

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125997.D
 Acq On : 28 Oct 2021 19:33
 Operator : JU/CG
 Sample : M4372-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4DL

Manual Integrations
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Quant Time: Oct 29 10:42:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	173527	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	569582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	268553	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	470444	20.000	ng	0.00
76) Chrysene-d12	14.015	240	387184	20.000	ng	0.00
86) Perylene-d12	15.480	264	258998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	214870	18.444	ng	-0.01
7) Phenol-d6	6.475	99	282980	17.710	ng	-0.01
23) Nitrobenzene-d5	7.416	82	202317	18.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	30887	13.193	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	246569	16.237	ng	0.00
79) Terphenyl-d14	12.963	244	274376	11.592	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.863	142	479913	25.744	ng	90
38) 1-Methylnaphthalene	8.957	142	383327	21.305	ng	90
49) Acenaphthylene	9.763	152	56066m	2.503	ng	
52) Acenaphthene	9.933	154	80357	5.520	ng	# 80
55) Dibenzofuran	10.104	168	76915m	3.537	ng	
58) Fluorene	10.445	166	144449	6.708	ng	# 84
71) Phenanthrene	11.410	178	444406	18.205	ng	# 95
72) Anthracene	11.457	178	53644m	2.201	ng	
75) Fluoranthene	12.592	202	76099	3.092	ng	90
78) Pyrene	12.821	202	103158	2.863	ng	94

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

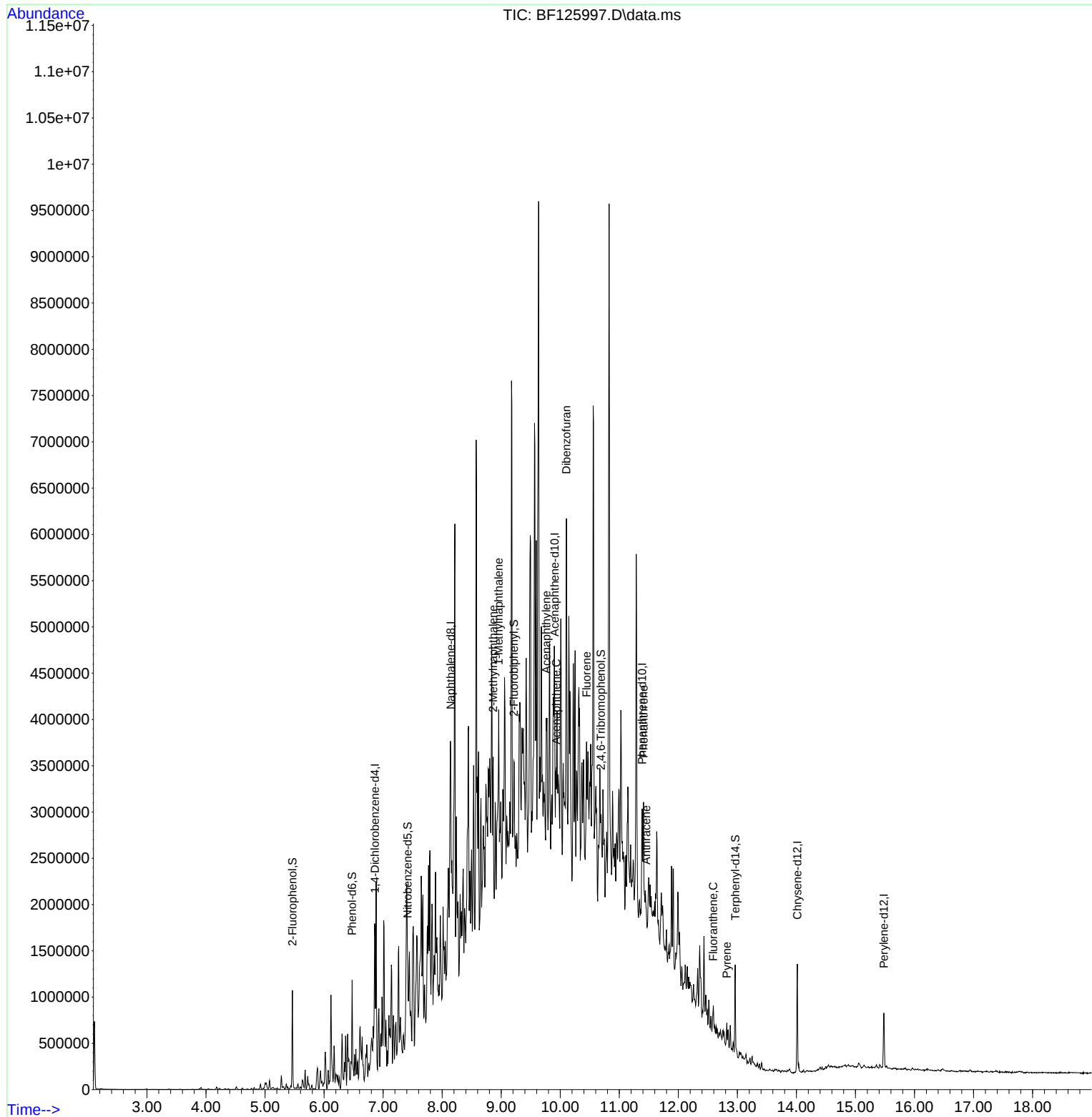
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125997.D
Acq On : 28 Oct 2021 19:33
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Misc :
ALS Vial : 19 Sample Multiplier: 1

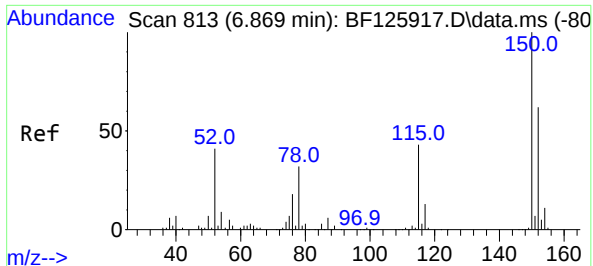
Instrument :
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ClientSampleId :
SB-4DL

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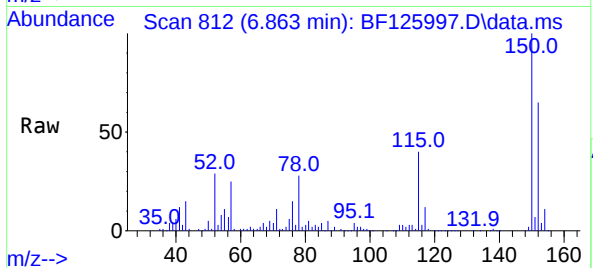
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

