

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125023.D
 Acq On : 10 Aug 2021 2:59
 Operator : JU/CG
 Sample : M3314-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11931

Manual Integrations
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Quant Time: Aug 10 04:48:21 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	5652	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	18161	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	8700	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	15275	20.000	ng	0.00
76) Chrysene-d12	13.980	240	11045	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	7967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	12567	36.423	ng	0.00
7) Phenol-d6	6.451	99	14742	33.885	ng	0.00
23) Nitrobenzene-d5	7.381	82	9524	27.434	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	2828	36.384	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	16473	27.706	ng	0.00
79) Terphenyl-d14	12.921	244	18266	27.896	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.557	202	5353	6.245	ng	98
78) Pyrene	12.780	202	5508	6.331	ng	98
81) Benzo(a)anthracene	13.974	228	2917	4.053	ng	95
83) Chrysene	14.010	228	2668	3.834	ng	95
87) Indeno(1,2,3-cd)pyrene	16.892	276	1433	3.020	ng	# 56
88) Benzo(b)fluoranthene	15.015	252	3587m	6.412	ng	
90) Benzo(a)pyrene	15.374	252	2588	5.433	ng	# 88
92) Benzo(g,h,i)perylene	17.333	276	1330m	3.324	ng	

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

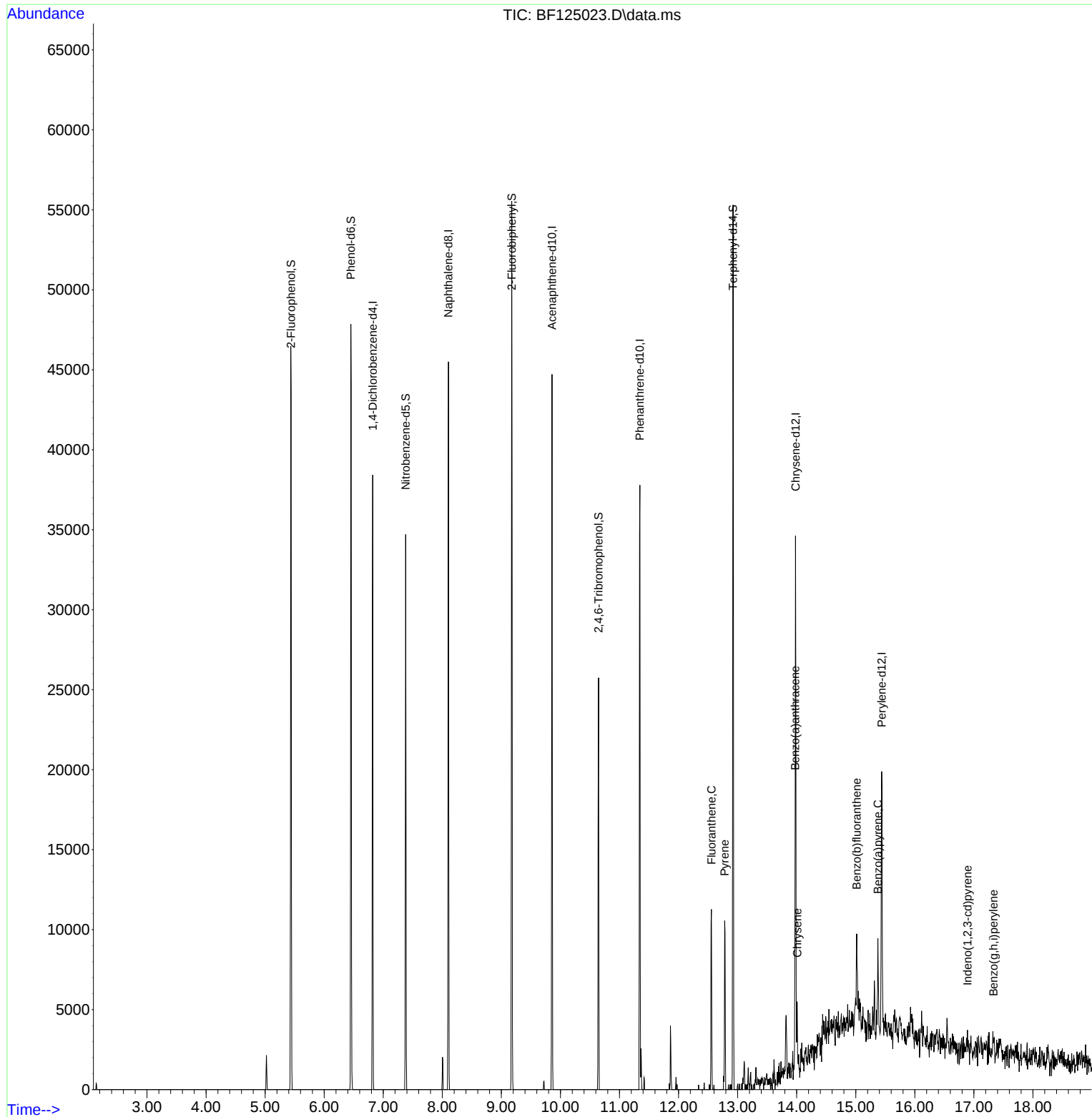
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125023.D
Acq On : 10 Aug 2021 2:59
Operator : JU/CG
Sample : M3314-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

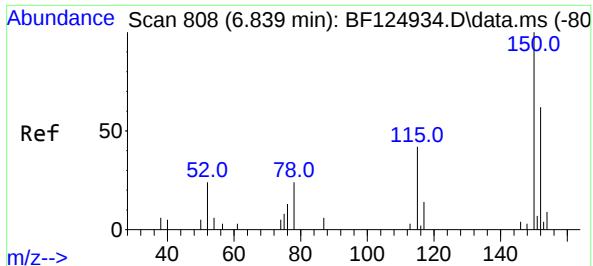
Instrument :
BNA_F
ClientSampleId :
72-11931

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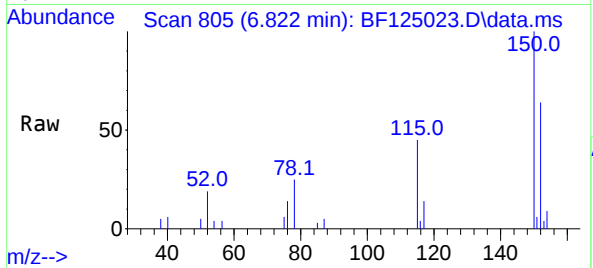
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

