

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125908.D
 Acq On : 19 Oct 2021 19:31
 Operator : JU/CG
 Sample : M4248-03DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002DL

Manual Integrations
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Quant Time: Oct 20 09:29:35 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	162258	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	620440	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	189514	20.00	ng	0.01
64) Phenanthrene-d10	11.410	188	120315	20.00	ng	# 0.07
76) Chrysene-d12	14.004	240	288524	20.00	ng	0.03
86) Perylene-d12	15.439	264	264757	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	396369	39.91	ng	-0.01
7) Phenol-d6	6.445	99	486215	38.03	ng	-0.01
23) Nitrobenzene-d5	7.381	82	273521	27.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	66155	35.36	ng	0.04
45) 2-Fluorobiphenyl	9.181	172	481097	43.79	ng	0.00
79) Terphenyl-d14	12.980	244	265705	14.03	ng	0.06
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.816	142	62351	3.21	ng	100
38) 1-Methylnaphthalene	8.916	142	46600	2.47	ng	98
49) Acenaphthylene	9.739	152	59076	3.57	ng	# 1
55) Dibenzofuran	10.075	168	49936	3.22	ng	# 1
58) Fluorene	10.428	166	102324	9.01	ng	# 38
71) Phenanthrene	11.439	178	363764	56.51	ng	# 54
72) Anthracene	11.539	178	72260	11.24	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.974	149	285696	27.95	ng	# 93
88) Benzo(b)fluoranthene	15.015	252	34684m	2.32	ng	
90) Benzo(a)pyrene	15.374	252	31688	2.39	ng	# 69

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

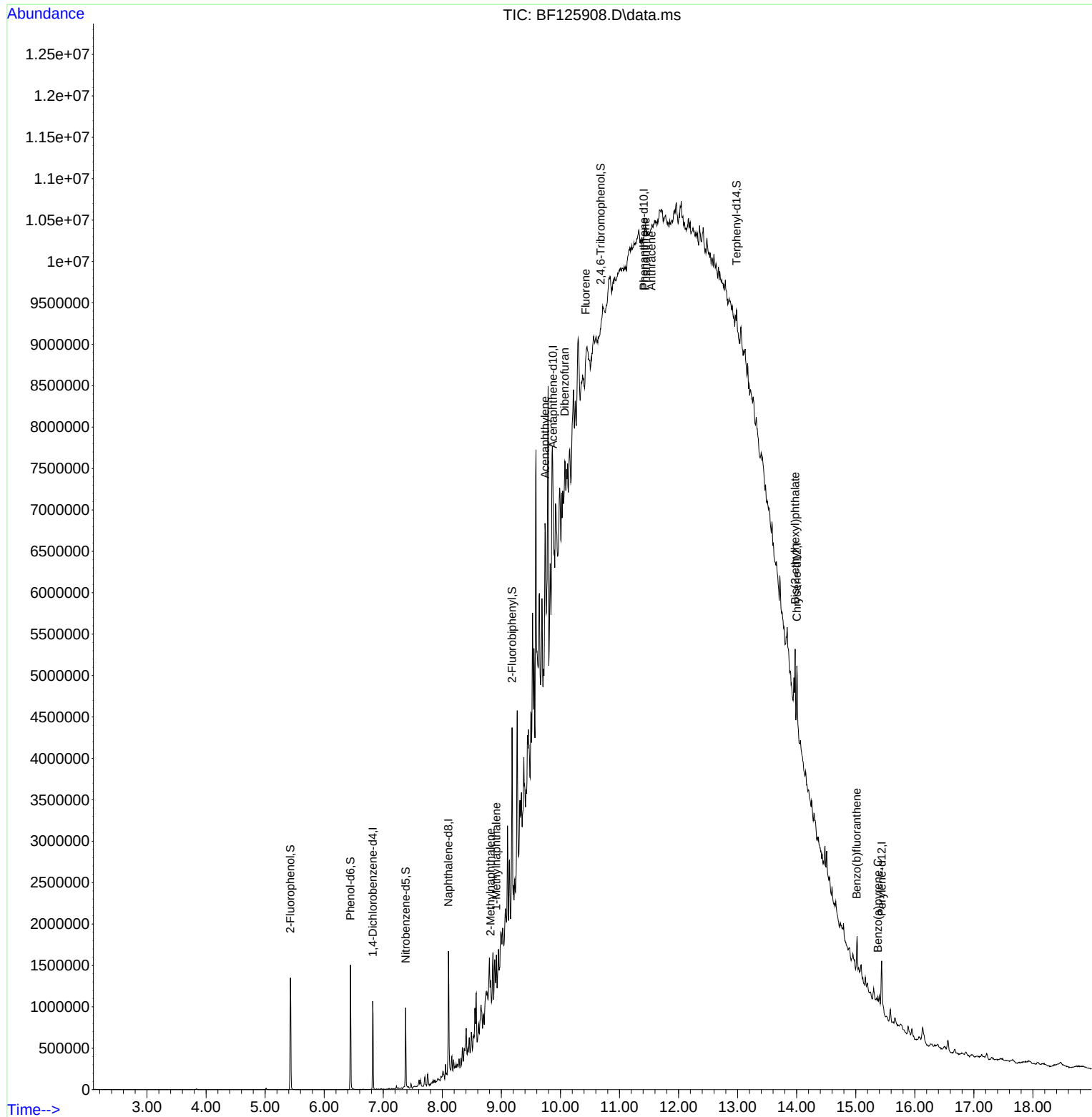
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125908.D
Acq On : 19 Oct 2021 19:31
Operator : JU/CG
Sample : M4248-03DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

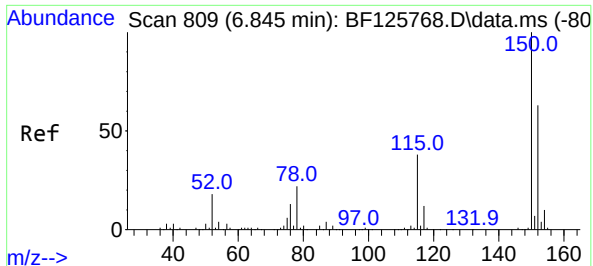
Instrument :
BNA_F
ClientSampleID :
72-12002DL

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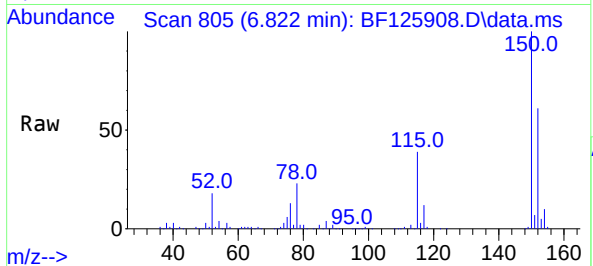
Quant Time: Oct 20 09:29:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration



