

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125117.D
 Acq On : 19 Aug 2021 16:38
 Operator : JU/CG
 Sample : M3449-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Manual Integrations
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Quant Time: Aug 19 18:24:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	172648	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	658413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	341254	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	588966	20.000	ng	0.00
76) Chrysene-d12	14.080	240	351792	20.000	ng	0.00
86) Perylene-d12	15.580	264	346664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	921270	80.767	ng	0.00
7) Phenol-d6	6.534	99	1174304	79.602	ng	0.00
23) Nitrobenzene-d5	7.481	82	785837	60.087	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	321365	94.340	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1392501	56.872	ng	0.00
79) Terphenyl-d14	13.033	244	1289497	58.395	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.468	178	91604	2.823	ng	100
75) Fluoranthene	12.657	202	210963	6.552	ng	98
78) Pyrene	12.886	202	215730	7.149	ng	99
81) Benzo(a)anthracene	14.074	228	92175	3.637	ng	94
83) Chrysene	14.109	228	101973	4.068	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	54444	2.180	ng	# 92
88) Benzo(b)fluoranthene	15.133	252	117567m	4.642	ng	
90) Benzo(a)pyrene	15.509	252	83685	3.741	ng	98
92) Benzo(g,h,i)perylene	17.533	276	52590	2.527	ng	95

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

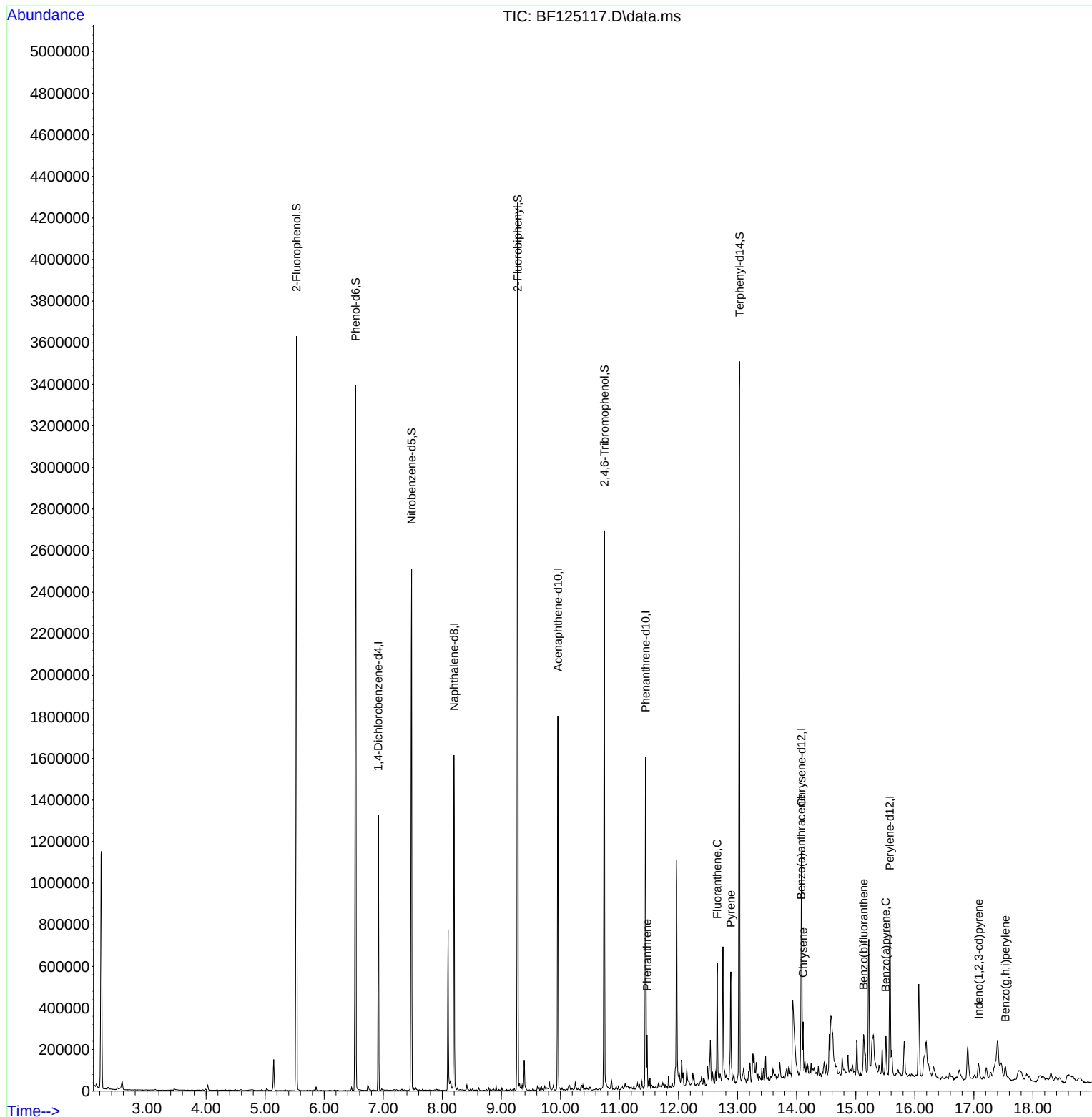
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Data File : BF125117.D
Acq On : 19 Aug 2021 16:38
Operator : JU/CG
Sample : M3449-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

