

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122089.D
 Acq On : 22 Oct 2020 18:02
 Operator : JU/CG
 Sample : L4436-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 34A

Manual Integrations
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Quant Time: Oct 22 19:00:08 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	99407	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	391017	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	197201	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	334799	20.00	ng	0.00
76) Chrysene-d12	13.886	240	218929	20.00	ng	0.00
86) Perylene-d12	15.321	264	227892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	654744	97.21	ng	0.00
7) Phenol-d6	6.381	99	822527	94.87	ng	0.00
23) Nitrobenzene-d5	7.298	82	570467	74.82	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	220570	90.42	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	934409	69.72	ng	0.00
79) Terphenyl-d14	12.827	244	737478	64.20	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.480	163	142903	9.91	ng	99
71) Phenanthrene	11.269	178	54951	2.99	ng	99
75) Fluoranthene	12.457	202	135868	6.90	ng	98
78) Pyrene	12.686	202	113639	6.81	ng	97
81) Benzo(a)anthracene	13.874	228	58239	4.06	ng	97
83) Chrysene	13.915	228	59513	4.23	ng	98
88) Benzo(b)fluoranthene	14.915	252	87761m	5.70	ng	
90) Benzo(a)pyrene	15.262	252	54004	4.06	ng	# 94
92) Benzo(g,h,i)perylene	17.168	276	34274	2.81	ng	98

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

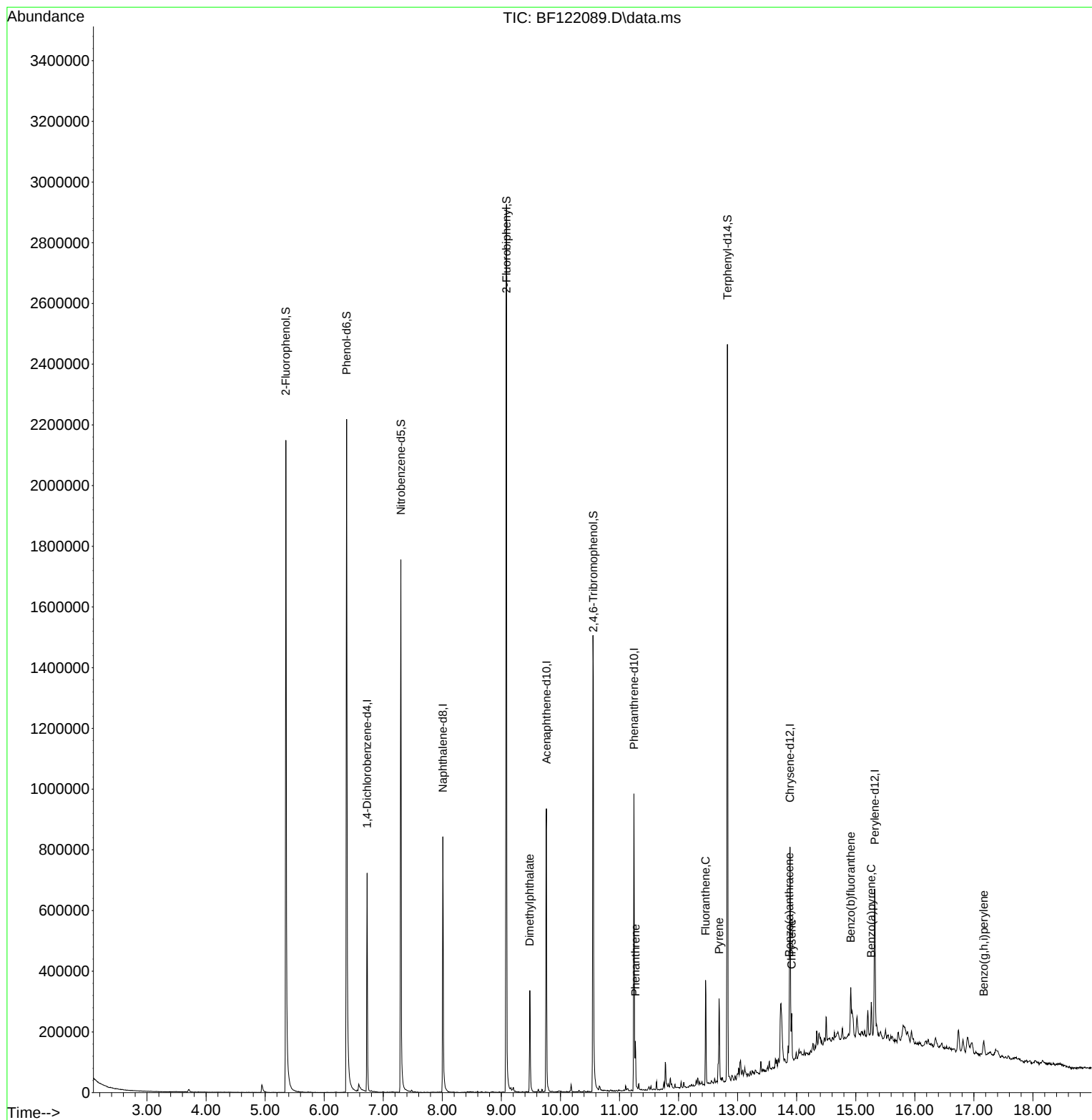
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Data File : BF122089.D
Acq On : 22 Oct 2020 18:02
Operator : JU/CG
Sample : L4436-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

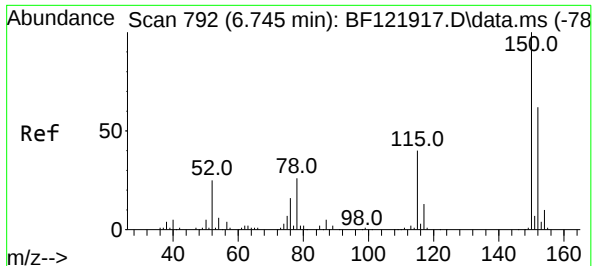
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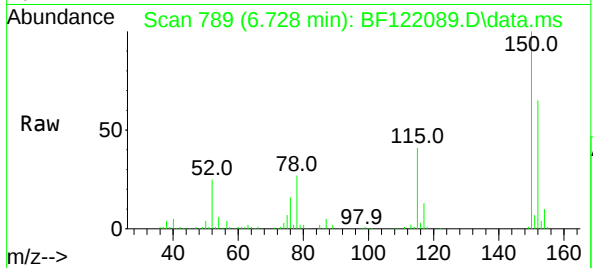
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Quant Time: Oct 22 19:00:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

