

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125995.D
 Acq On : 28 Oct 2021 18:29
 Operator : JU/CG
 Sample : M4336-04DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3DL

Manual Integrations
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Quant Time: Oct 29 10:41:47 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	6.857	152	176785	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	678647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	346634	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	584210	20.000	ng	0.00
76) Chrysene-d12	14.021	240	352176	20.000	ng	0.00
86) Perylene-d12	15.486	264	291358	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	615731	51.879	ng	0.00
7) Phenol-d6	6.481	99	778393	47.817	ng	0.00
23) Nitrobenzene-d5	7.416	82	480845	36.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	155938	51.605	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	804284	41.032	ng	0.00
79) Terphenyl-d14	12.968	244	760402	35.318	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	681984	22.497	ng	98
72) Anthracene	11.451	178	185430	6.127	ng	99
75) Fluoranthene	12.598	202	1386656	45.376	ng	98
78) Pyrene	12.833	202	2569277	78.394	ng	95
81) Benzo(a)anthracene	14.010	228	1010297	42.623	ng	98
83) Chrysene	14.045	228	898022	37.446	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	244504m	11.649	ng	
88) Benzo(b)fluoranthene	15.062	252	685995m	35.671	ng	
89) Benzo(k)fluoranthene	15.086	252	192853m	10.440	ng	
90) Benzo(a)pyrene	15.427	252	502351	32.357	ng	97
91) Dibenzo(a,h)anthracene	16.956	278	79640	4.684	ng	95
92) Benzo(g,h,i)perylene	17.386	276	232767	13.102	ng	# 88

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

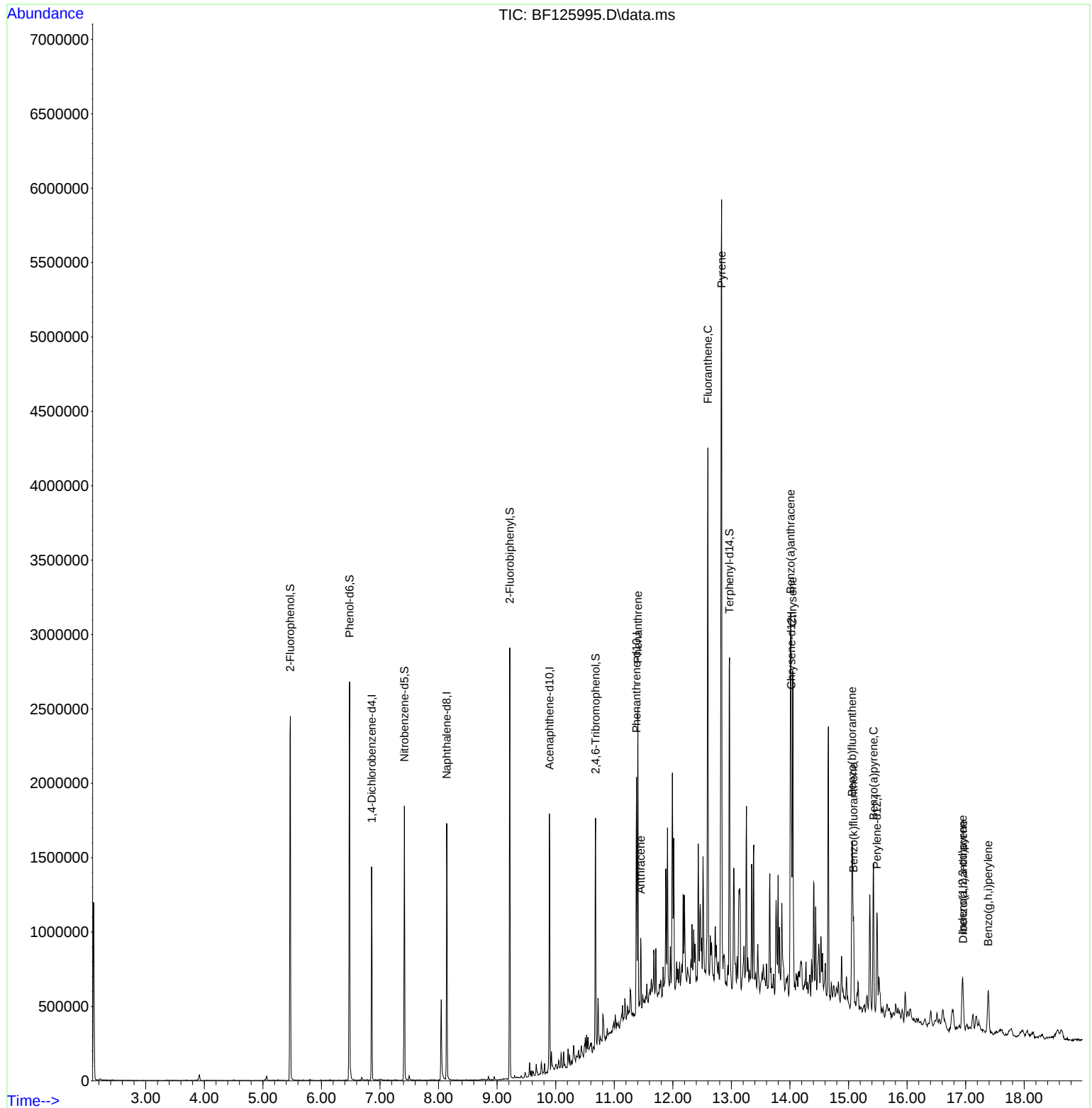
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125995.D
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ALS Vial : 17 Sample Multiplier: 1

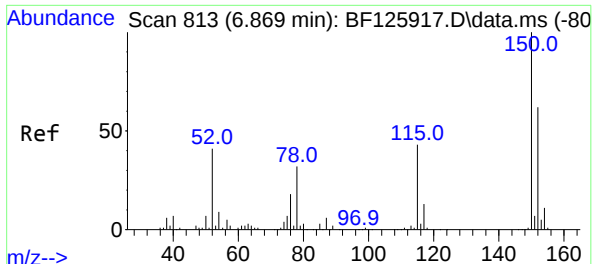
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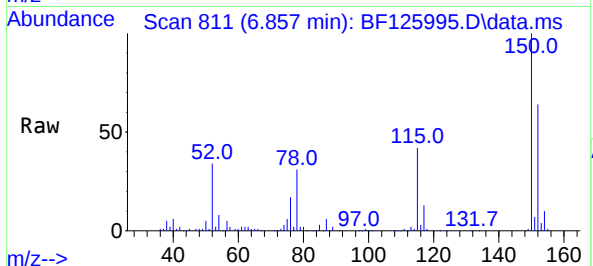
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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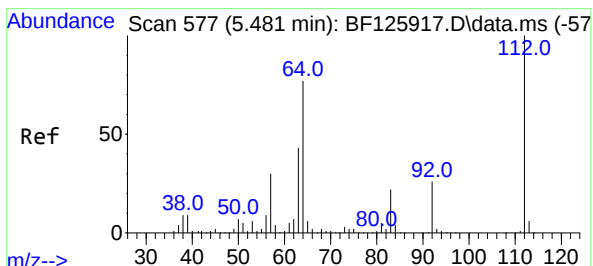
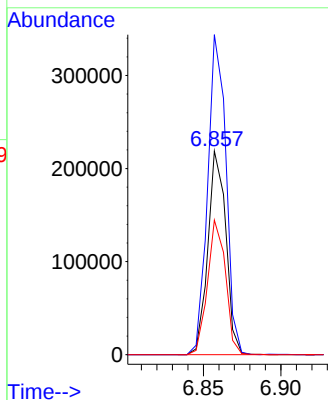
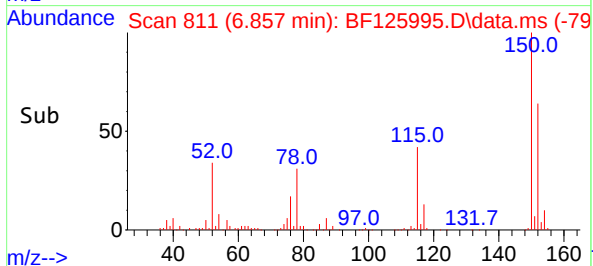