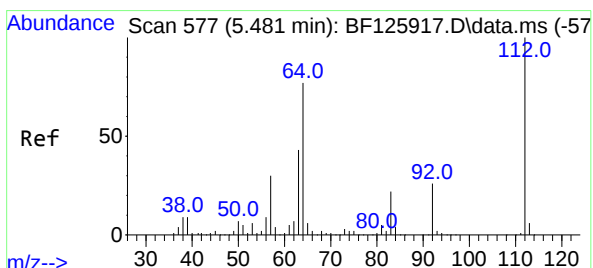
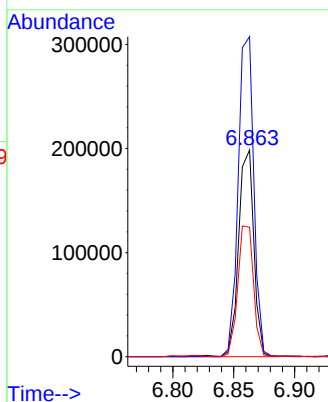
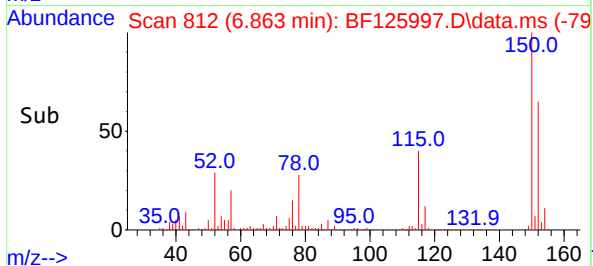
Instrument :
BNA_F
ClientSampled :
SB-4DL



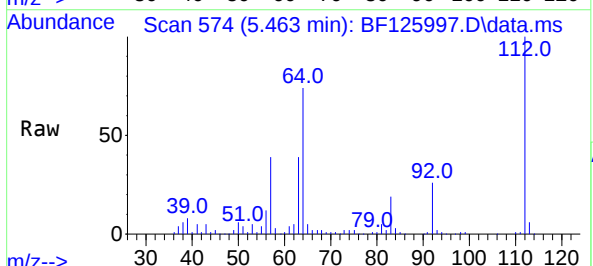
Tgt Ion:152 Resp: 173527
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 62.6 47.1 70.7

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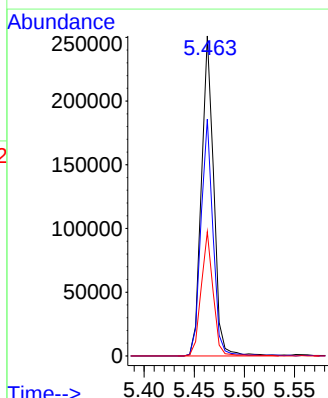
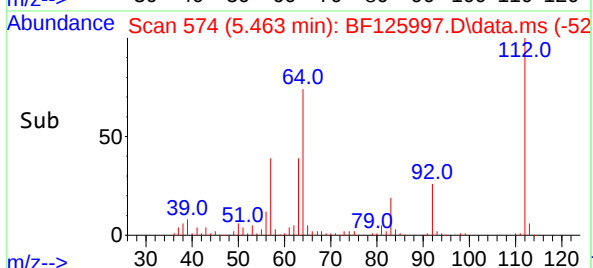
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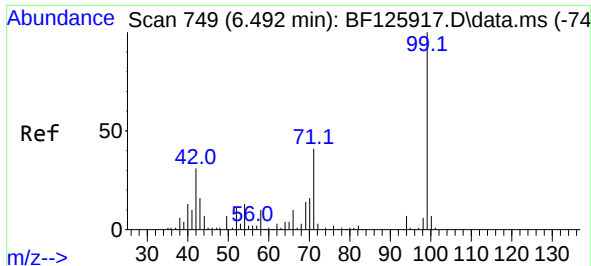


#5
2-Fluorophenol
Concen: 18.444 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.012 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



Tgt Ion:112 Resp: 214870
Ion Ratio Lower Upper
112 100
64 74.0 44.2 66.2#
63 38.8 26.2 39.2





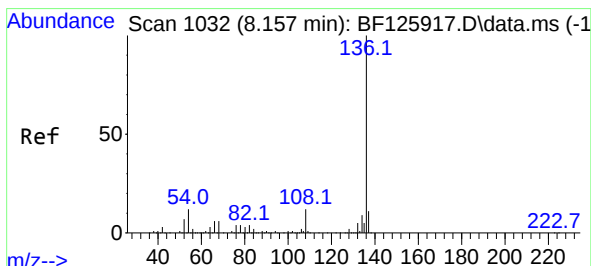
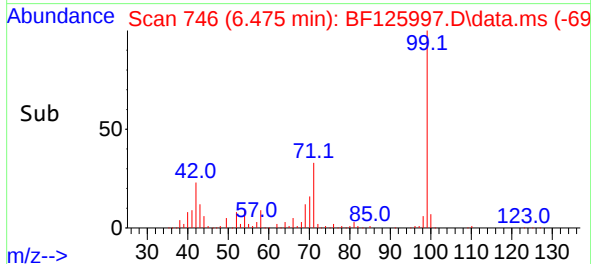
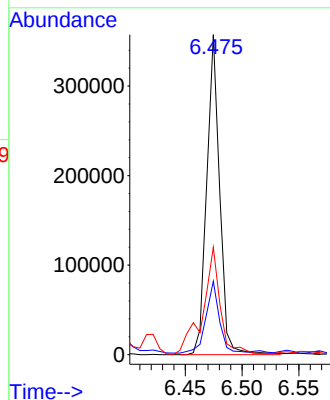
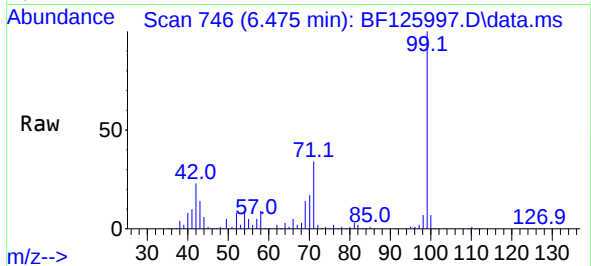
#7
Phenol-d6
Concen: 17.710 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Instrument :
BNA_F
ClientSampled :
SB-4DL

Tgt Ion: 99 Resp: 282980
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 33.6 25.6 38.4

