

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125851.D
 Acq On : 14 Oct 2021 18:41
 Operator : JU/CG
 Sample : M4191-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Manual Integrations
 APPROVED

mohammad
 10/18/2021 8:34:34 AM

Quant Time: Oct 15 10:42:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	176515	20.00	ng	-0.01
21) Naphthalene-d8	8.110	136	708482	20.00	ng	#-0.02
39) Acenaphthene-d10	9.863	164	374484	20.00	ng	-0.02
64) Phenanthrene-d10	11.345	188	649362	20.00	ng	#-0.02
76) Chrysene-d12	13.980	240	392260	20.00	ng	-0.02
86) Perylene-d12	15.427	264	395388	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1143863	105.86	ng	-0.01
7) Phenol-d6	6.457	99	1423867	102.36	ng	-0.02
23) Nitrobenzene-d5	7.392	82	820347	71.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	392714	106.22	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1550308	71.41	ng	-0.02
79) Terphenyl-d14	12.933	244	1328081	51.57	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	214573	6.18	ng	100
75) Fluoranthene	12.557	202	311379	9.93	ng	98
78) Pyrene	12.780	202	268799	6.75	ng	97
81) Benzo(a)anthracene	13.969	228	119895	4.71	ng	99
83) Chrysene	14.004	228	101313	4.03	ng	98
88) Benzo(b)fluoranthene	15.010	252	126991m	5.69	ng	
89) Benzo(k)fluoranthene	15.033	252	48016m	2.10	ng	
90) Benzo(a)pyrene	15.363	252	90466	4.58	ng	99
92) Benzo(g,h,i)perylene	17.292	276	51918	2.04	ng	97

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

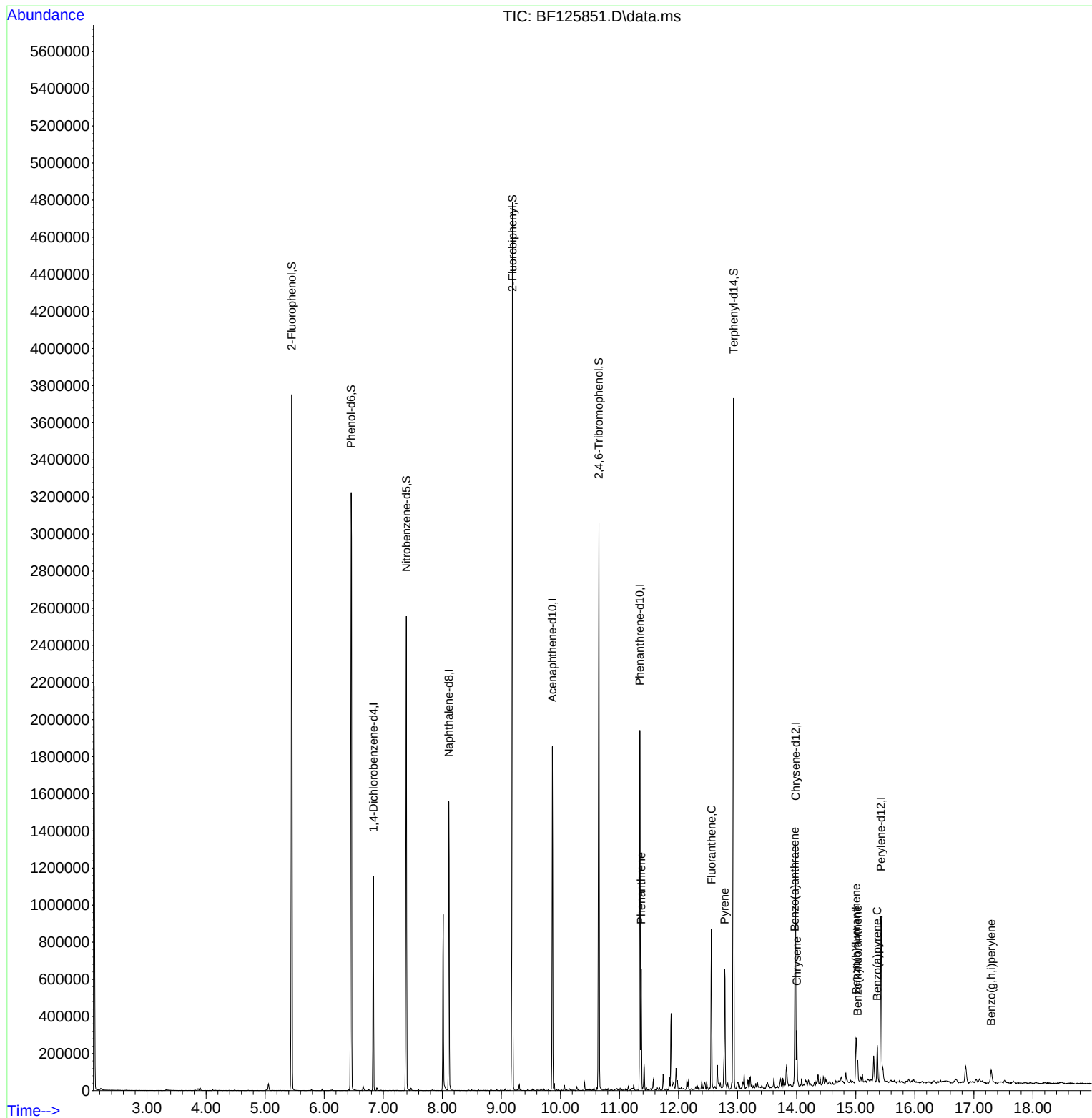
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125851.D
Acq On : 14 Oct 2021 18:41
Operator : JU/CG
Sample : M4191-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