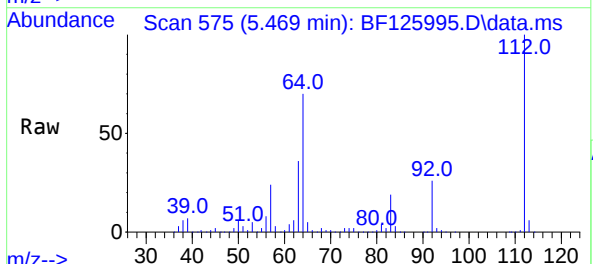
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29



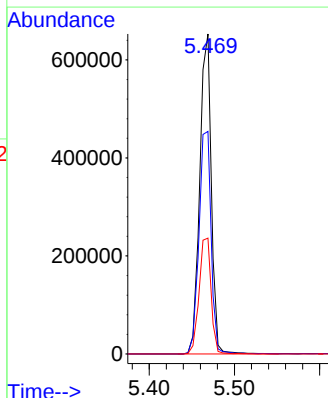
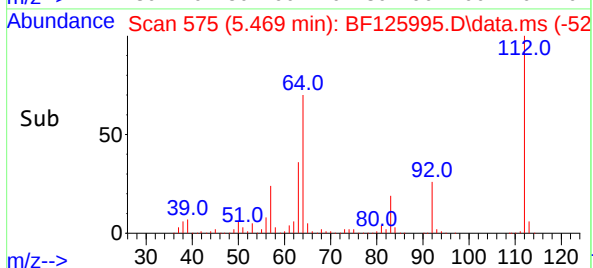
Tgt Ion:152 Resp: 176785
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 66.1 47.1 70.7



#5
2-Fluorophenol
Concen: 51.879 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29



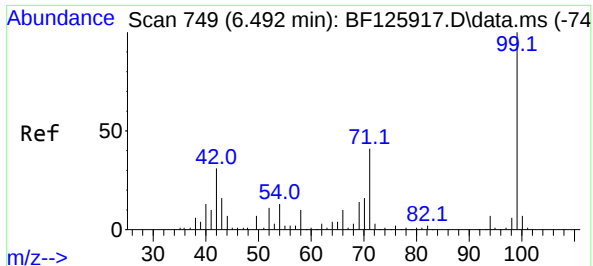
Tgt Ion:112 Resp: 615731
Ion Ratio Lower Upper
112 100
64 69.5 44.2 66.2#
63 36.2 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
C3DL

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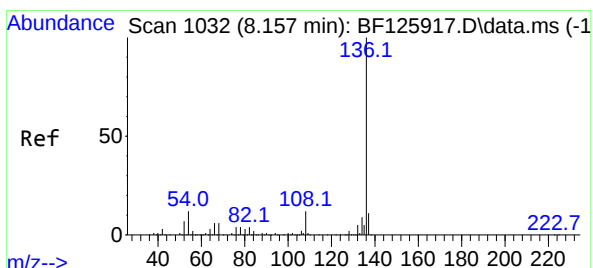
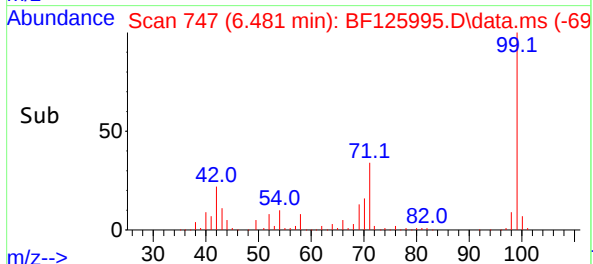
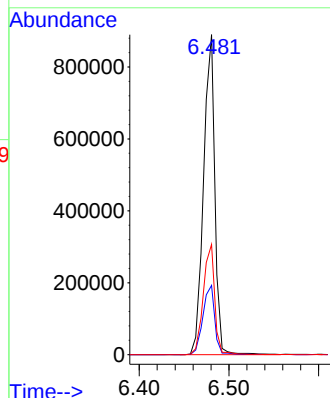
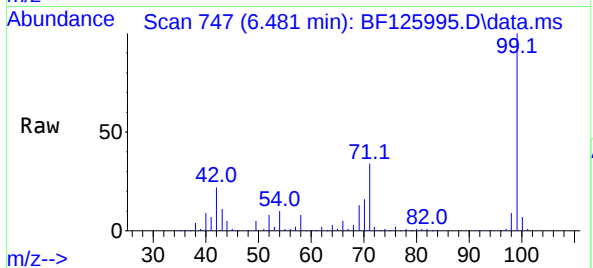
#7
Phenol-d6
Concen: 47.817 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion: 99 Resp: 778393
Ion Ratio Lower Upper
99 100
42 21.6 23.5 35.3#
71 34.4 25.6 38.4

Instrument :
BNA_F
ClientSampled :
C3DL

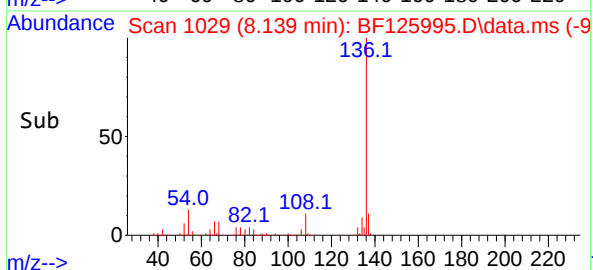
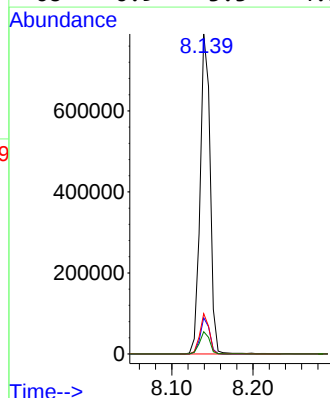
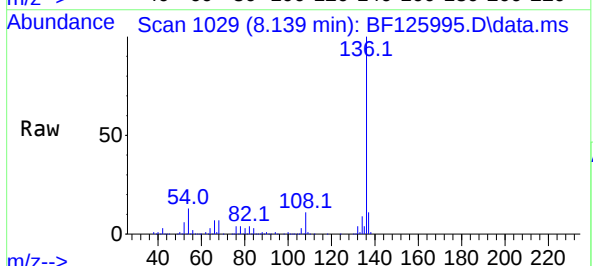
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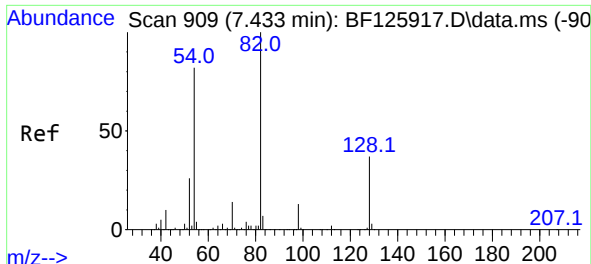
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

