

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125978.D
 Acq On : 27 Oct 2021 23:02
 Operator : JU/CG
 Sample : M4357-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102521

Manual Integrations
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Quant Time: Oct 28 09:01:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	196544	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	763047	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	382042	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	585220	20.000	ng	-0.02
76) Chrysene-d12	14.015	240	463206	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	302471	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	668466	50.660	ng	-0.02
7) Phenol-d6	6.475	99	820840	45.355	ng	-0.02
23) Nitrobenzene-d5	7.416	82	510539	34.560	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	140378	42.150	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	861412	39.874	ng	-0.02
79) Terphenyl-d14	12.963	244	751974	26.555	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	131720	4.338	ng	99
75) Fluoranthene	12.586	202	193727	6.328	ng	99
78) Pyrene	12.816	202	185795	4.310	ng	99
81) Benzo(a)anthracene	14.004	228	84501	2.710	ng	96
83) Chrysene	14.039	228	90430m	2.867	ng	
88) Benzo(b)fluoranthene	15.051	252	81353m	4.075	ng	
90) Benzo(a)pyrene	15.415	252	52161	3.236	ng	# 88

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

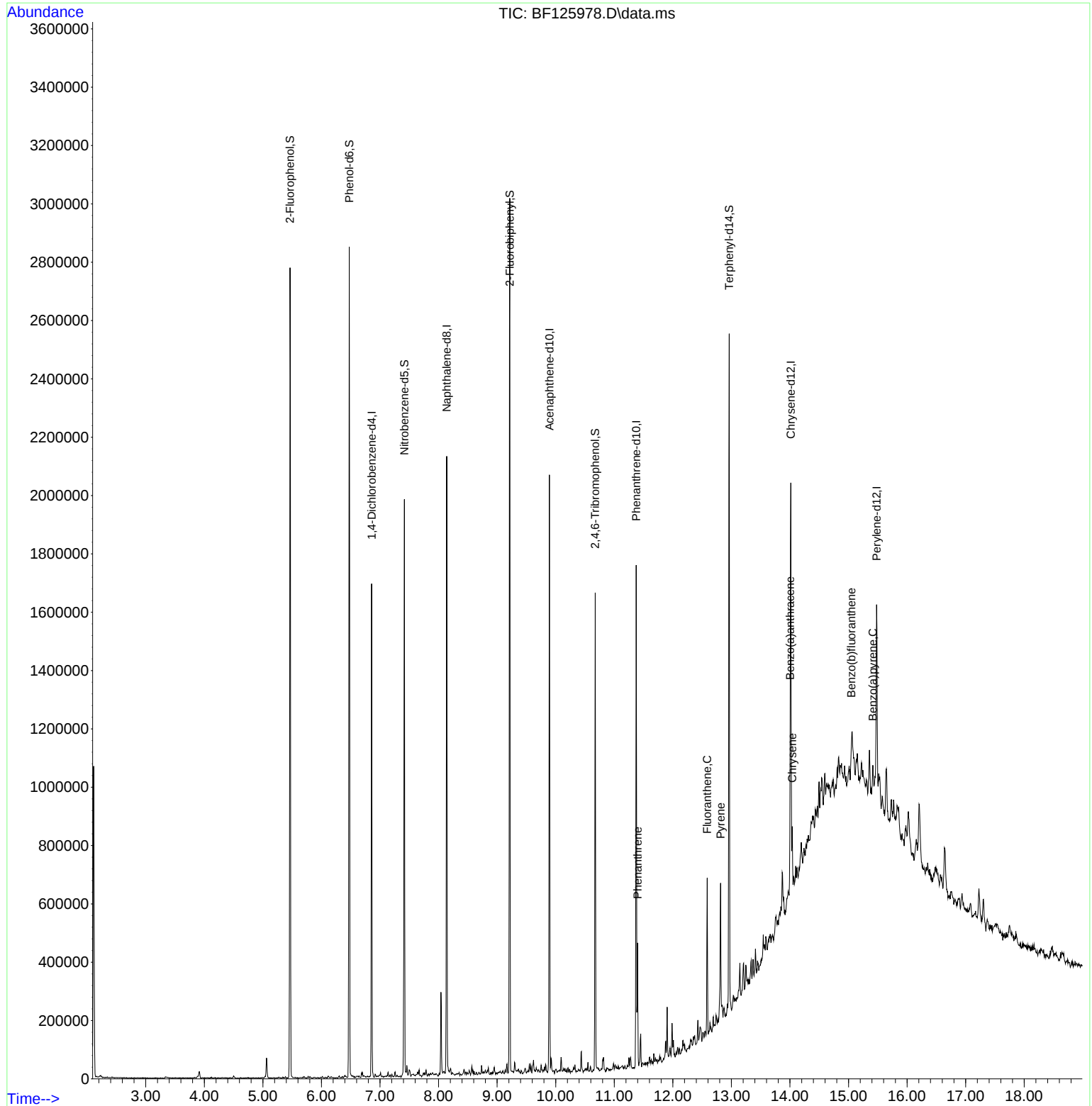
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125978.D
Acq On : 27 Oct 2021 23:02
Operator : JU/CG
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Misc :
ALS Vial : 22 Sample Multiplier: 1

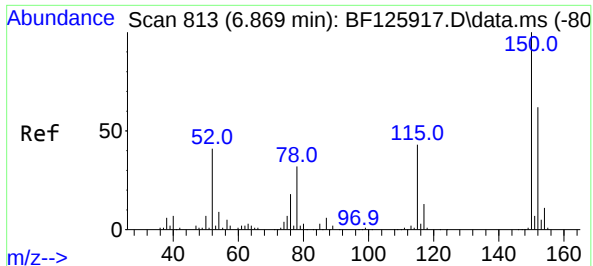
Instrument :
BNA_F
ClientSampleId :
CL-01-102521