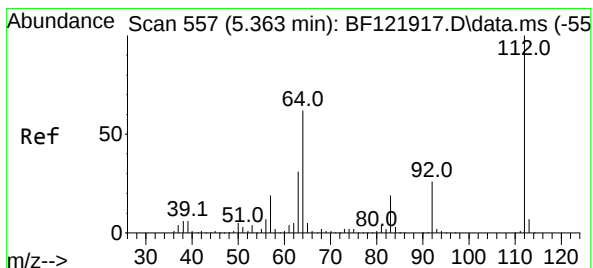
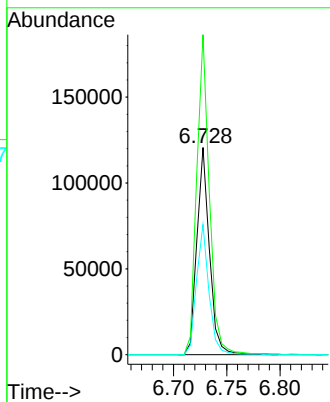
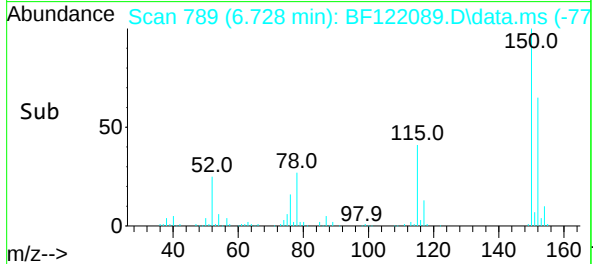




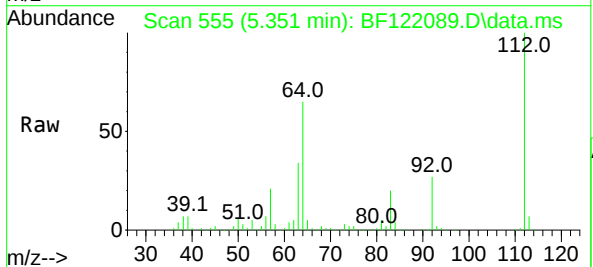
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



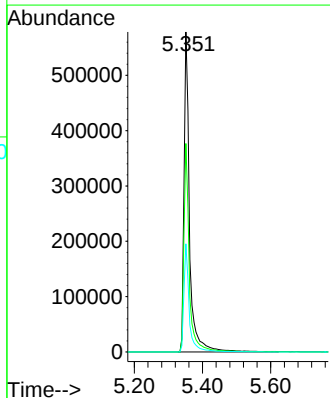
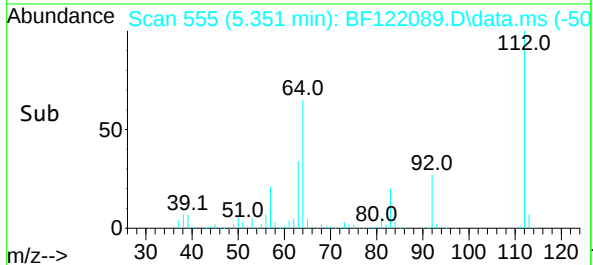
Tgt Ion:152 Resp: 99407
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 97.21 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



Tgt Ion:112 Resp: 654744
Ion Ratio Lower Upper
112 100
64 65.2 50.4 75.6
63 33.8 25.8 38.6



Instrument :
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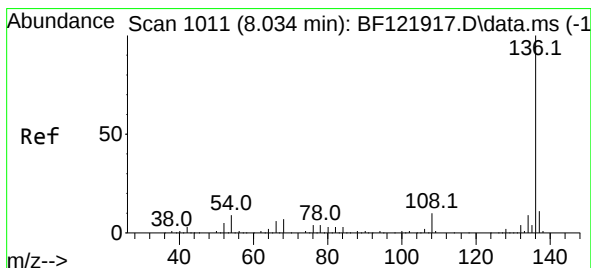
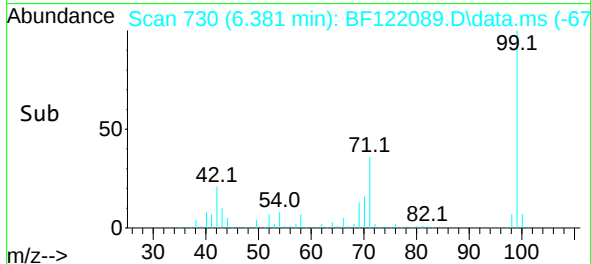
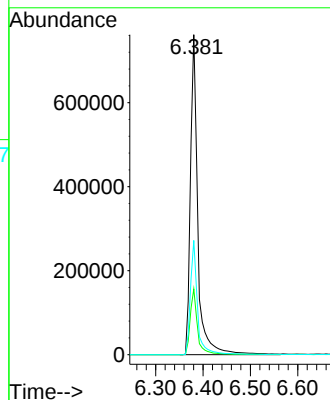
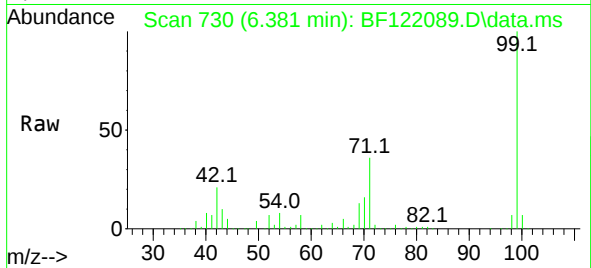
#7
Phenol-d6
Concen: 94.87 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02