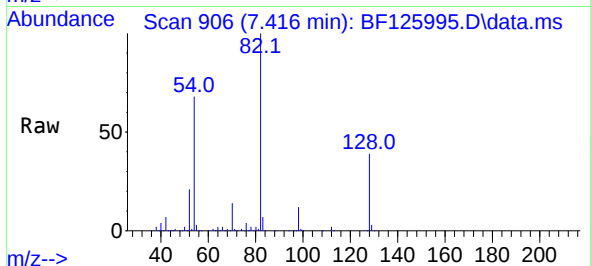
Tgt Ion: 136 Resp: 678647
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 12.6 6.4 9.6#
68 6.9 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 36.598 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

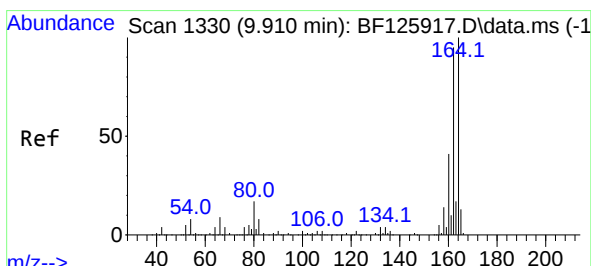
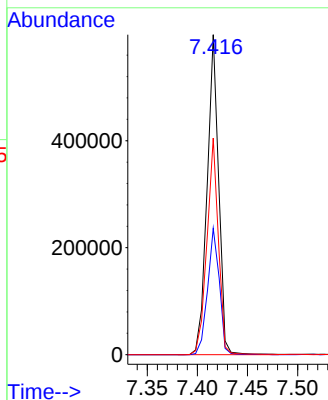
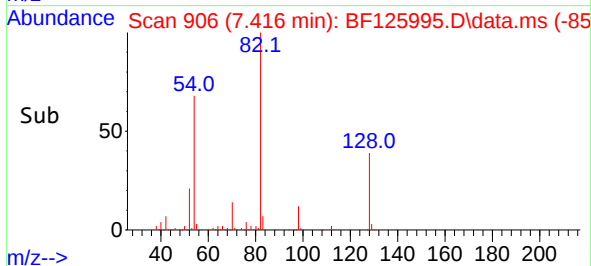
Instrument :
BNA_F
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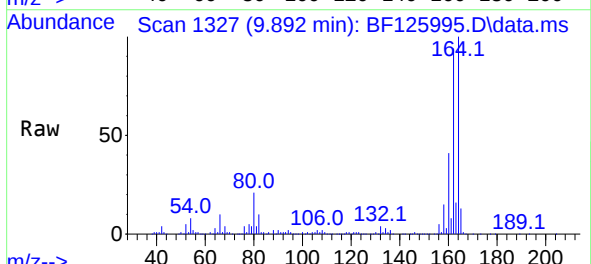
Tgt Ion: 82 Resp: 480845
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 67.7 49.6 74.4

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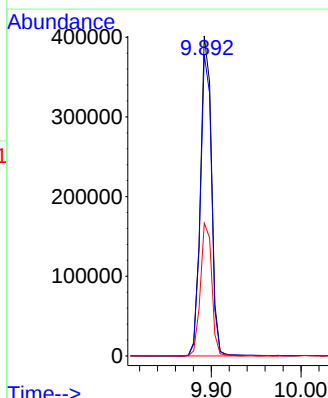
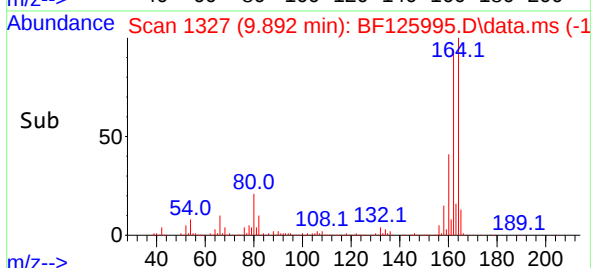
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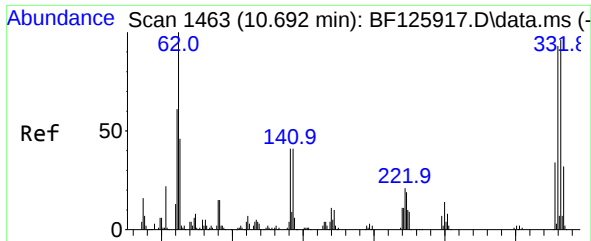


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29



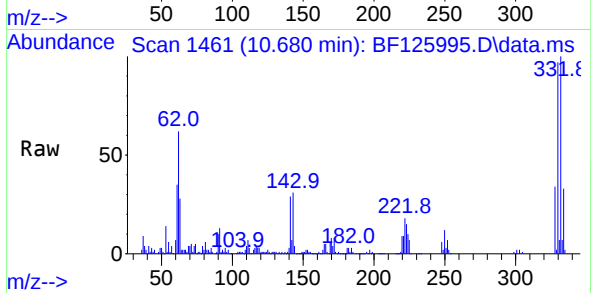
Tgt Ion: 164 Resp: 346634
Ion Ratio Lower Upper
164 100
162 94.2 81.3 121.9
160 41.5 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 51.605 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

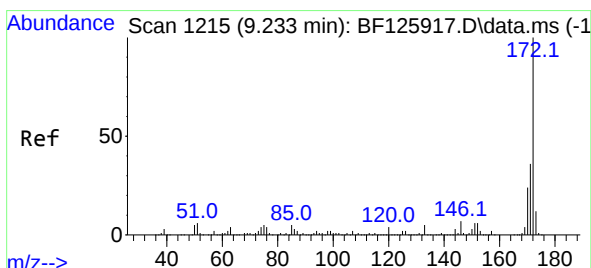
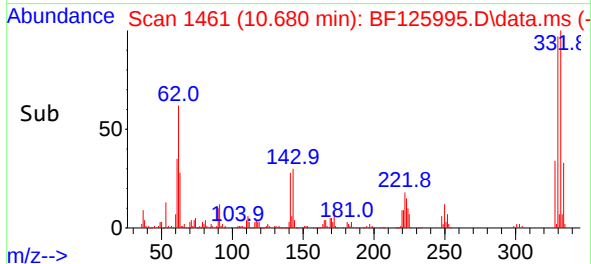
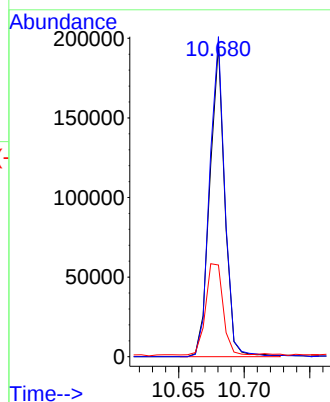
Instrument :
BNA_F
ClientSampled :
C3DL



Tgt Ion: 330 Resp: 155938
Ion Ratio Lower Upper
330 100
332 103.6 76.2 114.4
141 33.8 44.6 66.8#