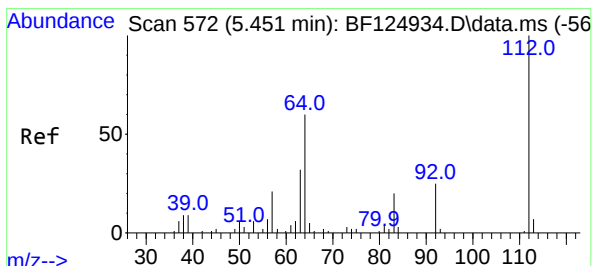
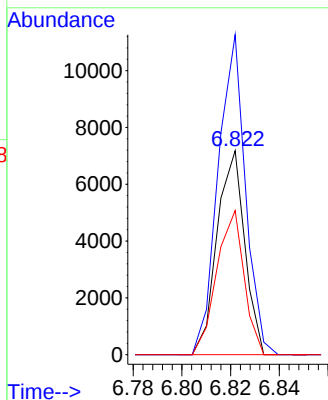
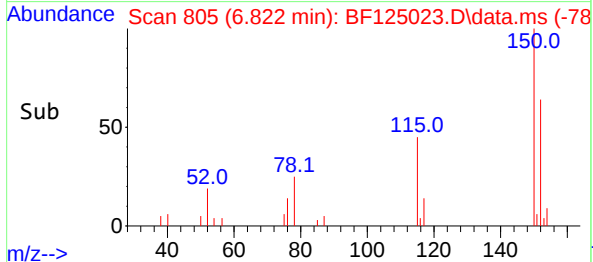
Instrument :
BNA_F
ClientSampled :
72-11931



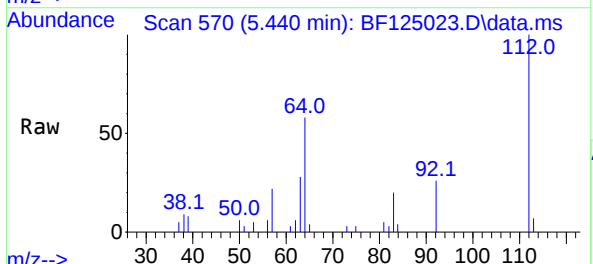
Tgt Ion:152 Resp: 5652
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 70.7 47.1 70.7

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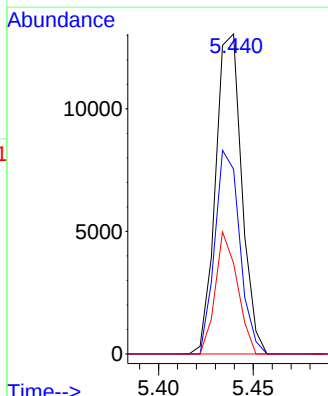
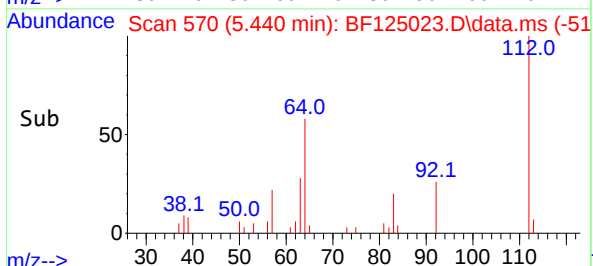
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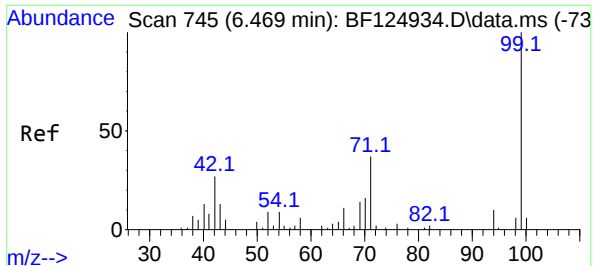


#5
2-Fluorophenol
Concen: 36.423 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59



Tgt Ion:112 Resp: 12567
Ion Ratio Lower Upper
112 100
64 57.8 44.2 66.2
63 28.3 26.2 39.2





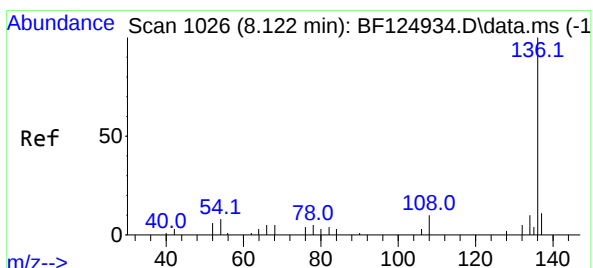
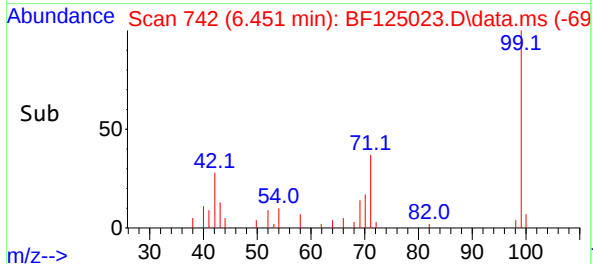
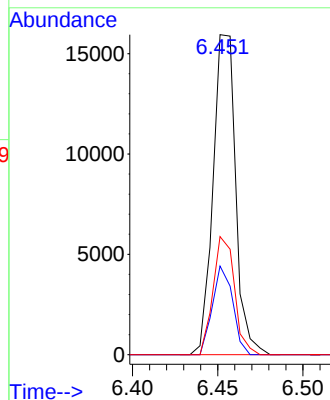
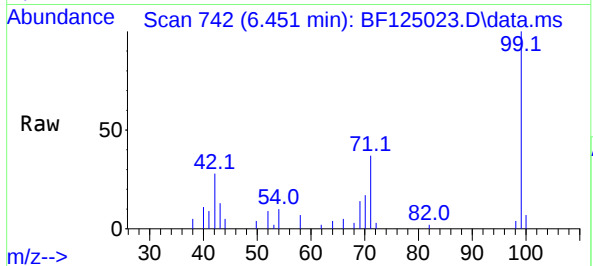
#7
Phenol-d6
Concen: 33.885 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	99	Resp:	14742
Ion	Ratio	Lower	Upper
99	100		
42	27.7	23.5	35.3
71	36.9	25.6	38.4

