

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125314.D
 Acq On : 1 Sep 2021 19:14
 Operator : JU/CG
 Sample : M3577-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-0-2

Manual Integrations
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Quant Time: Sep 02 08:17:20 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	189252	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	735589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	372084	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	552407	20.000	ng	0.00
76) Chrysene-d12	14.080	240	410617	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	267701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	888712	71.077	ng	0.00
7) Phenol-d6	6.539	99	1236123	76.441	ng	0.00
23) Nitrobenzene-d5	7.469	82	807119	55.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	232005	62.464	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1446567	54.185	ng	0.00
79) Terphenyl-d14	13.021	244	1207754	46.858	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.651	202	110335	3.653	ng	96
78) Pyrene	12.880	202	100417	2.851	ng	96
81) Benzo(a)anthracene	14.068	228	63688	2.153	ng	98
88) Benzo(b)fluoranthene	15.139	252	58639m	2.998	ng	

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

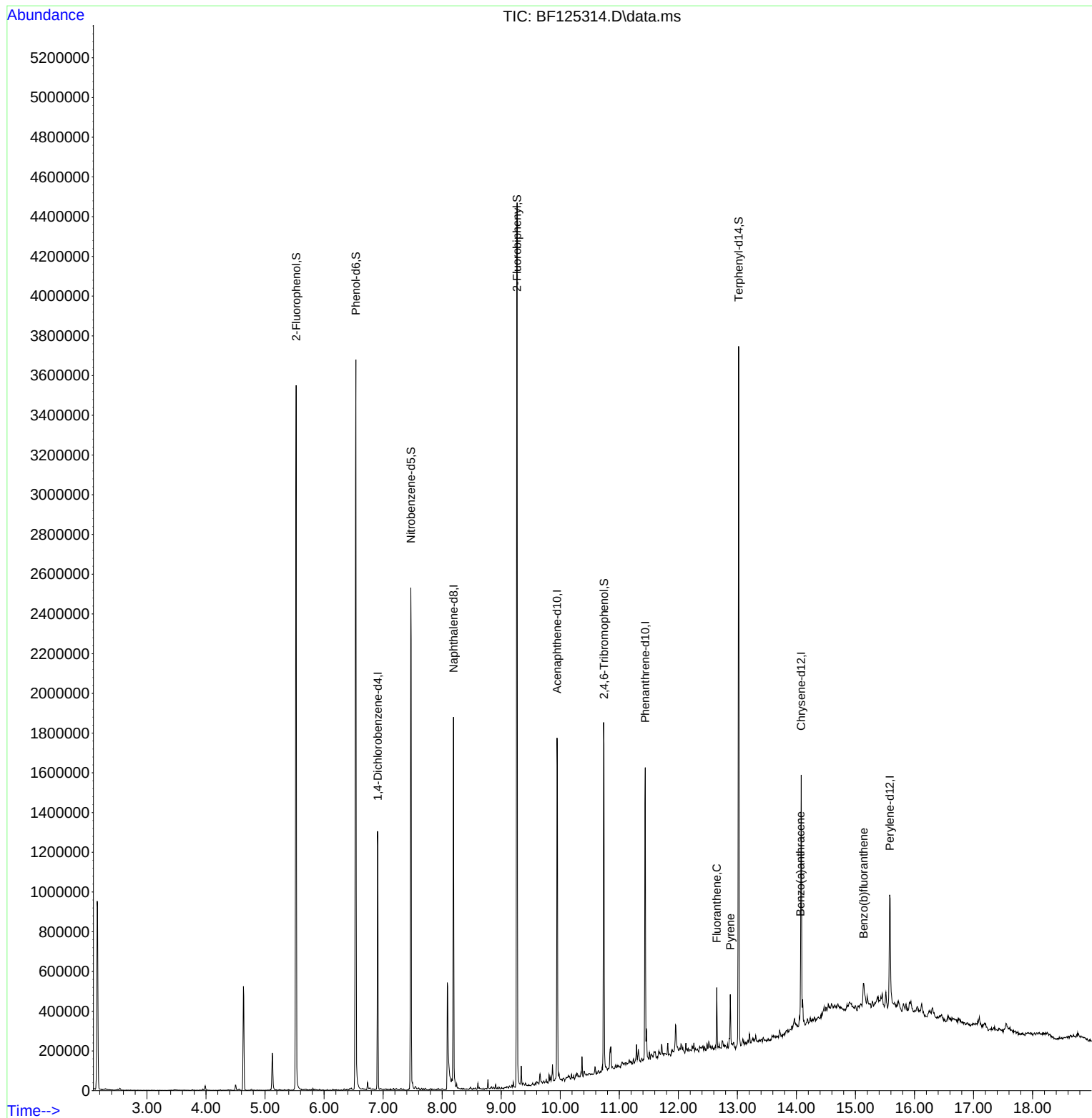
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125314.D
Acq On : 1 Sep 2021 19:14
Operator : JU/CG
Sample : M3577-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

