

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125842.D
 Acq On : 14 Oct 2021 13:52
 Operator : JU/CG
 Sample : M4142-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-330

Manual Integrations
 APPROVED

mohammad
 10/18/2021 8:34:10 AM

Quant Time: Oct 14 15:28:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	189590	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	762286	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	359701	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	409507	20.00	ng	# 0.02
76) Chrysene-d12	13.992	240	389459	20.00	ng	0.00
86) Perylene-d12	15.439	264	441763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	225373	19.42	ng	-0.01
7) Phenol-d6	6.451	99	279677	18.72	ng	-0.01
23) Nitrobenzene-d5	7.386	82	157236	12.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	61045	17.19	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	342909	16.44	ng	0.00
79) Terphenyl-d14	12.945	244	237068	9.27	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	194906	8.90	ng	# 76
75) Fluoranthene	12.580	202	344199	17.41	ng	93
78) Pyrene	12.810	202	368560	9.31	ng	# 94
81) Benzo(a)anthracene	13.980	228	173929m	6.88	ng	
83) Chrysene	14.015	228	310909	12.45	ng	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	120475	3.57	ng	92
88) Benzo(b)fluoranthene	15.015	252	336992m	13.51	ng	
89) Benzo(k)fluoranthene	15.039	252	94839m	3.70	ng	
90) Benzo(a)pyrene	15.374	252	160824	7.28	ng	99
92) Benzo(g,h,i)perylene	17.303	276	113735m	4.00	ng	

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

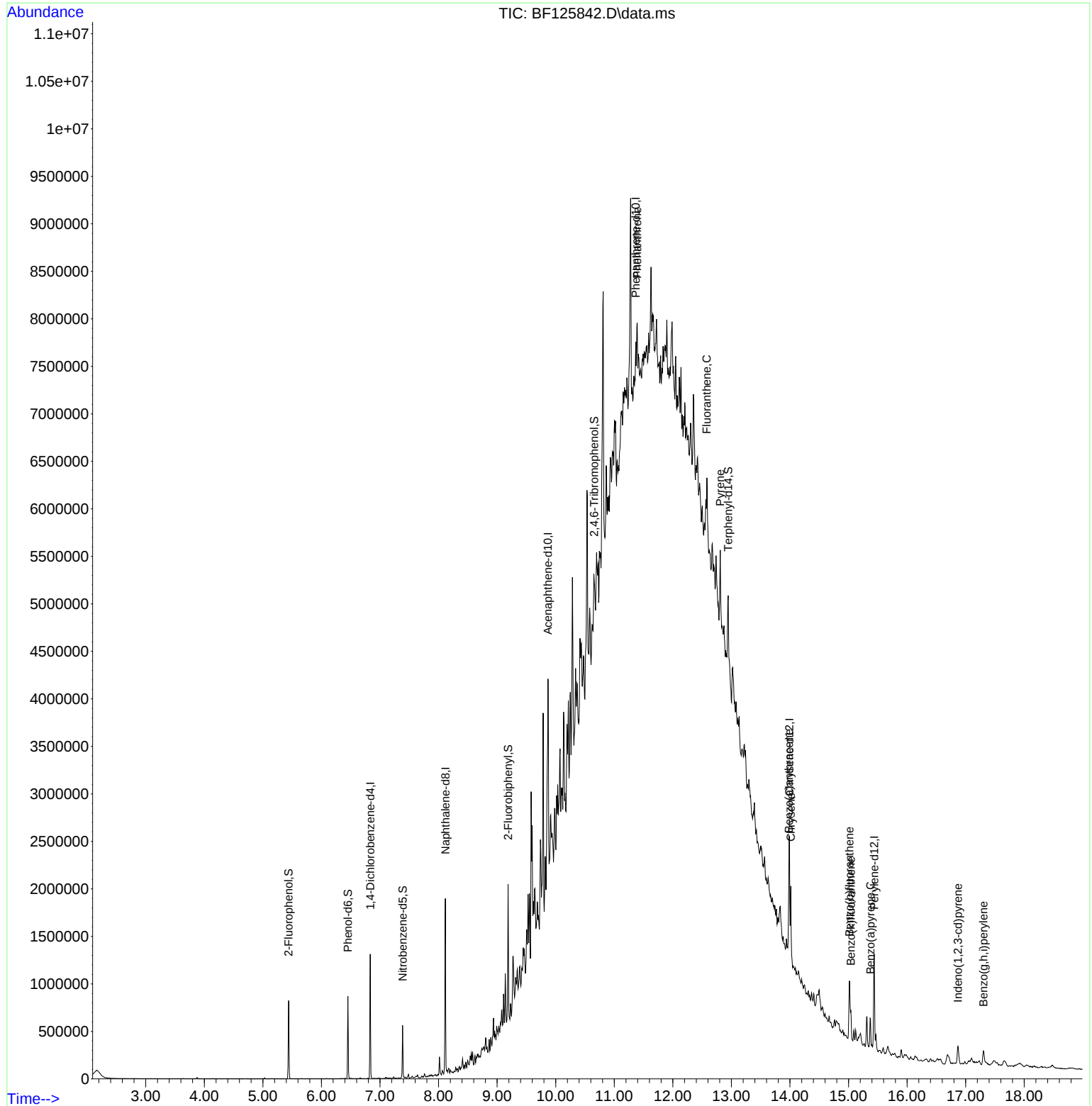
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Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
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Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

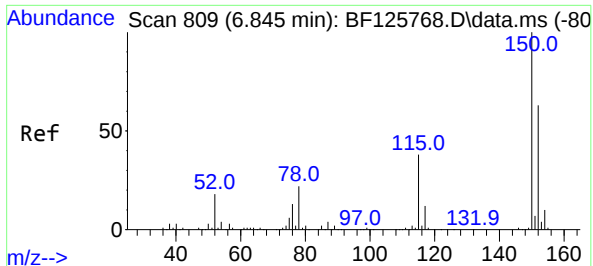
Instrument :
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ClientSampleId :
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Quant Time: Oct 14 15:28:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration





