

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125337.D
 Acq On : 2 Sep 2021 23:55
 Operator : JU/CG
 Sample : M3634-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-090121

Manual Integrations
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Quant Time: Sep 03 05:01:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	167087	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	667240	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	348177	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	548358	20.000	ng	0.00
76) Chrysene-d12	14.080	240	393404	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	273745	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	91118	8.254	ng	-0.01
7) Phenol-d6	6.528	99	117349	8.219	ng	-0.01
23) Nitrobenzene-d5	7.469	82	73618	5.555	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	30750	8.847	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	152855	6.119	ng	-0.01
79) Terphenyl-d14	13.021	244	123369	4.996	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.463	178	149911	4.962	ng	99
75) Fluoranthene	12.651	202	337337	11.252	ng	97
78) Pyrene	12.880	202	263922	7.821	ng	98
81) Benzo(a)anthracene	14.068	228	105639	3.727	ng	97
83) Chrysene	14.104	228	135000m	4.816	ng	
88) Benzo(b)fluoranthene	15.139	252	126830m	6.342	ng	
89) Benzo(k)fluoranthene	15.168	252	41194m	2.207	ng	
90) Benzo(a)pyrene	15.521	252	72294	4.092	ng	# 96
92) Benzo(g,h,i)perylene	17.562	276	38034	2.314	ng	92

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

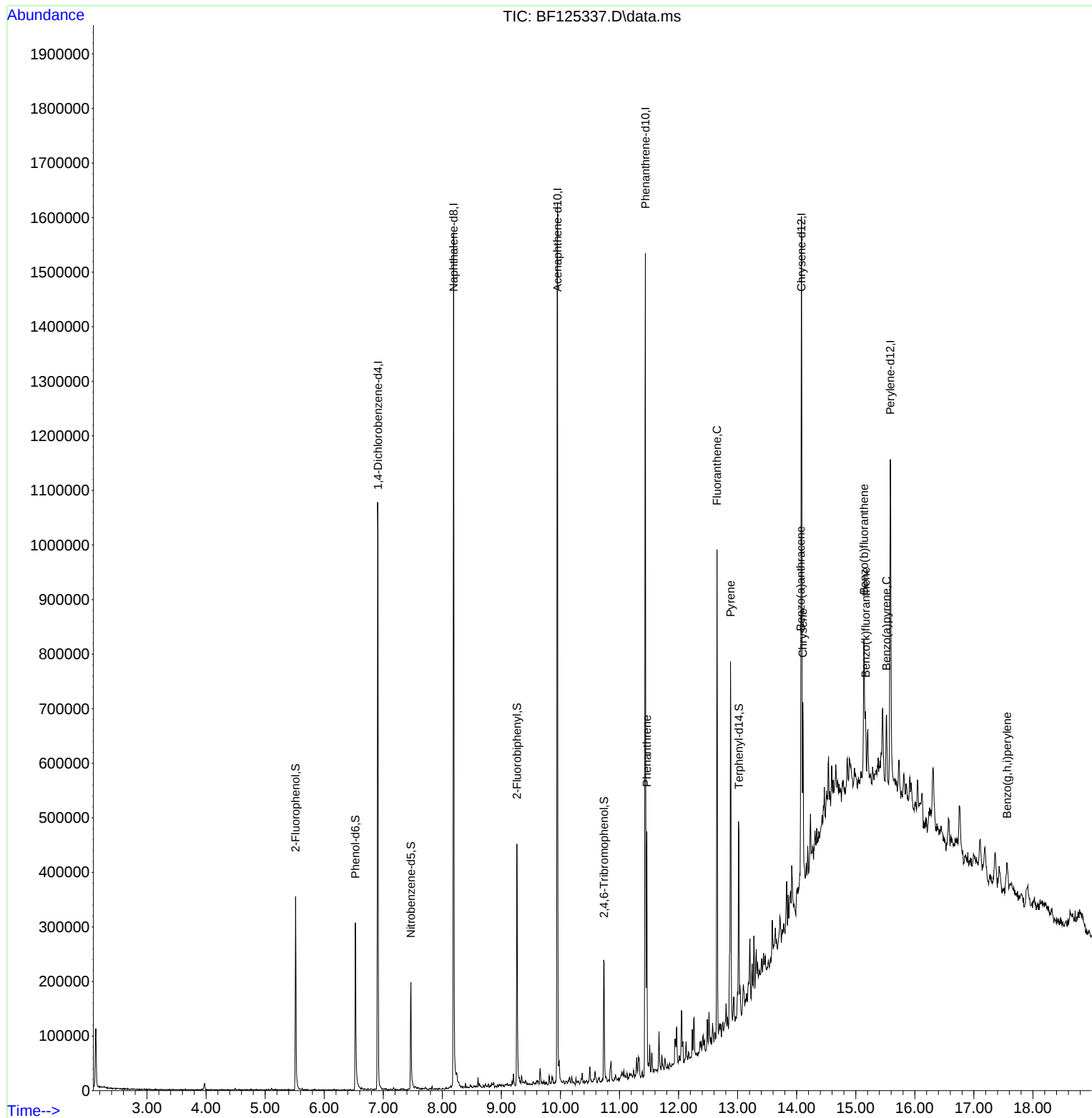
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125337.D
Acq On : 2 Sep 2021 23:55
Operator : JU/CG
Sample : M3634-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

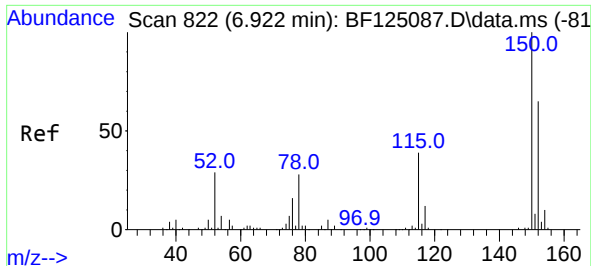
Instrument :
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ClientSampleId :
OK-01-090121

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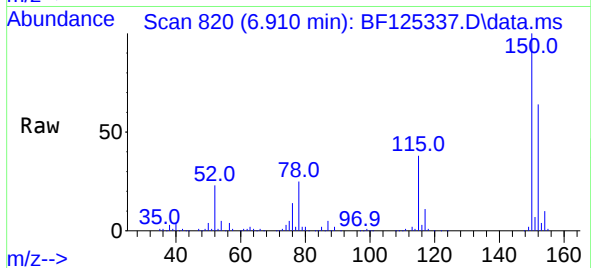
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

