

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125948.D
 Acq On : 26 Oct 2021 22:47
 Operator : JU/CG
 Sample : M4340-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-EES

Manual Integrations
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 10/27/2021 11:49:05 AM

Quant Time: Oct 27 09:04:40 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	6.869	152	162408	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	638654	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	334641	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	517761	20.000	ng	0.00
76) Chrysene-d12	14.021	240	322290	20.000	ng	-0.01
86) Perylene-d12	15.492	264	379407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1026095	94.108	ng	0.00
7) Phenol-d6	6.487	99	1272358	85.080	ng	0.00
23) Nitrobenzene-d5	7.428	82	849953	68.743	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	259500	88.955	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1268941	67.058	ng	0.00
79) Terphenyl-d14	12.974	244	936855	47.549	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	88197	3.283	ng	100
75) Fluoranthene	12.598	202	194995	7.200	ng	98
78) Pyrene	12.822	202	176291	5.878	ng	98
81) Benzo(a)anthracene	14.010	228	86396	3.983	ng	94
83) Chrysene	14.045	228	94068	4.286	ng	95
87) Indeno(1,2,3-cd)pyrene	16.945	276	63656m	2.329	ng	
88) Benzo(b)fluoranthene	15.063	252	139828m	5.583	ng	
90) Benzo(a)pyrene	15.427	252	96718	4.784	ng	97
92) Benzo(g,h,i)perylene	17.386	276	59324m	2.564	ng	

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

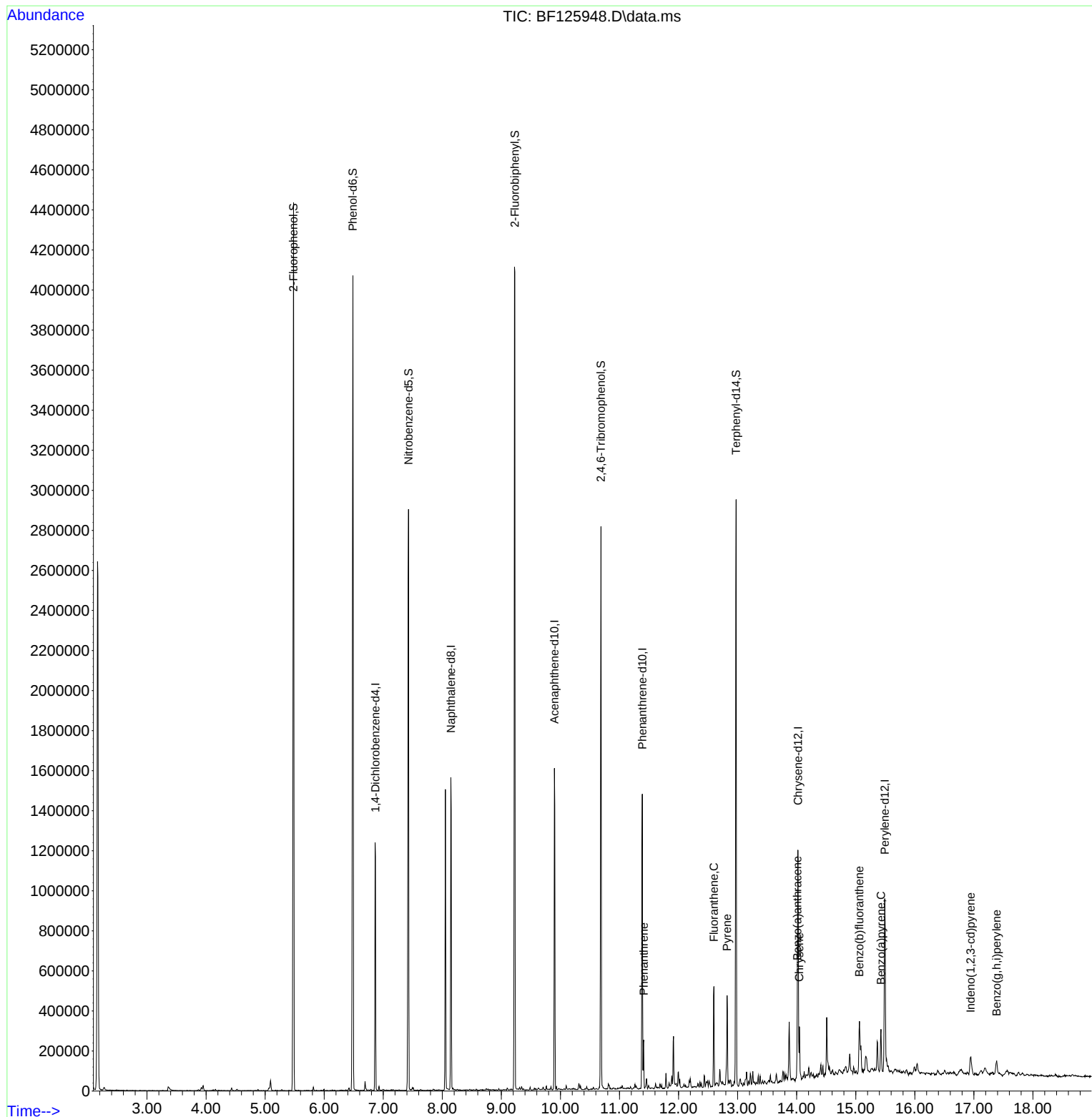
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125948.D
Acq On : 26 Oct 2021 22:47
Operator : JU/CG
Sample : M4340-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

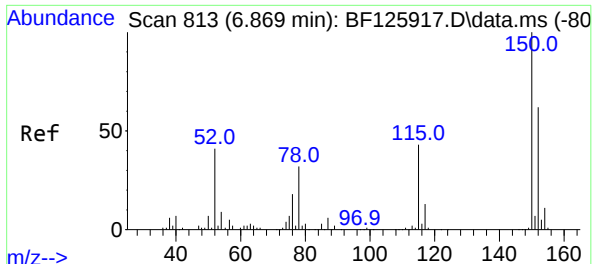
Instrument :
BNA_F
ClientSampleId :
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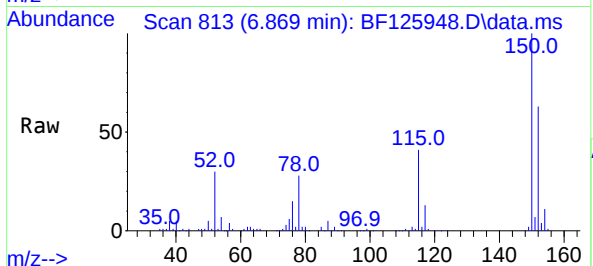
Quant Time: Oct 27 09:04:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