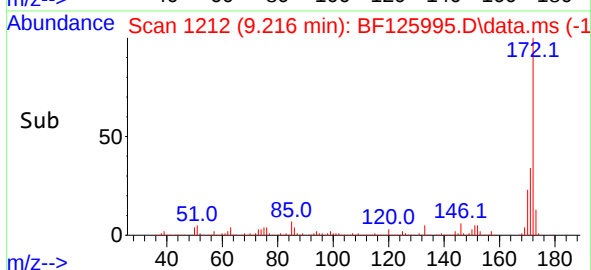
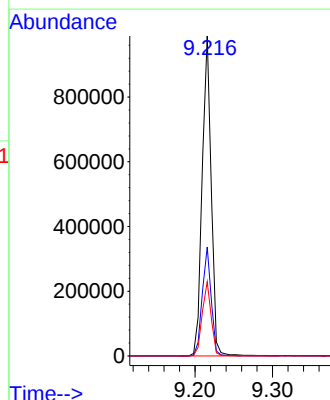
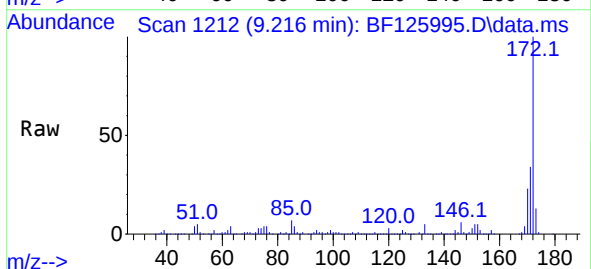
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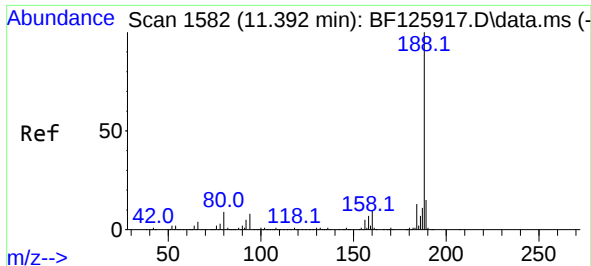
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#45
2-Fluorobiphenyl
Concen: 41.032 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion: 172 Resp: 804284
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.2 18.8 28.2





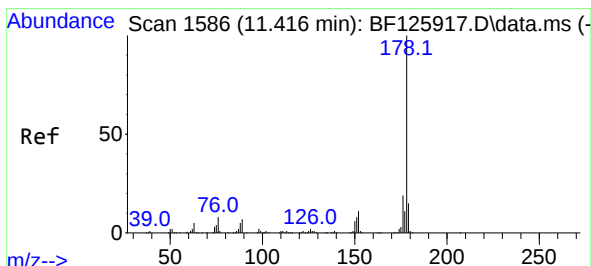
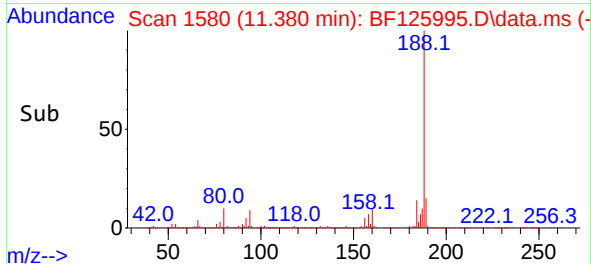
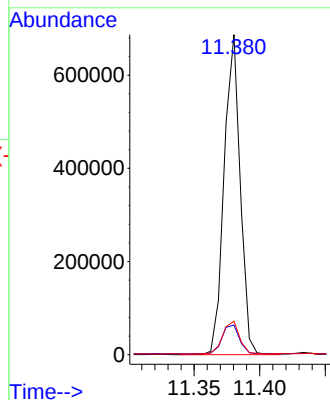
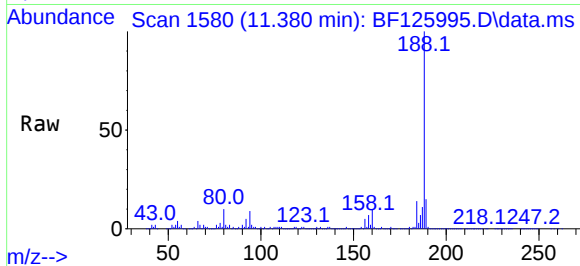
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:188 Resp: 584210
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.5 7.5 11.3

Instrument :
BNA_F
ClientSampled :
C3DL

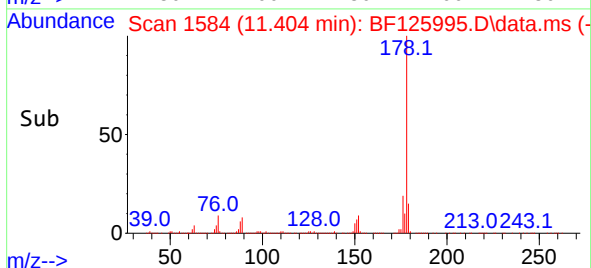
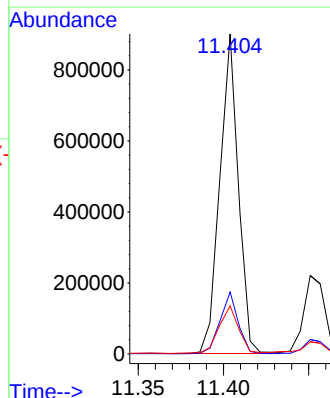
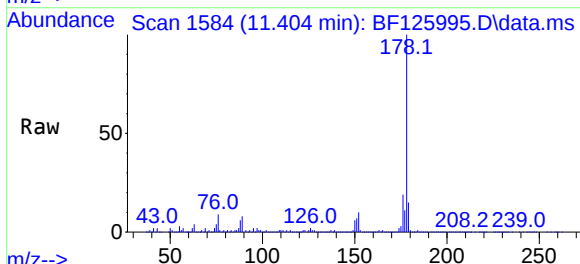
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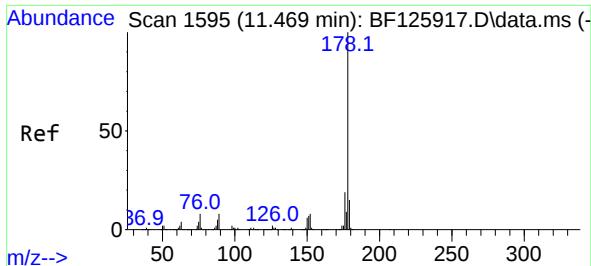
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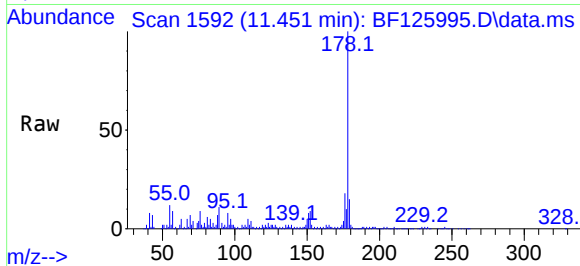
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Phenanthrene
Concen: 22.497 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:178 Resp: 681984
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.0 11.5 17.3

