

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125739.D
 Acq On : 30 Sep 2021 18:11
 Operator : JU/CG
 Sample : M3988-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092921

Manual Integrations
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Quant Time: Sep 30 18:37:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	221219	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	904232	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	447777	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	664217	20.000	ng	0.00
76) Chrysene-d12	14.039	240	500565	20.000	ng	0.00
86) Perylene-d12	15.515	264	449384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	228002	16.981	ng	-0.01
7) Phenol-d6	6.498	99	276457	15.315	ng	-0.01
23) Nitrobenzene-d5	7.439	82	149052	11.498	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	53772	12.880	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	325585	-0.371	ng	-0.01
79) Terphenyl-d14	12.986	244	256777	8.883	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	146771	3.940	ng	100
75) Fluoranthene	12.615	202	180791	4.542	ng	99
78) Pyrene	12.845	202	162833	3.600	ng	99
81) Benzo(a)anthracene	14.027	228	72612	2.135	ng	96
83) Chrysene	14.062	228	70338m	2.061	ng	
88) Benzo(b)fluoranthene	15.080	252	85616m	2.719	ng	

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

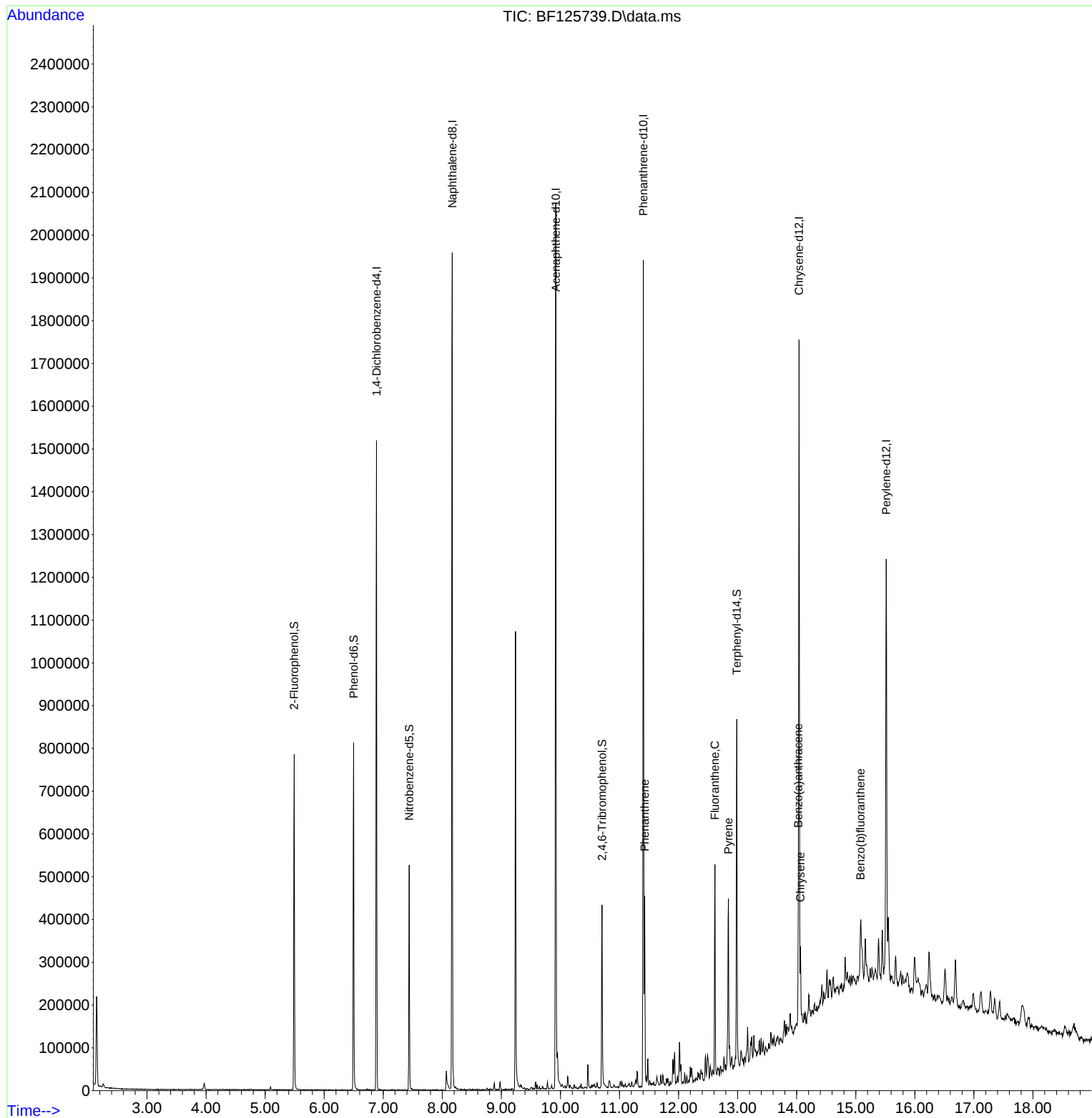
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125739.D
Acq On : 30 Sep 2021 18:11
Operator : JU/CG
Sample : M3988-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

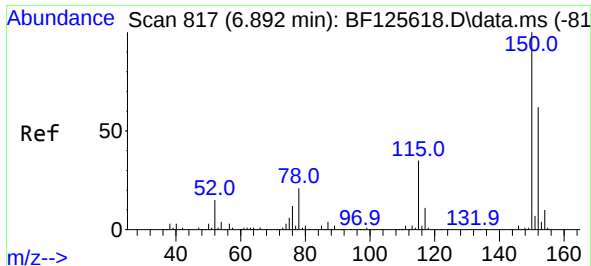
Instrument :
BNA_F
ClientSampled :
OR-03-092921