Instrument :
BNA_F
ClientSampled :
72-11931

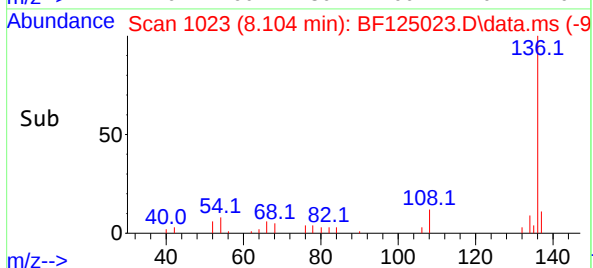
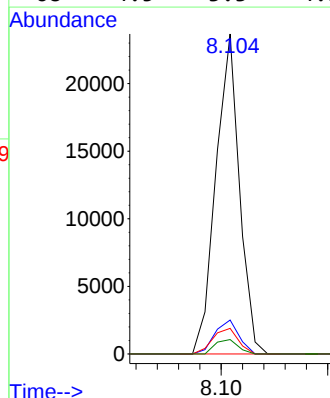
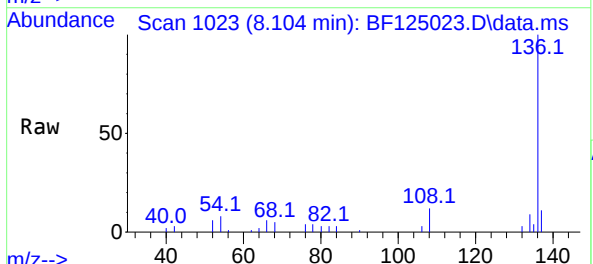
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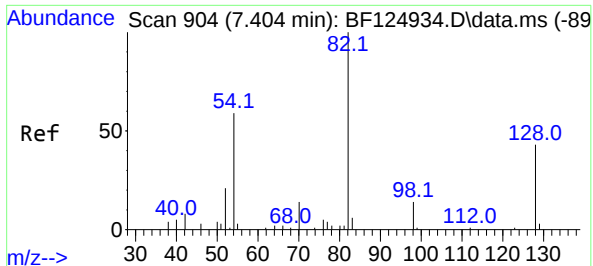
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	136	Resp:	18161
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	8.0	6.4	9.6
68	4.5	3.3	4.9





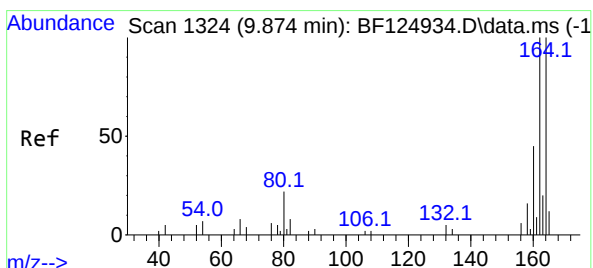
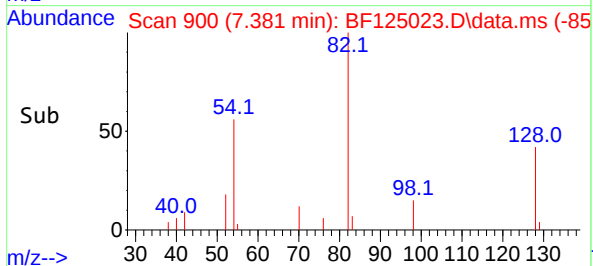
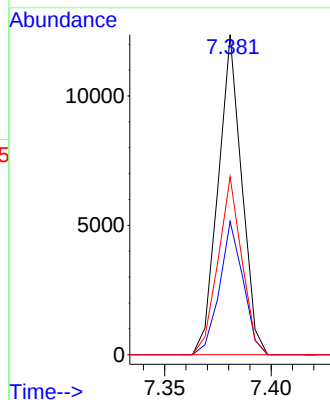
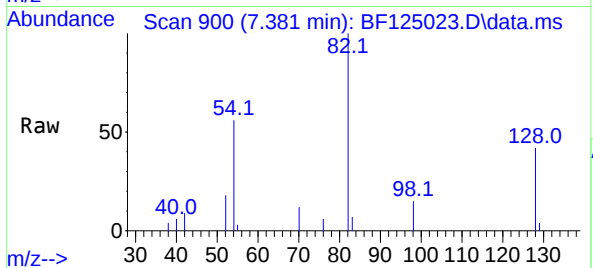
#23
Nitrobenzene-d5
Concen: 27.434 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion: 82	Resp: 9524
Ion Ratio	Lower Upper
82 100	
128 41.6	40.6 60.8
54 55.6	49.6 74.4

Instrument :
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ClientSampled :
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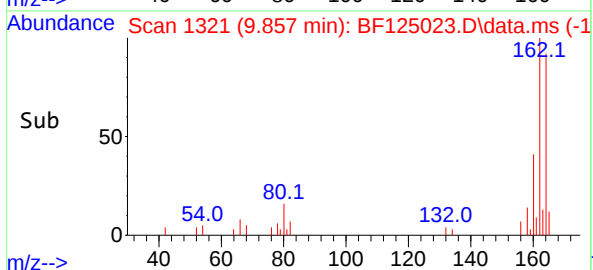
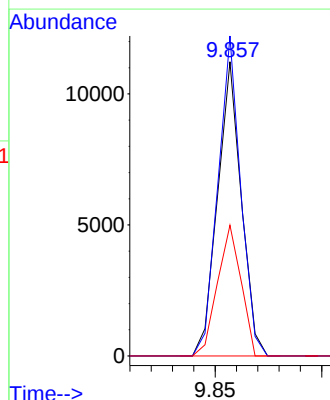
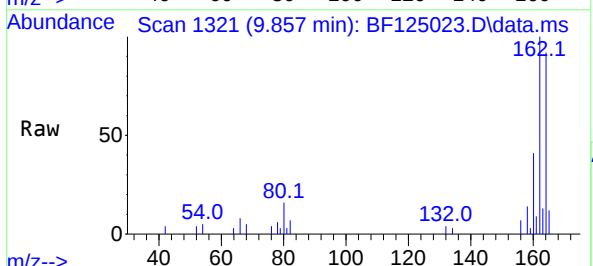
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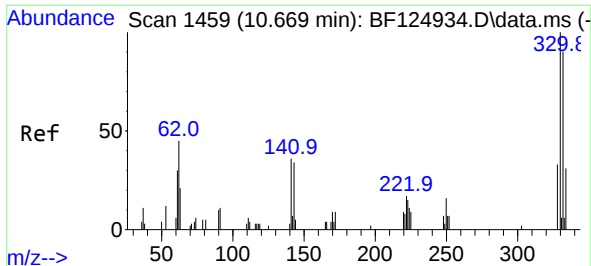
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