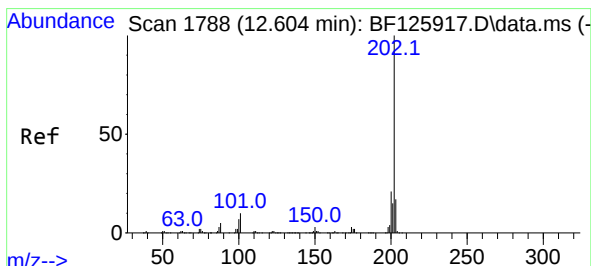
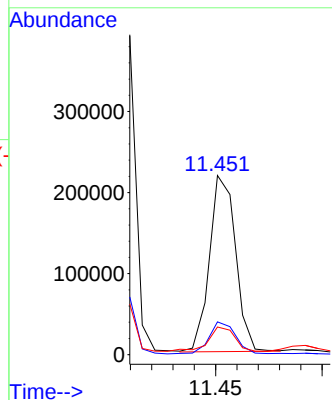
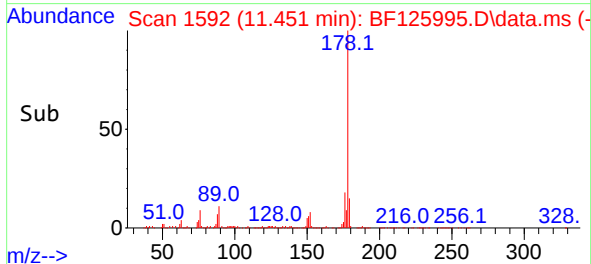




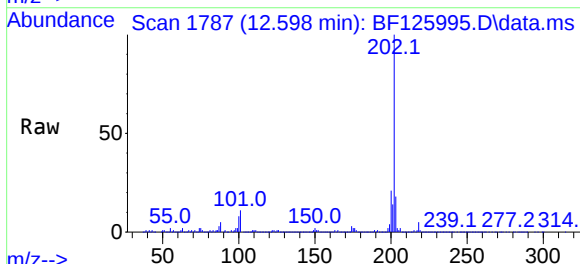
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 Anthracene
 Concen: 6.127 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.006 min
 Lab File: BF125995.D
 Acq: 28 Oct 2021 18:29



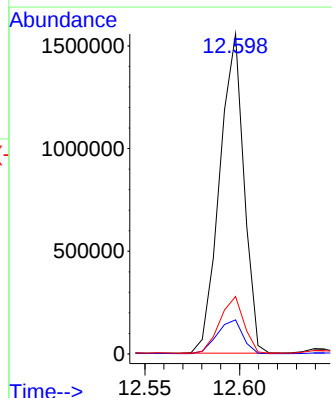
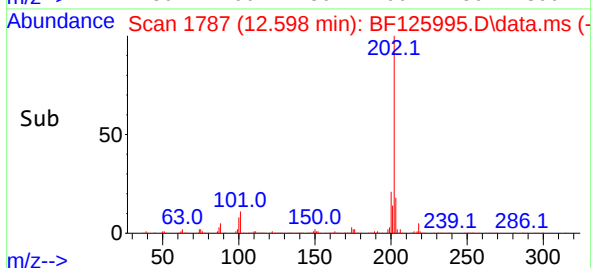
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 Ion Ratio Lower Upper
 178 100
 176 18.3 14.3 21.5
 179 15.4 12.2 18.4



#75
 Fluoranthene
 Concen: 45.376 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. 0.006 min
 Lab File: BF125995.D
 Acq: 28 Oct 2021 18:29



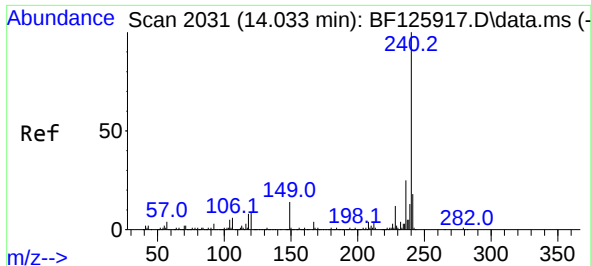
Tgt Ion:202 Resp: 1386656
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.7
 203 17.9 0.0 36.3



Instrument :
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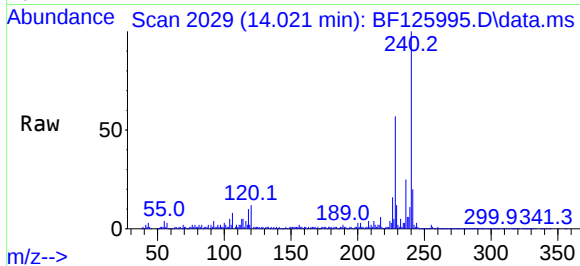
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

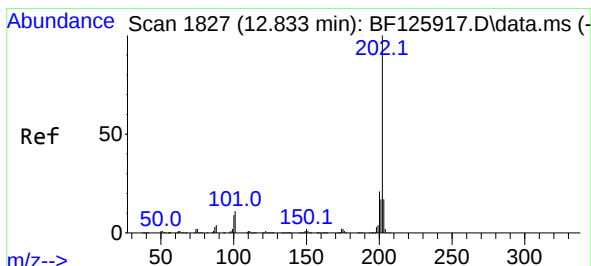
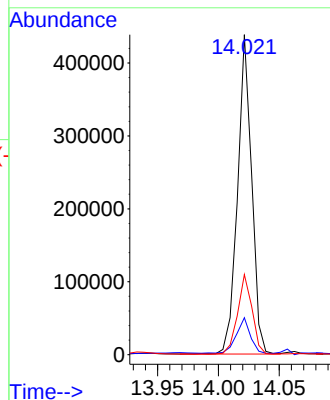
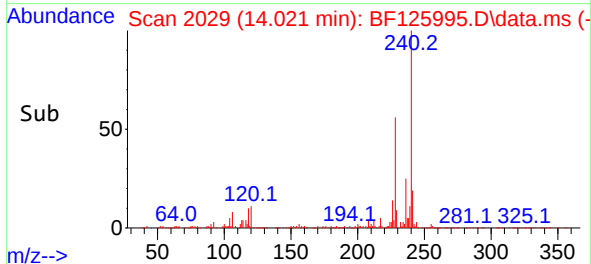
Instrument :
BNA_F
ClientSampled :
C3DL



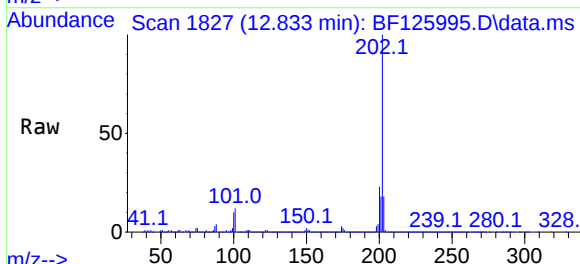
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Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4