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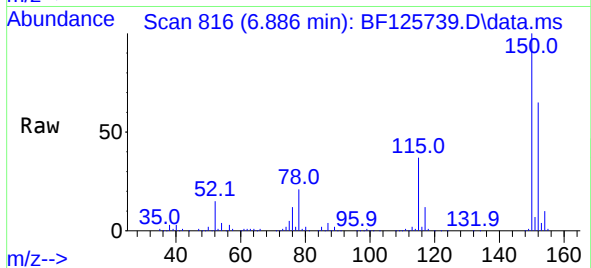
Quant Time: Sep 30 18:37:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

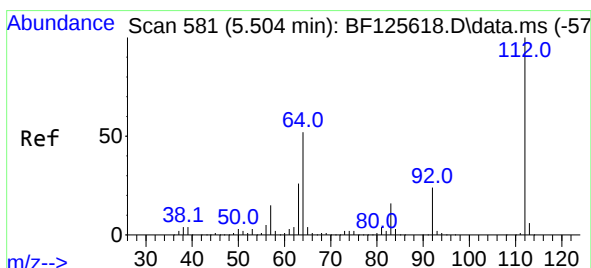
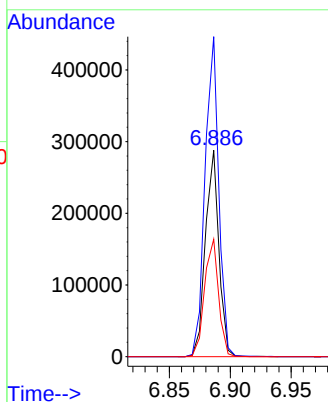
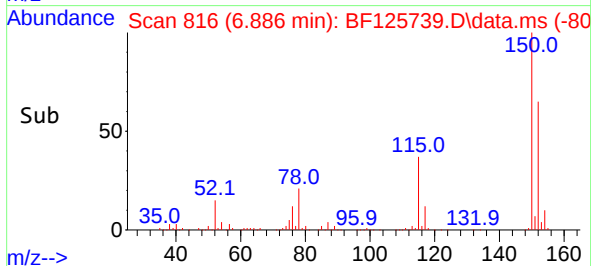
Instrument :
BNA_F
ClientSampleId :
OR-03-092921



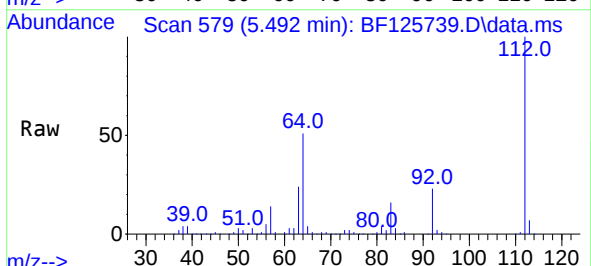
Tgt Ion:152 Resp: 221219
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 56.9 47.1 70.7

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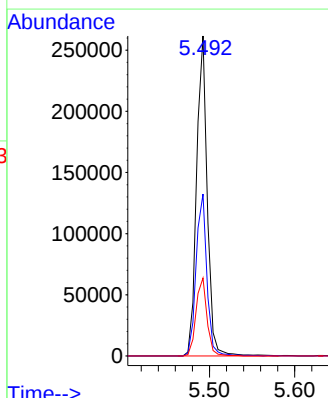
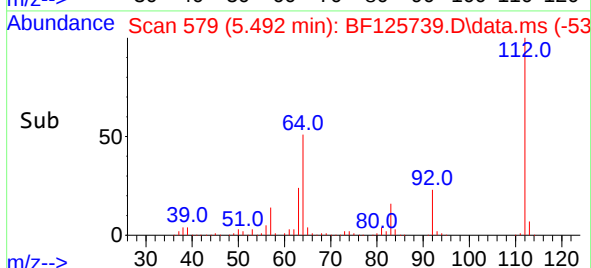
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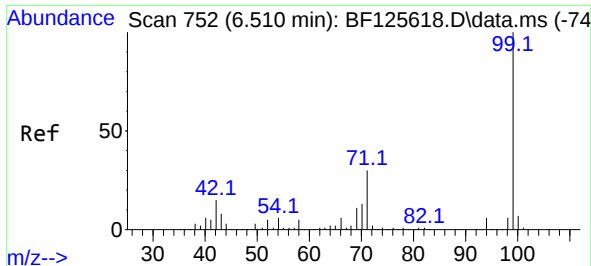


#5
2-Fluorophenol
Concen: 16.981 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



Tgt Ion:112 Resp: 228002
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 24.3 26.2 39.2#