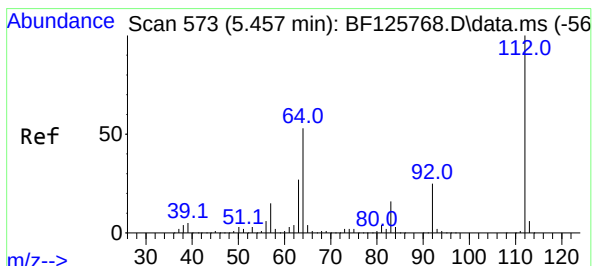
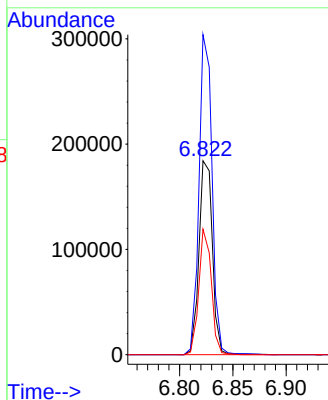
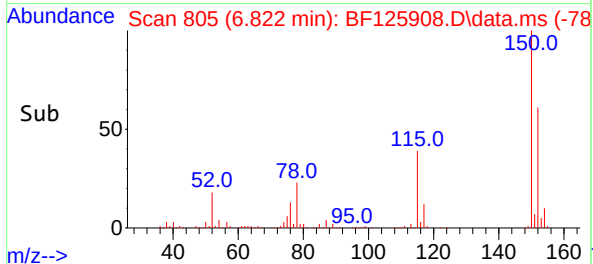


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

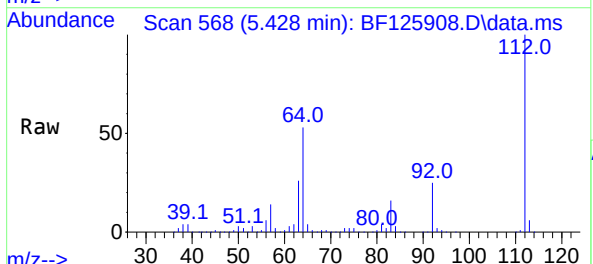
Instrument :
BNA_F
ClientSampled :
72-12002DL



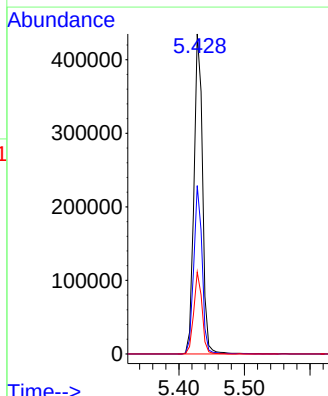
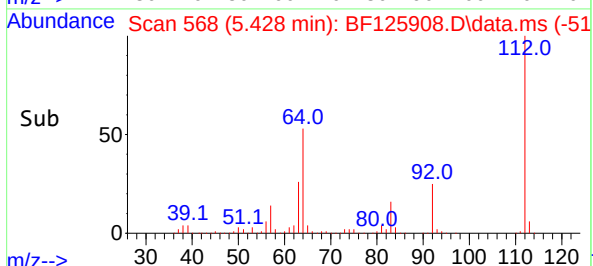
Tgt Ion:152 Resp: 162258
Ion Ratio Lower Upper
152 100
150 165.0 117.6 176.4
115 64.7 47.1 70.7



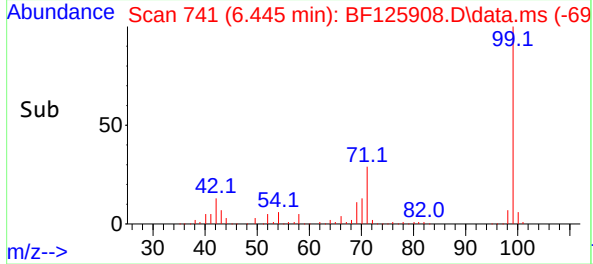
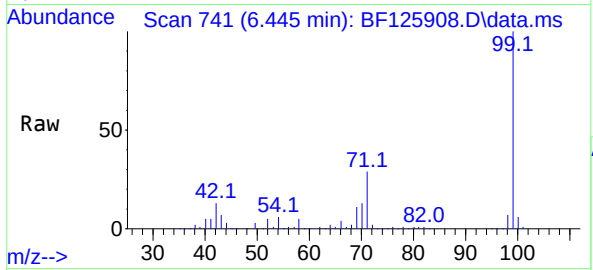
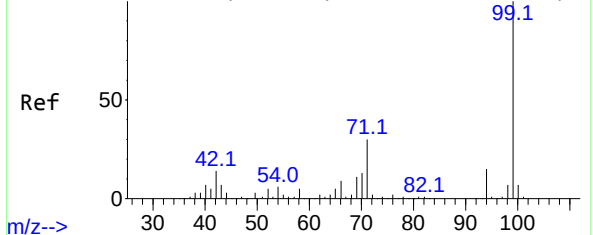
#5
2-Fluorophenol
Concen: 39.91 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



Tgt Ion:112 Resp: 396369
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 25.6 26.2 39.2#



Abundance Scan 746 (6.475 min): BF125768.D\data.ms (-73



#7

Phenol-d6

Concen: 38.03 ng

RT: 6.445 min Scan# 741

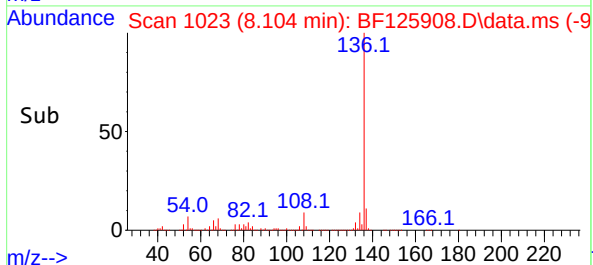
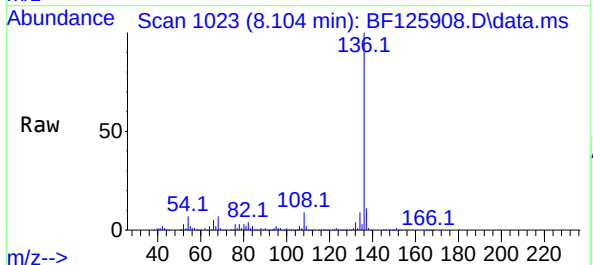
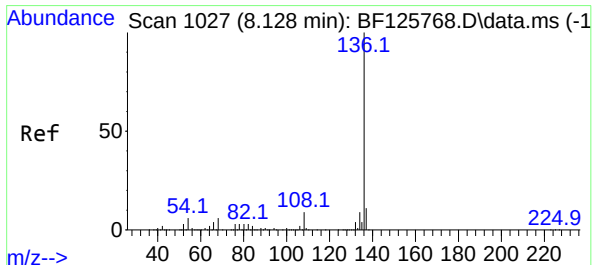
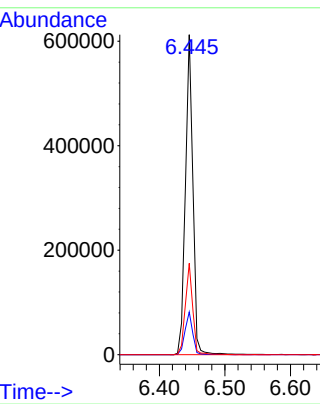
Delta R.T. -0.012 min