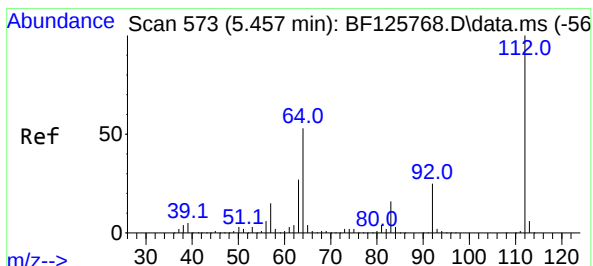
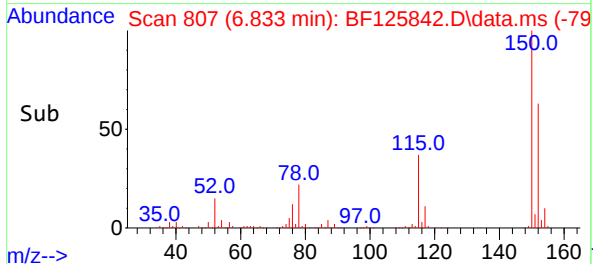
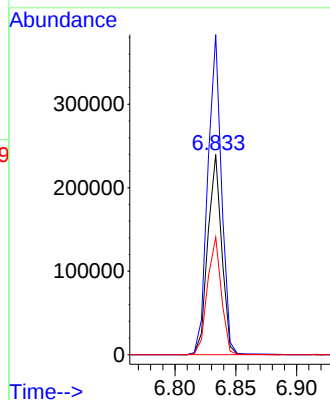
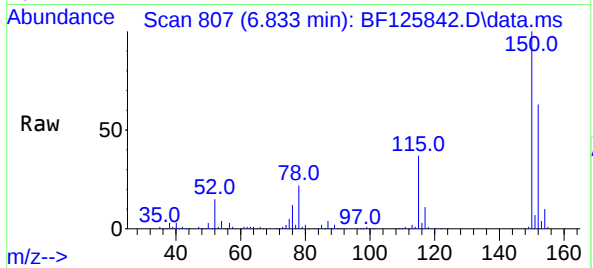
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:152 Resp: 189590
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 58.8 47.1 70.7

Instrument :
BNA_F
ClientSampled :
ETGI-330

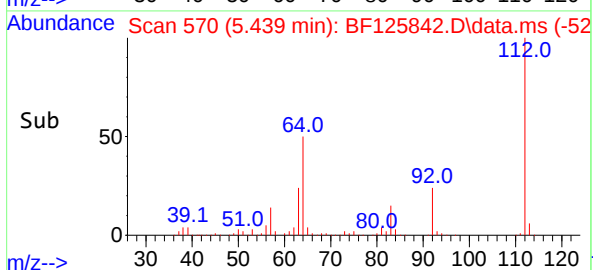
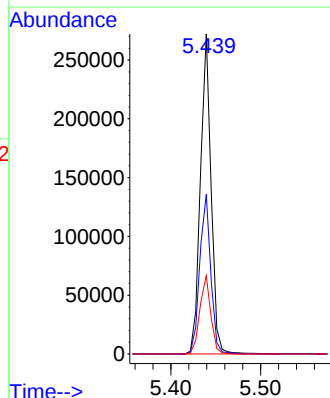
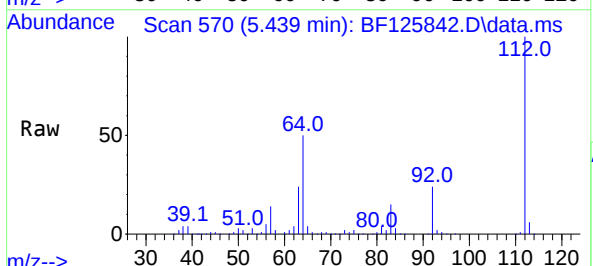
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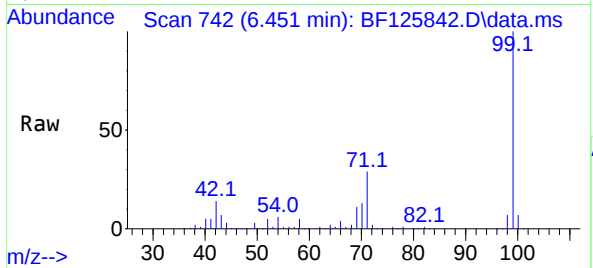
#5
2-Fluorophenol
Concen: 19.42 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:112 Resp: 225373
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 24.4 26.2 39.2#

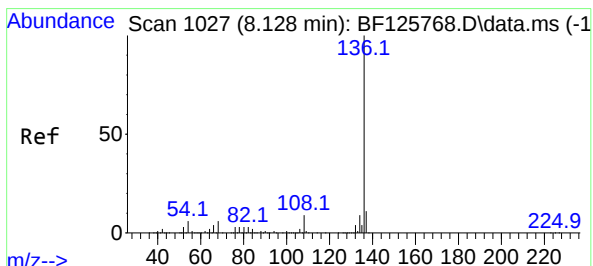
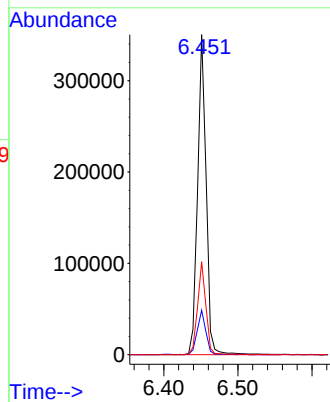
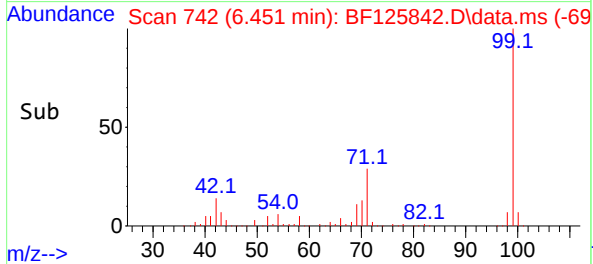




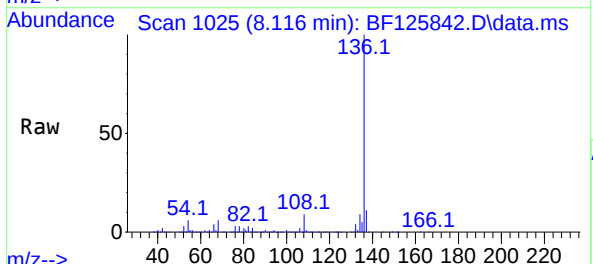
#7
Phenol-d6
Concen: 18.72 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



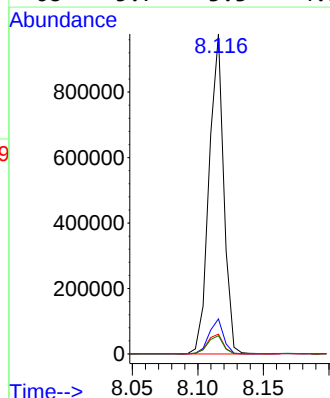
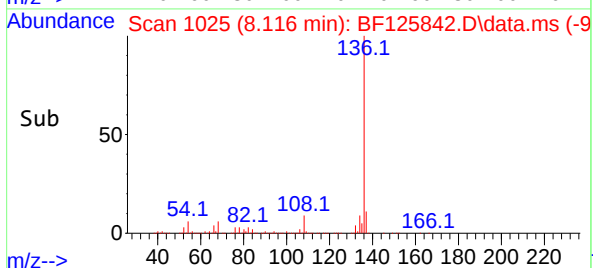
Tgt Ion: 99 Resp: 279677
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