Manual Integrations
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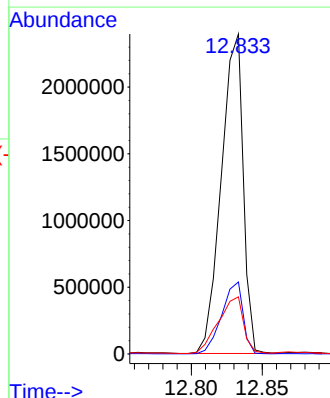
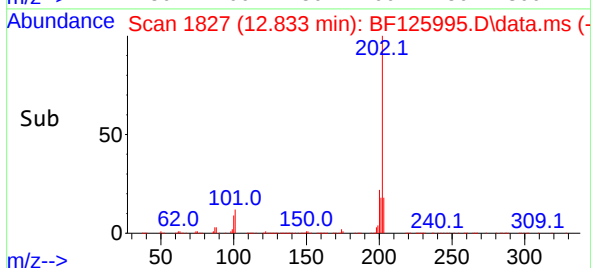
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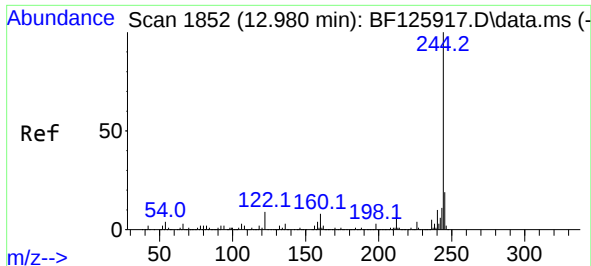


#78
Pyrene
Concen: 78.394 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29



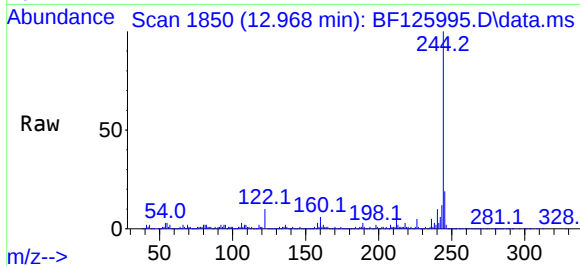
Tgt Ion:202 Resp: 2569277
Ion Ratio Lower Upper
202 100
200 22.5 15.3 22.9
203 17.8 13.4 20.0





#79
Terphenyl-d14
Concen: 35.318 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

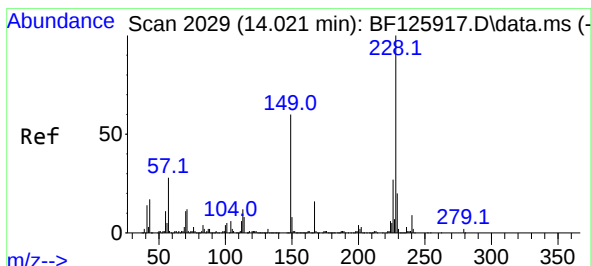
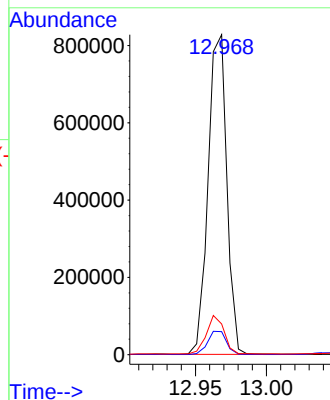
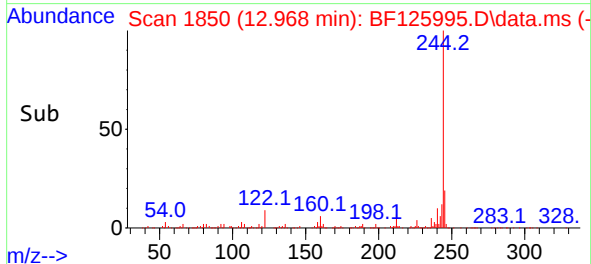
Instrument :
BNA_F
ClientSampled :
C3DL



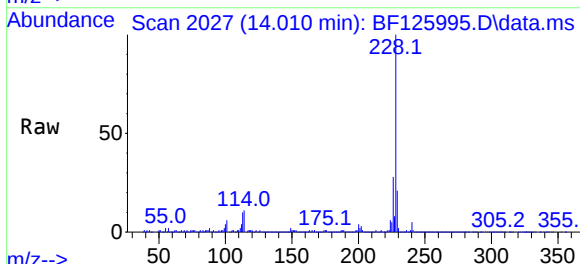
Tgt Ion:244 Resp: 760402
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.6 9.0 13.4

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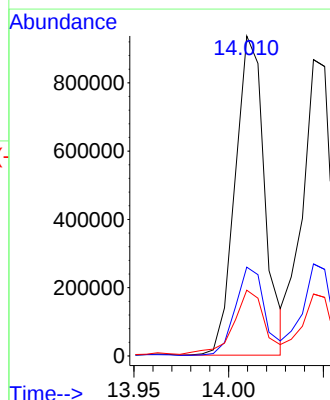
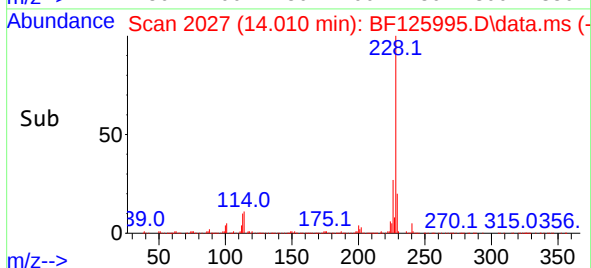
mohammad
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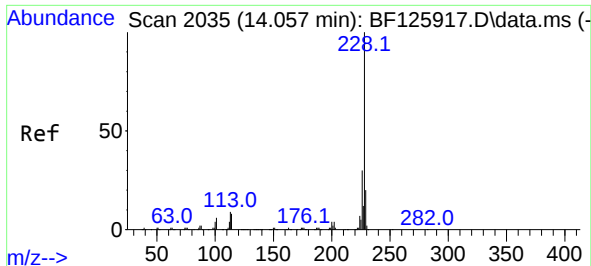


#81
Benzo(a)anthracene
Concen: 42.623 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29



Tgt Ion:228 Resp: 1010297
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.6 15.6 23.4





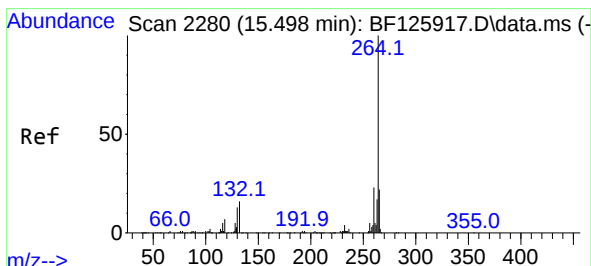
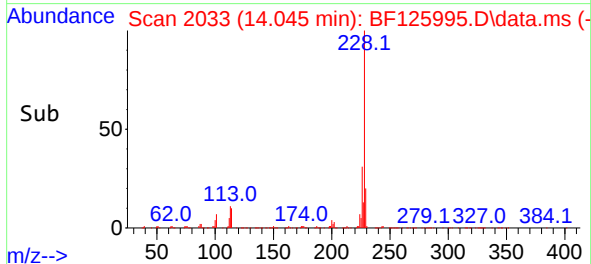
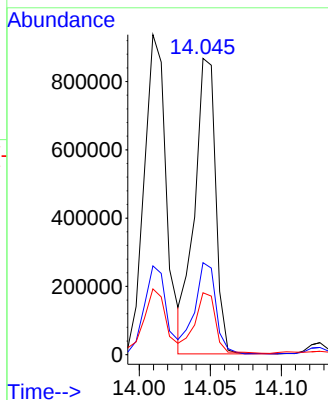
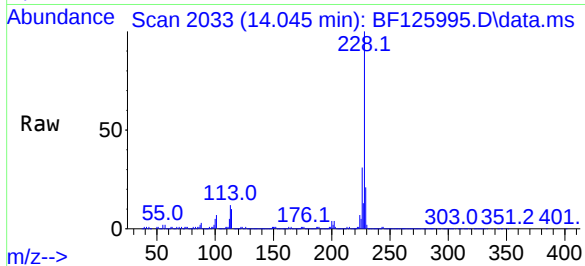
#83
Chrysene
Concen: 37.446 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:228 Resp: 898022
Ion Ratio Lower Upper
228 100
226 31.0 22.6 34.0
229 20.9 15.9 23.9