Lab File: BF125908.D

Acq: 19 Oct 2021 19:31

Tgt Ion: 99 Resp: 486215

Ion	Ratio	Lower	Upper
99	100		
42	13.4	23.5	35.3#
71	28.5	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.104 min Scan# 1023

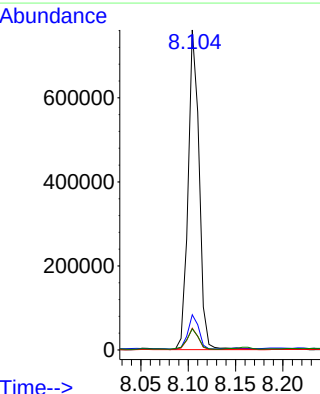
Delta R.T. -0.006 min

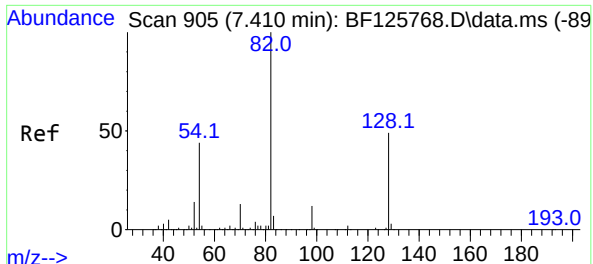
Lab File: BF125908.D

Acq: 19 Oct 2021 19:31

Tgt Ion: 136 Resp: 620440

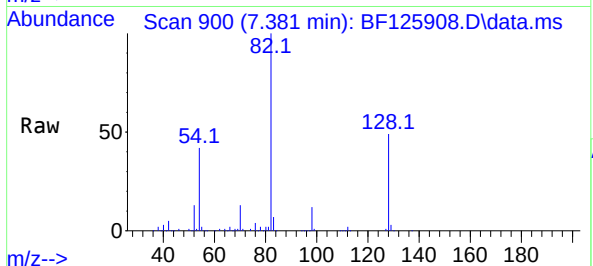
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	6.8	6.4	9.6
68	6.6	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 27.40 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

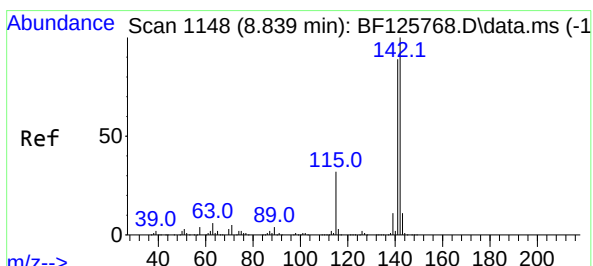
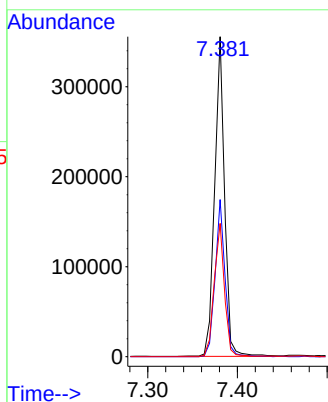
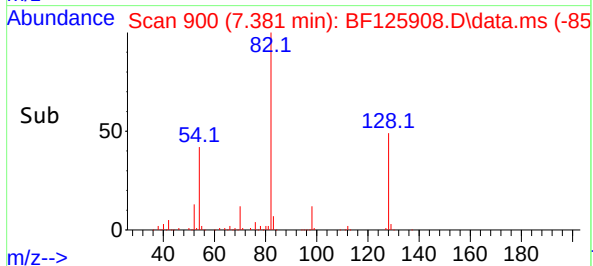
Instrument :
BNA_F
ClientSampleID :
72-12002DL



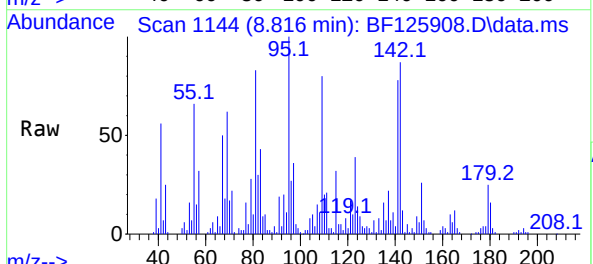
Tgt Ion: 82 Resp: 273521
Ion Ratio Lower Upper
82 100
128 49.1 40.6 60.8
54 41.6 49.6 74.4#

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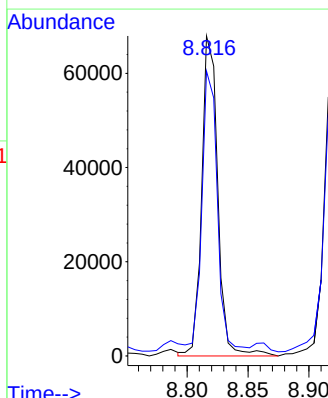
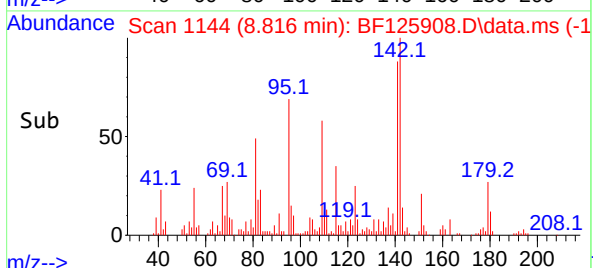
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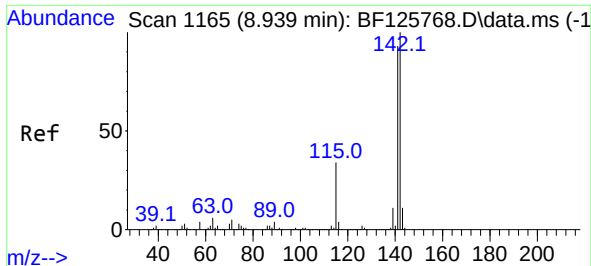


#37
2-Methylnaphthalene
Concen: 3.21 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