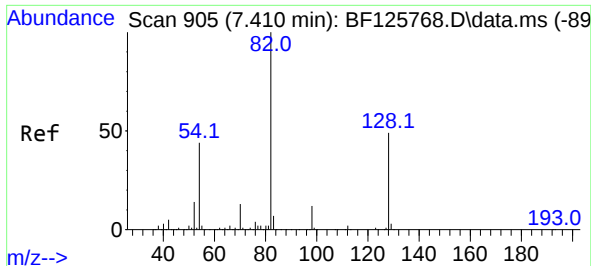
Tgt Ion: 136 Resp: 762286
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.2 6.4 9.6#
68 5.7 3.3 4.9#



Instrument :
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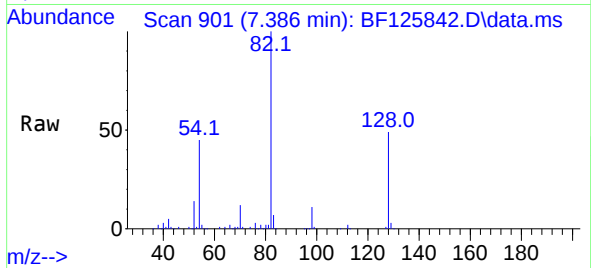
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#23
Nitrobenzene-d5
Concen: 12.82 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

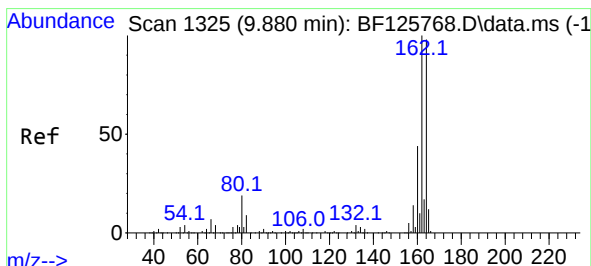
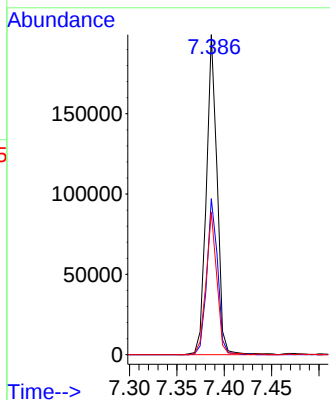
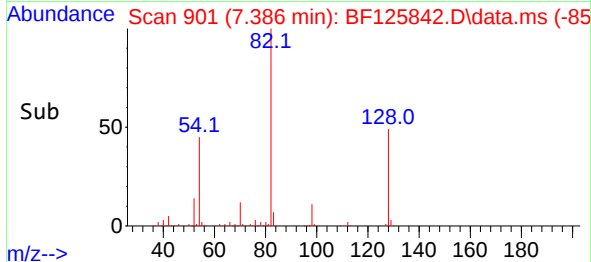
Instrument :
BNA_F
ClientSampled :
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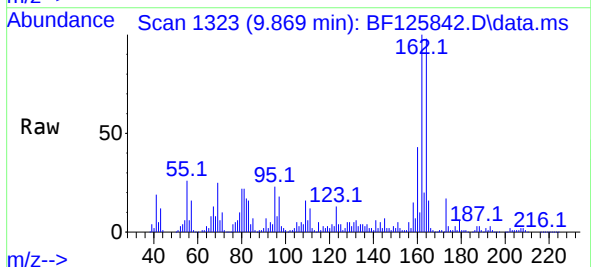
Tgt Ion: 82 Resp: 157236
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 44.6 49.6 74.4#

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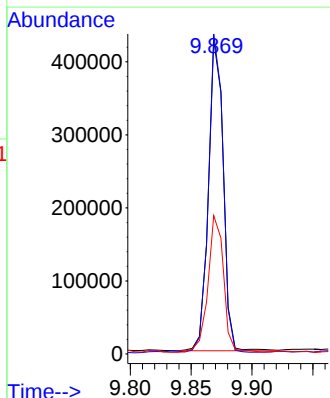
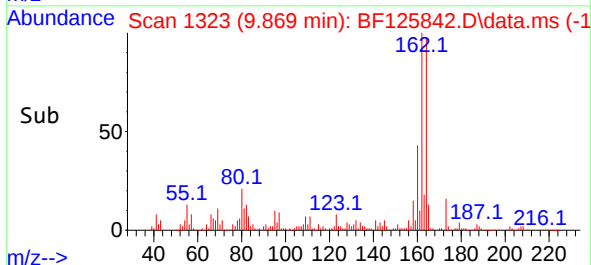
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



Tgt Ion: 164 Resp: 359701
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.1 38.0 57.0





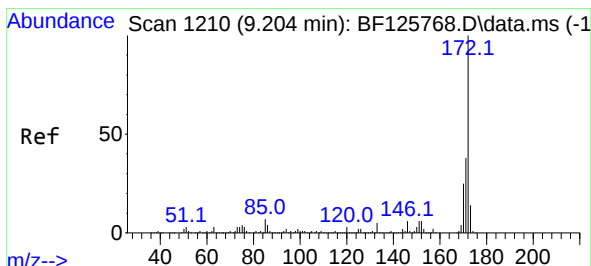
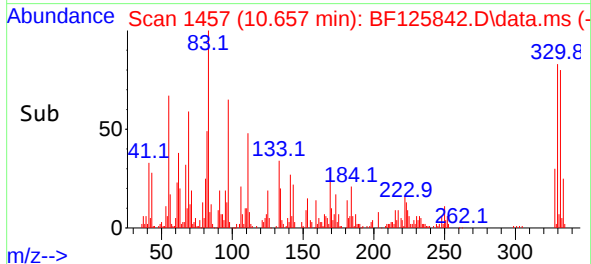
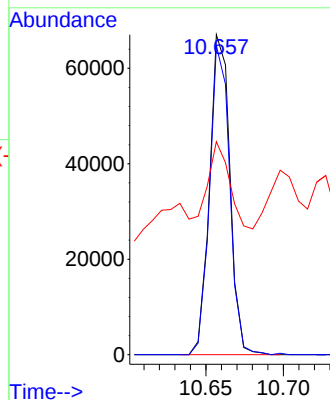
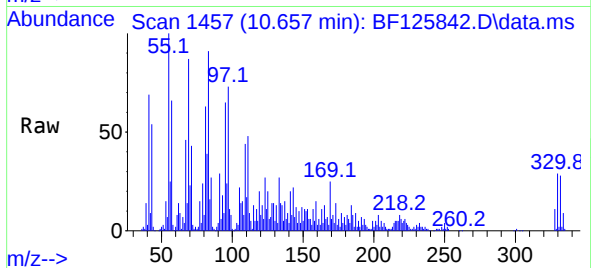
#42
2,4,6-Tribromophenol
Concen: 17.19 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion: 330 Resp: 61045
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 28.8 44.6 66.8#