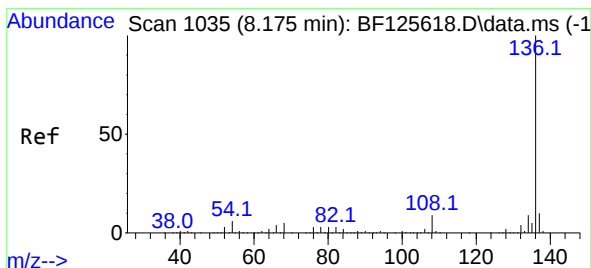
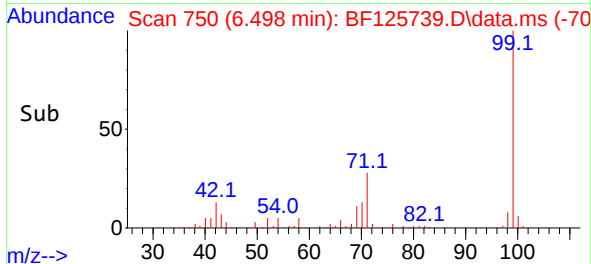
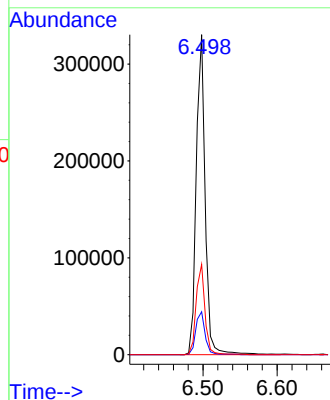
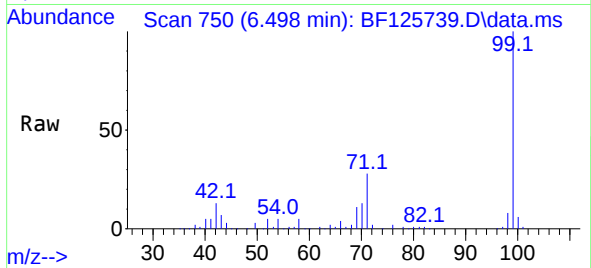
#7
Phenol-d6
Concen: 15.315 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

Tgt Ion: 99 Resp: 276457
Ion Ratio Lower Upper
99 100
42 13.4 23.5 35.3#
71 28.2 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
OR-03-092921

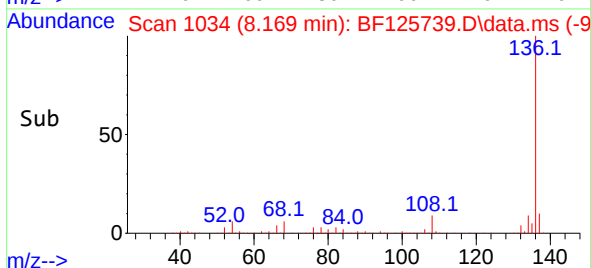
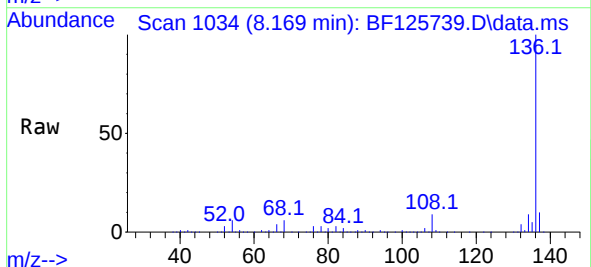
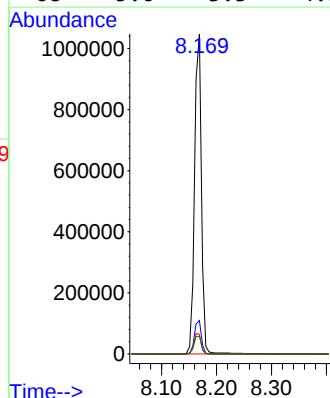
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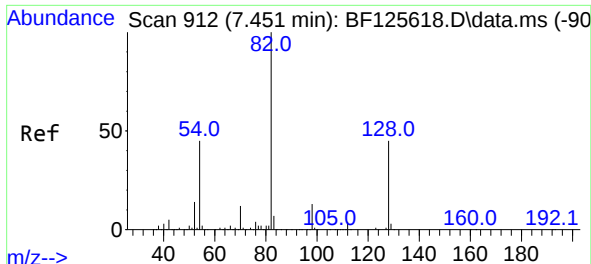
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

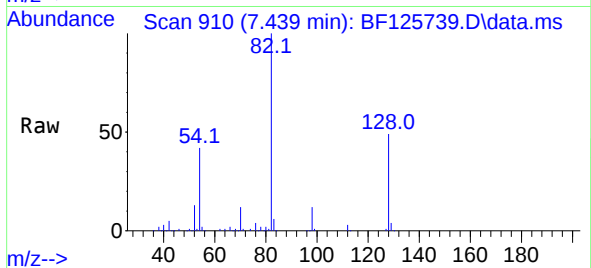
Tgt Ion: 136 Resp: 904232
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.1 6.4 9.6#
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 11.498 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

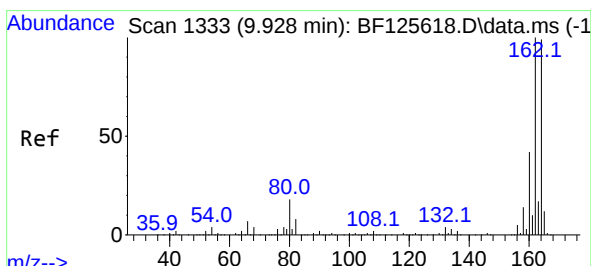
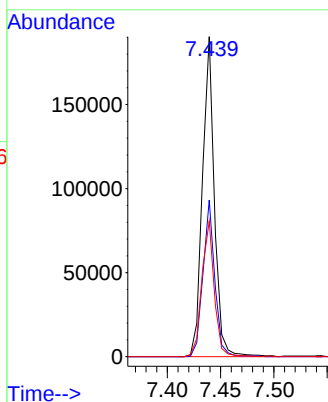
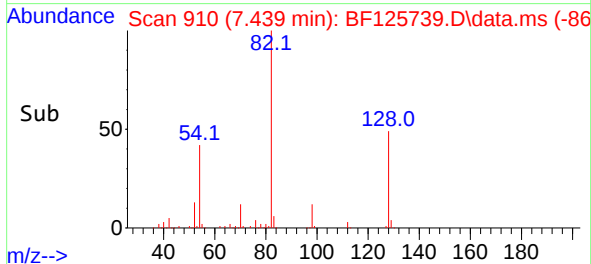
Instrument :
BNA_F
ClientSampleId :
OR-03-092921