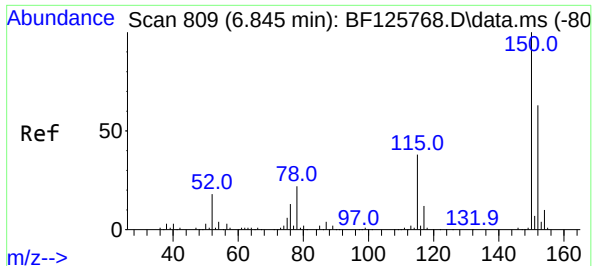
Instrument :
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ClientSampleId :
COMP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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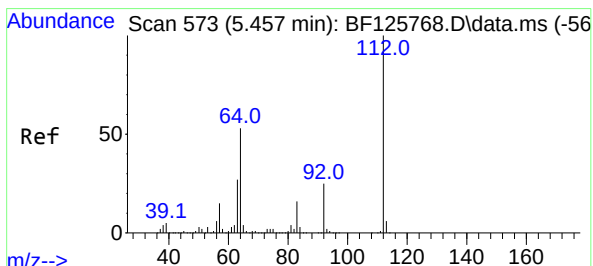
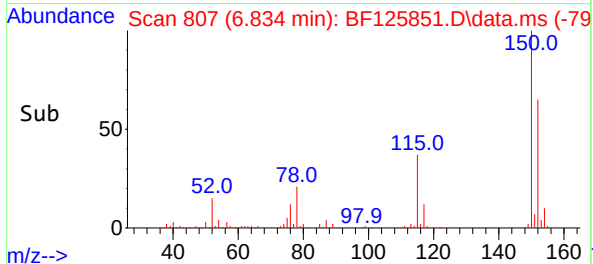
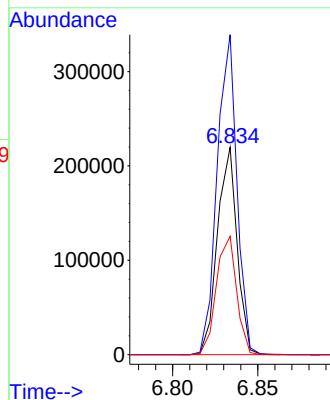
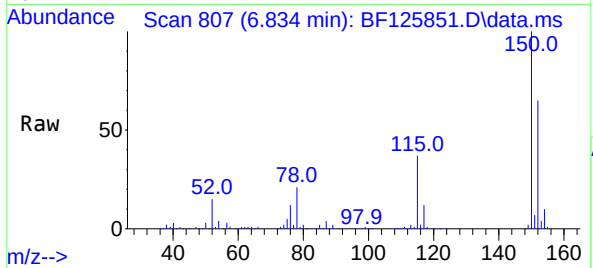
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:152 Resp: 176515
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 57.1 47.1 70.7

Instrument :
BNA_F
ClientSampleId :
COMP-5

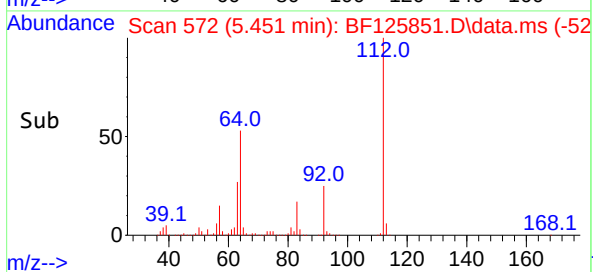
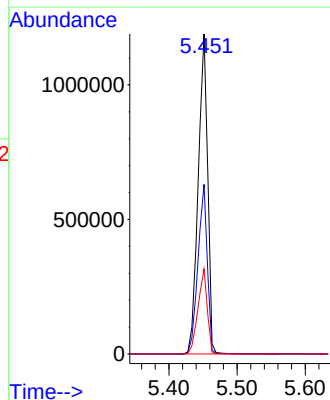
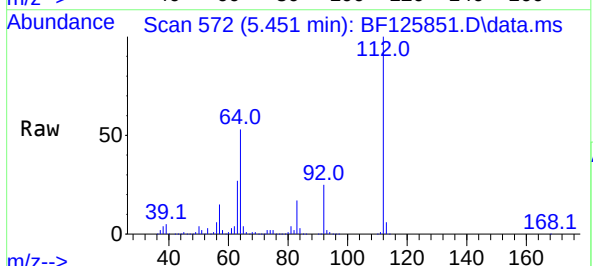
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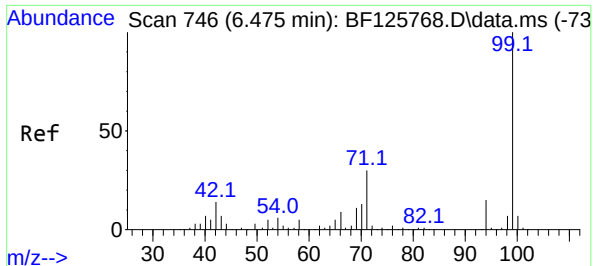
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#5
2-Fluorophenol
Concen: 105.86 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:112 Resp: 1143863
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 26.6 26.2 39.2





#7
Phenol-d6
Concen: 102.36 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

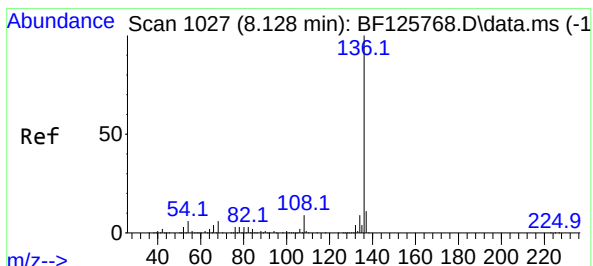
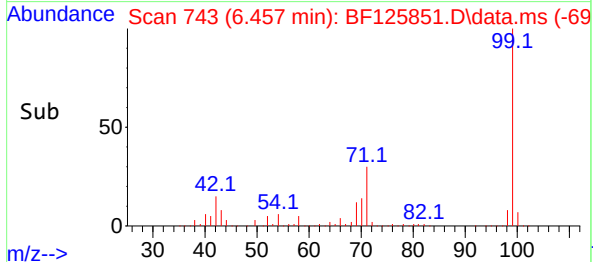
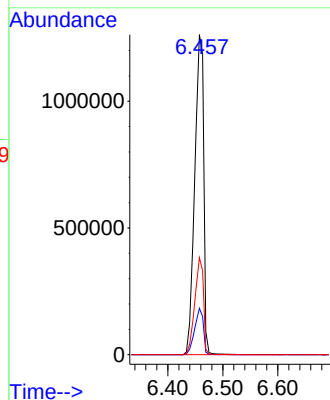
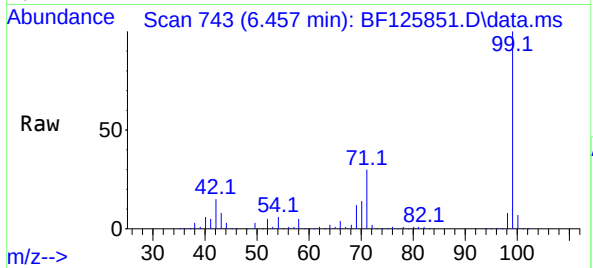
Tgt Ion: 99 Resp: 1423867

Ion	Ratio	Lower	Upper
99	100		
42	14.5	23.5	35.3#
71	30.3	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
COMP-5