Tgt Ion: 99 Resp: 822527
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 35.7 27.1 40.7

Instrument :
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ClientSampled :
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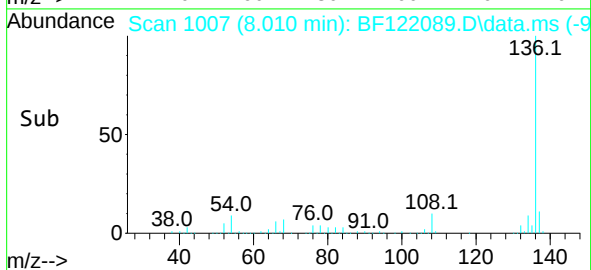
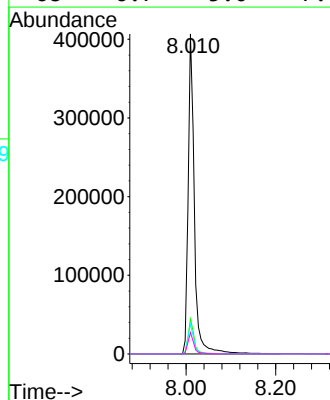
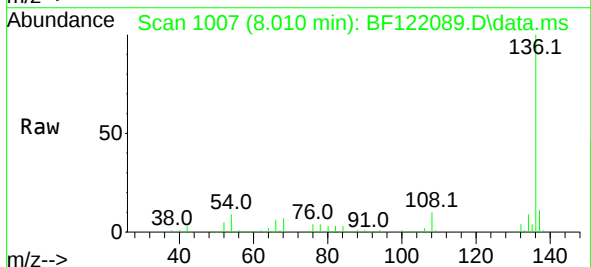
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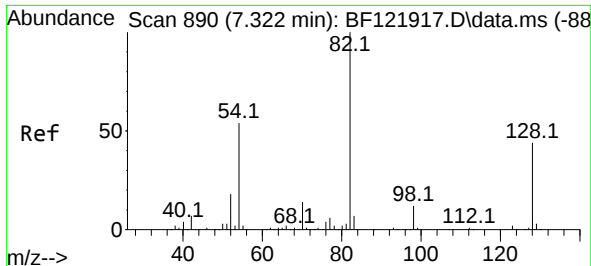
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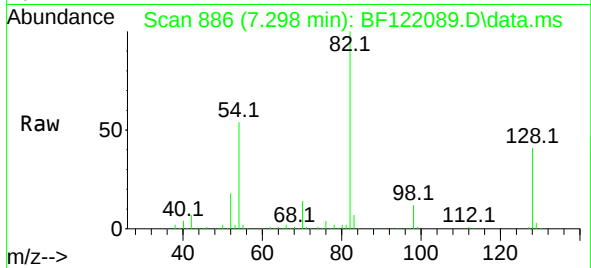
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02

Tgt Ion: 136 Resp: 391017
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.1 10.7
68 6.7 5.0 7.4

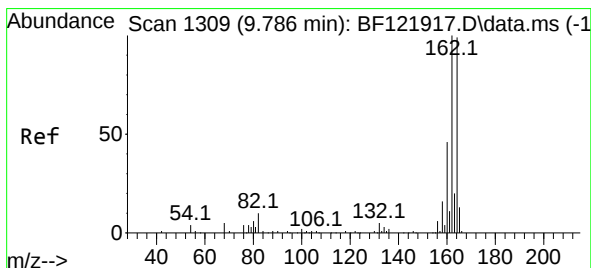
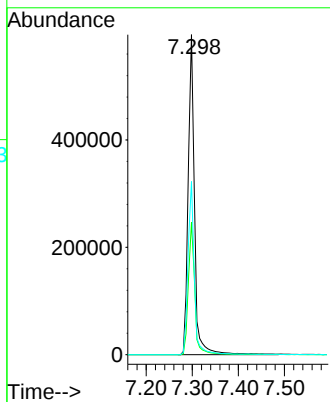
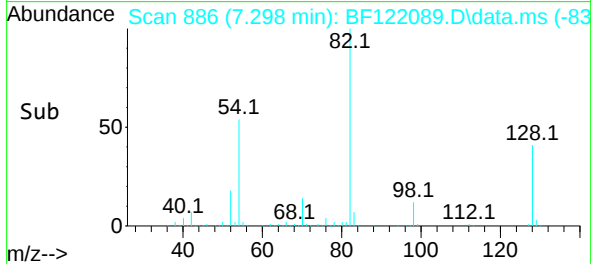




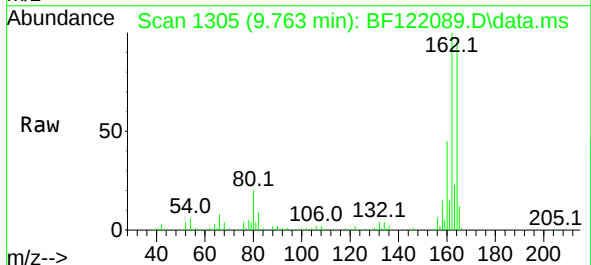
#23
Nitrobenzene-d5
Concen: 74.82 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



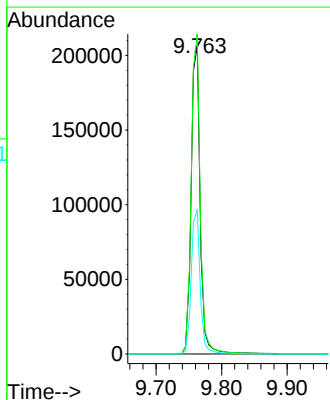
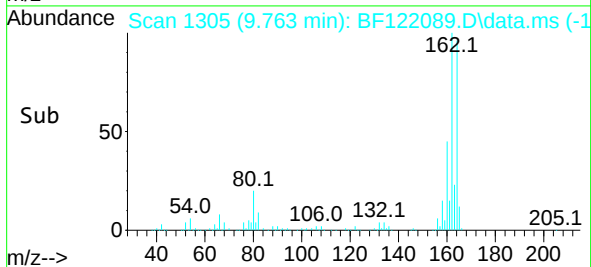
Tgt Ion: 82 Resp: 570467
Ion Ratio Lower Upper
82 100
128 41.3 35.0 52.4
54 54.1 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



