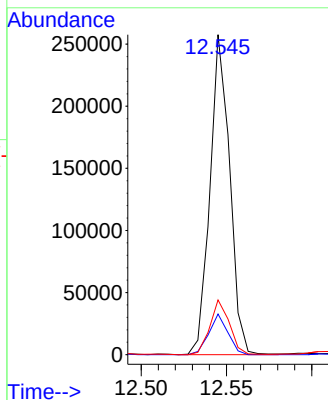
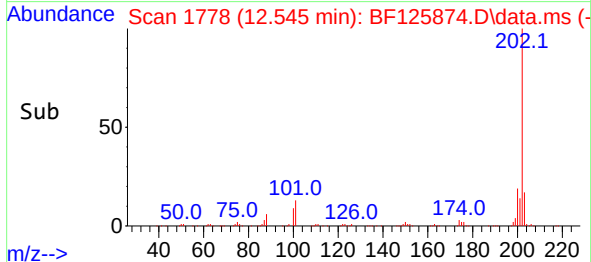
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BNA_F
ClientSampleId :
TEST-A(1)



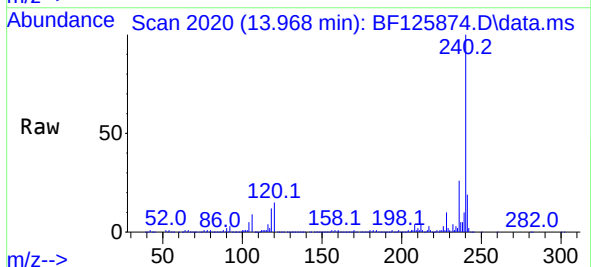
Tgt Ion:202 Resp: 207659
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.7
203 17.1 0.0 36.3

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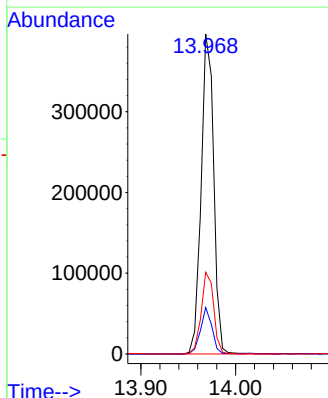
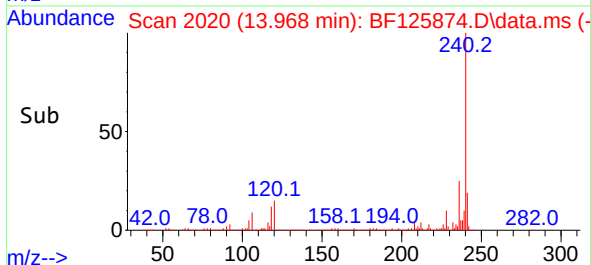
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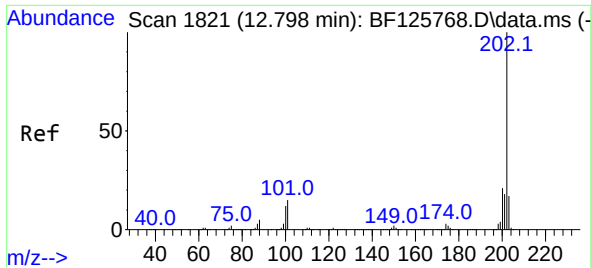


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

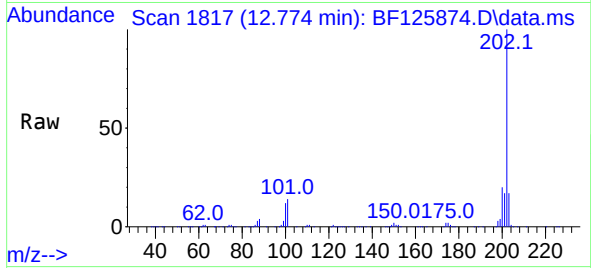


Tgt Ion:240 Resp: 365842
Ion Ratio Lower Upper
240 100
120 14.5 10.8 16.2
236 25.6 21.6 32.4