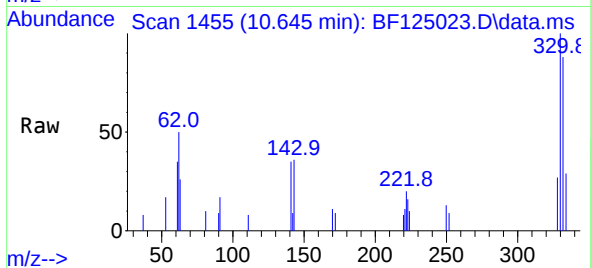
Tgt Ion: 164	Resp: 8700
Ion Ratio	Lower Upper
164 100	
162 108.7	81.3 121.9
160 44.4	38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 36.384 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

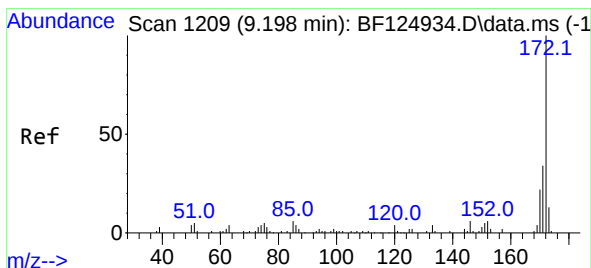
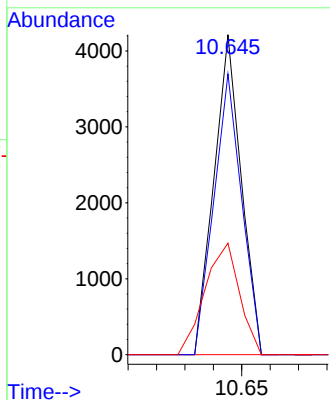
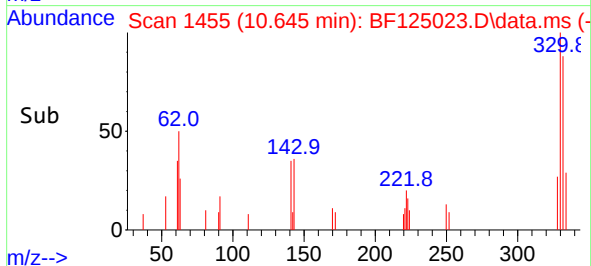
Instrument :
BNA_F
ClientSampled :
72-11931



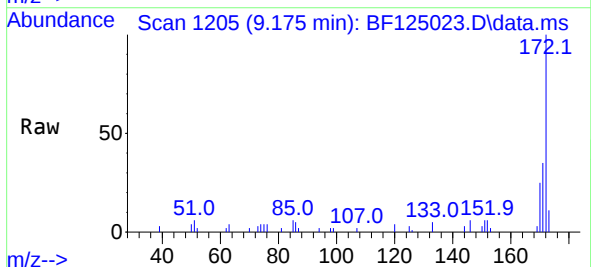
Tgt Ion: 330 Resp: 2828
Ion Ratio Lower Upper
330 100
332 89.0 76.2 114.4
141 44.1 44.6 66.8#

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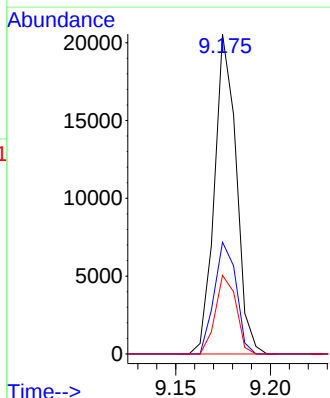
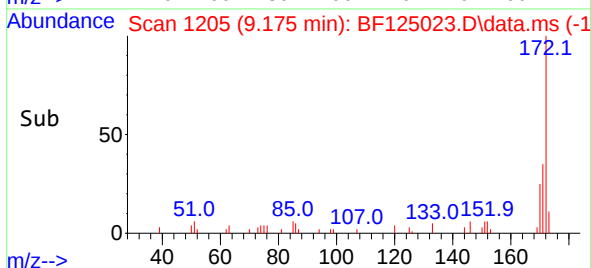
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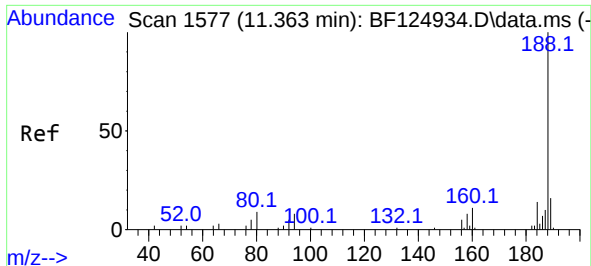


#45
2-Fluorobiphenyl
Concen: 27.706 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59



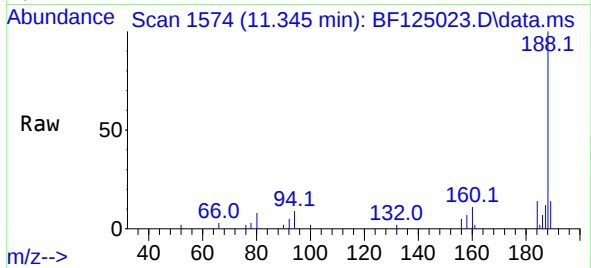
Tgt Ion: 172 Resp: 16473
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