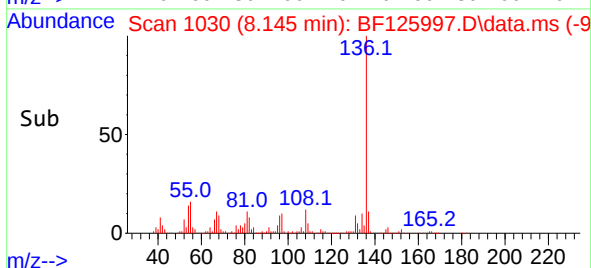
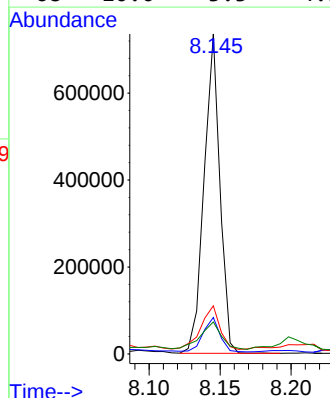
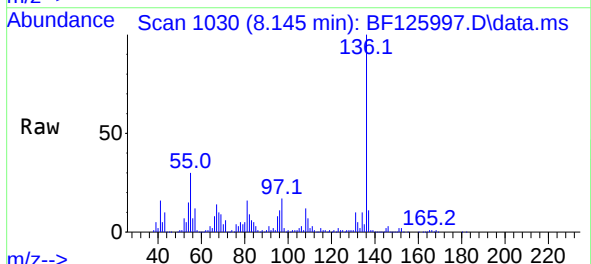
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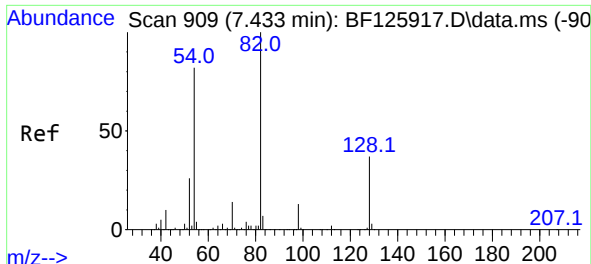
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

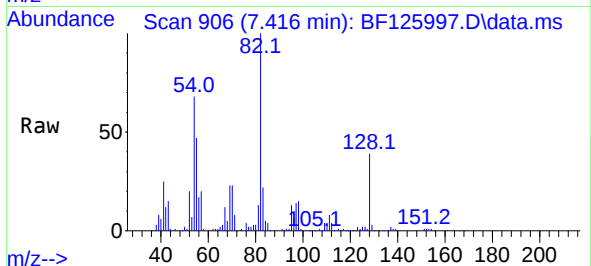
Tgt Ion: 136 Resp: 569582
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 15.1 6.4 9.6#
68 10.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 18.347 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

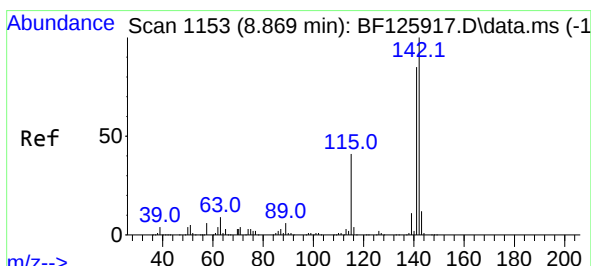
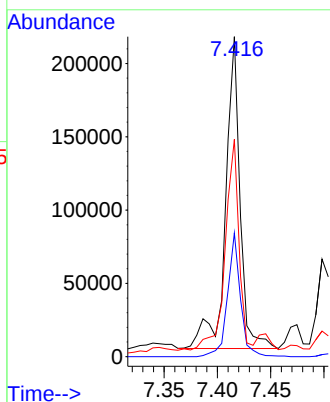
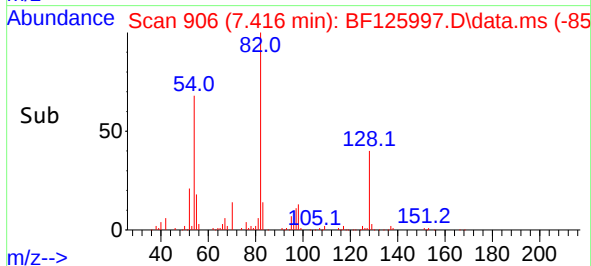
Instrument :
BNA_F
ClientSampleId :
SB-4DL



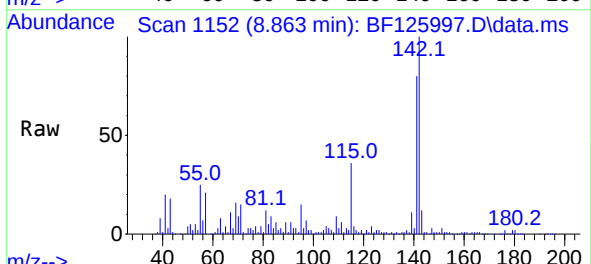
Tgt Ion: 82 Resp: 202317
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 67.9 49.6 74.4

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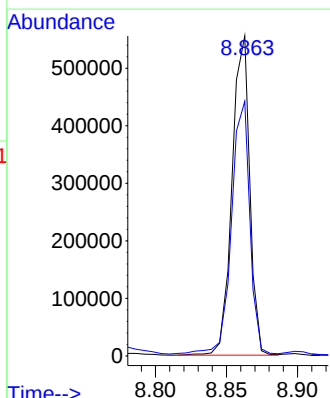
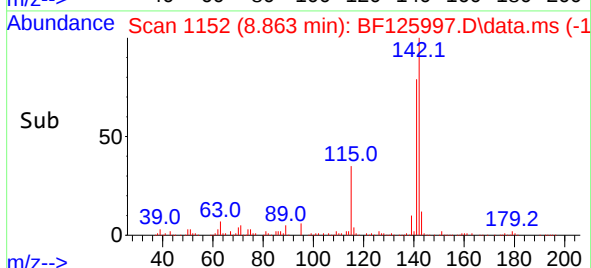
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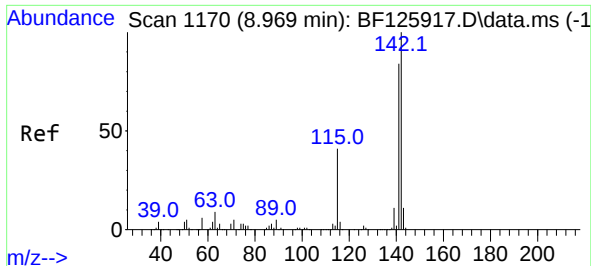


#37
2-Methylnaphthalene
Concen: 25.744 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