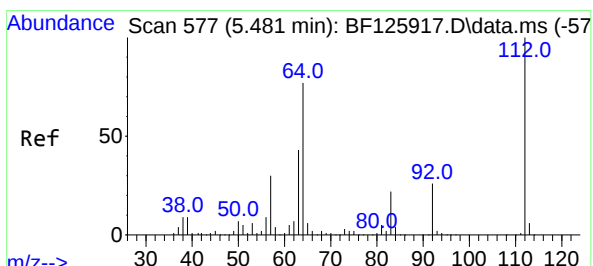
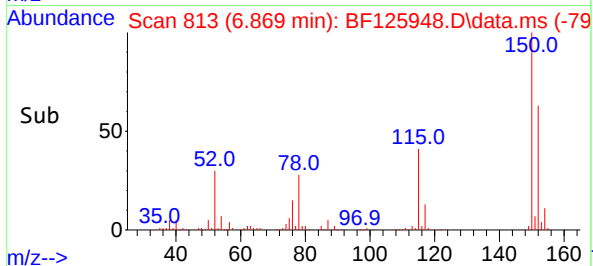
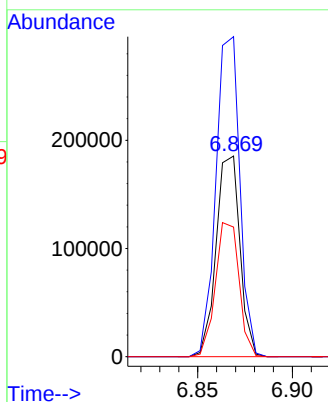
Instrument :
BNA_F
ClientSampled :
TH-EES



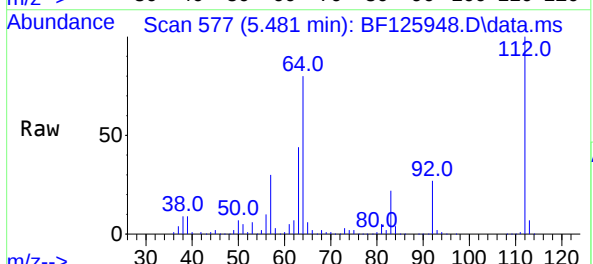
Tgt Ion:152 Resp: 162408
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 64.6 47.1 70.7

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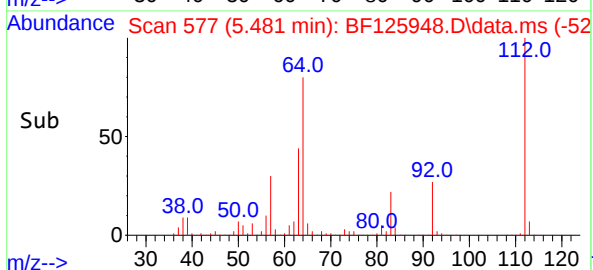
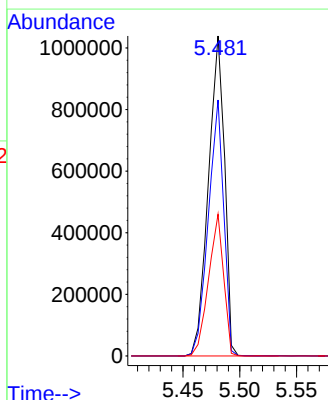
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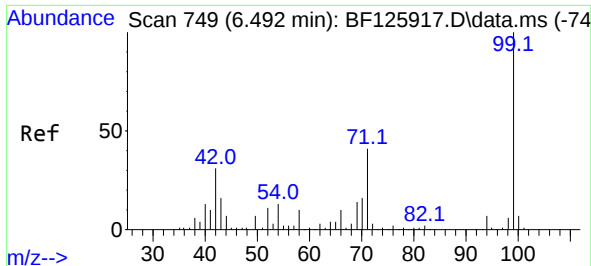


#5
2-Fluorophenol
Concen: 94.108 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47



Tgt Ion:112 Resp: 1026095
Ion Ratio Lower Upper
112 100
64 80.0 44.2 66.2#
63 44.3 26.2 39.2#





#7
Phenol-d6
Concen: 85.080 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

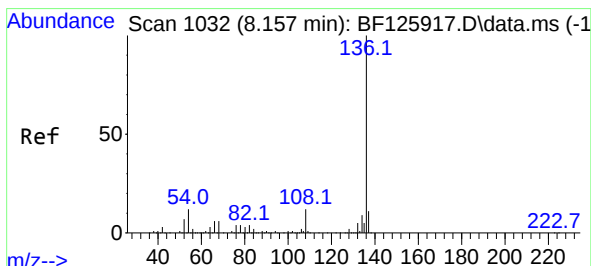
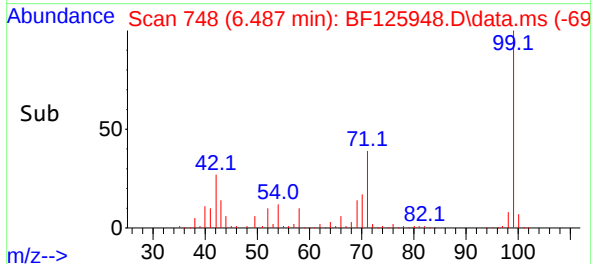
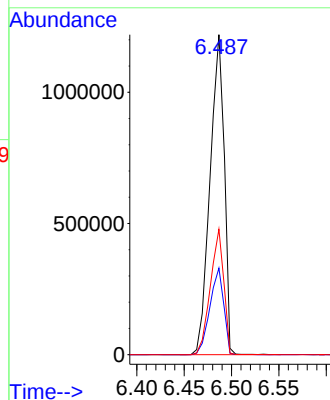
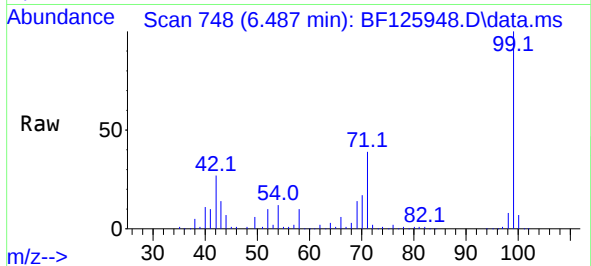
Tgt Ion: 99 Resp: 1272358