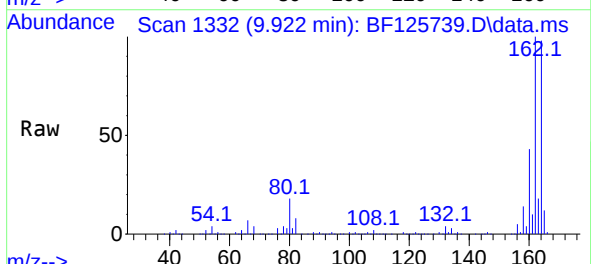
Tgt Ion: 82 Resp: 149052
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 42.4 49.6 74.4#

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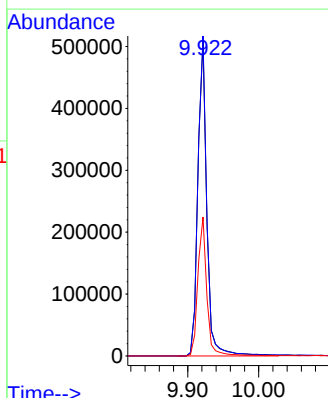
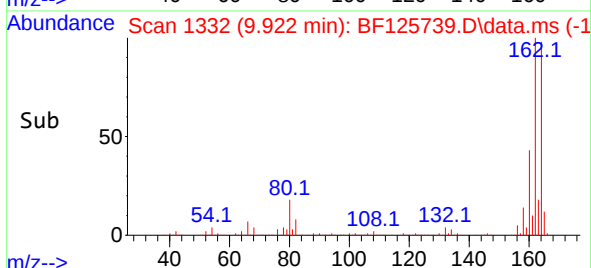
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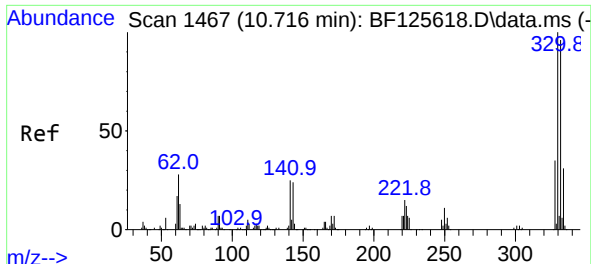


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



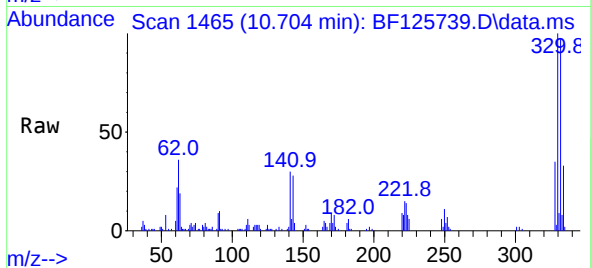
Tgt Ion: 164 Resp: 447777
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 12.880 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

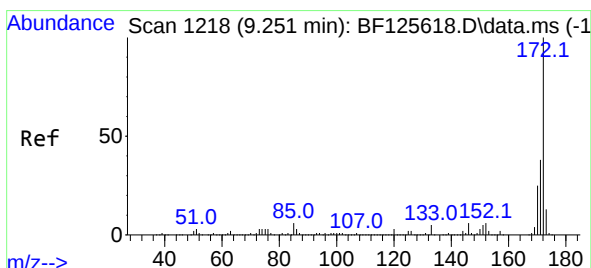
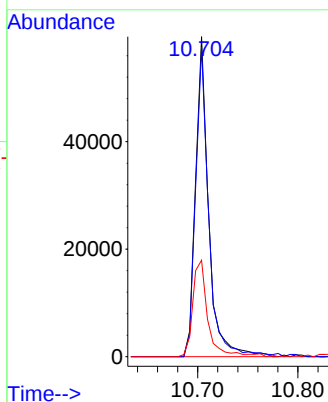
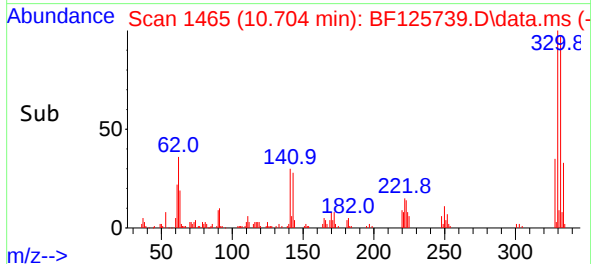
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ClientSampleId :
OR-03-092921



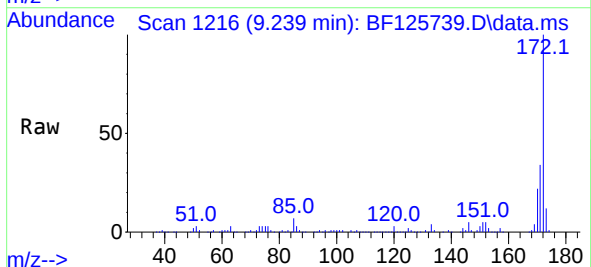
Tgt Ion: 330 Resp: 53772
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 35.1 44.6 66.8#