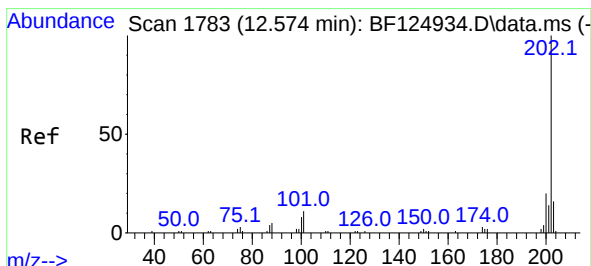
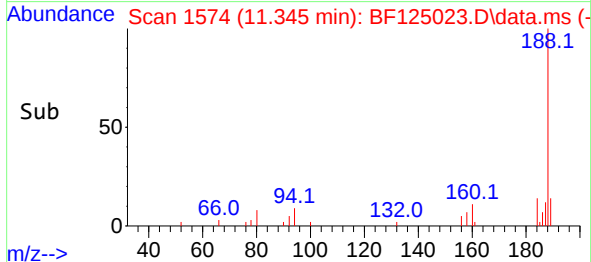
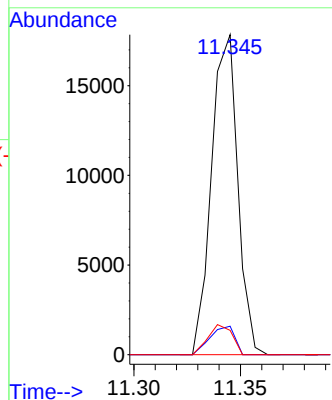
Instrument :
BNA_F
ClientSampleId :
72-11931



Tgt Ion:188 Resp: 15275
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 7.6 7.5 11.3

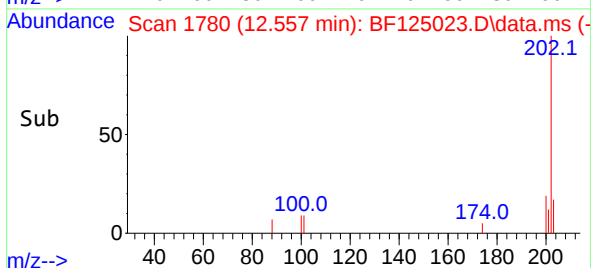
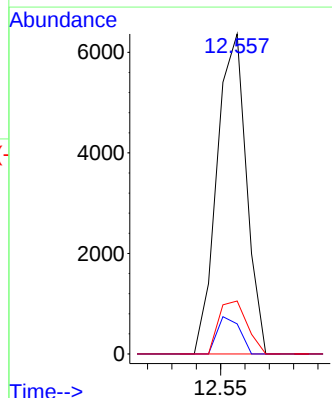
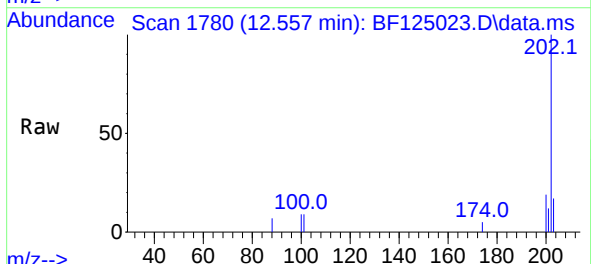
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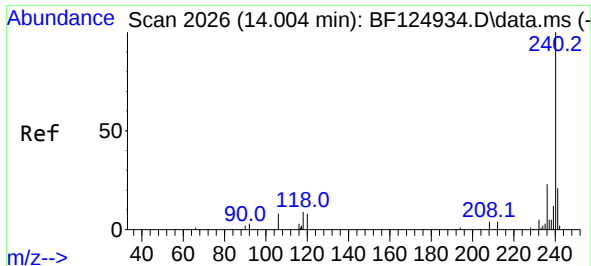
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#75
Fluoranthene
Concen: 6.245 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:202 Resp: 5353
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 16.6 0.0 36.3





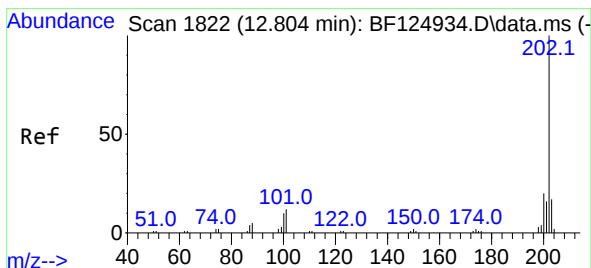
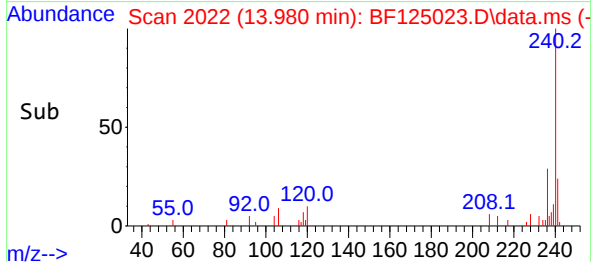
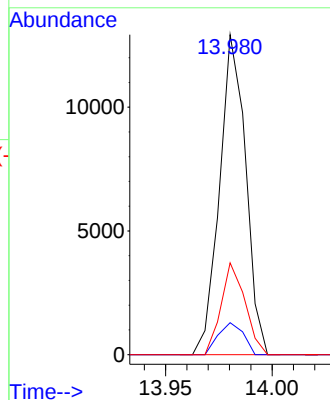
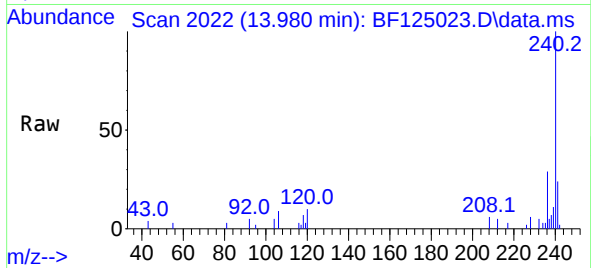
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:240 Resp: 11045
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 28.7 21.6 32.4

