

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125315.D
 Acq On : 1 Sep 2021 19:46
 Operator : JU/CG
 Sample : M3577-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-DP

Manual Integrations
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Quant Time: Sep 02 08:17:30 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	189745	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	743437	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	384951	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	579580	20.000	ng	0.00
76) Chrysene-d12	14.080	240	421494	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	276393	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859936	68.597	ng	0.00
7) Phenol-d6	6.539	99	1270703	78.375	ng	0.00
23) Nitrobenzene-d5	7.475	82	851937	57.691	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	204023	53.094	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1513544	54.798	ng	0.00
79) Terphenyl-d14	13.021	244	1332393	50.359	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.463	178	246178	7.709	ng	99
75) Fluoranthene	12.651	202	433301	13.674	ng	98
78) Pyrene	12.880	202	379952	10.509	ng	97
81) Benzo(a)anthracene	14.068	228	206687	6.806	ng	98
83) Chrysene	14.110	228	183498m	6.110	ng	
84) Bis(2-ethylhexyl)phtha...	14.051	149	57176	2.928	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.098	276	70229	3.527	ng	# 88
88) Benzo(b)fluoranthene	15.139	252	186864m	9.254	ng	
89) Benzo(k)fluoranthene	15.162	252	66493m	3.529	ng	
90) Benzo(a)pyrene	15.515	252	119966	6.726	ng	98
92) Benzo(g,h,i)perylene	17.550	276	67741	4.082	ng	96

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

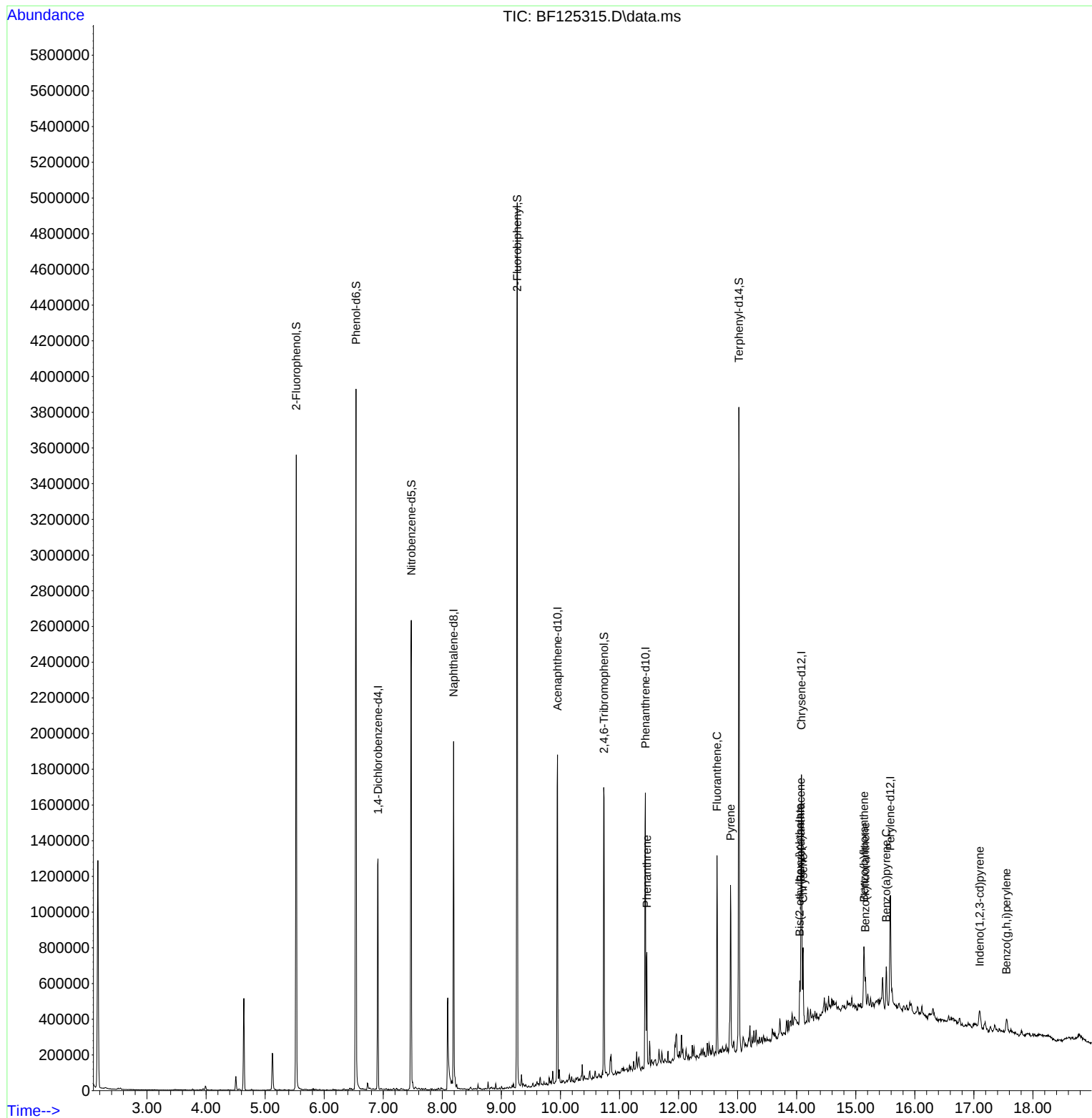
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Data File : BF125315.D
Acq On : 1 Sep 2021 19:46
Operator : JU/CG
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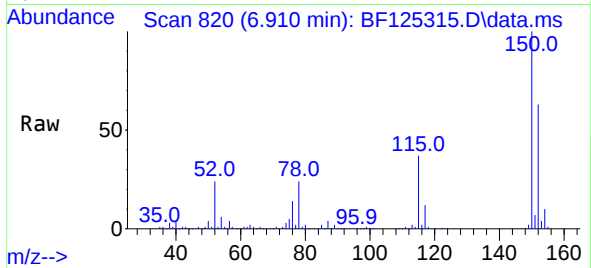
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Quant Time: Sep 02 08:17:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
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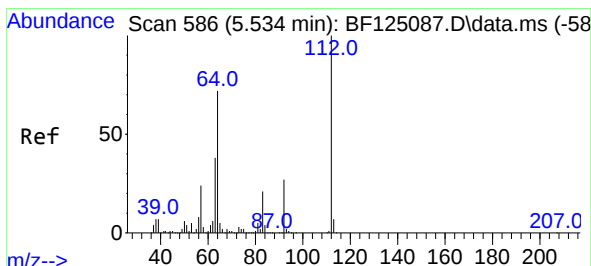
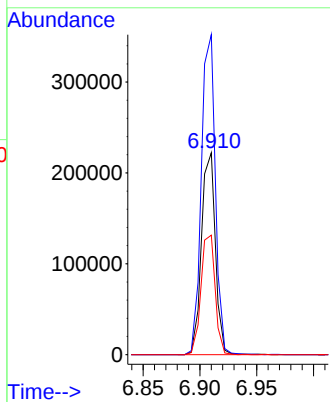
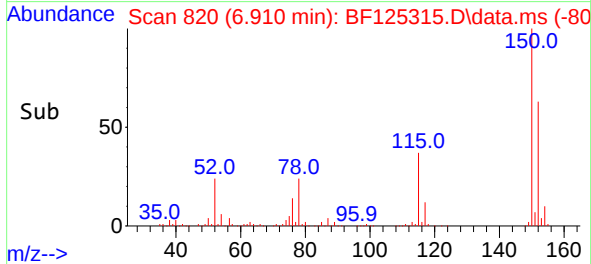