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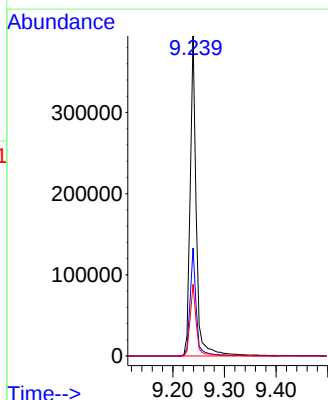
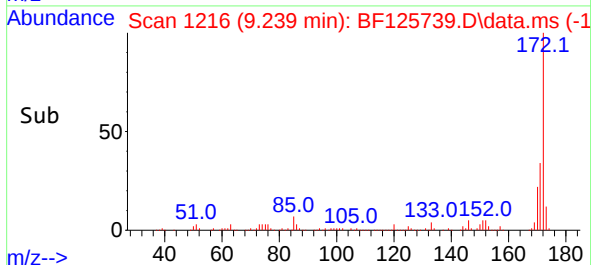
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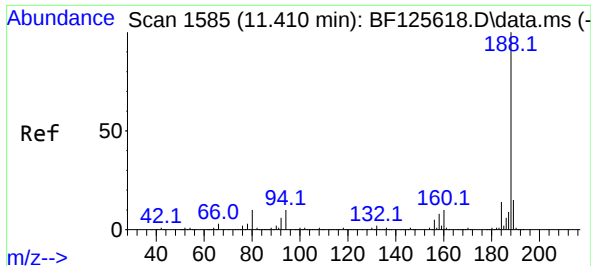


#45
2-Fluorobiphenyl
Concen: -0.371 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



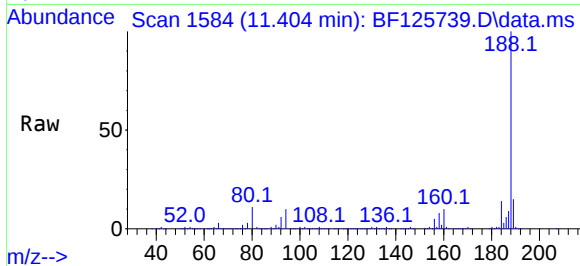
Tgt Ion: 172 Resp: 325585
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

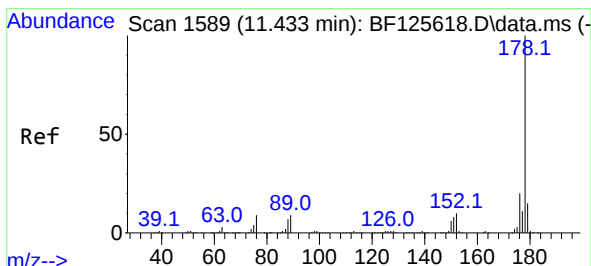
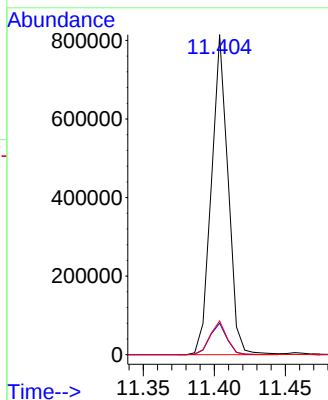
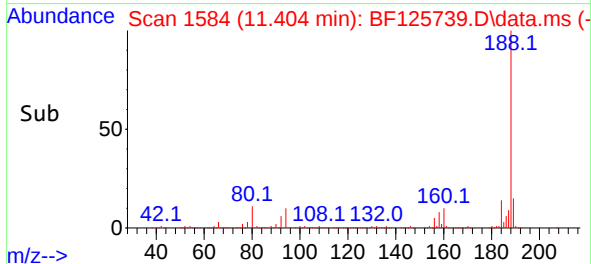
Instrument :
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ClientSampleId :
OR-03-092921



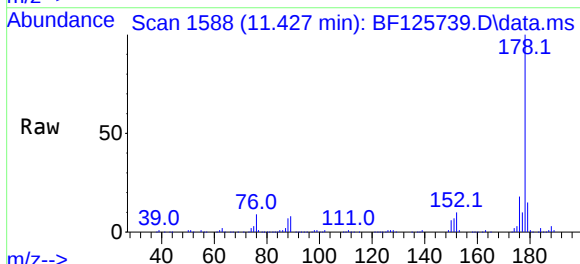
Tgt Ion:188 Resp: 664217
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.6 7.5 11.3

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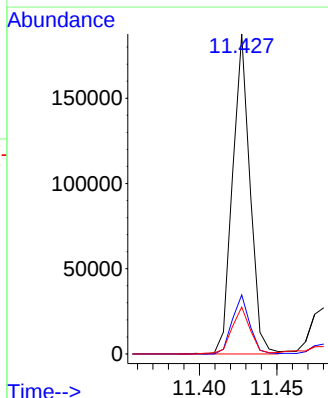
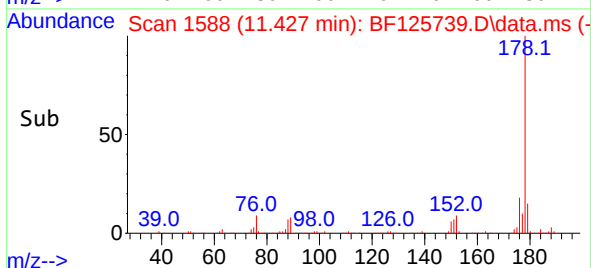
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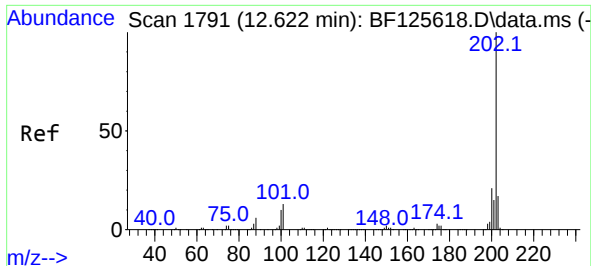


#71
Phenanthrene
Concen: 3.940 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