Instrument :
BNA_F
ClientSampleId :
72-11931

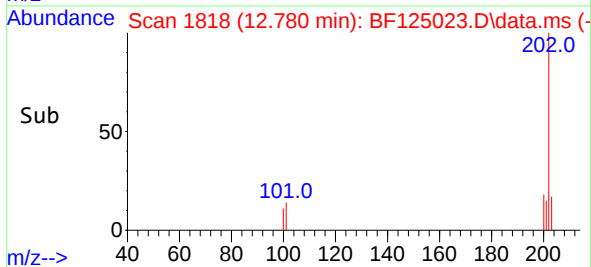
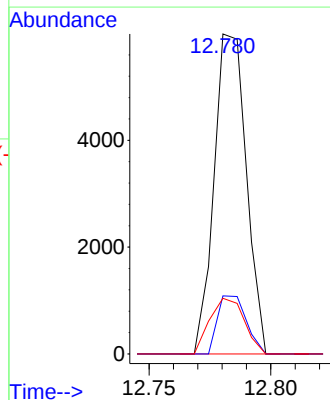
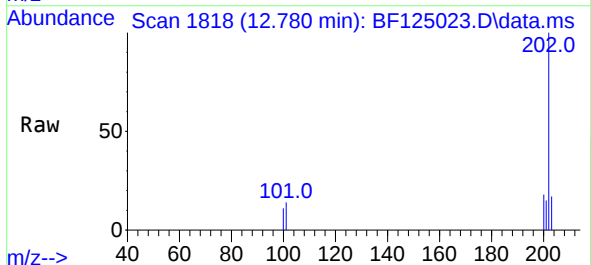
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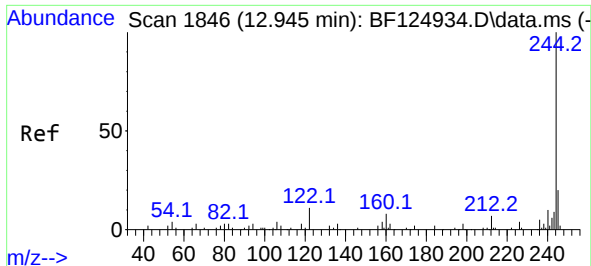
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#78
Pyrene
Concen: 6.331 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

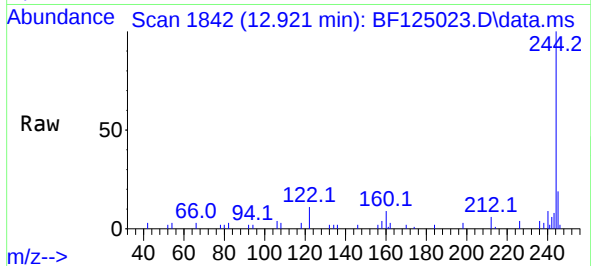
Tgt Ion:202 Resp: 5508
Ion Ratio Lower Upper
202 100
200 18.1 15.3 22.9
203 17.4 13.4 20.0





#79
Terphenyl-d14
Concen: 27.896 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

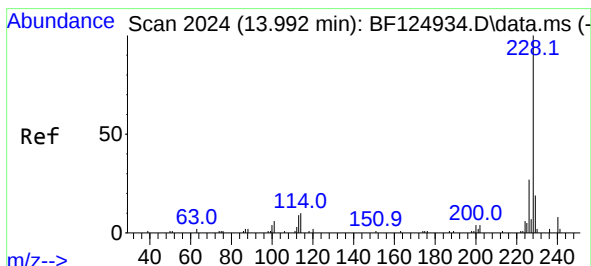
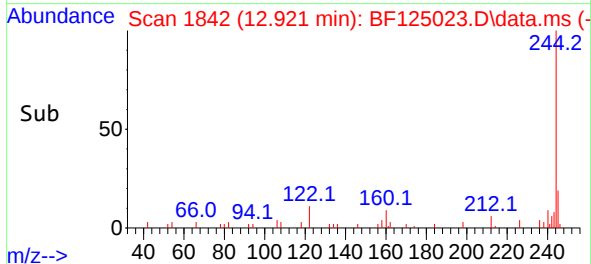
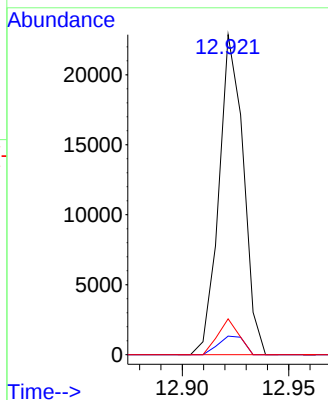
Instrument :
BNA_F
ClientSampled :
72-11931



Tgt Ion:244 Resp: 18266
Ion Ratio Lower Upper
244 100
212 5.8 5.9 8.9#
122 11.2 9.0 13.4

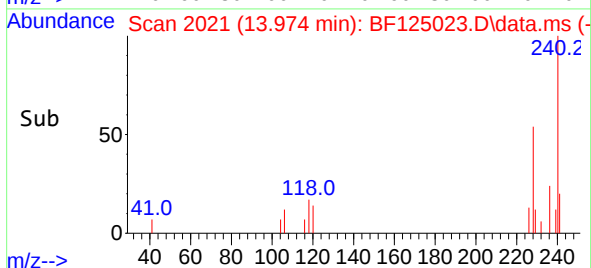
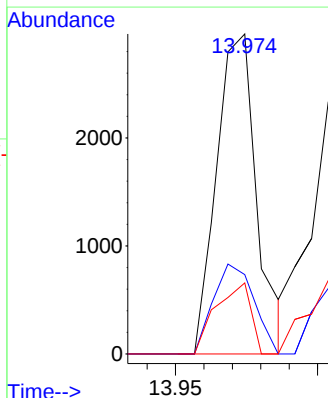
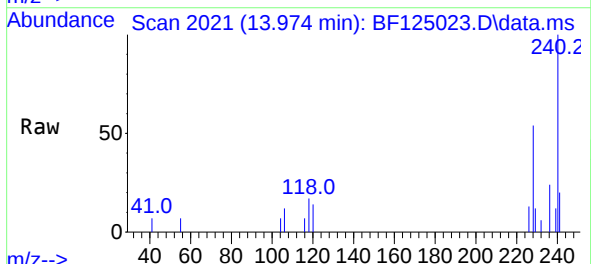
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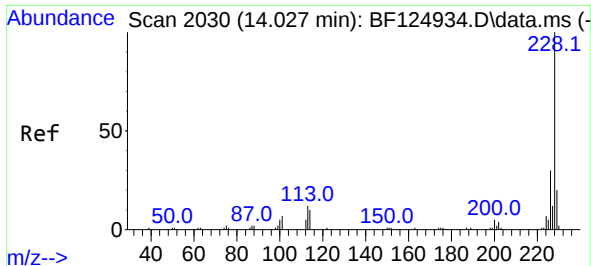
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#81
Benzo(a)anthracene
Concen: 4.053 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:228 Resp: 2917
Ion Ratio Lower Upper
228 100
226 24.8 21.6 32.4
229 22.2 15.6 23.4