Tgt Ion: 142 Resp: 62351
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8





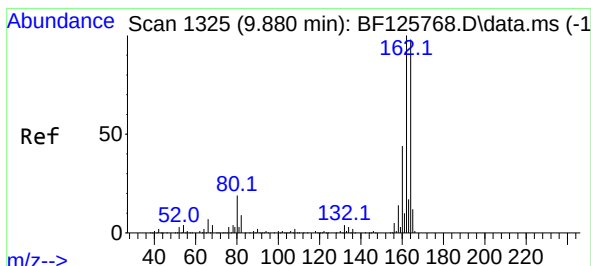
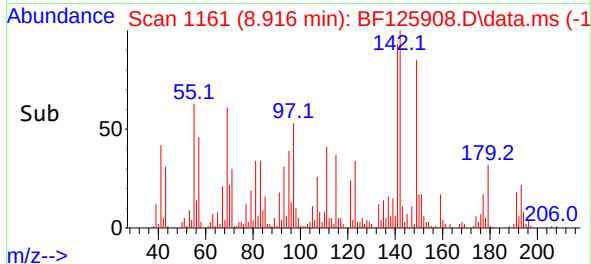
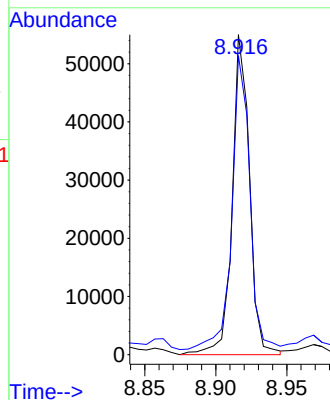
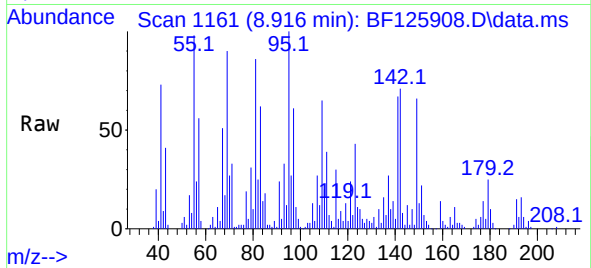
#38
1-Methylnaphthalene
Concen: 2.47 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:142 Resp: 46600
Ion Ratio Lower Upper
142 100
141 93.5 76.0 114.0

Instrument :
BNA_F
ClientSampleId :
72-12002DL

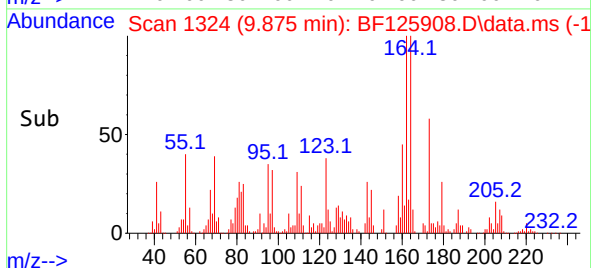
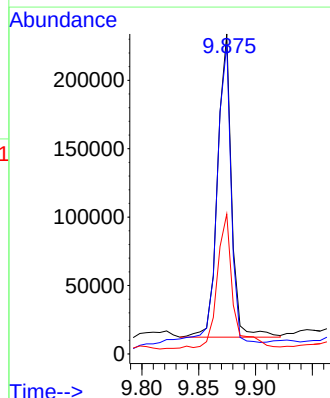
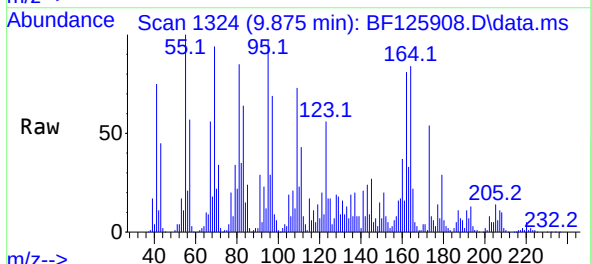
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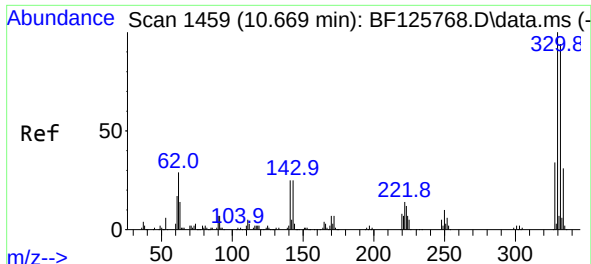
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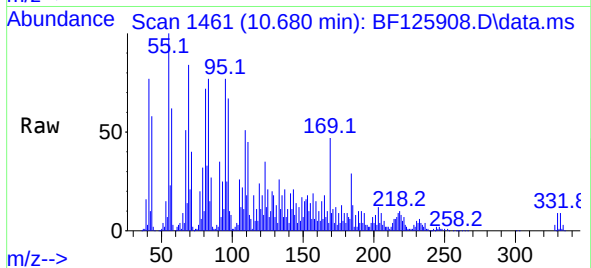
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:164 Resp: 189514
Ion Ratio Lower Upper
164 100
162 96.7 81.3 121.9
160 43.7 38.0 57.0

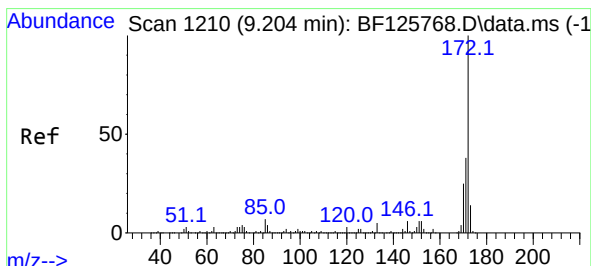
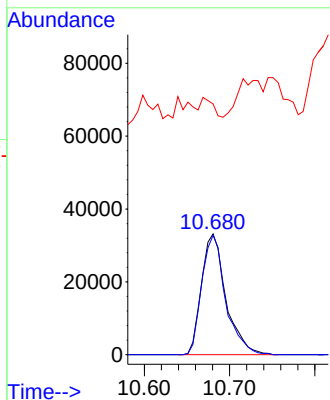
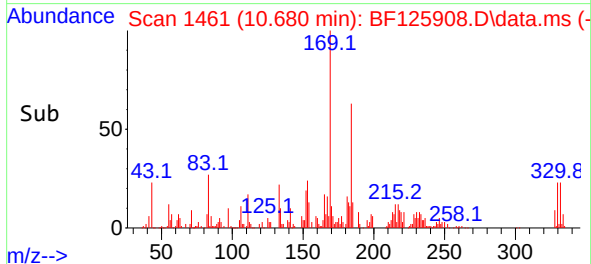




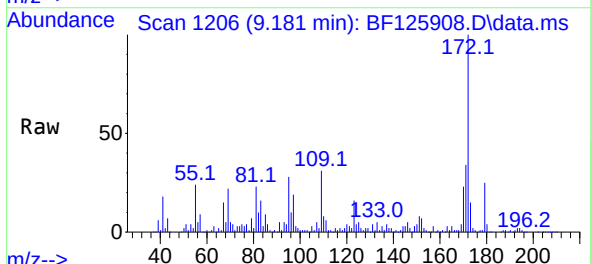
#42
2,4,6-Tribromophenol
Concen: 35.36 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.035 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