Tgt Ion: 142 Resp: 479913
Ion Ratio Lower Upper
142 100
141 79.6 71.2 106.8





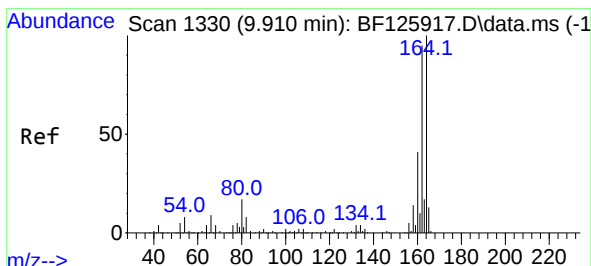
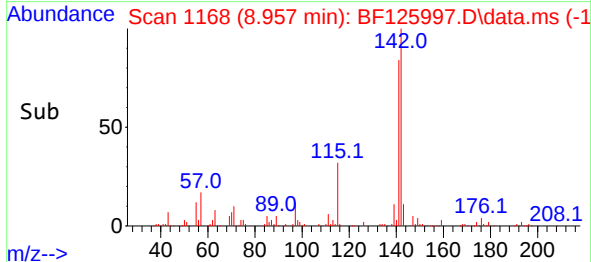
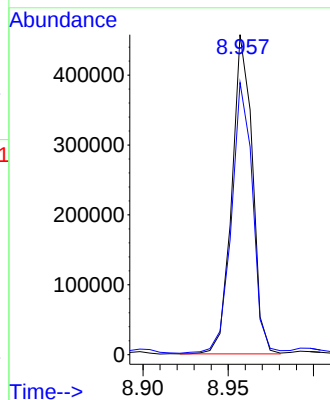
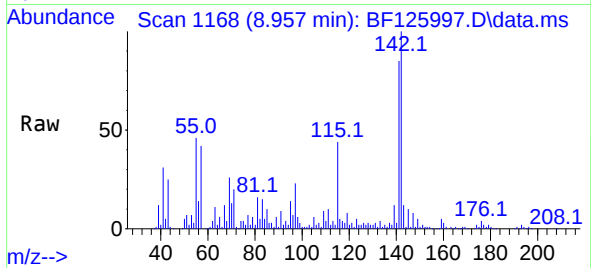
#38
1-Methylnaphthalene
Concen: 21.305 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Instrument :
BNA_F
ClientSampled :
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Tgt Ion:142 Resp: 383327
Ion Ratio Lower Upper
142 100
141 85.0 76.0 114.0

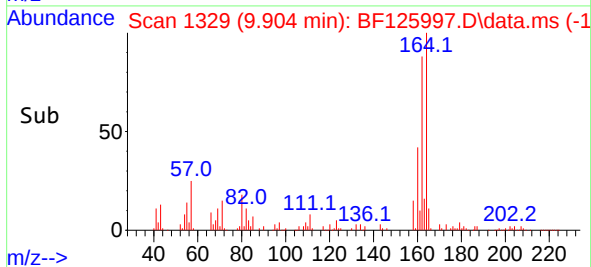
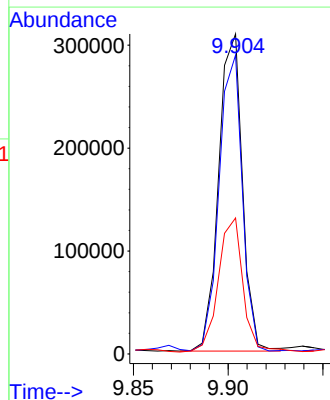
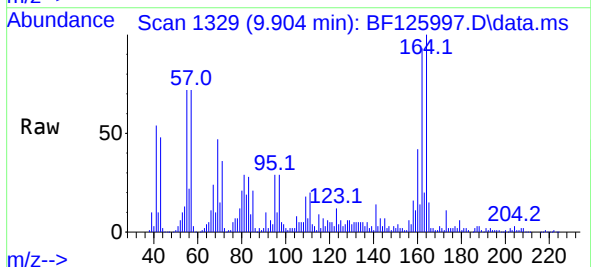
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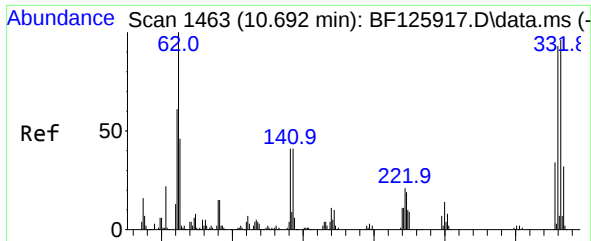
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

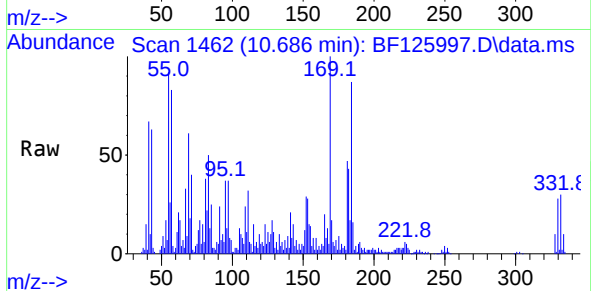
Tgt Ion:164 Resp: 268553
Ion Ratio Lower Upper
164 100
162 93.4 81.3 121.9
160 42.5 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 13.193 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

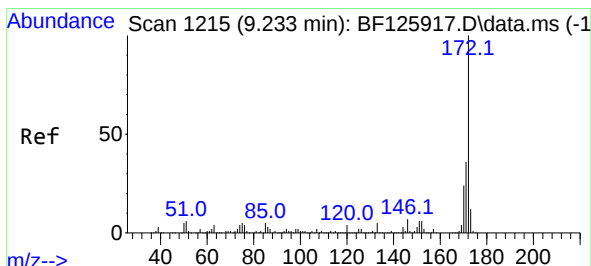
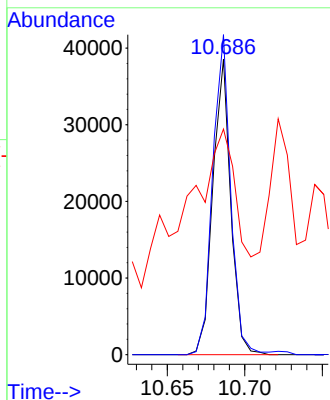
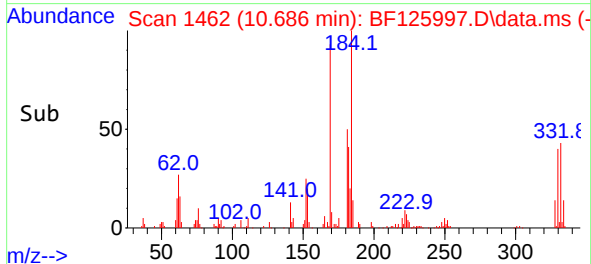
Instrument :
BNA_F
ClientSampled :
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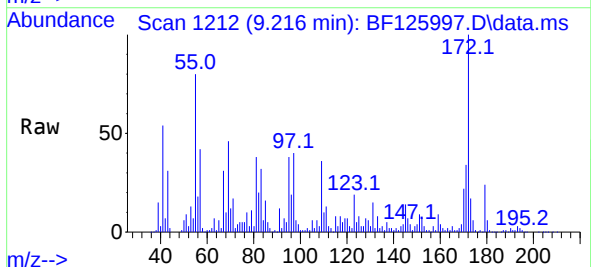
Tgt Ion:330 Resp: 30887
Ion Ratio Lower Upper
330 100
332 109.9 76.2 114.4
141 147.8 44.6 66.8#

