

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125949.D
 Acq On : 26 Oct 2021 23:19
 Operator : JU/CG
 Sample : M4336-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2

Manual Integrations
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Quant Time: Oct 27 09:04:51 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	6.869	152	165680	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	648172	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	338080	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	512460	20.000	ng	0.00
76) Chrysene-d12	14.021	240	335069	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	390394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	899105	80.833	ng	0.00
7) Phenol-d6	6.486	99	1132806	74.253	ng	0.00
23) Nitrobenzene-d5	7.428	82	737468	58.770	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	216455	73.445	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1075075	56.235	ng	0.00
79) Terphenyl-d14	12.974	244	759177	37.061	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.410	178	185687	6.983	ng	100
75) Fluoranthene	12.598	202	230185	8.587	ng	98
78) Pyrene	12.827	202	272276	8.732	ng	97
81) Benzo(a)anthracene	14.009	228	132577	5.879	ng	100
83) Chrysene	14.045	228	118050	5.174	ng	97
88) Benzo(b)fluoranthene	15.062	252	137215m	5.325	ng	
90) Benzo(a)pyrene	15.427	252	102938m	4.948	ng	

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

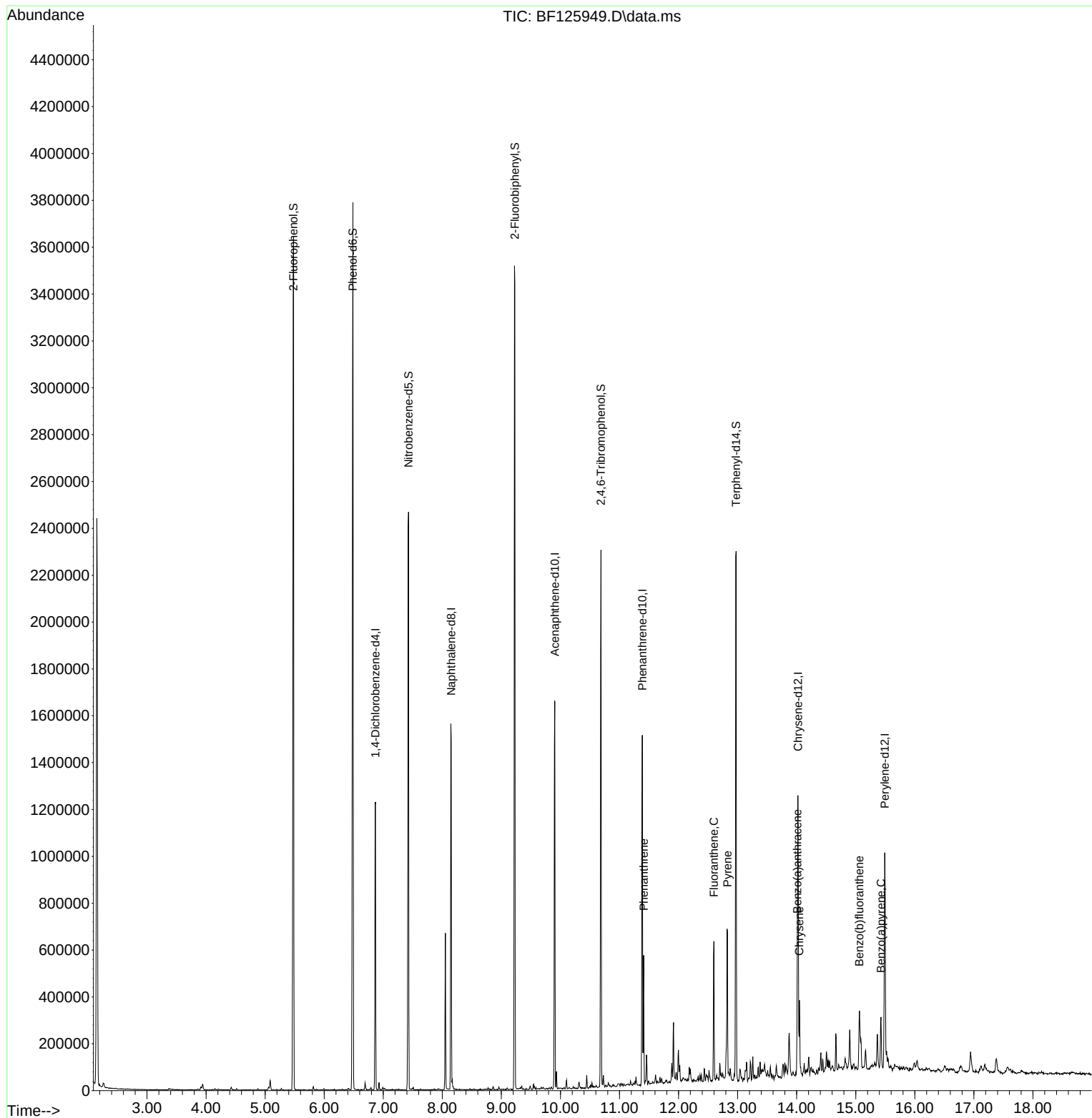
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125949.D
Acq On : 26 Oct 2021 23:19
Operator : JU/CG
Sample : M4336-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

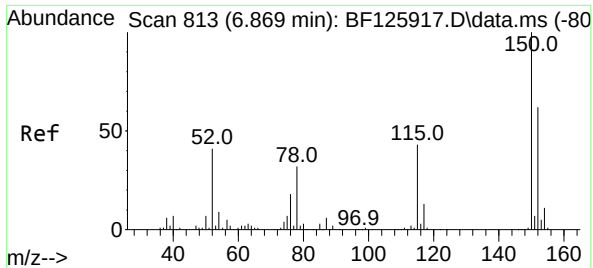
Instrument :
BNA_F
ClientSampleId :
C2

Manual Integrations
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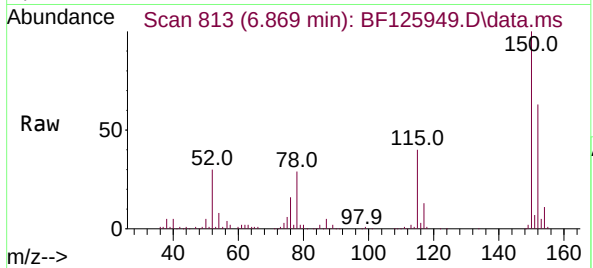
Quant Time: Oct 27 09:04:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