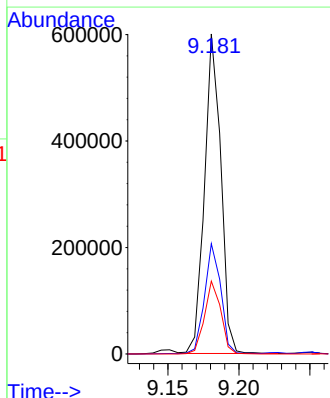
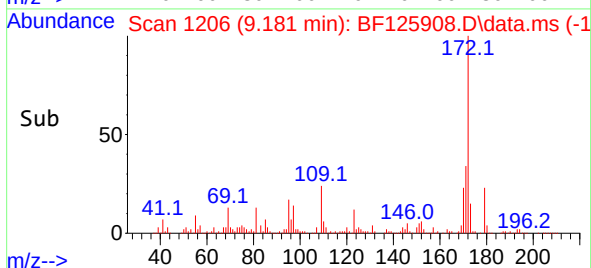
Tgt Ion: 330 Resp: 66155
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 0.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 43.79 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



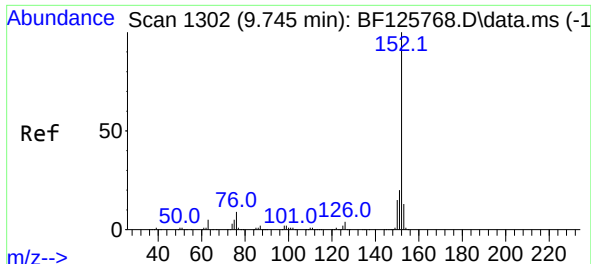
Tgt Ion: 172 Resp: 481097
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.8 18.8 28.2



Instrument :
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ClientSampleId :
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#49

Acenaphthylene

Concen: 3.57 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.018 min

Lab File: BF125908.D

Acq: 19 Oct 2021 19:31

Tgt Ion:	152	Resp:	59076
Ion Ratio	Lower	Upper	
152	100		
151	111.3	15.7	23.5#
153	50.1	9.8	14.8#

Instrument :

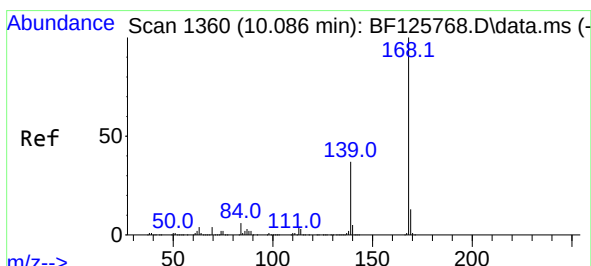
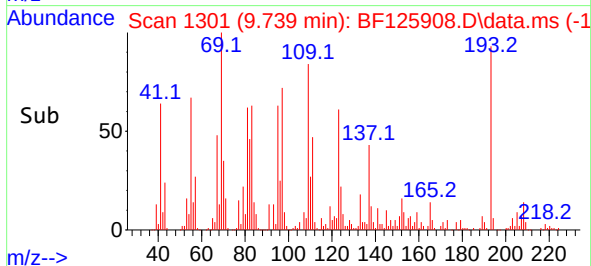
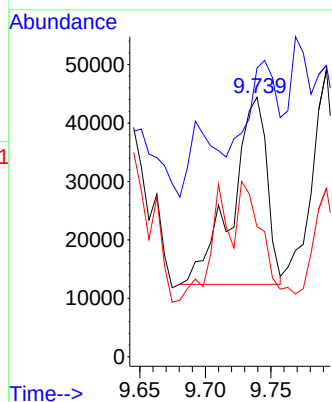
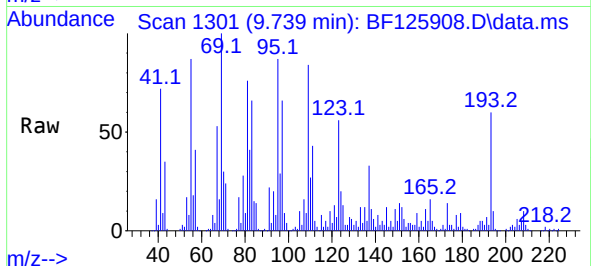
BNA_F

ClientSampled :

72-12002DL

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#55

Dibenzofuran

Concen: 3.22 ng

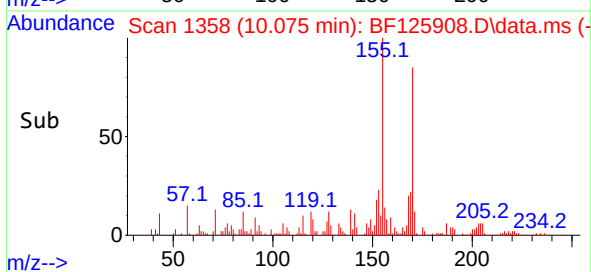
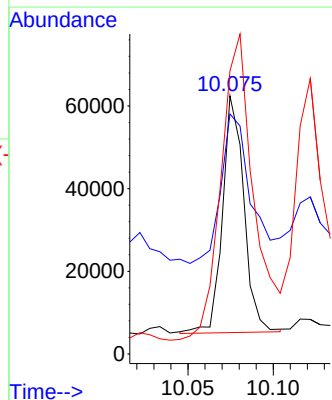
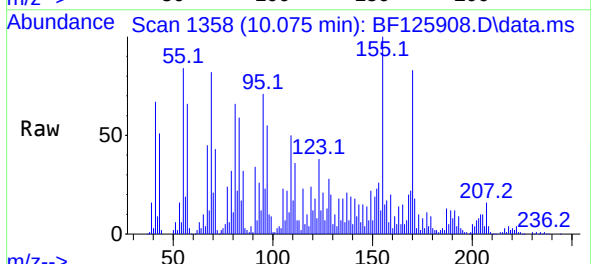
RT: 10.075 min Scan# 1358

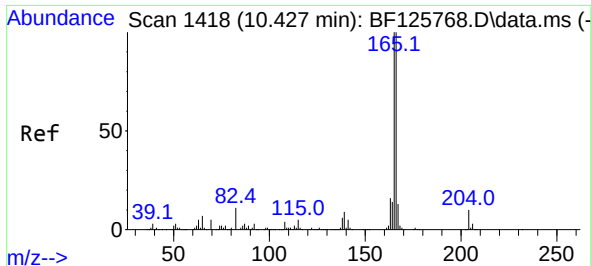
Delta R.T. 0.012 min

Lab File: BF125908.D

Acq: 19 Oct 2021 19:31

Tgt Ion:	168	Resp:	49936
Ion Ratio	Lower	Upper	
168	100		
139	93.0	32.7	49.1#
169	109.7	11.2	16.8#