#78
Pyrene
Concen: 5.33 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

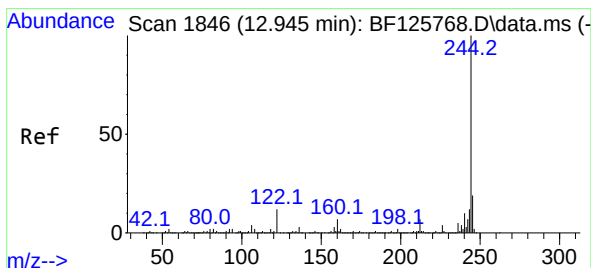
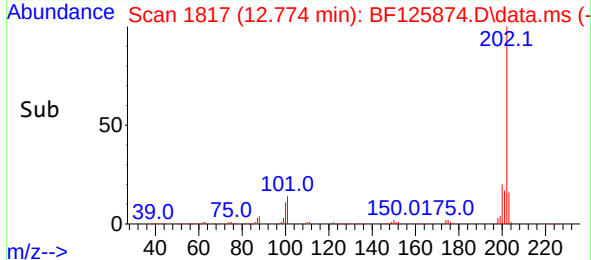
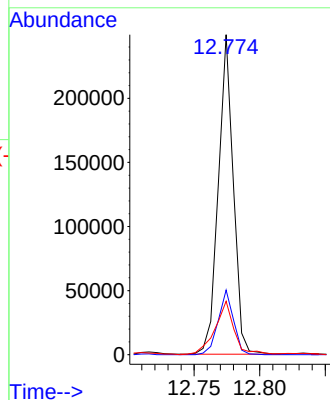


Tgt Ion:202 Resp: 198078
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 16.7 13.4 20.0

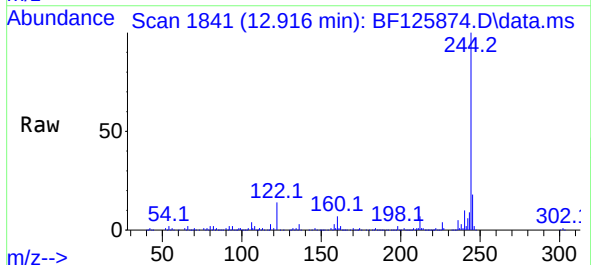
Instrument :
BNA_F
ClientSampleId :
TEST-A(1)

Manual Integrations
APPROVED

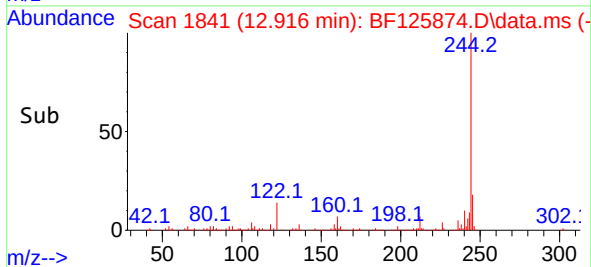
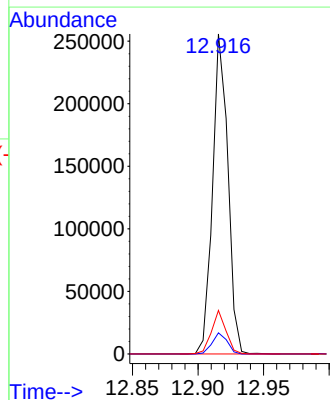
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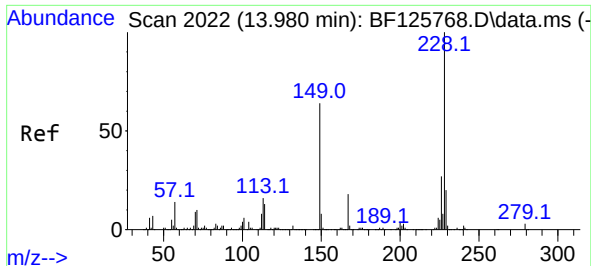


#79
Terphenyl-d14
Concen: 8.65 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



Tgt Ion:244 Resp: 207825
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.6 9.0 13.4#