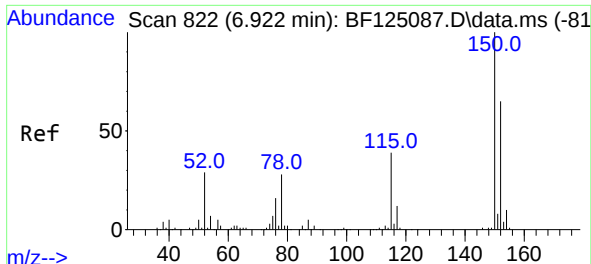
Instrument :
BNA_F
ClientSampled :
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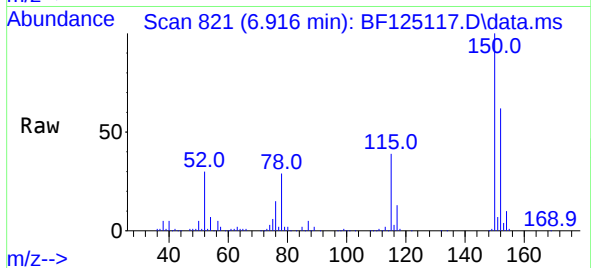
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Quant Time: Aug 19 18:24:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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QLast Update : Wed Aug 18 17:03:50 2021
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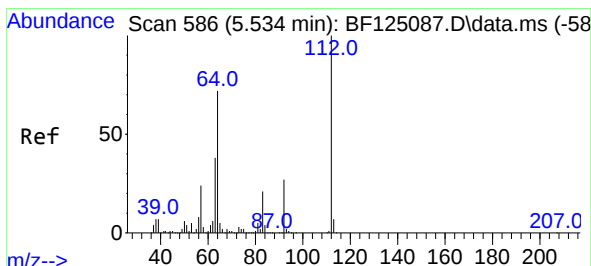
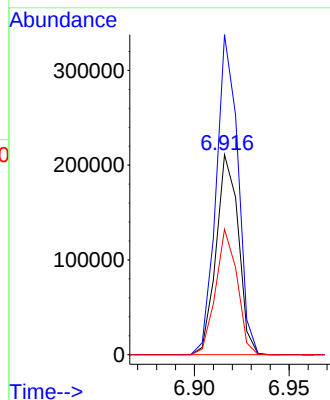
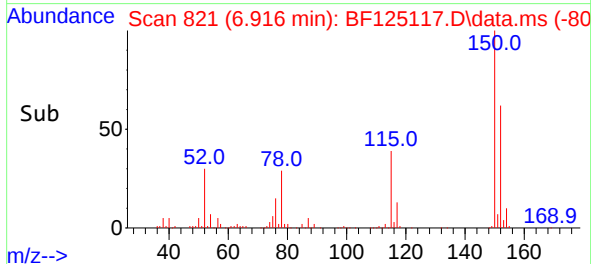




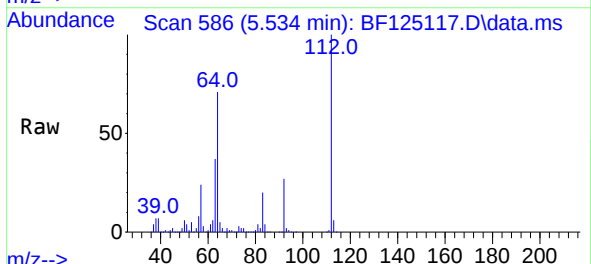
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38



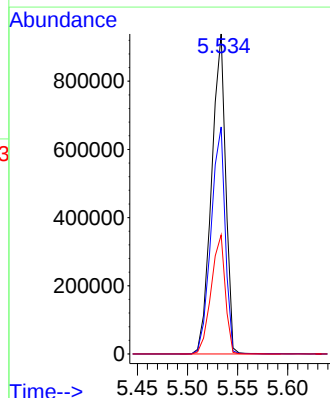
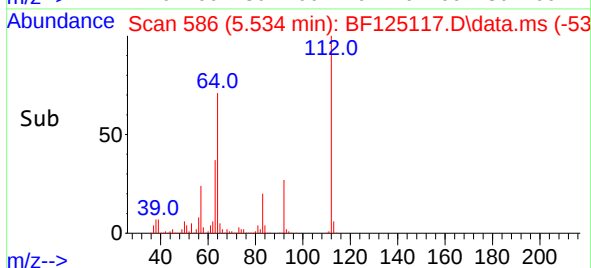
Tgt Ion:152 Resp: 172648
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 80.767 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.000 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38



Tgt Ion:112 Resp: 921270
Ion Ratio Lower Upper
112 100
64 70.9 44.2 66.2#
63 37.2 26.2 39.2



Instrument :
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ClientSampled :
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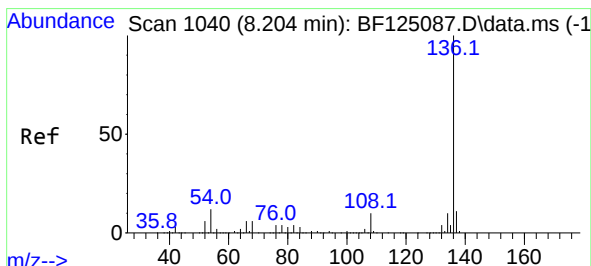
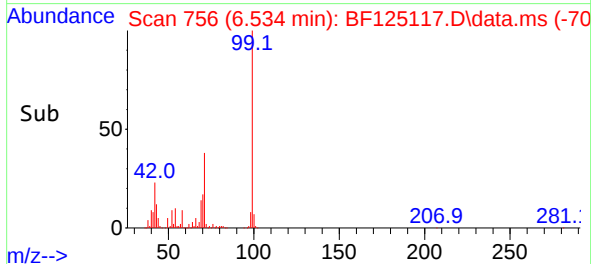
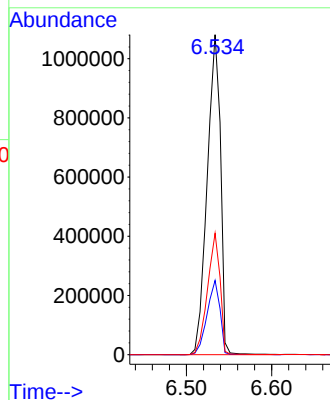
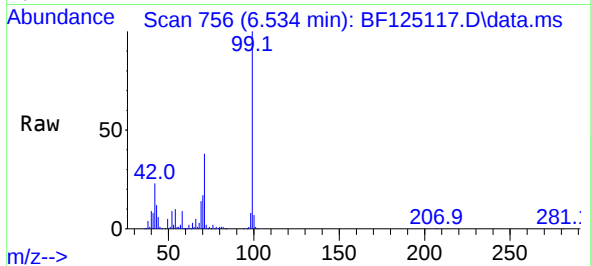
#7
Phenol-d6
Concen: 79.602 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion: 99 Resp: 1174304
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 37.9 25.6 38.4