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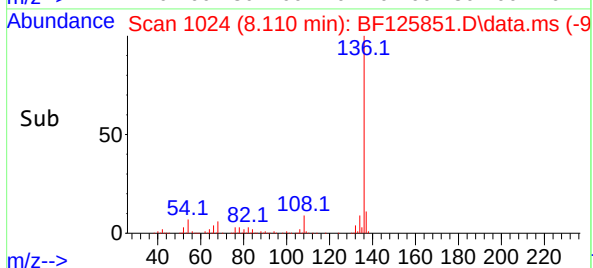
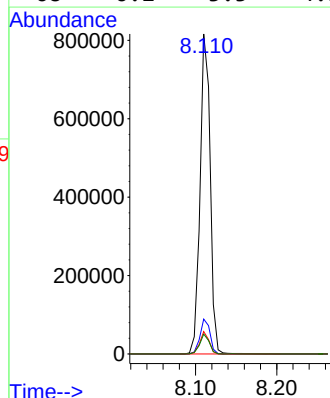
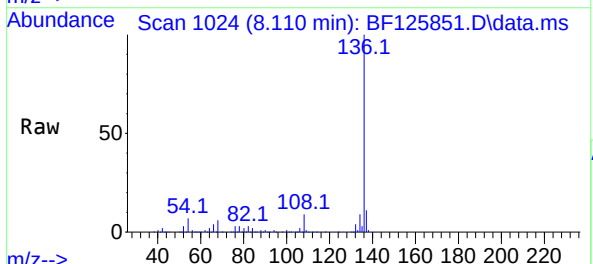
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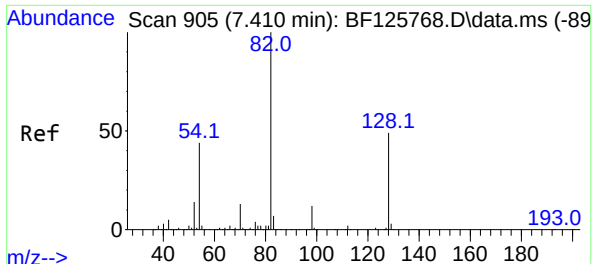


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion: 136 Resp: 708482

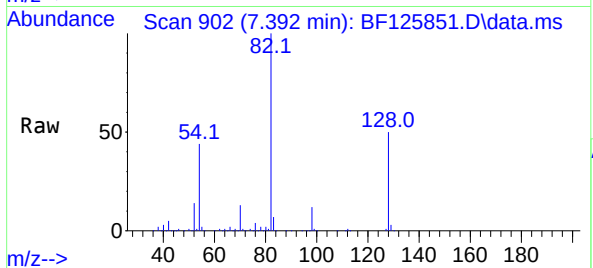
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	7.0	6.4	9.6
68	6.2	3.3	4.9#





#23
Nitrobenzene-d5
Concen: 71.97 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

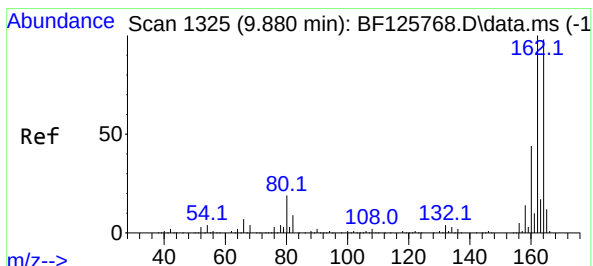
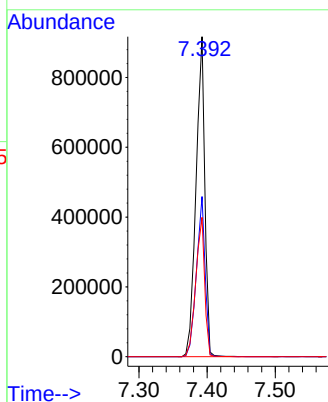
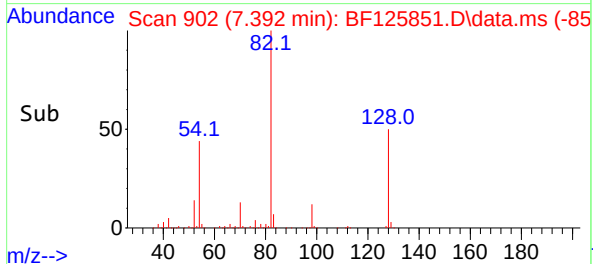
Instrument :
BNA_F
ClientSampleID :
COMP-5



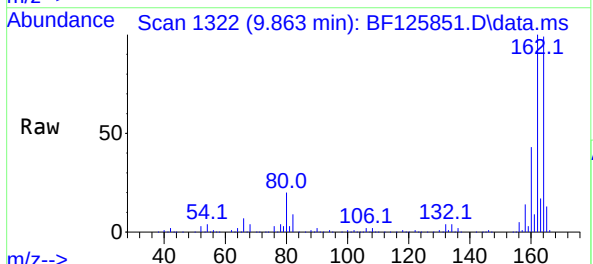
Tgt Ion: 82 Resp: 820347
Ion Ratio Lower Upper
82 100
128 50.0 40.6 60.8
54 43.5 49.6 74.4#

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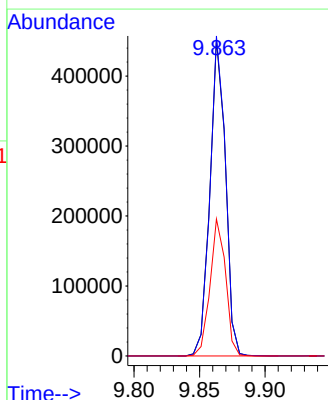
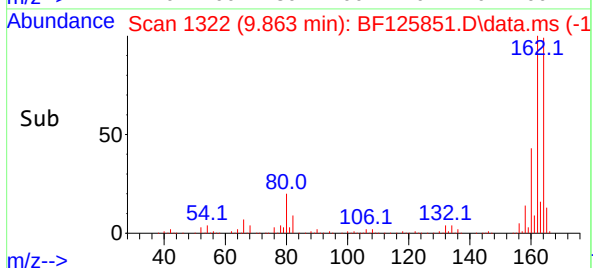
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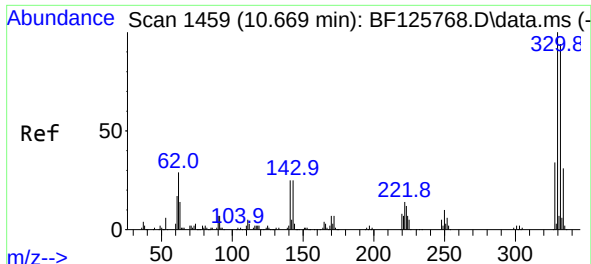