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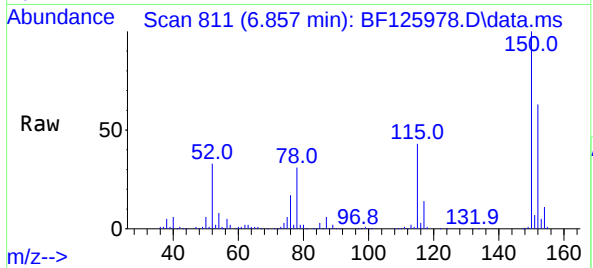
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Quant Time: Oct 28 09:01:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
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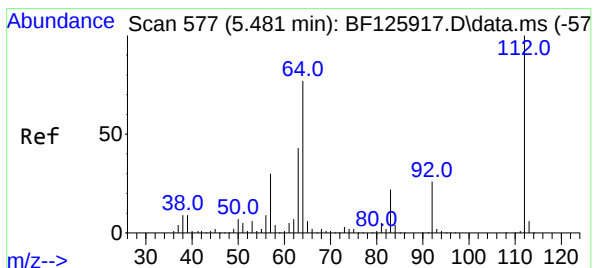
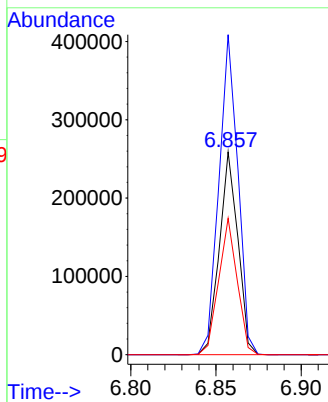
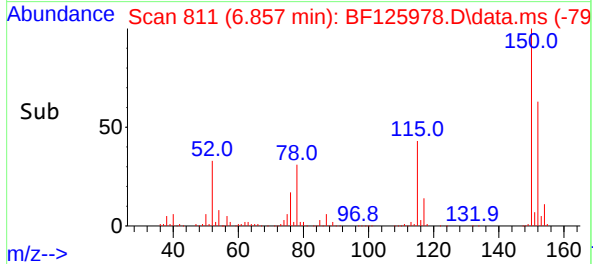




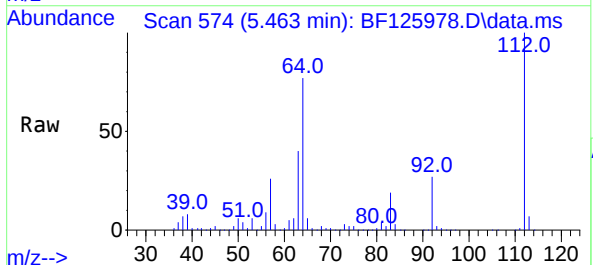
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



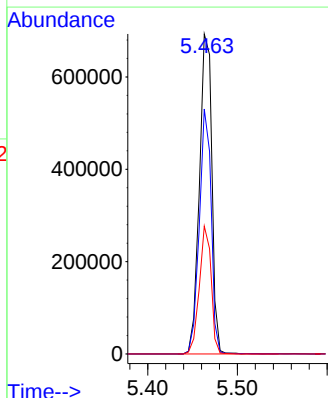
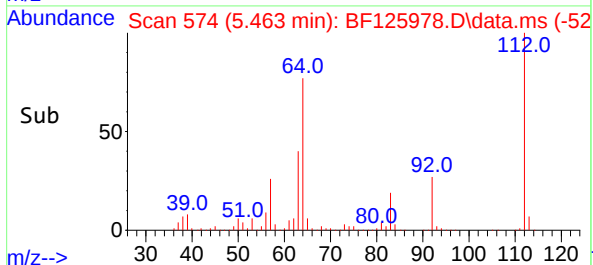
Tgt Ion:152 Resp: 196544
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 67.2 47.1 70.7



#5
2-Fluorophenol
Concen: 50.660 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



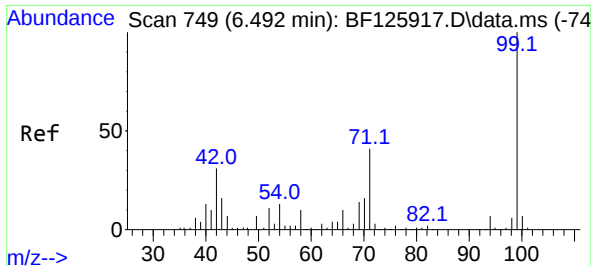
Tgt Ion:112 Resp: 668466
Ion Ratio Lower Upper
112 100
64 76.5 44.2 66.2#
63 40.0 26.2 39.2#



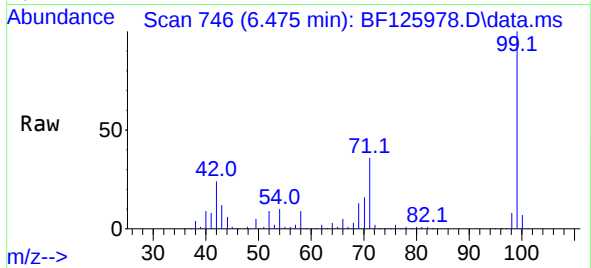
Instrument :
BNA_F
ClientSampleId :
CL-01-102521