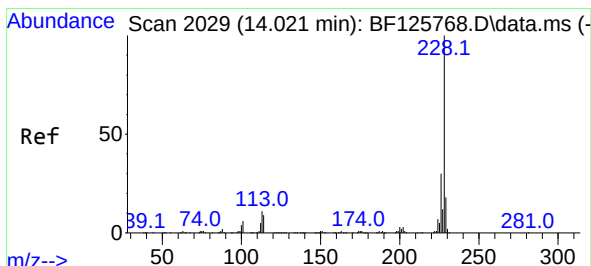
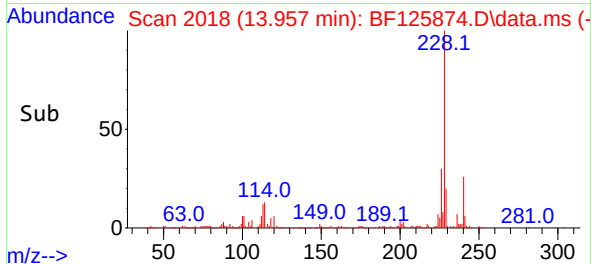
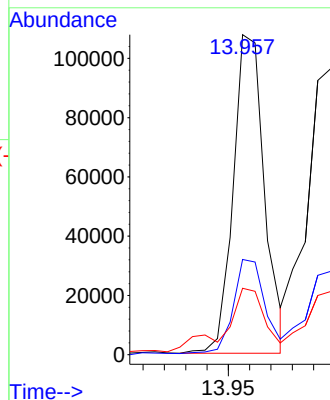
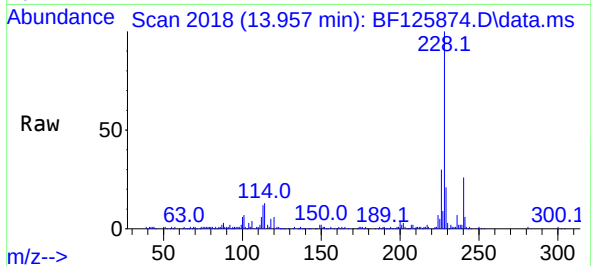
#81
Benzo(a)anthracene
Concen: 4.63 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

Tgt Ion:228 Resp: 109939
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 20.8 15.6 23.4

Instrument :
BNA_F
ClientSampled :
TEST-A(1)

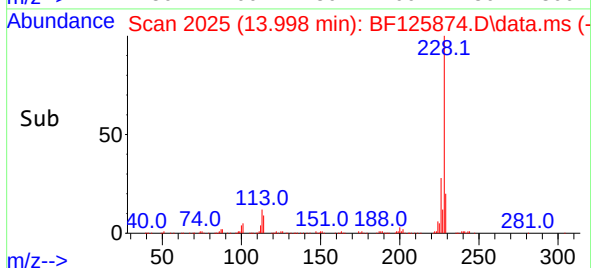
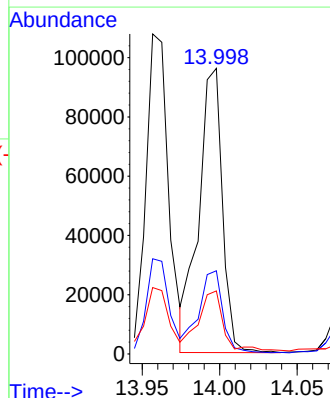
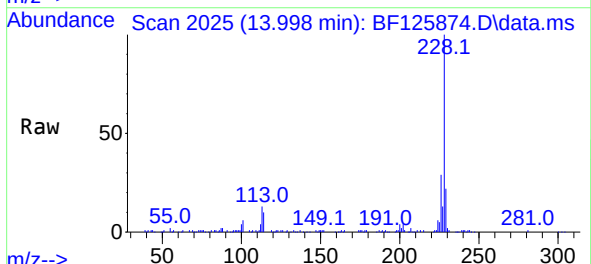
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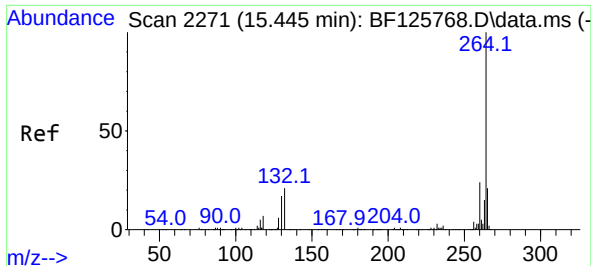
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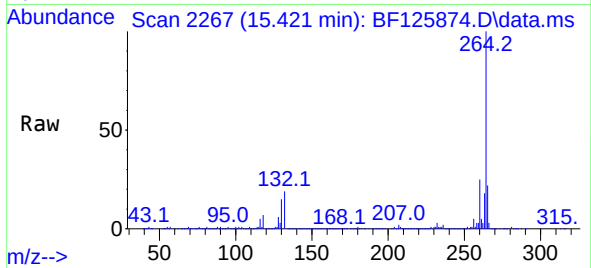
#83
Chrysene
Concen: 4.35 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

Tgt Ion:228 Resp: 102083
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 22.1 15.9 23.9