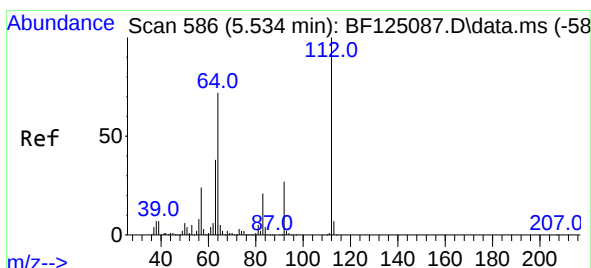
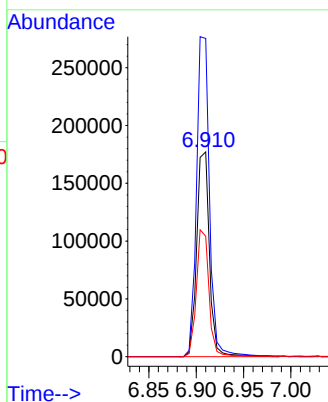
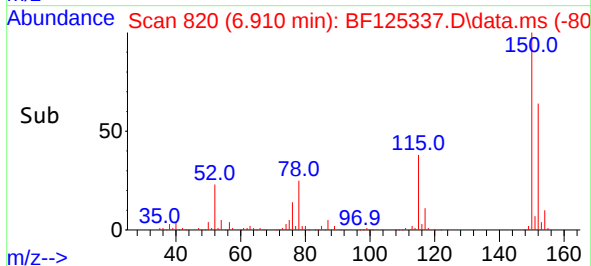
Instrument :
BNA_F
ClientSampleId :
OK-01-090121



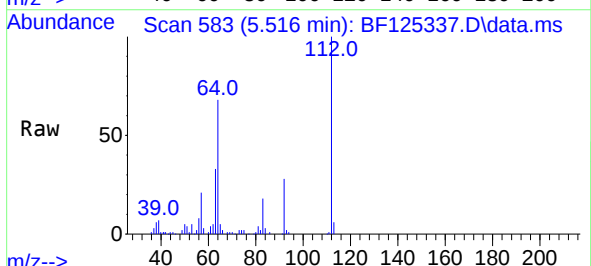
Tgt Ion:152 Resp: 167087
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 58.8 47.1 70.7

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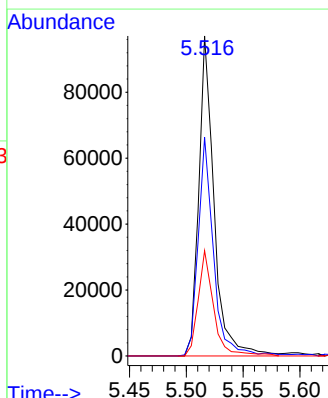
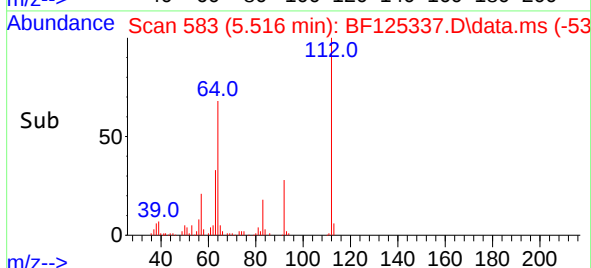
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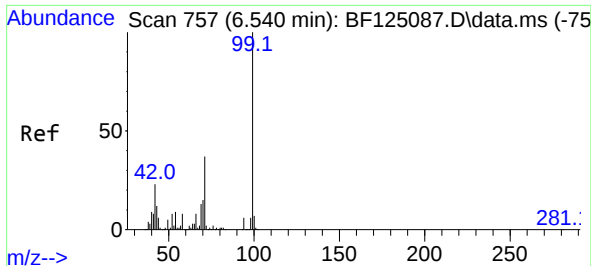


#5
2-Fluorophenol
Concen: 8.254 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55



Tgt Ion:112 Resp: 91118
Ion Ratio Lower Upper
112 100
64 68.4 44.2 66.2#
63 32.9 26.2 39.2





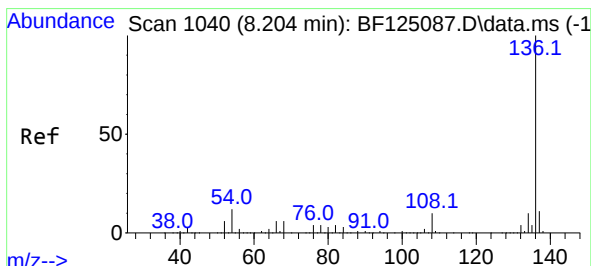
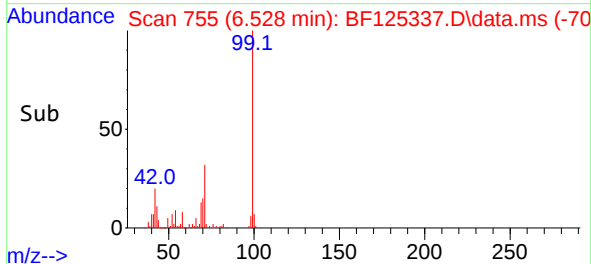
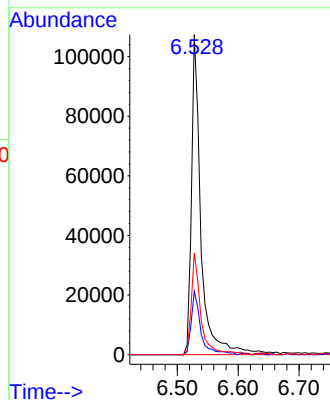
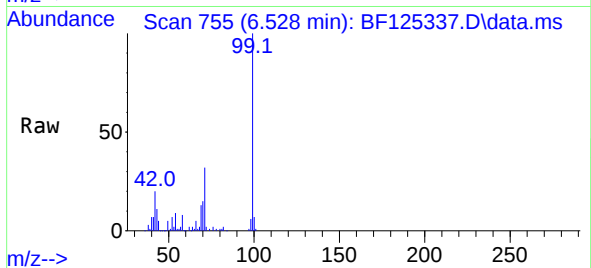
#7
Phenol-d6
Concen: 8.219 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion: 99 Resp: 117349
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 31.8 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
OK-01-090121