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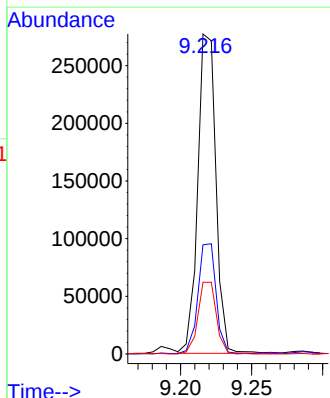
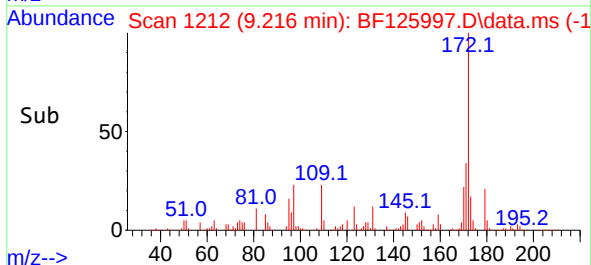
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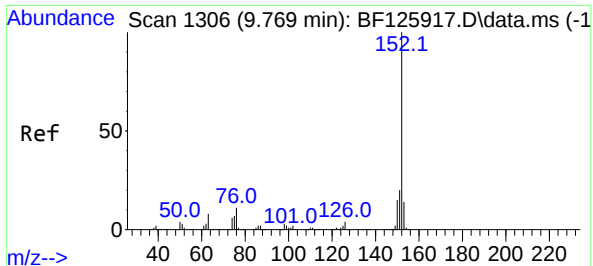


#45
2-Fluorobiphenyl
Concen: 16.237 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



Tgt Ion:172 Resp: 246569
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.4 18.8 28.2





#49

Acenaphthylene

Concen: 2.503 ng m

RT: 9.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF125997.D

Acq: 28 Oct 2021 19:33

Tgt Ion:	152	Resp:	56066
Ion Ratio	Lower	Upper	
152	100		
151	51.3	15.7	23.5#
153	110.4	9.8	14.8#

Instrument :

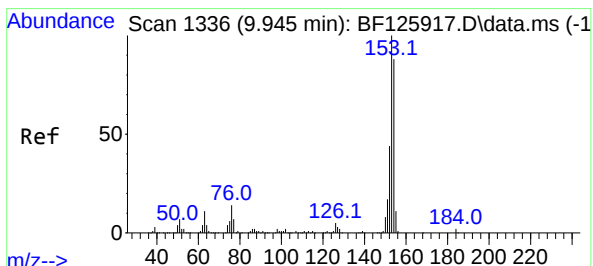
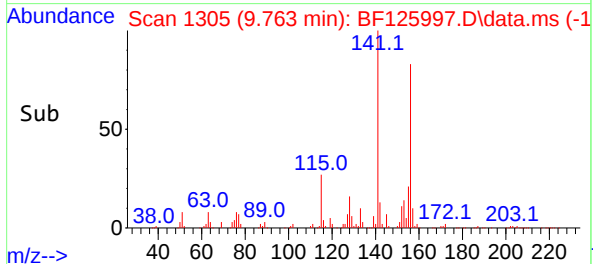
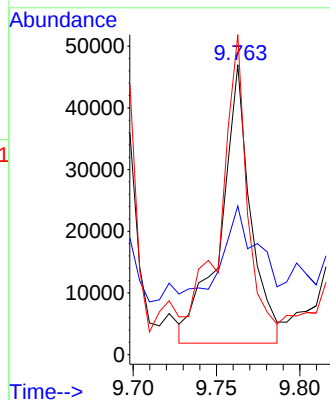
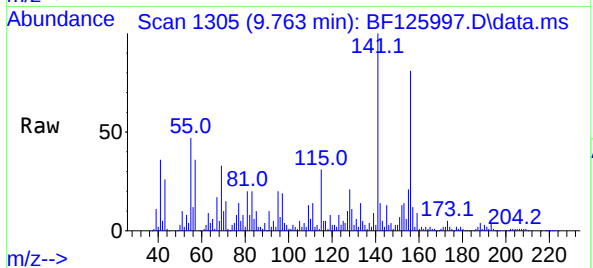
BNA_F

ClientSampleId :

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#52

Acenaphthene

Concen: 5.520 ng

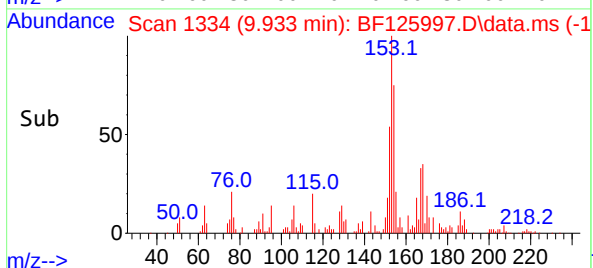
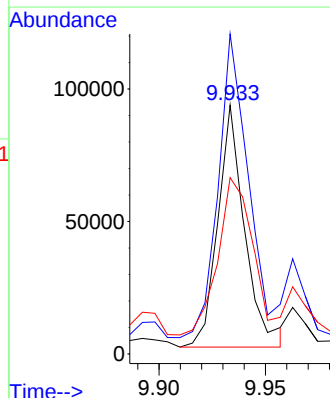
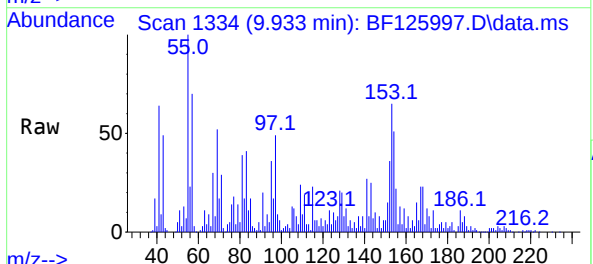
RT: 9.933 min Scan# 1334

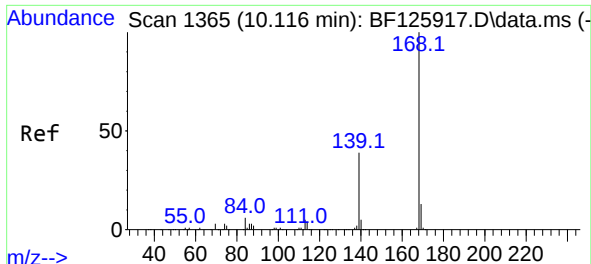
Delta R.T. -0.000 min

Lab File: BF125997.D

Acq: 28 Oct 2021 19:33

Tgt Ion:	154	Resp:	80357
Ion Ratio	Lower	Upper	
154	100		
153	128.7	89.4	134.2
152	70.9	40.5	60.7#