Instrument :
BNA_F
ClientSampled :
TP6

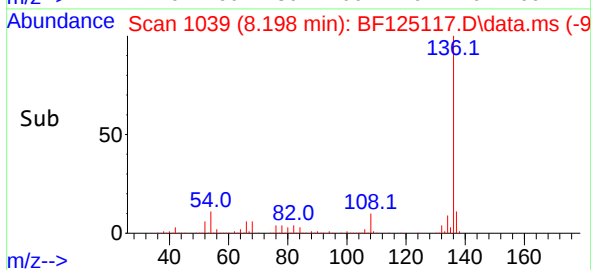
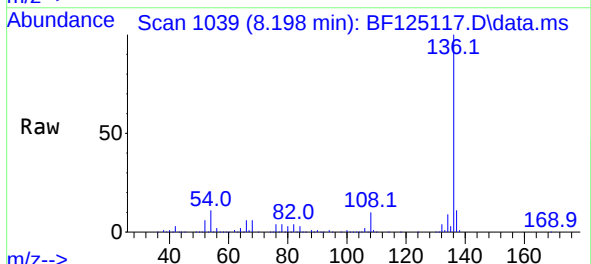
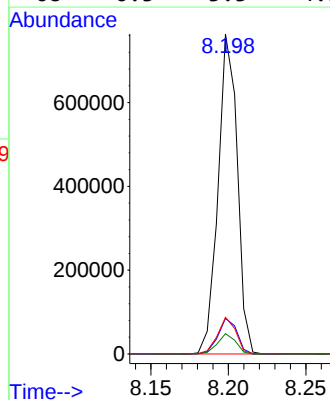
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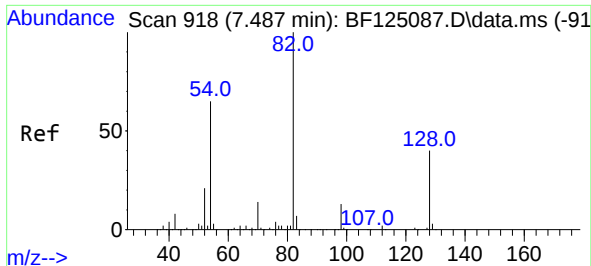
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion: 136 Resp: 658413
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 11.5 6.4 9.6#
68 6.3 3.3 4.9#





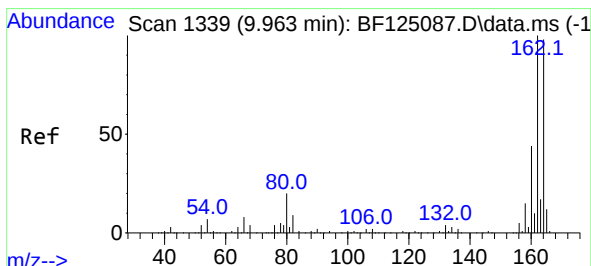
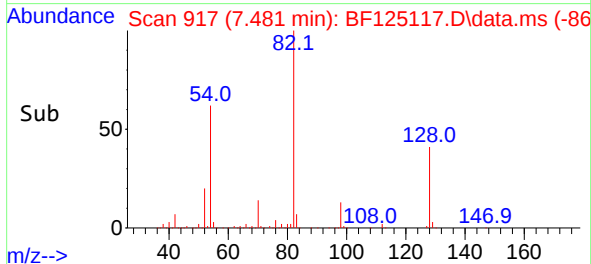
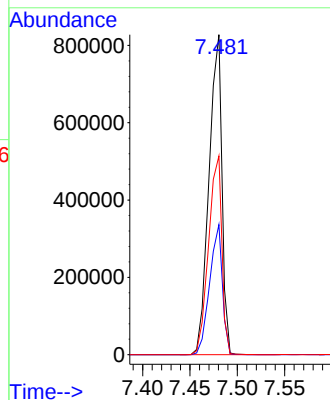
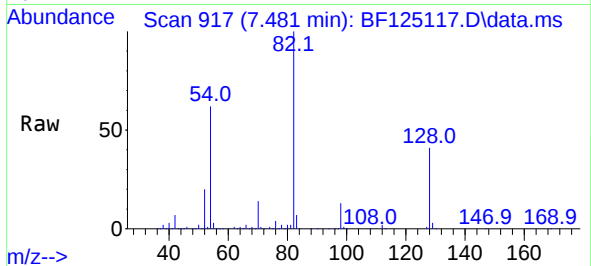
#23
Nitrobenzene-d5
Concen: 60.087 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion: 82 Resp: 785837
Ion Ratio Lower Upper
82 100
128 40.7 40.6 60.8
54 62.1 49.6 74.4

Instrument :
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ClientSampleId :
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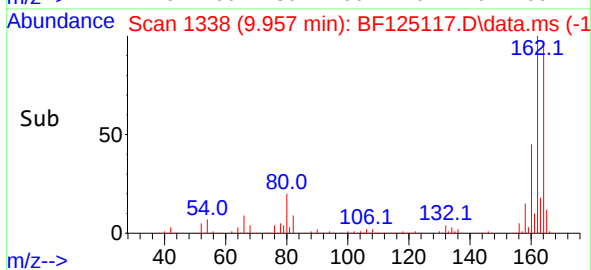
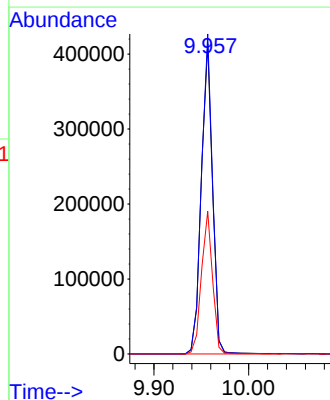
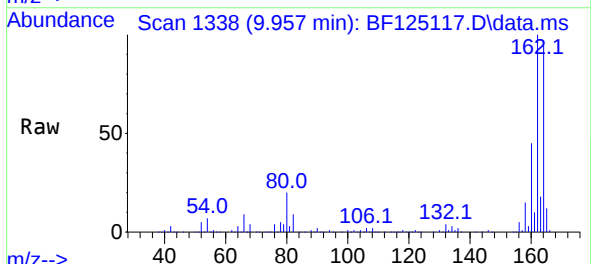
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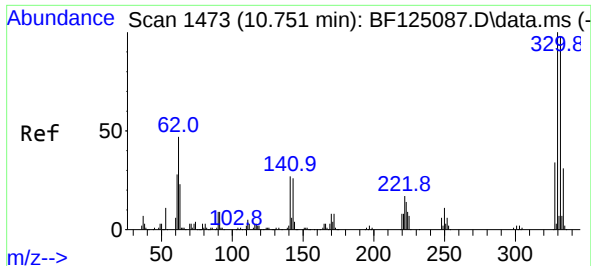
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:164 Resp: 341254
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 46.0 38.0 57.0





