

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122093.D
 Acq On : 22 Oct 2020 20:05
 Operator : JU/CG
 Sample : L4225-10 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-102120

Manual Integrations
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Quant Time: Oct 23 00:48:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	106983	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	407935	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	188537	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	297319	20.00	ng	0.00
76) Chrysene-d12	13.892	240	255929	20.00	ng	0.00
86) Perylene-d12	15.327	264	232252	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	308986	42.63	ng	0.00
7) Phenol-d6	6.381	99	378744	40.59	ng	0.00
23) Nitrobenzene-d5	7.298	82	255256	32.09	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	78624	33.71	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	447808	34.95	ng	0.00
79) Terphenyl-d14	12.827	244	354372	26.39	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.480	163	69045	5.01	ng	99
52) Acenaphthene	9.792	154	28797	2.64	ng	98
71) Phenanthrene	11.269	178	180540	11.07	ng	99
72) Anthracene	11.327	178	50860	3.01	ng	98
75) Fluoranthene	12.463	202	298184	17.06	ng	96
78) Pyrene	12.692	202	246772	12.65	ng	99
81) Benzo(a)anthracene	13.880	228	118692	7.08	ng	99
83) Chrysene	13.915	228	103065	6.26	ng	97
87) Indeno(1,2,3-cd)pyrene	16.745	276	56209	3.73	ng	95
88) Benzo(b)fluoranthene	14.915	252	139989m	8.92	ng	
89) Benzo(k)fluoranthene	14.939	252	40901m	2.74	ng	
90) Benzo(a)pyrene	15.268	252	97506	7.19	ng	# 95
92) Benzo(g,h,i)perylene	17.168	276	57204	4.60	ng	97

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

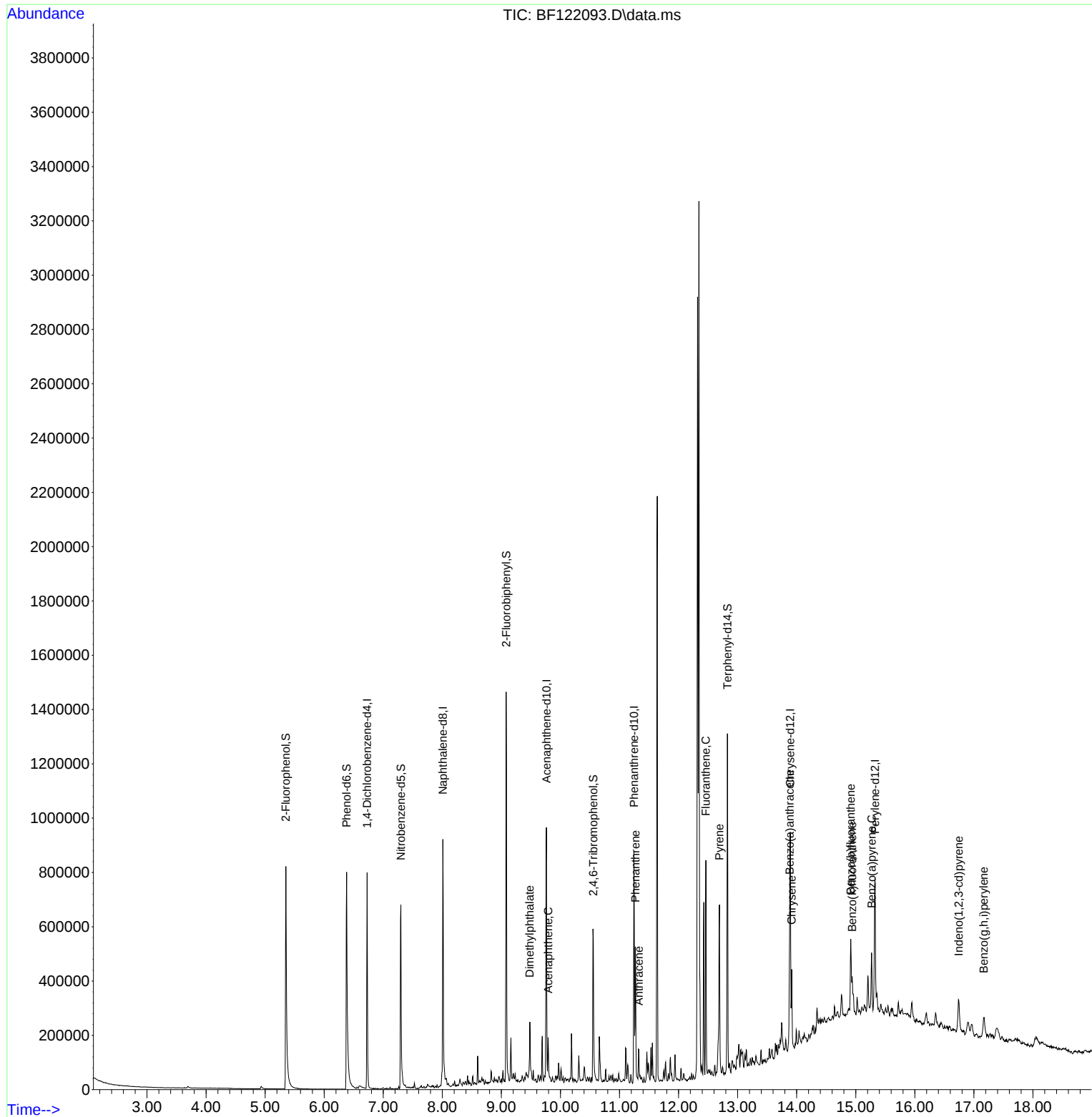
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Data File : BF122093.D
Acq On : 22 Oct 2020 20:05
Operator : JU/CG
Sample : L4225-10 2X
Misc :
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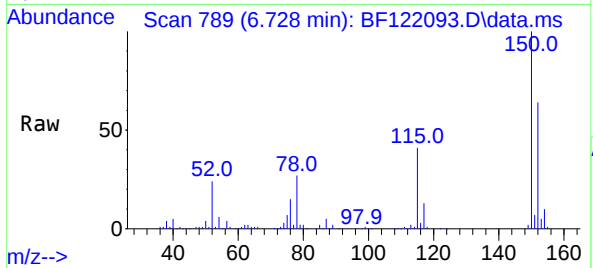
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Quant Time: Oct 23 00:48:15 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

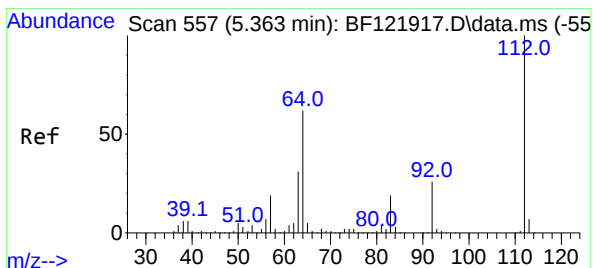
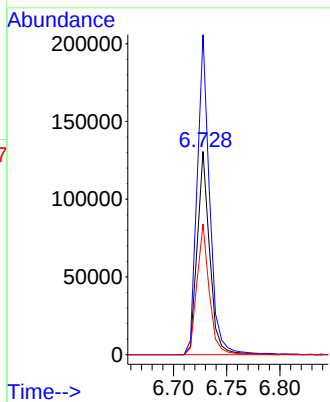
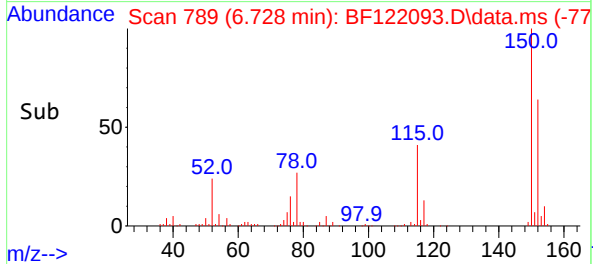