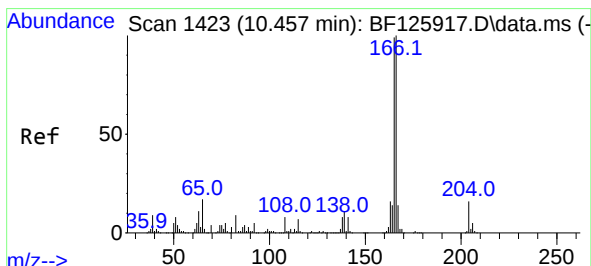
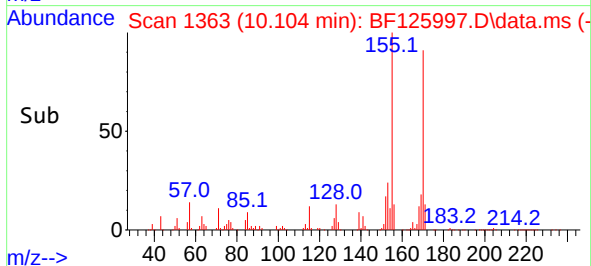
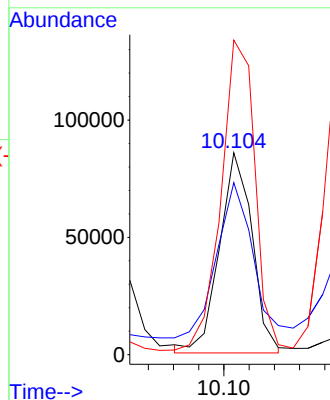
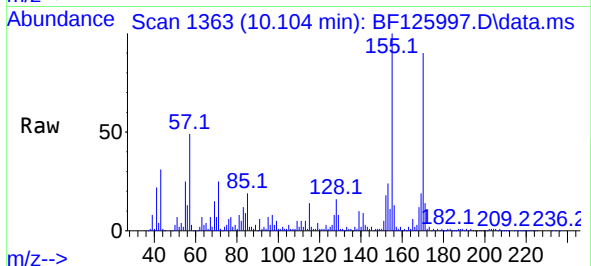
#55
Dibenzenofuran
Concen: 3.537 ng m
RT: 10.104 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Tgt Ion:168 Resp: 76915
Ion Ratio Lower Upper
168 100
139 85.2 32.7 49.1#
169 155.8 11.2 16.8#

Instrument :
BNA_F
ClientSampled :
SB-4DL

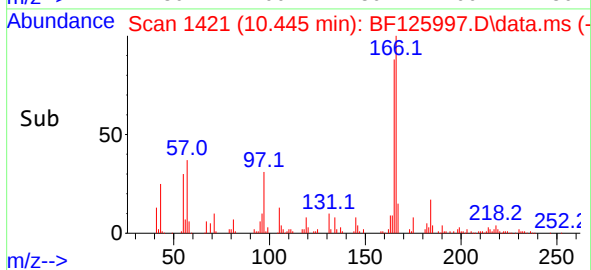
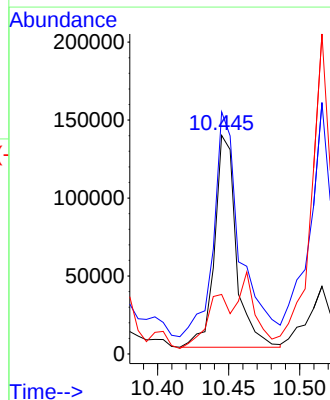
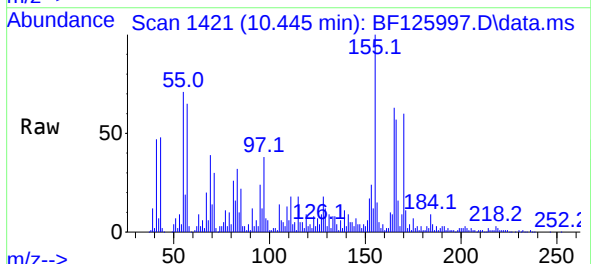
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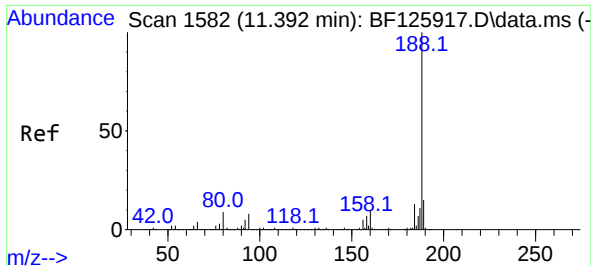
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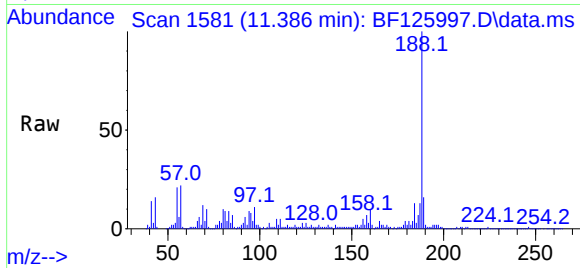
#58
Fluorene
Concen: 6.708 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Tgt Ion:166 Resp: 144449
Ion Ratio Lower Upper
166 100
165 110.7 78.1 117.1
167 27.2 11.1 16.7#

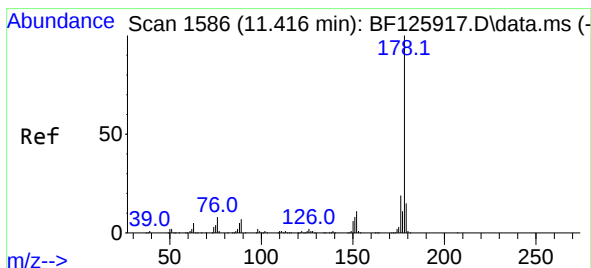
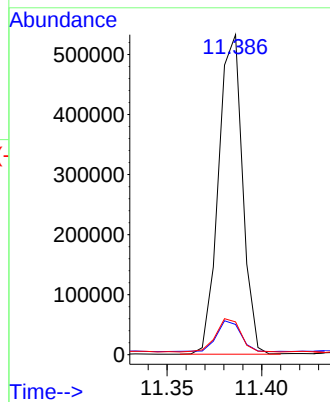
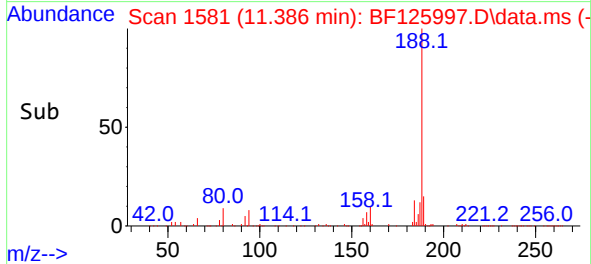




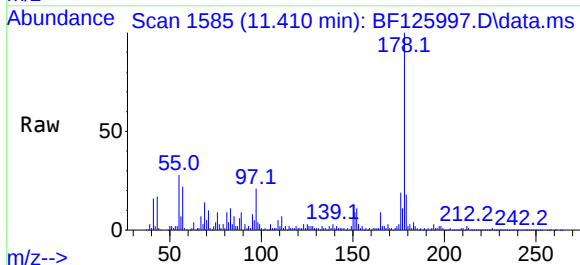
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