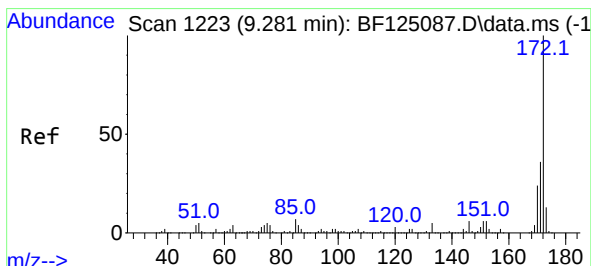
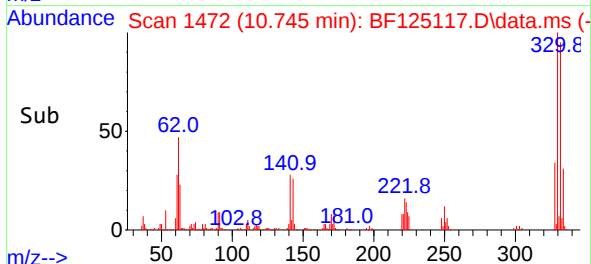
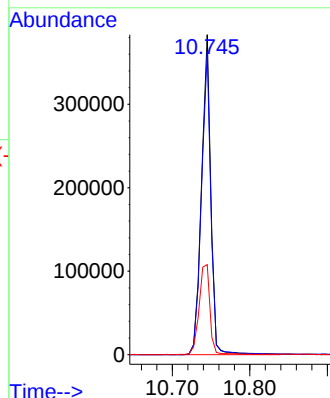
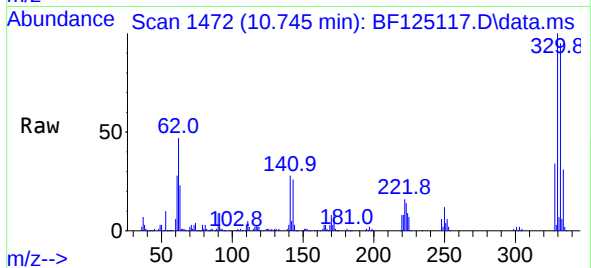
#42
2,4,6-Tribromophenol
Concen: 94.340 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Instrument :
BNA_F
ClientSampled :
TP6

Tgt Ion:330 Resp: 321365
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.9 44.6 66.8#

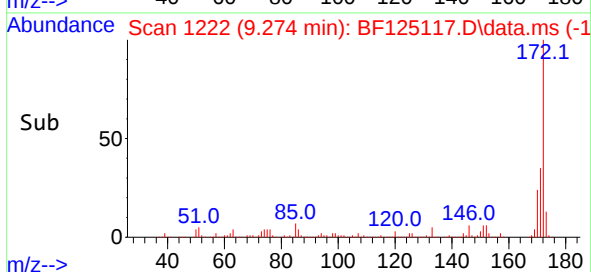
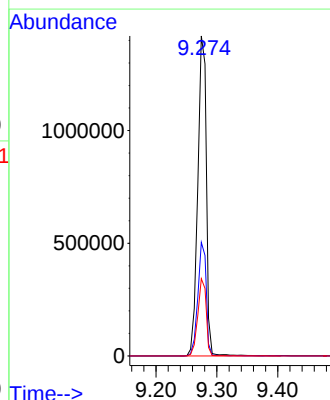
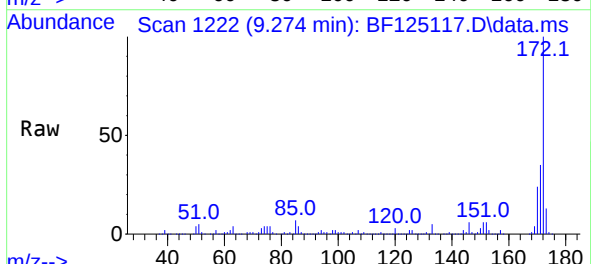
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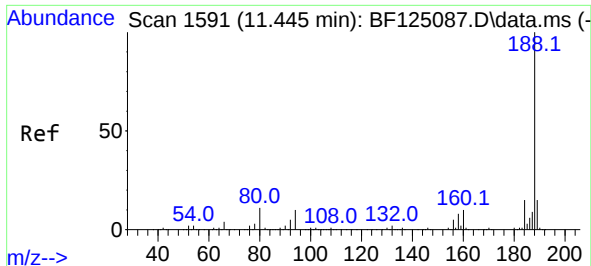
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#45
2-Fluorobiphenyl
Concen: 56.872 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

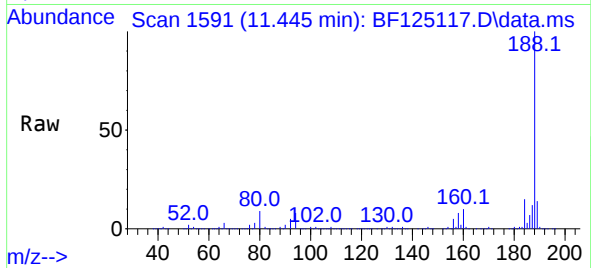
Tgt Ion:172 Resp: 1392501
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.1 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

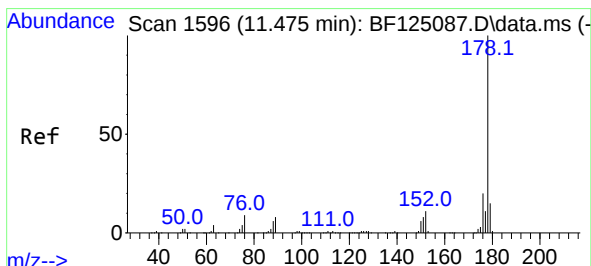
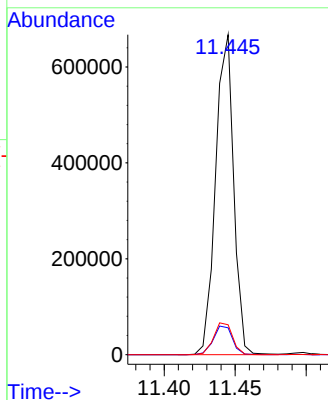
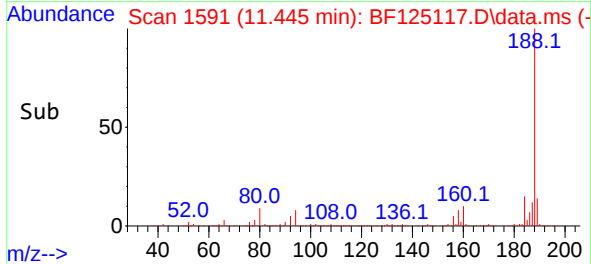
Instrument :
BNA_F
ClientSampled :
TP6