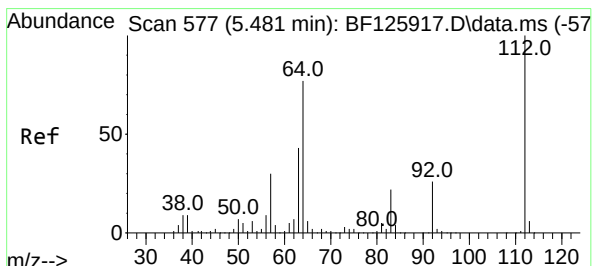
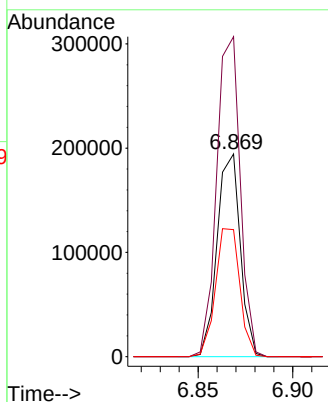
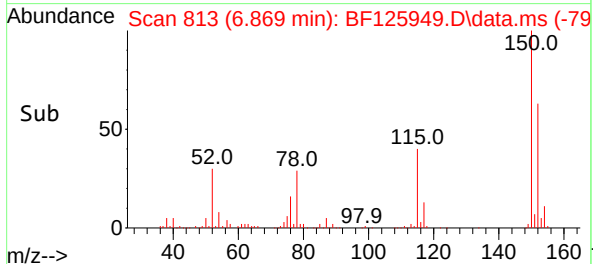
Instrument :
BNA_F
ClientSampled :
C2



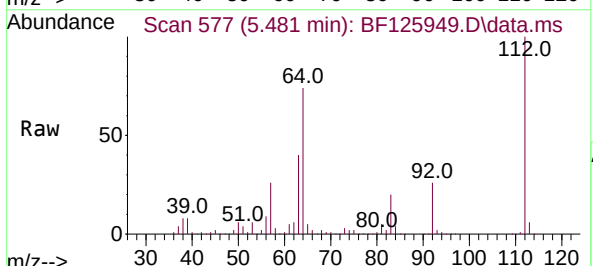
Tgt Ion:152 Resp: 165680
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 62.7 47.1 70.7

Manual Integrations
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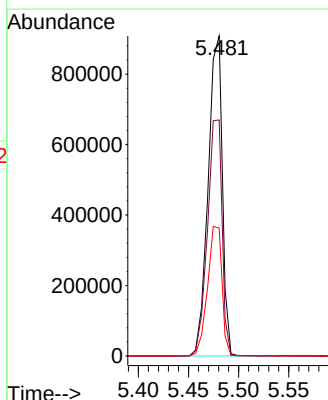
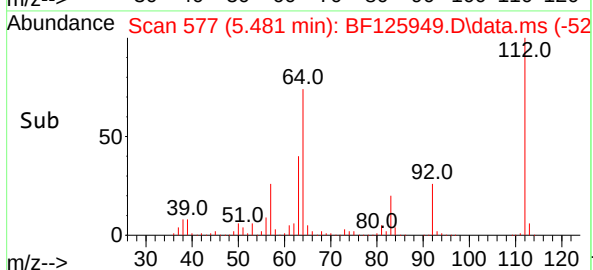
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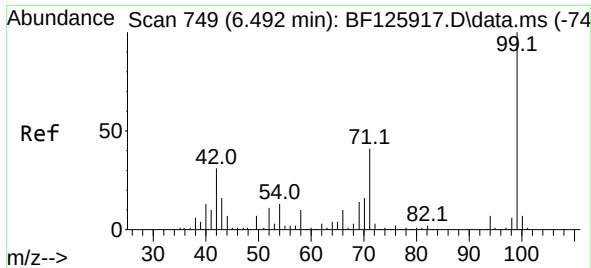


#5
2-Fluorophenol
Concen: 80.833 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



Tgt Ion:112 Resp: 899105
Ion Ratio Lower Upper
112 100
64 73.7 44.2 66.2#
63 39.9 26.2 39.2#





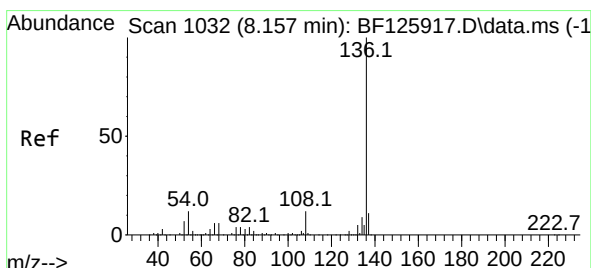
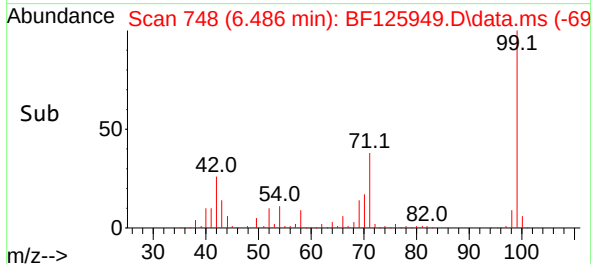
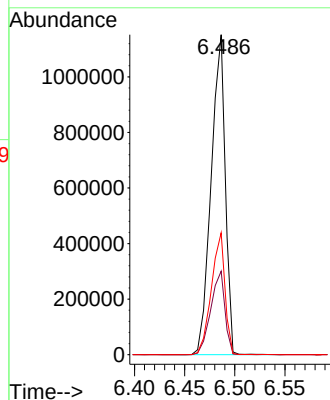
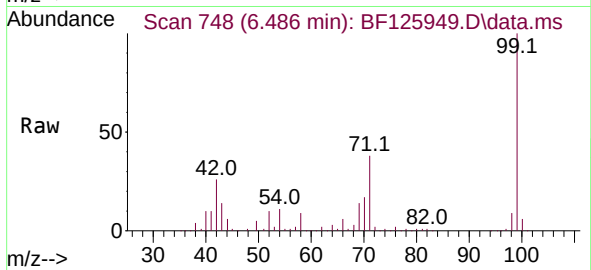
#7
Phenol-d6
Concen: 74.253 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