Instrument :
BNA_F
ClientSampled :
C3DL

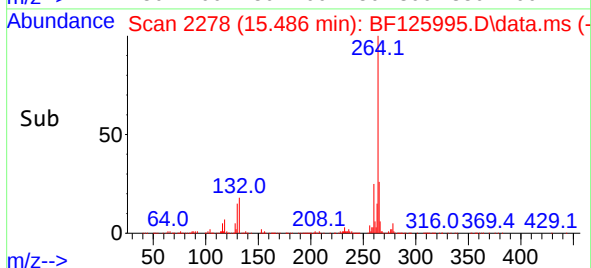
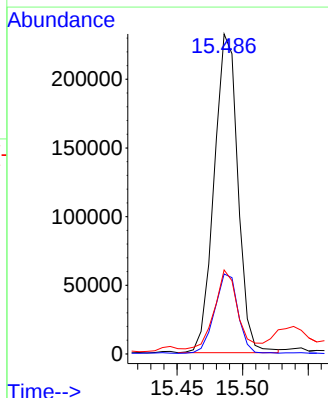
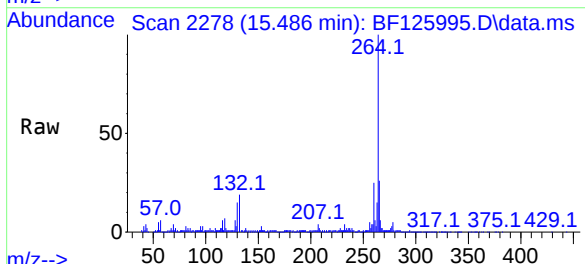
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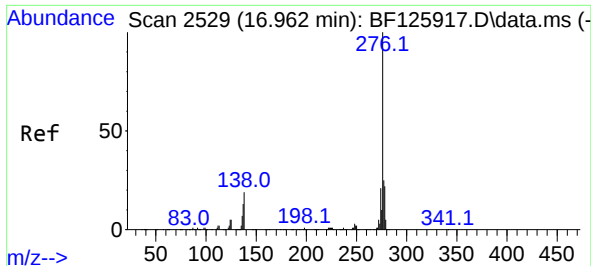
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:264 Resp: 291358
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 26.3 17.2 25.8#





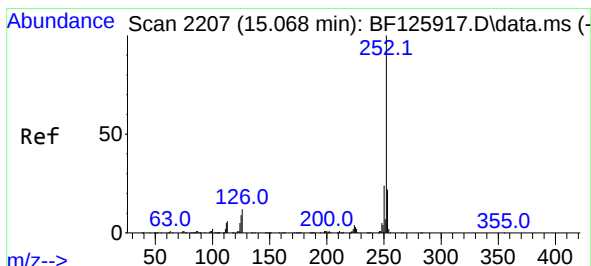
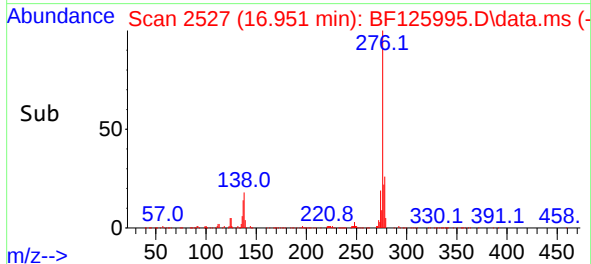
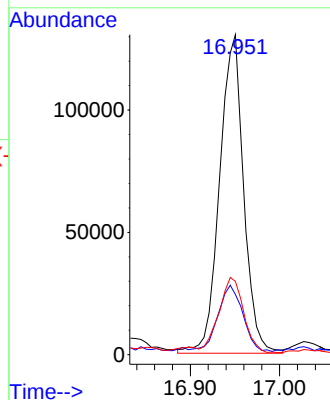
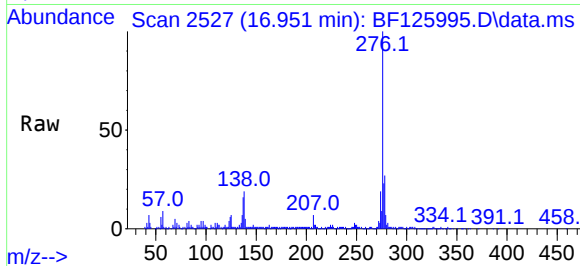
#87
Indeno(1,2,3-cd)pyrene
Concen: 11.649 ng m
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion: 276 Resp: 244504
Ion Ratio Lower Upper
276 100
138 6.4 24.1 36.1#
277 5.8 18.8 28.2#

Instrument :
BNA_F
ClientSampled :
C3DL

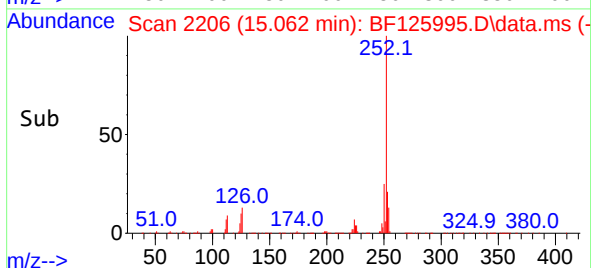
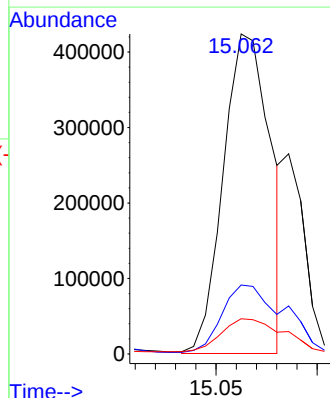
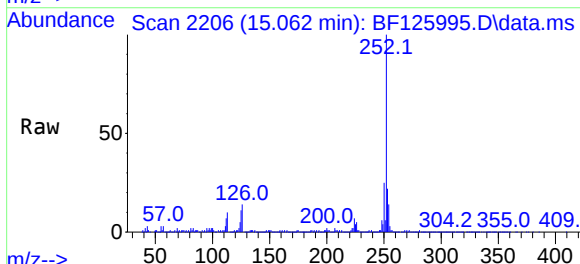
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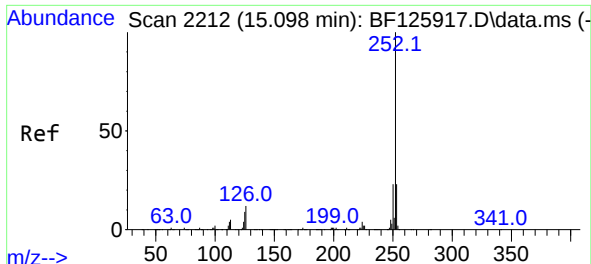
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#88
Benzo(b)fluoranthene
Concen: 35.671 ng m
RT: 15.062 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion: 252 Resp: 685995
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 11.0 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 10.440 ng m