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



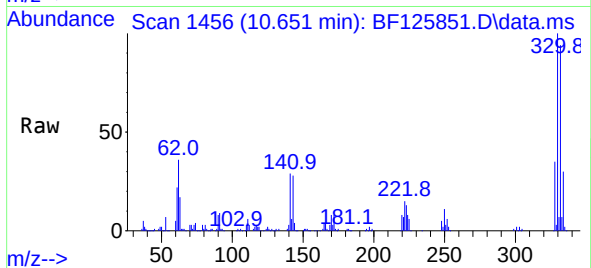
Tgt Ion: 164 Resp: 374484
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 43.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 106.22 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

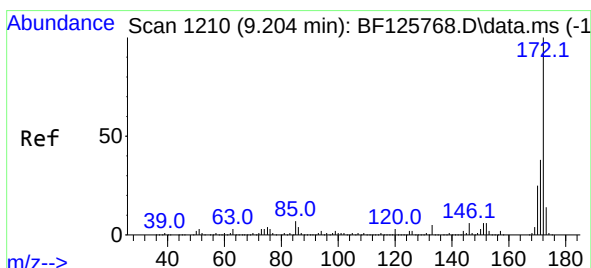
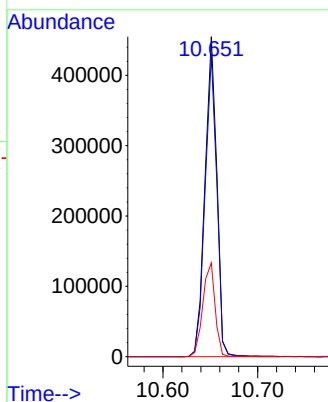
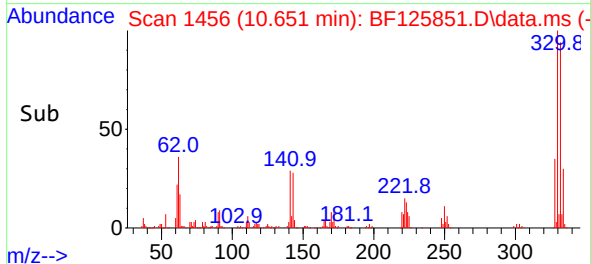
Instrument :
BNA_F
ClientSampled :
COMP-5



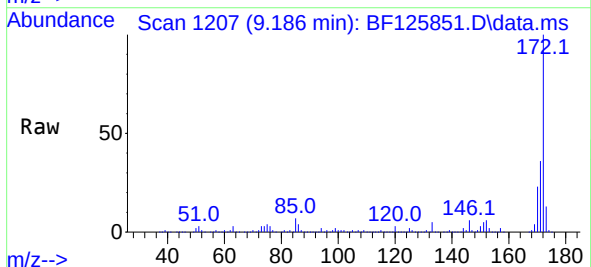
Tgt Ion:330 Resp: 392714
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 30.7 44.6 66.8#

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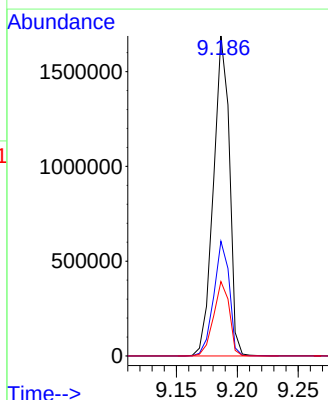
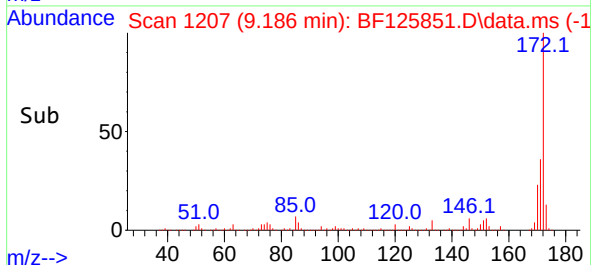
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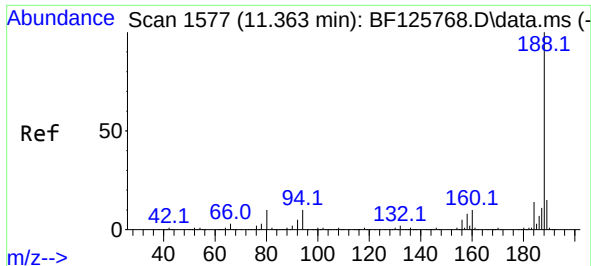


#45
2-Fluorobiphenyl
Concen: 71.41 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



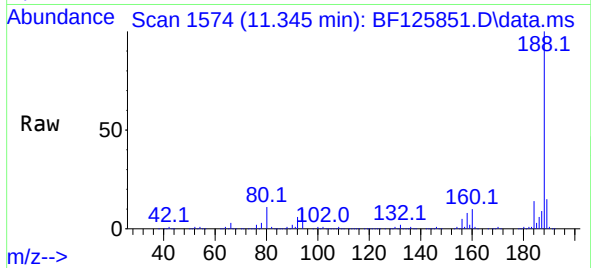
Tgt Ion:172 Resp: 1550308
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

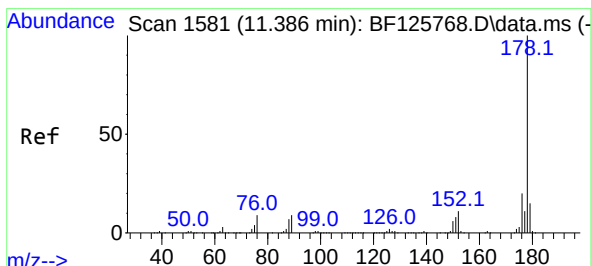
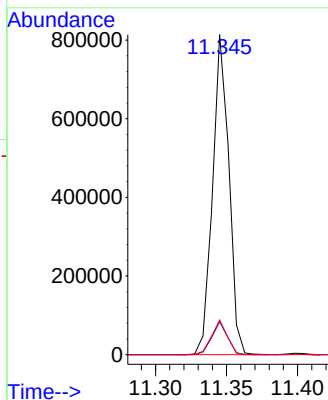
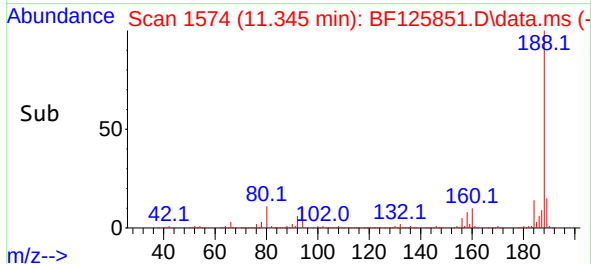
Instrument :
BNA_F
ClientSampled :
COMP-5