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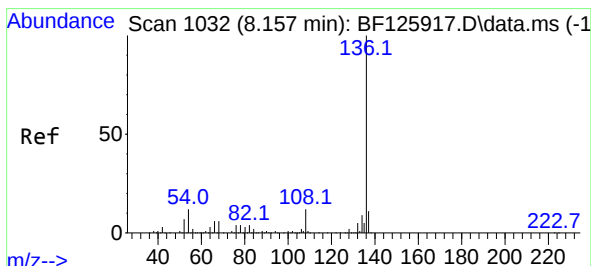
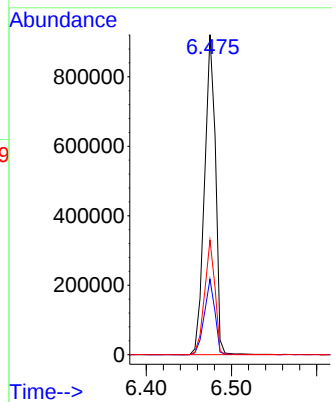
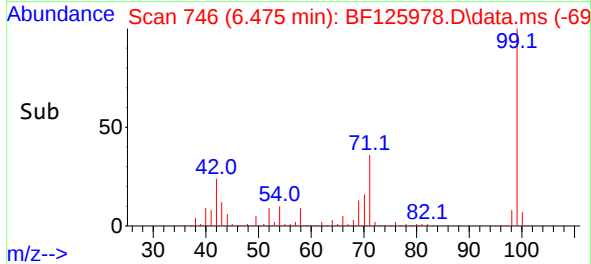
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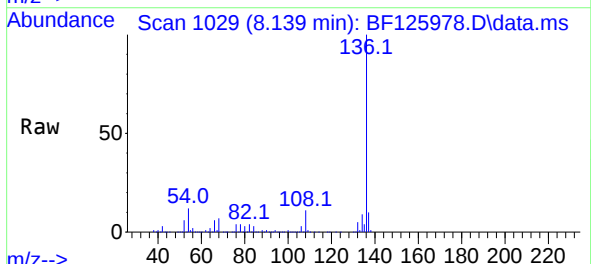
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Phenol-d6
Concen: 45.355 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



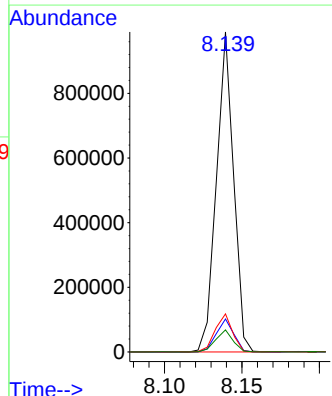
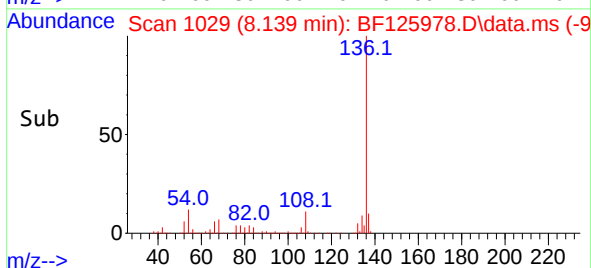
Tgt Ion: 99 Resp: 820840
Ion Ratio Lower Upper
99 100
42 23.6 23.5 35.3
71 35.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



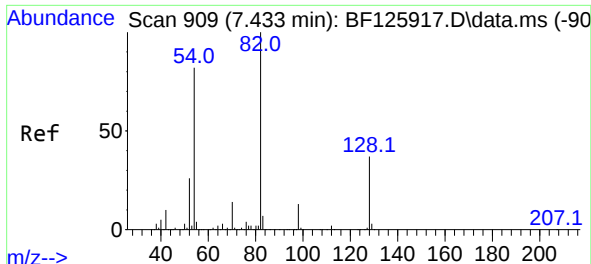
Tgt Ion: 136 Resp: 763047
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 11.9 6.4 9.6#
68 6.9 3.3 4.9#



Instrument :
BNA_F
ClientSampleId :
CL-01-102521

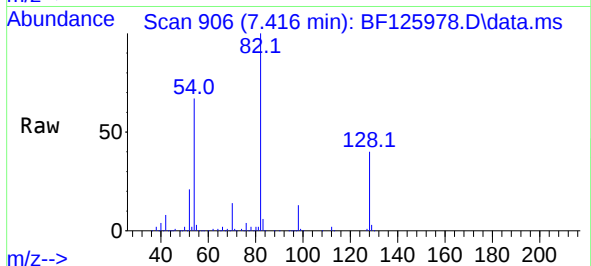
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#23
Nitrobenzene-d5
Concen: 34.560 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

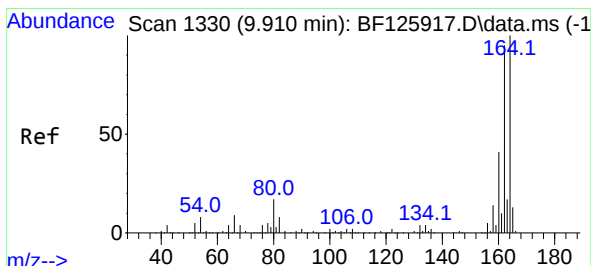
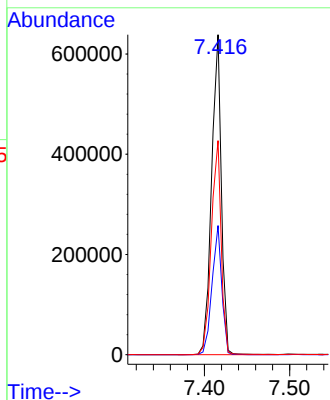
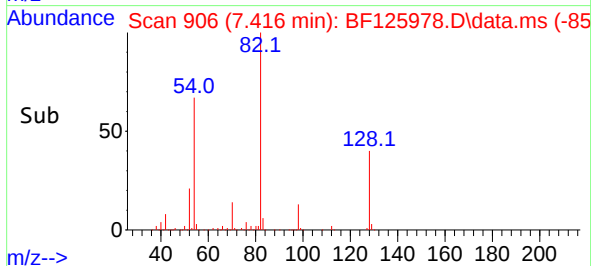
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ClientSampleId :
CL-01-102521



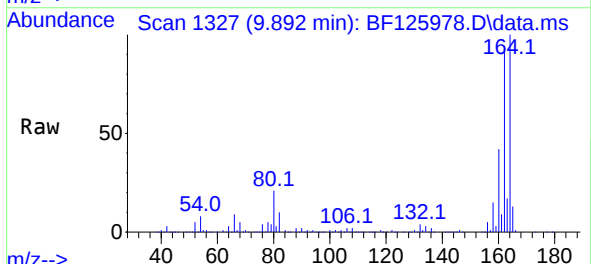
Tgt Ion: 82 Resp: 510539
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 66.9 49.6 74.4