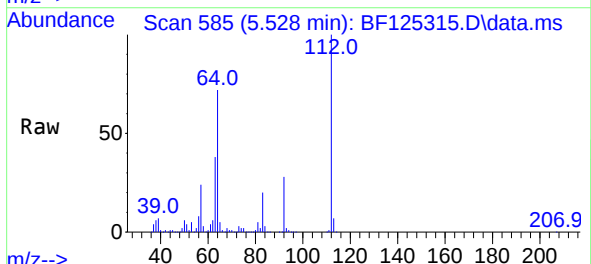
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



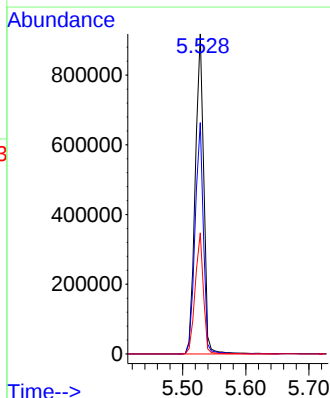
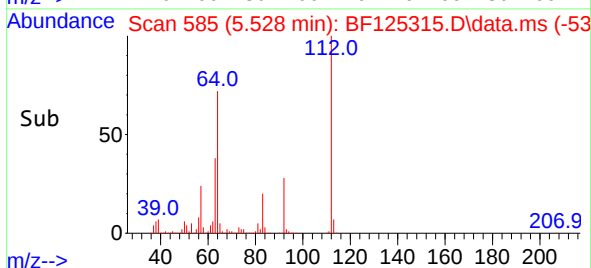
Tgt Ion:152 Resp: 189745
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 68.597 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



Tgt Ion:112 Resp: 859936
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 37.8 26.2 39.2



Instrument :
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ClientSampleId :
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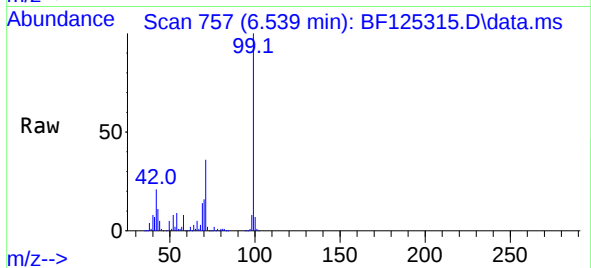
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#7
Phenol-d6
Concen: 78.375 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

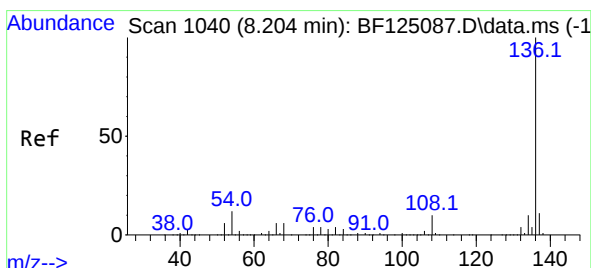
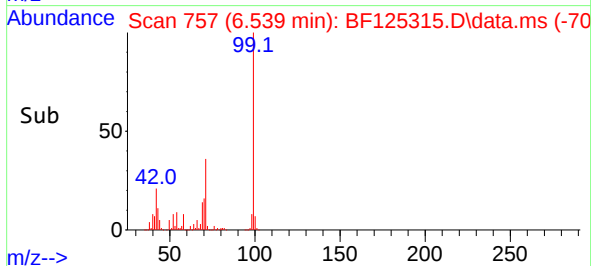
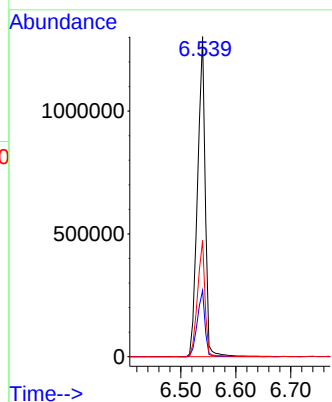


Tgt Ion: 99 Resp: 1270703

Ion	Ratio	Lower	Upper
99	100		
42	20.7	23.5	35.3#
71	36.3	25.6	38.4

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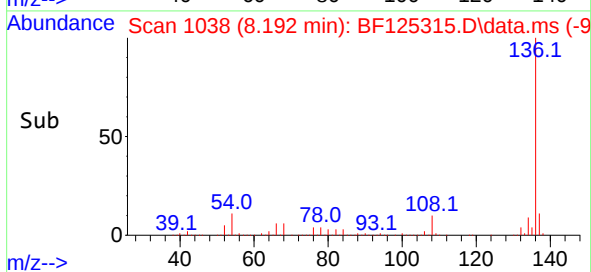
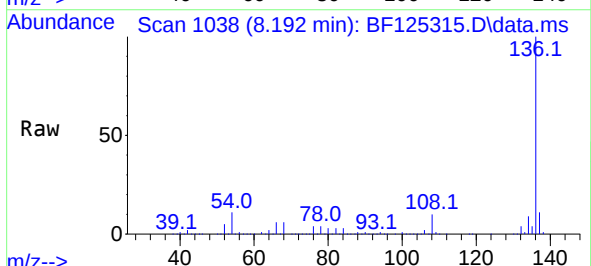
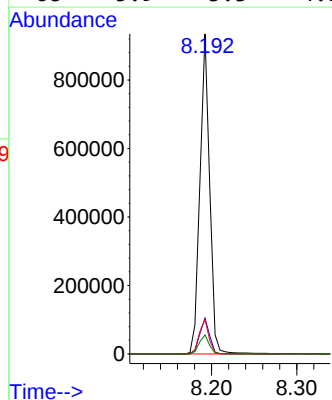
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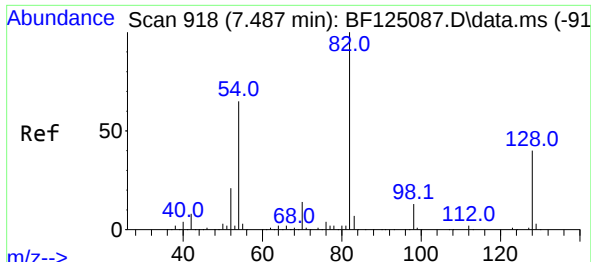