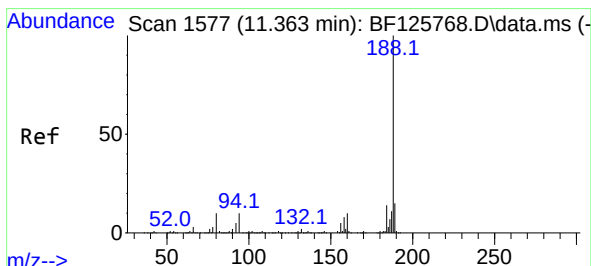
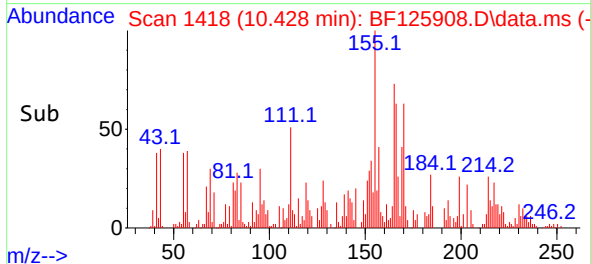
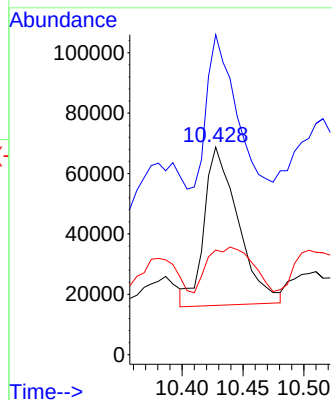
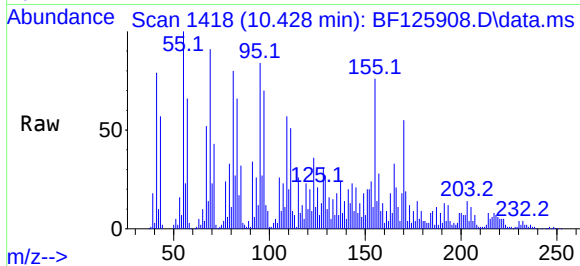
#58
Fluorene
Concen: 9.01 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.018 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:166 Resp: 102324
Ion Ratio Lower Upper
166 100
165 154.2 78.1 117.1#
167 50.5 11.1 16.7#

Instrument :
BNA_F
ClientSampled :
72-12002DL

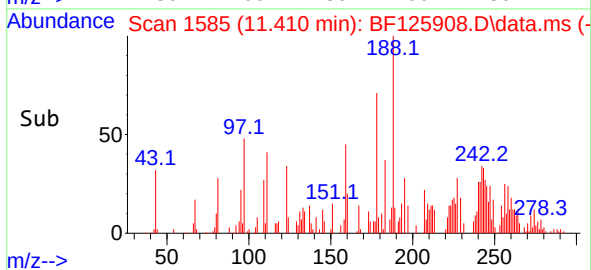
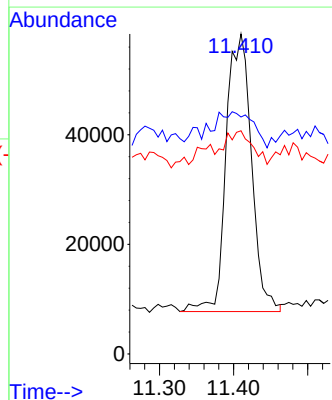
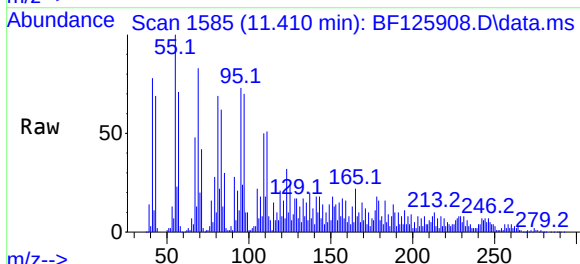
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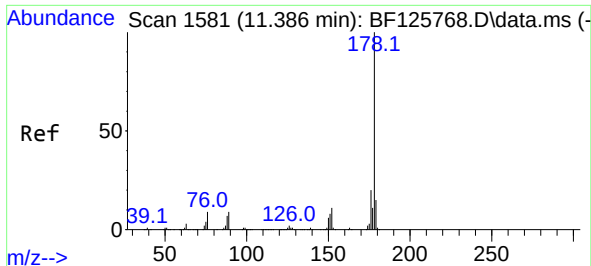
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.071 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:188 Resp: 120315
Ion Ratio Lower Upper
188 100
94 74.1 6.7 10.1#
80 69.8 7.5 11.3#





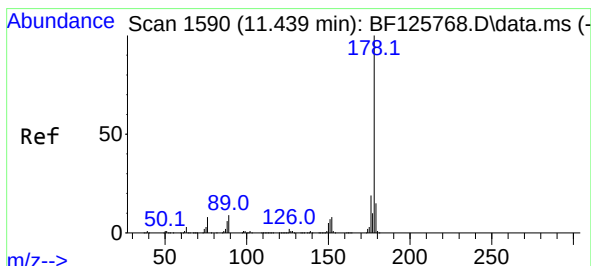
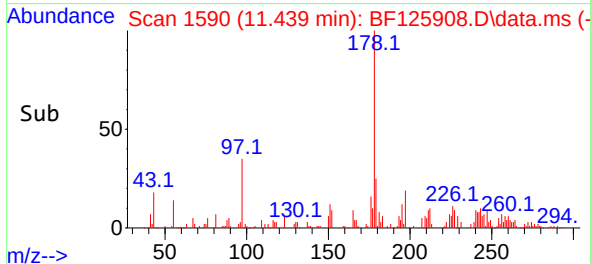
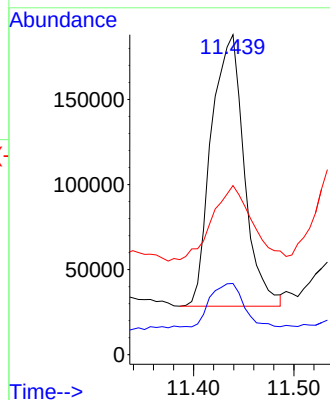
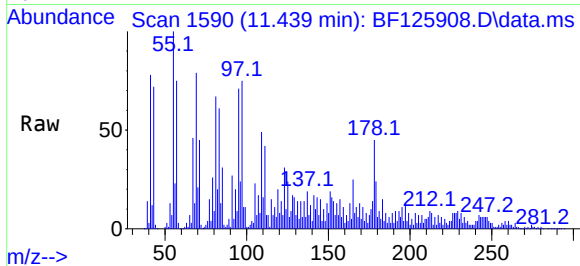
#71
Phenanthrene
Concen: 56.51 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.071 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:178 Resp: 363764
Ion Ratio Lower Upper
178 100
176 22.3 14.7 22.1#
179 52.9 11.5 17.3#