Ion	Ratio	Lower	Upper
99	100		
42	27.1	23.5	35.3
71	39.2	25.6	38.4#

Instrument :
BNA_F
ClientSampled :
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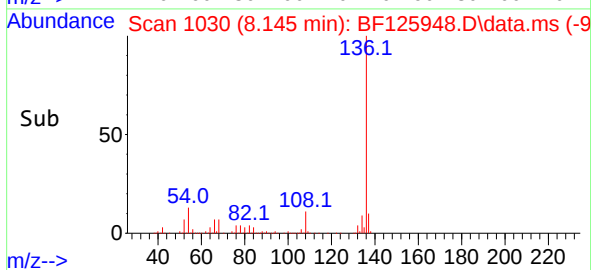
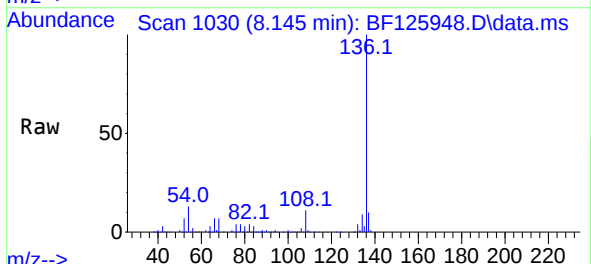
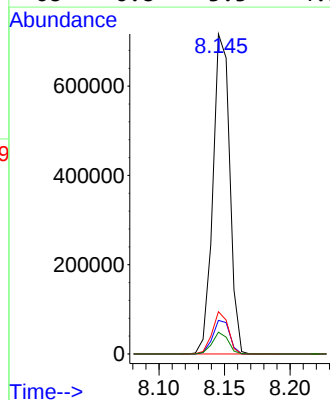
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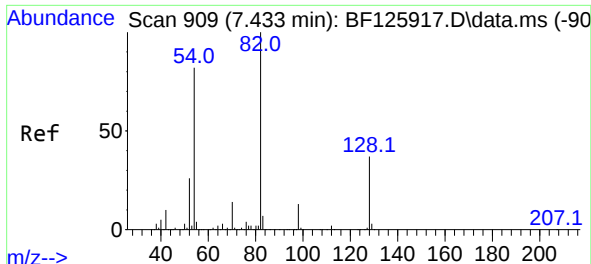


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion: 136 Resp: 638654

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	13.2	6.4	9.6#
68	6.8	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 68.743 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF125948.D

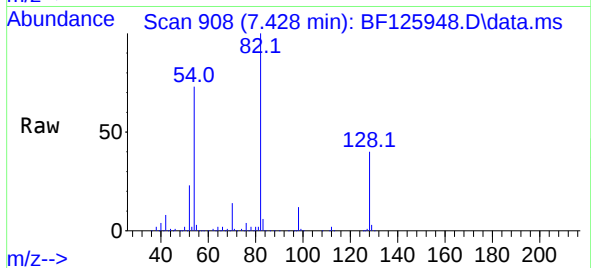
Acq: 26 Oct 2021 22:47

Instrument :

BNA_F

ClientSampled :

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Tgt Ion: 82 Resp: 849953

Ion Ratio Lower Upper

82 100

128 39.7 40.6 60.8#

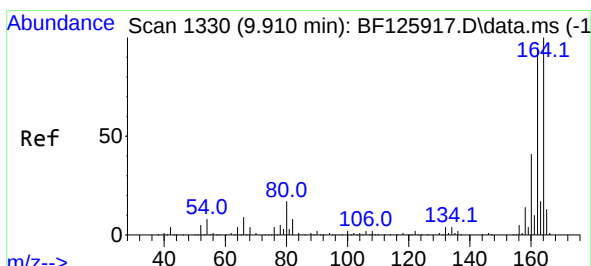
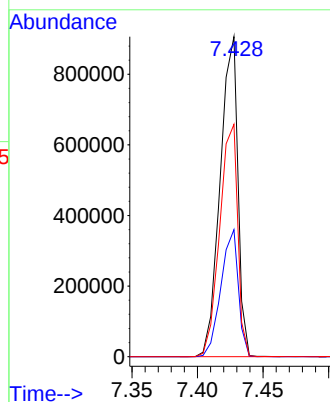
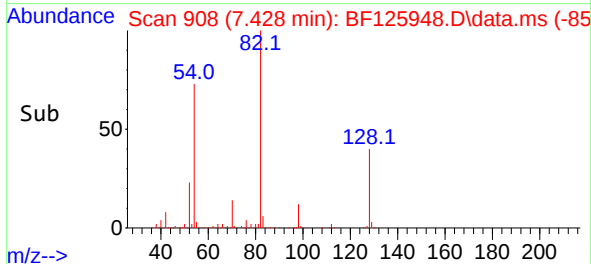
54 72.6 49.6 74.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF125948.D

Acq: 26 Oct 2021 22:47

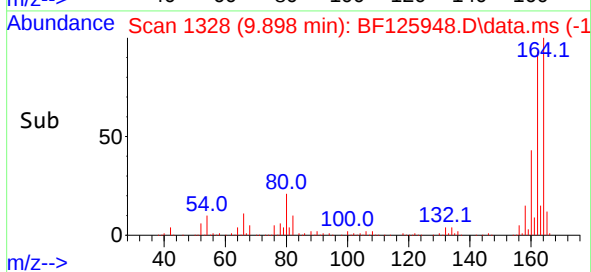
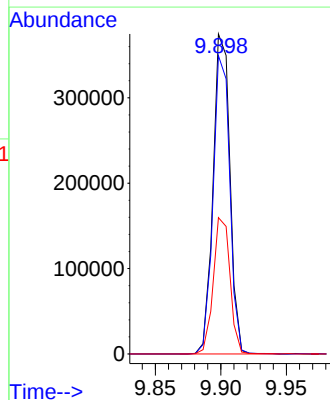
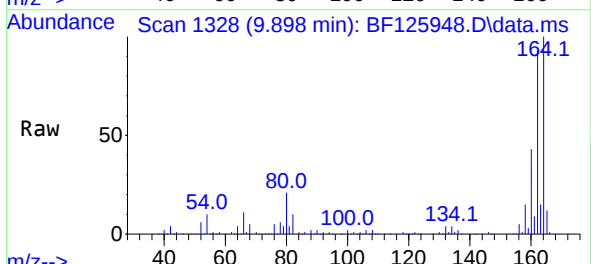
Tgt Ion:164 Resp: 334641

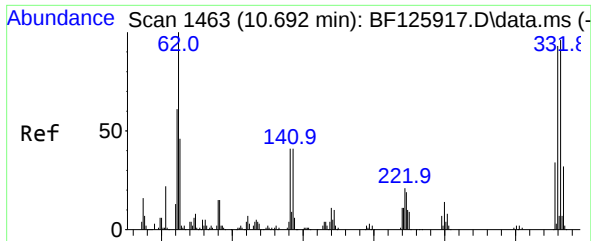
Ion Ratio Lower Upper

164 100

162 93.2 81.3 121.9

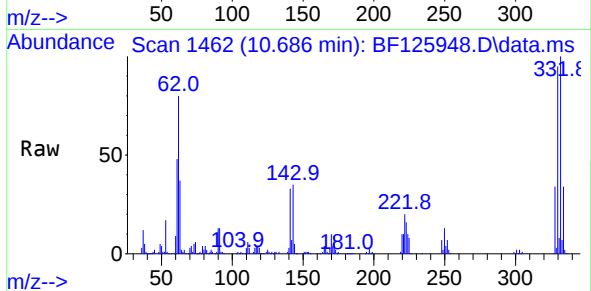
160 42.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 88.955 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