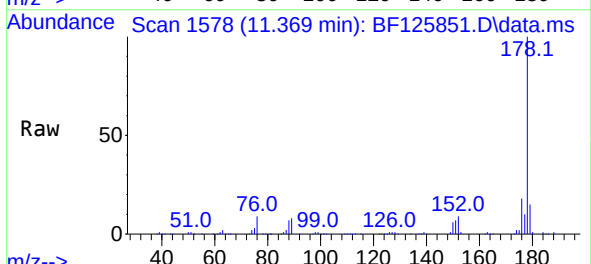
Tgt Ion:188 Resp: 649362
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.8 7.5 11.3

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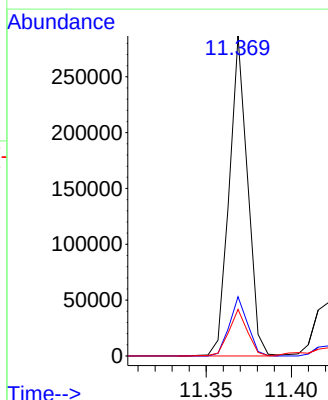
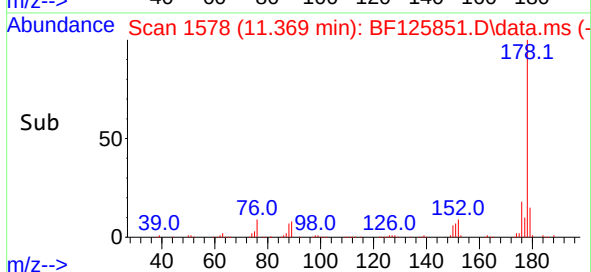
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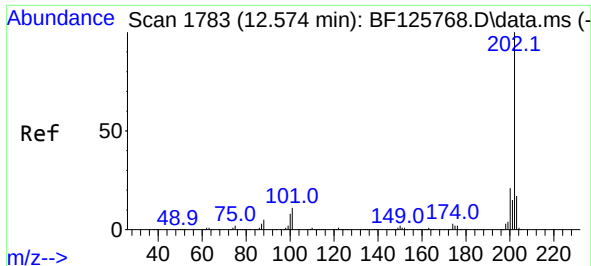


#71
Phenanthrene
Concen: 6.18 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.024 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



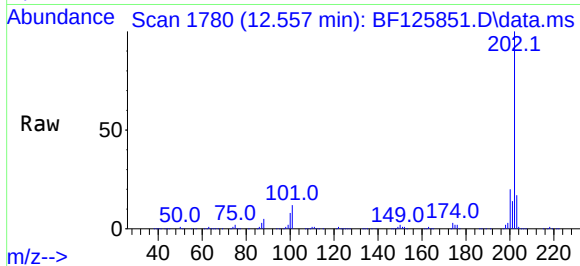
Tgt Ion:178 Resp: 214573
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.5 11.5 17.3





#75
Fluoranthene
Concen: 9.93 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

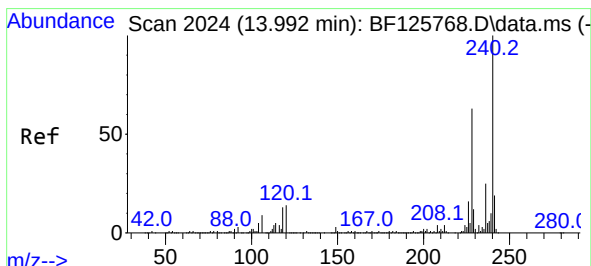
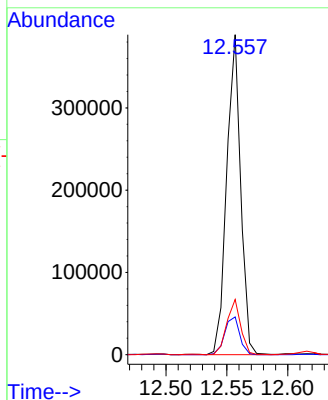
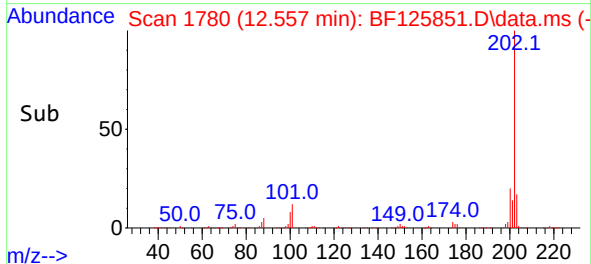
Instrument :
BNA_F
ClientSampleId :
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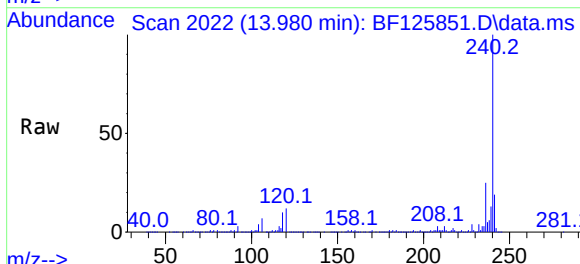
Tgt Ion:202 Resp: 311379
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.7
203 17.2 0.0 36.3

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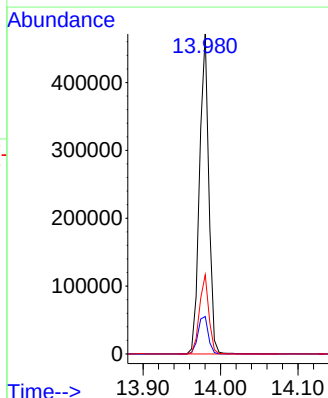
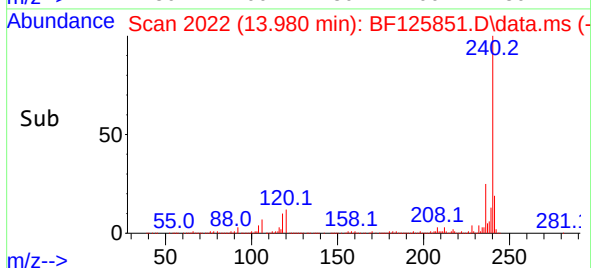
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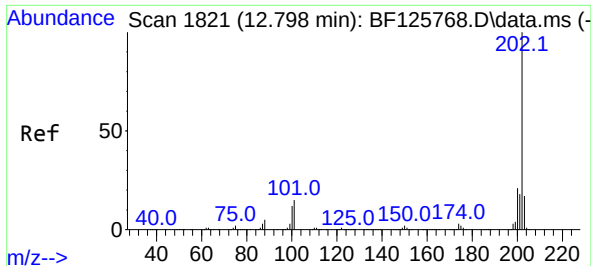


