

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122794.D
 Acq On : 18 Dec 2020 19:42
 Operator : JU/CG
 Sample : L5127-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121620

Manual Integrations
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mohammad
 12/21/2020 10:42:37 AM

Quant Time: Dec 18 23:34:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	151630	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	574263	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	289079	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	478363	20.00	ng	0.00
76) Chrysene-d12	13.980	240	381011	20.00	ng	0.00
86) Perylene-d12	15.445	264	429262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	355704	37.14	ng	0.00
7) Phenol-d6	6.445	99	441024	34.72	ng	-0.01
23) Nitrobenzene-d5	7.375	82	269128	23.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	123239	32.57	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	554334	25.94	ng	-0.01
79) Terphenyl-d14	12.921	244	494137	22.70	ng	-0.01
Target Compounds						
						Qvalue
49) Acenaphthylene	9.716	152	62011	2.11	ng	98
50) Dimethylphthalate	9.569	163	88304	3.82	ng	99
71) Phenanthrene	11.363	178	201342	7.08	ng	97
72) Anthracene	11.415	178	61992	2.20	ng	99
75) Fluoranthene	12.551	202	300208	10.07	ng	99
78) Pyrene	12.780	202	275656	9.36	ng	98
81) Benzo(a)anthracene	13.968	228	166969	6.56	ng	96
83) Chrysene	14.004	228	159045	6.28	ng	96
87) Indeno(1,2,3-cd)pyrene	16.892	276	149297	5.30	ng	96
88) Benzo(b)fluoranthene	15.015	252	259909m	8.63	ng	
89) Benzo(k)fluoranthene	15.045	252	96142m	3.49	ng	
90) Benzo(a)pyrene	15.380	252	193842	7.36	ng	96
92) Benzo(g,h,i)perylene	17.327	276	143137	6.41	ng	99

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

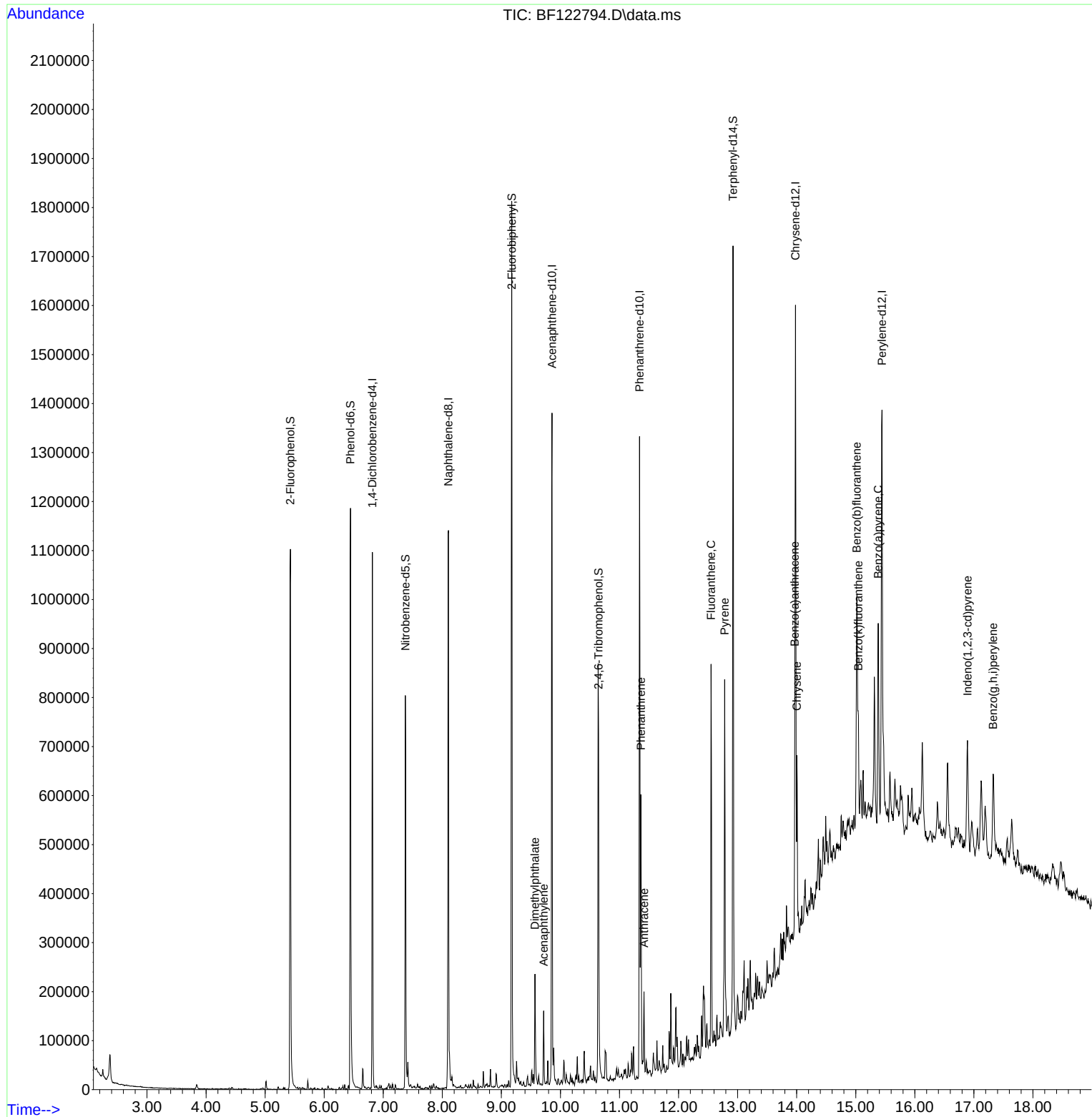
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Data File : BF122794.D
Acq On : 18 Dec 2020 19:42
Operator : JU/CG
Sample : L5127-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

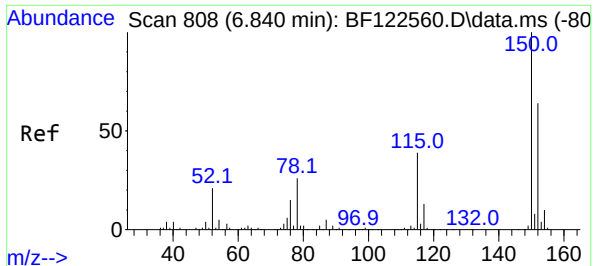
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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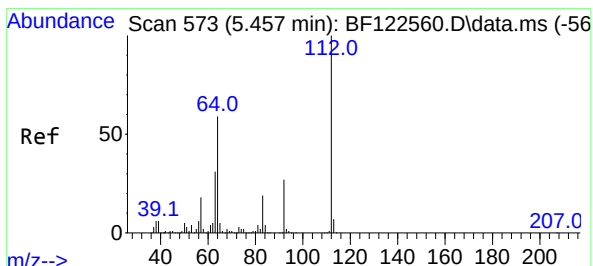
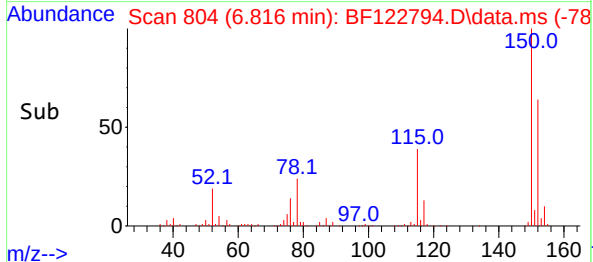
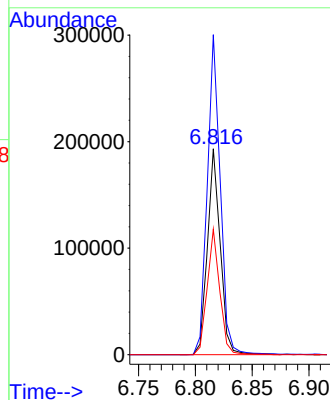
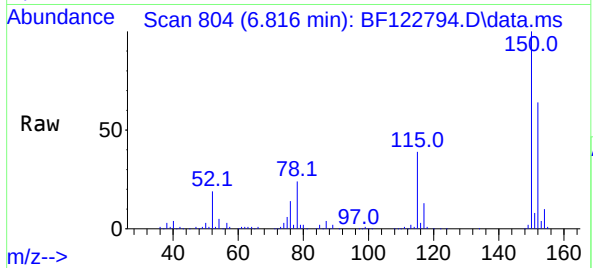
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion:152 Resp: 151630
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 60.9 49.3 73.9