Instrument :
BNA_F
ClientSampled :
C2

Tgt Ion: 99 Resp: 1132806
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 38.1 25.6 38.4

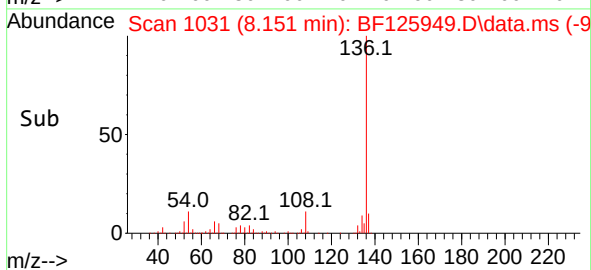
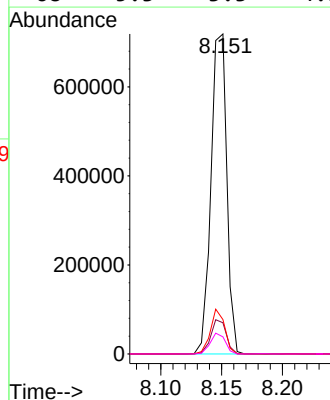
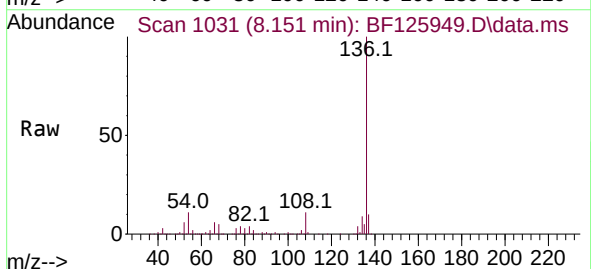
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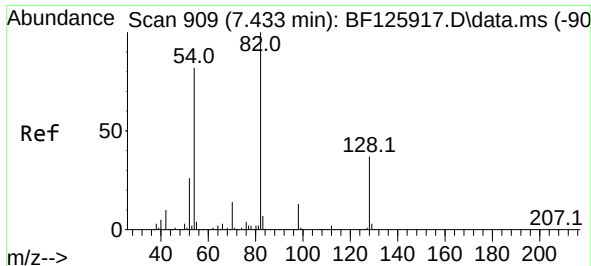
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

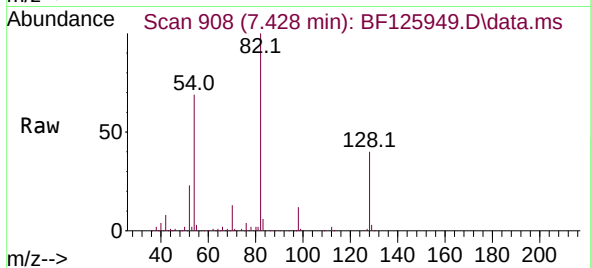
Tgt Ion: 136 Resp: 648172
Ion Ratio Lower Upper
136 100
137 9.8 9.8 14.6#
54 10.7 6.4 9.6#
68 5.3 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 58.770 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

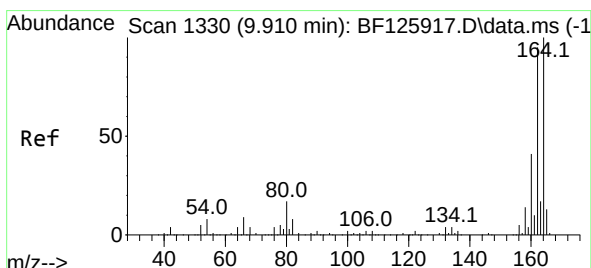
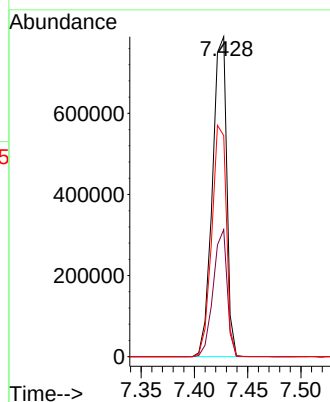
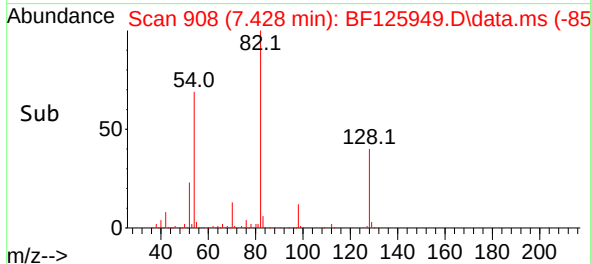
Instrument :
BNA_F
ClientSampled :
C2



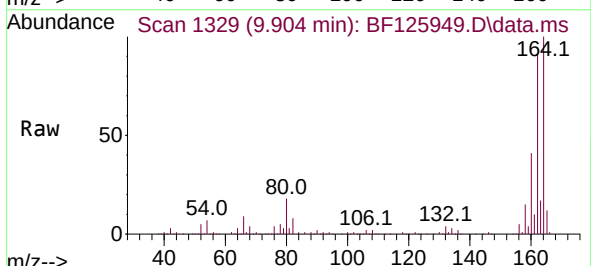
Tgt Ion: 82 Resp: 737468
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 69.1 49.6 74.4