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



Tgt Ion:240 Resp: 392260
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 24.8 21.6 32.4





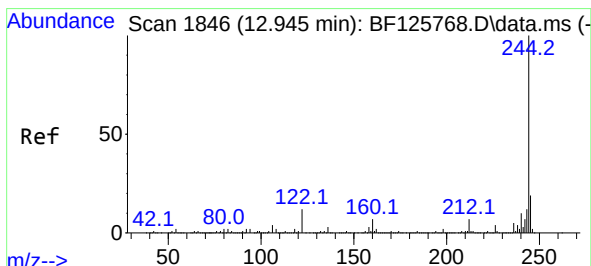
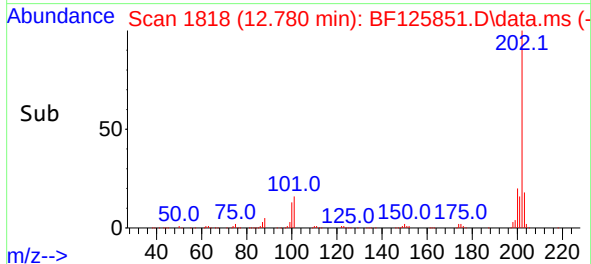
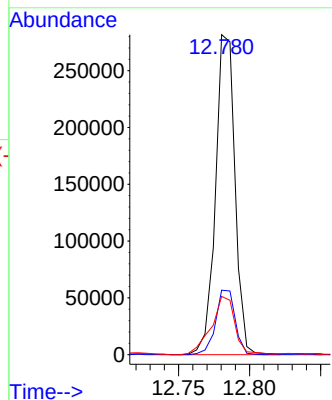
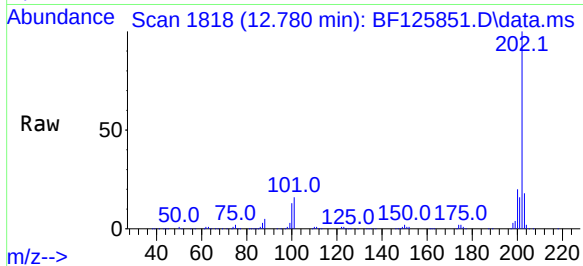
#78
Pyrene
Concen: 6.75 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.024 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:202 Resp: 268799
Ion Ratio Lower Upper
202 100
200 20.2 15.3 22.9
203 18.2 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
COMP-5

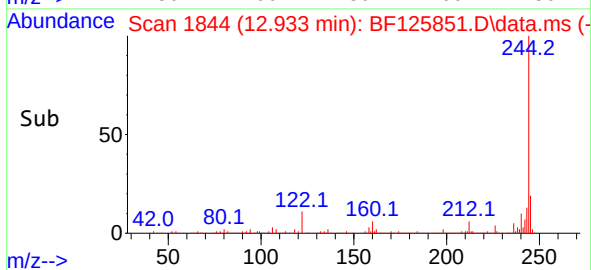
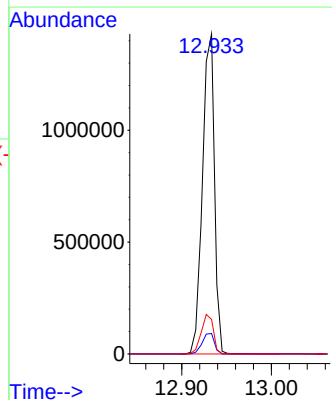
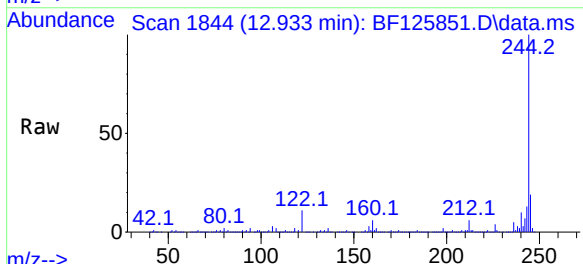
Manual Integrations
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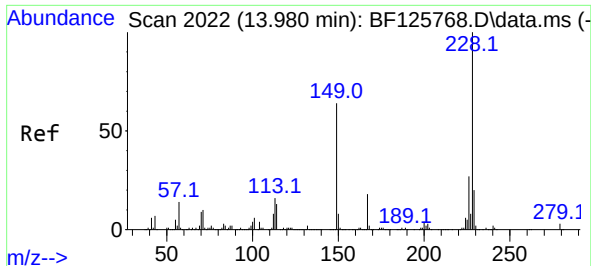
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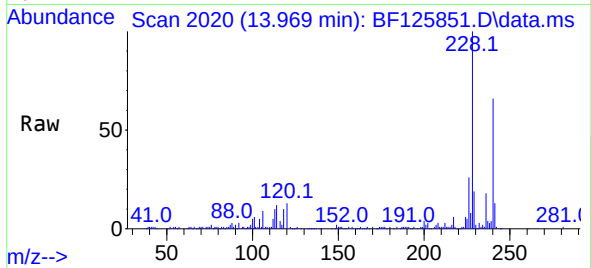
#79
Terphenyl-d14
Concen: 51.57 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:244 Resp: 1328081
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.8 9.0 13.4





#81
Benzo(a)anthracene
Concen: 4.71 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

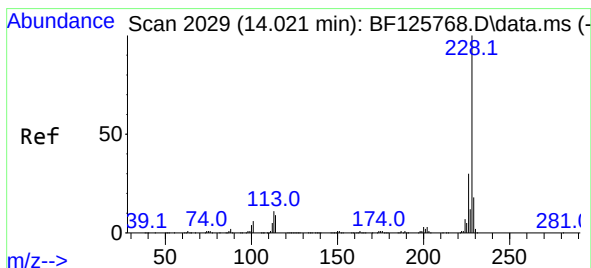
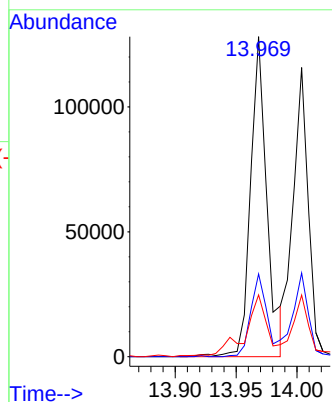


Tgt Ion:228 Resp: 119895
Ion Ratio Lower Upper
228 100
226 25.8 21.6 32.4
229 19.3 15.6 23.4