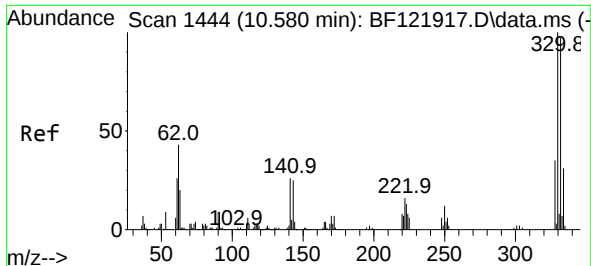
Tgt Ion: 164 Resp: 197201
Ion Ratio Lower Upper
164 100
162 103.9 83.2 124.8
160 46.6 37.5 56.3



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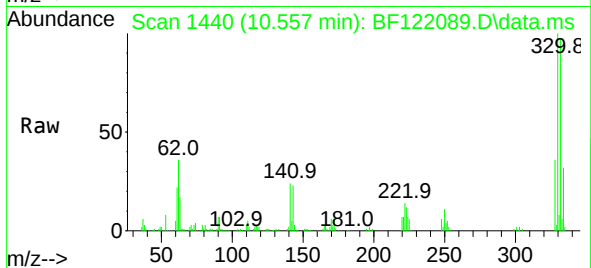
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#42
2,4,6-Tribromophenol
Concen: 90.42 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02

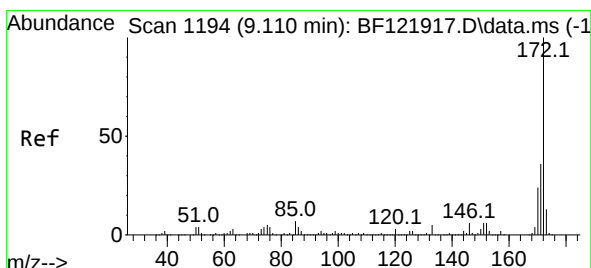
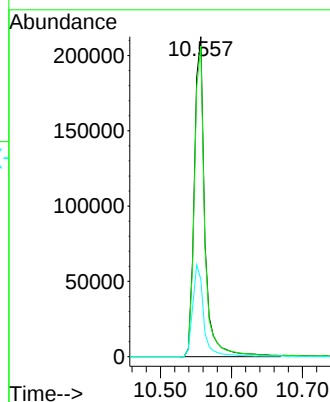
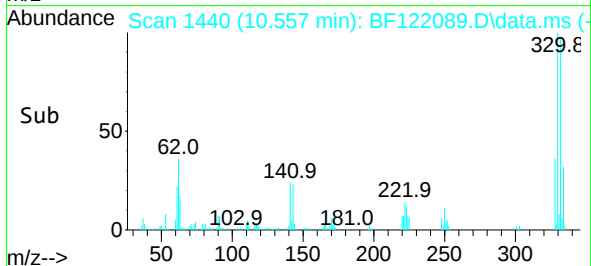
Instrument :
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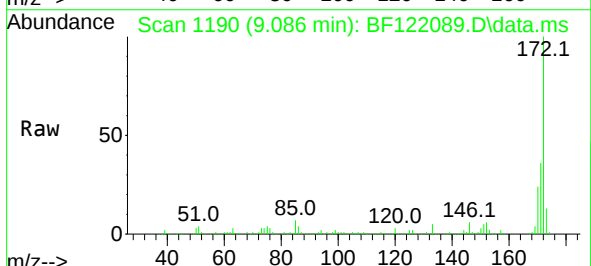
Tgt Ion:330 Resp: 220570
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.5 22.3 33.5

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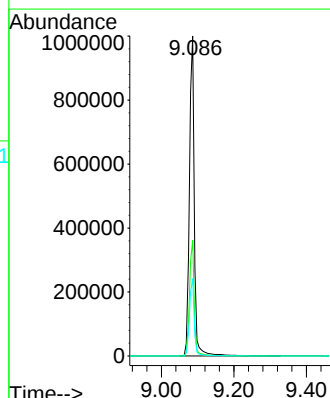
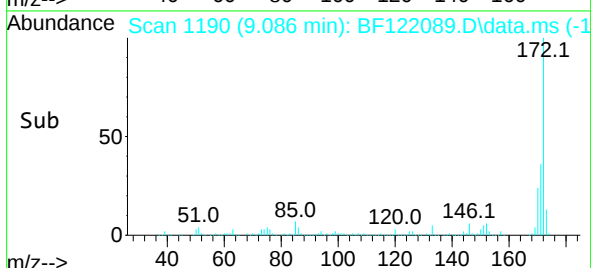
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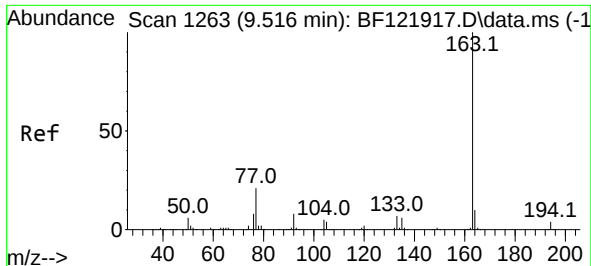


#45
2-Fluorobiphenyl
Concen: 69.72 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02

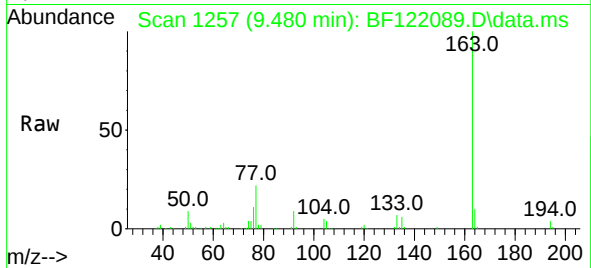


Tgt Ion:172 Resp: 934409
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.2 19.8 29.6