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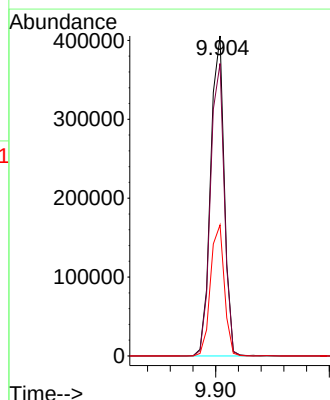
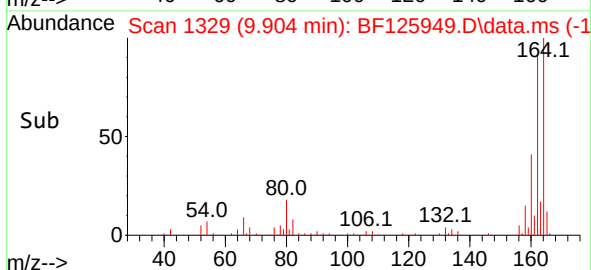
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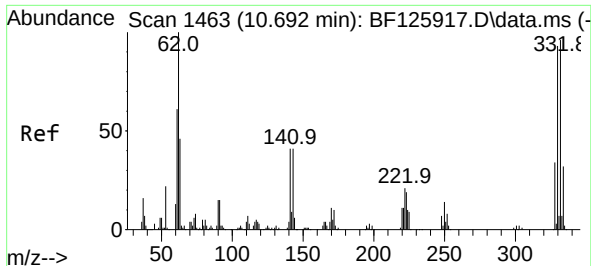


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



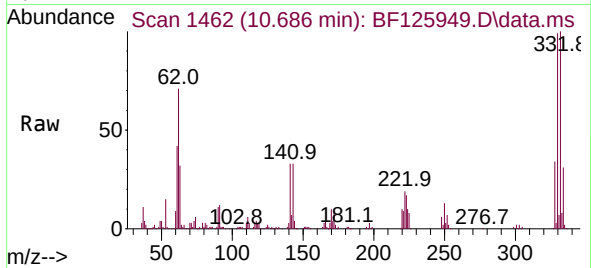
Tgt Ion: 164 Resp: 338080
Ion Ratio Lower Upper
164 100
162 91.4 81.3 121.9
160 41.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 73.445 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

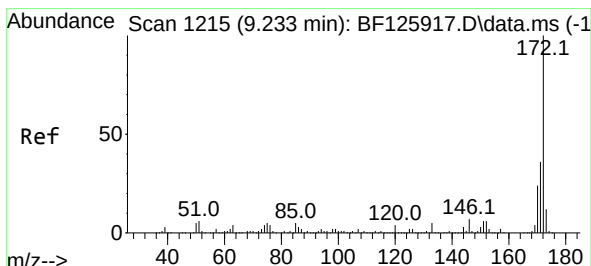
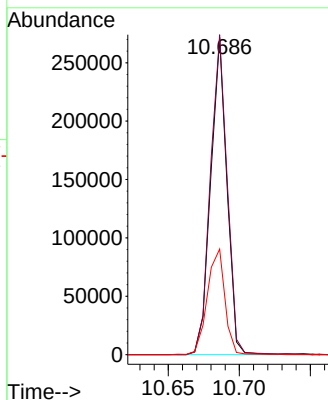
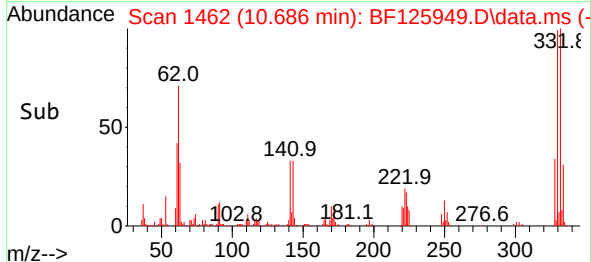
Instrument :
BNA_F
ClientSampled :
C2



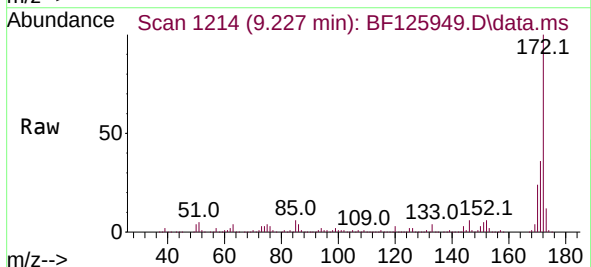
Tgt Ion: 330 Resp: 216455
Ion Ratio Lower Upper
330 100
332 103.9 76.2 114.4
141 36.3 44.6 66.8#

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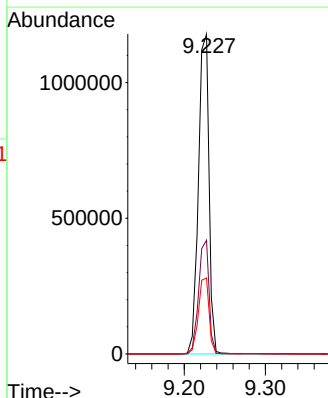
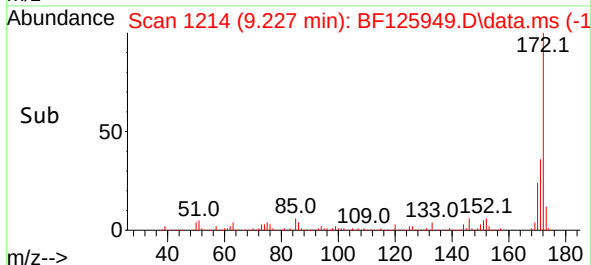
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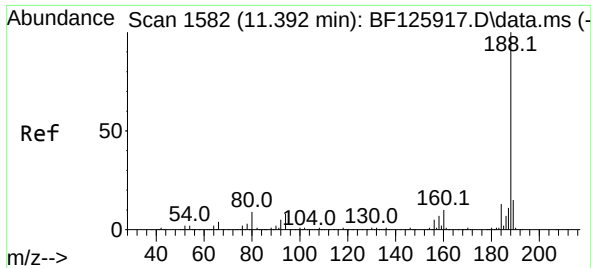