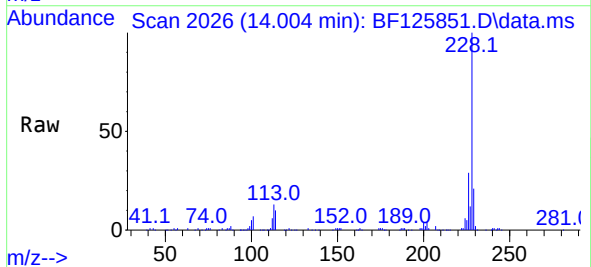
Instrument :
BNA_F
ClientSampled :
COMP-5

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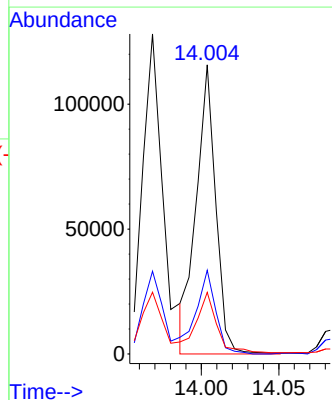
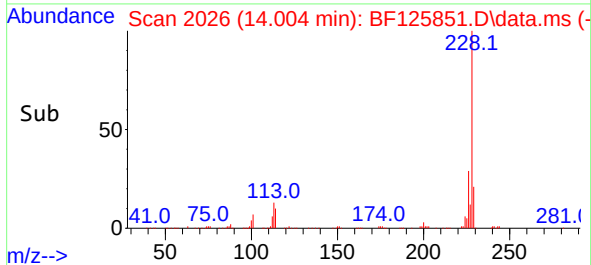
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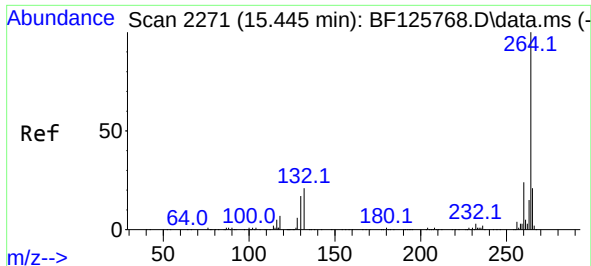


#83
Chrysene
Concen: 4.03 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.024 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



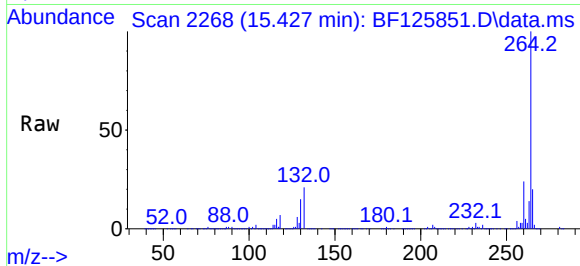
Tgt Ion:228 Resp: 101313
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 21.3 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.024 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

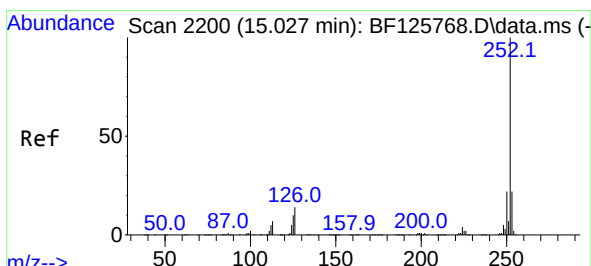
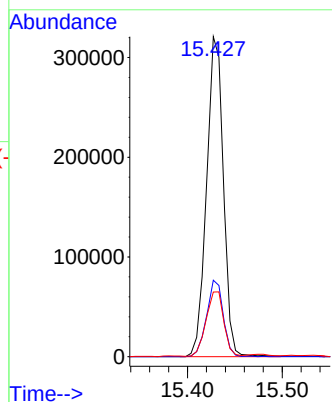
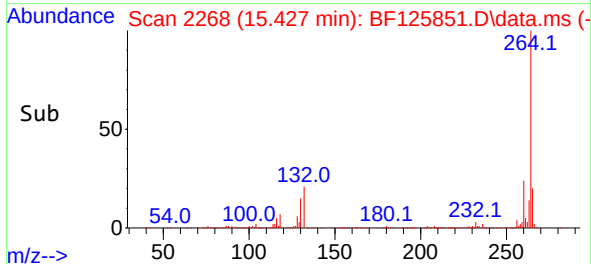
Instrument :
BNA_F
ClientSampleId :
COMP-5



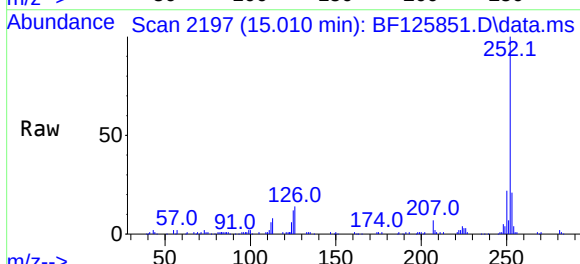
Tgt Ion:264 Resp: 395388
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 20.2 17.2 25.8

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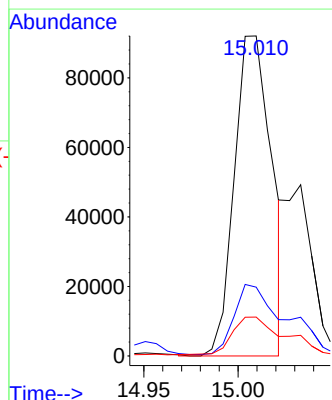
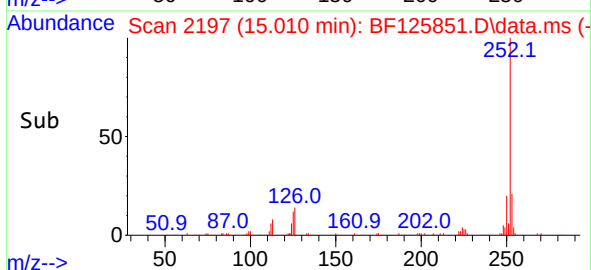
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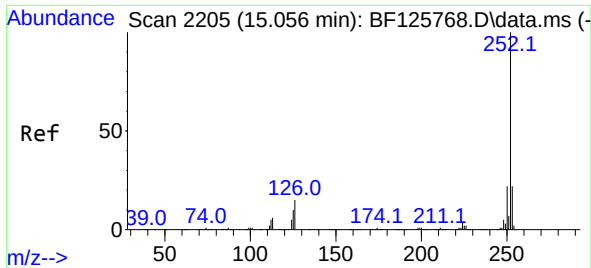


#88
Benzo(b)fluoranthene
Concen: 5.69 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



Tgt Ion:252 Resp: 126991
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 12.2 9.8 14.8