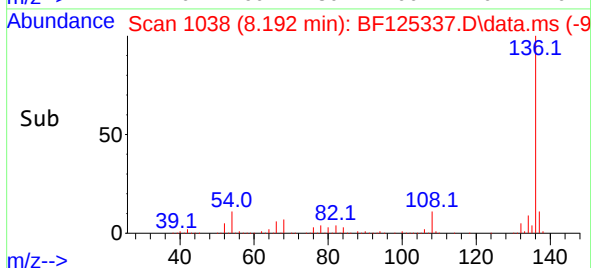
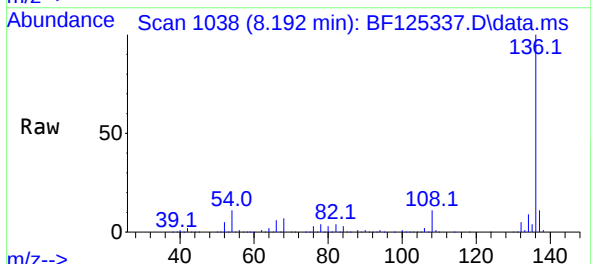
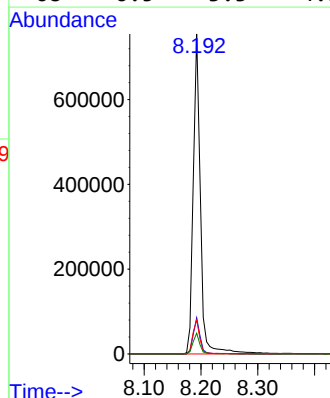
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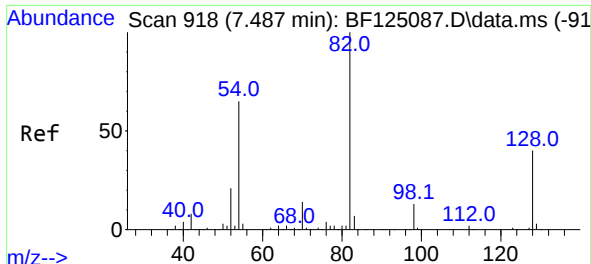
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion: 136 Resp: 667240
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 10.7 6.4 9.6#
68 6.5 3.3 4.9#





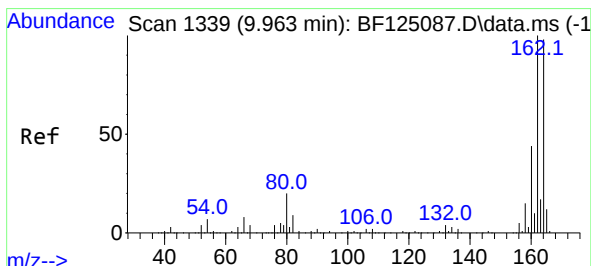
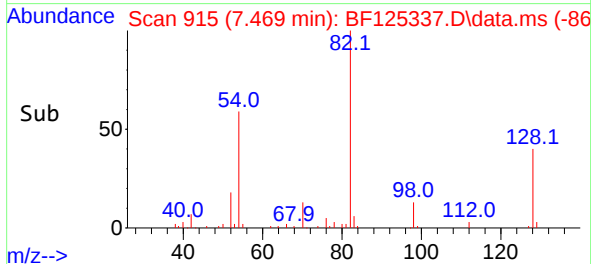
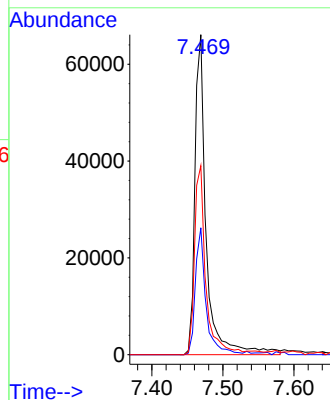
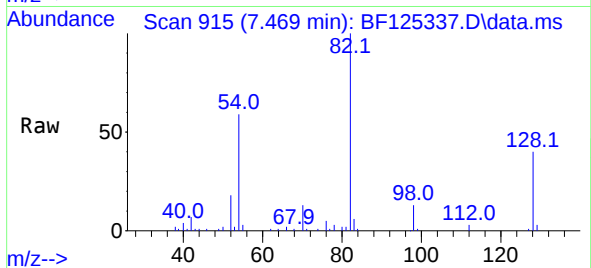
#23
Nitrobenzene-d5
Concen: 5.555 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion: 82 Resp: 73618
Ion Ratio Lower Upper
82 100
128 39.6 40.6 60.8#
54 59.1 49.6 74.4

Instrument :
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ClientSampleId :
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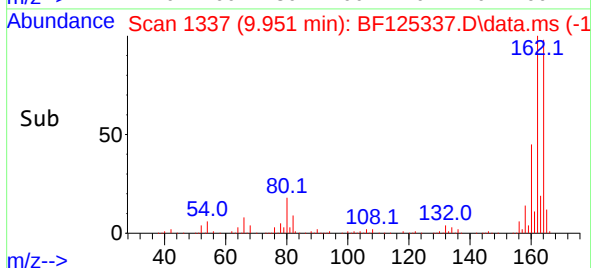
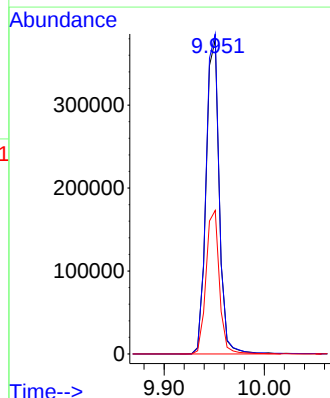
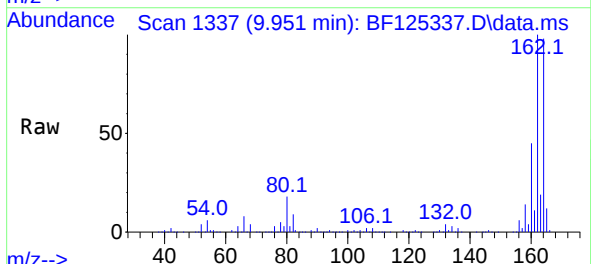
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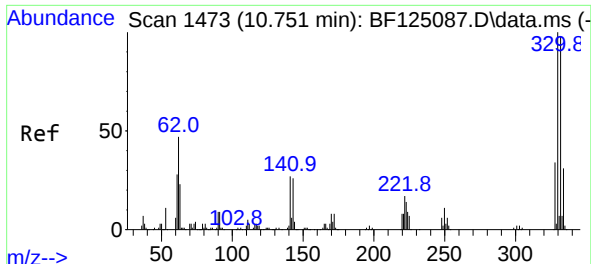
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

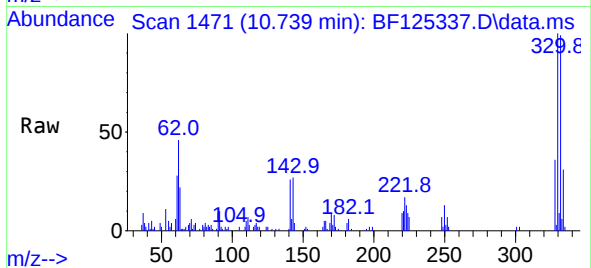
Tgt Ion:164 Resp: 348177
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.7 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 8.847 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