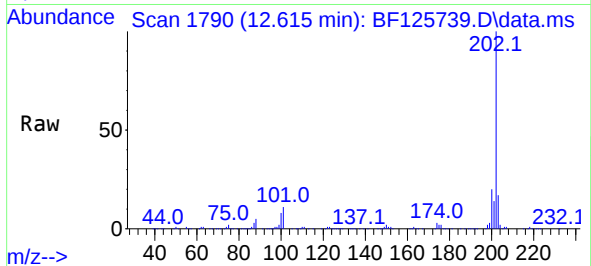
Tgt Ion:178 Resp: 146771
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.7 11.5 17.3





#75
Fluoranthene
Concen: 4.542 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.007 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

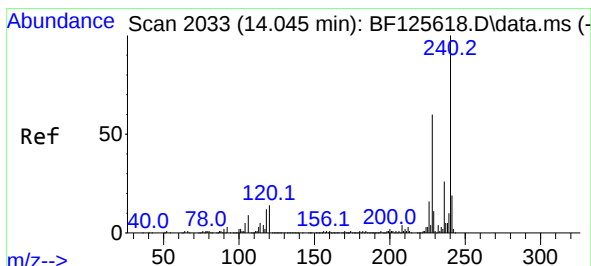
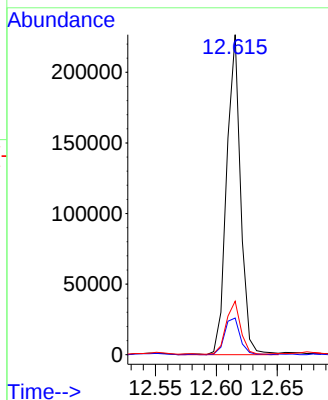
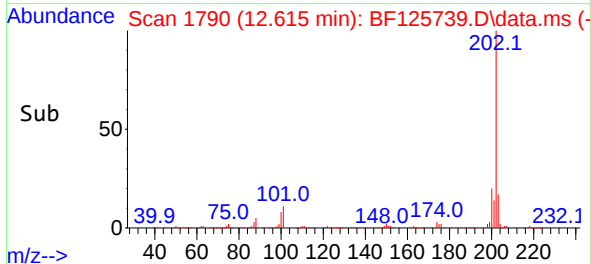
Instrument :
BNA_F
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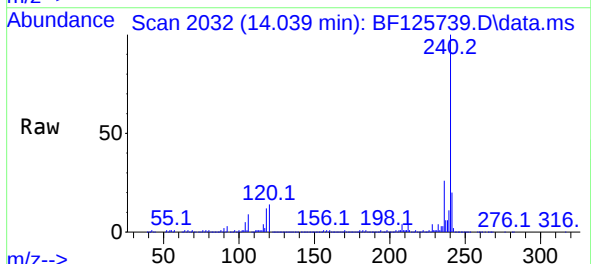
Tgt Ion:202 Resp: 180791
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 16.7 0.0 36.3

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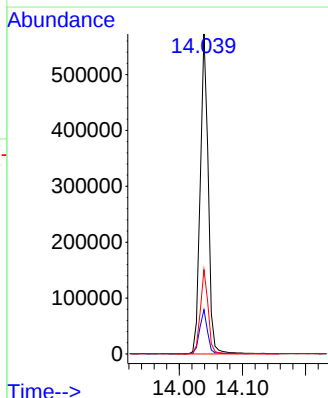
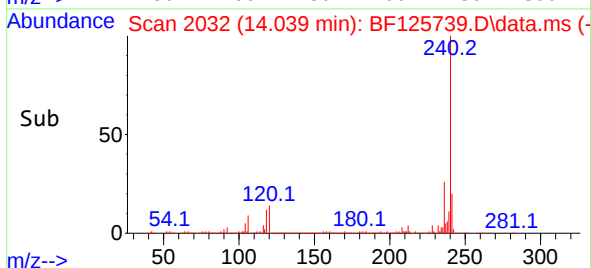
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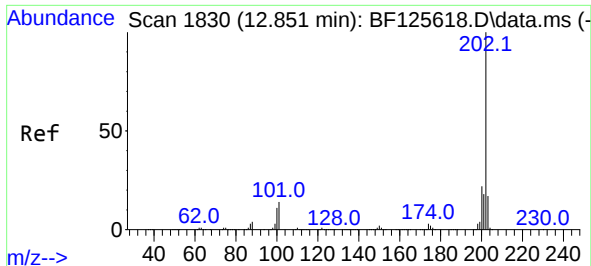


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



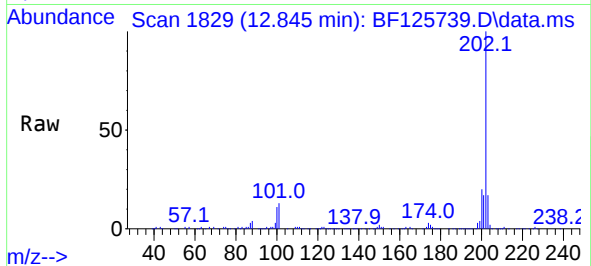
Tgt Ion:240 Resp: 500565
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 26.4 21.6 32.4