Instrument :
BNA_F
ClientSampled :
SU-02-121620

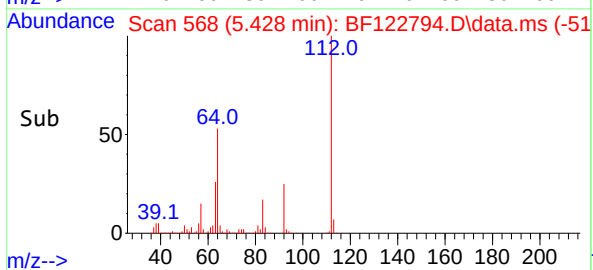
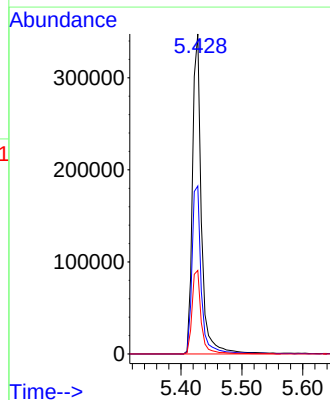
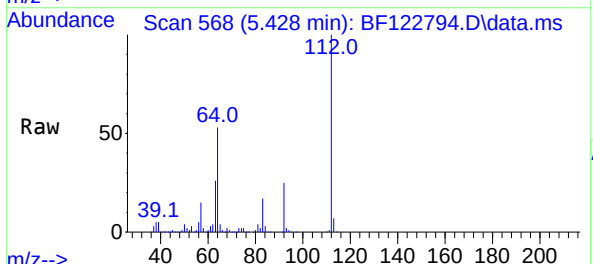
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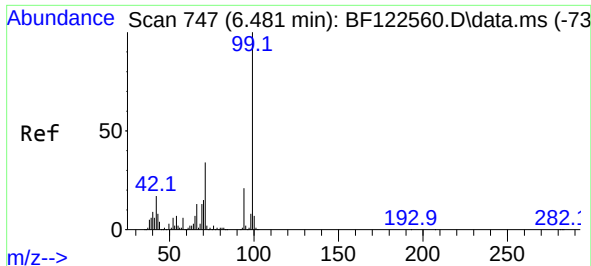
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#5
2-Fluorophenol
Concen: 37.14 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion:112 Resp: 355704
Ion Ratio Lower Upper
112 100
64 52.5 46.9 70.3
63 26.1 24.5 36.7





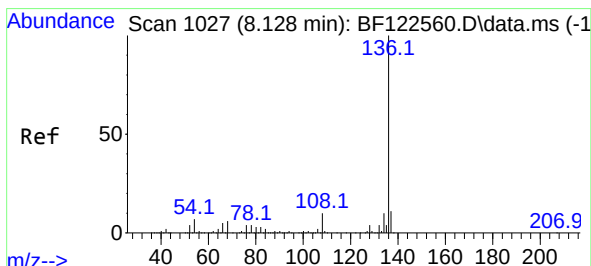
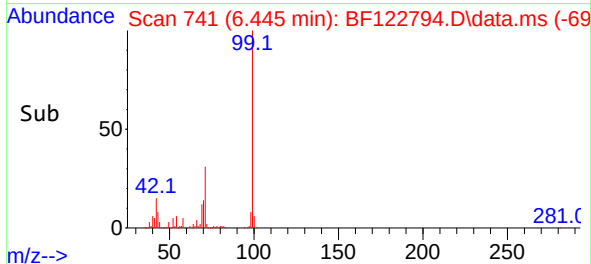
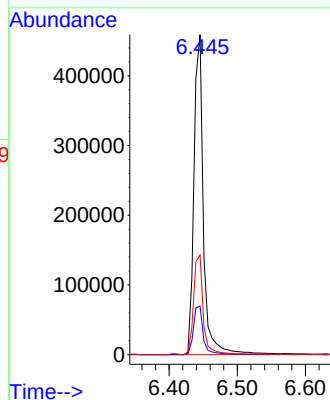
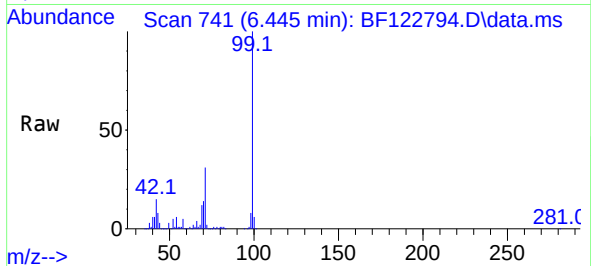
#7
Phenol-d6
Concen: 34.72 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion: 99 Resp: 441024
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 31.1 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
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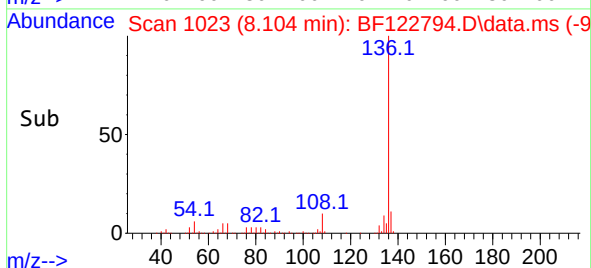
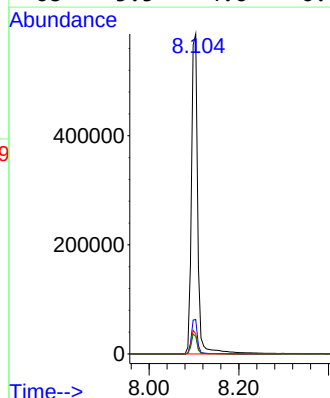
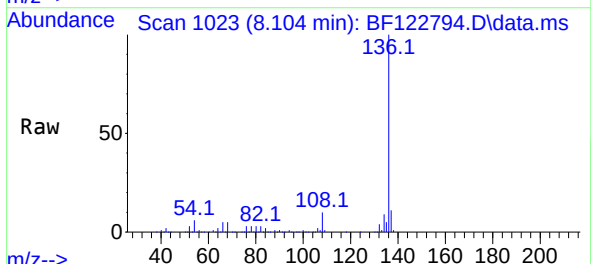
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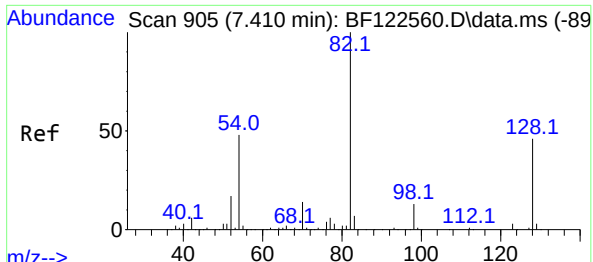
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion: 136 Resp: 574263
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.5 8.3
68 5.5 4.6 6.8