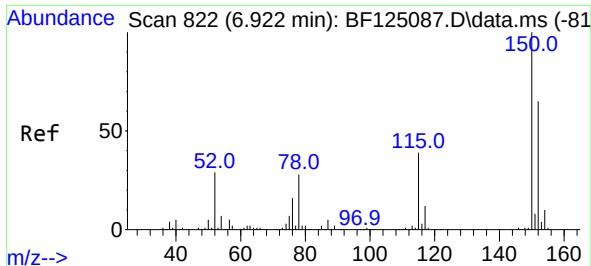
Instrument :
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ClientSampleId :
191-0827-B1-0-2

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Quant Time: Sep 02 08:17:20 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





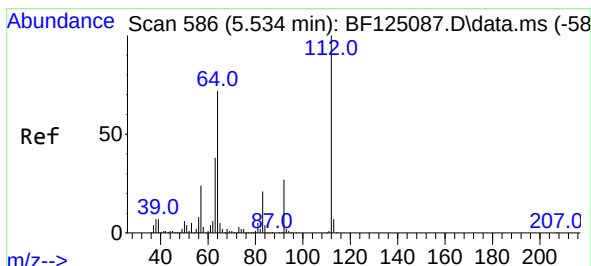
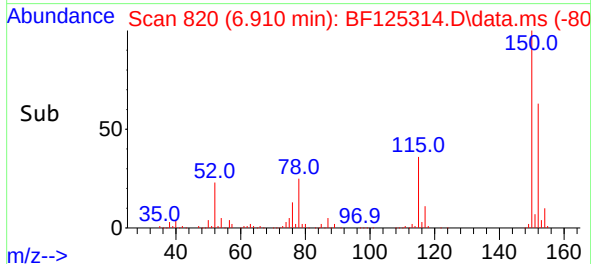
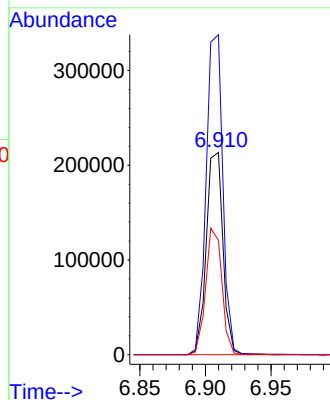
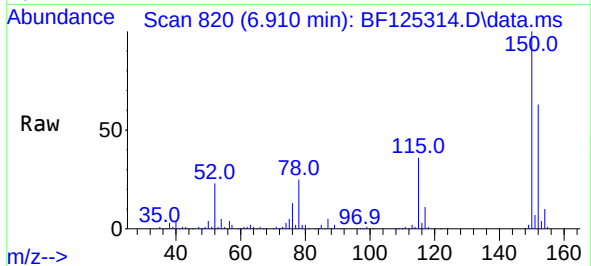
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:152 Resp: 189252
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 56.5 47.1 70.7

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

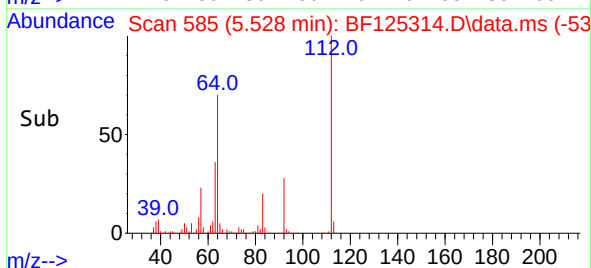
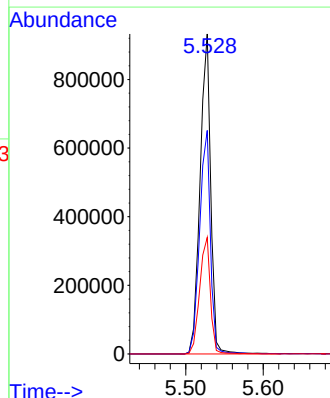
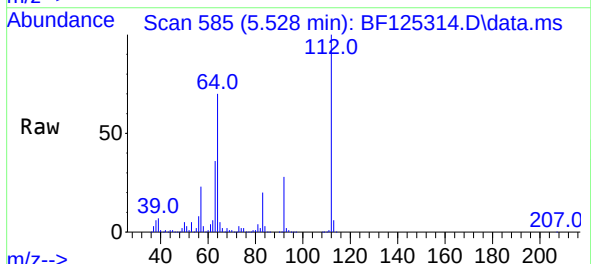
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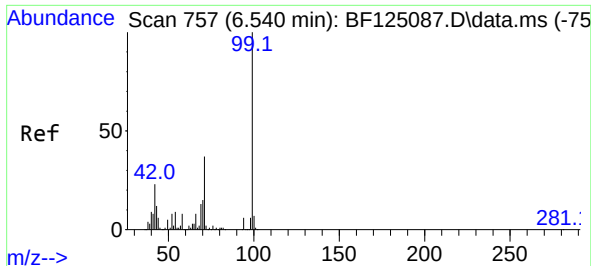
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#5
2-Fluorophenol
Concen: 71.077 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