Instrument :
BNA_F
ClientSampled :
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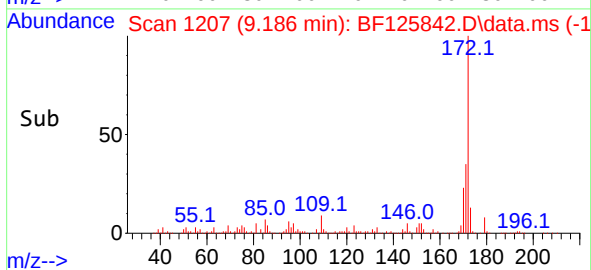
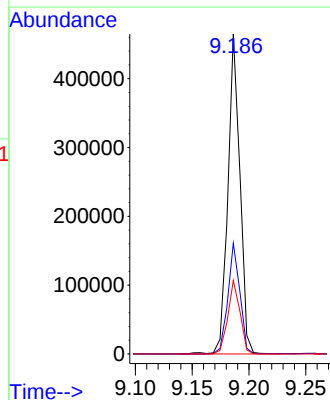
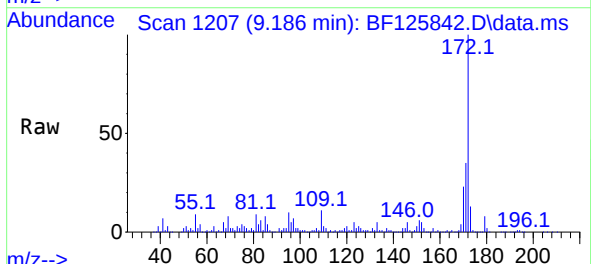
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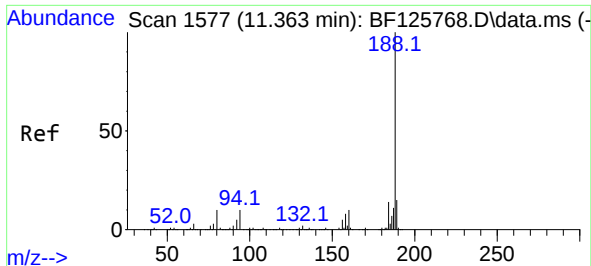
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#45
2-Fluorobiphenyl
Concen: 16.44 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion: 172 Resp: 342909
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.0 18.8 28.2





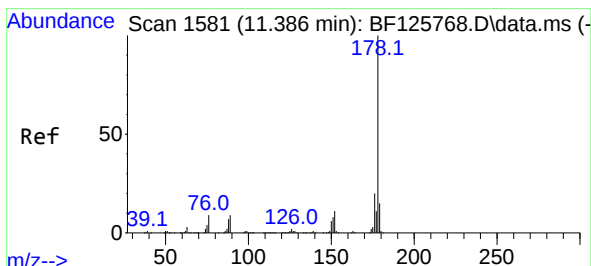
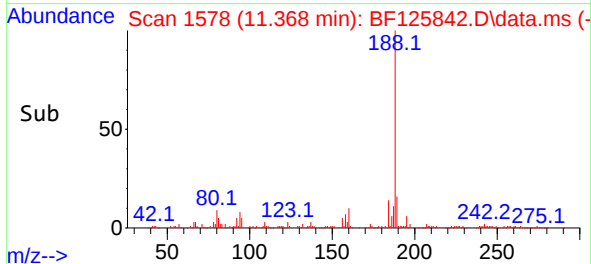
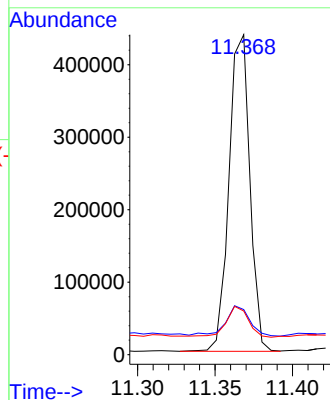
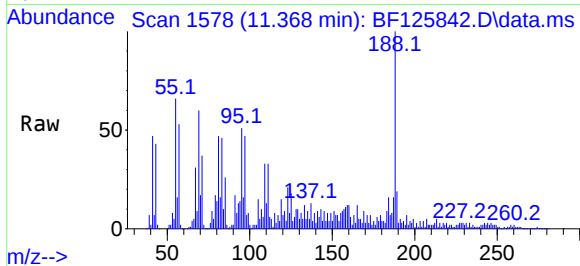
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:188 Resp: 409507
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 13.6 7.5 11.3#

Instrument :
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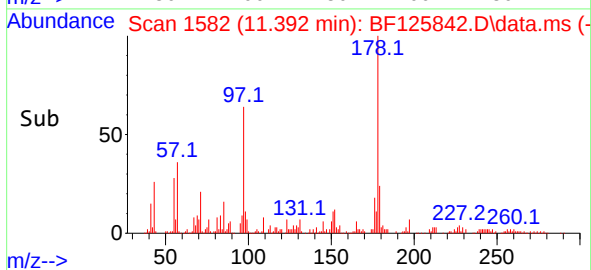
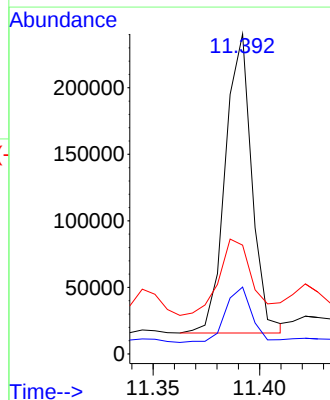
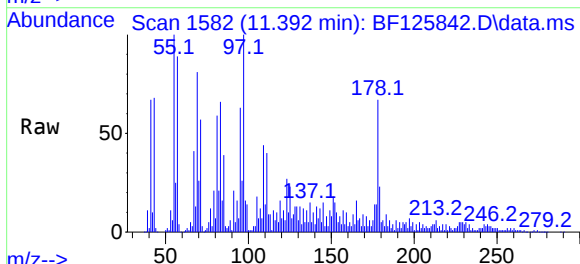
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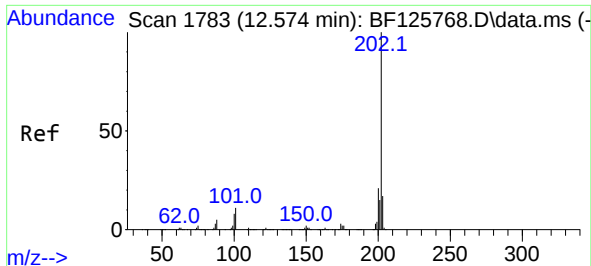
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#71
Phenanthrene
Concen: 8.90 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