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion: 136 Resp: 743437

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	10.8	6.4	9.6#
68	5.9	3.3	4.9#





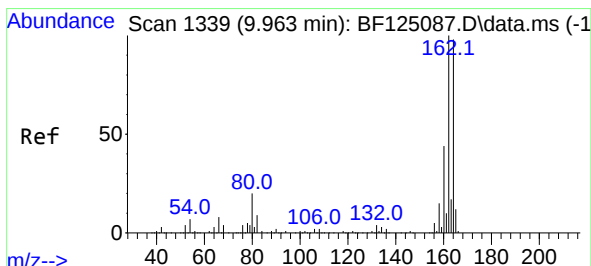
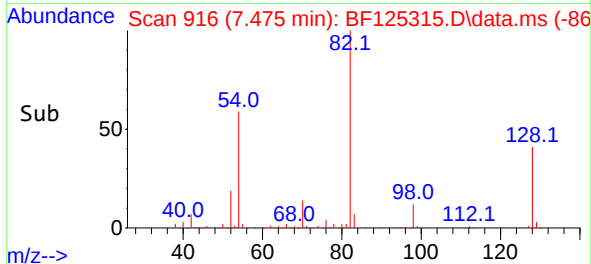
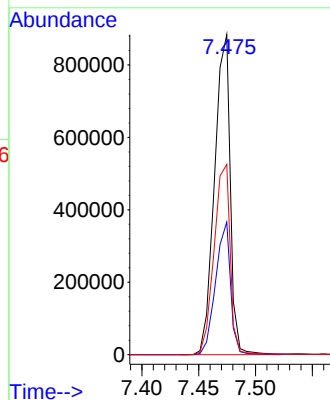
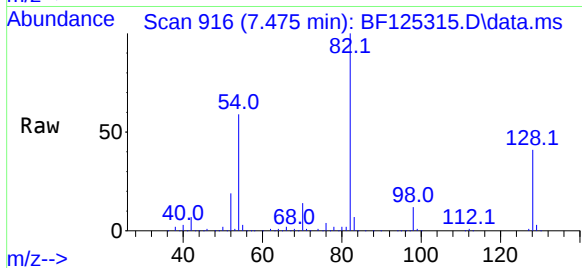
#23
Nitrobenzene-d5
Concen: 57.691 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion: 82 Resp: 851937
Ion Ratio Lower Upper
82 100
128 41.4 40.6 60.8
54 59.4 49.6 74.4

Instrument :
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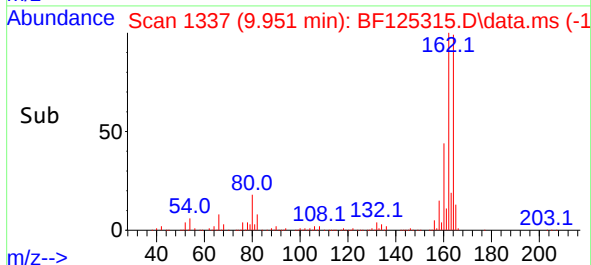
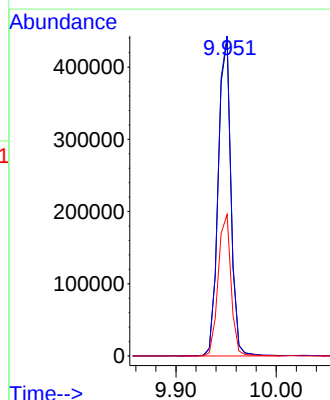
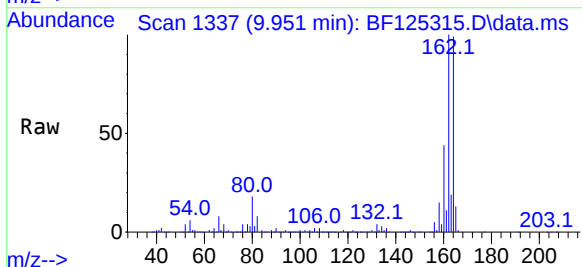
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

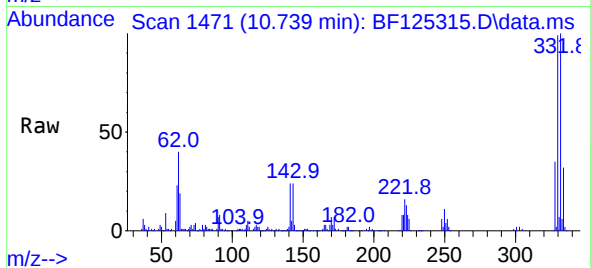
Tgt Ion:164 Resp: 384951
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.6 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 53.094 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

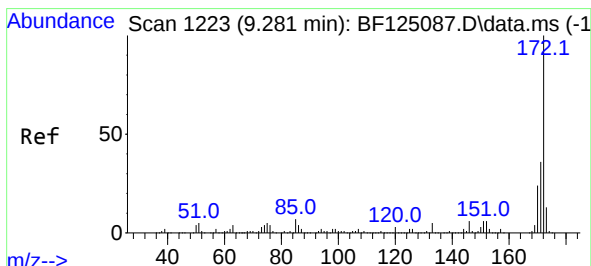
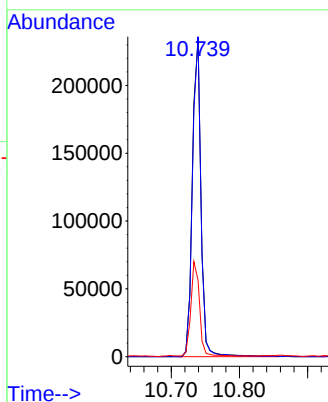
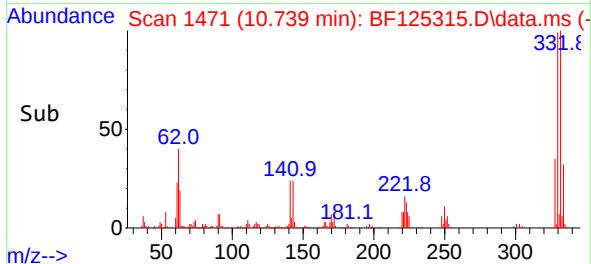
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ClientSampleId :
191-0827-B1-DP