Instrument :
BNA_F
ClientSampled :
72-12002DL

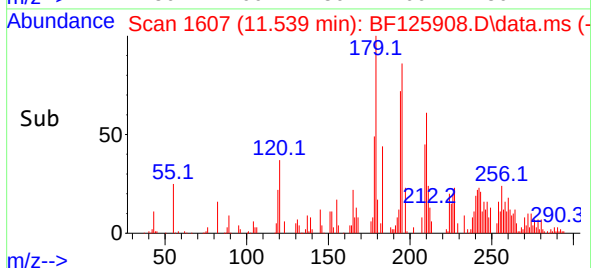
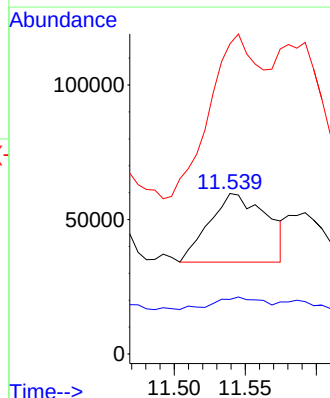
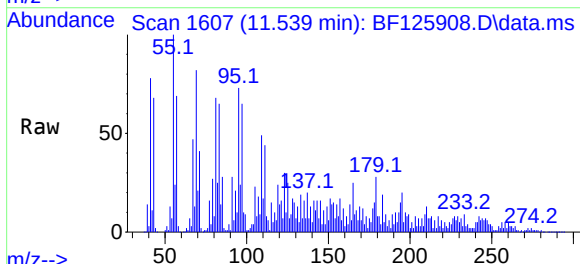
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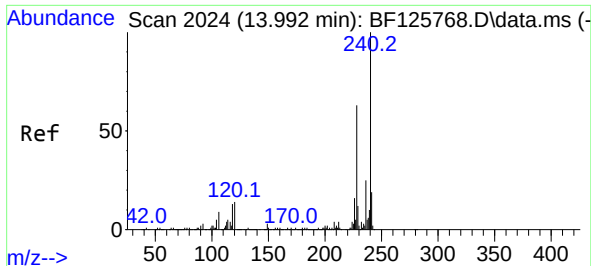
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#72
Anthracene
Concen: 11.24 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.118 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:178 Resp: 72260
Ion Ratio Lower Upper
178 100
176 34.0 14.3 21.5#
179 193.3 12.2 18.4#





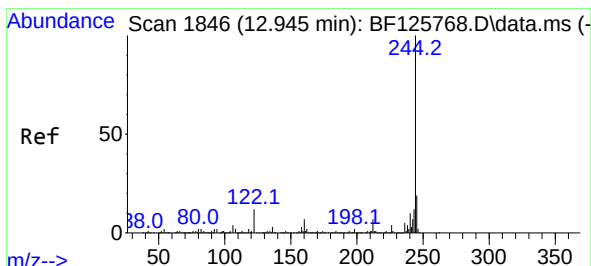
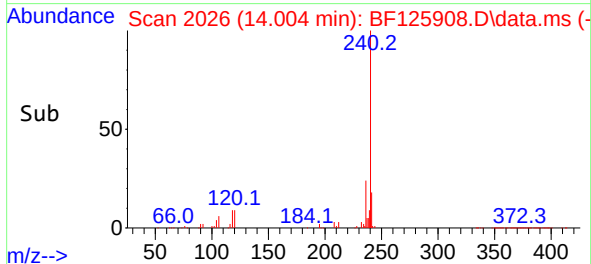
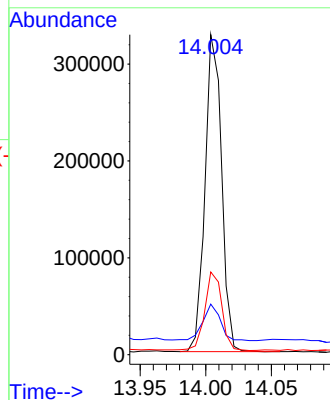
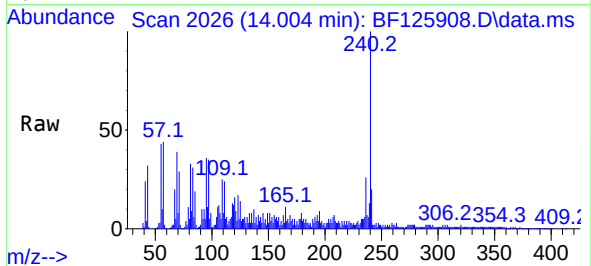
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.030 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:	240	Resp:	288524
Ion Ratio	Lower	Upper	
240	100		
120	15.8	10.8	16.2
236	25.9	21.6	32.4

Instrument :
BNA_F
ClientSampled :
72-12002DL

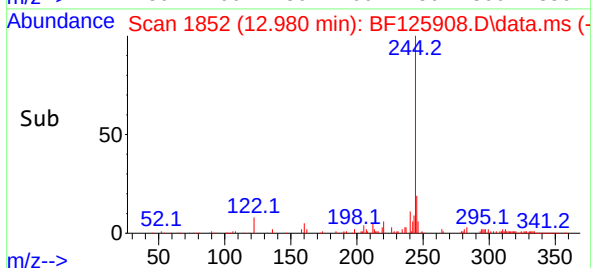
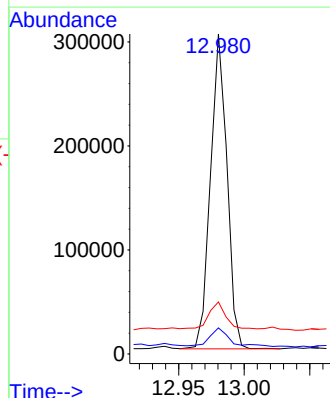
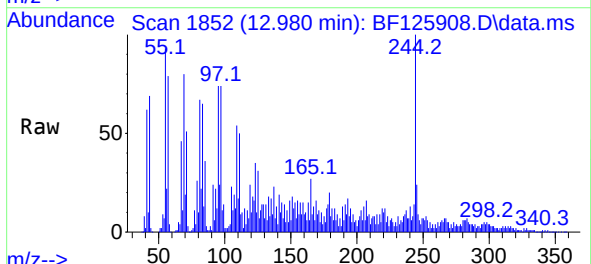
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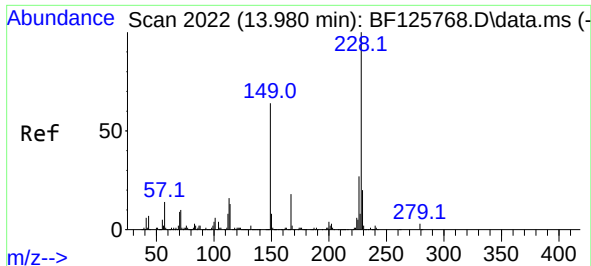
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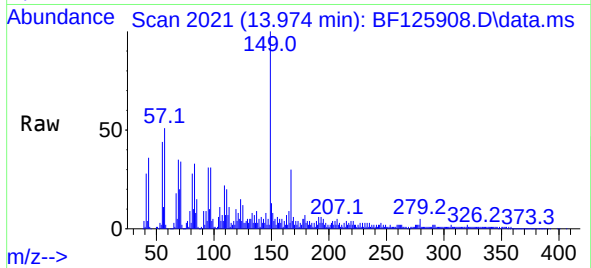
#79
Terphenyl-d14
Concen: 14.03 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.059 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:	244	Resp:	265705
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.9	8.9
122	16.3	9.0	13.4