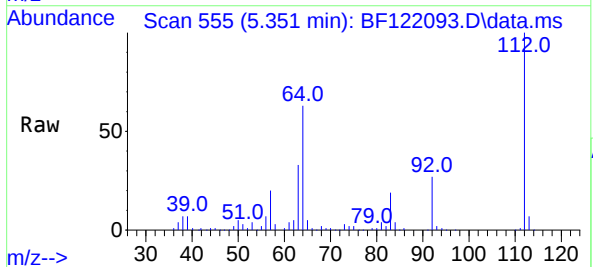
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



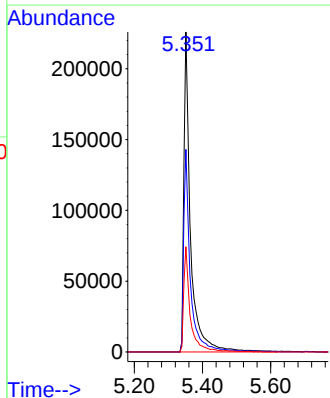
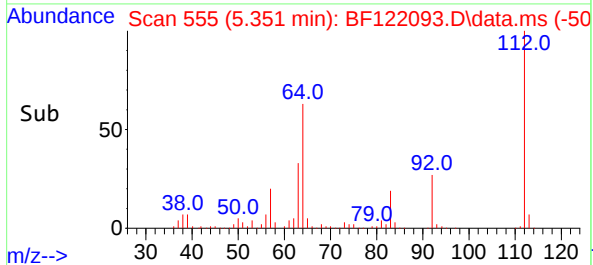
Tgt Ion:152 Resp: 106983
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 42.63 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



Tgt Ion:112 Resp: 308986
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 32.9 25.8 38.6



Instrument :
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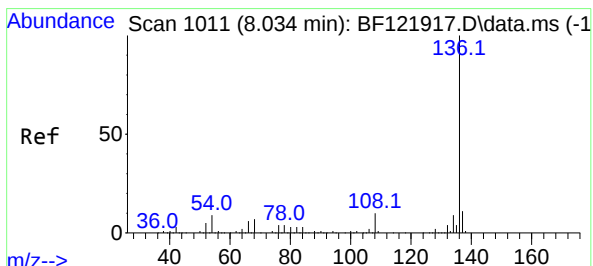
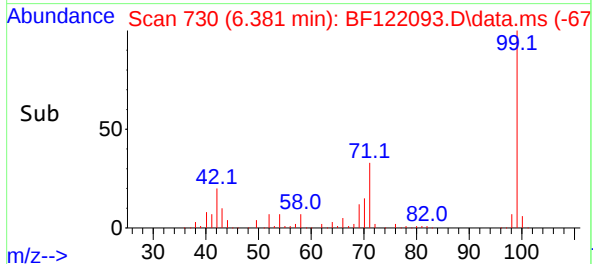
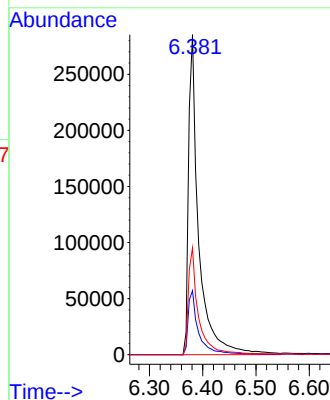
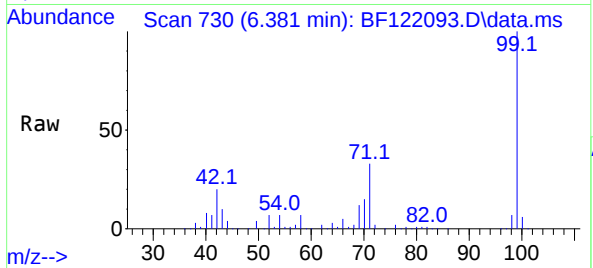
#7
Phenol-d6
Concen: 40.59 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 99 Resp: 378744
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 33.4 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
SU-02-102120

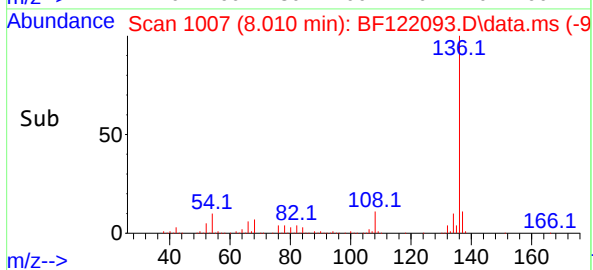
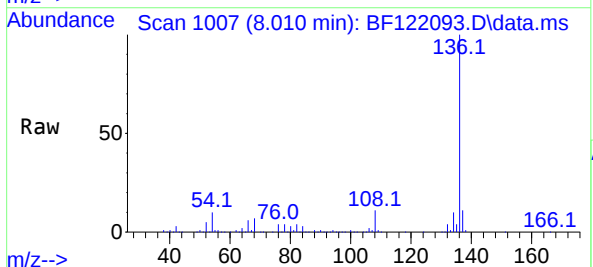
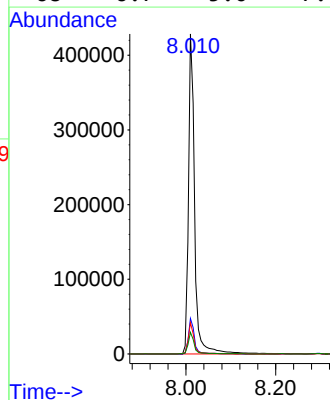
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 136 Resp: 407935
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 7.1 10.7
68 6.7 5.0 7.4





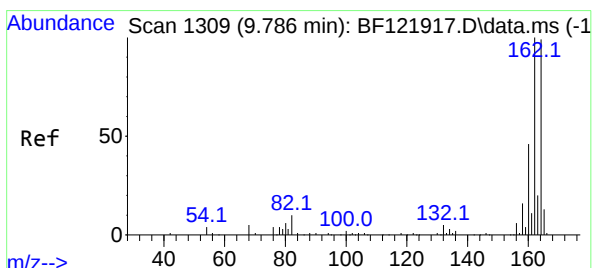
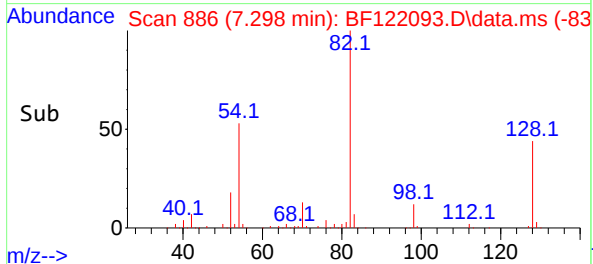
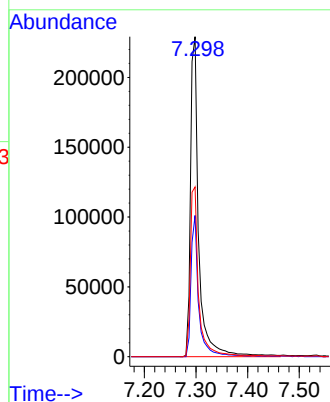
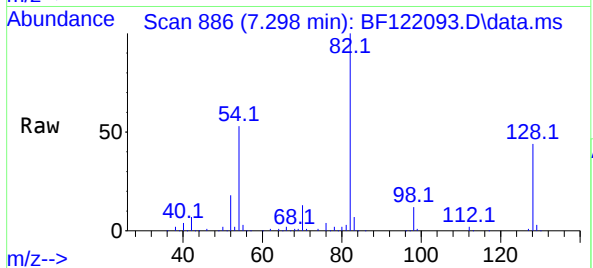
#23
Nitrobenzene-d5
Concen: 32.09 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion: 82 Resp: 255256
Ion Ratio Lower Upper
82 100
128 44.2 35.0 52.4
54 53.1 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
SU-02-102120