RT: 15.086 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF125995.D

Acq: 28 Oct 2021 18:29

Tgt Ion:	252	Resp:	192853
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	11.2	7.2	10.8#

Instrument :

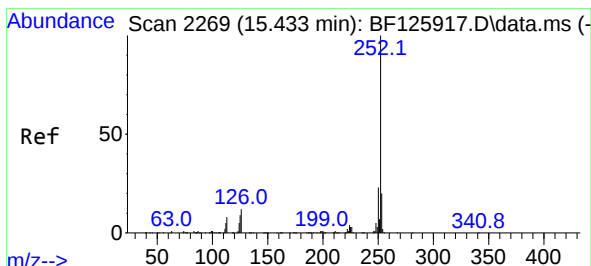
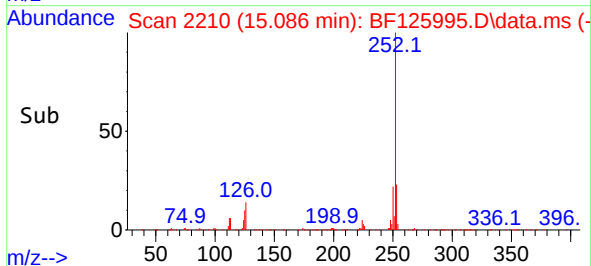
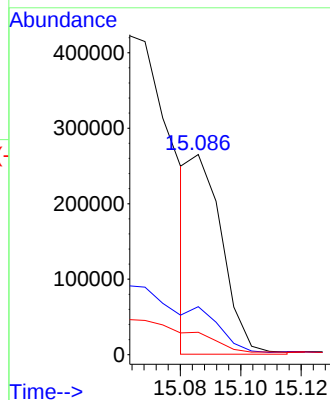
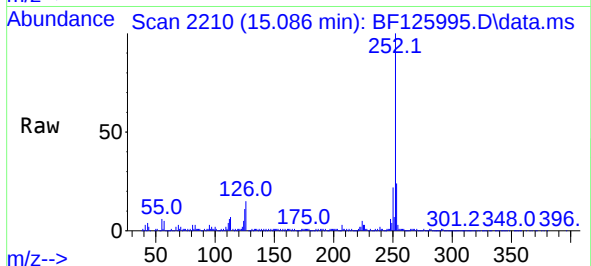
BNA_F

ClientSampled :

C3DL

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#90

Benzo(a)pyrene

Concen: 32.357 ng

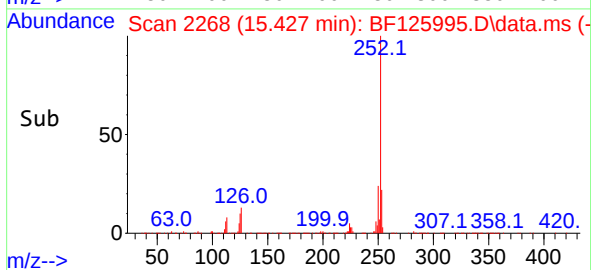
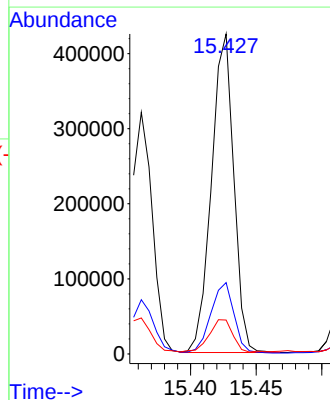
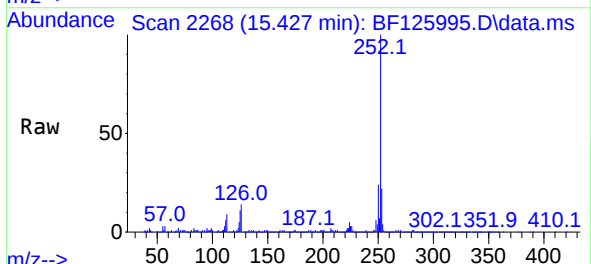
RT: 15.427 min Scan# 2268

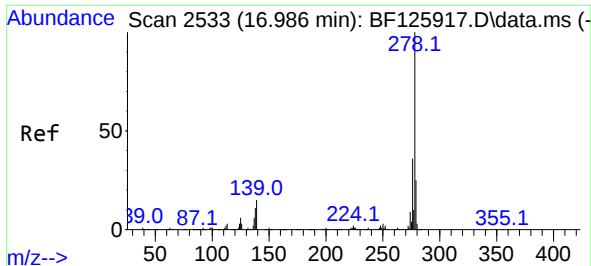
Delta R.T. 0.006 min

Lab File: BF125995.D

Acq: 28 Oct 2021 18:29

Tgt Ion:	252	Resp:	502351
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	10.6	9.9	14.9





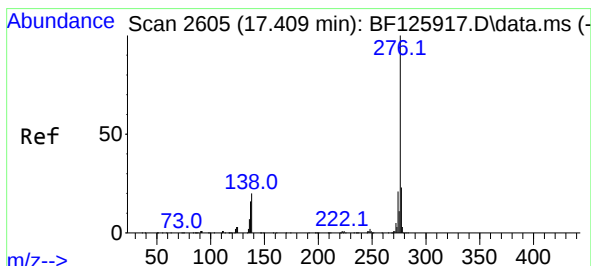
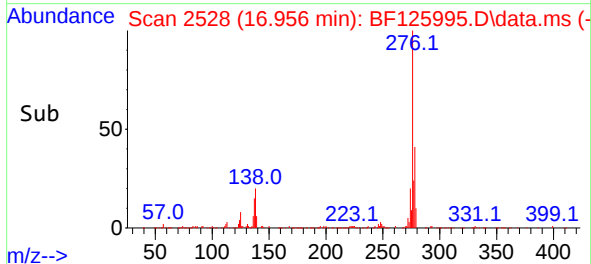
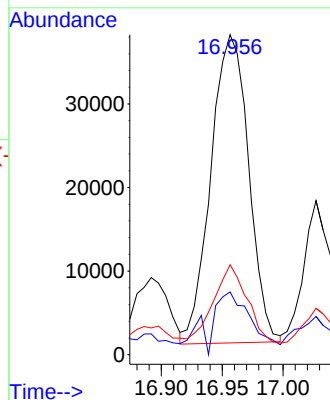
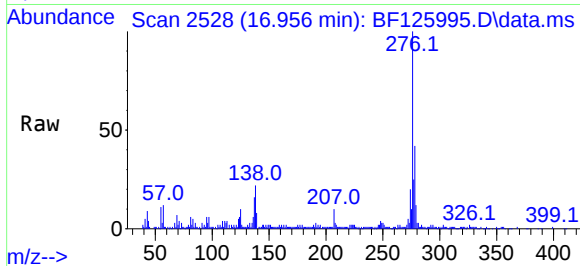
#91
Dibenzo(a,h)anthracene
Concen: 4.684 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.006 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:	278	Resp:	79640
Ion Ratio	Lower	Upper	
278	100		
139	19.6	14.9	22.3
279	28.1	19.7	29.5

Instrument :
BNA_F
ClientSampled :
C3DL

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 13.102 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF125995.D
Acq: 28 Oct 2021 18:29

Tgt Ion:	276	Resp:	232767
Ion Ratio	Lower	Upper	
276	100		
277	22.4	22.0	33.0
138	20.5	22.2	33.4#