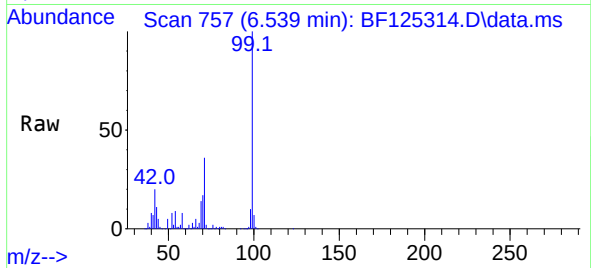
Tgt Ion:112 Resp: 888712
Ion Ratio Lower Upper
112 100
64 69.8 44.2 66.2#
63 36.4 26.2 39.2





#7
Phenol-d6
Concen: 76.441 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

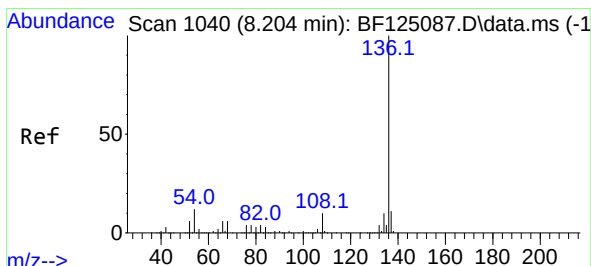
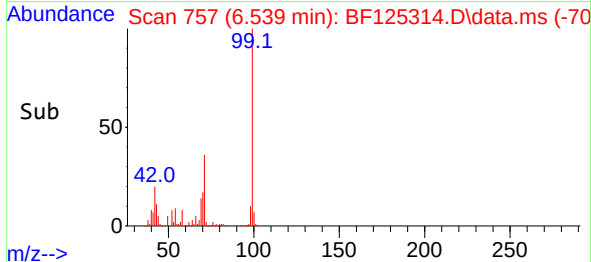
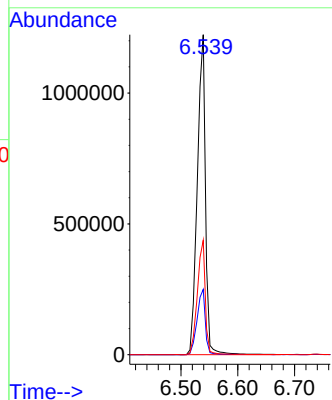


Tgt Ion: 99 Resp: 1236123

Ion	Ratio	Lower	Upper
99	100		
42	20.4	23.5	35.3#
71	35.8	25.6	38.4

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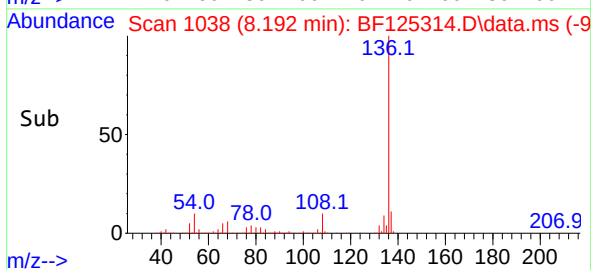
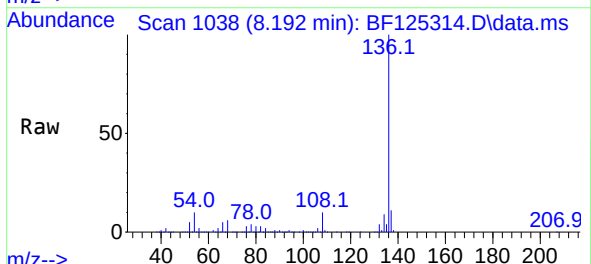
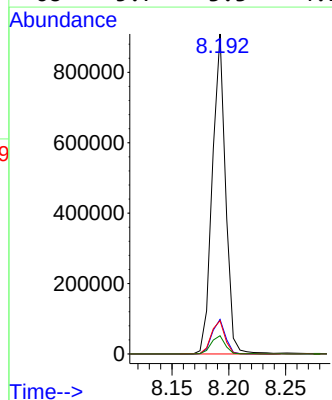
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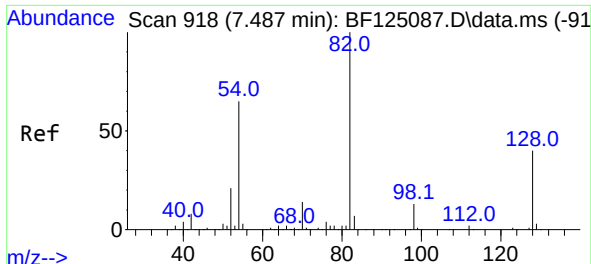


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion: 136 Resp: 735589

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	10.4	6.4	9.6#
68	5.7	3.3	4.9#