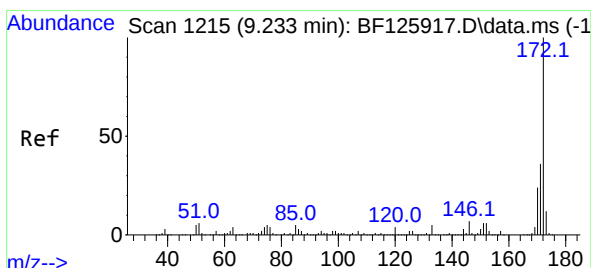
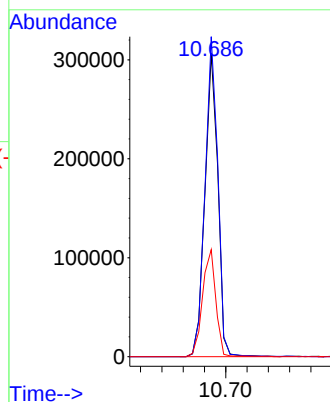
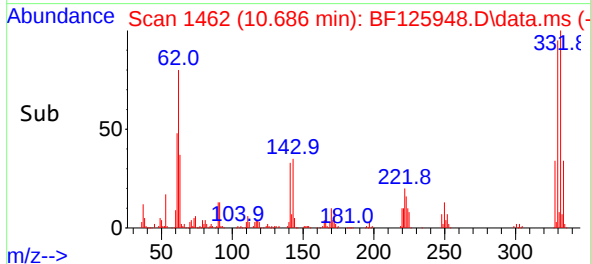
Instrument :
BNA_F
ClientSampled :
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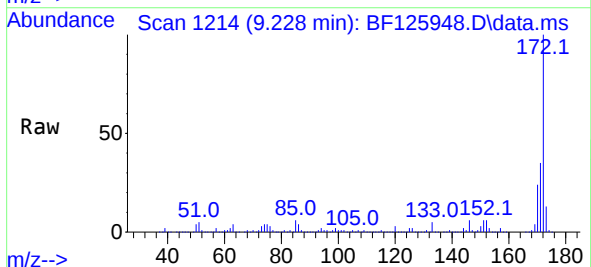
Tgt Ion:330 Resp: 259500
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 36.4 44.6 66.8#

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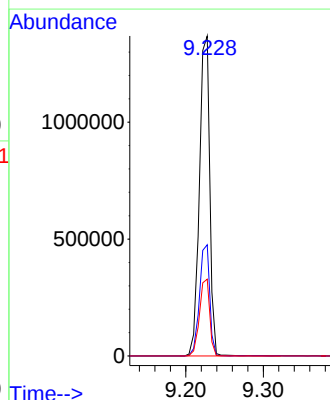
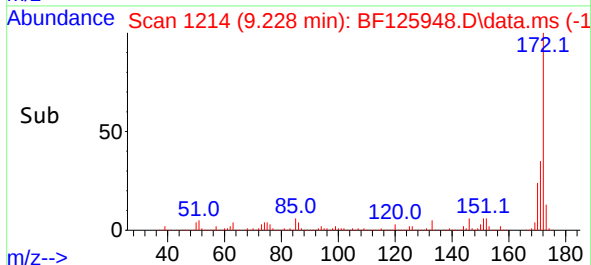
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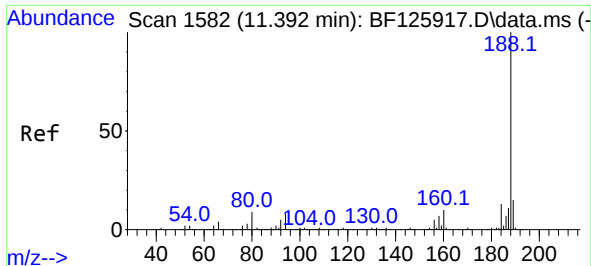


#45
2-Fluorobiphenyl
Concen: 67.058 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47



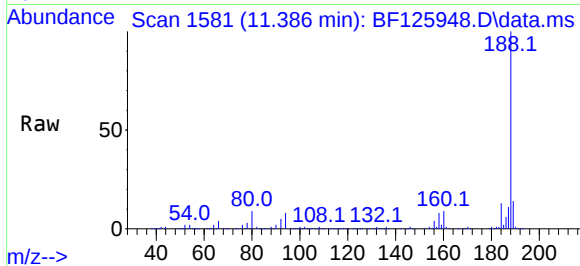
Tgt Ion:172 Resp: 1268941
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

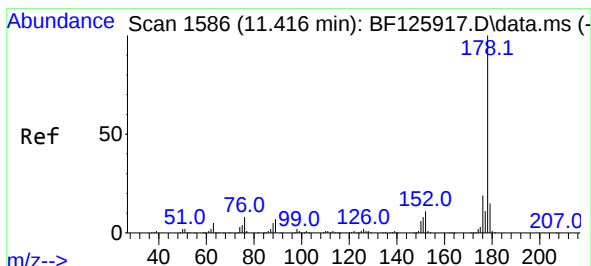
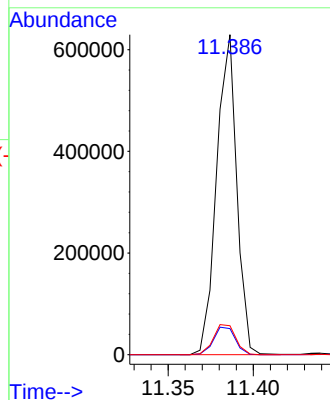
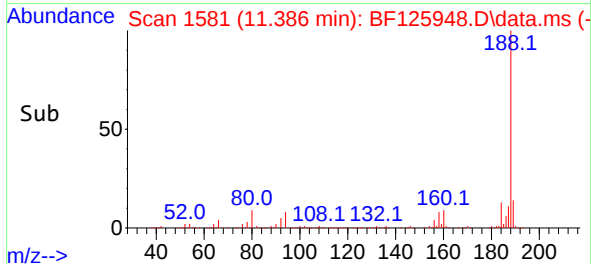
Instrument :
BNA_F
ClientSampled :
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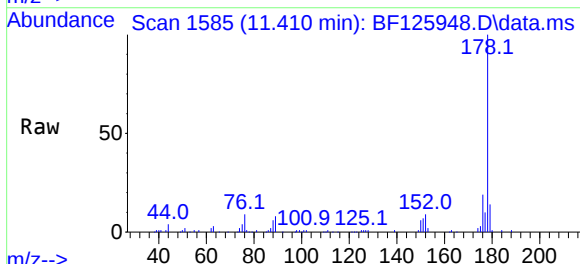
Tgt Ion:188 Resp: 517761
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.1 7.5 11.3