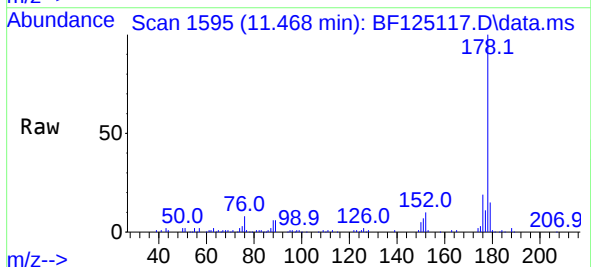
Tgt Ion:188 Resp: 588966
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.4 7.5 11.3

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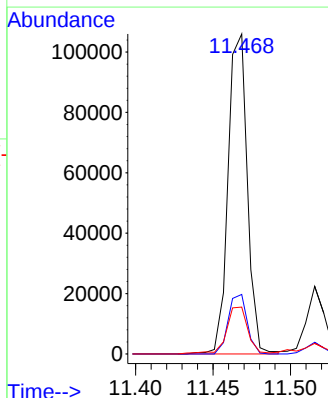
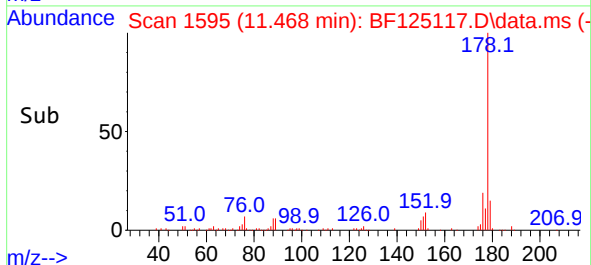
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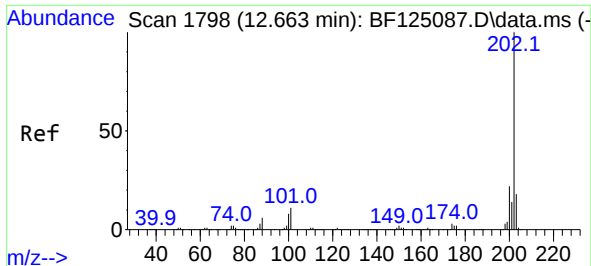


#71
Phenanthrene
Concen: 2.823 ng
RT: 11.468 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38



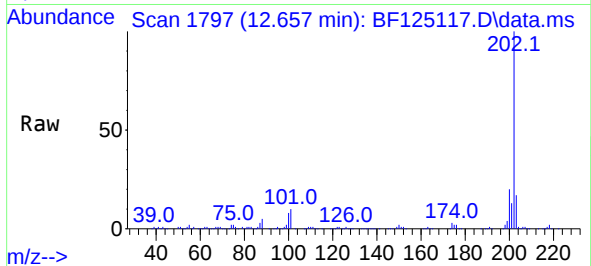
Tgt Ion:178 Resp: 91604
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 14.6 11.5 17.3





#75
Fluoranthene
Concen: 6.552 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

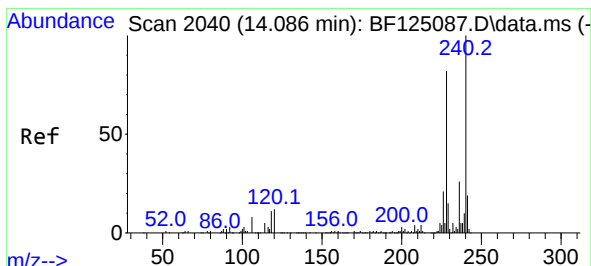
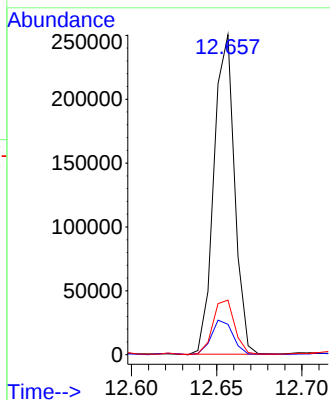
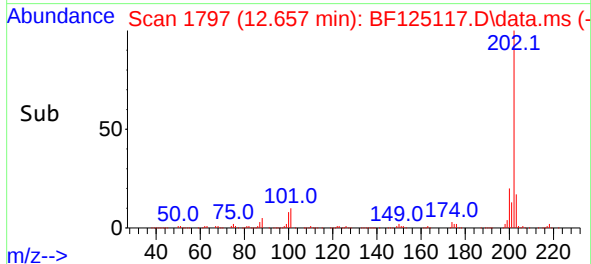
Instrument :
BNA_F
ClientSampleId :
TP6



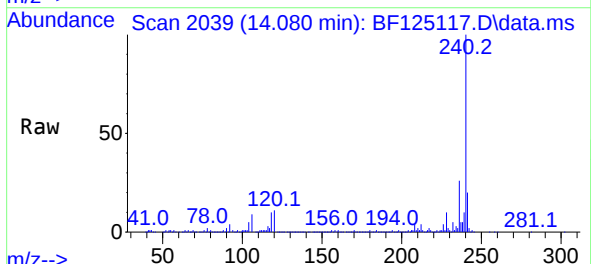
Tgt Ion:202 Resp: 210963
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.0 0.0 36.3

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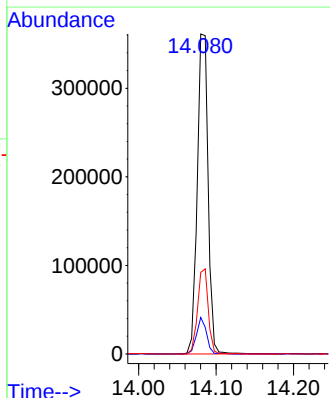
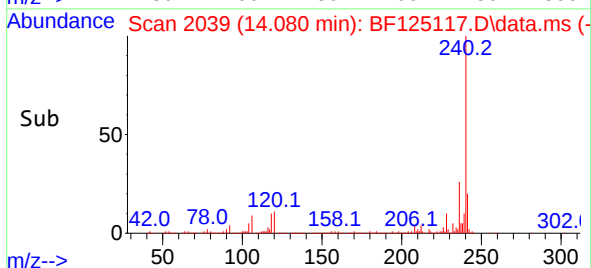
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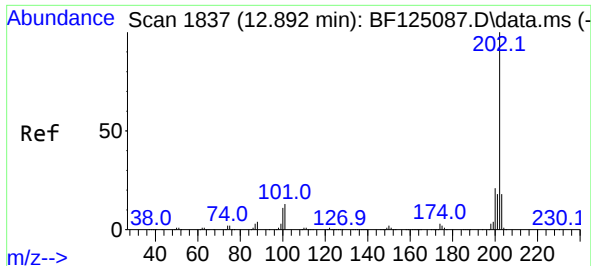