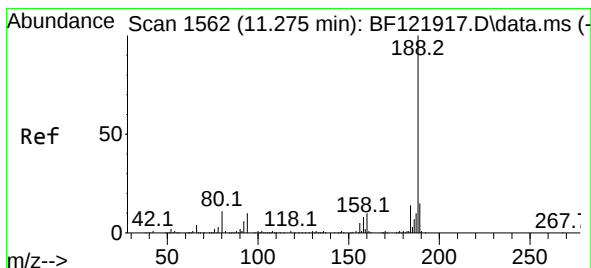
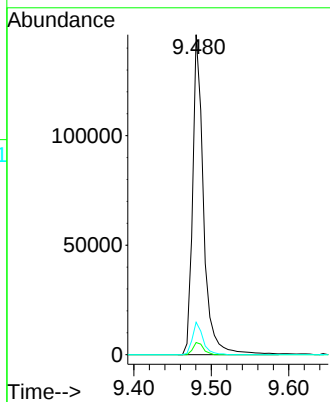
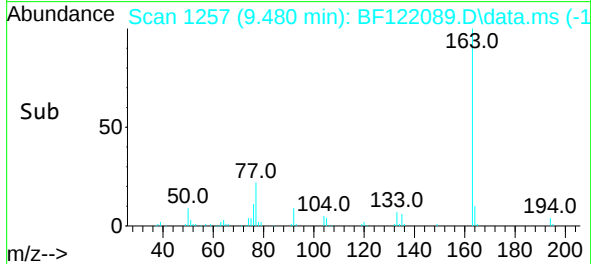




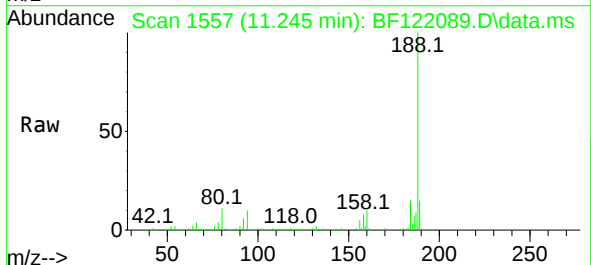
#50
Dimethylphthalate
Concen: 9.91 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



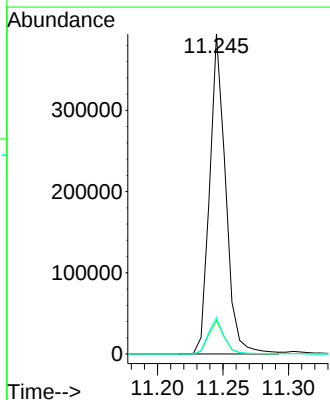
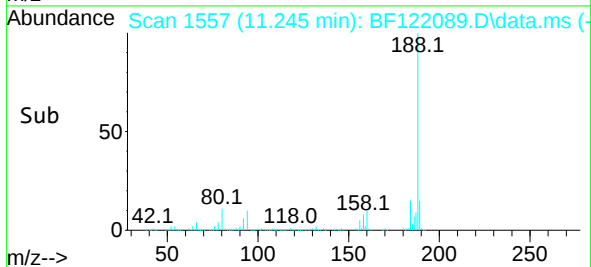
Tgt Ion:163 Resp: 142903
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



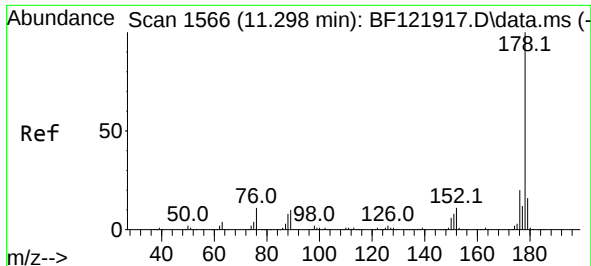
Tgt Ion:188 Resp: 334799
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.4 9.1 13.7



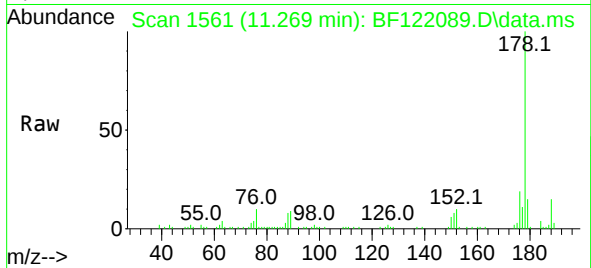
Instrument :
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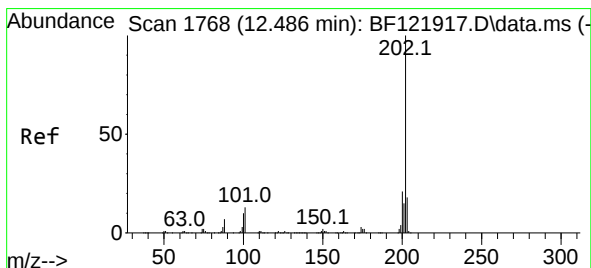
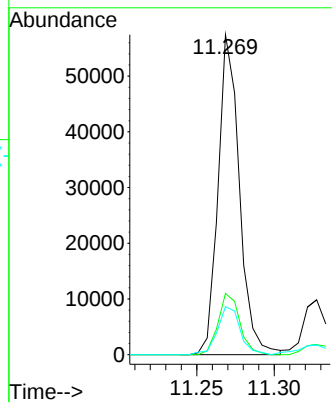
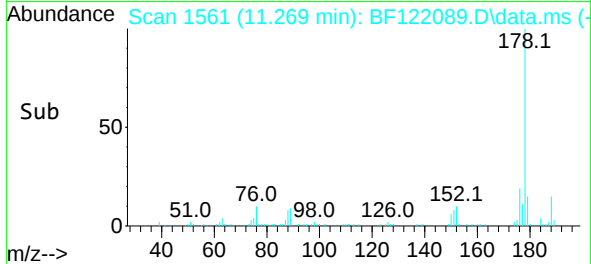
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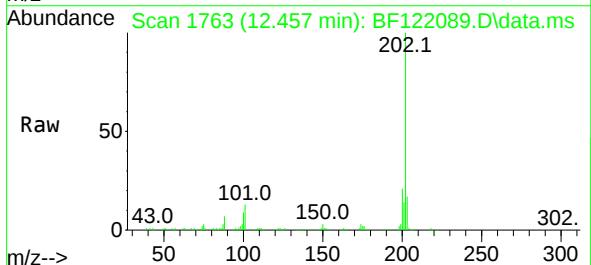
#71
Phenanthrene
Concen: 2.99 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