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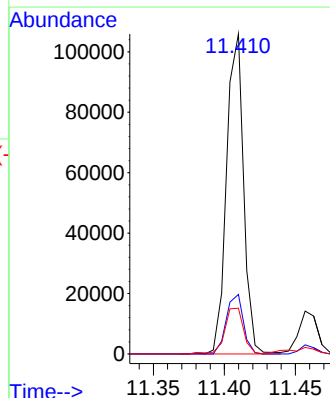
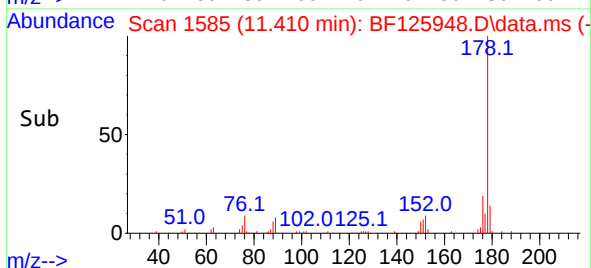
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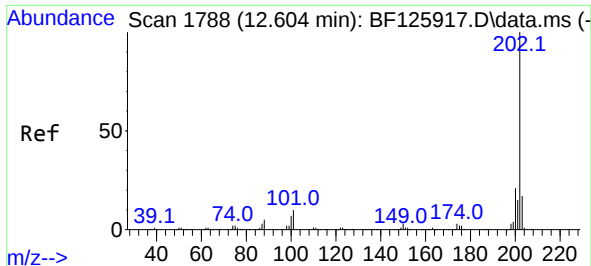


#71
Phenanthrene
Concen: 3.283 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47



Tgt Ion:178 Resp: 88197
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 14.3 11.5 17.3





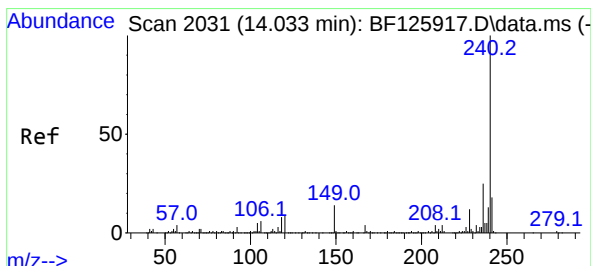
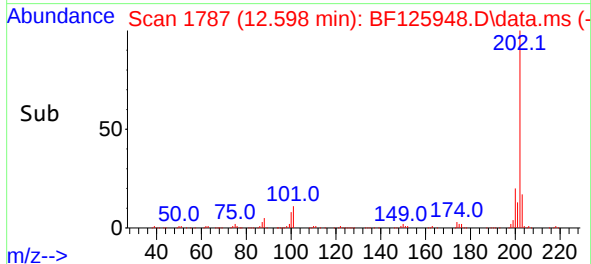
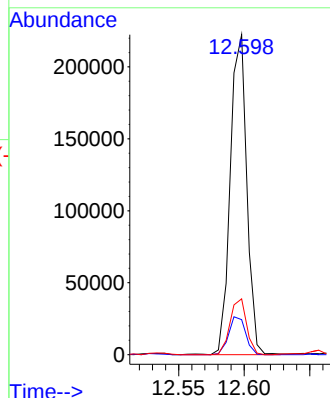
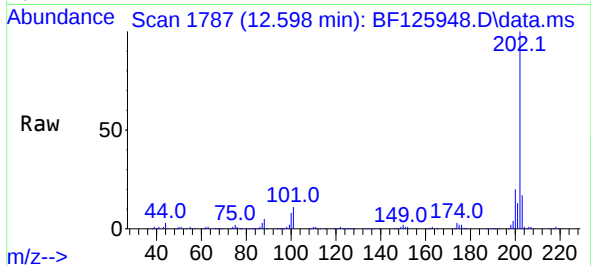
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Fluoranthene
Concen: 7.200 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion:	202	Resp:	194995
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.7
203	17.4	0.0	36.3

Instrument :
BNA_F
ClientSampled :
TH-EES

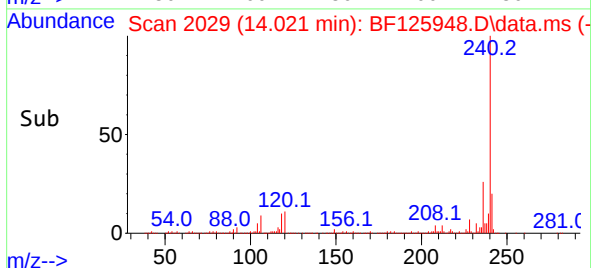
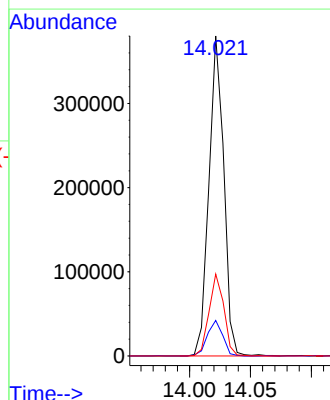
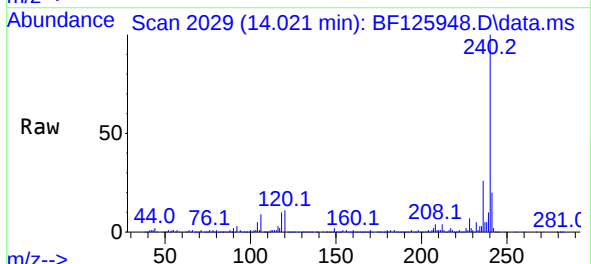
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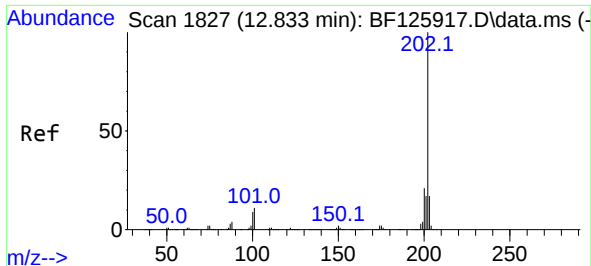
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion:	240	Resp:	322290
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.8	16.2
236	25.6	21.6	32.4