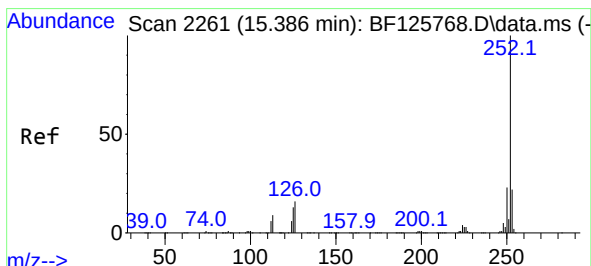
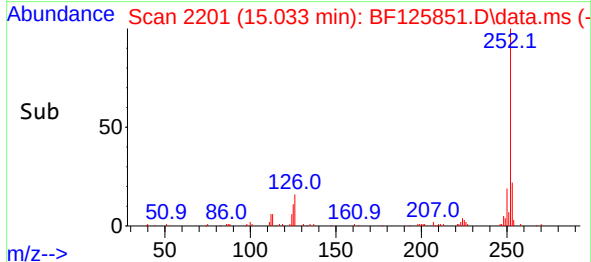
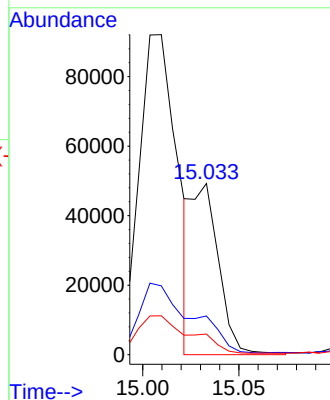
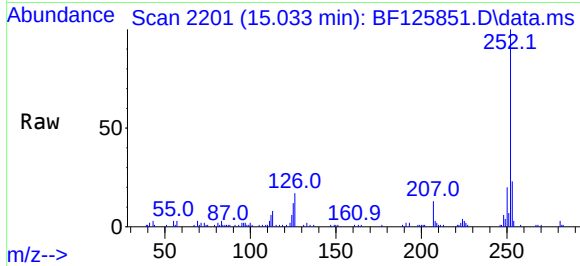
#89
Benzo(k)fluoranthene
Concen: 2.10 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.029 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:252 Resp: 48016
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.1 7.2 10.8#

Instrument :
BNA_F
ClientSampled :
COMP-5

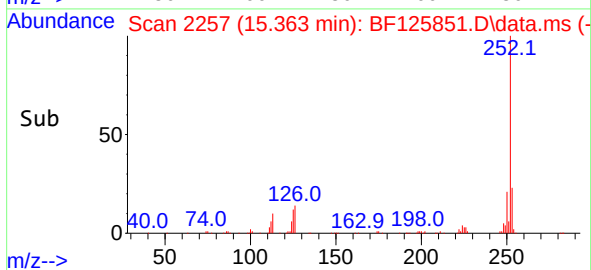
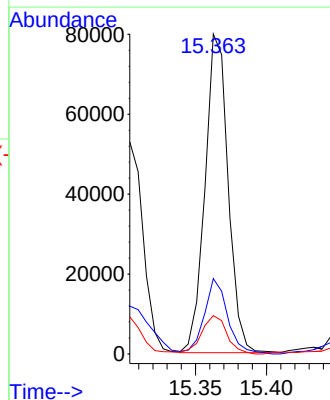
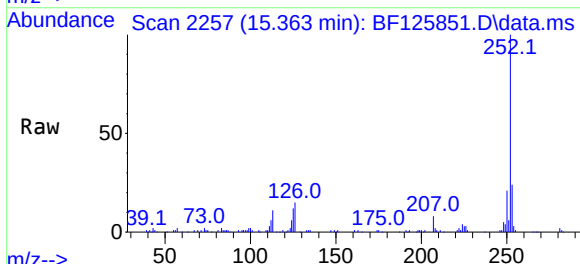
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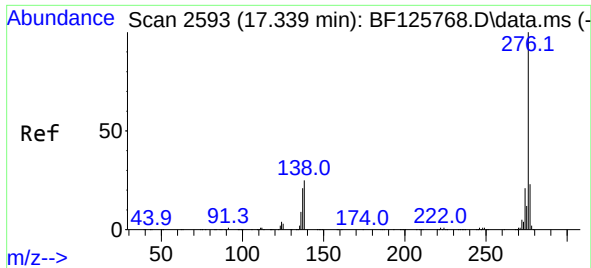
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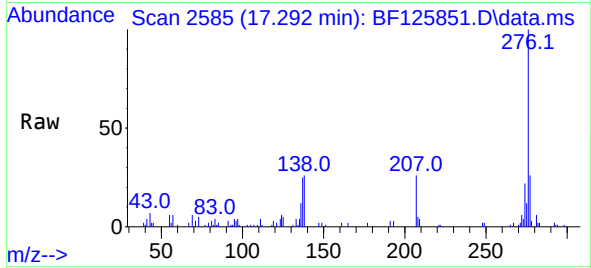
#90
Benzo(a)pyrene
Concen: 4.58 ng
RT: 15.363 min Scan# 2257
Delta R.T. -0.029 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41

Tgt Ion:252 Resp: 90466
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 12.0 9.9 14.9

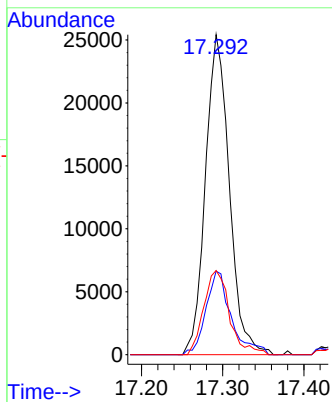
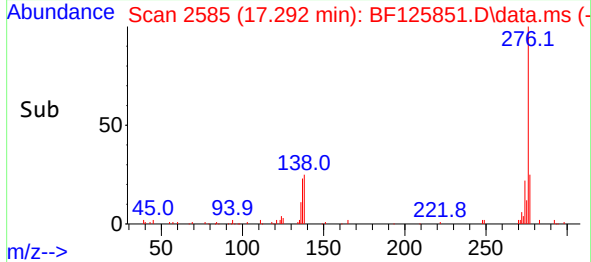




#92
Benzo(g,h,i)perylene
Concen: 2.04 ng
RT: 17.292 min Scan# 2585
Delta R.T. -0.059 min
Lab File: BF125851.D
Acq: 14 Oct 2021 18:41



Tgt Ion:	276	Resp:	51918
Ion	Ratio	Lower	Upper
276	100		
277	26.1	22.0	33.0
138	26.3	22.2	33.4



Instrument :
BNA_F
ClientSampleId :
COMP-5

Manual Integrations
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