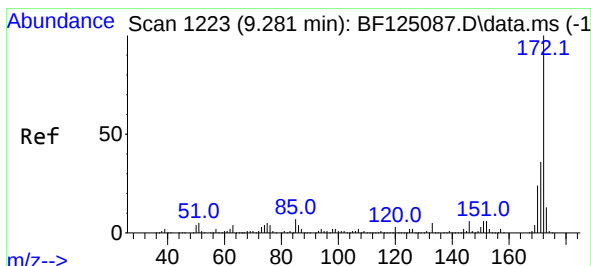
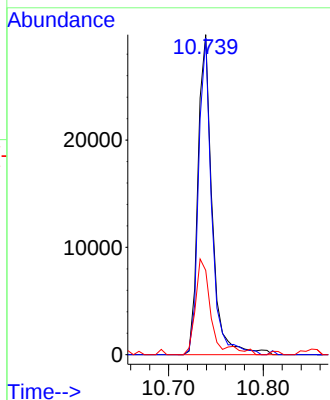
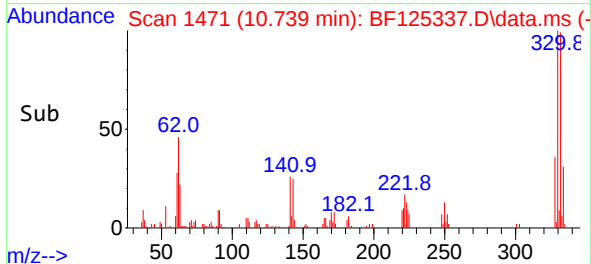
Instrument :
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ClientSampleId :
OK-01-090121



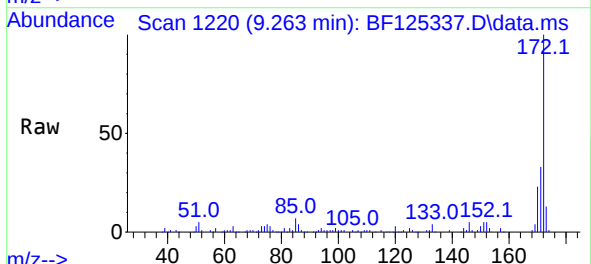
Tgt Ion:330 Resp: 30750
Ion Ratio Lower Upper
330 100
332 92.7 76.2 114.4
141 33.4 44.6 66.8#

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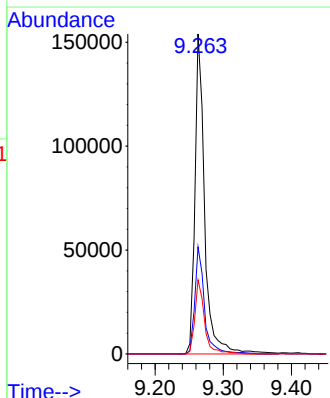
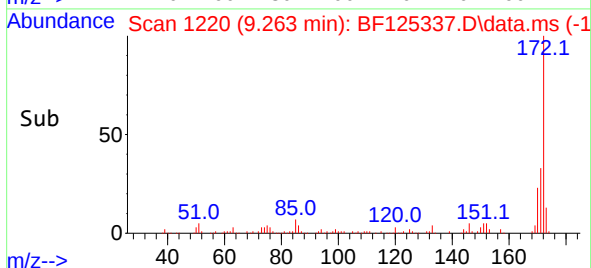
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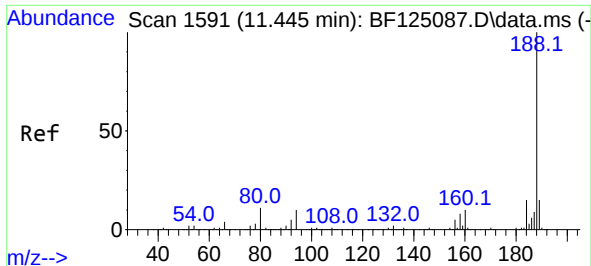


#45
2-Fluorobiphenyl
Concen: 6.119 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55



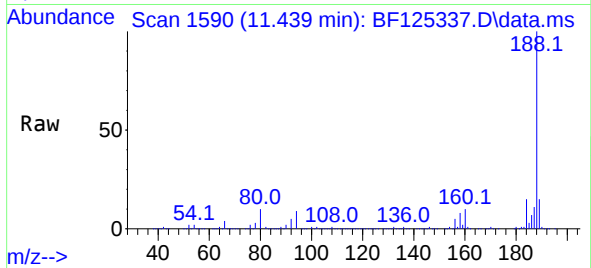
Tgt Ion:172 Resp: 152855
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.2 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

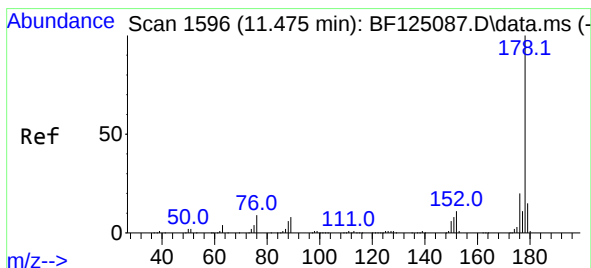
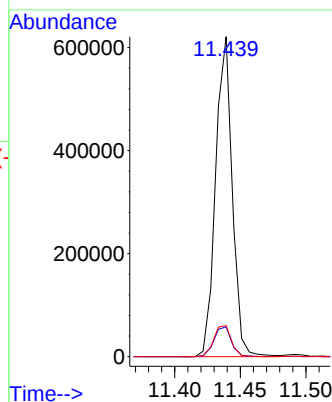
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ClientSampleId :
OK-01-090121



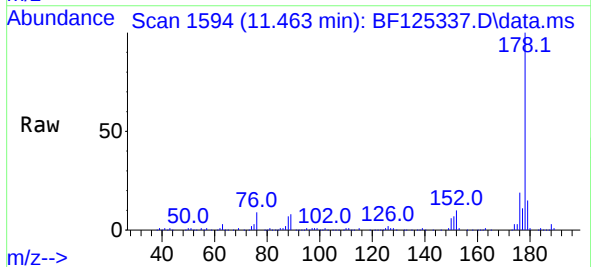
Tgt Ion:188 Resp: 548358
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.7 7.5 11.3