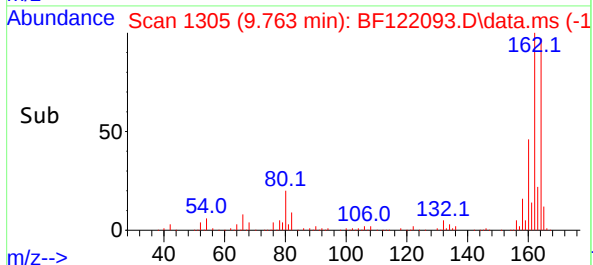
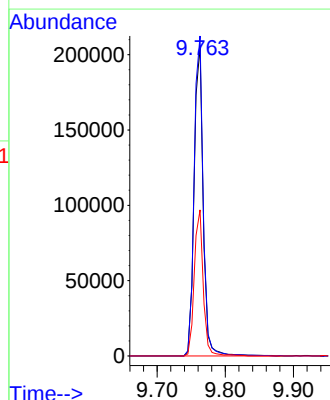
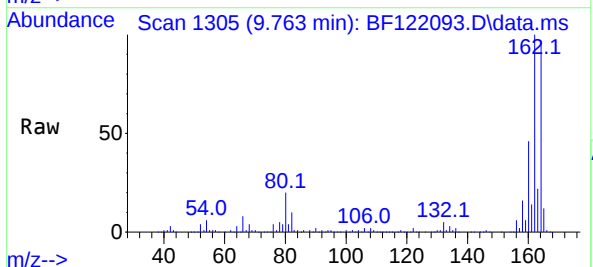
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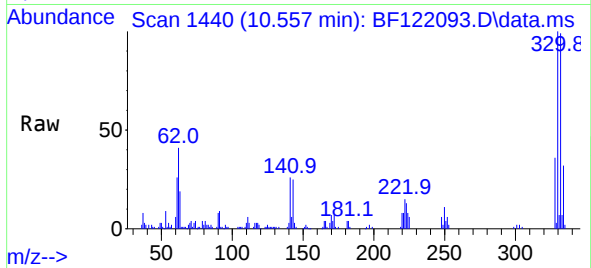
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:164 Resp: 188537
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 47.1 37.5 56.3

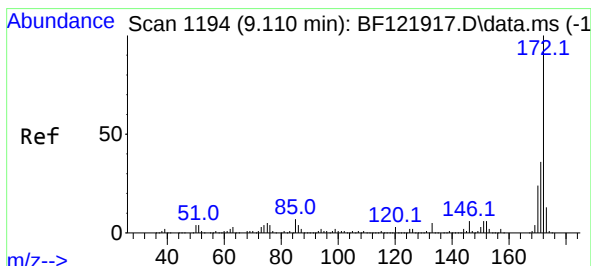
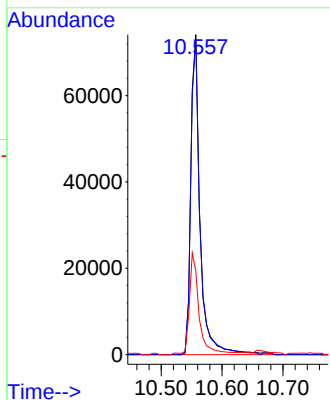
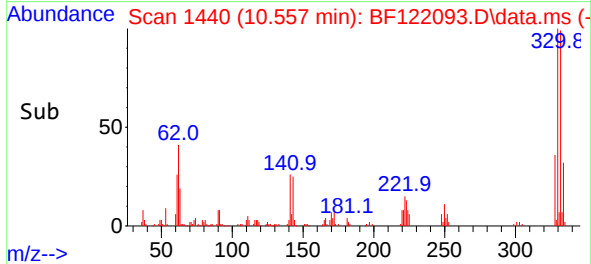




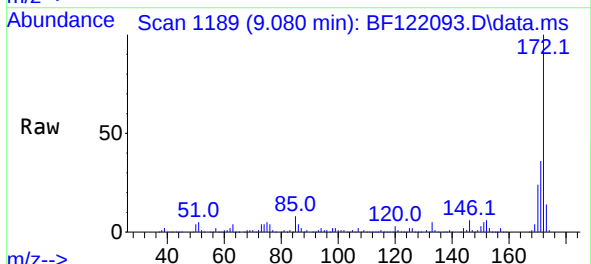
#42
2,4,6-Tribromophenol
Concen: 33.71 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



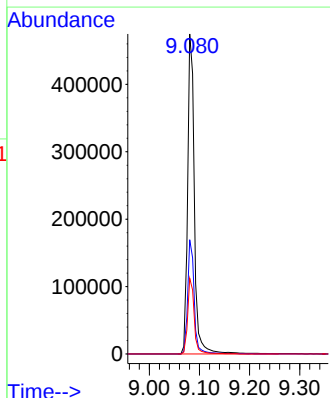
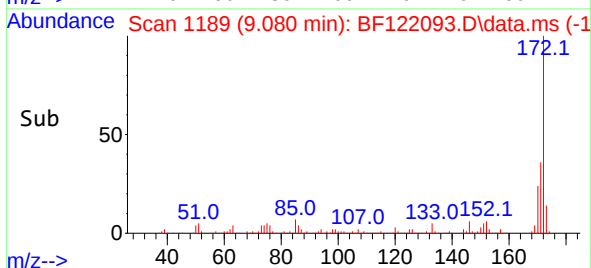
Tgt Ion: 330 Resp: 78624
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 33.9 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 34.95 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



Tgt Ion: 172 Resp: 447808
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.6 19.8 29.6