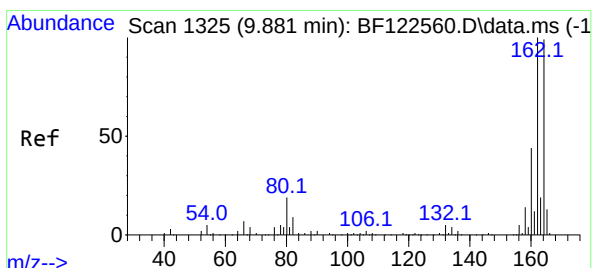
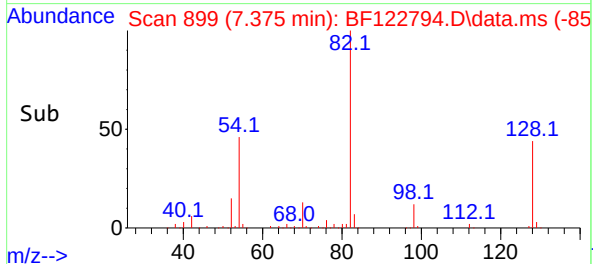
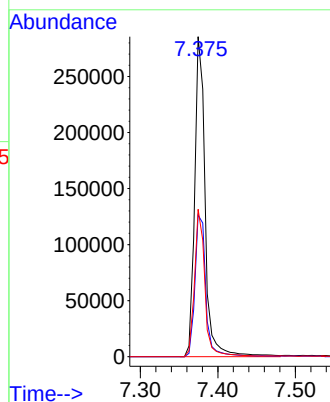
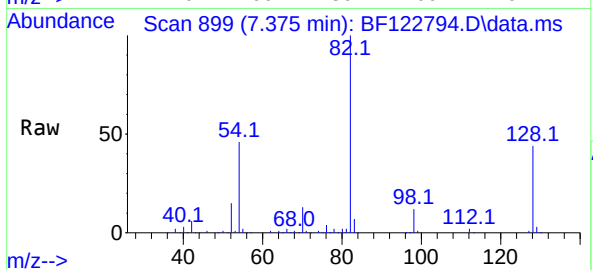
#23
Nitrobenzene-d5
Concen: 23.48 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion: 82 Resp: 269128
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.4
54 46.1 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
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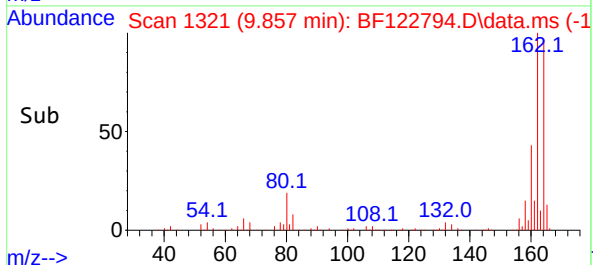
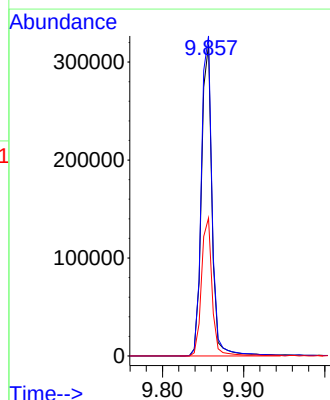
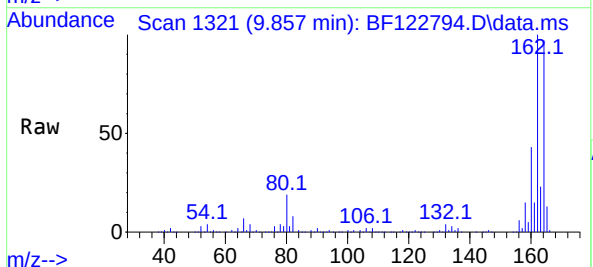
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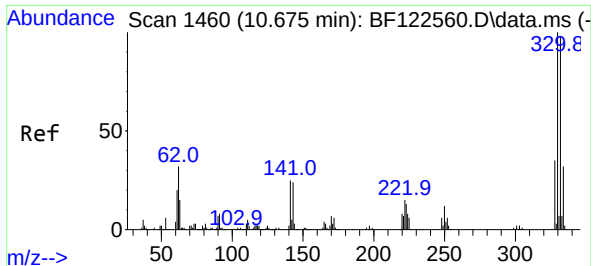
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

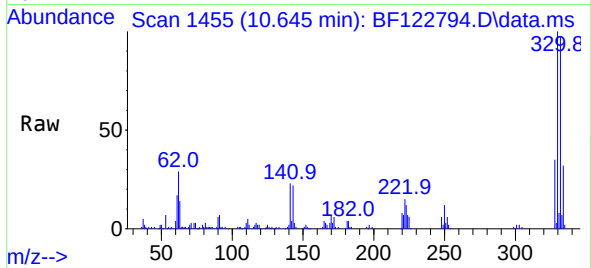
Tgt Ion:164 Resp: 289079
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 44.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 32.57 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

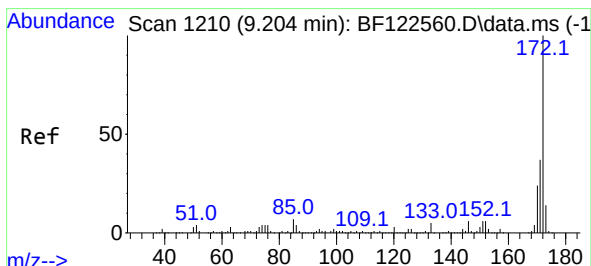
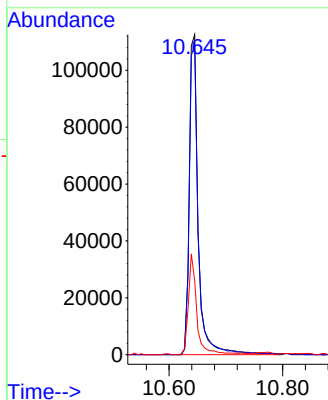
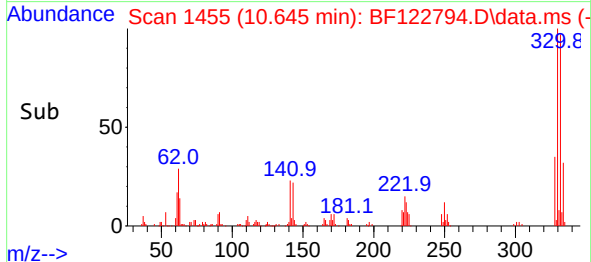
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BNA_F
ClientSampleId :
SU-02-121620



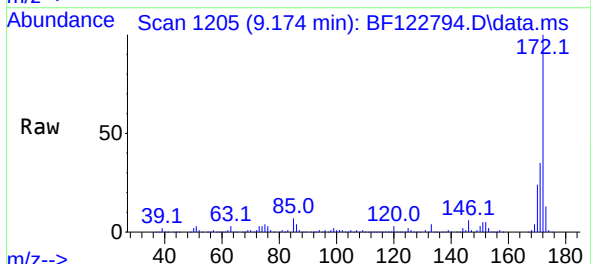
Tgt Ion:330 Resp: 123239
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 29.4 23.8 35.8