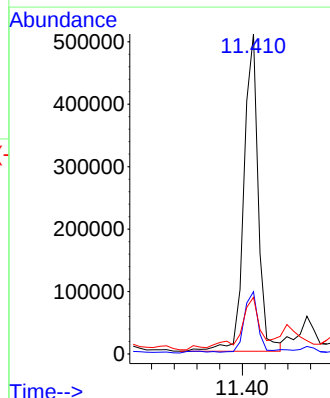
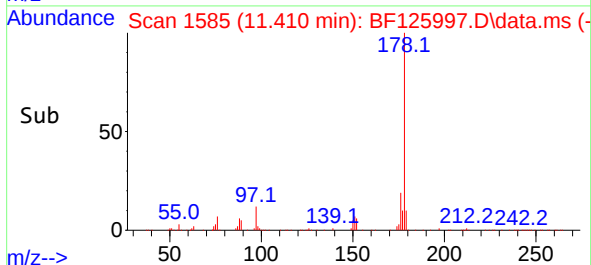
Tgt Ion:188 Resp: 470444
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.2 7.5 11.3



#71
Phenanthrene
Concen: 18.205 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



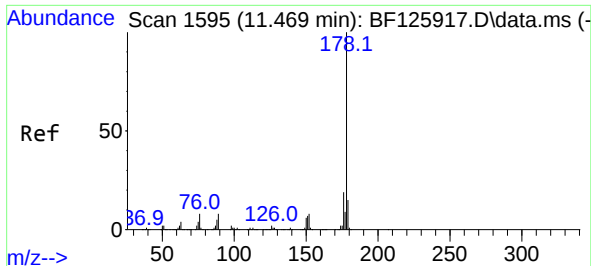
Tgt Ion:178 Resp: 444406
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 17.7 11.5 17.3#



Instrument :
BNA_F
ClientSampled :
SB-4DL

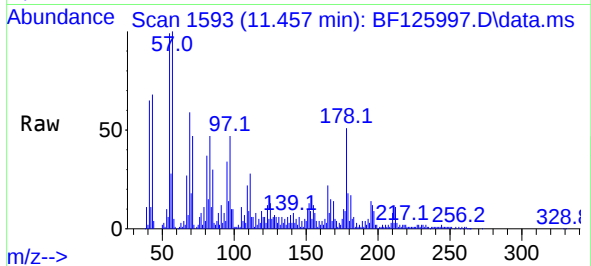
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#72
 Anthracene
 Concen: 2.201 ng m
 RT: 11.457 min Scan# 1593
 Delta R.T. -0.000 min
 Lab File: BF125997.D
 Acq: 28 Oct 2021 19:33

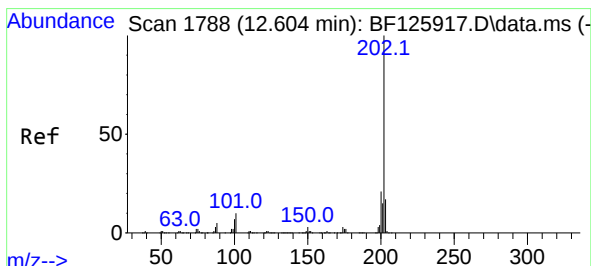
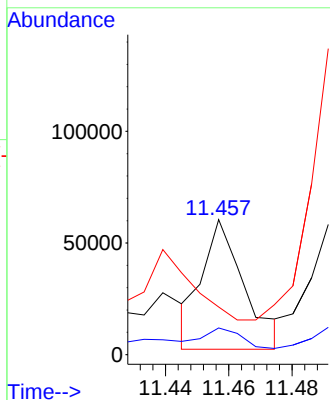
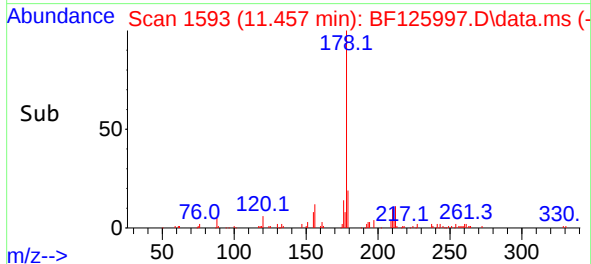
Instrument :
 BNA_F
 ClientSampled :
 SB-4DL



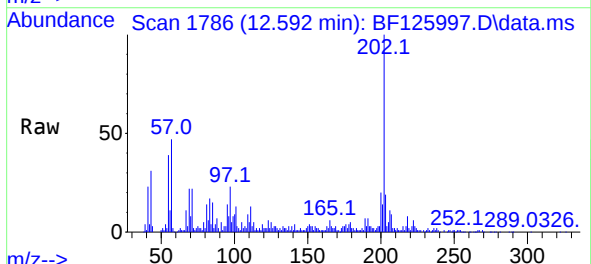
Tgt Ion:178 Resp: 53644
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.3 21.5
 179 35.3 12.2 18.4#

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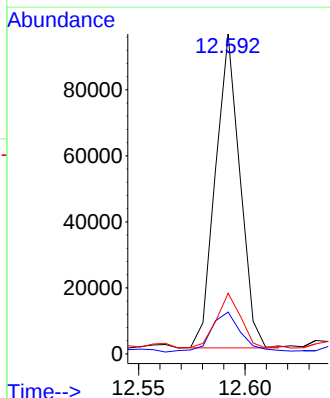
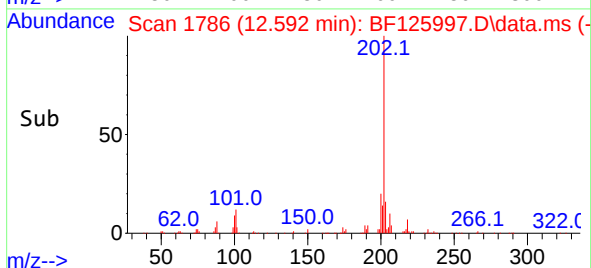
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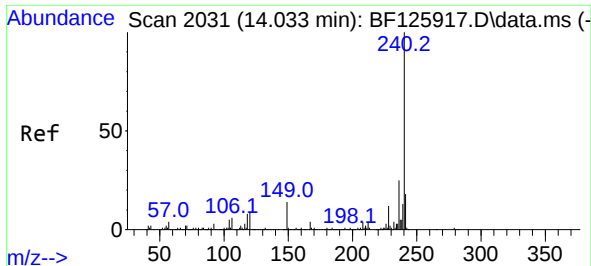


#75
 Fluoranthene
 Concen: 3.092 ng
 RT: 12.592 min Scan# 1786
 Delta R.T. -0.000 min
 Lab File: BF125997.D
 Acq: 28 Oct 2021 19:33