Instrument :
BNA_F
ClientSampleId :
SU-02-102120

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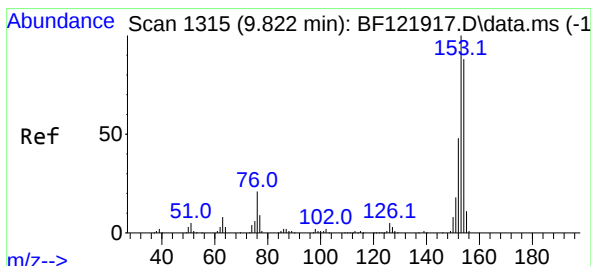
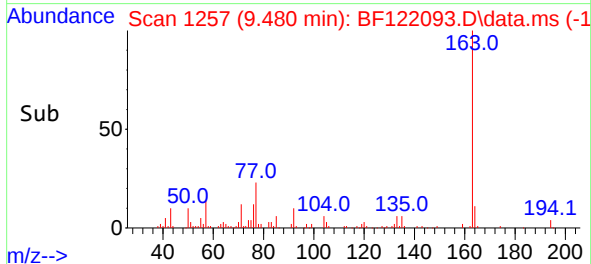
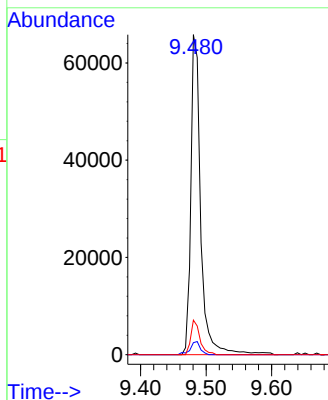
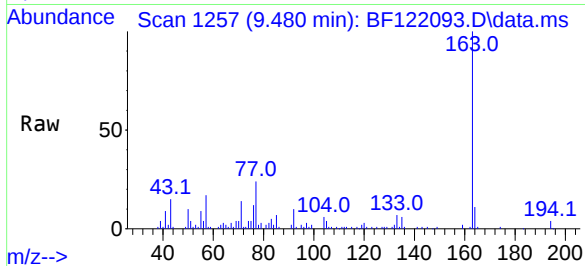
#50
Dimethylphthalate
Concen: 5.01 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:163	Resp:	69045
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.3 4.9
164	10.8	8.2 12.4

Instrument :
BNA_F
ClientSampleId :
SU-02-102120

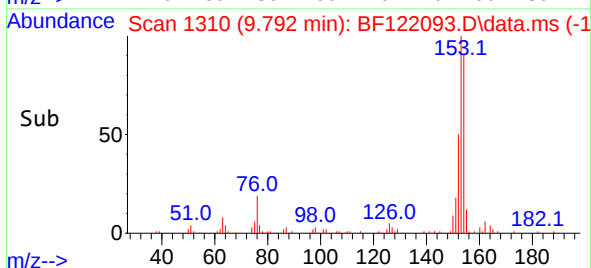
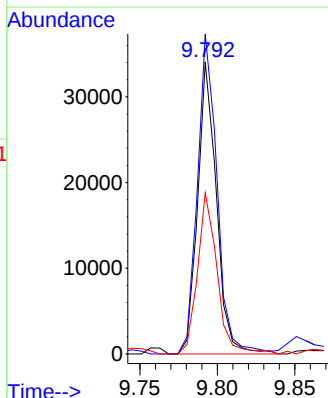
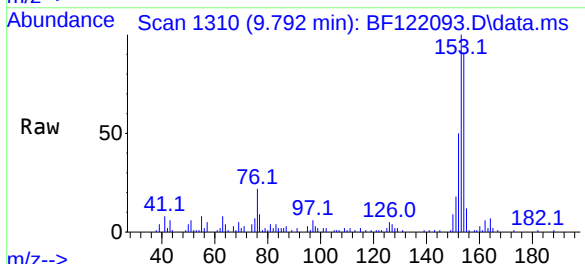
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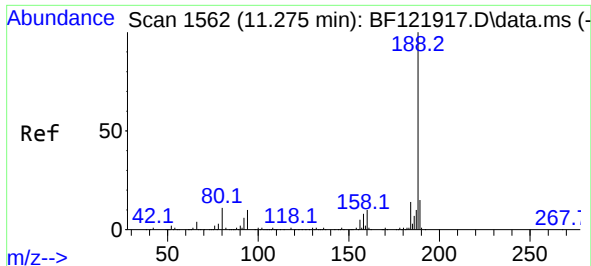
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#52
Acenaphthene
Concen: 2.64 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

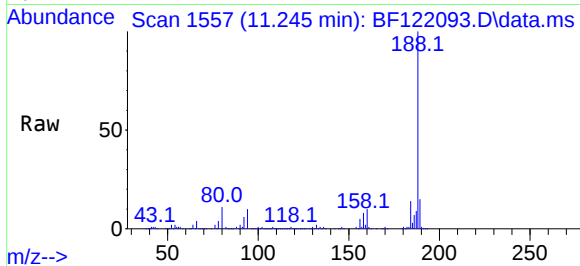
Tgt Ion:154	Resp:	28797
Ion Ratio	Lower	Upper
154	100	
153	109.5	89.8 134.8
152	55.2	43.2 64.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

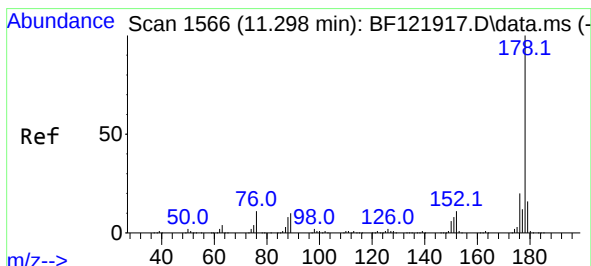
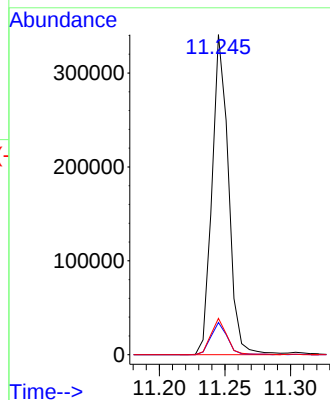
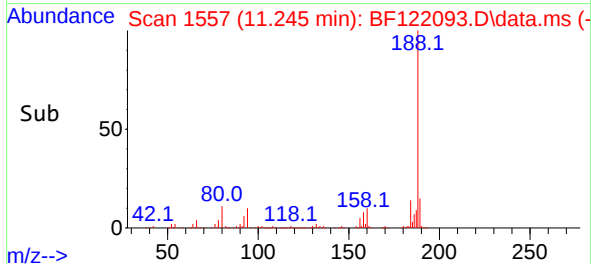
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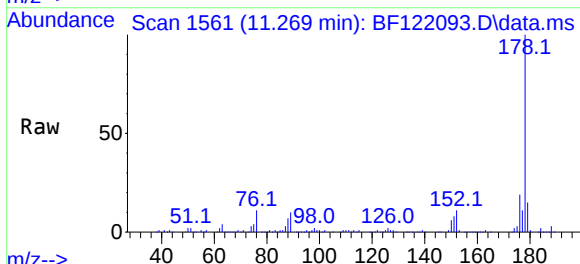
Tgt Ion:188 Resp: 297319
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.4 9.1 13.7