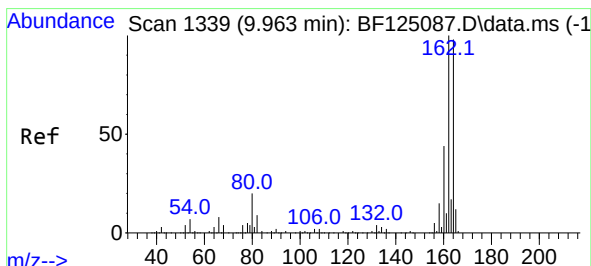
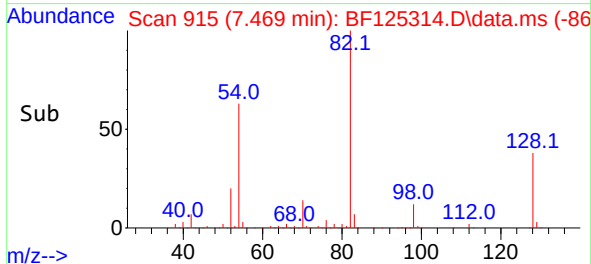
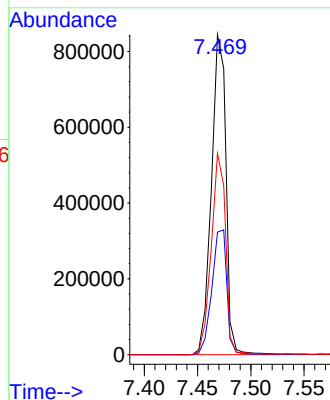
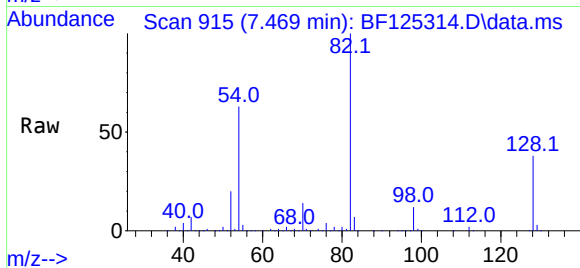
#23
Nitrobenzene-d5
Concen: 55.240 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion: 82 Resp: 807119
Ion Ratio Lower Upper
82 100
128 38.3 40.6 60.8#
54 62.8 49.6 74.4

Instrument :
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ClientSampleId :
191-0827-B1-0-2

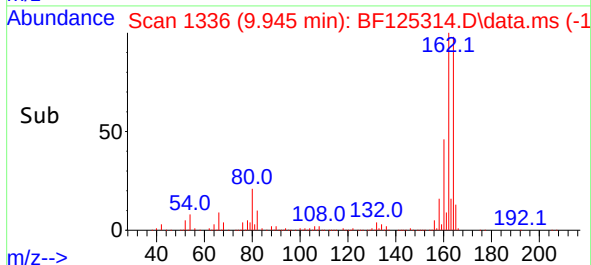
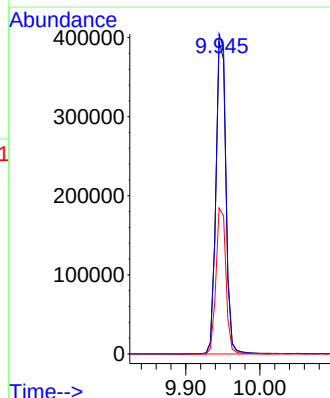
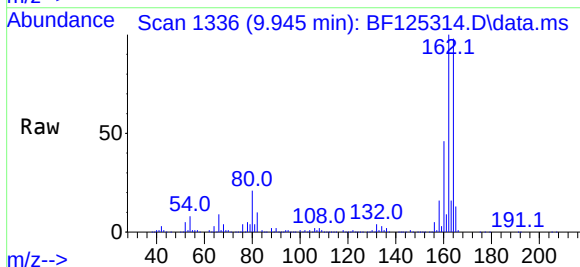
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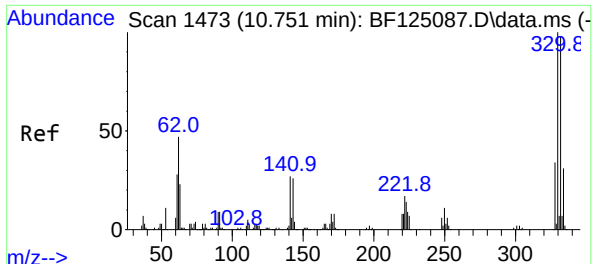
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

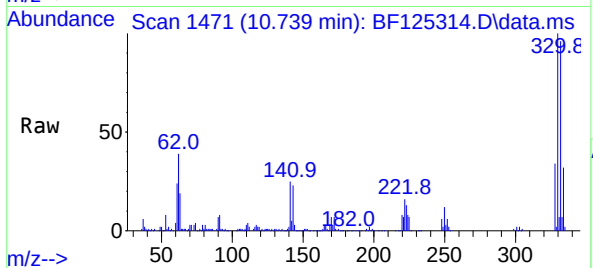
Tgt Ion:164 Resp: 372084
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 46.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 62.464 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