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38



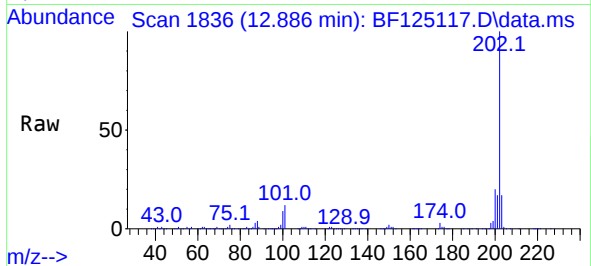
Tgt Ion:240 Resp: 351792
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.5 21.6 32.4





#78
Pyrene
Concen: 7.149 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

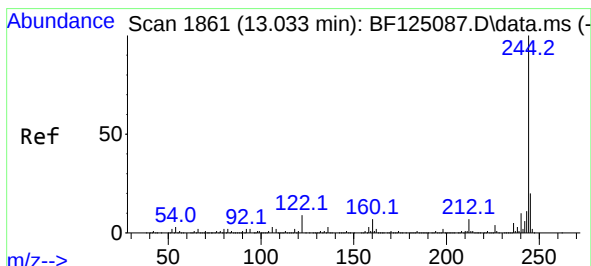
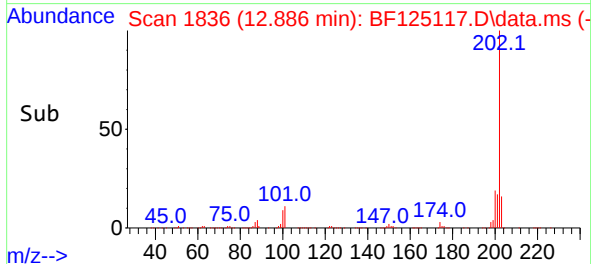
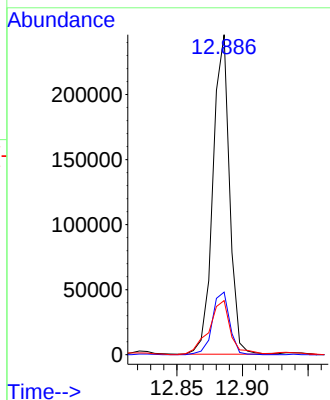
Instrument :
BNA_F
ClientSampled :
TP6



Tgt Ion:202 Resp: 215730
Ion Ratio Lower Upper
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203 16.9 13.4 20.0

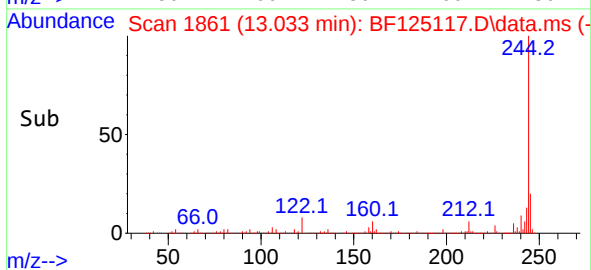
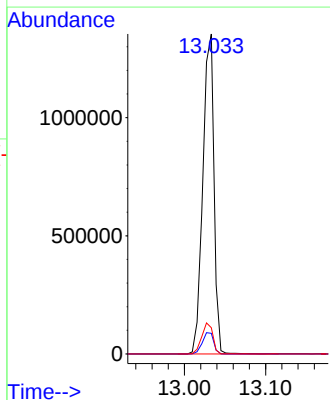
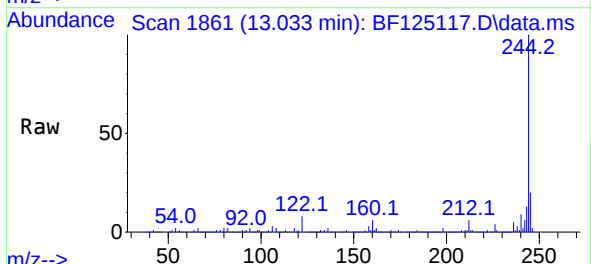
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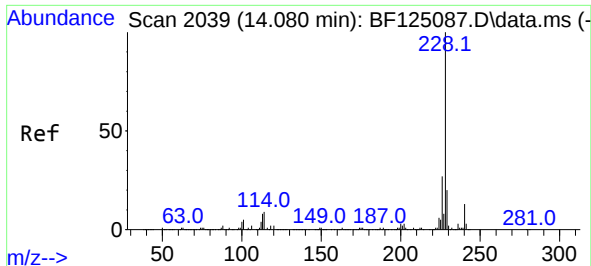
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#79
Terphenyl-d14
Concen: 58.395 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:244 Resp: 1289497
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.2 9.0 13.4#





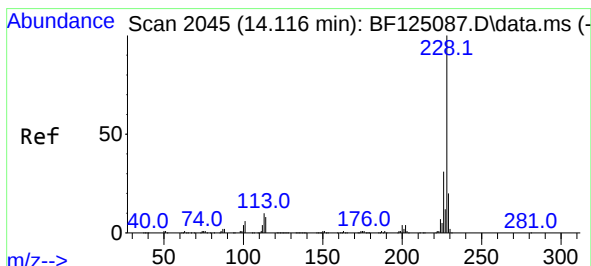
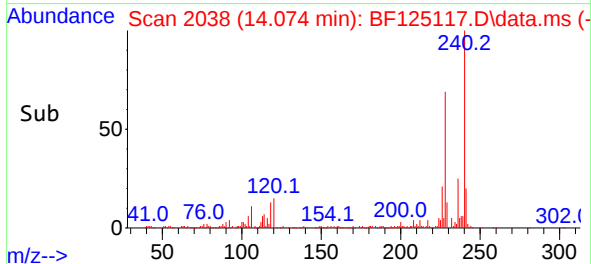
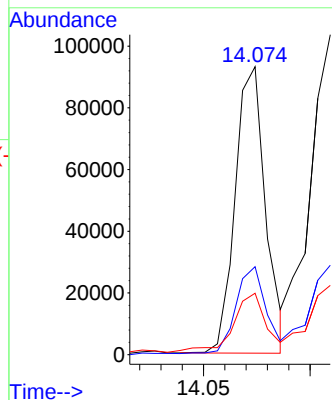
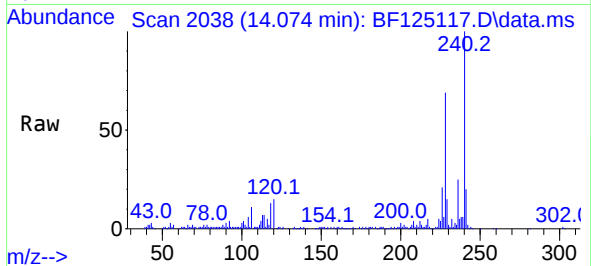
#81
Benzo(a)anthracene
Concen: 3.637 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:228 Resp: 92175
Ion Ratio Lower Upper
228 100
226 30.5 21.6 32.4
229 21.3 15.6 23.4