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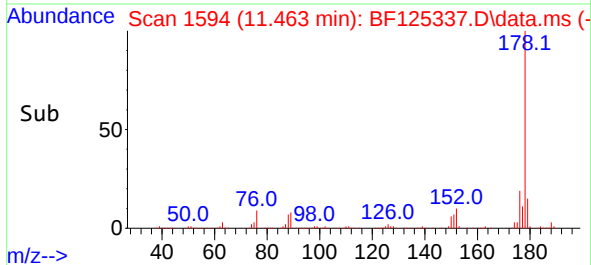
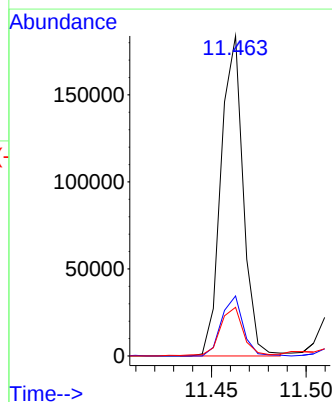
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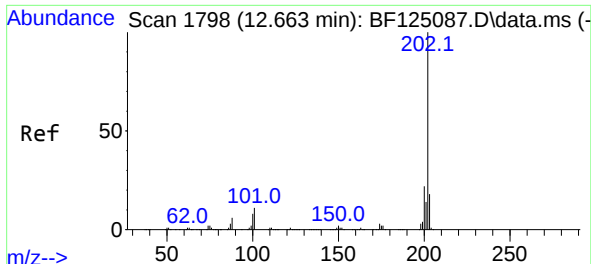


#71
Phenanthrene
Concen: 4.962 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55



Tgt Ion:178 Resp: 149911
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.2 11.5 17.3





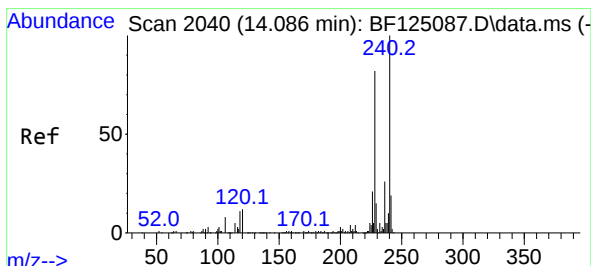
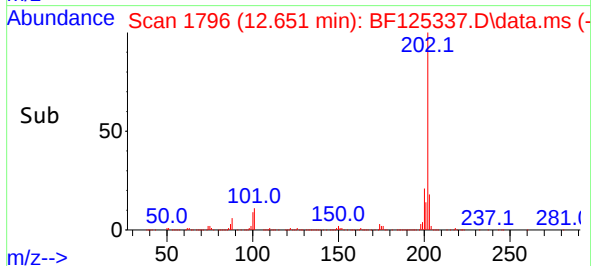
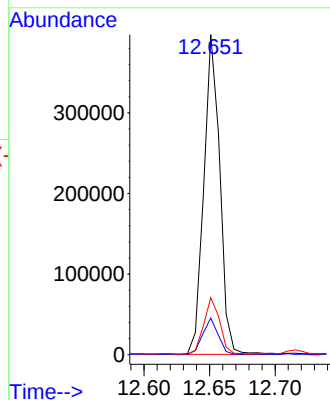
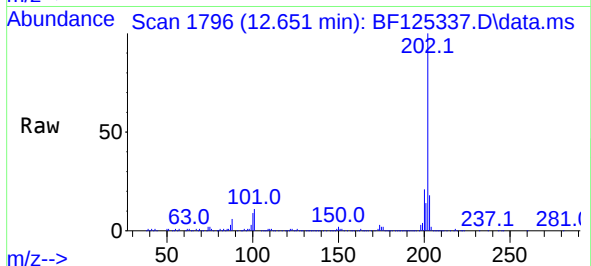
#75
Fluoranthene
Concen: 11.252 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:202 Resp: 337337
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 17.8 0.0 36.3

Instrument :
BNA_F
ClientSampleId :
OK-01-090121

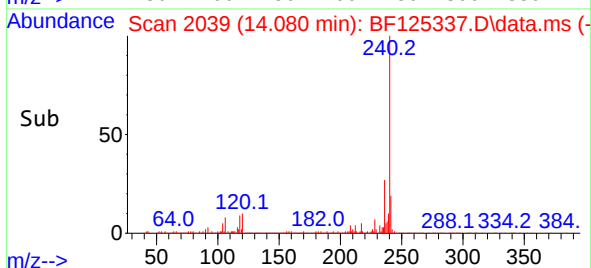
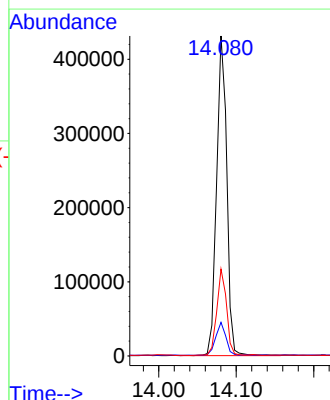
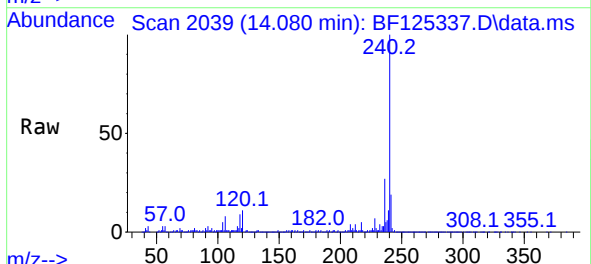
Manual Integrations
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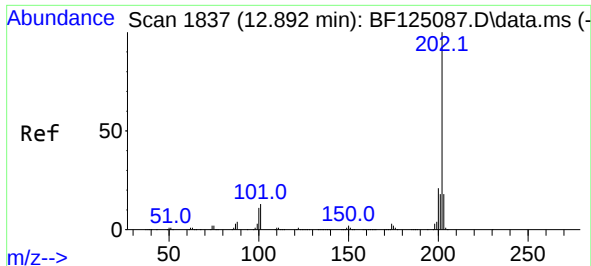
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

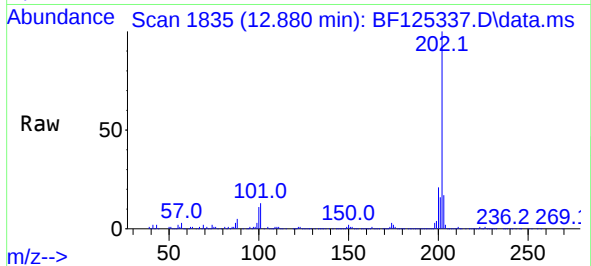
Tgt Ion:240 Resp: 393404
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 27.1 21.6 32.4