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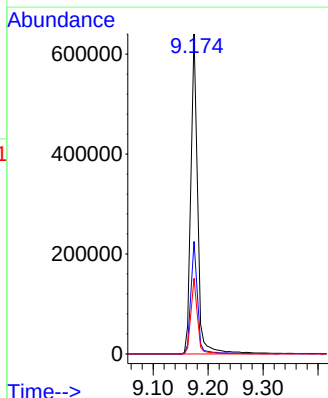
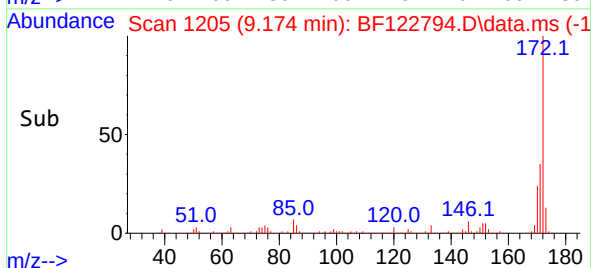
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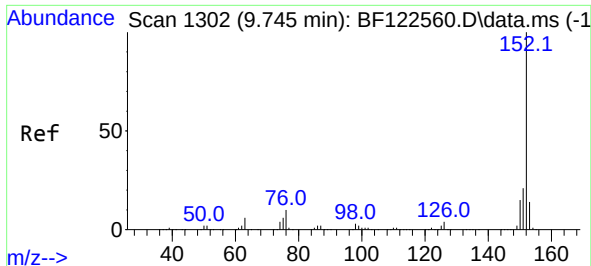


#45
2-Fluorobiphenyl
Concen: 25.94 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

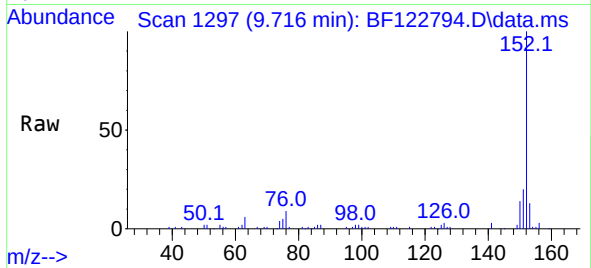


Tgt Ion:172 Resp: 554334
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.6 19.5 29.3

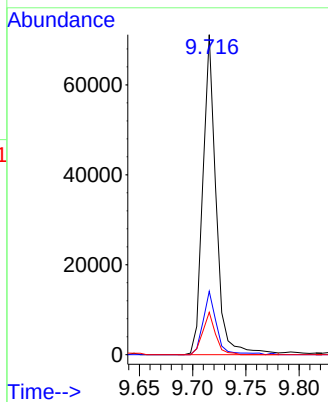
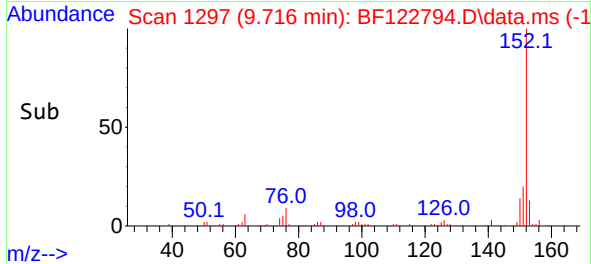




#49
Acenaphthylene
Concen: 2.11 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



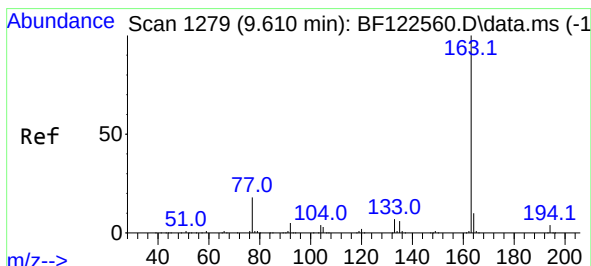
Tgt Ion:152 Resp: 62011
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 13.3 10.9 16.3



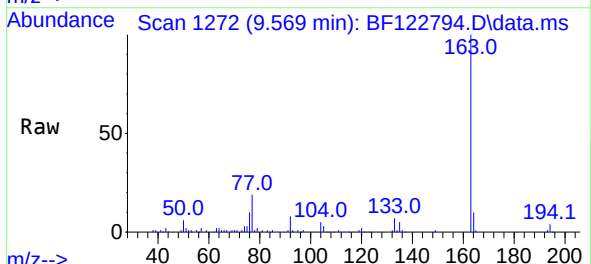
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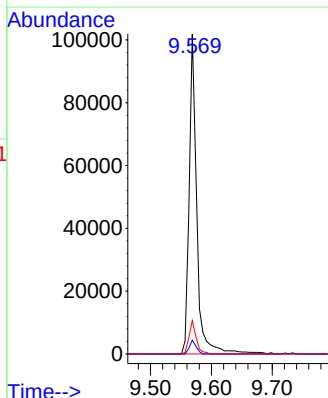
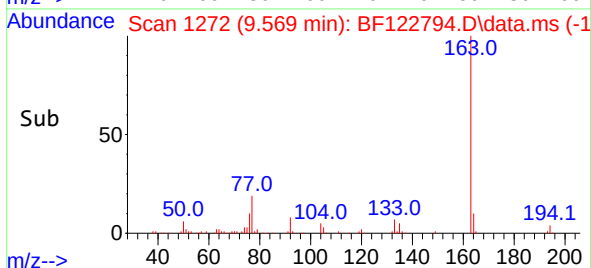
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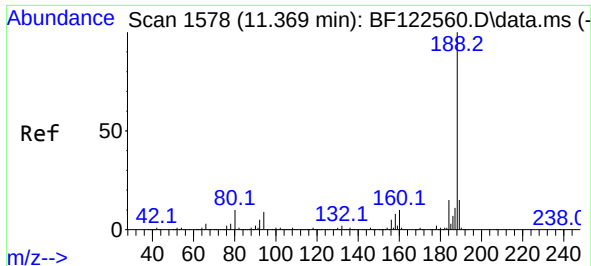


#50
Dimethylphthalate
Concen: 3.82 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



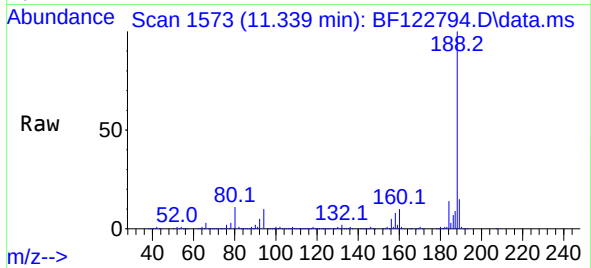
Tgt Ion:163 Resp: 88304
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

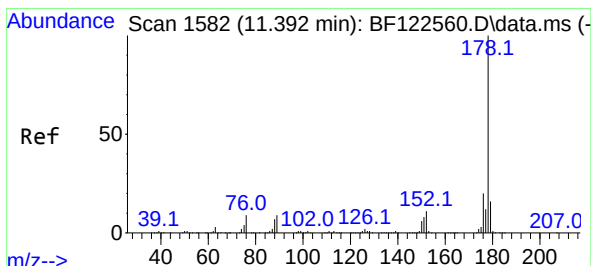
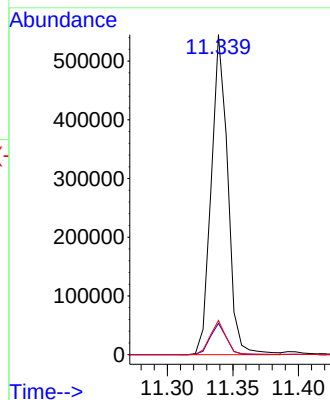
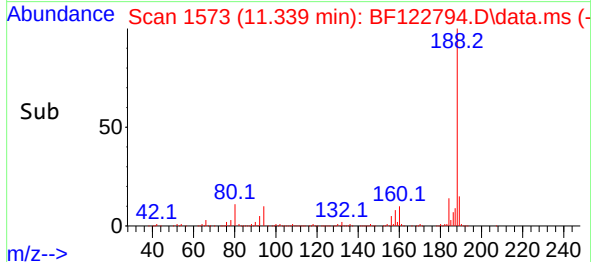
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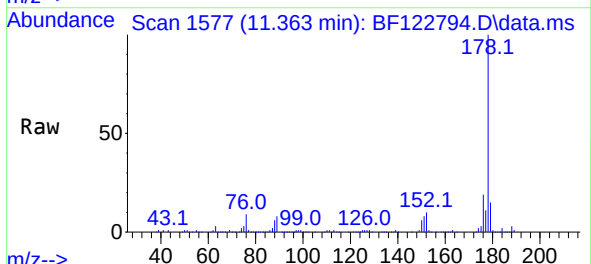
Tgt Ion:188 Resp: 478363
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4