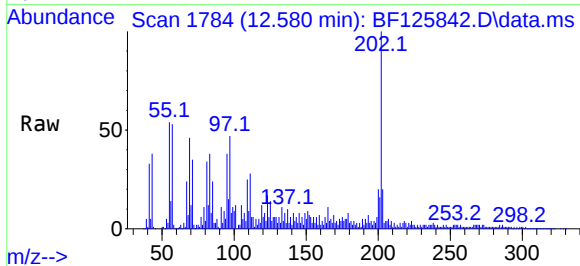
Tgt Ion:178 Resp: 194906
Ion Ratio Lower Upper
178 100
176 20.9 14.7 22.1
179 34.0 11.5 17.3#





#75
Fluoranthene
Concen: 17.41 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

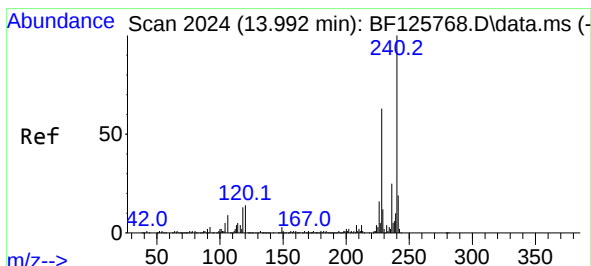
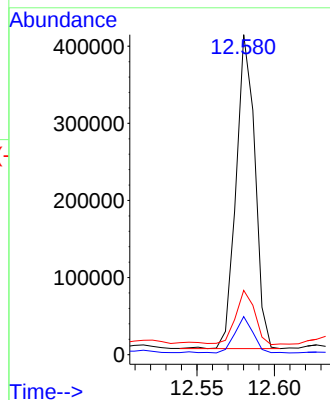
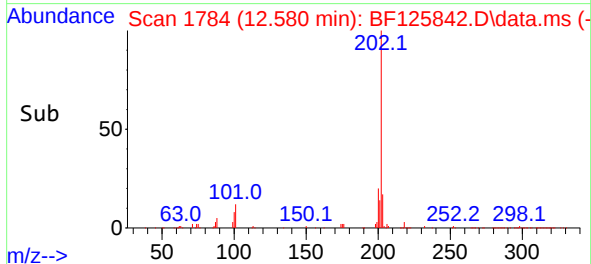
Instrument :
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ETGI-330



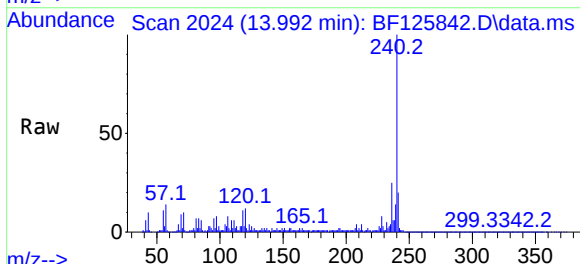
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Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 20.1 0.0 36.3

Manual Integrations
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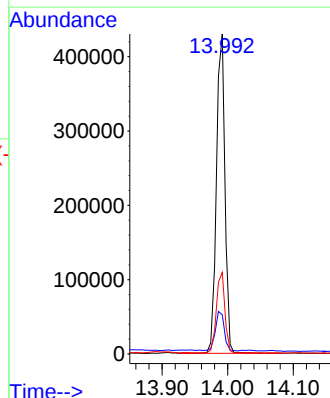
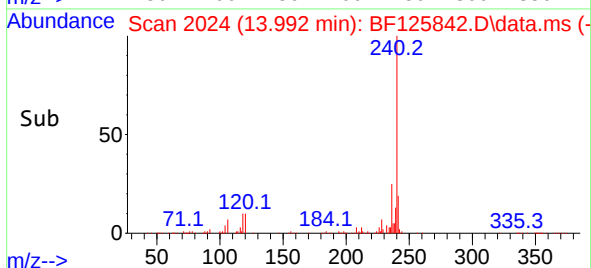
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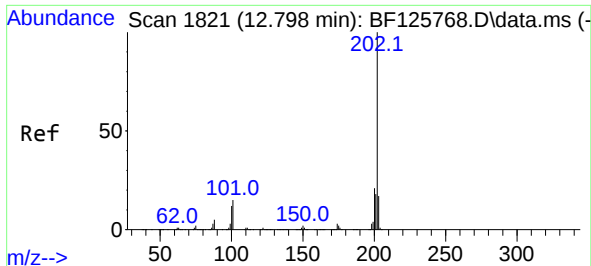


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



Tgt Ion:240 Resp: 389459
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.5 21.6 32.4





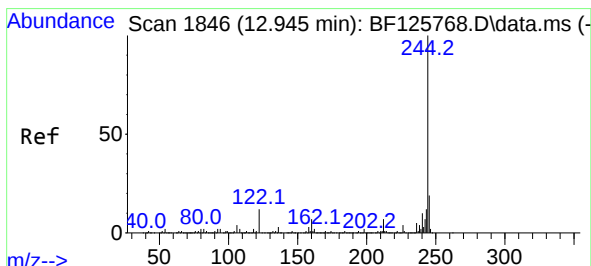
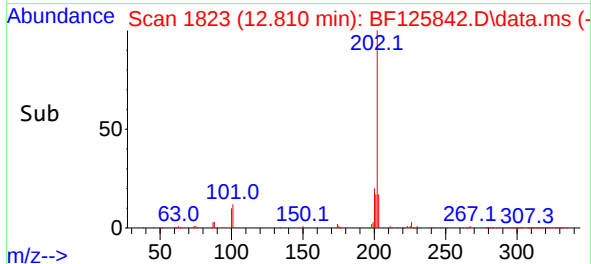
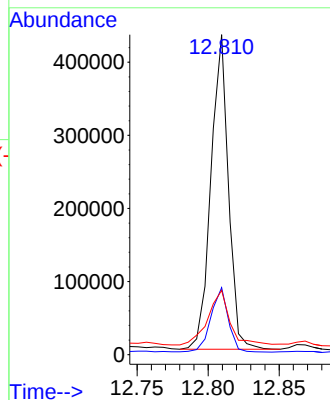
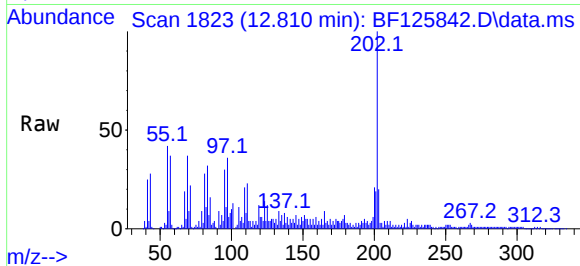
#78
Pyrene
Concen: 9.31 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.017 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:202 Resp: 368560
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 20.1 13.4 20.0#