#78
Pyrene
Concen: 7.821 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

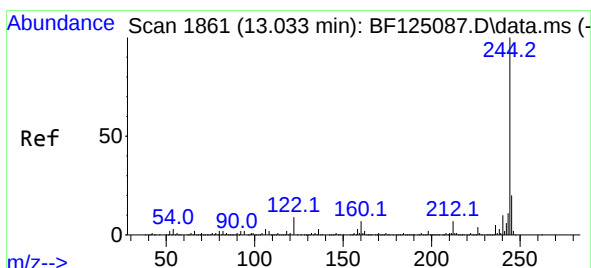
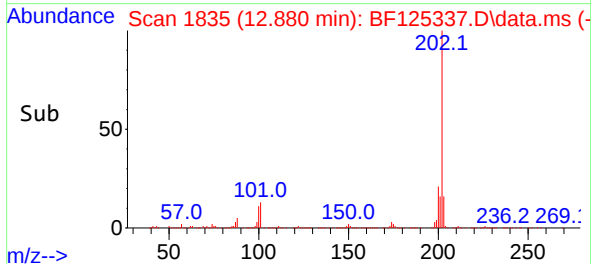
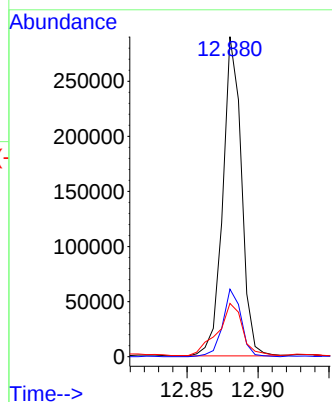
Instrument :
BNA_F
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OK-01-090121



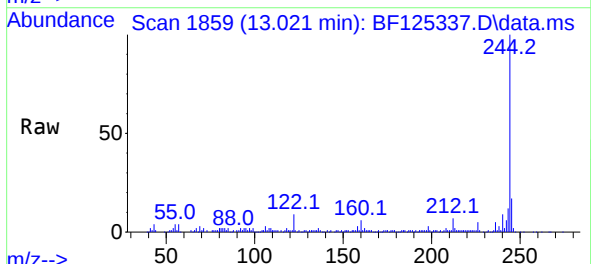
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Ion Ratio Lower Upper
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200 21.1 15.3 22.9
203 16.7 13.4 20.0

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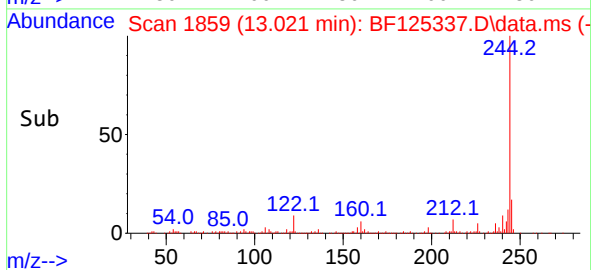
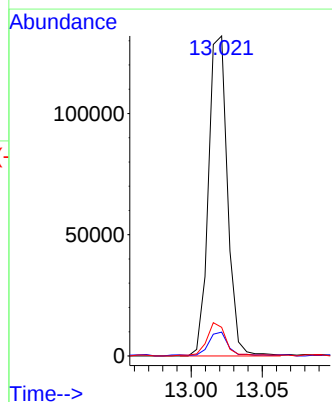
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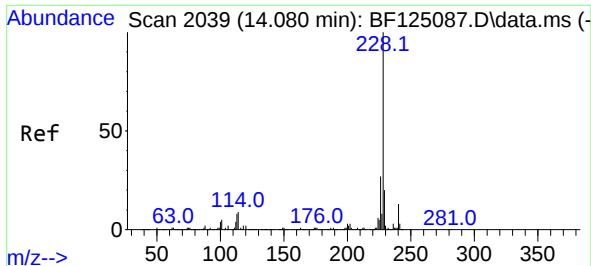


#79
Terphenyl-d14
Concen: 4.996 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55



Tgt Ion:244 Resp: 123369
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.9 9.0 13.4#





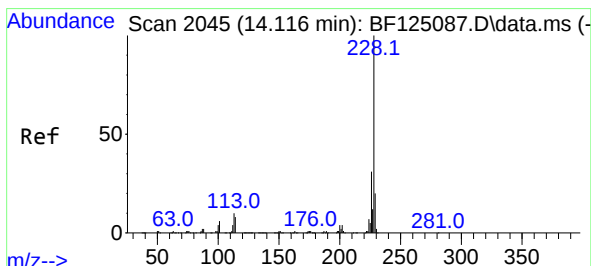
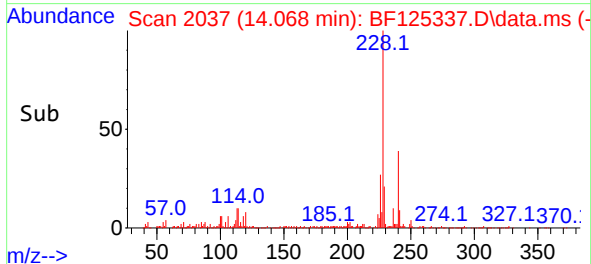
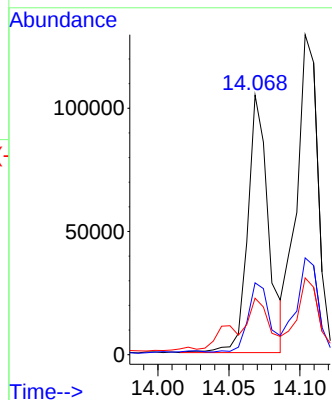
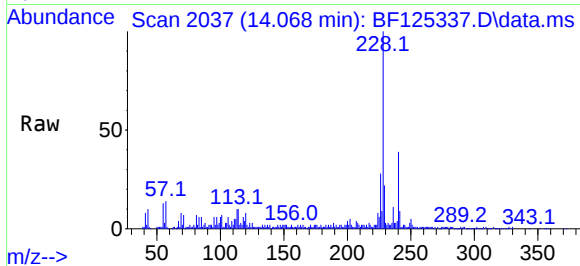
#81
Benzo(a)anthracene
Concen: 3.727 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:228 Resp: 105639
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 21.8 15.6 23.4