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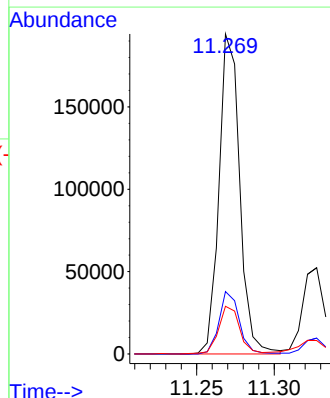
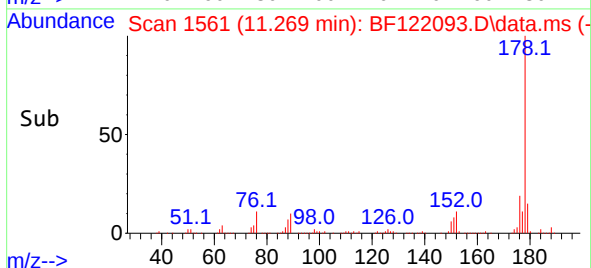
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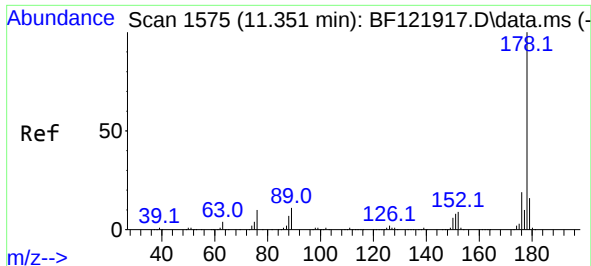


#71
Phenanthrene
Concen: 11.07 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



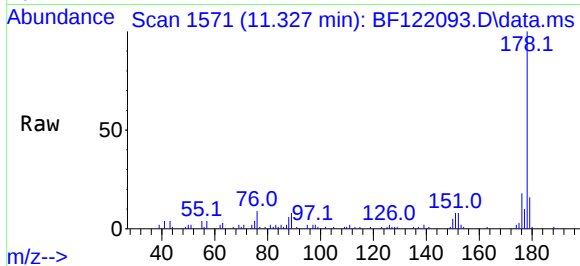
Tgt Ion:178 Resp: 180540
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.9 12.2 18.4





#72
 Anthracene
 Concen: 3.01 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. -0.000 min
 Lab File: BF122093.D
 Acq: 22 Oct 2020 20:05

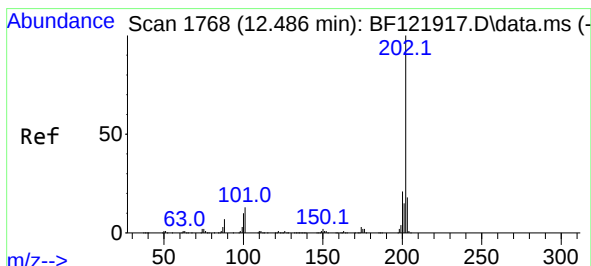
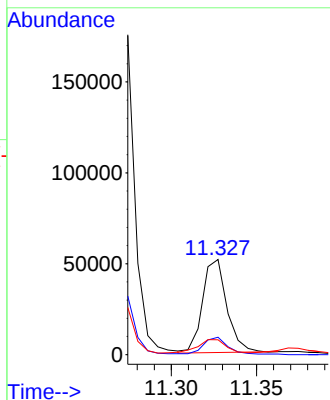
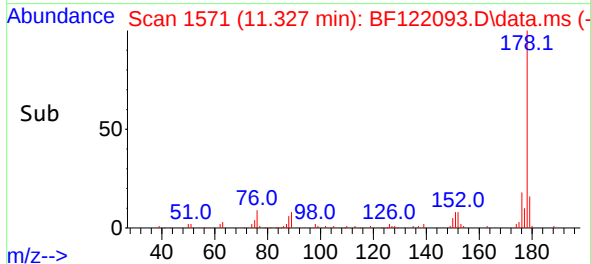
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 BNA_F
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 SU-02-102120



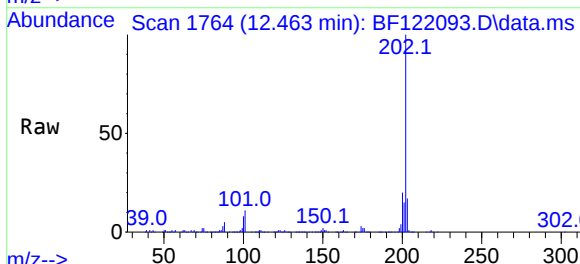
Tgt Ion:178 Resp: 50860
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.7 23.5
 179 15.6 12.7 19.1

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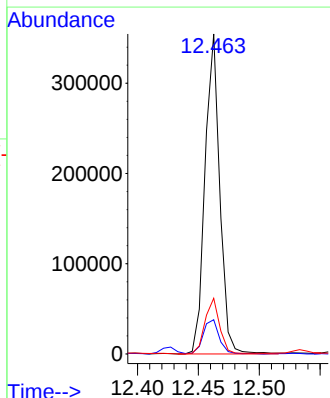
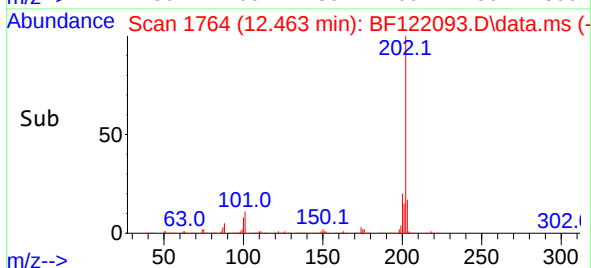
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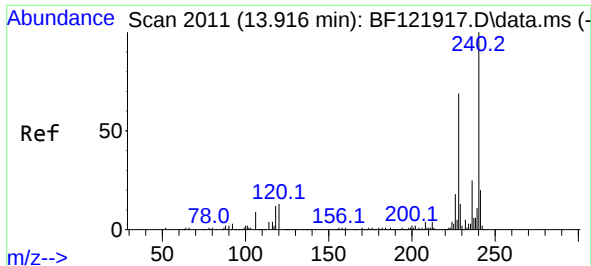


#75
 Fluoranthene
 Concen: 17.06 ng
 RT: 12.463 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF122093.D
 Acq: 22 Oct 2020 20:05

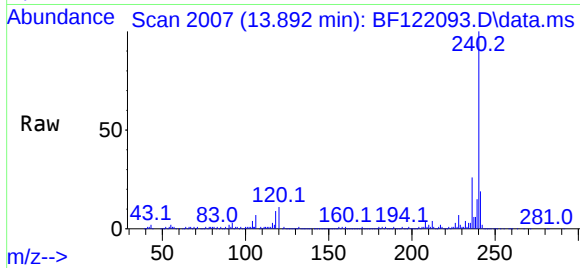


Tgt Ion:202 Resp: 298184
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 33.4
 203 17.4 0.0 37.9

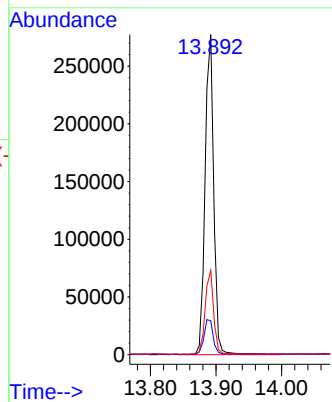
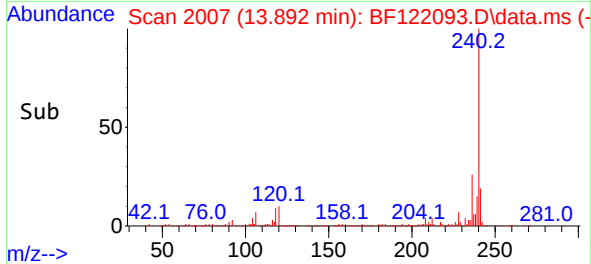