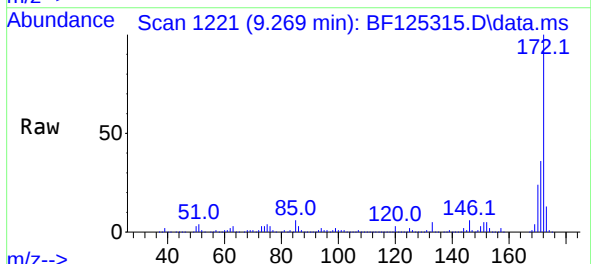
Tgt Ion:330 Resp: 204023
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 29.5 44.6 66.8#

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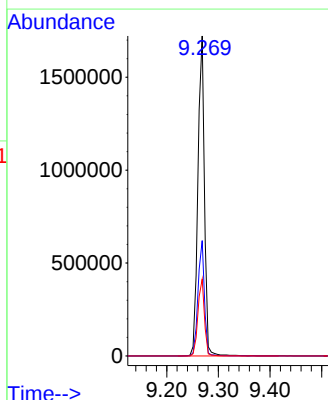
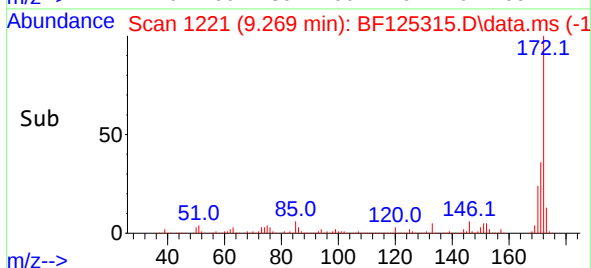
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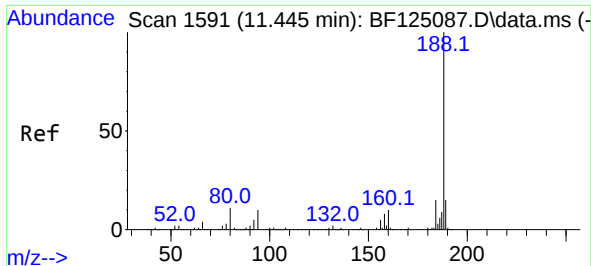


#45
2-Fluorobiphenyl
Concen: 54.798 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



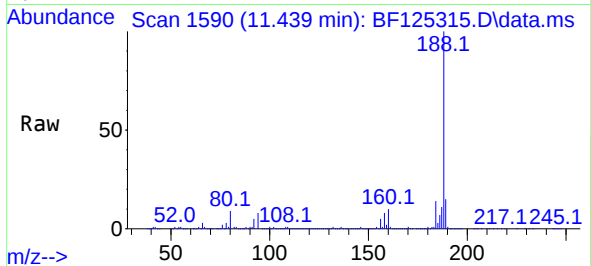
Tgt Ion:172 Resp: 1513544
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

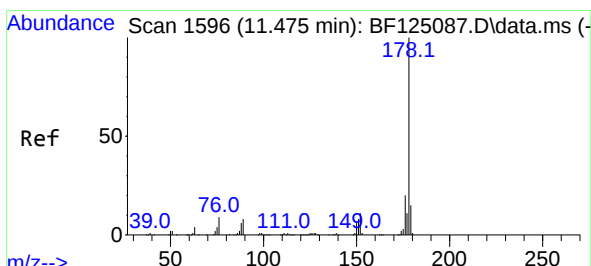
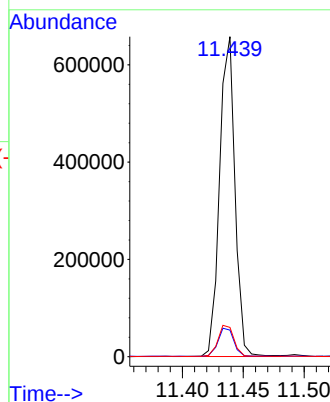
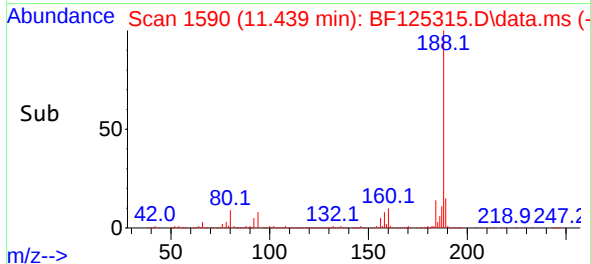
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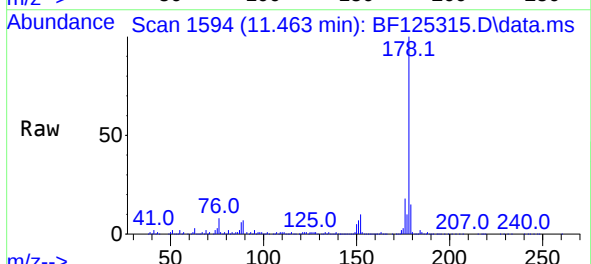
Tgt Ion:188 Resp: 579580
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.2 7.5 11.3

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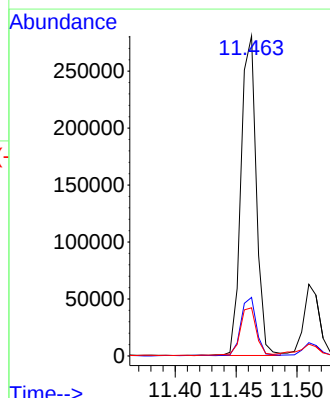
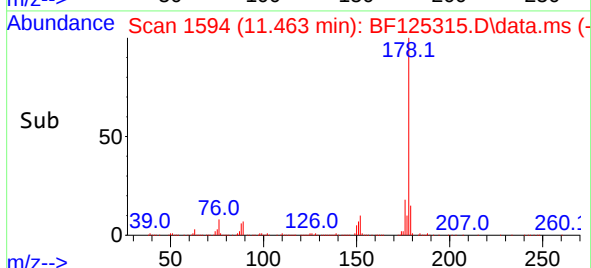
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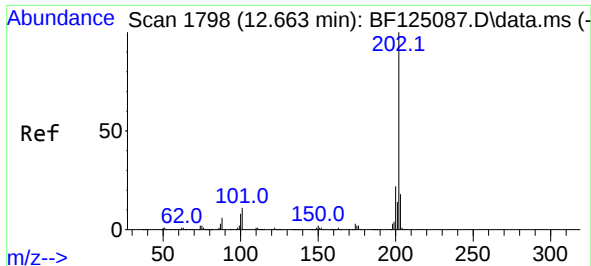


#71
Phenanthrene
Concen: 7.709 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