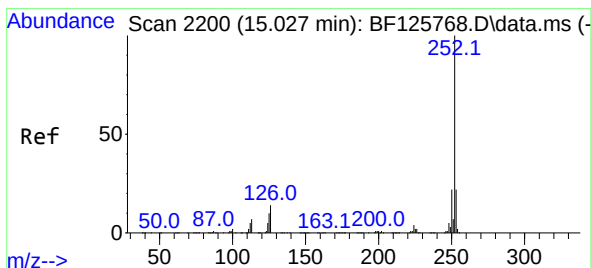
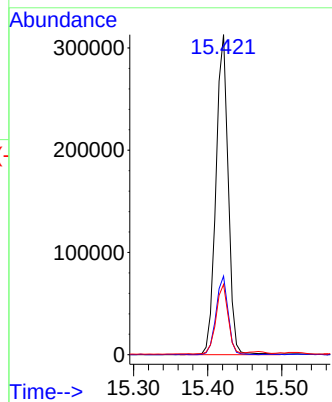
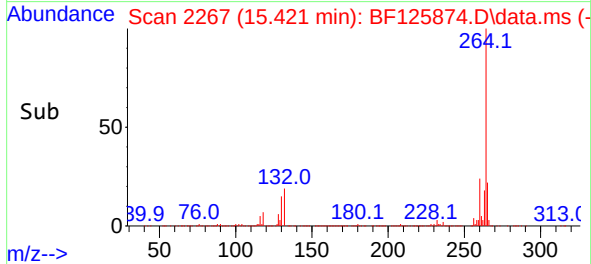




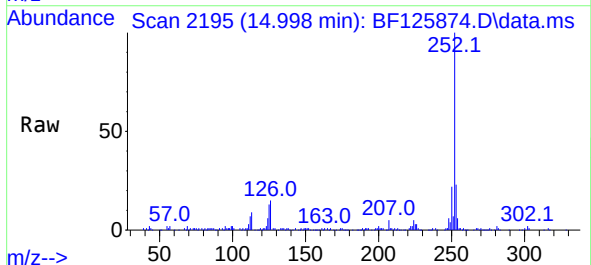
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



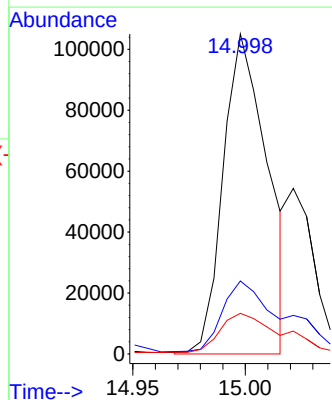
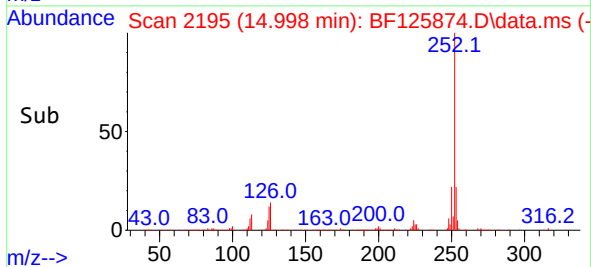
Tgt Ion:264 Resp: 360020
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 7.07 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34



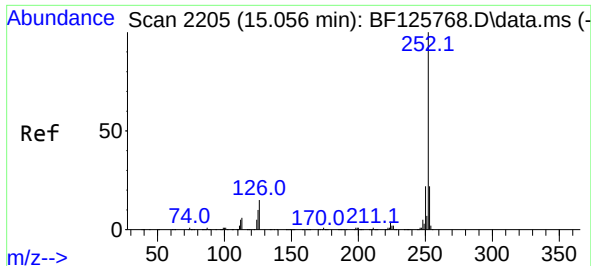
Tgt Ion:252 Resp: 143672
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 12.7 9.8 14.8



Instrument :
BNA_F
ClientSampled :
TEST-A(1)

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#89

Benzo(k)fluoranthene

Concen: 2.15 ng m

RT: 15.021 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF125874.D

Acq: 18 Oct 2021 13:34

Tgt Ion:	252	Resp:	44868
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	13.8	7.2	10.8#

Instrument :