Instrument :
BNA_F
ClientSampled :
TP6

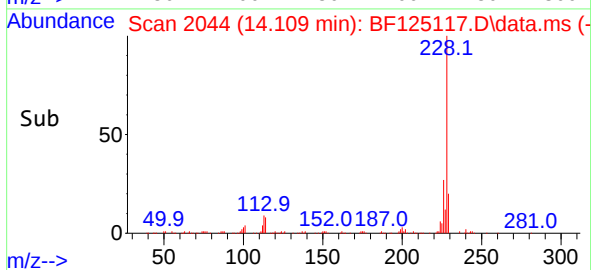
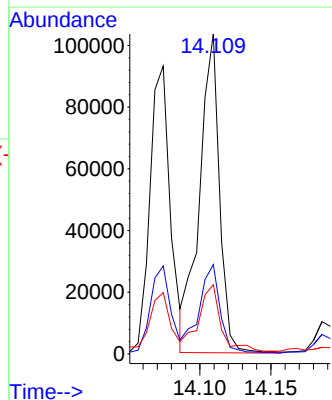
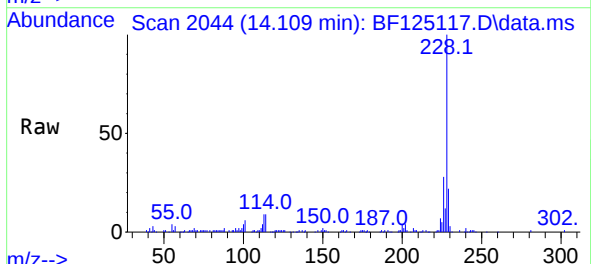
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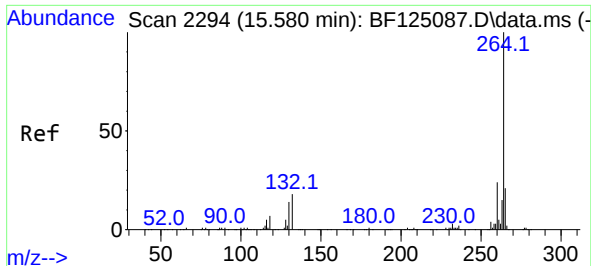
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#83
Chrysene
Concen: 4.068 ng
RT: 14.109 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

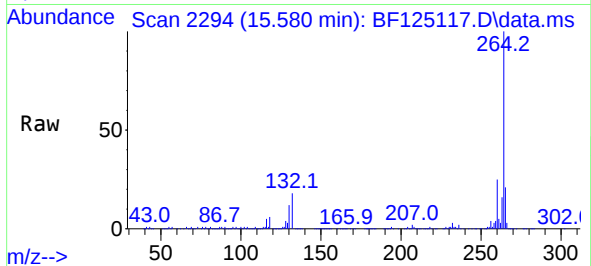
Tgt Ion:228 Resp: 101973
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 21.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

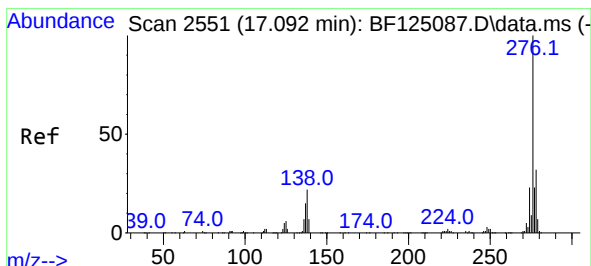
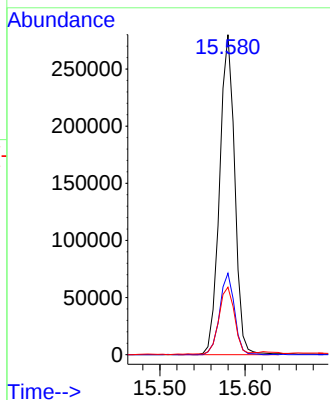
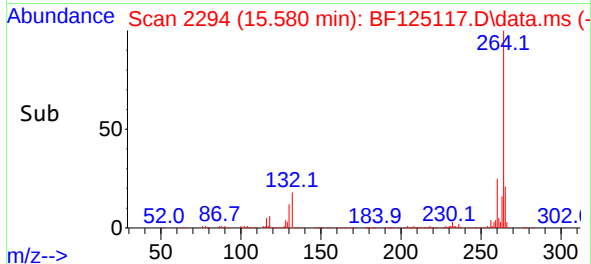
Instrument :
BNA_F
ClientSampled :
TP6



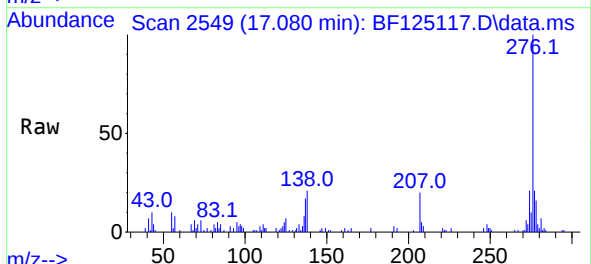
Tgt Ion:264 Resp: 346664
Ion Ratio Lower Upper
264 100
260 25.5 19.6 29.4
265 21.1 17.2 25.8