Instrument :
BNA_F
ClientSampled :
OK-01-090121

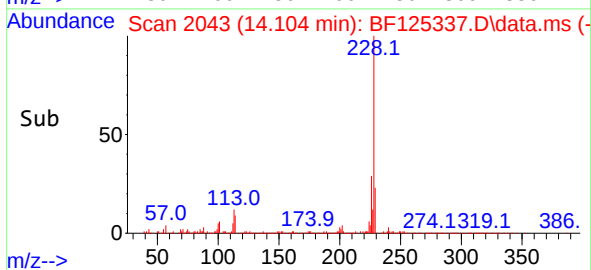
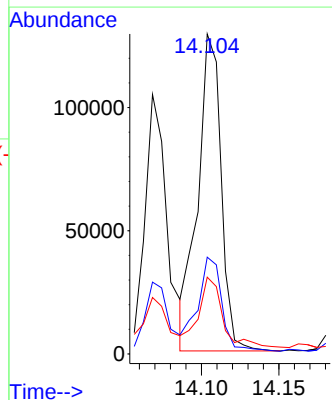
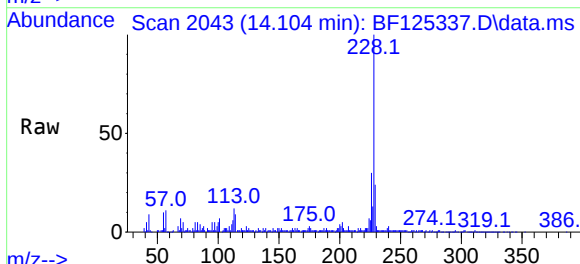
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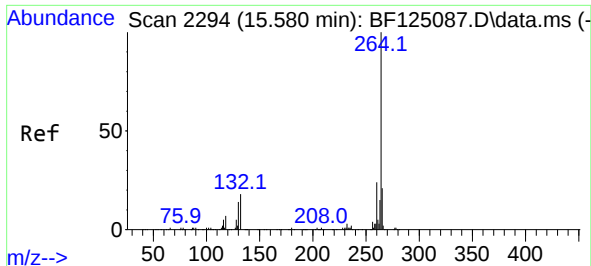
mohammad
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#83
Chrysene
Concen: 4.816 ng m
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:228 Resp: 135000
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 24.0 15.9 23.9#





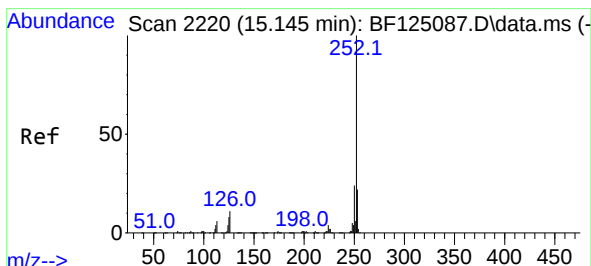
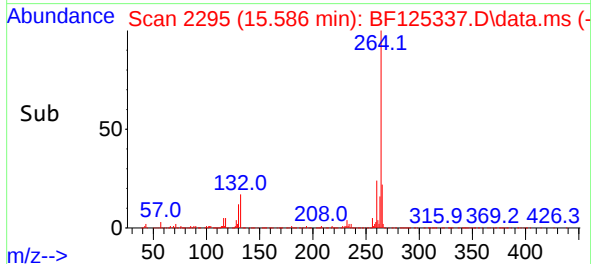
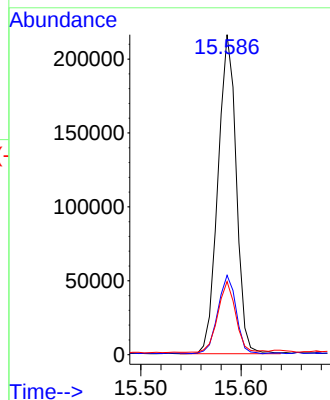
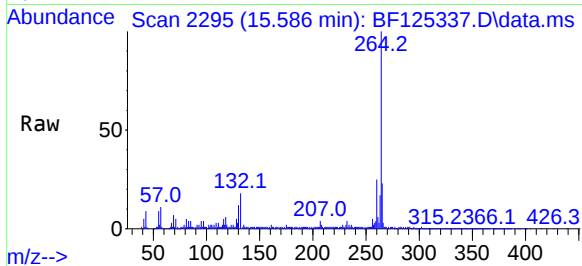
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:264 Resp: 273745
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.9 17.2 25.8

Instrument :
BNA_F
ClientSampleId :
OK-01-090121

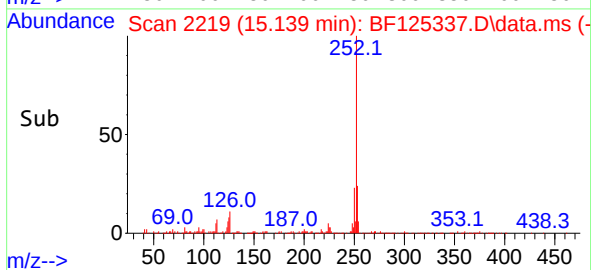
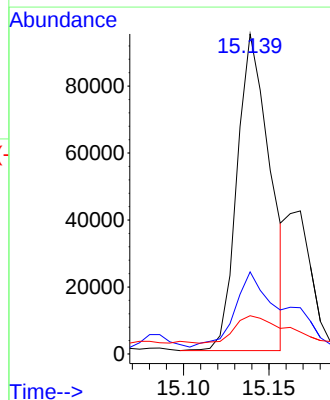
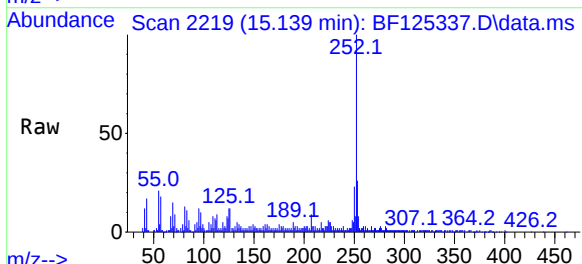
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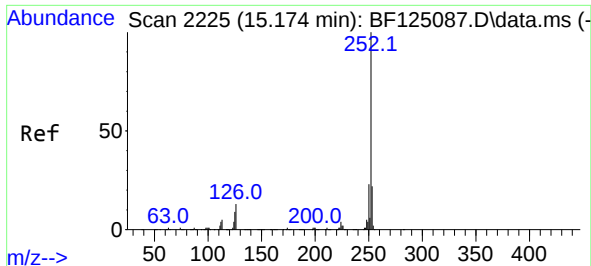
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#88
Benzo(b)fluoranthene
Concen: 6.342 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:252 Resp: 126830
Ion Ratio Lower Upper
252 100
253 25.6 16.8 25.2#
125 12.0 9.8 14.8