#78
Pyrene
Concen: 3.600 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

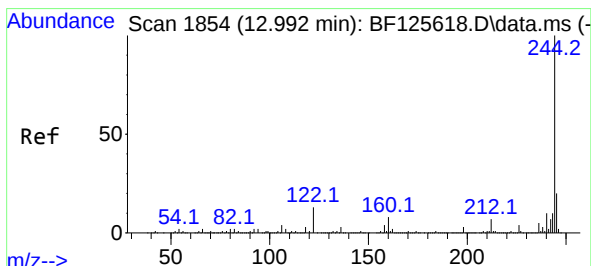
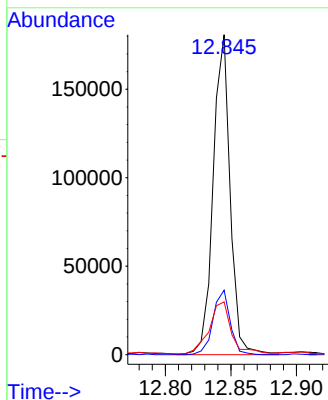
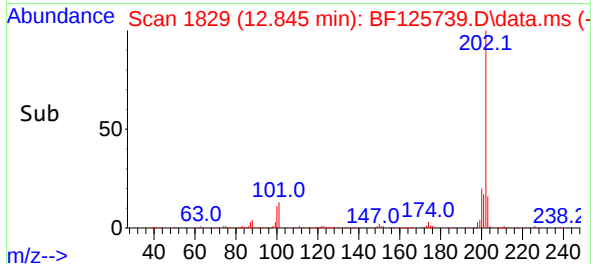
Instrument :
BNA_F
ClientSampleId :
OR-03-092921



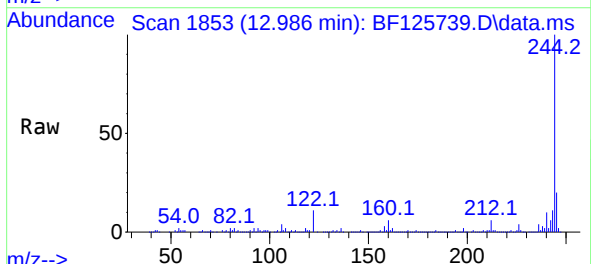
Tgt Ion:202 Resp: 162833
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 16.5 13.4 20.0

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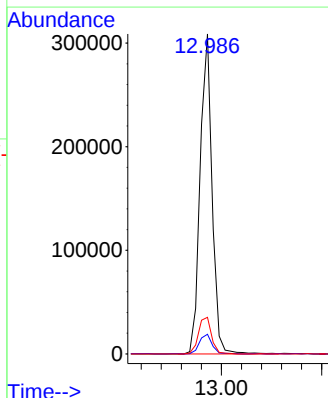
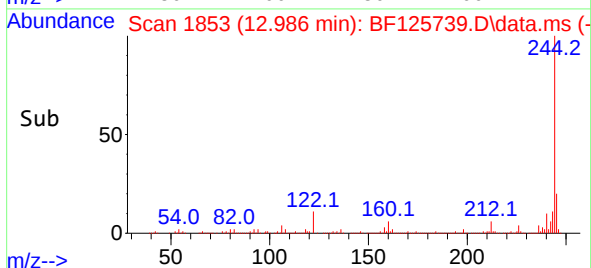
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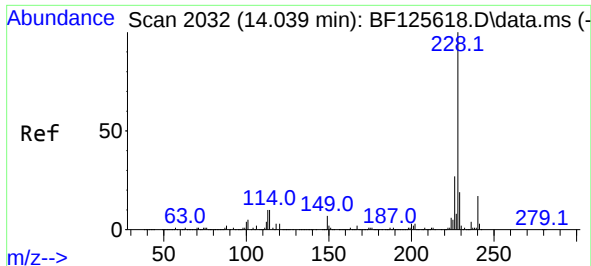


#79
Terphenyl-d14
Concen: 8.883 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



Tgt Ion:244 Resp: 256777
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 11.4 9.0 13.4





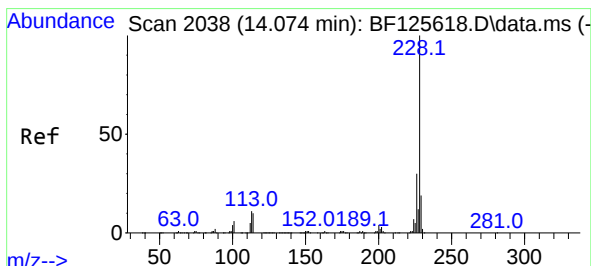
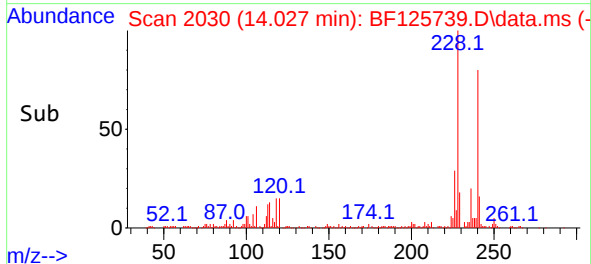
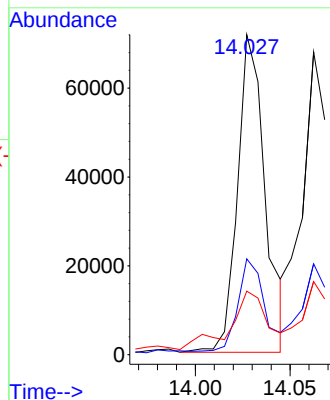
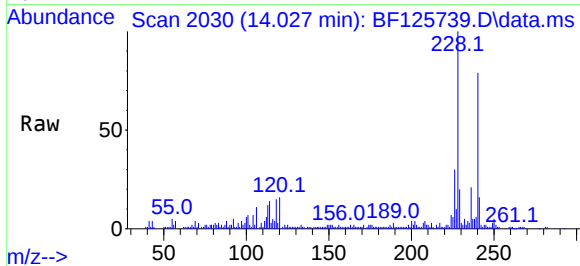
#81
Benzo(a)anthracene
Concen: 2.135 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