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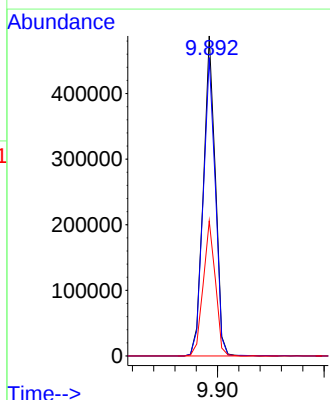
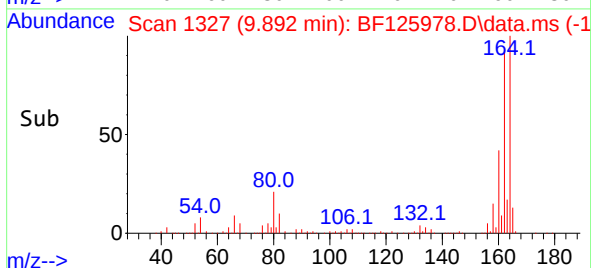
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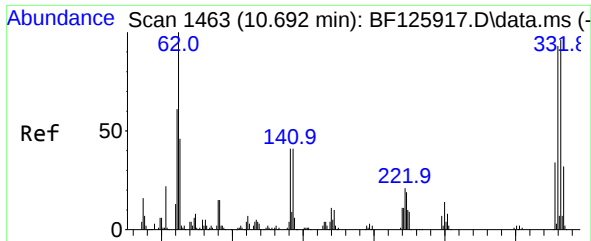


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



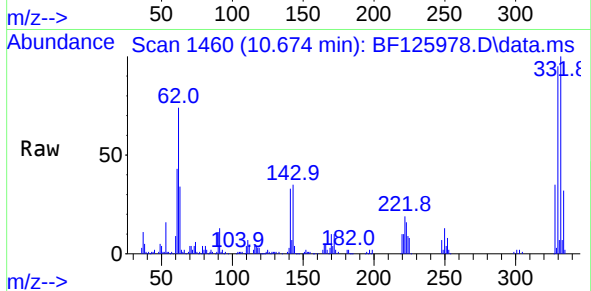
Tgt Ion: 164 Resp: 382042
Ion Ratio Lower Upper
164 100
162 93.3 81.3 121.9
160 42.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 42.150 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

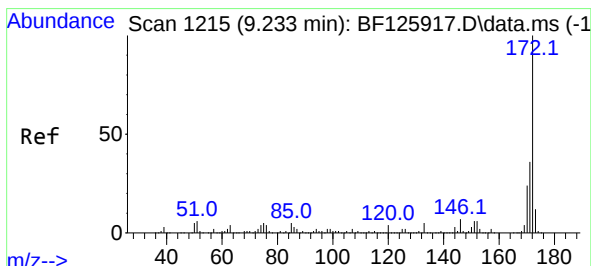
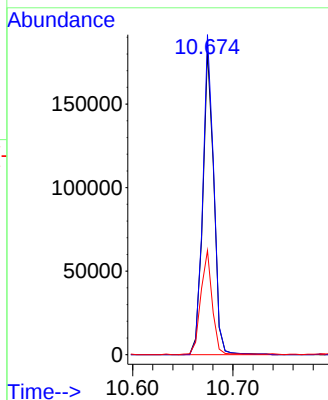
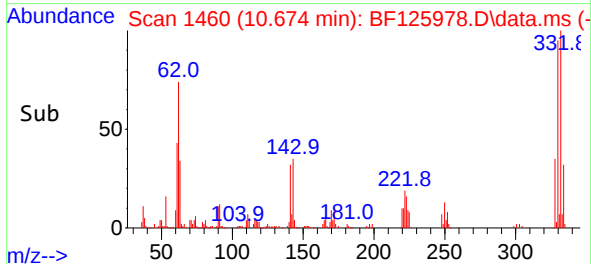
Instrument :
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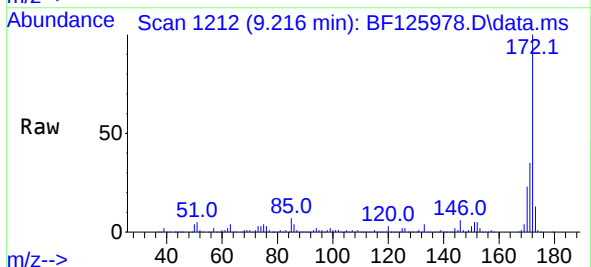
Tgt Ion:330 Resp: 140378
Ion Ratio Lower Upper
330 100
332 103.6 76.2 114.4
141 35.7 44.6 66.8#

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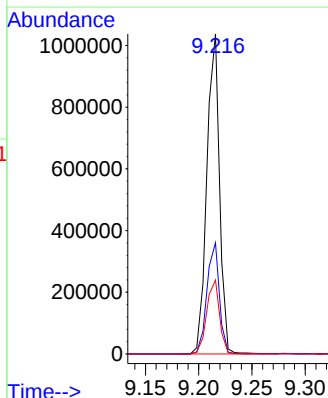
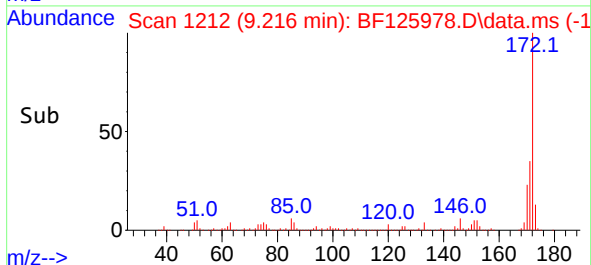
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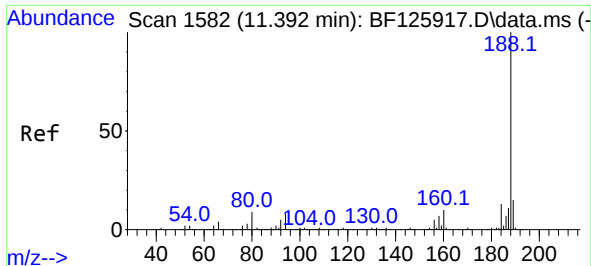