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



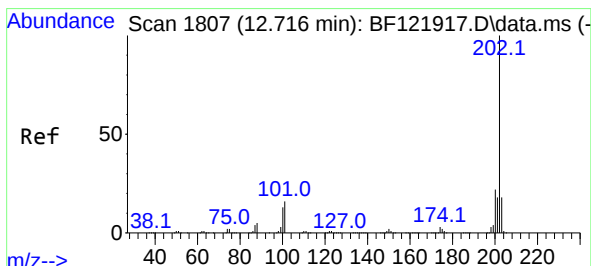
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Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.3 20.9 31.3



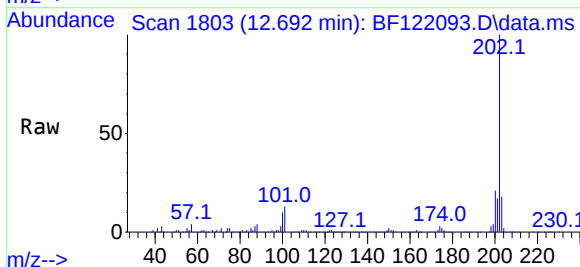
Instrument :
BNA_F
ClientSampleId :
SU-02-102120

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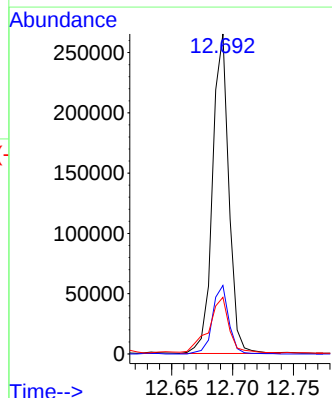
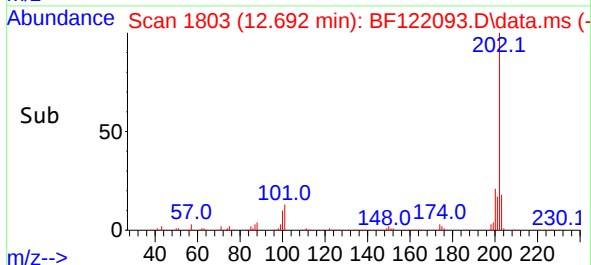
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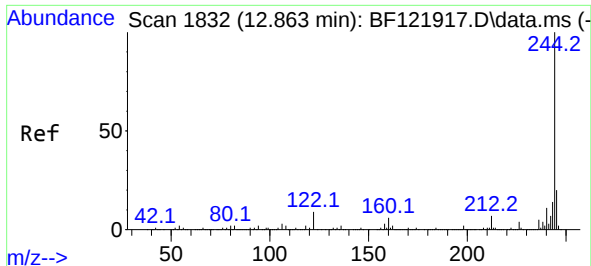


#78
Pyrene
Concen: 12.65 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



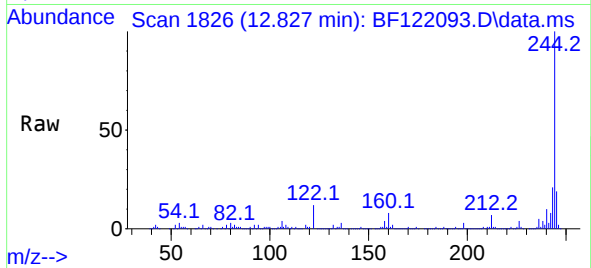
Tgt Ion:202 Resp: 246772
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 26.39 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

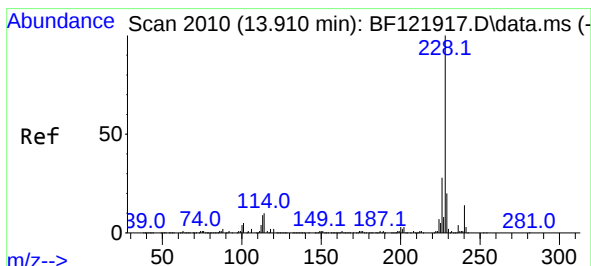
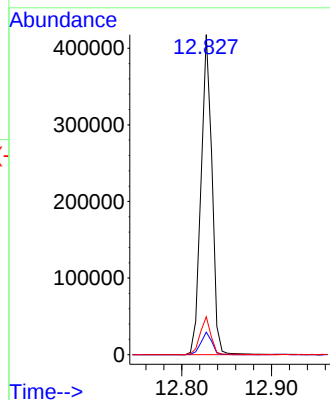
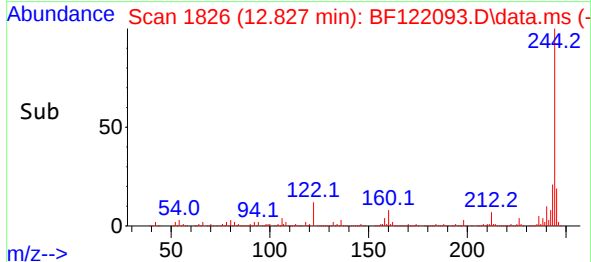
Instrument :
BNA_F
ClientSampleId :
SU-02-102120



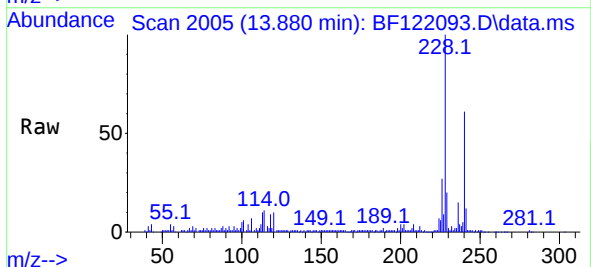
Tgt Ion:244 Resp: 354372
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 8.1 12.1

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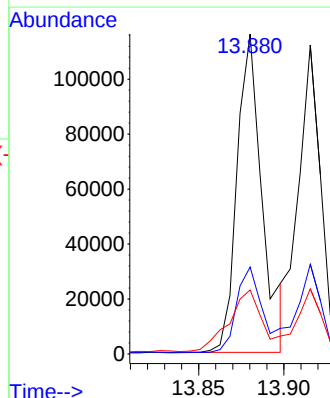
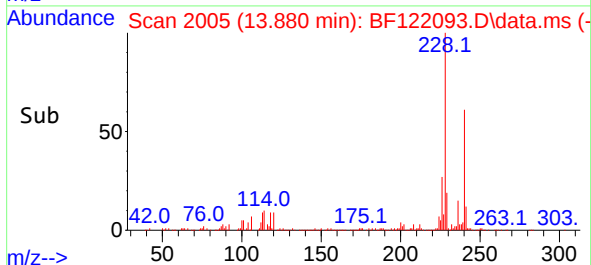
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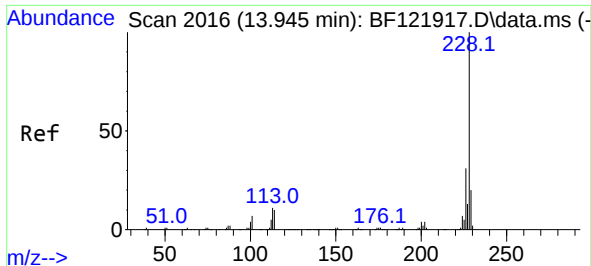


#81
Benzo(a)anthracene
Concen: 7.08 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