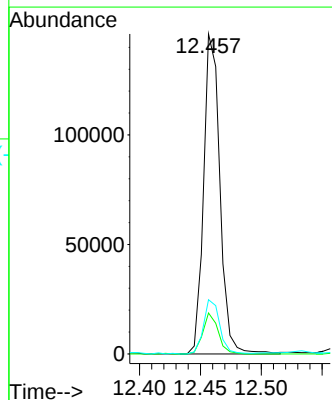
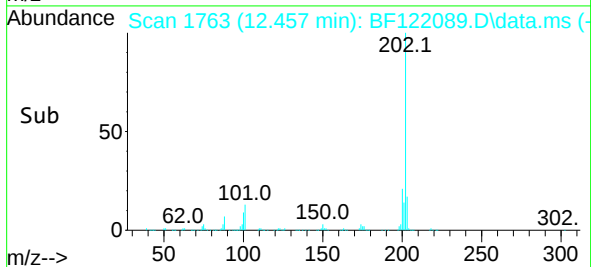
Tgt Ion:178 Resp: 54951
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.0 12.2 18.4



#75
Fluoranthene
Concen: 6.90 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



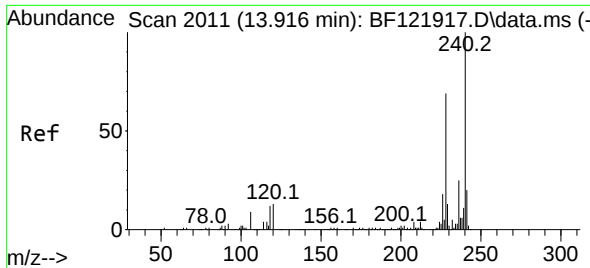
Tgt Ion:202 Resp: 135868
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.4
203 16.9 0.0 37.9



Instrument :
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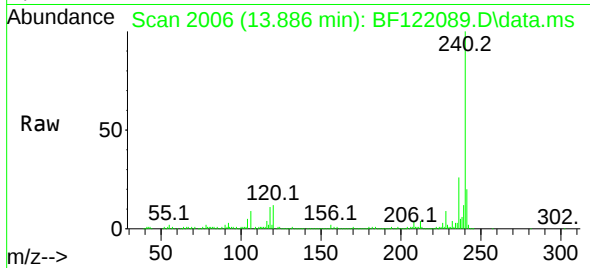
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02

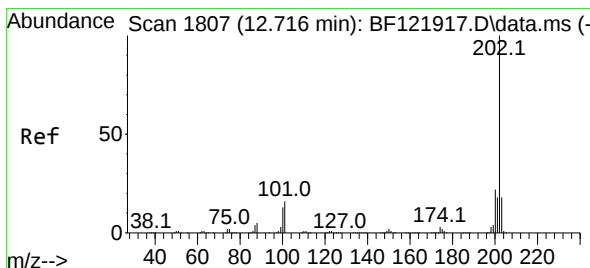
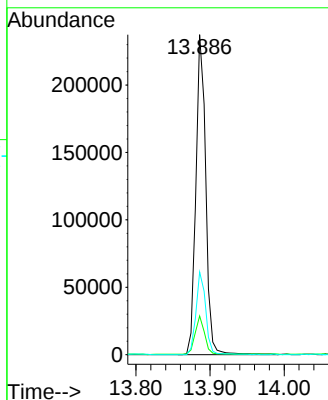
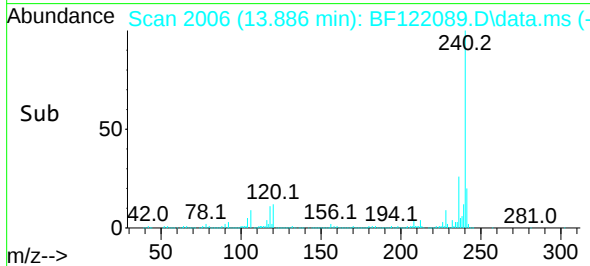
Instrument :
BNA_F
ClientSampled :
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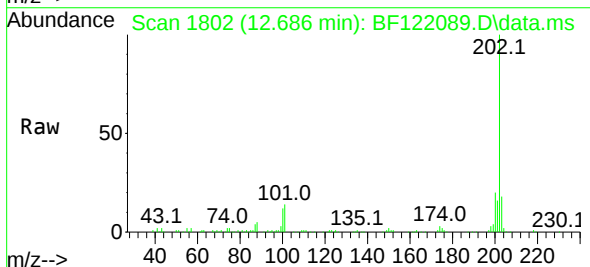
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Ion Ratio Lower Upper
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120 12.1 9.2 13.8
236 25.8 20.9 31.3