#45
2-Fluorobiphenyl
Concen: 39.874 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



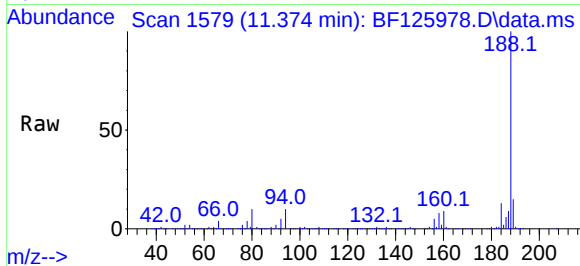
Tgt Ion:172 Resp: 861412
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.1 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

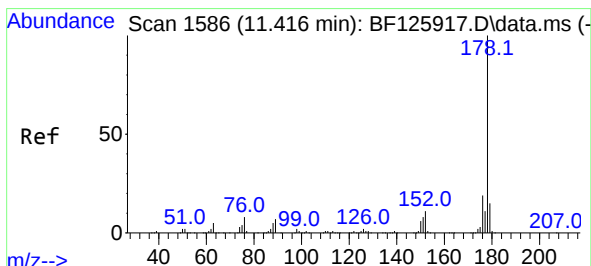
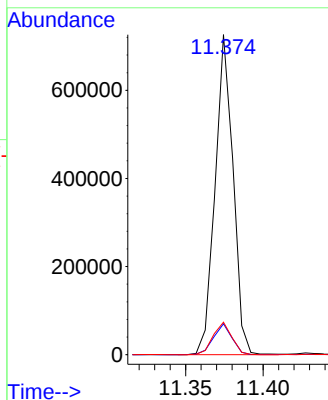
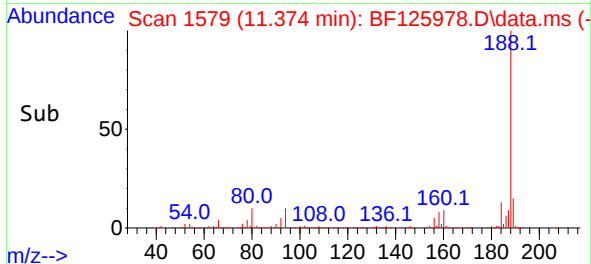
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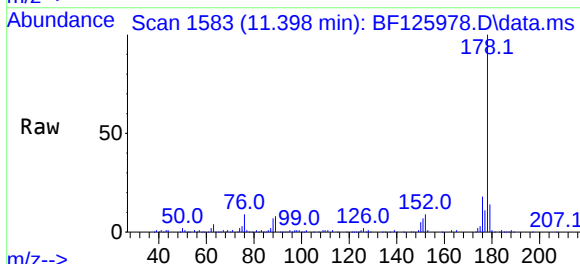
Tgt Ion:188 Resp: 585220
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.1 7.5 11.3

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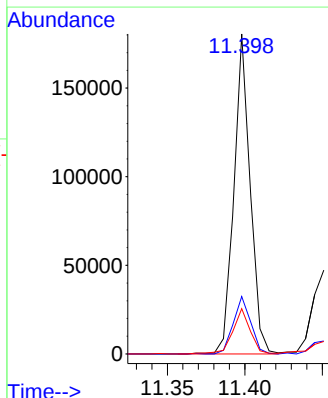
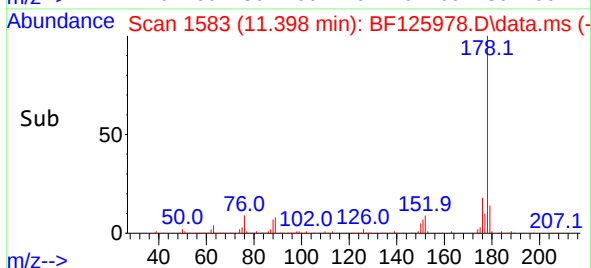
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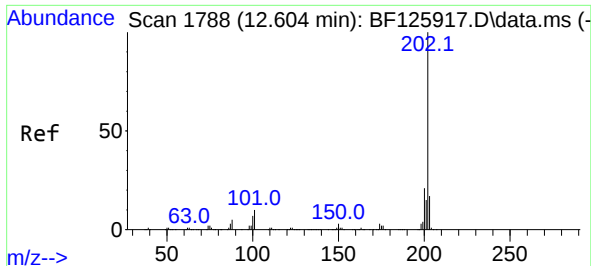


#71
Phenanthrene
Concen: 4.338 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



Tgt Ion:178 Resp: 131720
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 14.1 11.5 17.3