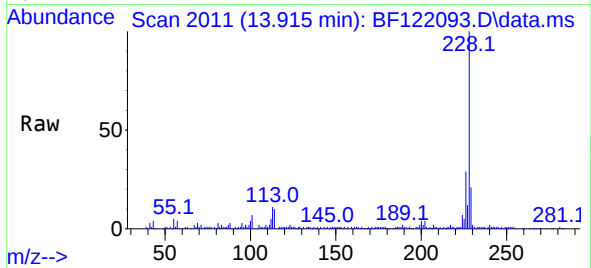


Tgt Ion:228 Resp: 118692
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.0 16.2 24.4

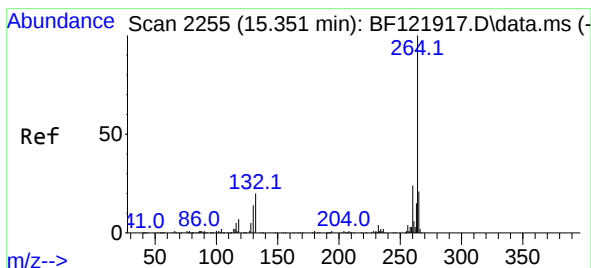
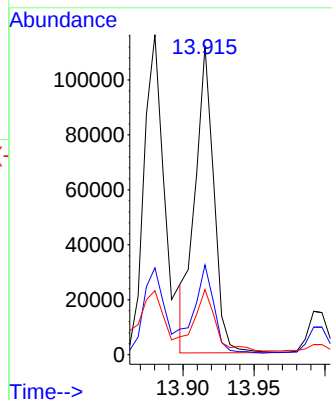
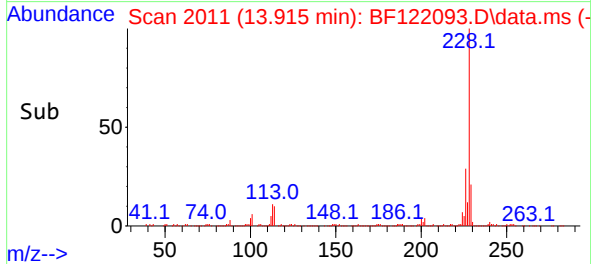




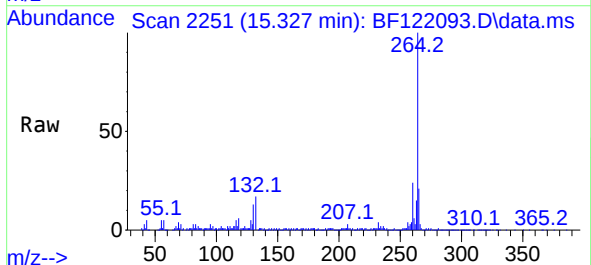
#83
Chrysene
Concen: 6.26 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



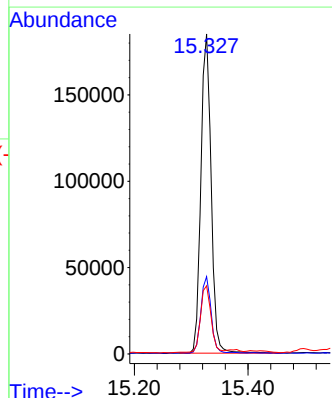
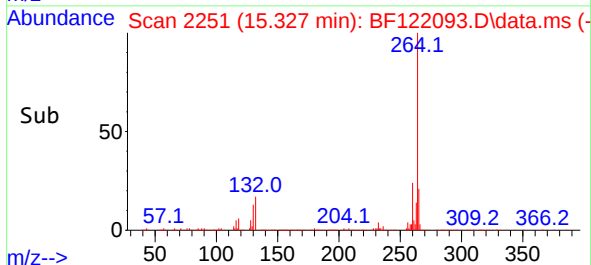
Tgt Ion:228 Resp: 103065
Ion Ratio Lower Upper
228 100
226 29.1 24.6 37.0
229 21.1 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05



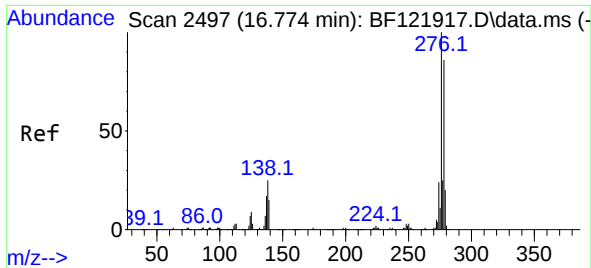
Tgt Ion:264 Resp: 232252
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.3 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
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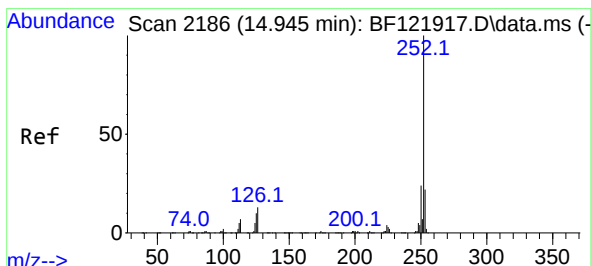
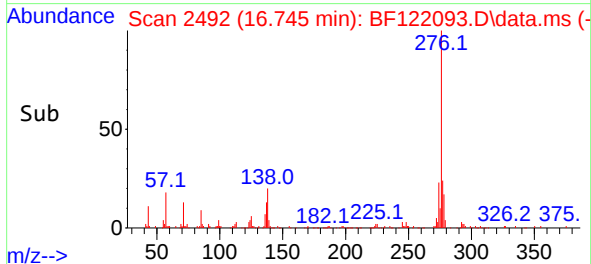
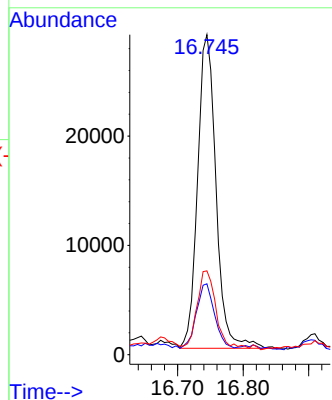
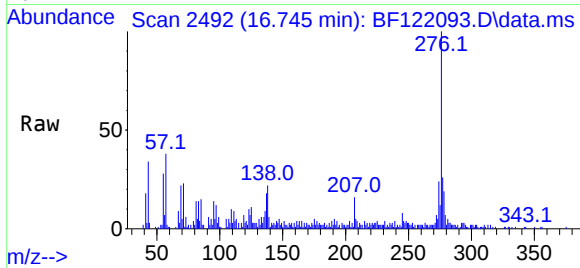
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.018 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:	276	Resp:	56209
Ion Ratio	Lower	Upper	
276	100		
138	20.3	19.9	29.9
277	24.9	20.4	30.6