Tgt Ion:228 Resp: 72612
Ion Ratio Lower Upper
228 100
226 30.0 21.6 32.4
229 19.8 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
OR-03-092921

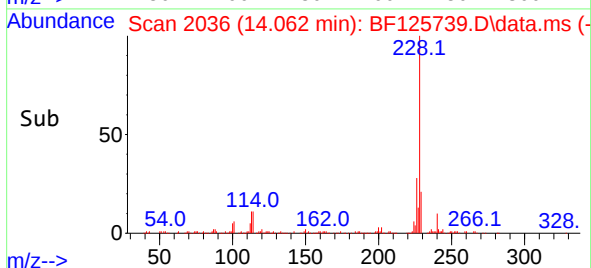
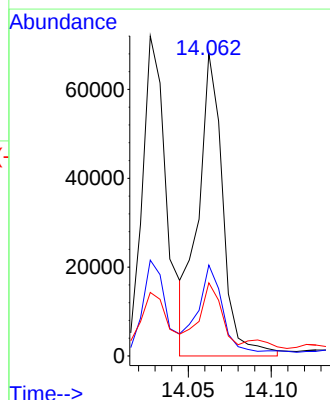
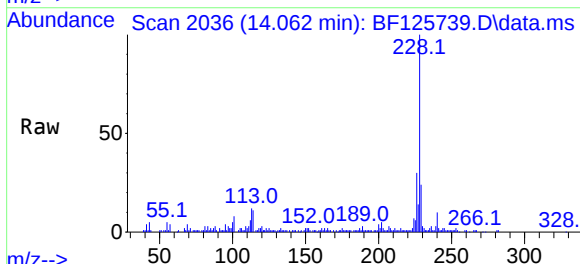
Manual Integrations
APPROVED

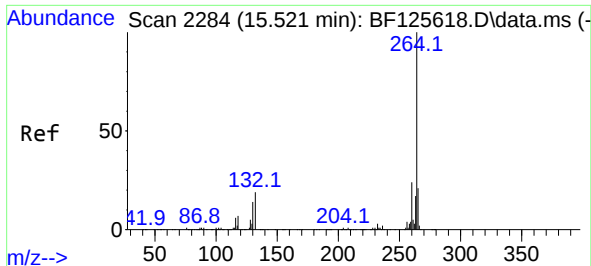
mohammad
10/1/2021 11:28:55 AM



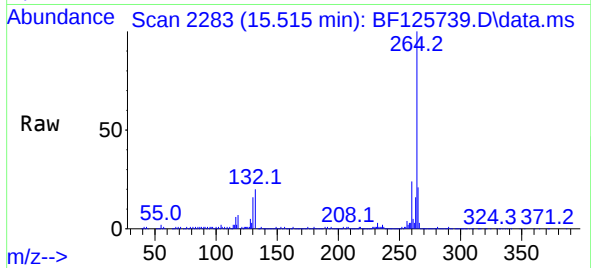
#83
Chrysene
Concen: 2.061 ng m
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11

Tgt Ion:228 Resp: 70338
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 24.2 15.9 23.9#

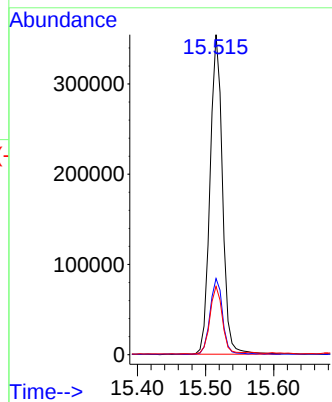
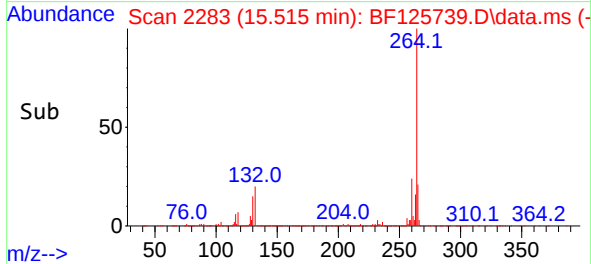




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



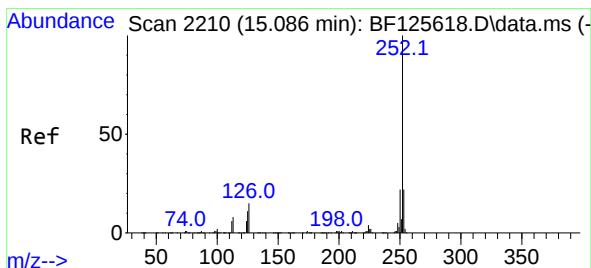
Tgt Ion:264 Resp: 449384
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8



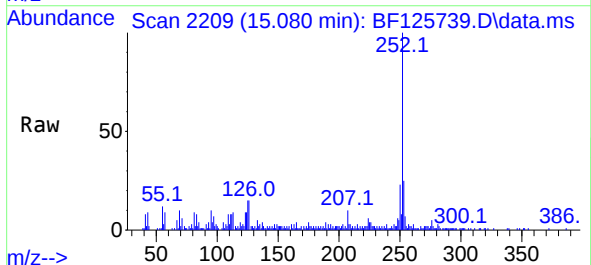
Instrument :
BNA_F
ClientSampleId :
OR-03-092921

Manual Integrations
APPROVED

mohammad
10/1/2021 11:28:55 AM



#88
Benzo(b)fluoranthene
Concen: 2.719 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF125739.D
Acq: 30 Sep 2021 18:11



Tgt Ion:252 Resp: 85616
Ion Ratio Lower Upper
252 100
253 25.3 16.8 25.2#
125 15.1 9.8 14.8#