#45
2-Fluorobiphenyl
Concen: 56.235 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



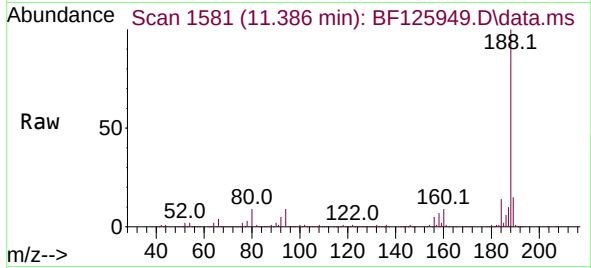
Tgt Ion: 172 Resp: 1075075
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

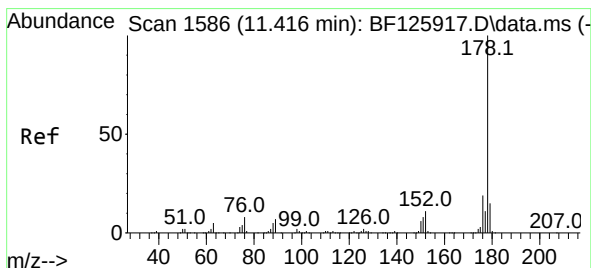
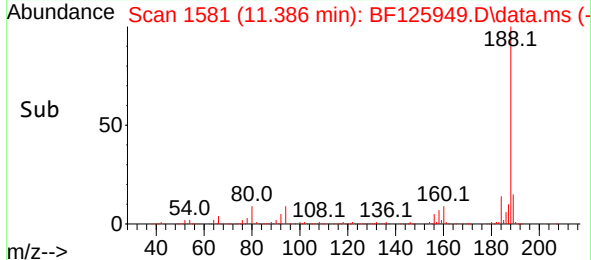
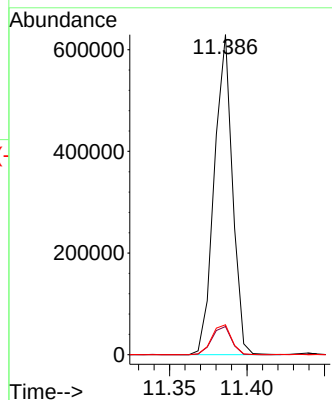
Instrument :
BNA_F
ClientSampled :
C2



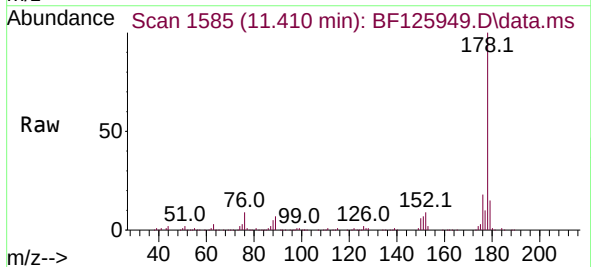
Tgt Ion:188 Resp: 512460
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.4 7.5 11.3

Manual Integrations
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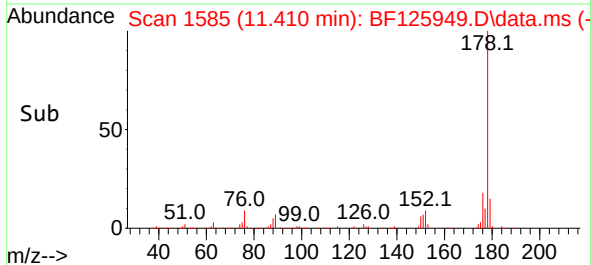
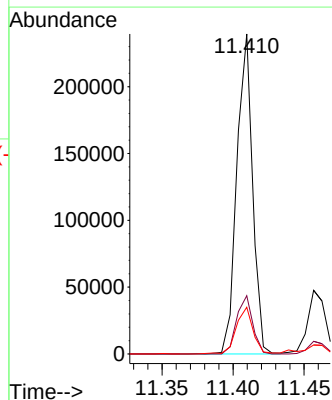
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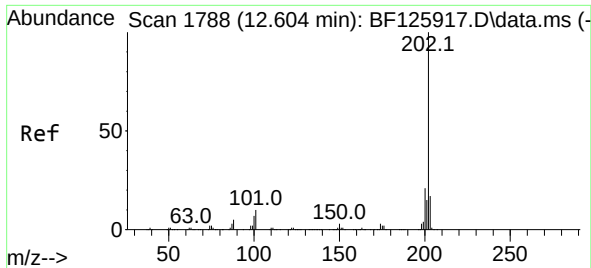


#71
Phenanthrene
Concen: 6.983 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



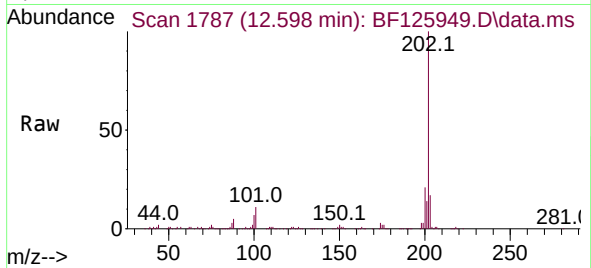
Tgt Ion:178 Resp: 185687
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.6 11.5 17.3





#75
Fluoranthene
Concen: 8.587 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