Instrument :
BNA_F
ClientSampleId :
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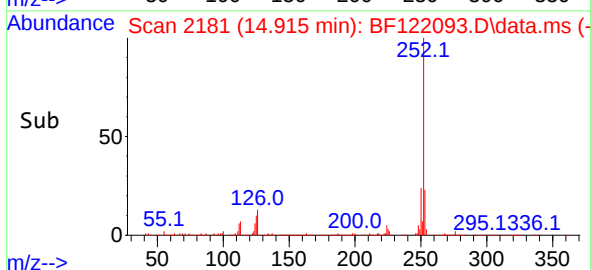
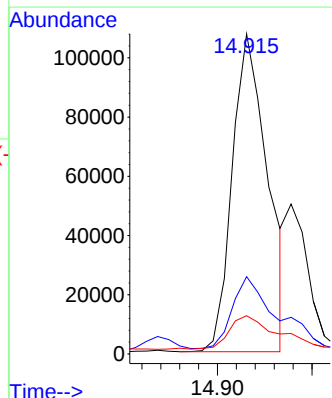
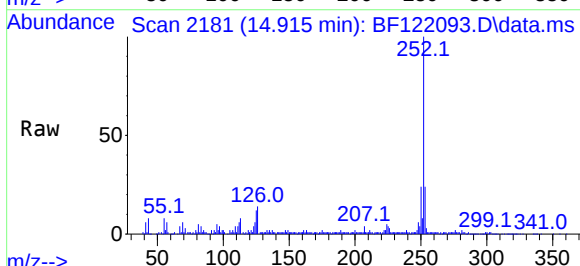
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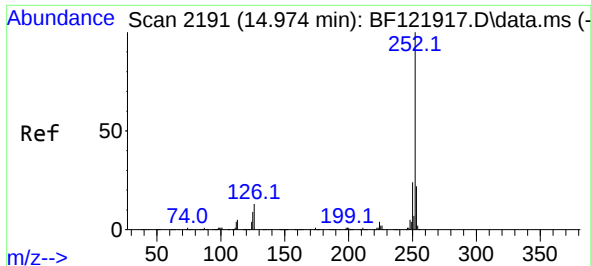
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#88
Benzo(b)fluoranthene
Concen: 8.92 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122093.D
Acq: 22 Oct 2020 20:05

Tgt Ion:	252	Resp:	139989
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.2
125	12.0	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.74 ng m

RT: 14.939 min Scan# 2185

Delta R.T. 0.006 min

Lab File: BF122093.D

Acq: 22 Oct 2020 20:05

Tgt Ion:	252	Resp:	40901
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.6
125	13.6	7.7	11.5#

Instrument :

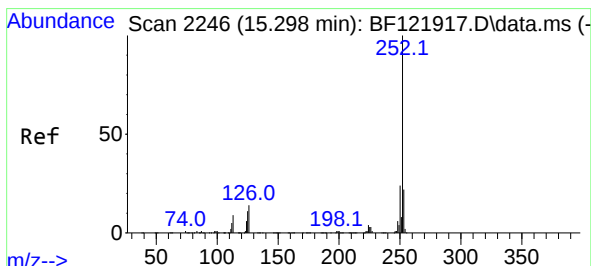
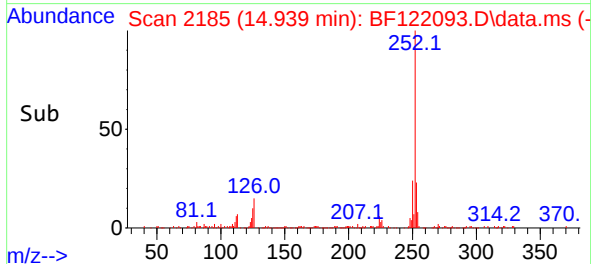
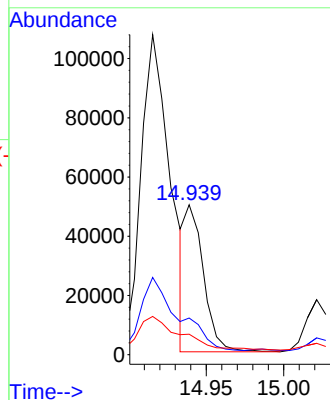
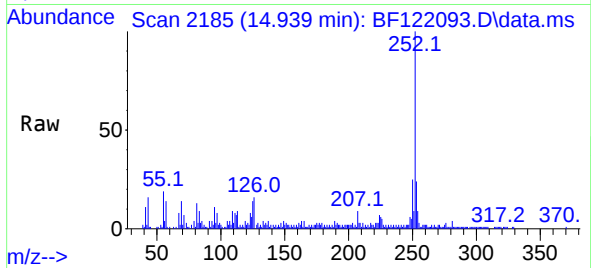
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 7.19 ng

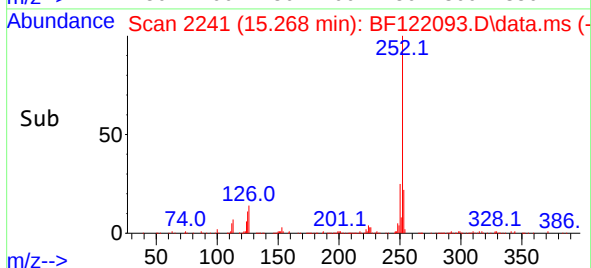
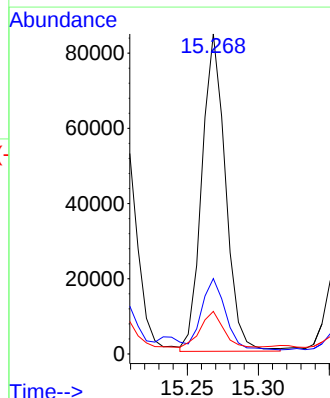
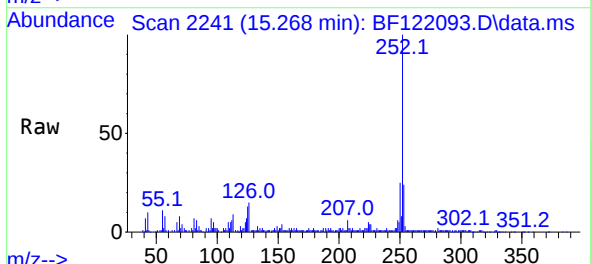
RT: 15.268 min Scan# 2241

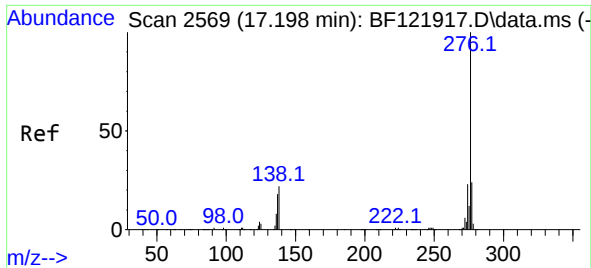
Delta R.T. 0.012 min

Lab File: BF122093.D

Acq: 22 Oct 2020 20:05

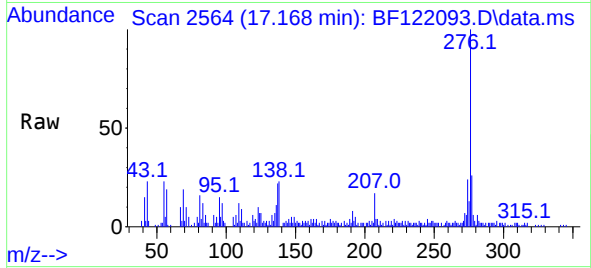
Tgt Ion:	252	Resp:	97506
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	13.3	8.6	13.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.60 ng
 RT: 17.168 min Scan# 2564
 Delta R.T. 0.029 min
 Lab File: BF122093.D
 Acq: 22 Oct 2020 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-102120



Tgt Ion:	276	Resp:	57204
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.4	29.2
138	22.9	17.8	26.6

Manual Integrations
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