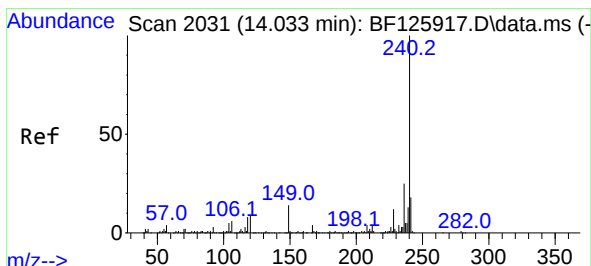
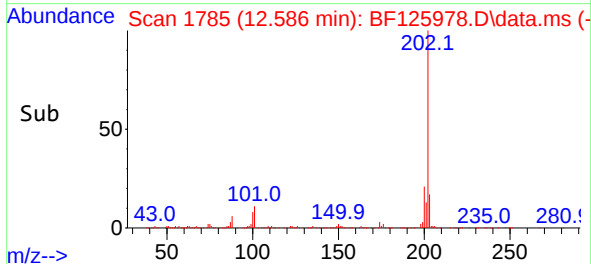
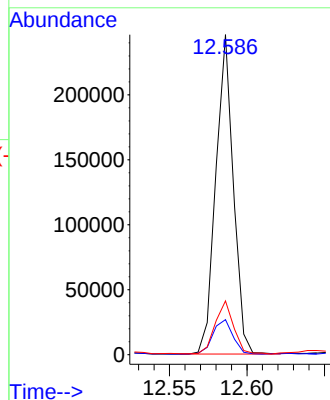
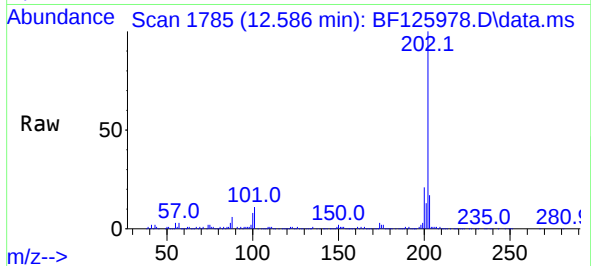
#75
Fluoranthene
Concen: 6.328 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

Tgt Ion:202 Resp: 193727
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 16.8 0.0 36.3

Instrument :
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ClientSampleId :
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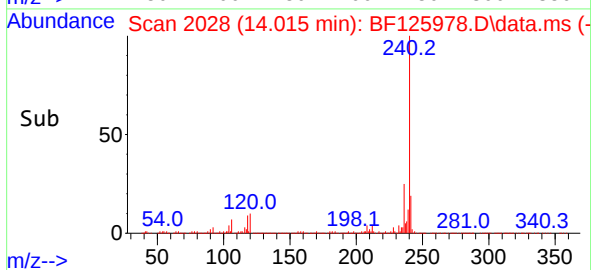
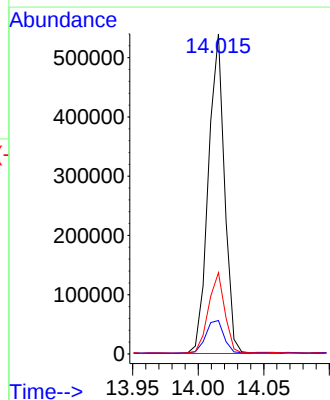
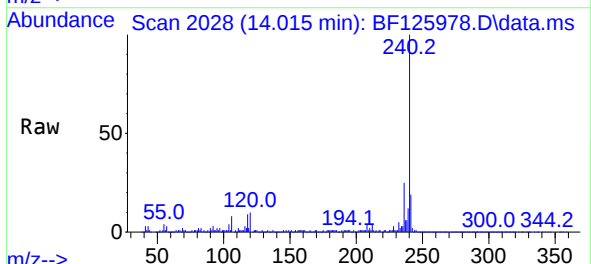
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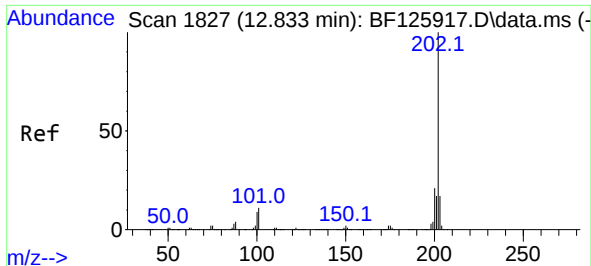
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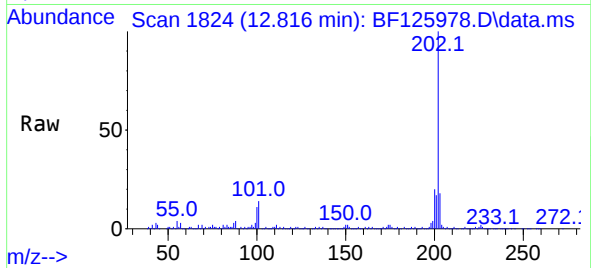
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

Tgt Ion:240 Resp: 463206
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.4 21.6 32.4

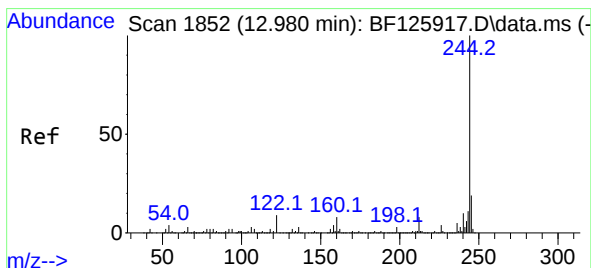
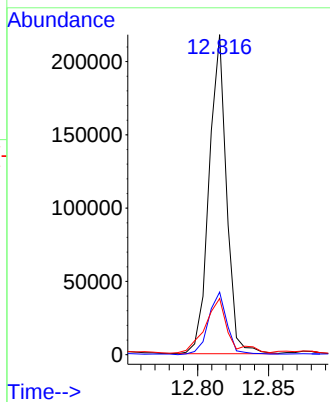
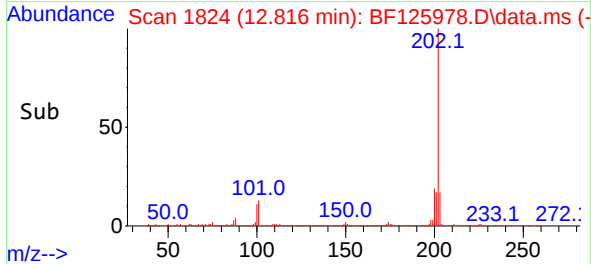