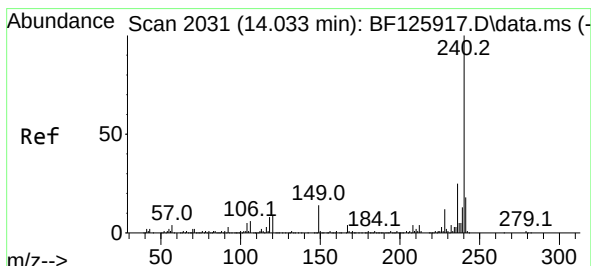
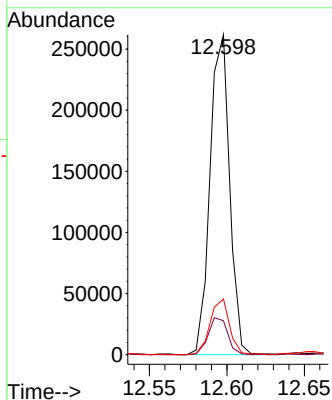
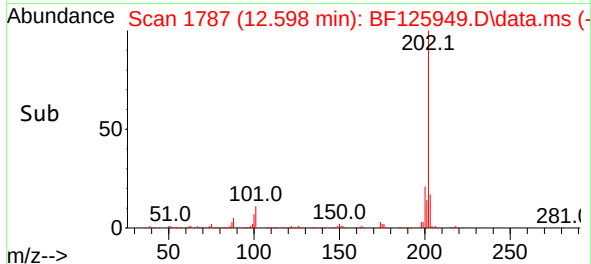
Instrument :
BNA_F
ClientSampled :
C2



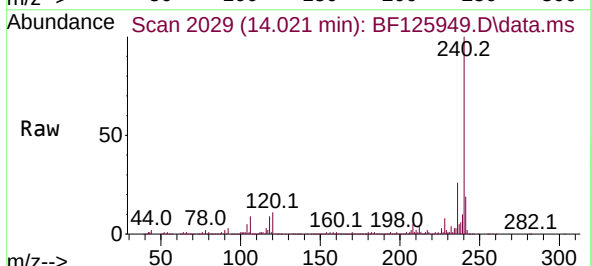
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Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.4 0.0 36.3

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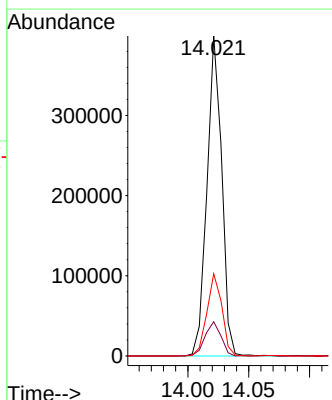
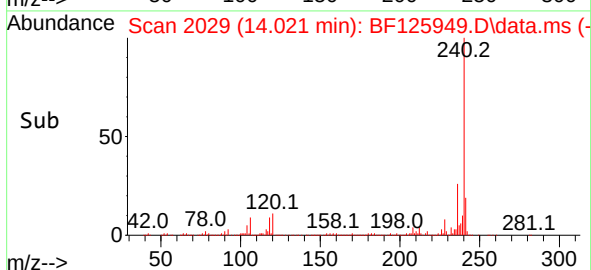
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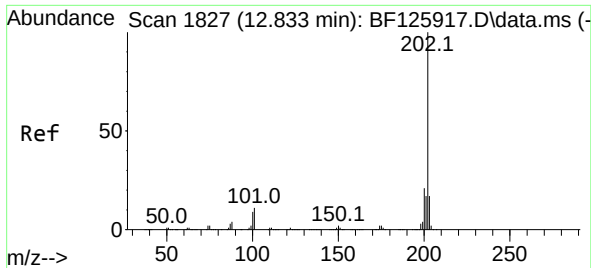


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

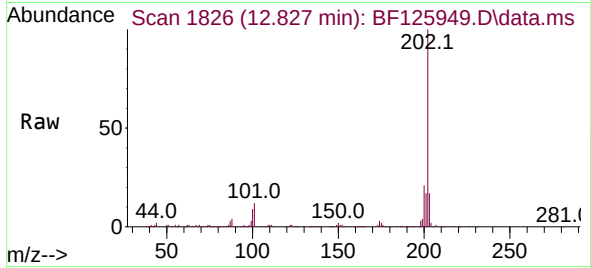


Tgt Ion:240 Resp: 335069
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.7 21.6 32.4

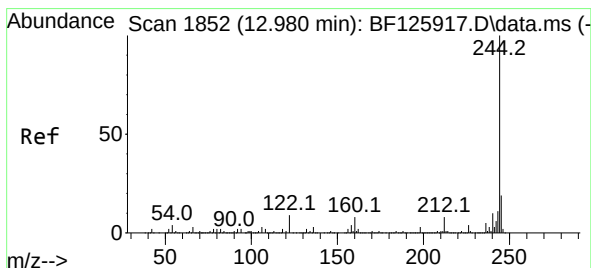
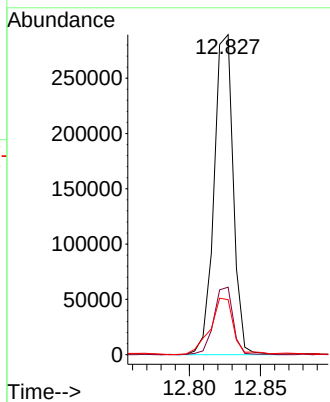
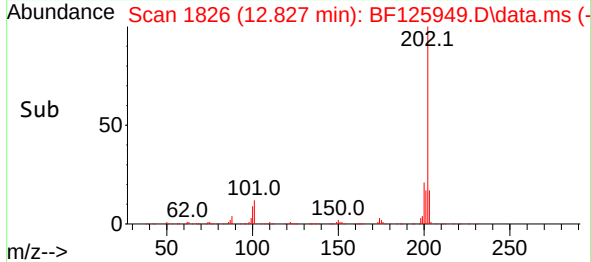




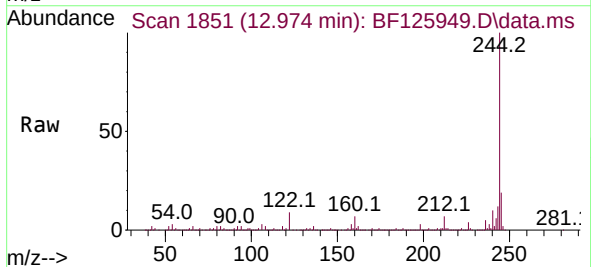
#78
Pyrene
Concen: 8.732 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