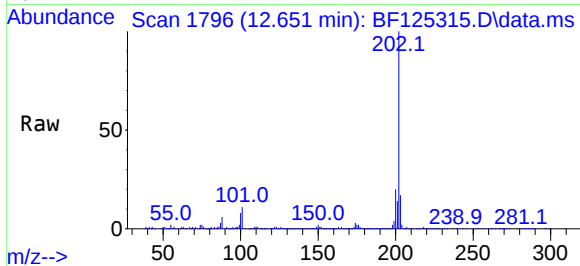


Tgt Ion:178 Resp: 246178
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 11.5 17.3

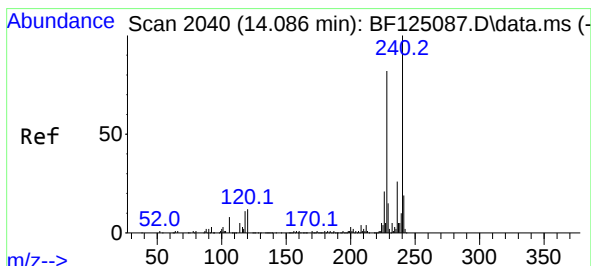
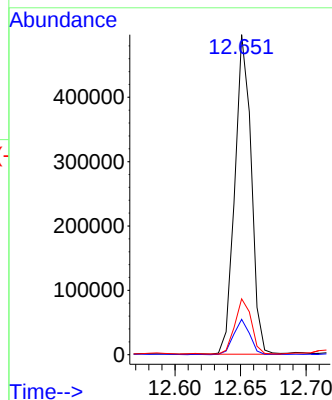
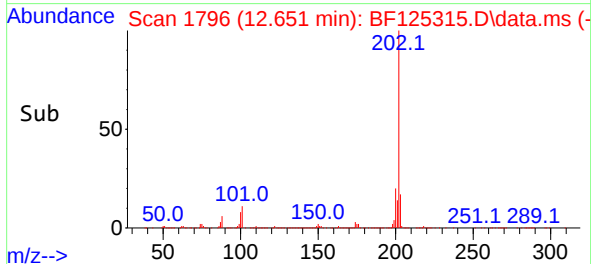




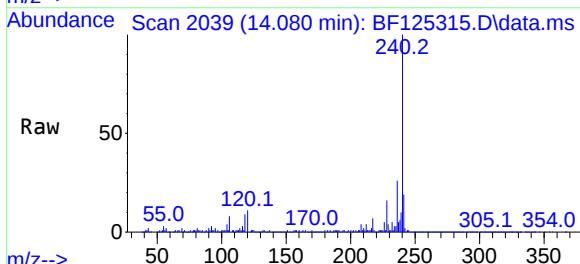
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Fluoranthene
Concen: 13.674 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



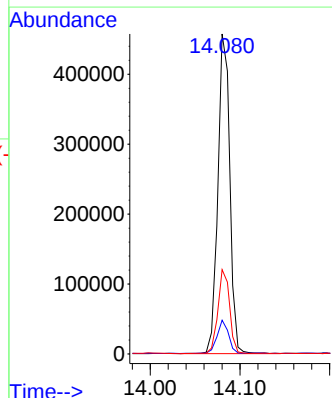
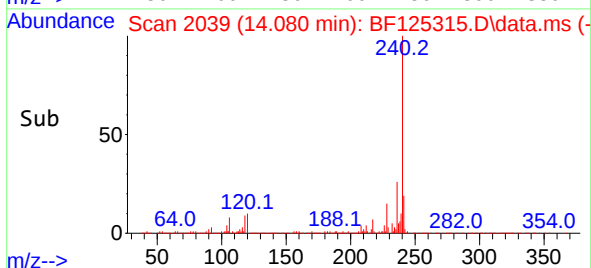
Tgt Ion:202 Resp: 433301
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



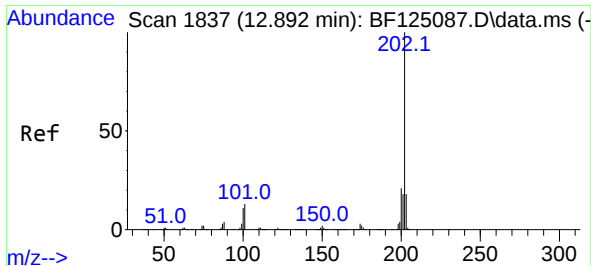
Tgt Ion:240 Resp: 421494
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 26.3 21.6 32.4



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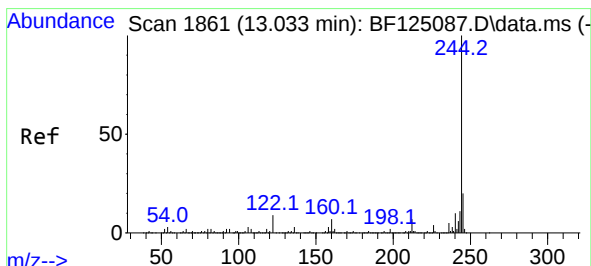
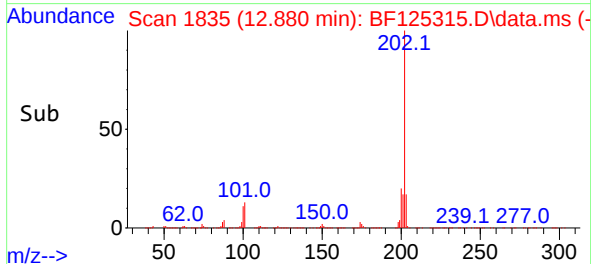
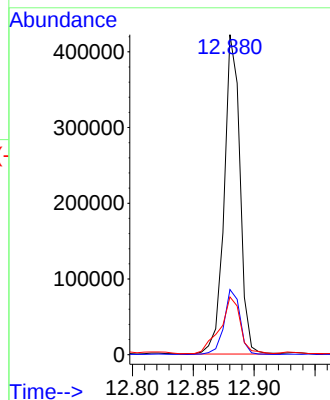
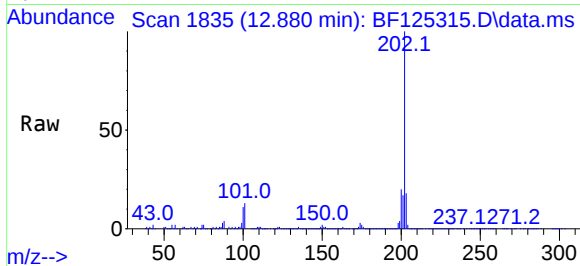
#78
Pyrene
Concen: 10.509 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:	202	Resp:	379952
Ion Ratio	Lower	Upper	
202	100		
200	20.3	15.3	22.9
203	18.0	13.4	20.0