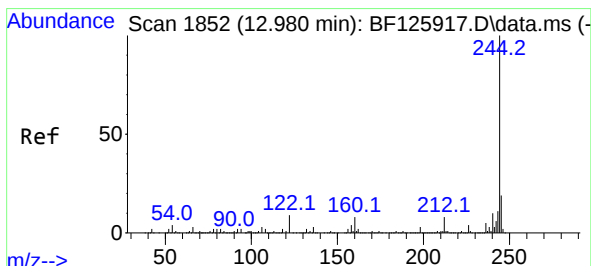
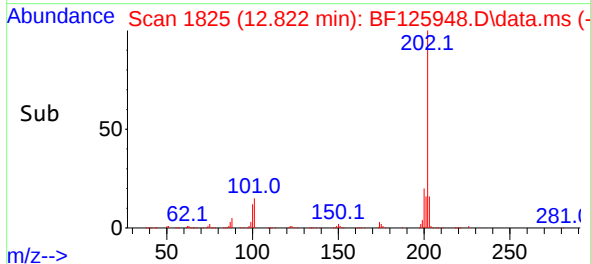
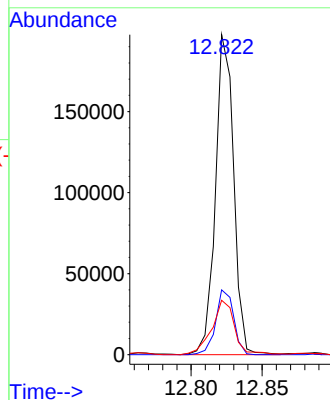
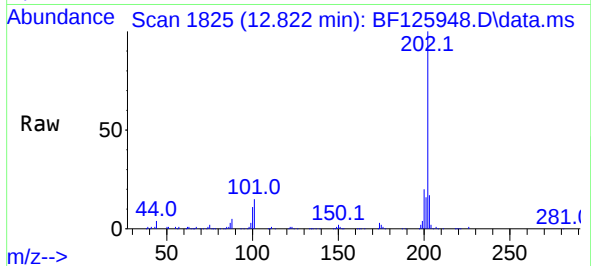
#78
Pyrene
Concen: 5.878 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion:	202	Resp:	176291
Ion Ratio	Lower	Upper	
202	100		
200	20.2	15.3	22.9
203	17.0	13.4	20.0

Instrument :
BNA_F
ClientSampled :
TH-EES

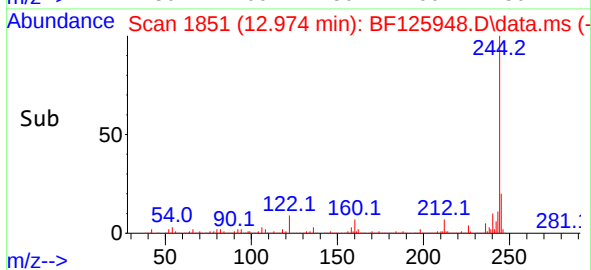
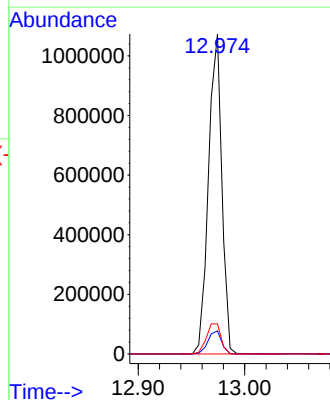
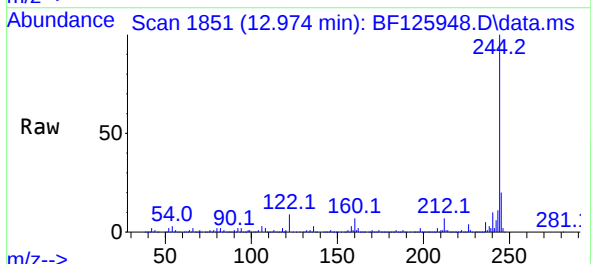
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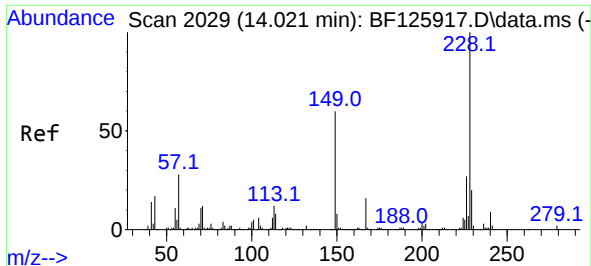
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#79
Terphenyl-d14
Concen: 47.549 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

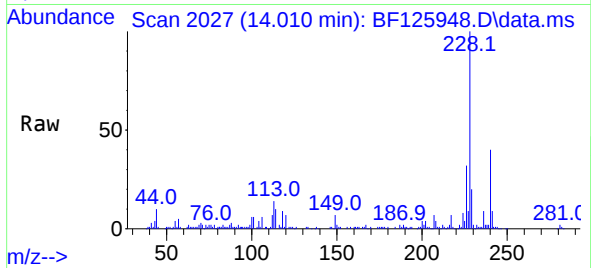
Tgt Ion:	244	Resp:	936855
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	9.4	9.0	13.4





#81
Benzo(a)anthracene
Concen: 3.983 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

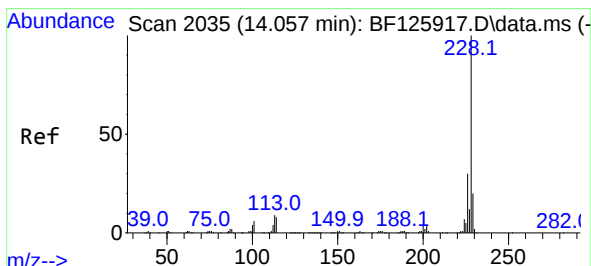
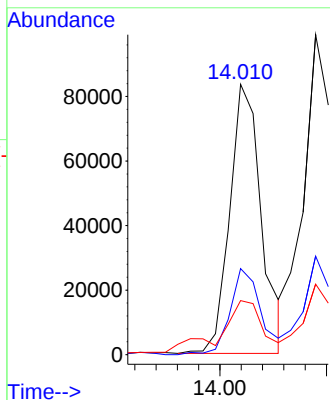
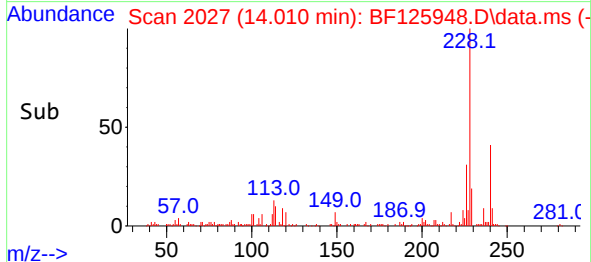
Instrument :
BNA_F
ClientSampled :
TH-EES