Instrument :
BNA_F
ClientSampleId :
ETGI-330

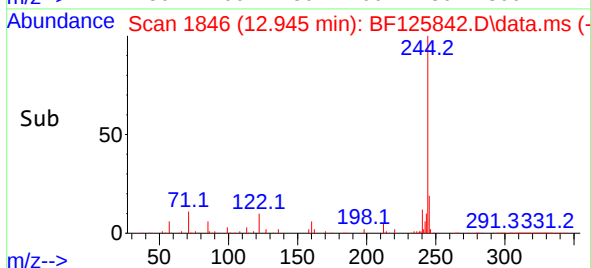
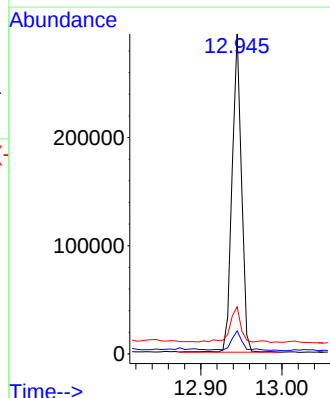
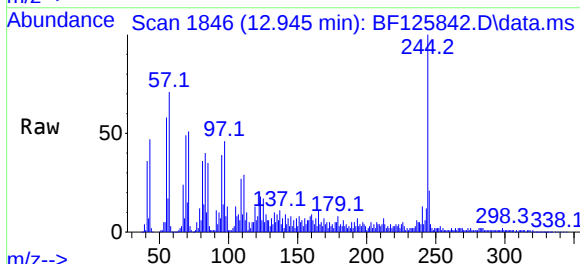
Manual Integrations
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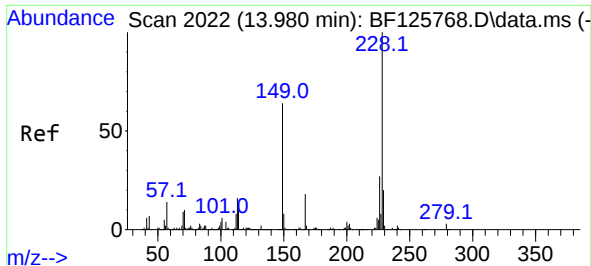
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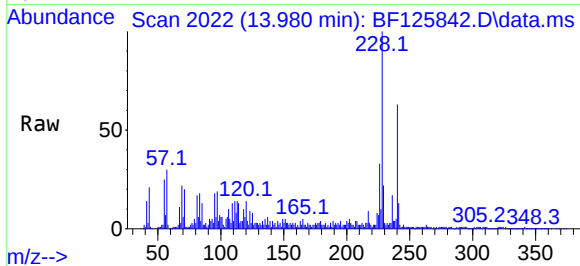
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Terphenyl-d14
Concen: 9.27 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.012 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion:244 Resp: 237068
Ion Ratio Lower Upper
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212 7.2 5.9 8.9
122 14.8 9.0 13.4#

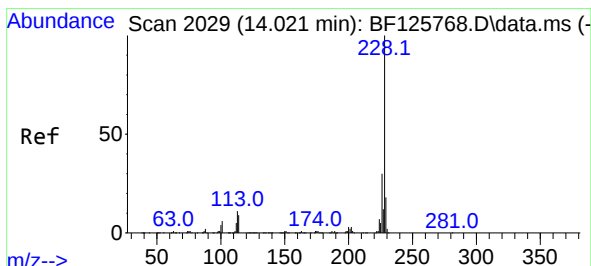
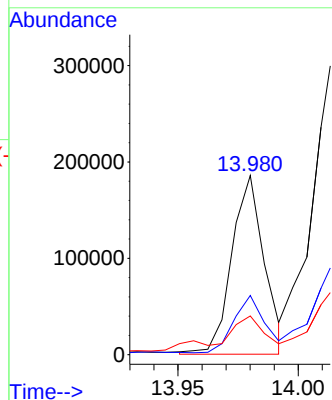
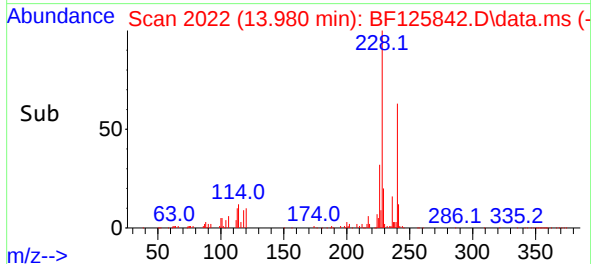




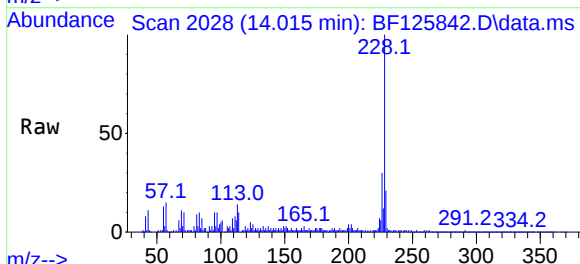
#81
Benzo(a)anthracene
Concen: 6.88 ng m
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



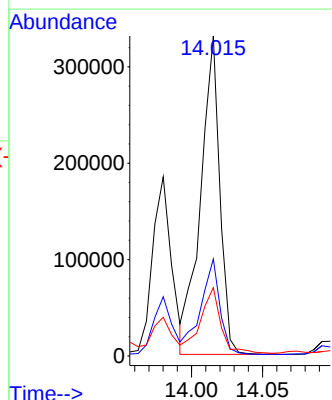
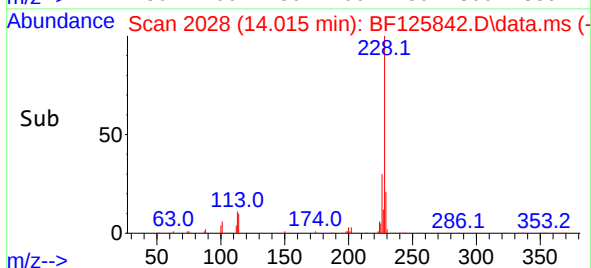
Tgt Ion:228 Resp: 173929
Ion Ratio Lower Upper
228 100
226 33.0 21.6 32.4#
229 21.6 15.6 23.4