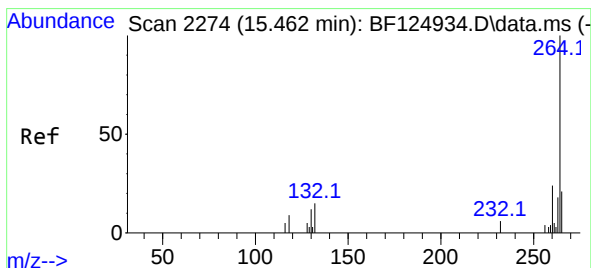
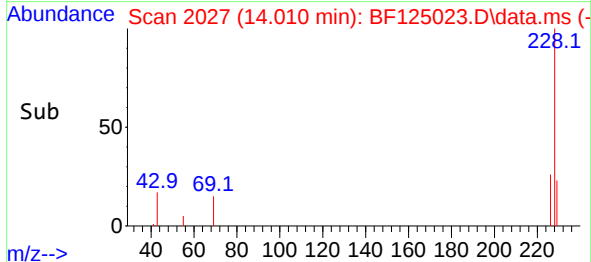
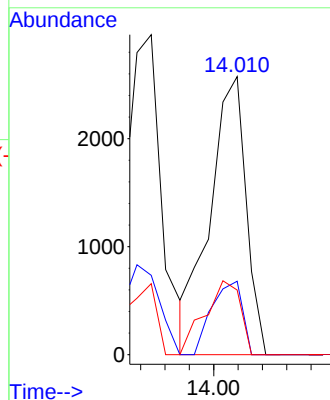
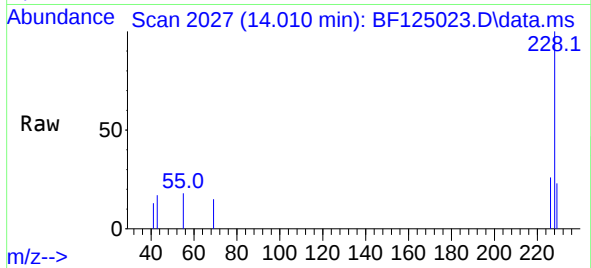
#83
Chrysene
Concen: 3.834 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	228	Resp:	2668
Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	34.0
229	23.2	15.9	23.9

Instrument :
BNA_F
ClientSampled :
72-11931

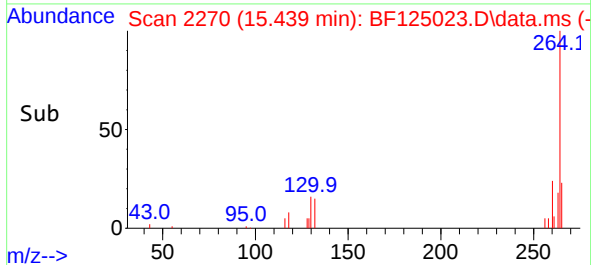
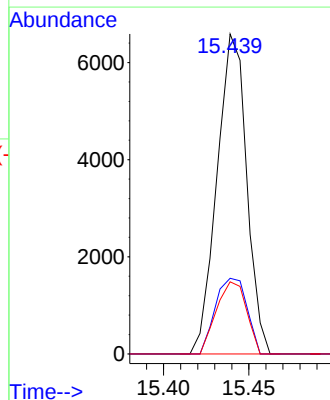
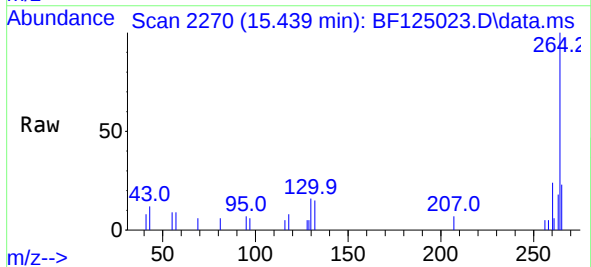
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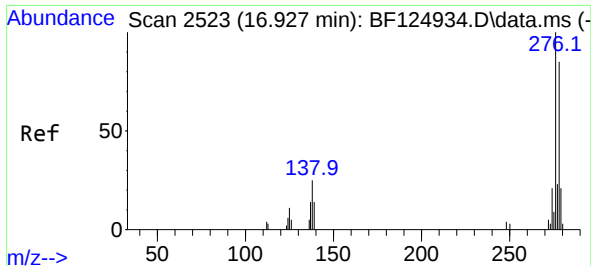
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	264	Resp:	7967
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.6	17.2	25.8