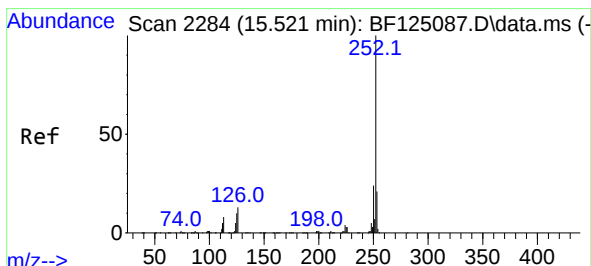
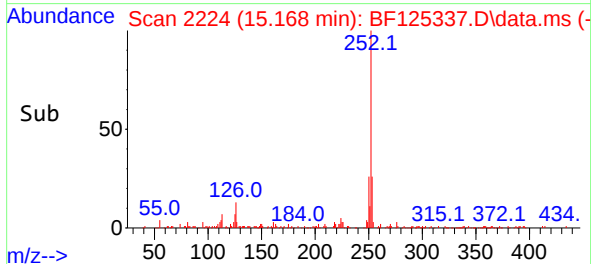
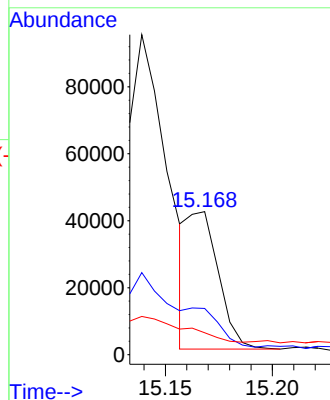
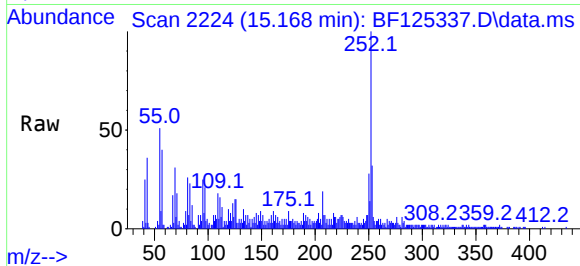
#89
Benzo(k)fluoranthene
Concen: 2.207 ng m
RT: 15.168 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:252 Resp: 41194
Ion Ratio Lower Upper
252 100
253 32.4 17.8 26.8#
125 15.3 7.2 10.8#

Instrument :
BNA_F
ClientSampleId :
OK-01-090121

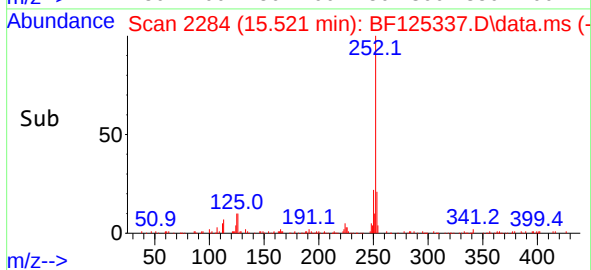
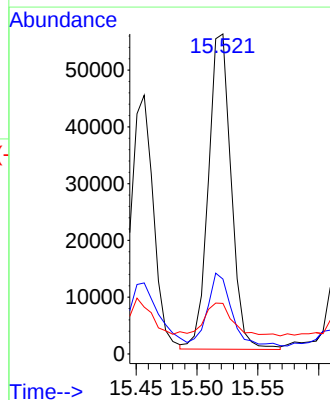
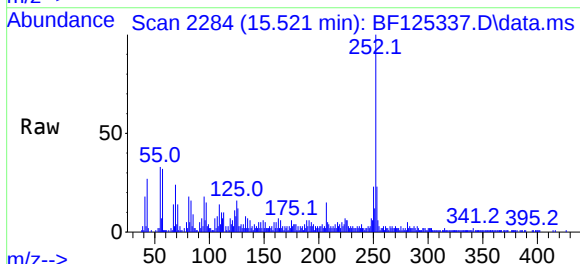
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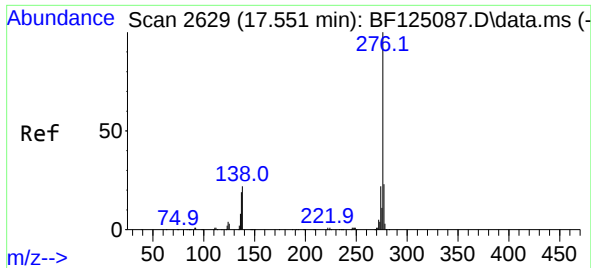
mohammad
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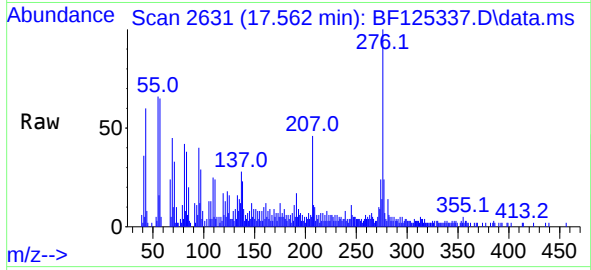
#90
Benzo(a)pyrene
Concen: 4.092 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF125337.D
Acq: 2 Sep 2021 23:55

Tgt Ion:252 Resp: 72294
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 15.8 9.9 14.9#

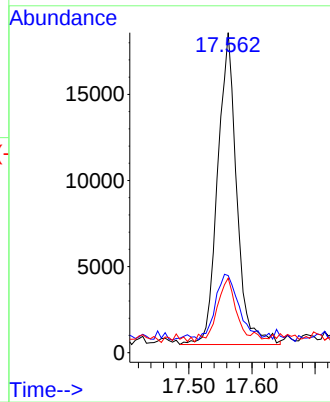
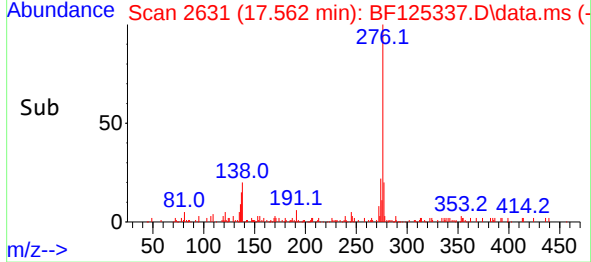




#92
 Benzo(g,h,i)perylene
 Concen: 2.314 ng
 RT: 17.562 min Scan# 2631
 Delta R.T. 0.012 min
 Lab File: BF125337.D
 Acq: 2 Sep 2021 23:55



Tgt Ion:	276	Resp:	38034
Ion Ratio	Lower	Upper	
276	100		
277	24.1	22.0	33.0
138	23.3	22.2	33.4



Instrument :
 BNA_F
 ClientSampleId :
 OK-01-090121

Manual Integrations
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