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

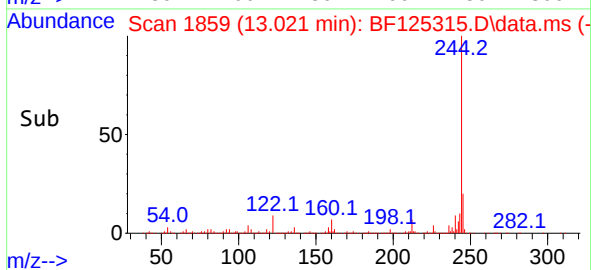
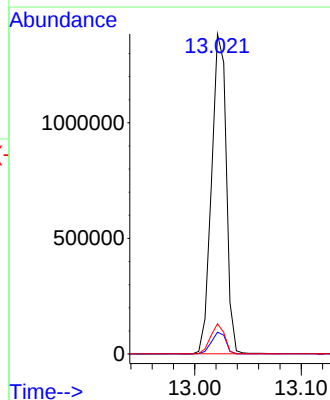
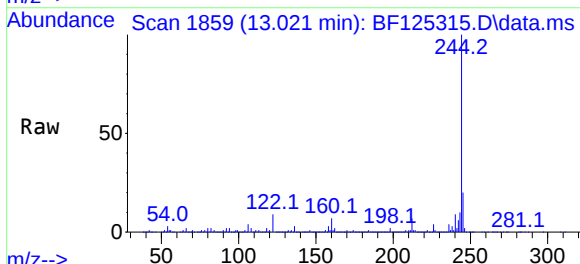
Manual Integrations
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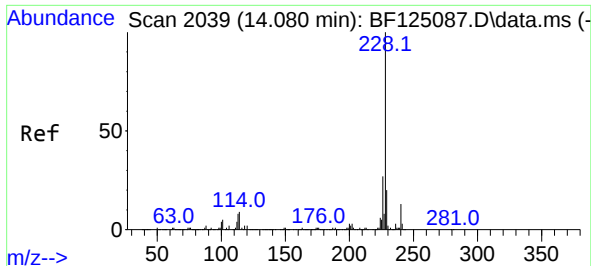
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#79
Terphenyl-d14
Concen: 50.359 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:	244	Resp:	1332393
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	9.5	9.0	13.4





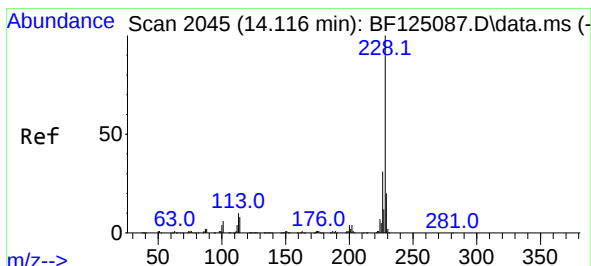
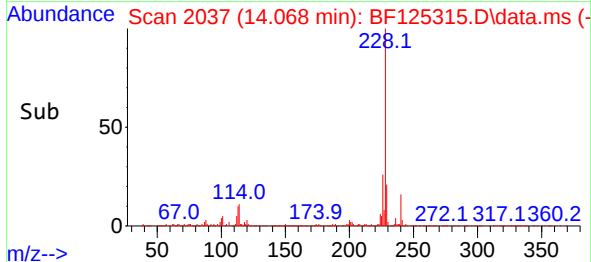
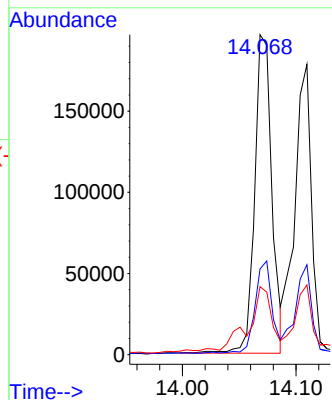
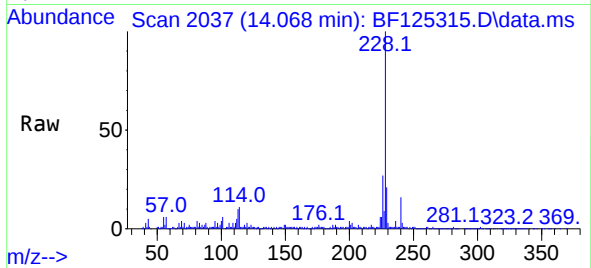
#81
Benzo(a)anthracene
Concen: 6.806 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:228 Resp: 206687
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 21.3 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

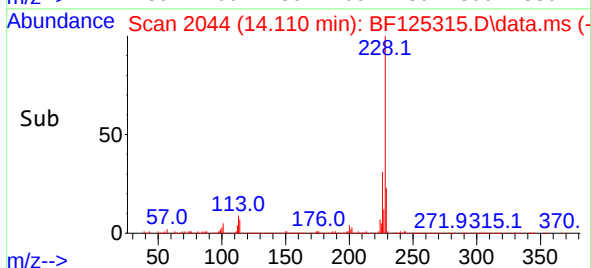
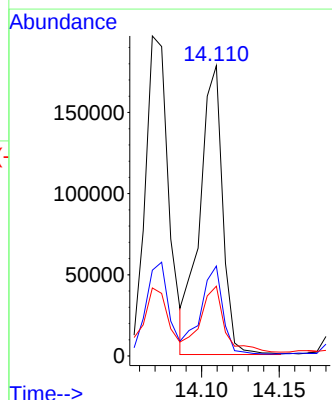
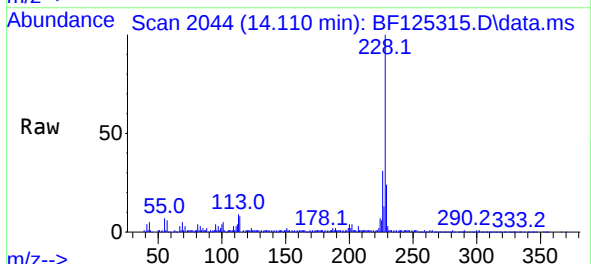
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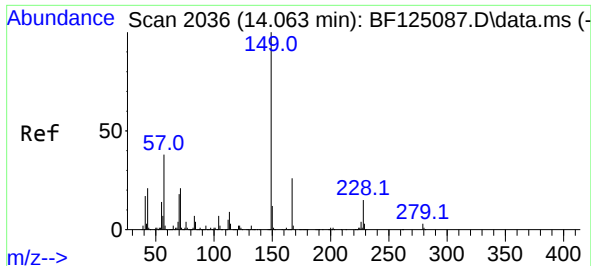
mohammad
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#83
Chrysene
Concen: 6.110 ng m
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:228 Resp: 183498
Ion Ratio Lower Upper
228 100
226 31.0 22.6 34.0
229 24.0 15.9 23.9#