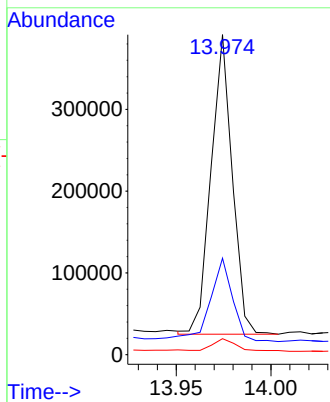
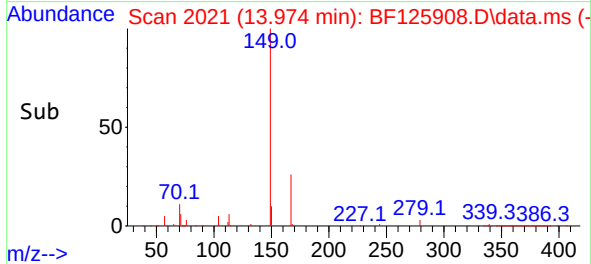




#84
Bis(2-ethylhexyl)phthalate
Concen: 27.95 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



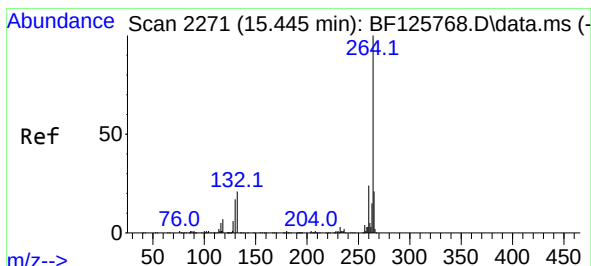
Tgt Ion:149 Resp: 285696
Ion Ratio Lower Upper
149 100
167 30.1 21.4 32.0
279 5.0 2.6 4.0#



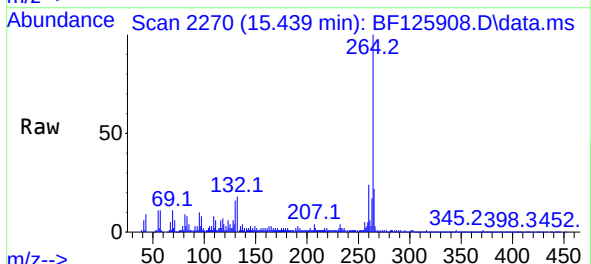
Instrument :
BNA_F
ClientSampled :
72-12002DL

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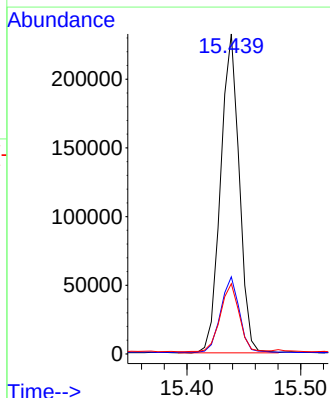
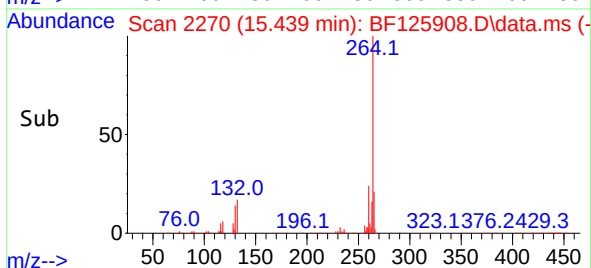
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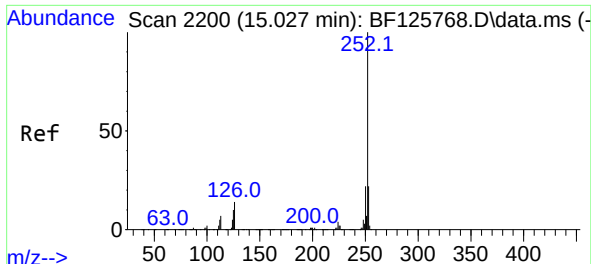


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.018 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31



Tgt Ion:264 Resp: 264757
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 22.0 17.2 25.8





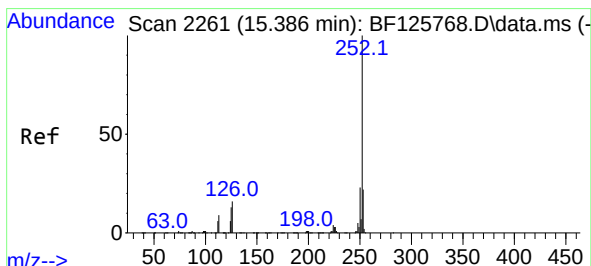
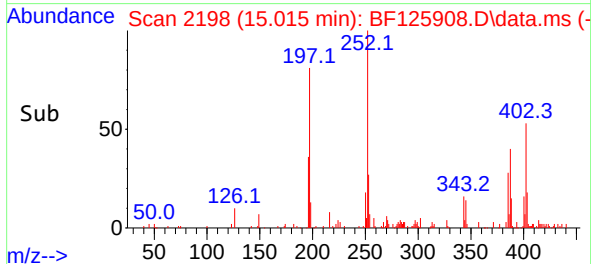
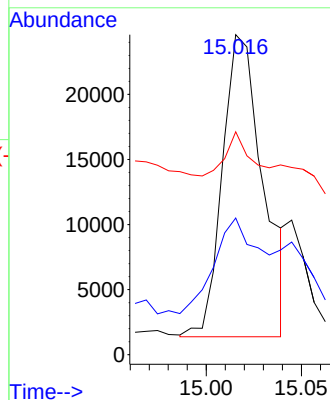
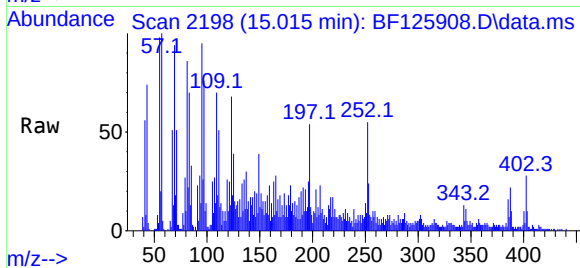
#88
Benzo(b)fluoranthene
Concen: 2.32 ng m
RT: 15.015 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:252 Resp: 34684
Ion Ratio Lower Upper
252 100
253 42.7 16.8 25.2#
125 69.6 9.8 14.8#

Instrument :
BNA_F
ClientSampled :
72-12002DL

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.39 ng
RT: 15.374 min Scan# 2259
Delta R.T. 0.012 min
Lab File: BF125908.D
Acq: 19 Oct 2021 19:31

Tgt Ion:252 Resp: 31688
Ion Ratio Lower Upper
252 100
253 26.3 18.4 27.6
125 42.2 9.9 14.9#