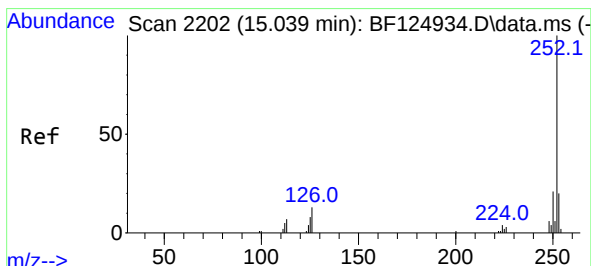
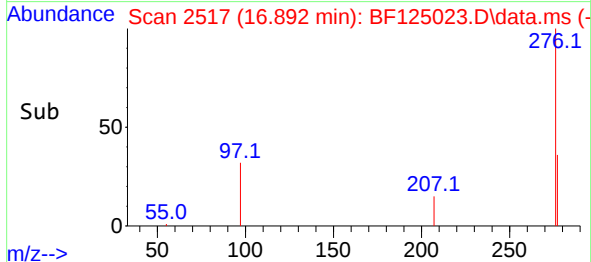
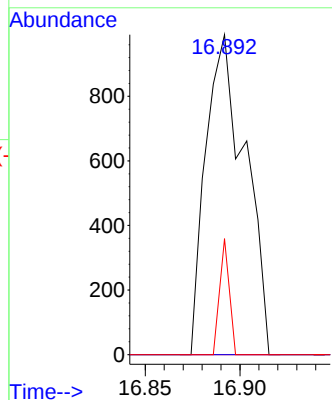
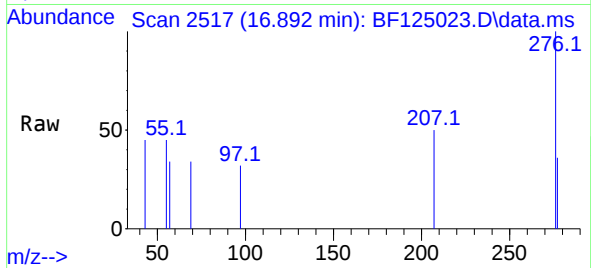
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.020 ng
RT: 16.892 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion: 276 Resp: 1433
Ion Ratio Lower Upper
276 100
138 0.0 24.1 36.1#
277 8.9 18.8 28.2#

Instrument :
BNA_F
ClientSampled :
72-11931

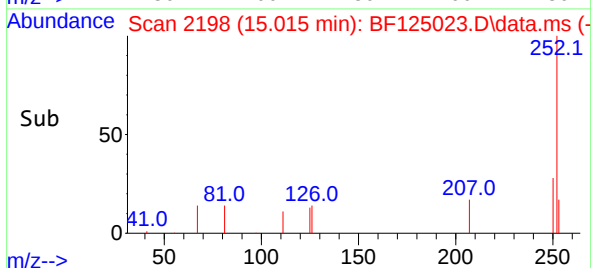
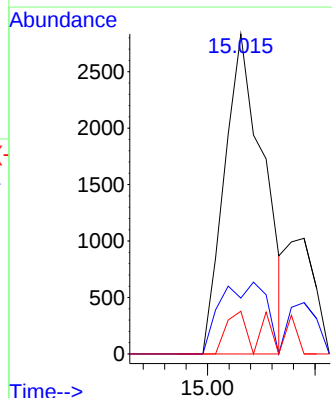
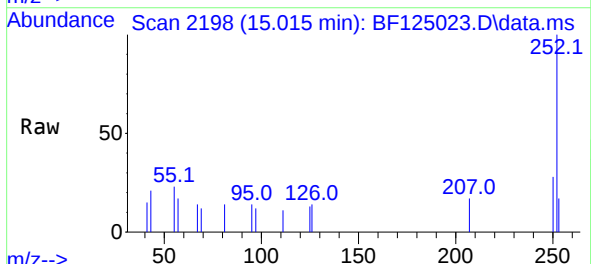
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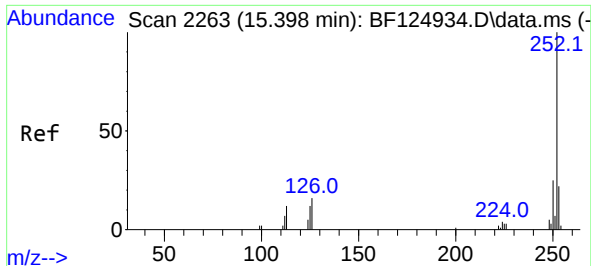
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.412 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion: 252 Resp: 3587
Ion Ratio Lower Upper
252 100
253 17.5 16.8 25.2
125 13.3 9.8 14.8





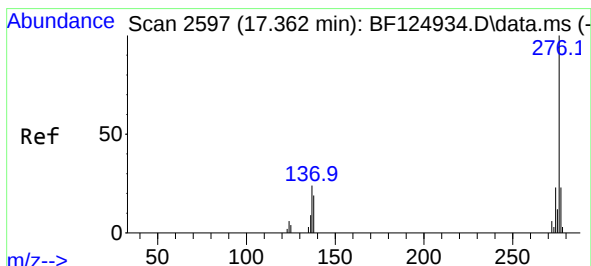
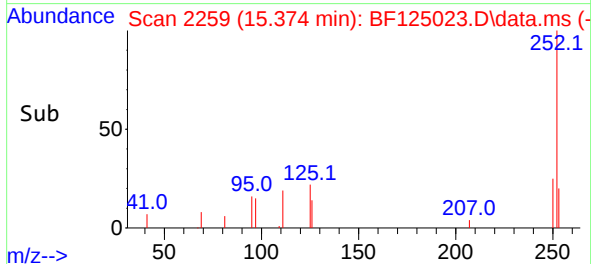
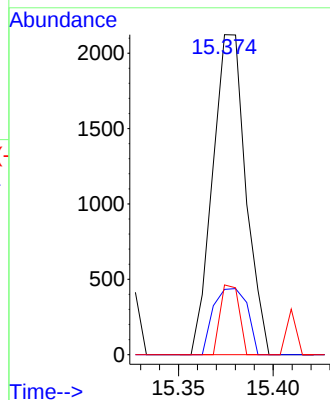
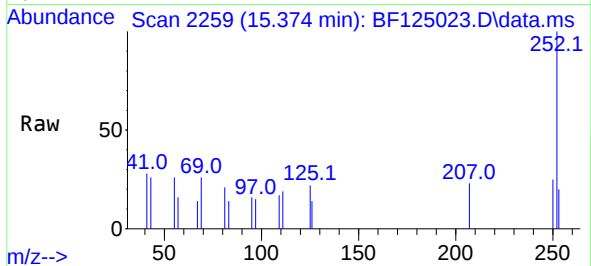
#90
Benzo(a)pyrene
Concen: 5.433 ng
RT: 15.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	252	Resp:	2588
Ion Ratio	Lower	Upper	
252	100		
253	20.4	18.4	27.6
125	21.8	9.9	14.9#

Instrument :
BNA_F
ClientSampled :
72-11931

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.324 ng m
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF125023.D
Acq: 10 Aug 2021 2:59

Tgt Ion:	276	Resp:	1330
Ion Ratio	Lower	Upper	
276	100		
277	0.0	22.0	33.0#
138	0.0	22.2	33.4#