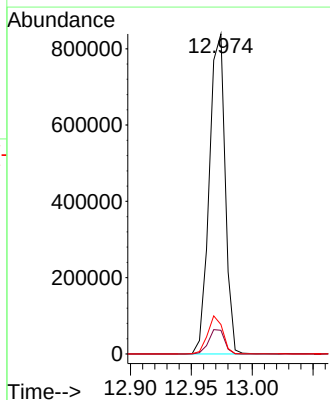
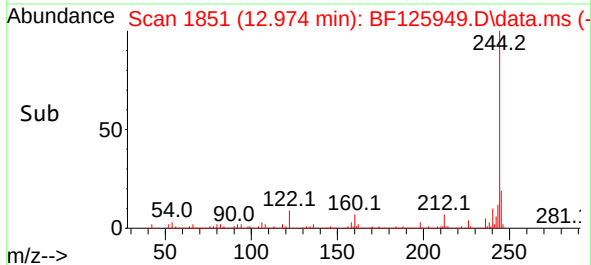
Tgt Ion:202 Resp: 272276
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.2 13.4 20.0



#79
Terphenyl-d14
Concen: 37.061 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



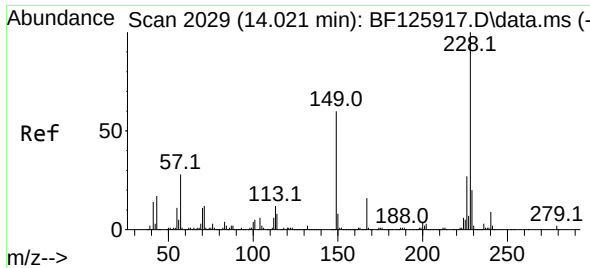
Tgt Ion:244 Resp: 759177
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.2 9.0 13.4



Instrument :
BNA_F
ClientSampleId :
C2

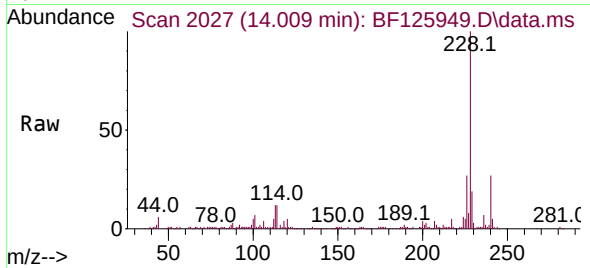
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#81
Benzo(a)anthracene
Concen: 5.879 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

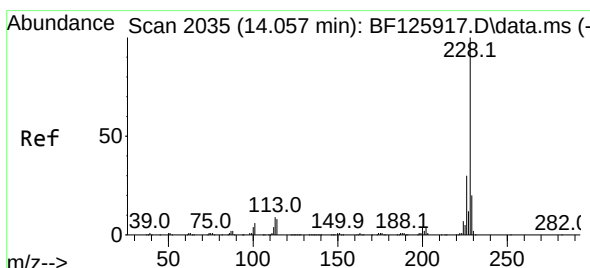
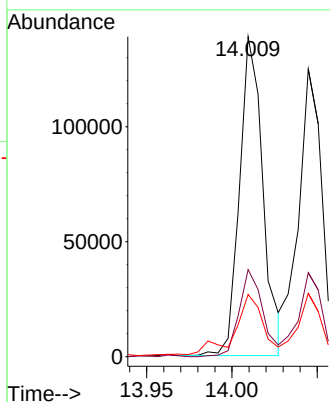
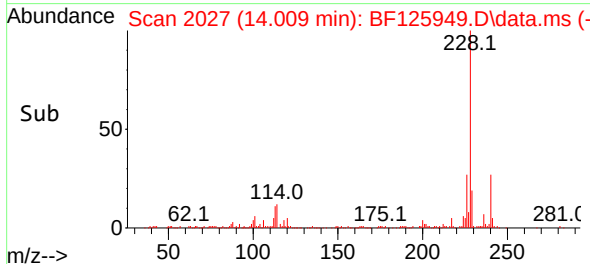
Instrument :
BNA_F
ClientSampled :
C2



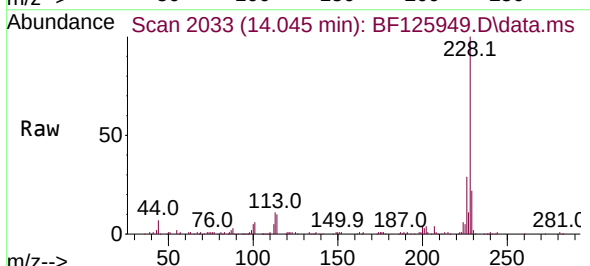
Tgt Ion:228 Resp: 132577
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.4 15.6 23.4

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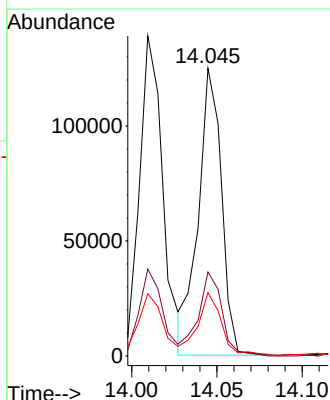
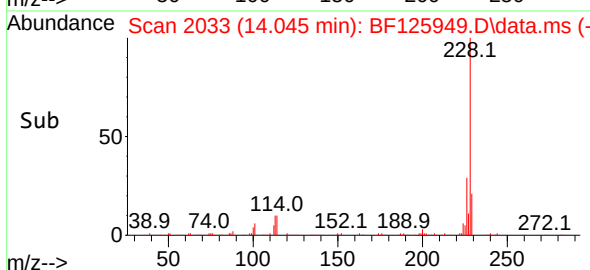
mohammad
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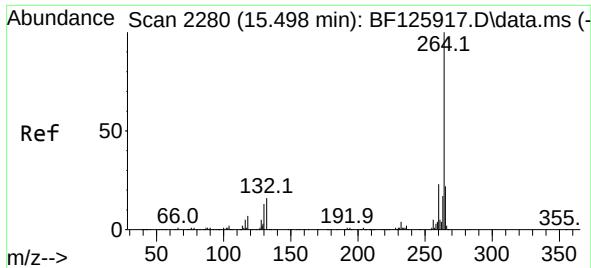