#83
Chrysene
Concen: 12.45 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



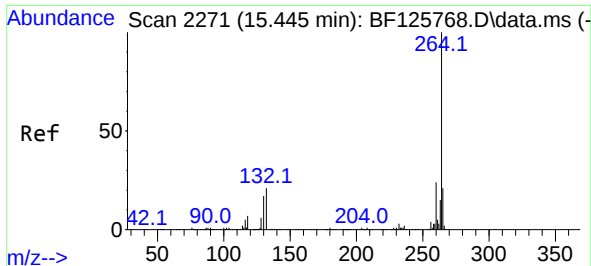
Tgt Ion:228 Resp: 310909
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 21.3 15.9 23.9



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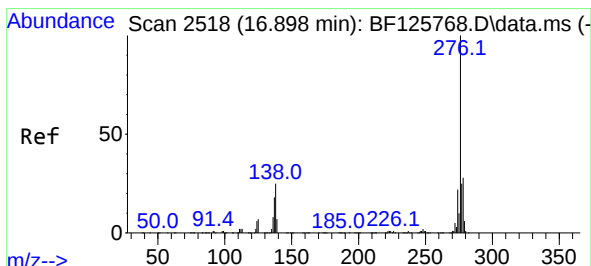
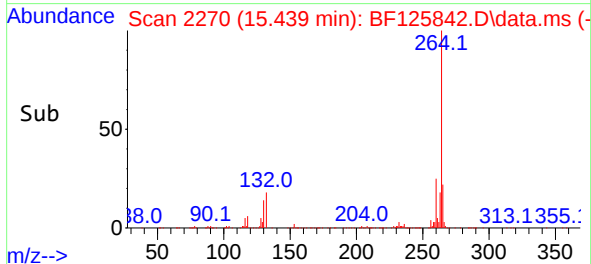
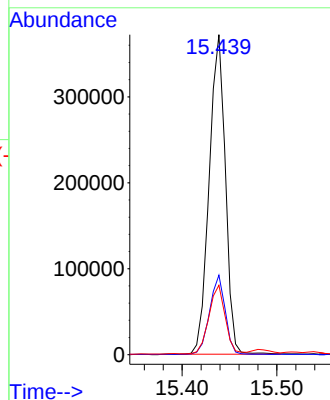
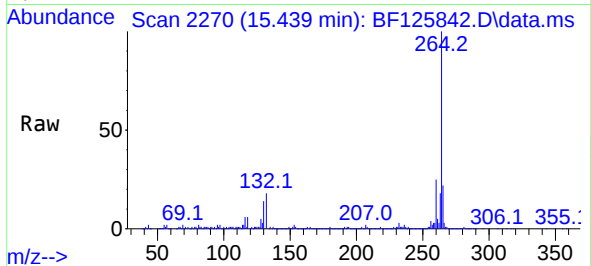
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion: 264 Resp: 441763
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.7 17.2 25.8

Instrument :
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ClientSampleId :
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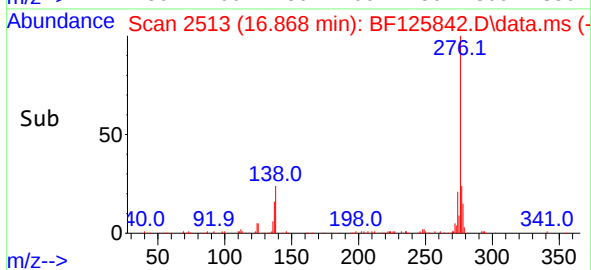
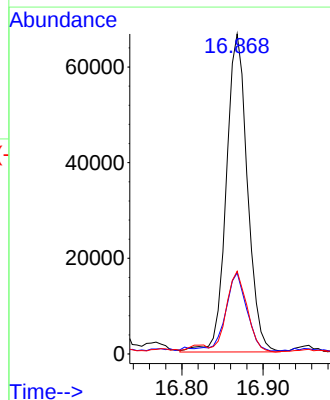
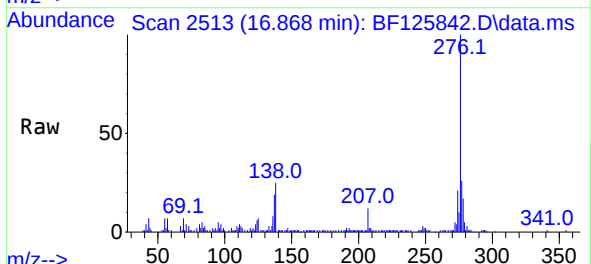
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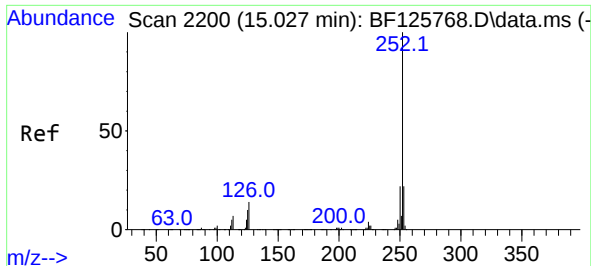
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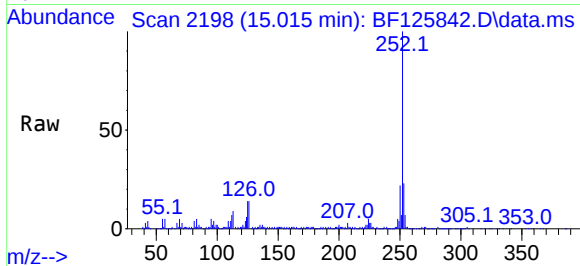
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.57 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52

Tgt Ion: 276 Resp: 120475
Ion Ratio Lower Upper
276 100
138 24.7 24.1 36.1
277 25.6 18.8 28.2

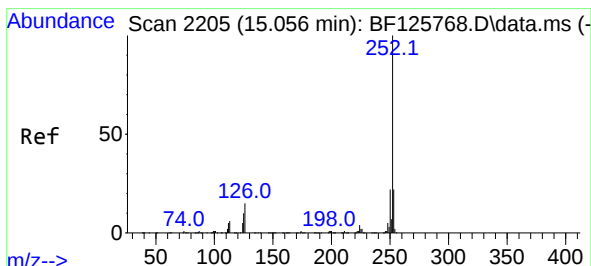
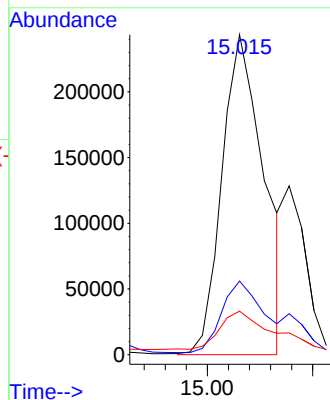
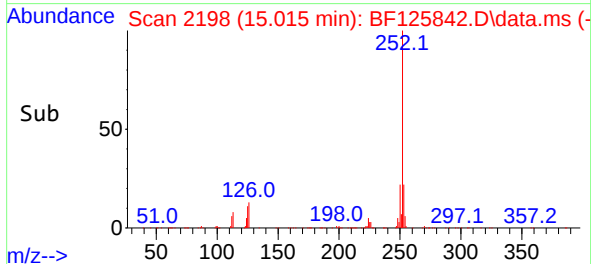