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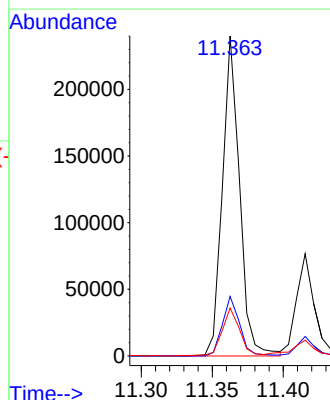
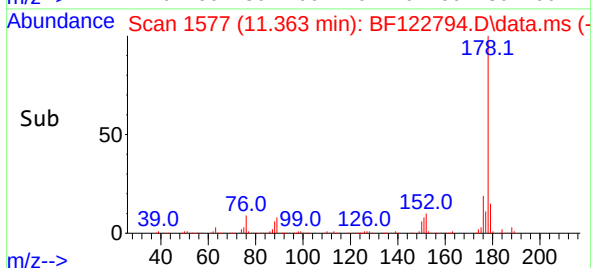
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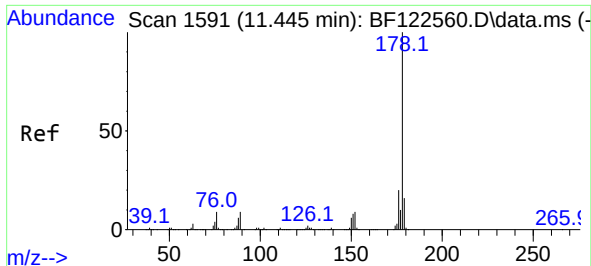


#71
Phenanthrene
Concen: 7.08 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



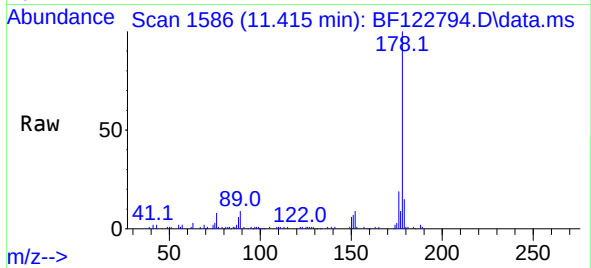
Tgt Ion:178 Resp: 201342
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.2
179 14.9 12.7 19.1





#72
 Anthracene
 Concen: 2.20 ng
 RT: 11.415 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF122794.D
 Acq: 18 Dec 2020 19:42

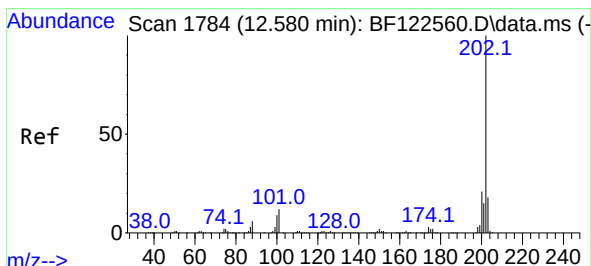
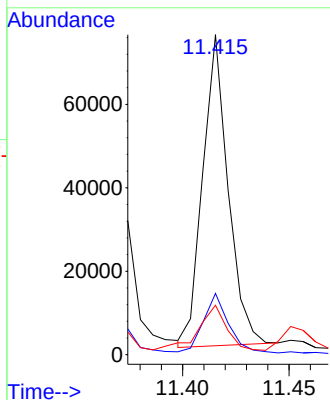
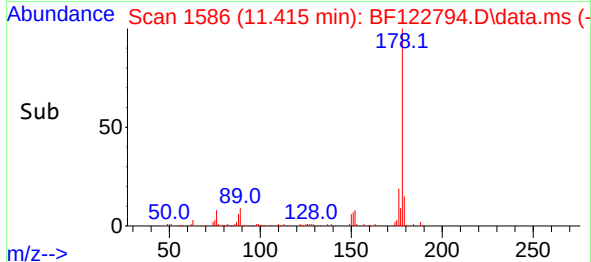
Instrument :
 BNA_F
 ClientSampled :
 SU-02-121620



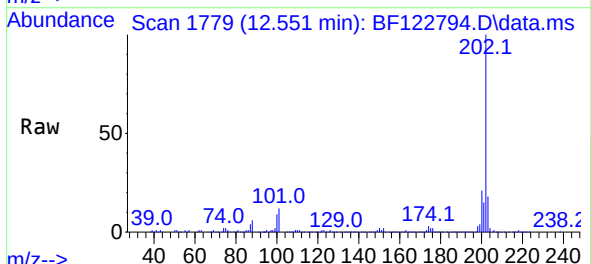
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 Ion Ratio Lower Upper
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 176 19.2 15.6 23.4
 179 15.5 12.8 19.2

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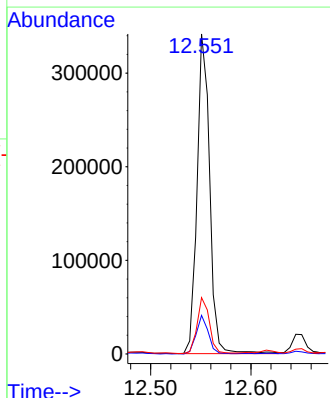
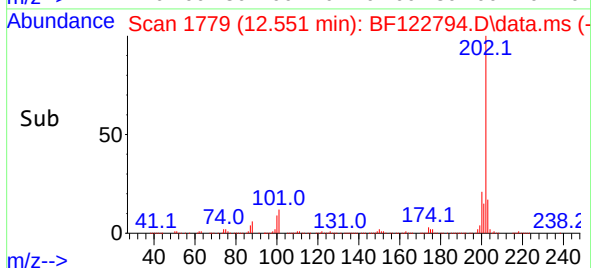
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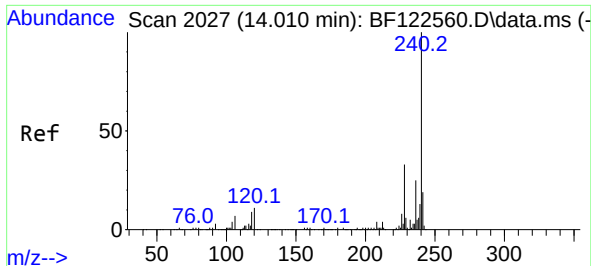


#75
 Fluoranthene
 Concen: 10.07 ng
 RT: 12.551 min Scan# 1779
 Delta R.T. -0.006 min
 Lab File: BF122794.D
 Acq: 18 Dec 2020 19:42

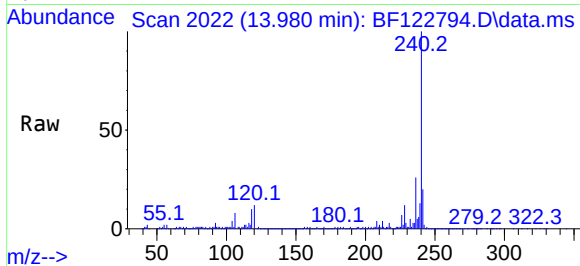


Tgt Ion:202 Resp: 300208
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.2
 203 17.6 0.0 38.1