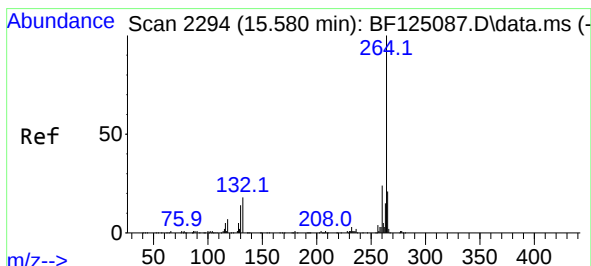
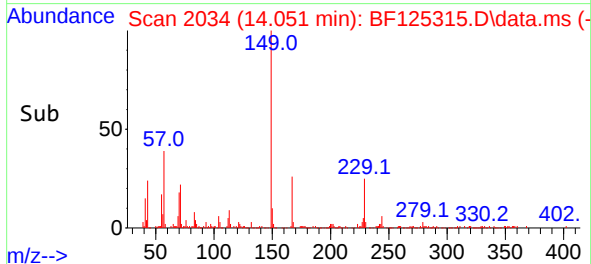
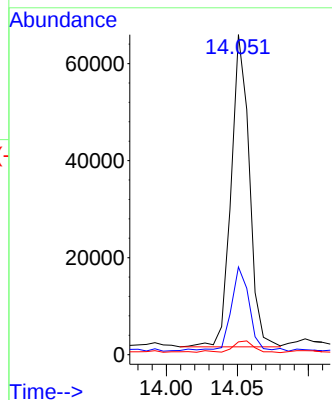
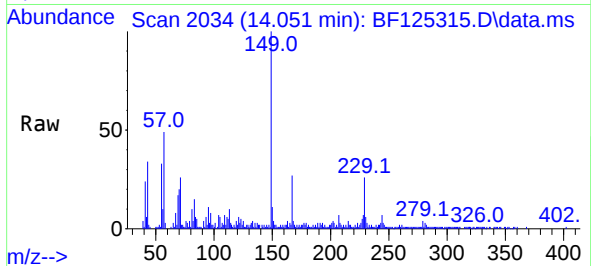
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.928 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:149 Resp: 57176
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.0 2.6 4.0#

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

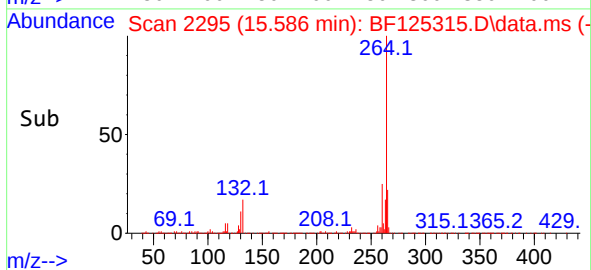
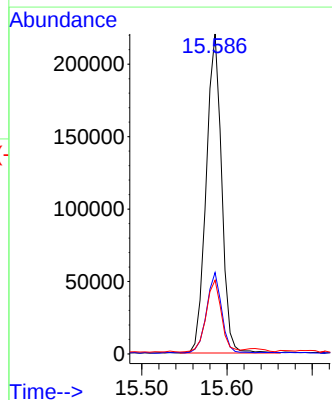
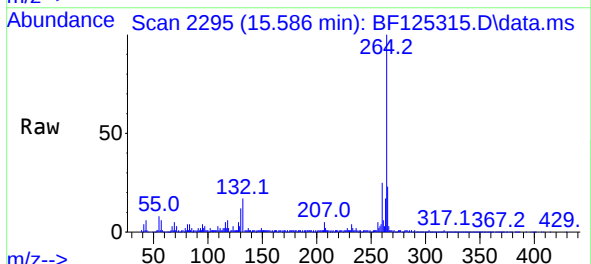
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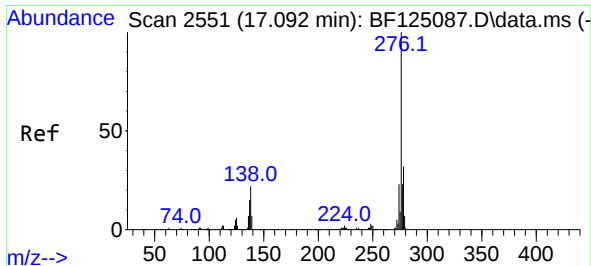
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion:264 Resp: 276393
Ion Ratio Lower Upper
264 100
260 25.4 19.6 29.4
265 23.1 17.2 25.8





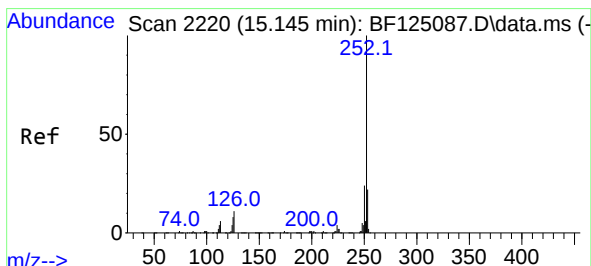
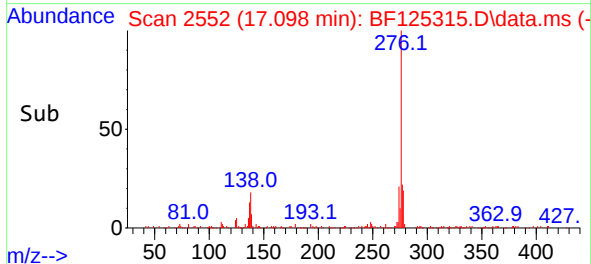
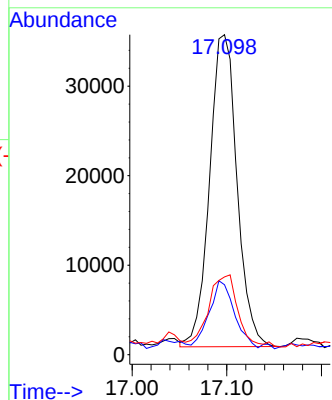
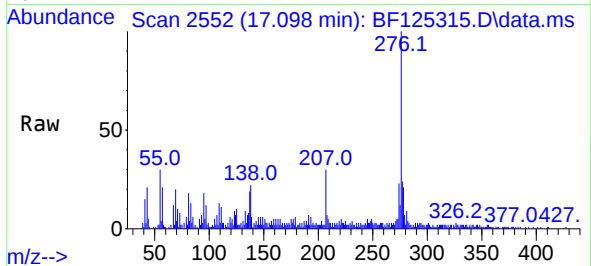
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.527 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion: 276 Resp: 70229
Ion Ratio Lower Upper
276 100
138 19.6 24.1 36.1#
277 25.3 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