Manual Integrations
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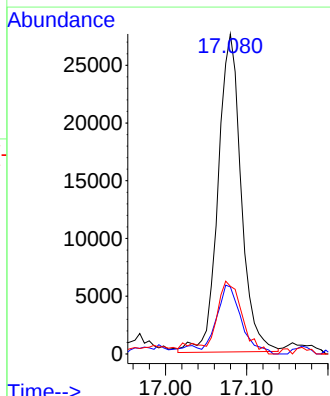
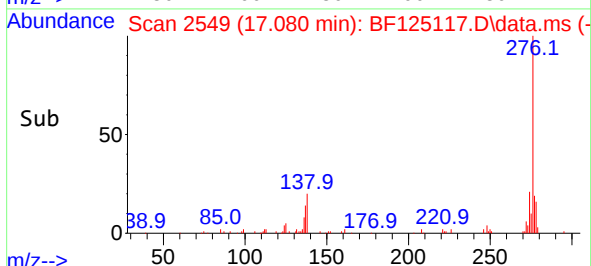
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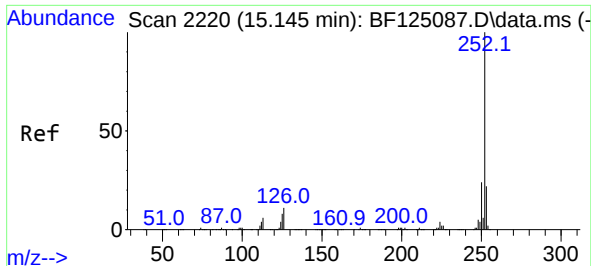


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.180 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38



Tgt Ion:276 Resp: 54444
Ion Ratio Lower Upper
276 100
138 22.8 24.1 36.1#
277 24.2 18.8 28.2





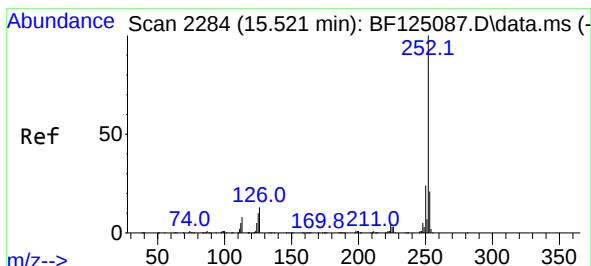
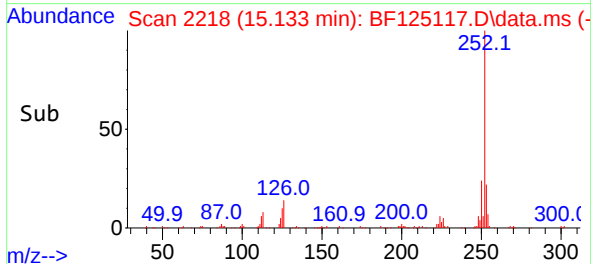
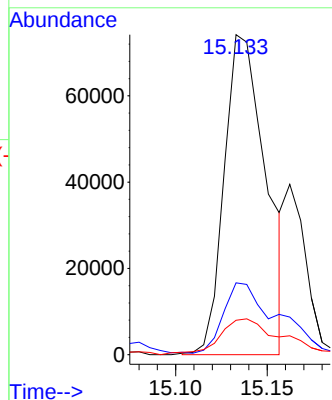
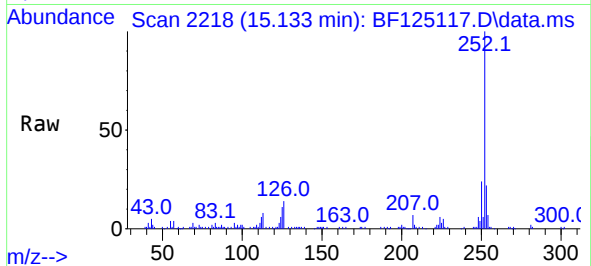
#88
Benzo(b)fluoranthene
Concen: 4.642 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:252 Resp: 117567
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 10.7 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
TP6

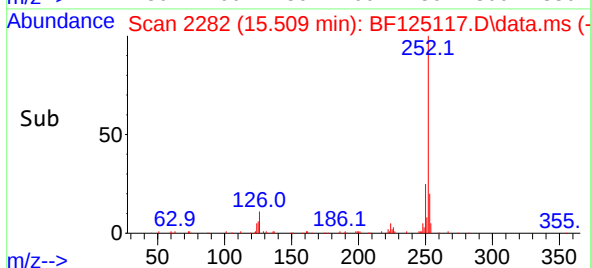
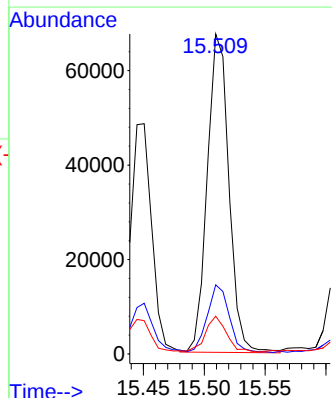
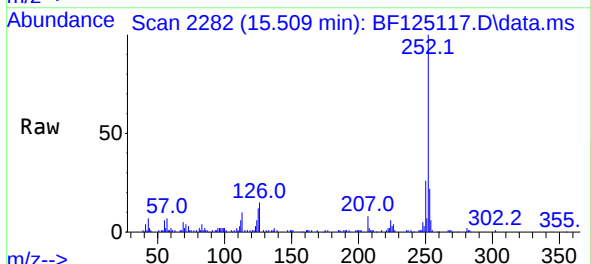
Manual Integrations
APPROVED

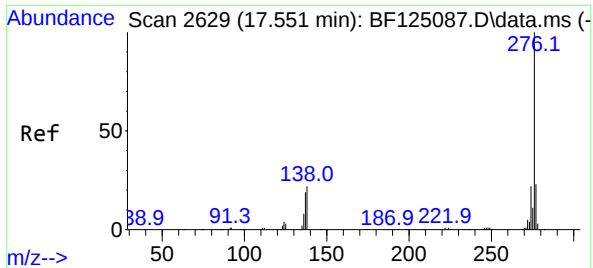
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#90
Benzo(a)pyrene
Concen: 3.741 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:252 Resp: 83685
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 11.8 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 2.527 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BF125117.D
Acq: 19 Aug 2021 16:38

Tgt Ion:	276	Resp:	52590
Ion Ratio	Lower	Upper	
276	100		
277	27.0	22.0	33.0
138	23.3	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
TP6

Manual Integrations
APPROVED

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