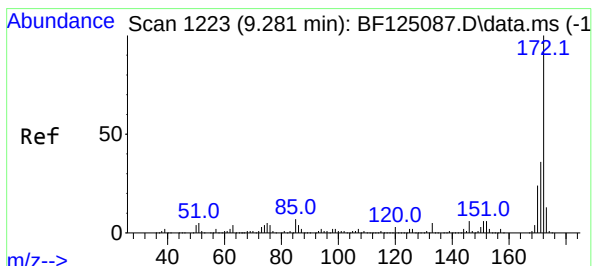
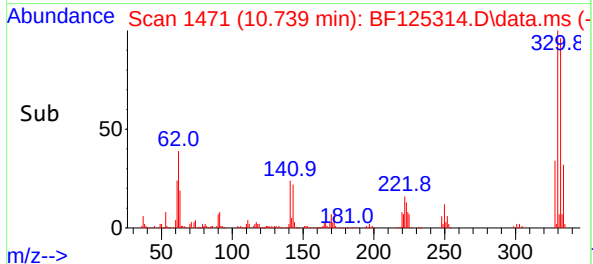
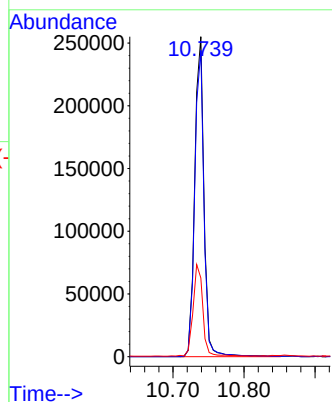
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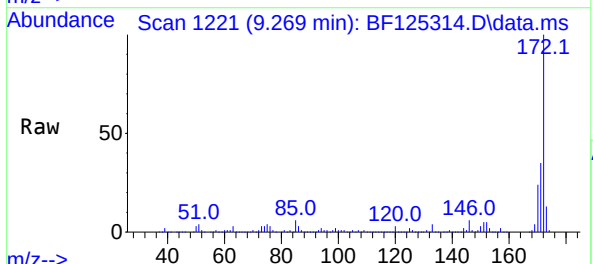
Tgt Ion: 330 Resp: 232005
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 29.8 44.6 66.8#

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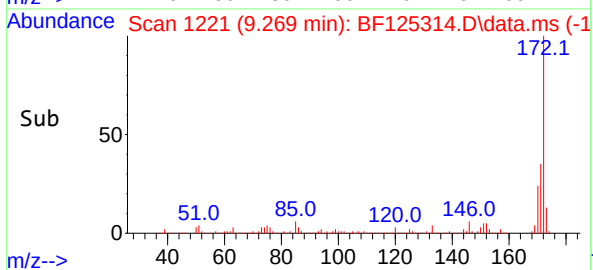
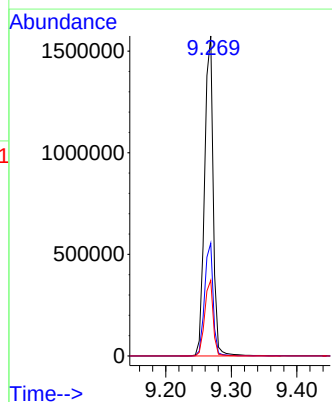
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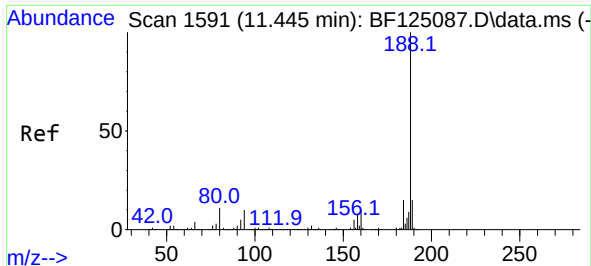


#45
2-Fluorobiphenyl
Concen: 54.185 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14



Tgt Ion: 172 Resp: 1446567
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2





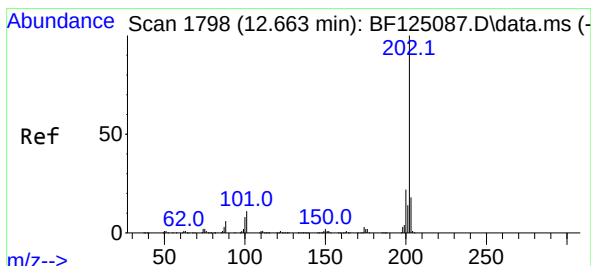
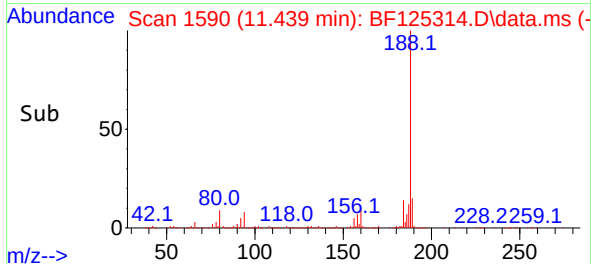
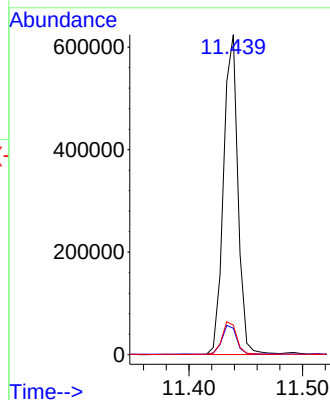
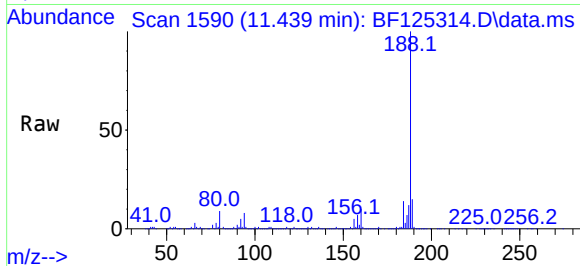
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