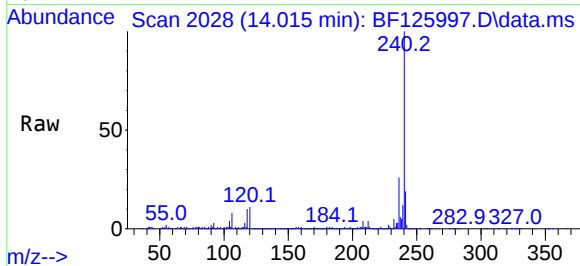
Tgt Ion:202 Resp: 76099
 Ion Ratio Lower Upper
 202 100
 101 16.2 0.0 30.7
 203 19.0 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

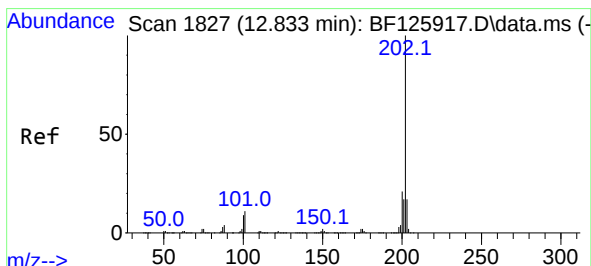
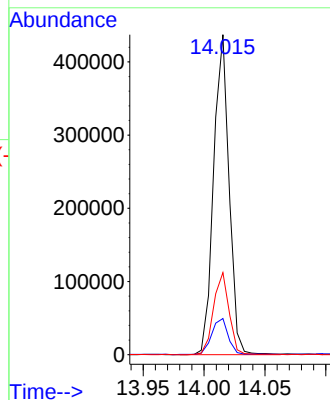
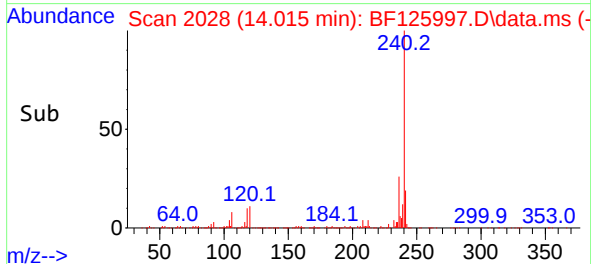
Instrument :
BNA_F
ClientSampleId :
SB-4DL



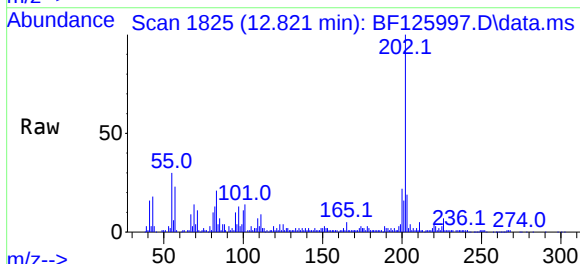
Tgt Ion:240 Resp: 387184
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.7 21.6 32.4

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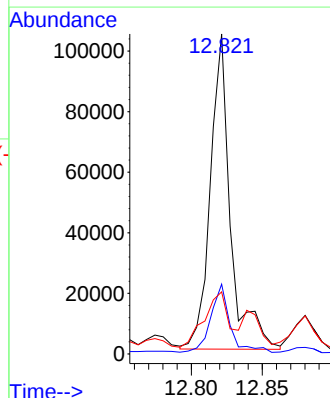
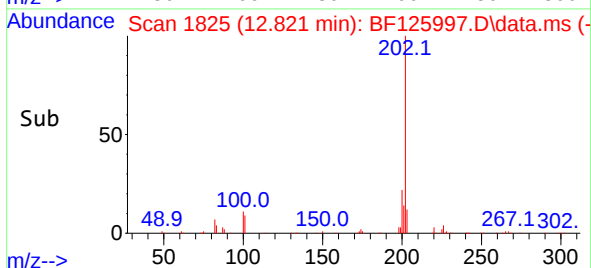
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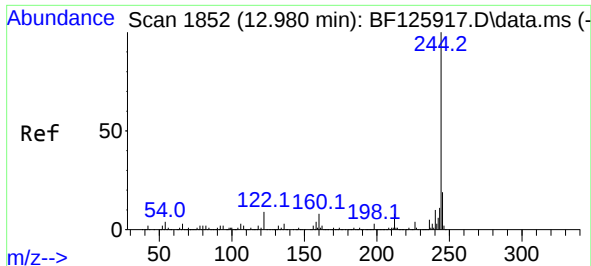


#78
Pyrene
Concen: 2.863 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33



Tgt Ion:202 Resp: 103158
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 19.4 13.4 20.0





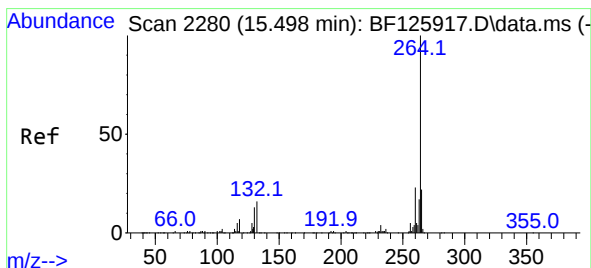
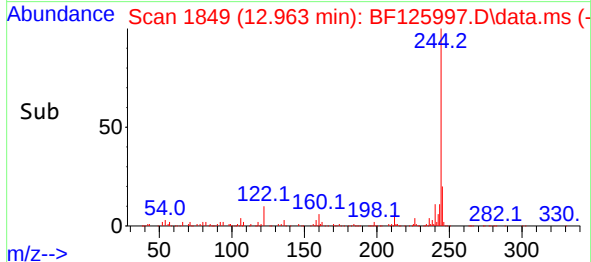
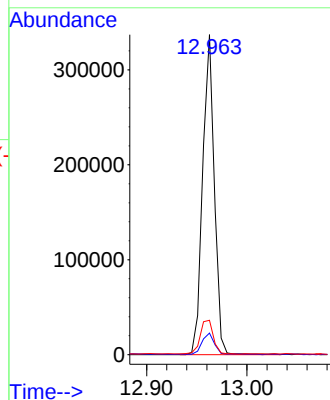
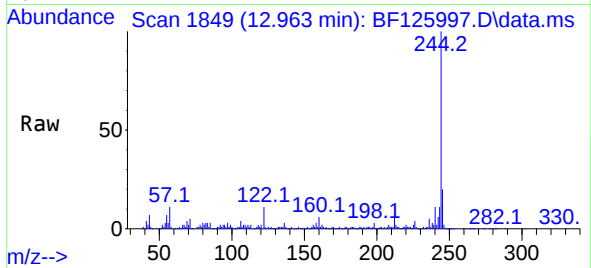
#79
Terphenyl-d14
Concen: 11.592 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Tgt Ion:244 Resp: 274376
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.7 9.0 13.4

Instrument :
BNA_F
ClientSampled :
SB-4DL

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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF125997.D
Acq: 28 Oct 2021 19:33

Tgt Ion:264 Resp: 258998
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 23.3 17.2 25.8