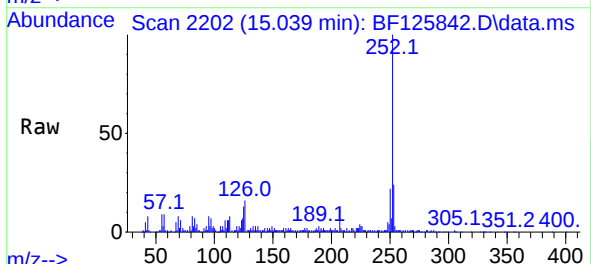
#88
Benzo(b)fluoranthene
Concen: 13.51 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



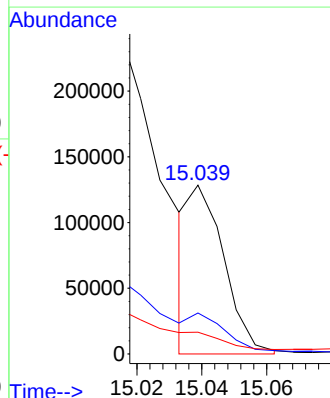
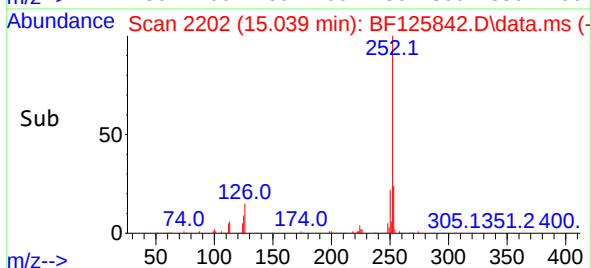
Tgt Ion:252 Resp: 336992
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 13.6 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 3.70 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



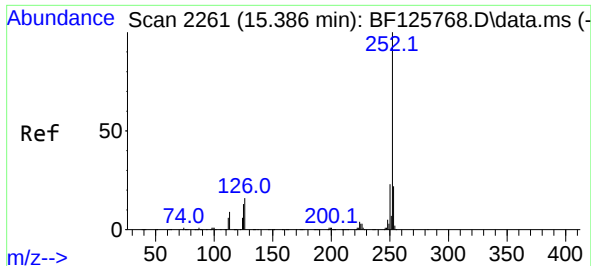
Tgt Ion:252 Resp: 94839
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 12.9 7.2 10.8#



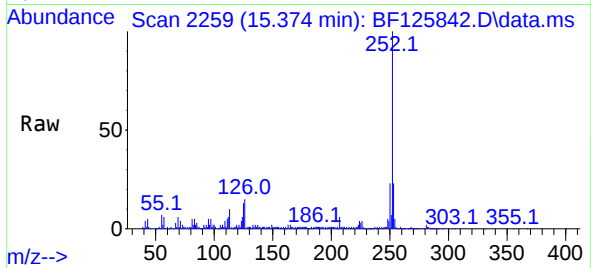
Instrument :
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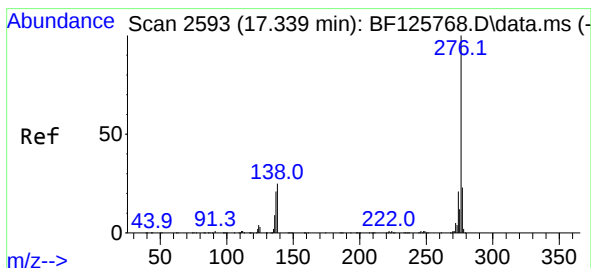
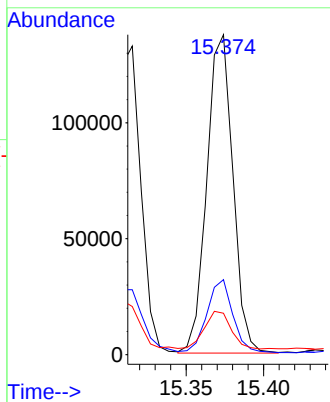
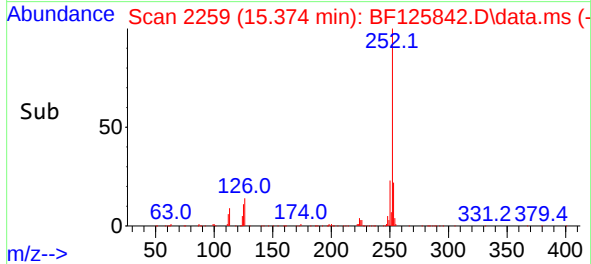
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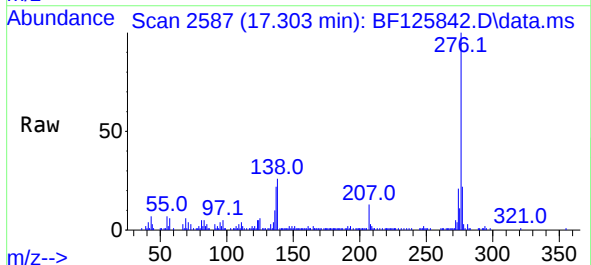
#90
Benzo(a)pyrene
Concen: 7.28 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



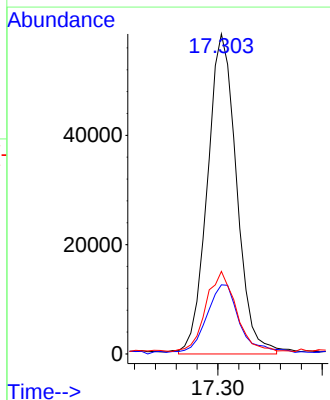
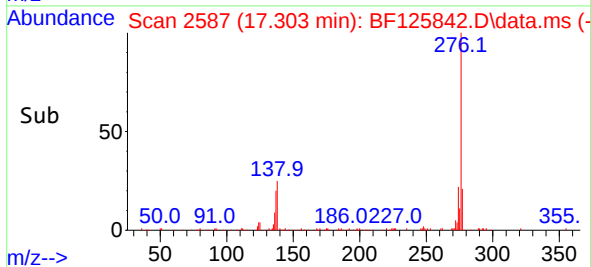
Tgt Ion: 252 Resp: 160824
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 13.0 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 4.00 ng m
RT: 17.303 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF125842.D
Acq: 14 Oct 2021 13:52



Tgt Ion: 276 Resp: 113735
Ion Ratio Lower Upper
276 100
277 21.6 22.0 33.0#
138 25.8 22.2 33.4



Instrument :
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