Tgt Ion:188 Resp: 552407
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.2 7.5 11.3

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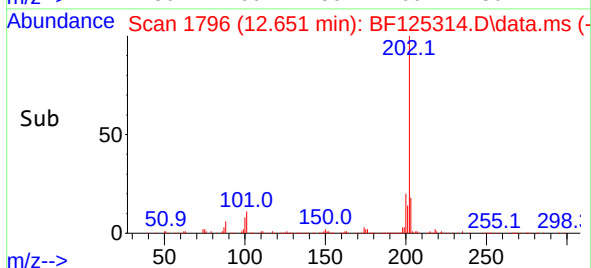
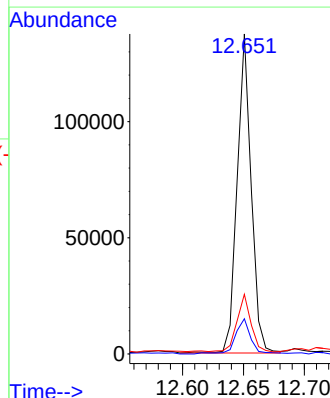
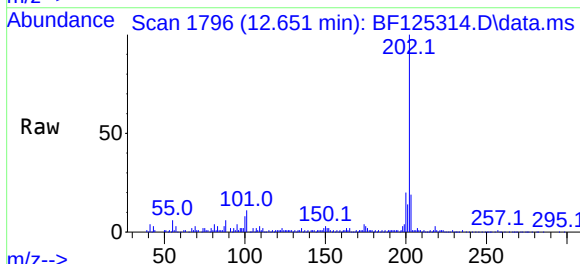
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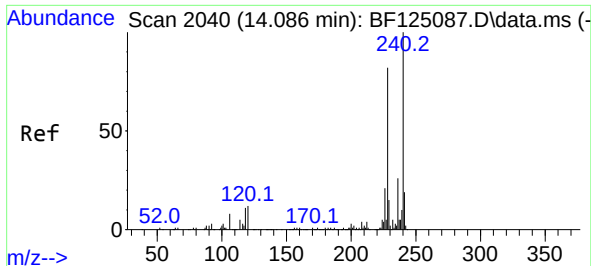
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#75
Fluoranthene
Concen: 3.653 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

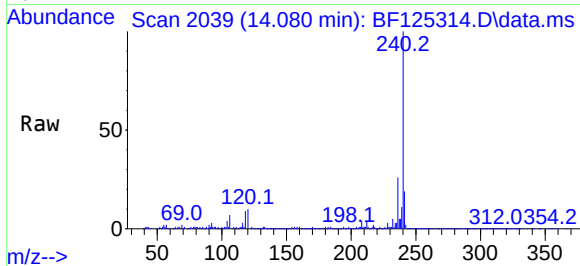
Tgt Ion:202 Resp: 110335
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 18.7 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

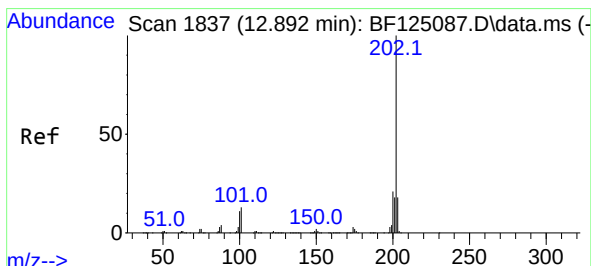
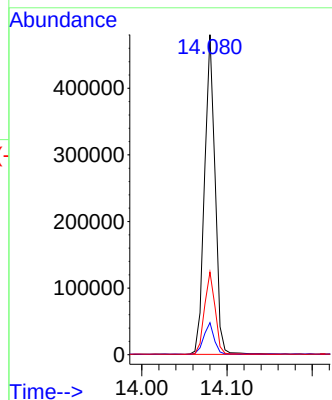
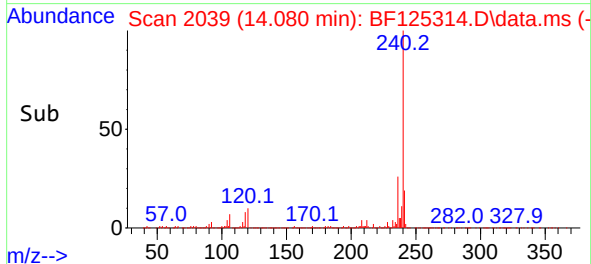
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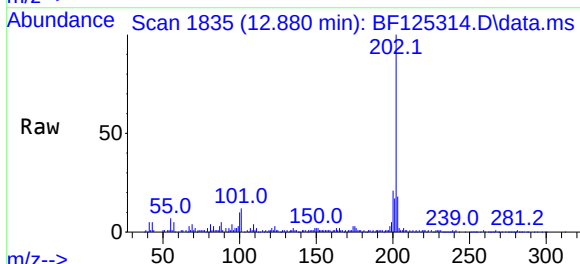
Tgt Ion:240 Resp: 410617
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.8 21.6 32.4