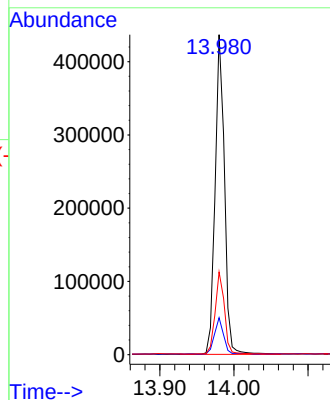
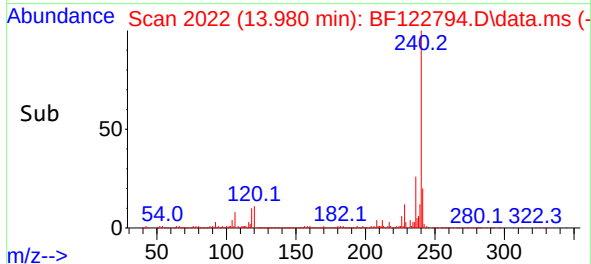




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



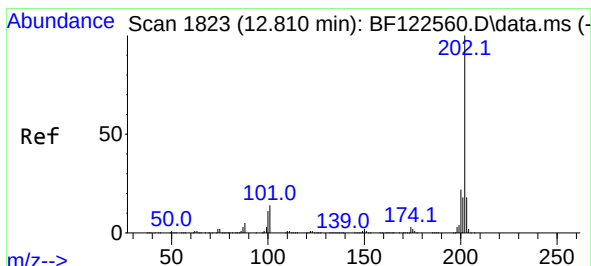
Tgt Ion:240 Resp: 381011
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.8 20.3 30.5



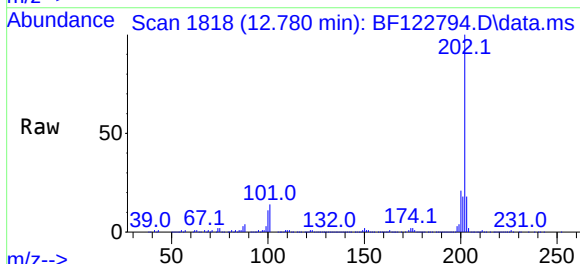
Instrument :
BNA_F
ClientSampleId :
SU-02-121620

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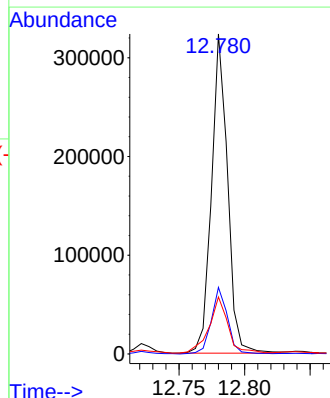
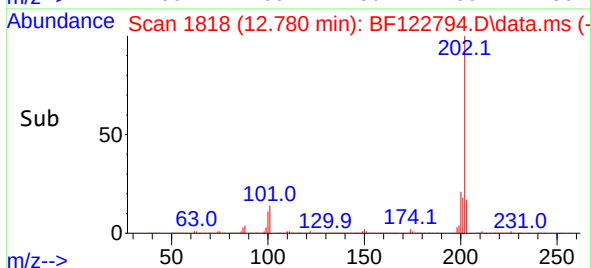
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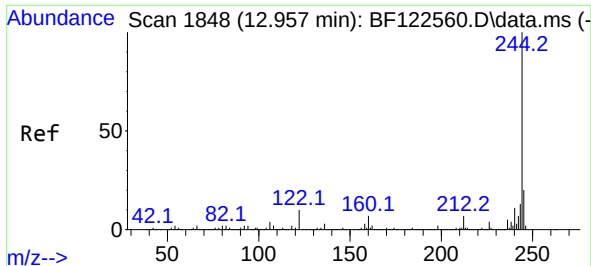


#78
Pyrene
Concen: 9.36 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

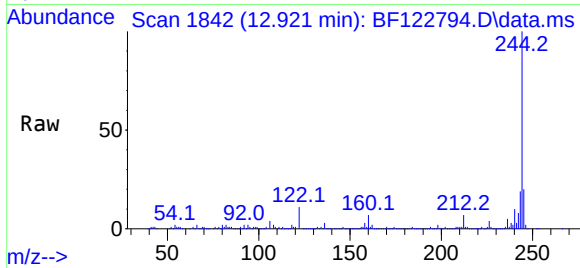


Tgt Ion:202 Resp: 275656
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.8 14.6 21.8

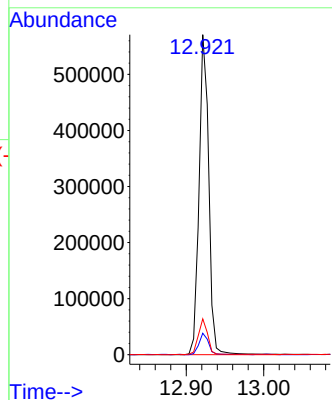
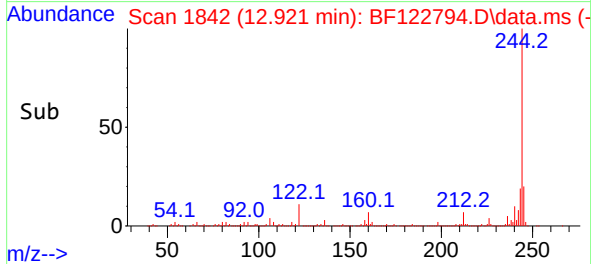




#79
Terphenyl-d14
Concen: 22.70 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



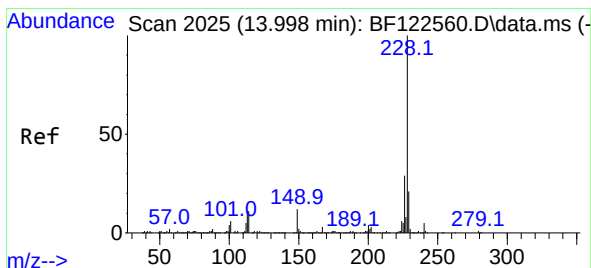
Tgt Ion:244 Resp: 494137
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.2 8.3 12.5



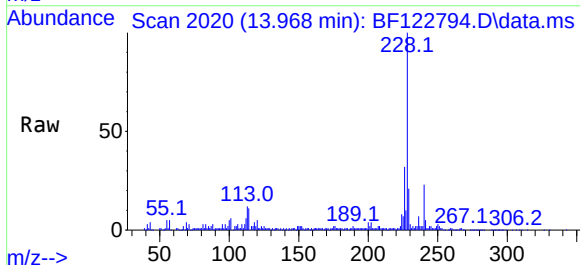
Instrument :
BNA_F
ClientSampleId :
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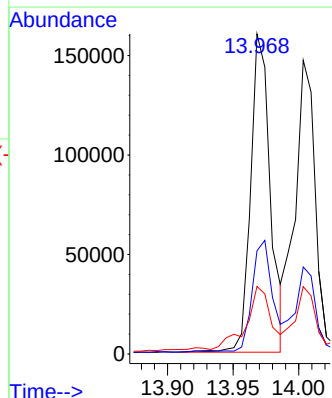
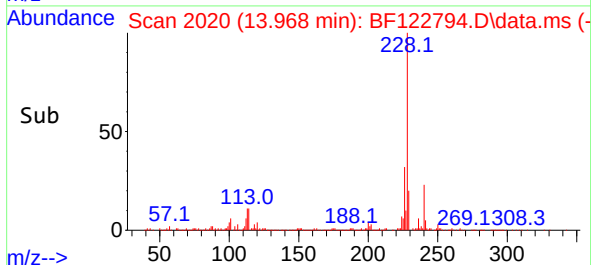
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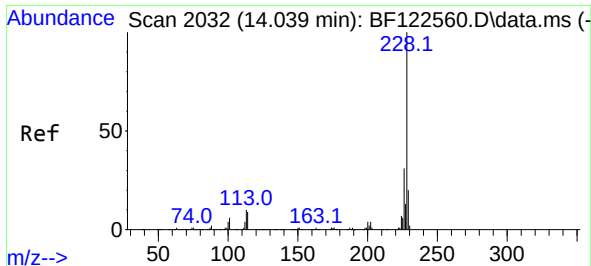