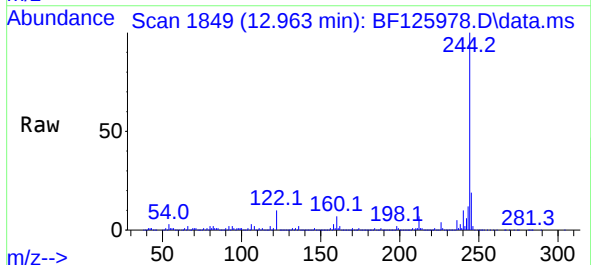
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Pyrene
Concen: 4.310 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



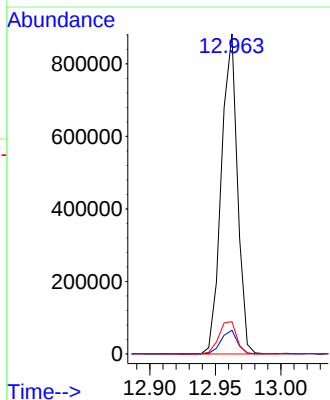
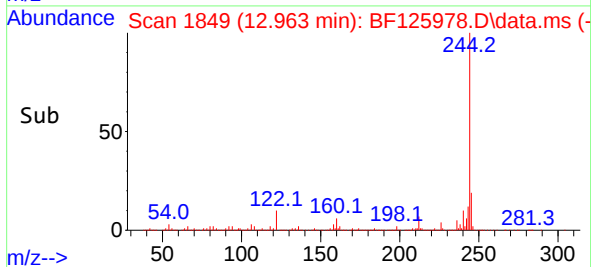
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Ion Ratio Lower Upper
202 100
200 19.6 15.3 22.9
203 17.5 13.4 20.0



#79
Terphenyl-d14
Concen: 26.555 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



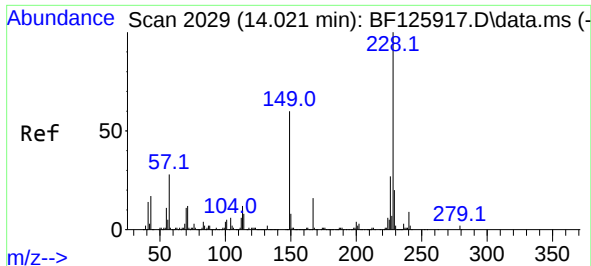
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Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.1 9.0 13.4



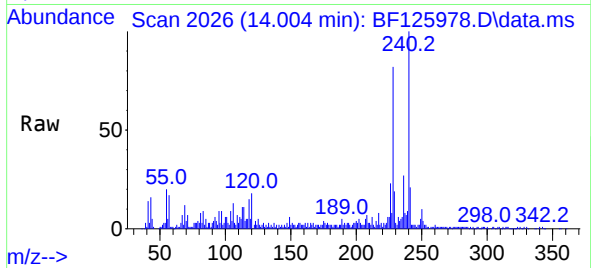
Instrument :
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ClientSampleId :
CL-01-102521

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#81
Benzo(a)anthracene
Concen: 2.710 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

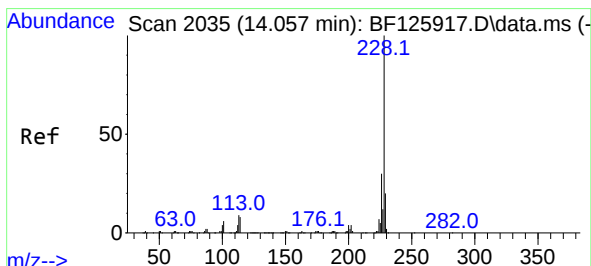
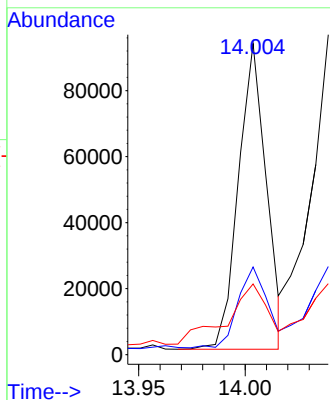
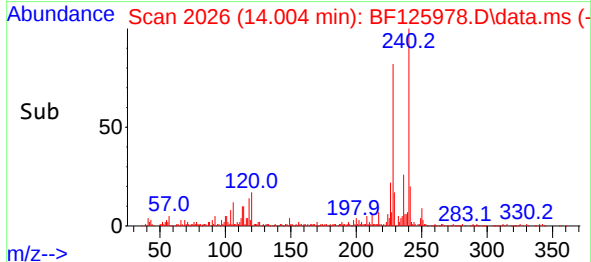


Tgt Ion:228 Resp: 84501
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 22.7 15.6 23.4

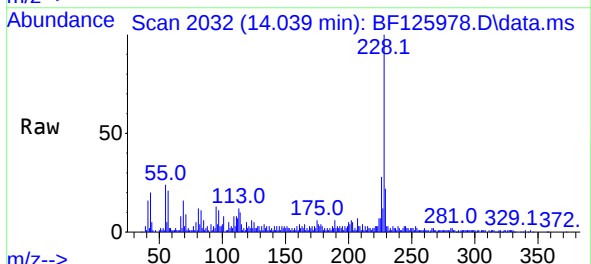
Instrument :
BNA_F
ClientSampleId :
CL-01-102521

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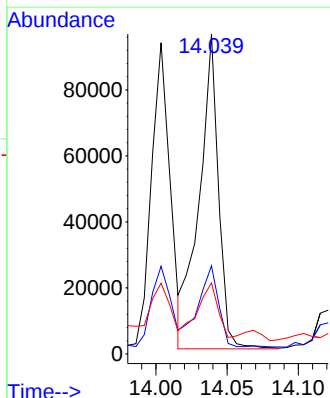
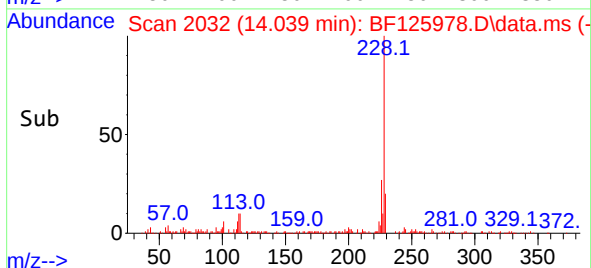
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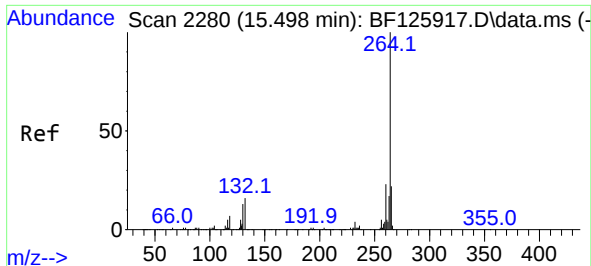