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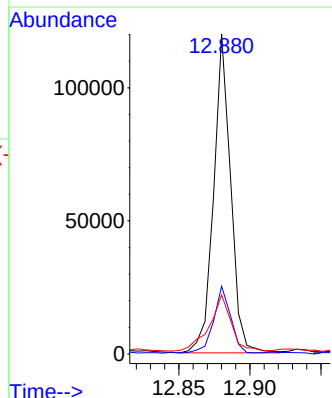
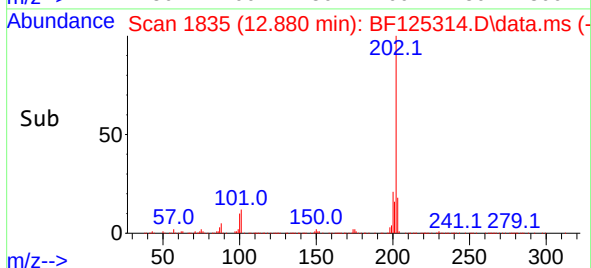
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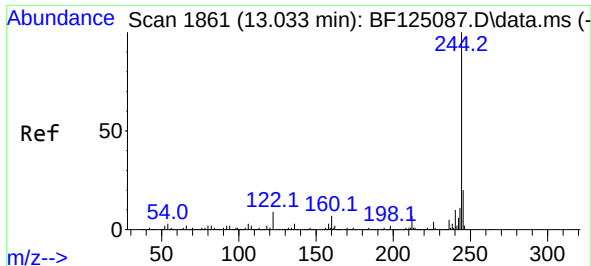


#78
Pyrene
Concen: 2.851 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14



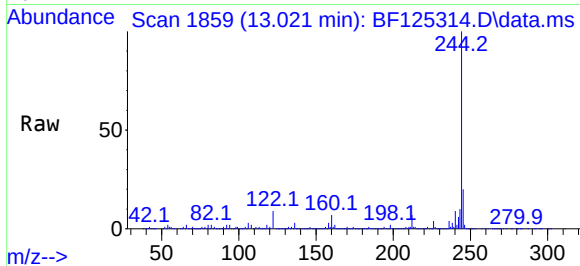
Tgt Ion:202 Resp: 100417
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.5 13.4 20.0





#79
Terphenyl-d14
Concen: 46.858 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

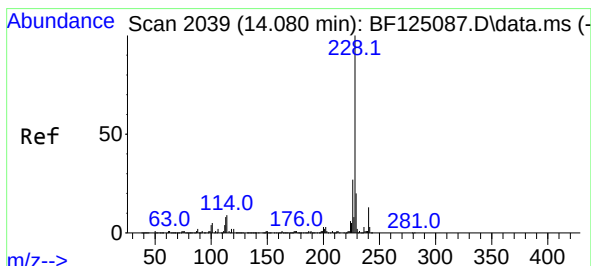
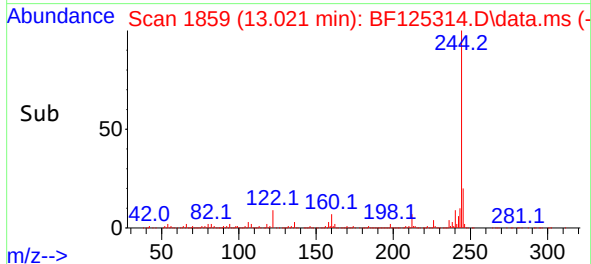
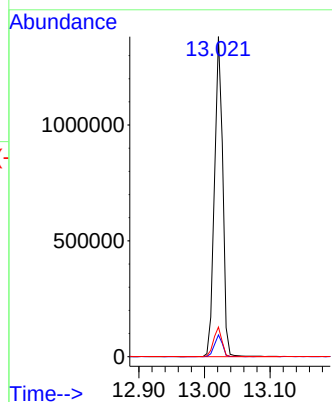
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191-0827-B1-0-2



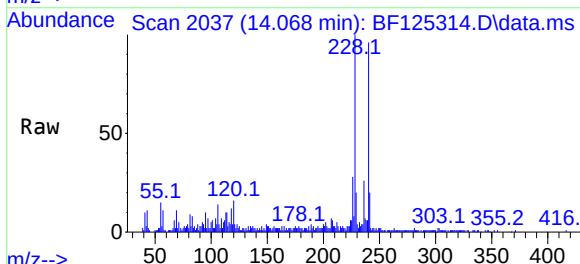
Tgt Ion:244 Resp: 1207754
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4