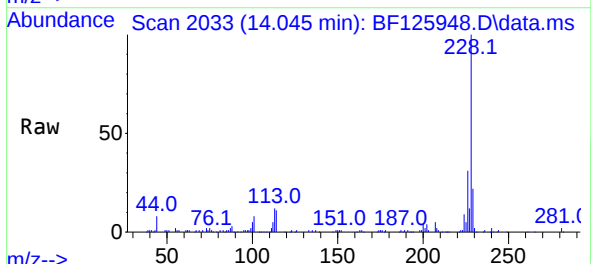
Tgt Ion:228 Resp: 86396
Ion Ratio Lower Upper
228 100
226 31.8 21.6 32.4
229 20.0 15.6 23.4

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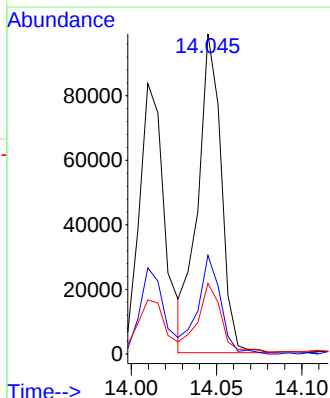
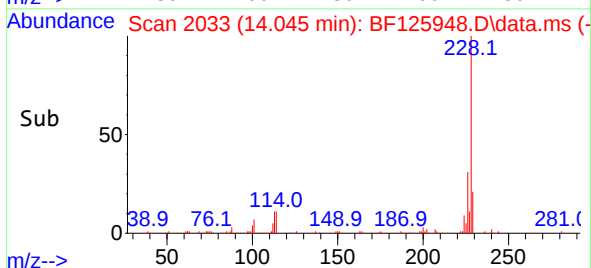
mohammad
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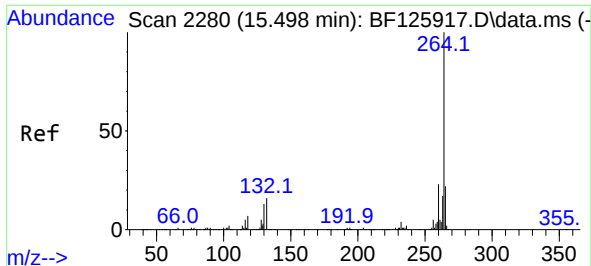


#83
Chrysene
Concen: 4.286 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47



Tgt Ion:228 Resp: 94068
Ion Ratio Lower Upper
228 100
226 30.8 22.6 34.0
229 22.1 15.9 23.9





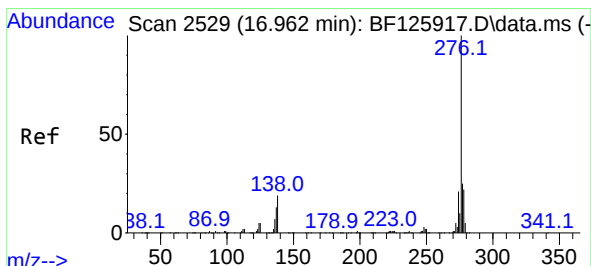
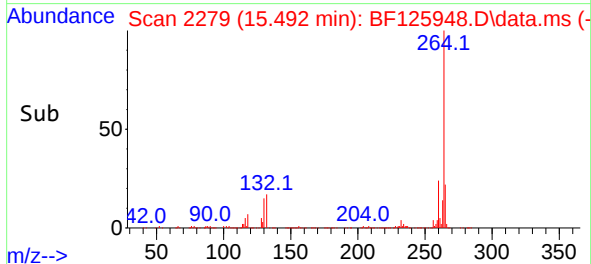
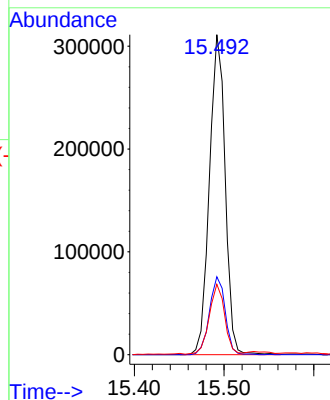
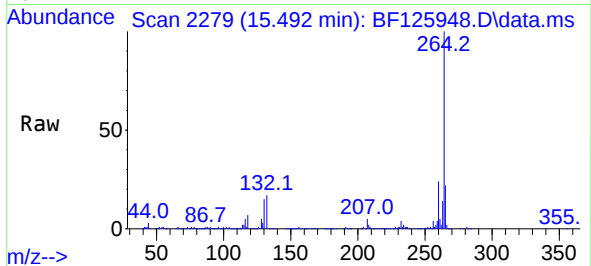
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion: 264 Resp: 379407
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.0 17.2 25.8

Instrument :
BNA_F
ClientSampled :
TH-EES

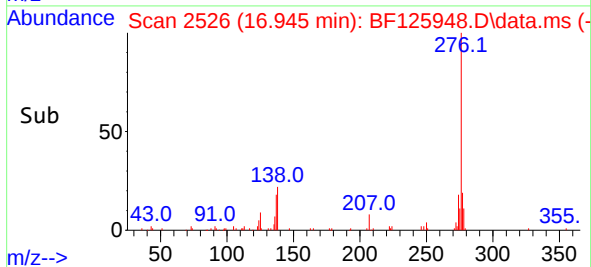
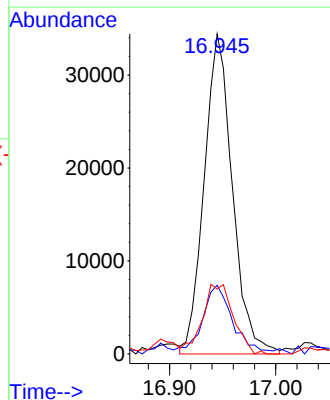
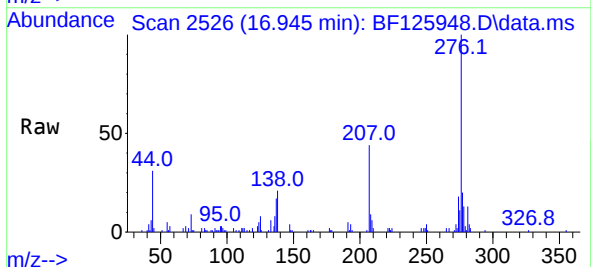
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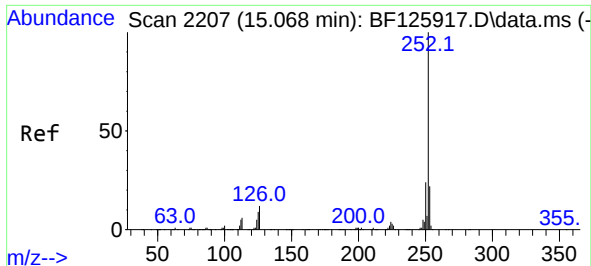
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.329 ng m
RT: 16.945 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion: 276 Resp: 63656
Ion Ratio Lower Upper
276 100
138 5.9 24.1 36.1#
277 5.5 18.8 28.2#