#83
Chrysene
Concen: 2.867 ng m
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



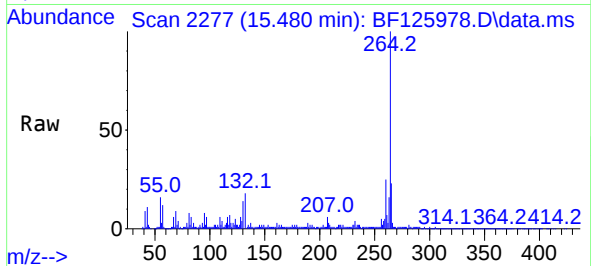
Tgt Ion:228 Resp: 90430
Ion Ratio Lower Upper
228 100
226 27.6 22.6 34.0
229 22.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

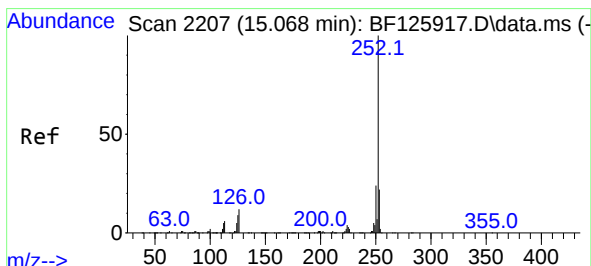
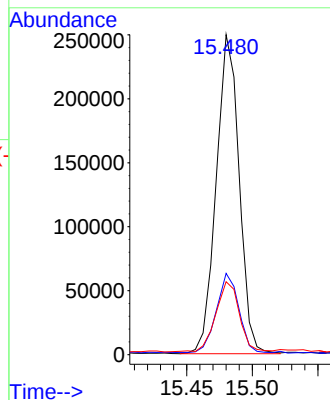
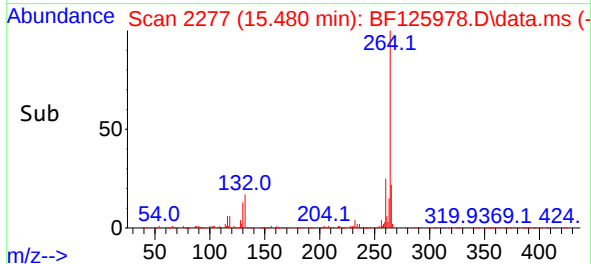
Instrument :
BNA_F
ClientSampleId :
CL-01-102521



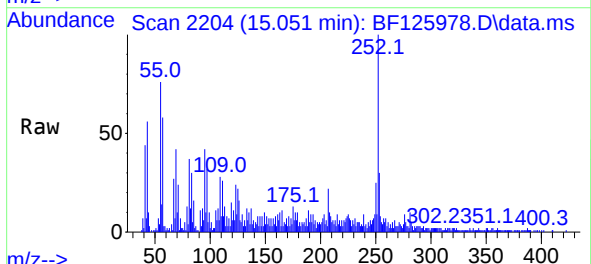
Tgt Ion:264 Resp: 302471
Ion Ratio Lower Upper
264 100
260 25.4 19.6 29.4
265 22.8 17.2 25.8

Manual Integrations
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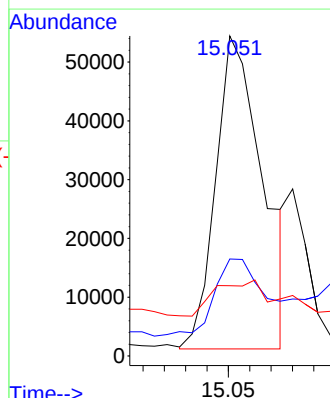
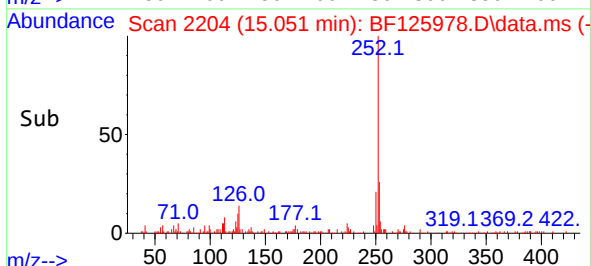
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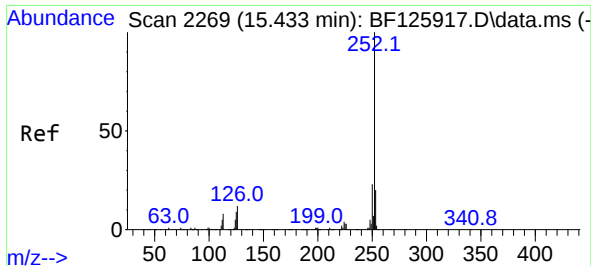


#88
Benzo(b)fluoranthene
Concen: 4.075 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02



Tgt Ion:252 Resp: 81353
Ion Ratio Lower Upper
252 100
253 30.3 16.8 25.2#
125 21.9 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.236 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF125978.D
Acq: 27 Oct 2021 23:02

Tgt Ion: 252 Resp: 52161
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 24.3 9.9 14.9#

Instrument :
BNA_F
ClientSampleId :
CL-01-102521

Manual Integrations
APPROVED

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