Manual Integrations
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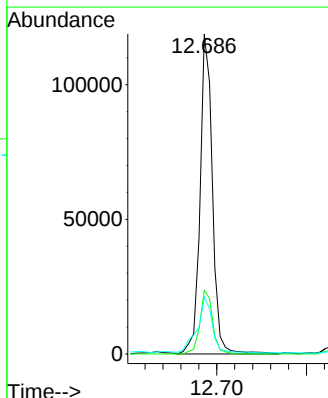
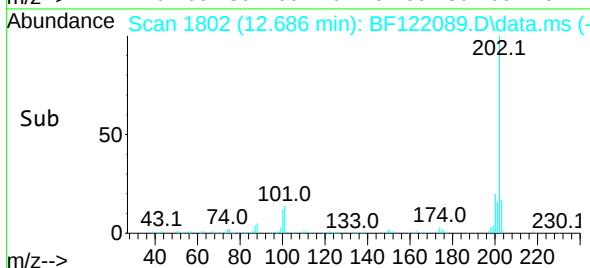
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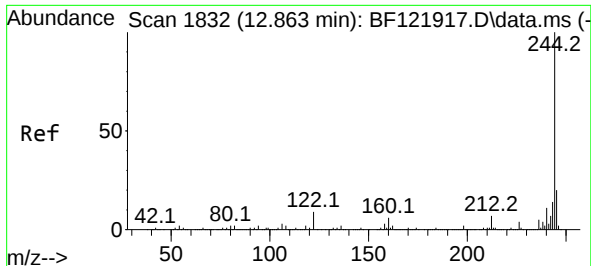


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Pyrene
Concen: 6.81 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



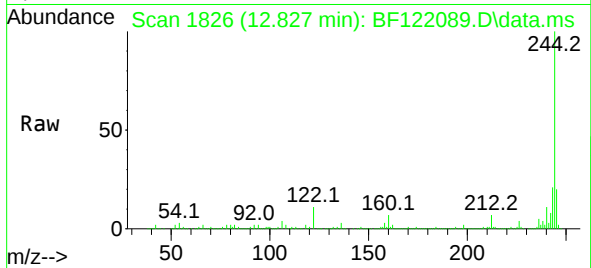
Tgt Ion:202 Resp: 113639
Ion Ratio Lower Upper
202 100
200 19.9 17.4 26.2
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 64.20 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF122089.D
 Acq: 22 Oct 2020 18:02

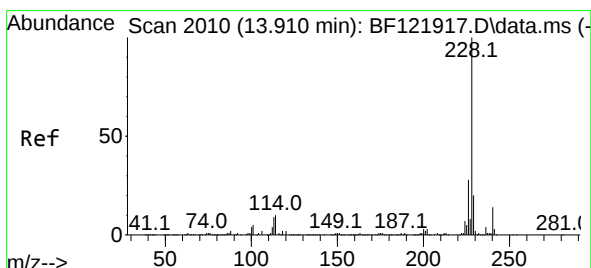
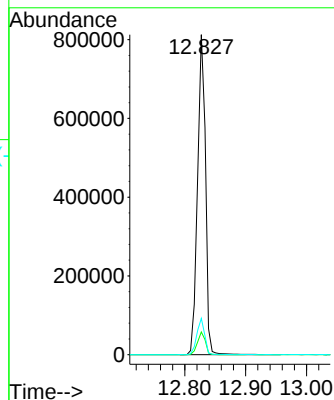
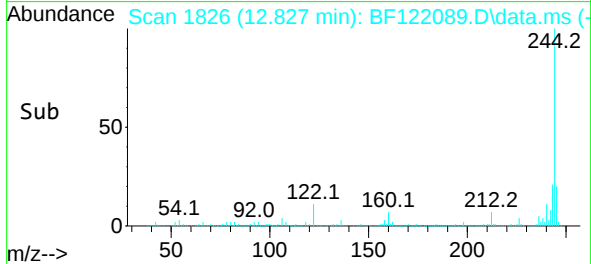
Instrument :
 BNA_F
 ClientSampled :
 34A



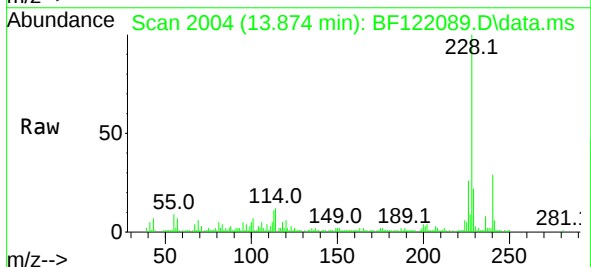
Tgt Ion:244 Resp: 737478
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 8.1 12.1

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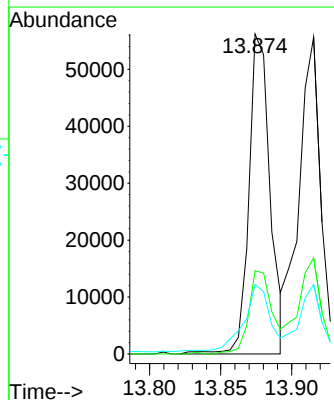
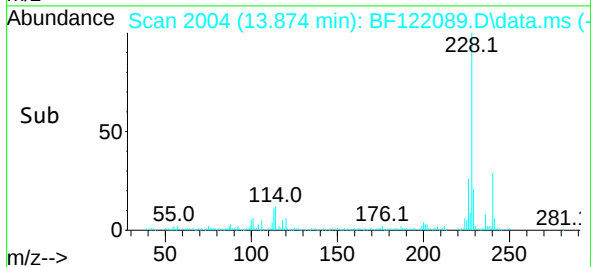
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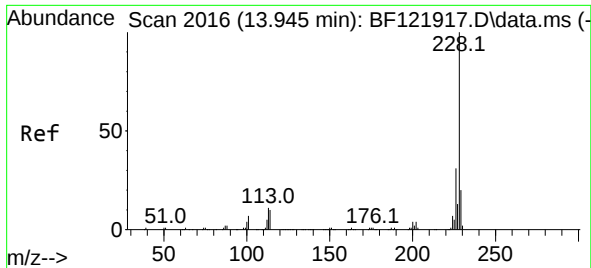


#81
 Benzo(a)anthracene
 Concen: 4.06 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BF122089.D
 Acq: 22 Oct 2020 18:02