#83
Chrysene
Concen: 5.174 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19



Tgt Ion:228 Resp: 118050
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 22.0 15.9 23.9





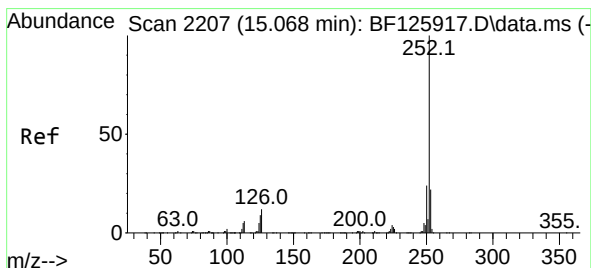
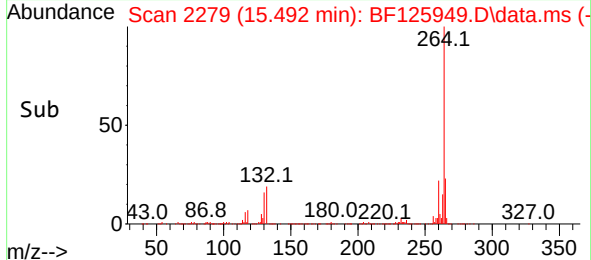
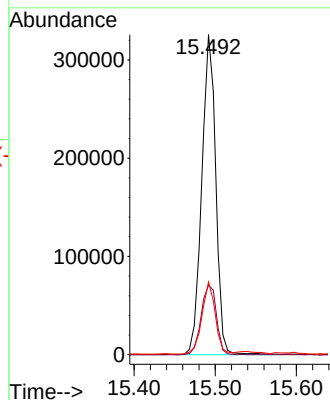
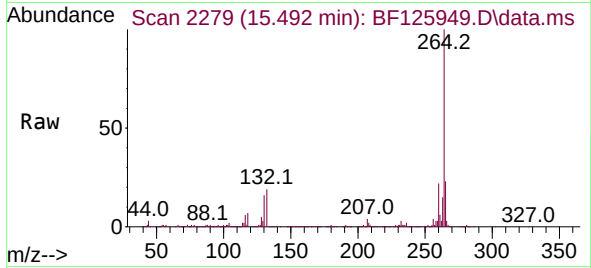
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

Instrument :
BNA_F
ClientSampled :
C2

Tgt Ion:264 Resp: 390394
Ion Ratio Lower Upper
264 100
260 21.8 19.6 29.4
265 22.7 17.2 25.8

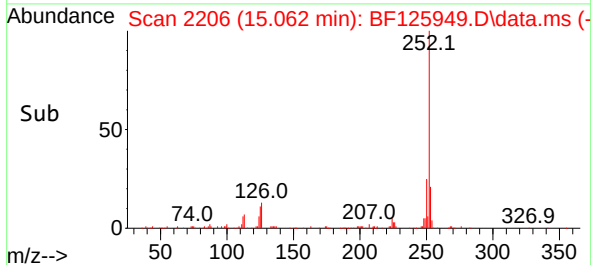
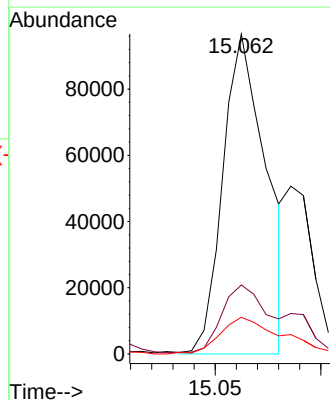
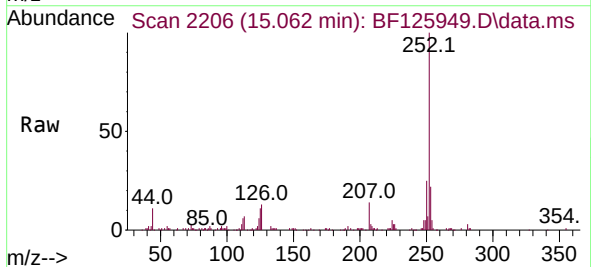
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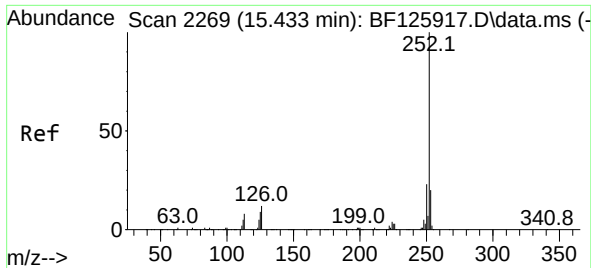
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.325 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

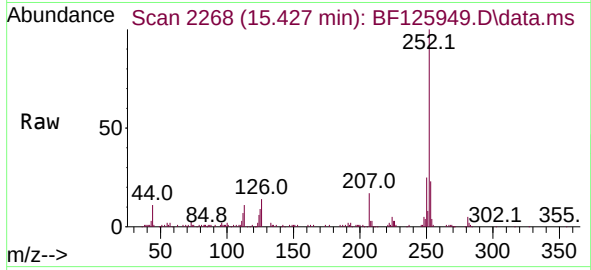
Tgt Ion:252 Resp: 137215
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 11.5 9.8 14.8





#90
Benzo(a)pyrene
Concen: 4.948 ng m
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF125949.D
Acq: 26 Oct 2021 23:19

Instrument :
BNA_F
ClientSampled :
C2



Tgt Ion:252 Resp: 102938
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 9.5 9.9 14.9#

Manual Integrations
APPROVED

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