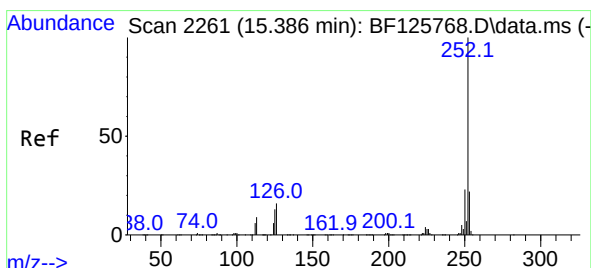
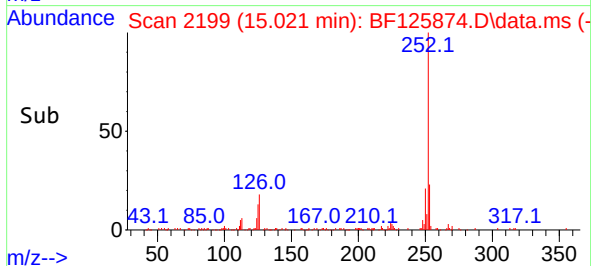
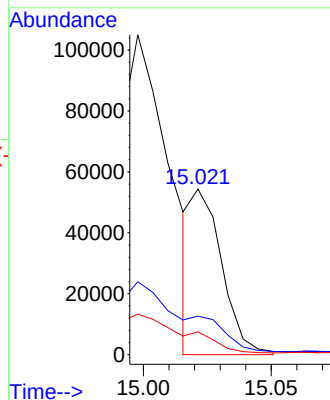
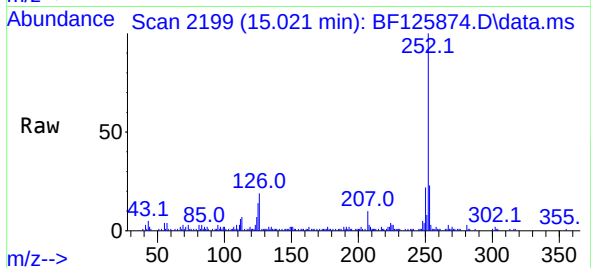
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 5.72 ng

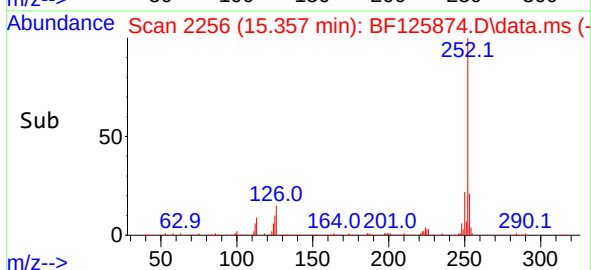
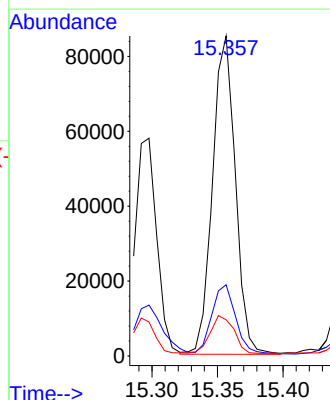
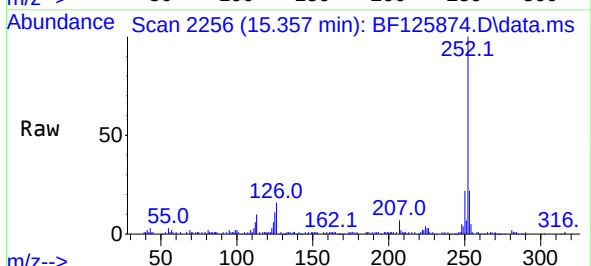
RT: 15.357 min Scan# 2256

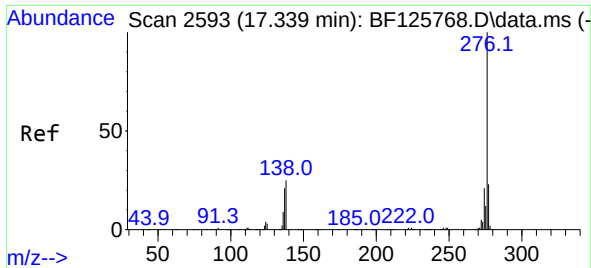
Delta R.T. -0.006 min

Lab File: BF125874.D

Acq: 18 Oct 2021 13:34

Tgt Ion:	252	Resp:	102947
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	11.3	9.9	14.9





#92
Benzo(g,h,i)perylene
Concen: 2.25 ng
RT: 17.280 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BF125874.D
Acq: 18 Oct 2021 13:34

Tgt Ion:	276	Resp:	52059
Ion Ratio	Lower	Upper	
276	100		
277	22.8	22.0	33.0
138	26.3	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
TEST-A(1)

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