#81
Benzo(a)anthracene
Concen: 6.56 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

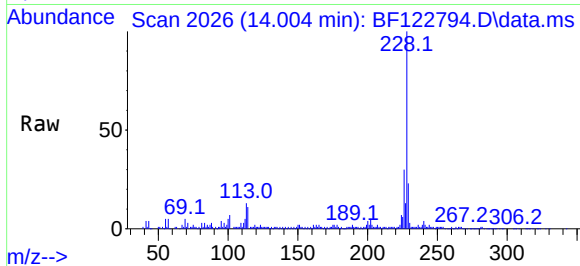


Tgt Ion:228 Resp: 166969
Ion Ratio Lower Upper
228 100
226 32.2 23.0 34.4
229 21.1 16.6 24.8

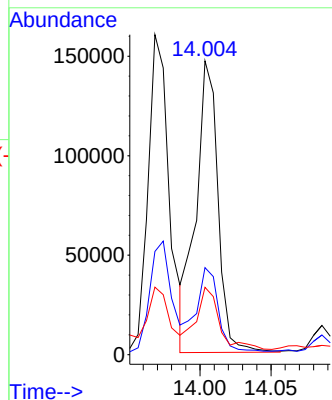




#83
Chrysene
Concen: 6.28 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



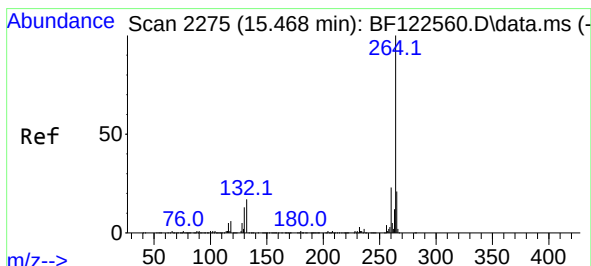
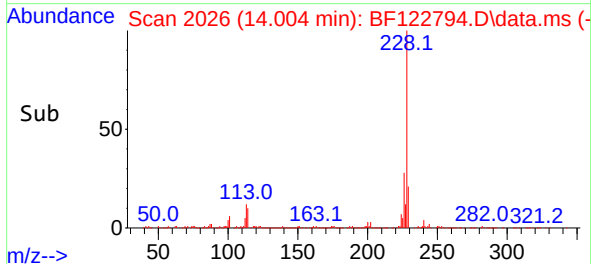
Tgt Ion:228 Resp: 159045
Ion Ratio Lower Upper
228 100
226 29.6 24.6 36.8
229 22.9 15.8 23.6



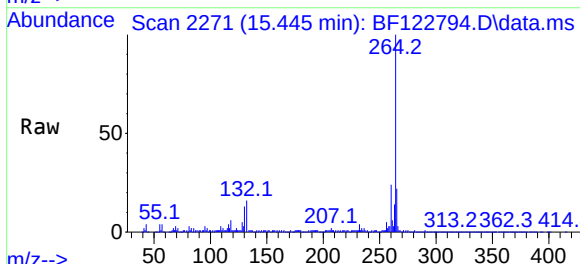
Instrument :
BNA_F
ClientSampleId :
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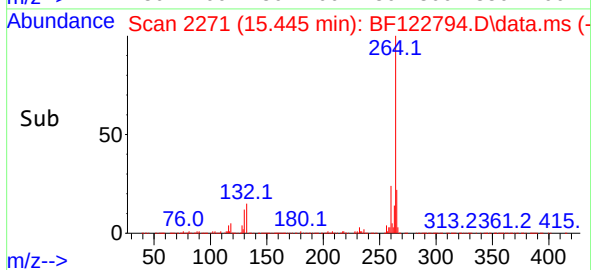
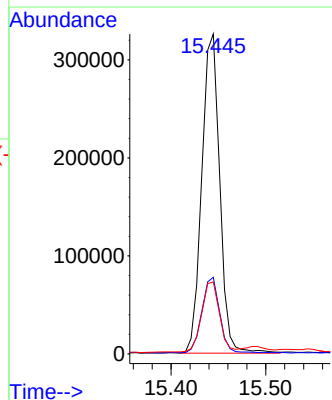
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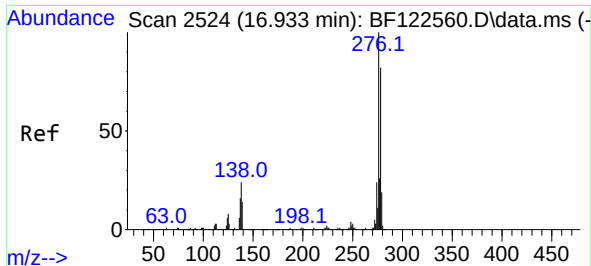


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42



Tgt Ion:264 Resp: 429262
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.0 25.6