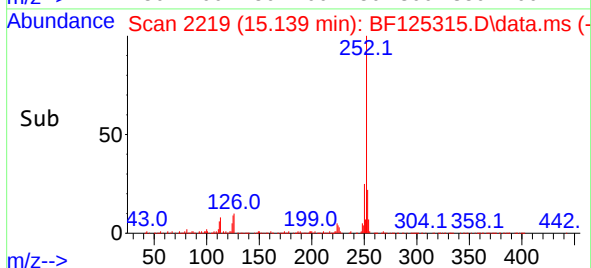
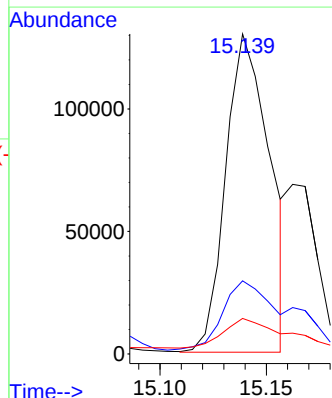
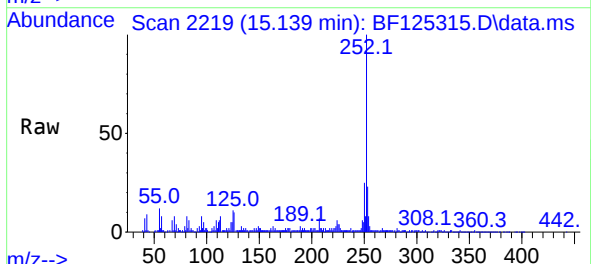
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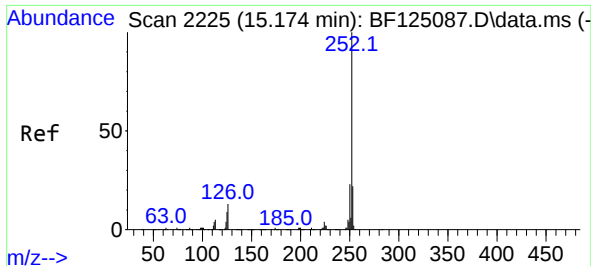
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#88
Benzo(b)fluoranthene
Concen: 9.254 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

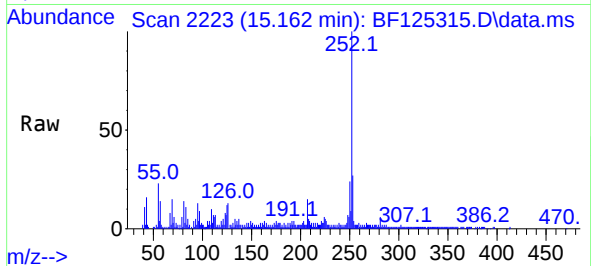
Tgt Ion: 252 Resp: 186864
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 11.1 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 3.529 ng m
RT: 15.162 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

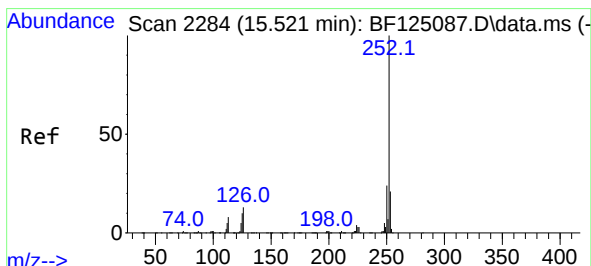
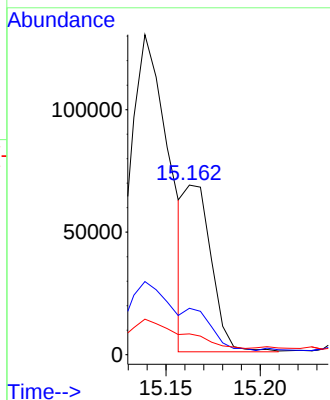
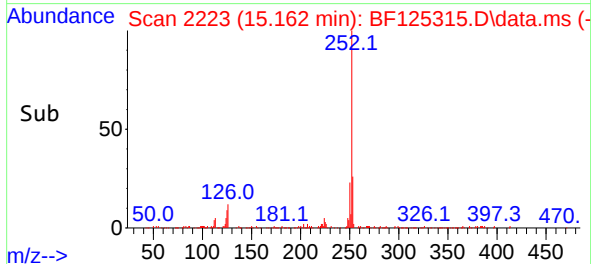
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP



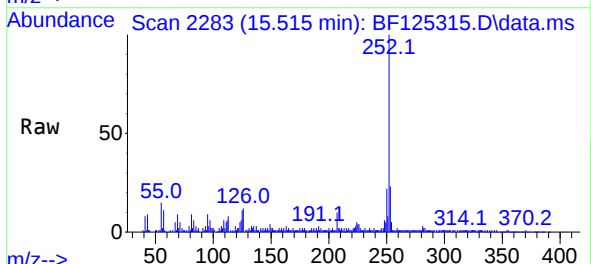
Tgt Ion:252 Resp: 66493
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 12.3 7.2 10.8#

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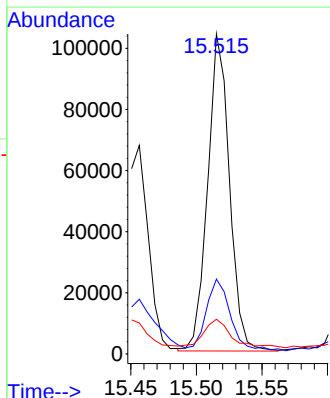
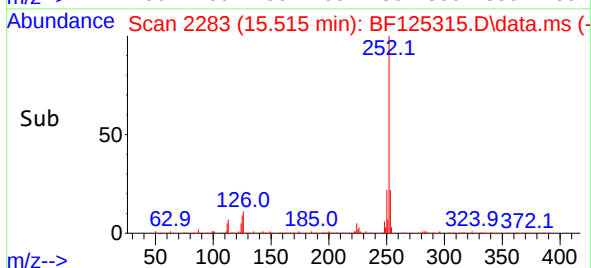
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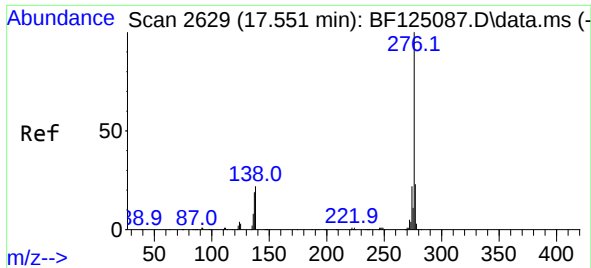


#90
Benzo(a)pyrene
Concen: 6.726 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46



Tgt Ion:252 Resp: 119966
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 10.9 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 4.082 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.000 min
Lab File: BF125315.D
Acq: 1 Sep 2021 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	22.0	33.0
138	24.2	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

Manual Integrations
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