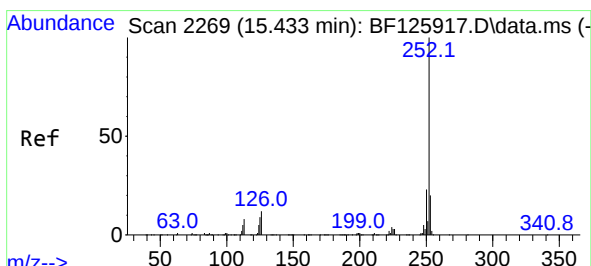
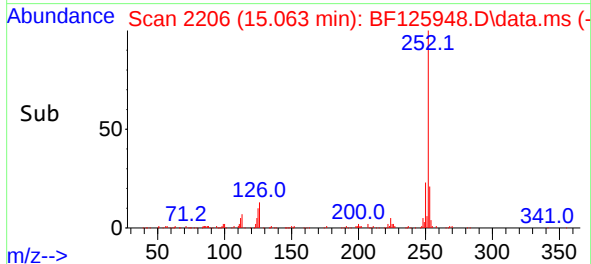
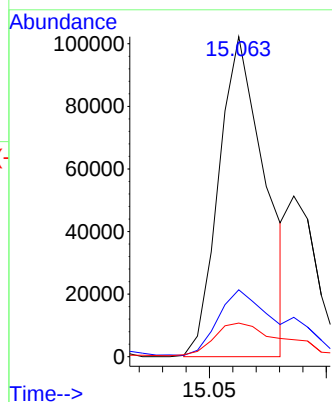
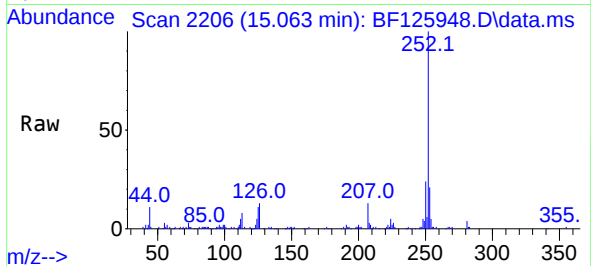
#88
Benzo(b)fluoranthene
Concen: 5.583 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion:252 Resp: 139828
Ion Ratio Lower Upper
252 100
253 20.9 16.8 25.2
125 10.5 9.8 14.8

Instrument :
BNA_F
ClientSampled :
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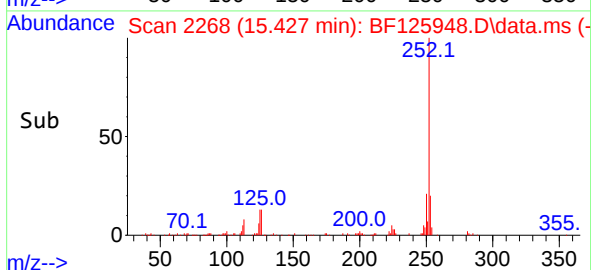
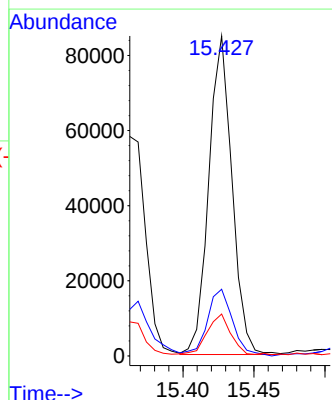
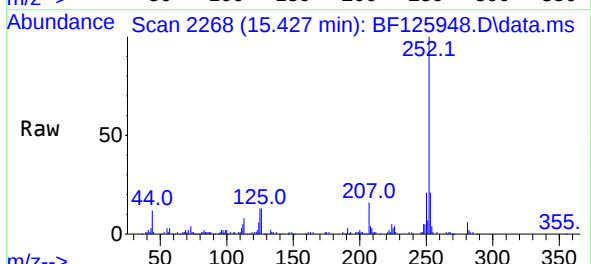
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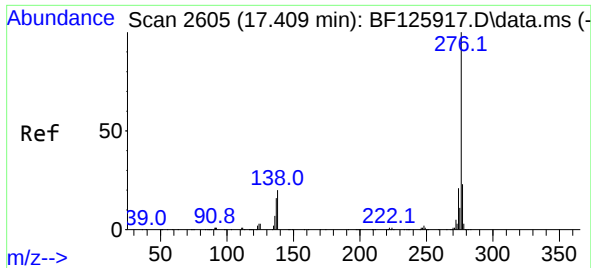
mohammad
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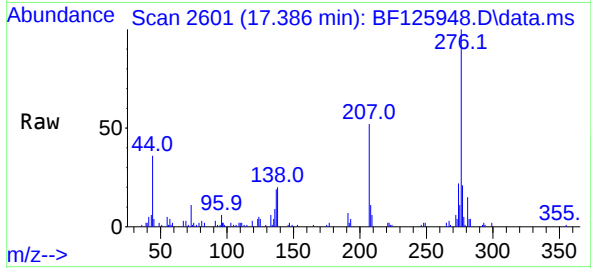
#90
Benzo(a)pyrene
Concen: 4.784 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF125948.D
Acq: 26 Oct 2021 22:47

Tgt Ion:252 Resp: 96718
Ion Ratio Lower Upper
252 100
253 20.9 18.4 27.6
125 13.1 9.9 14.9

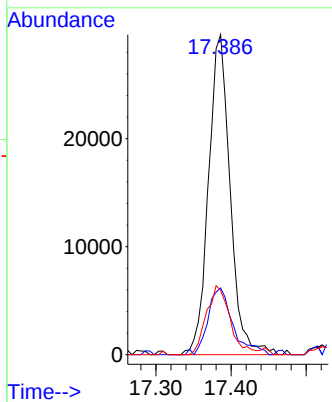
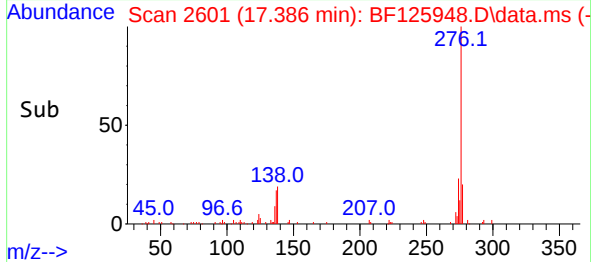




#92
 Benzo(g,h,i)perylene
 Concen: 2.564 ng m
 RT: 17.386 min Scan# 2601
 Delta R.T. -0.023 min
 Lab File: BF125948.D
 Acq: 26 Oct 2021 22:47



Tgt Ion:276	Resp:	59324
Ion	Ratio	Lower Upper
276	100	
277	20.9	22.0 33.0#
138	20.1	22.2 33.4#



Instrument :
 BNA_F
 ClientSampleId :
 TH-EES

Manual Integrations
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