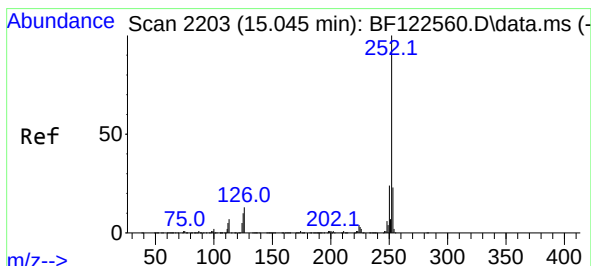
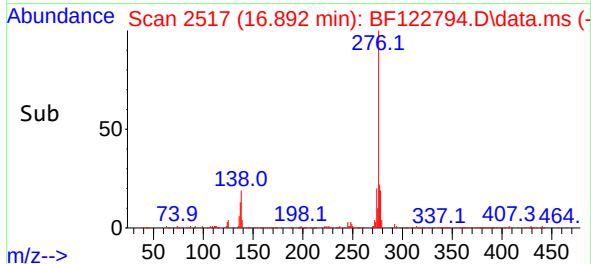
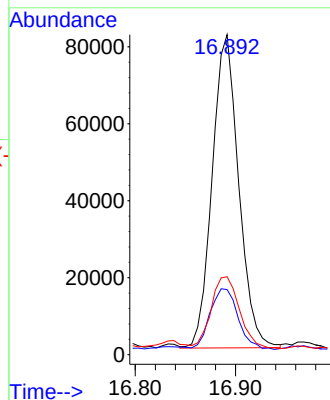
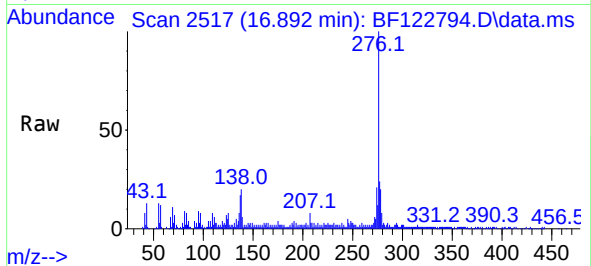
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.30 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion:	276	Resp:	149297
Ion Ratio	Lower	Upper	
276	100		
138	20.5	18.7	28.1
277	24.5	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
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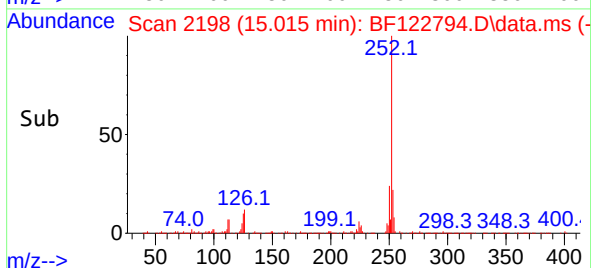
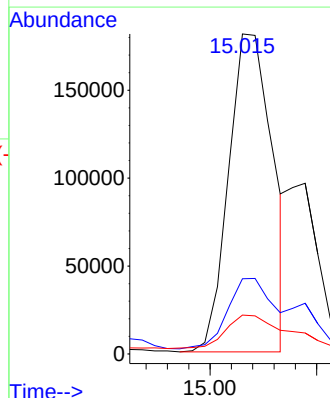
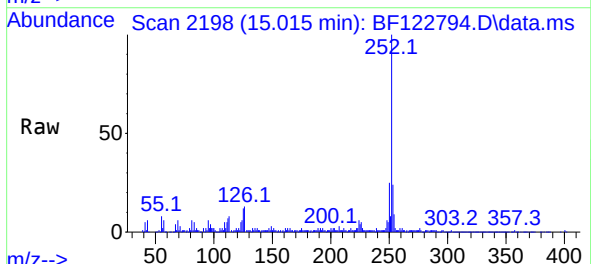
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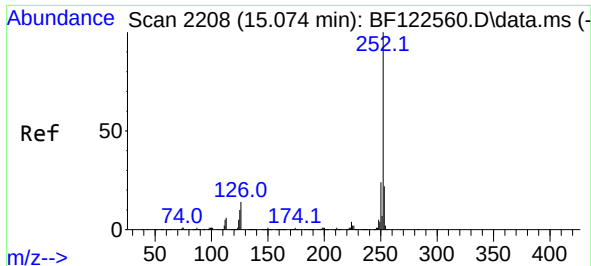
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#88
Benzo(b)fluoranthene
Concen: 8.63 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion:	252	Resp:	259909
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.3	27.5
125	12.1	8.1	12.1#





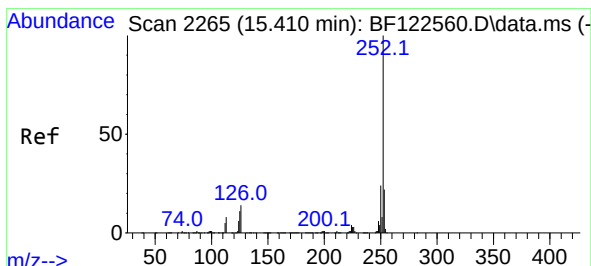
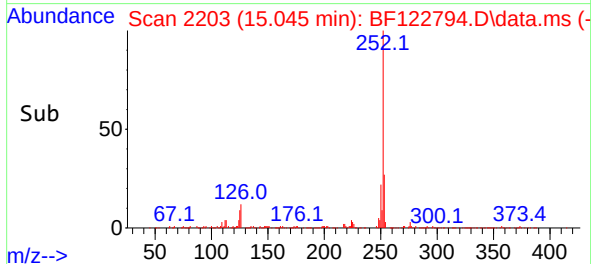
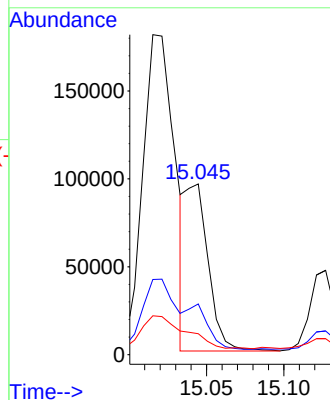
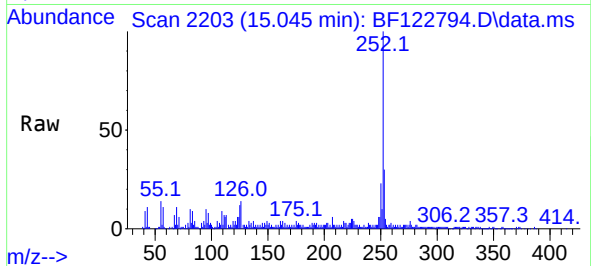
#89
Benzo(k)fluoranthene
Concen: 3.49 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Tgt Ion:252 Resp: 96142
Ion Ratio Lower Upper
252 100
253 29.7 17.8 26.8#
125 12.3 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
SU-02-121620

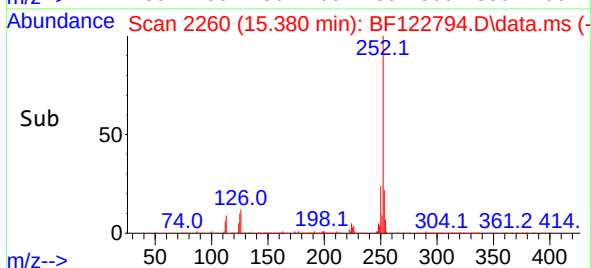
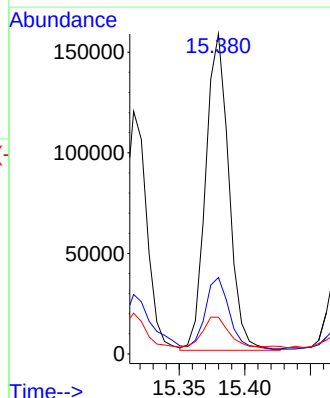
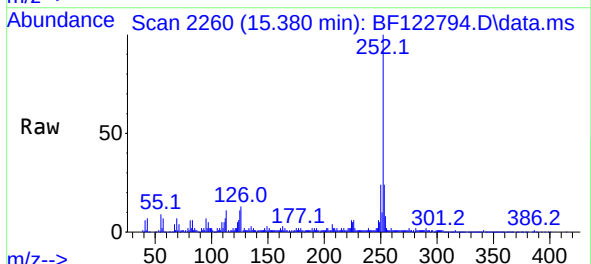
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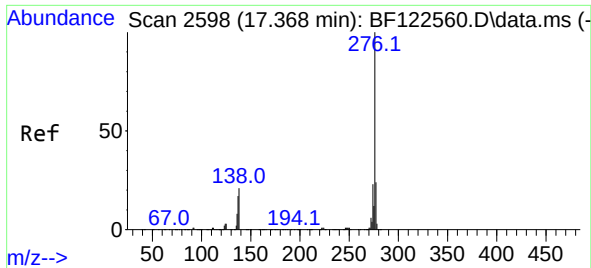
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#90
Benzo(a)pyrene
Concen: 7.36 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

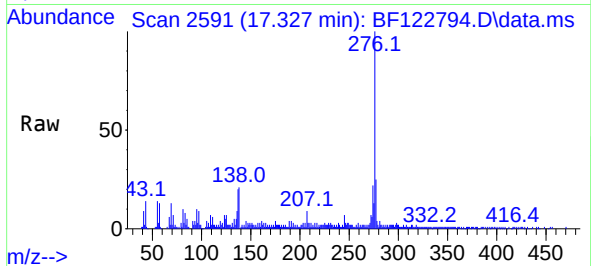
Tgt Ion:252 Resp: 193842
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 11.5 8.6 12.8





#92
Benzo(g,h,i)perylene
Concen: 6.41 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BF122794.D
Acq: 18 Dec 2020 19:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:276 Resp: 143137
Ion Ratio Lower Upper
276 100
277 24.9 19.3 28.9
138 20.8 16.6 24.8

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