Manual Integrations
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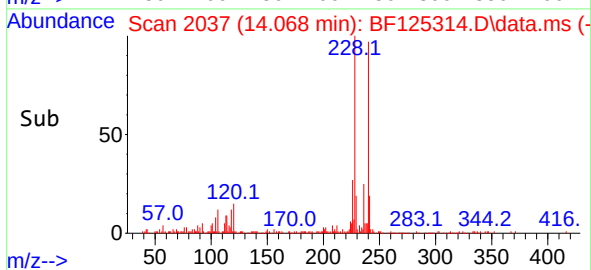
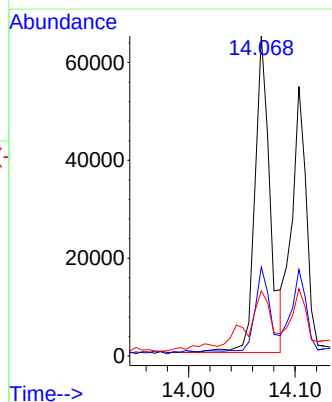
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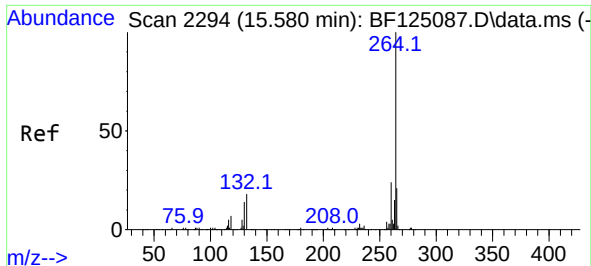


#81
Benzo(a)anthracene
Concen: 2.153 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14

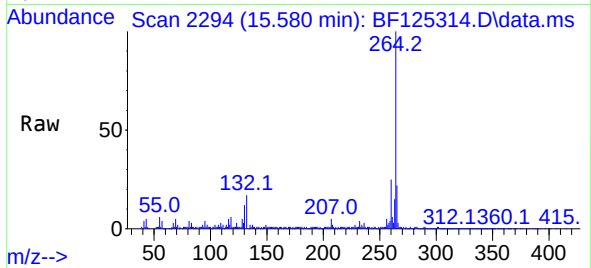


Tgt Ion:228 Resp: 63688
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.3 15.6 23.4

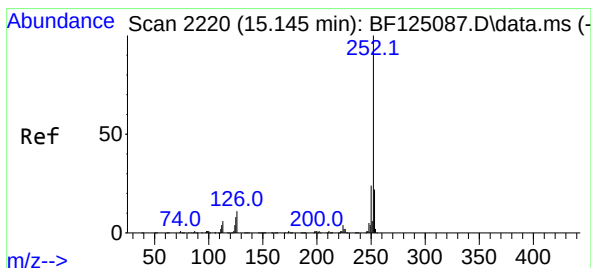
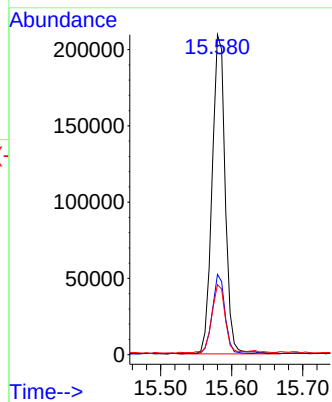
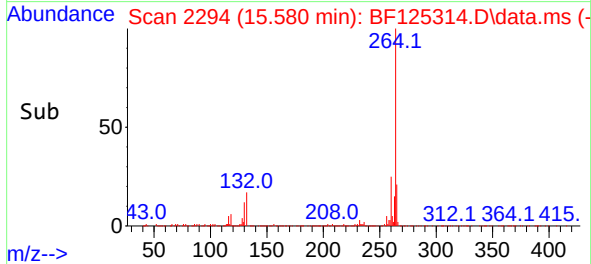




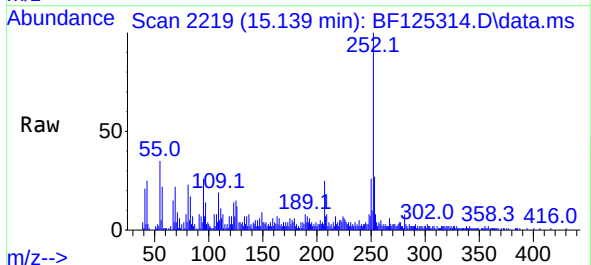
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14



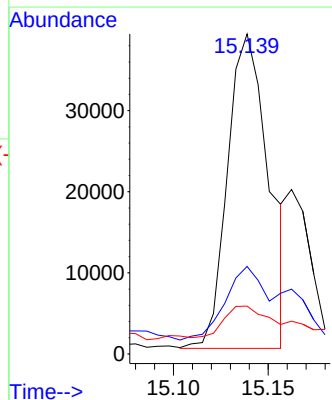
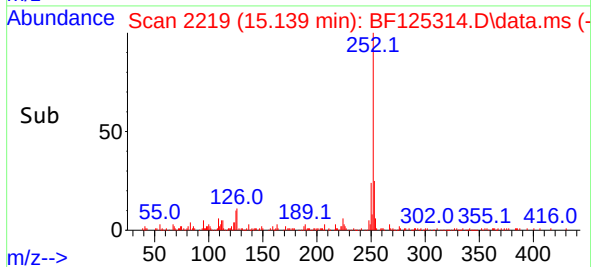
Tgt Ion:264 Resp: 267701
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.998 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125314.D
Acq: 1 Sep 2021 19:14



Tgt Ion:252 Resp: 58639
Ion Ratio Lower Upper
252 100
253 27.4 16.8 25.2#
125 15.0 9.8 14.8#



Instrument :
BNA_F
ClientSampleId :
191-0827-B1-0-2

Manual Integrations
APPROVED

mohammad
9/3/2021 3:30:13 PM