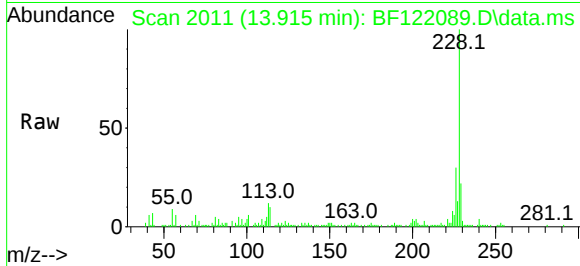


Tgt Ion:228 Resp: 58239
 Ion Ratio Lower Upper
 228 100
 226 26.0 22.3 33.5
 229 21.7 16.2 24.4

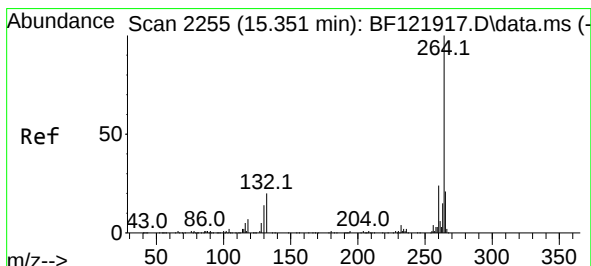
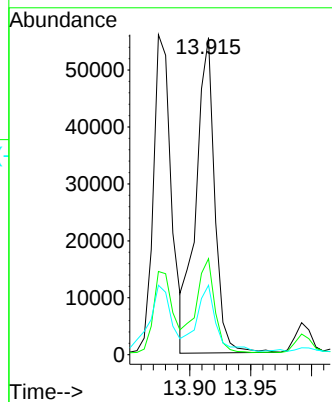
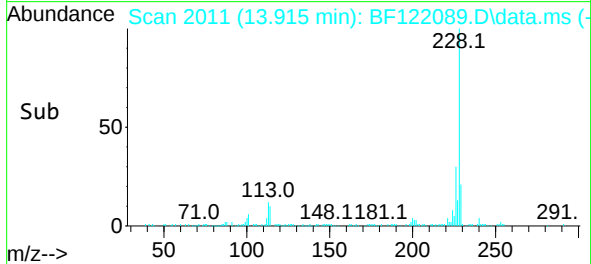




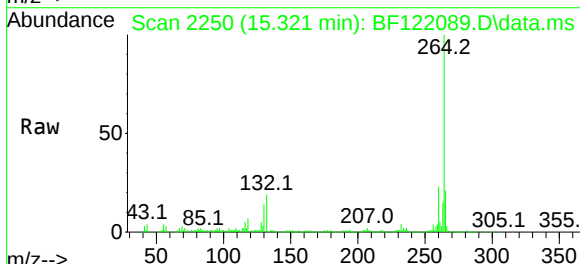
#83
Chrysene
Concen: 4.23 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



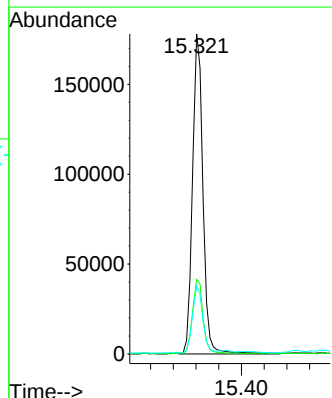
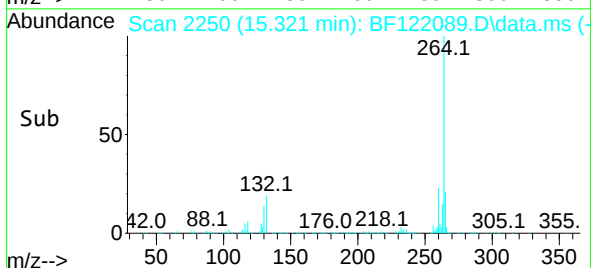
Tgt Ion:228 Resp: 59513
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.9 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



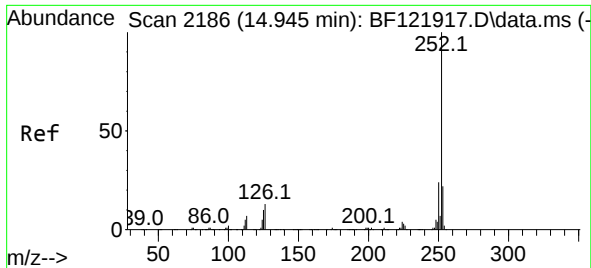
Tgt Ion:264 Resp: 227892
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.2 17.3 25.9



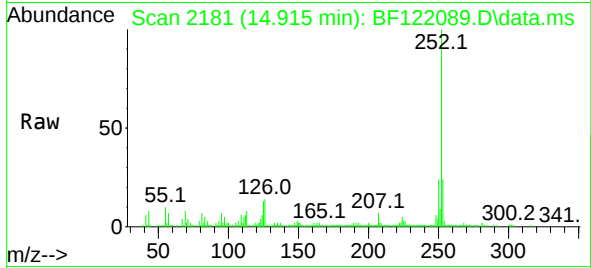
Instrument :
BNA_F
ClientSampled :
34A

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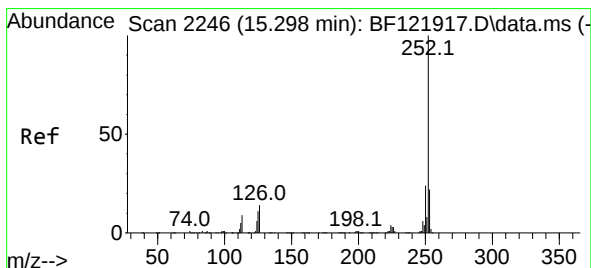
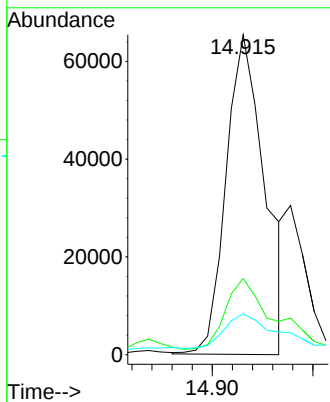
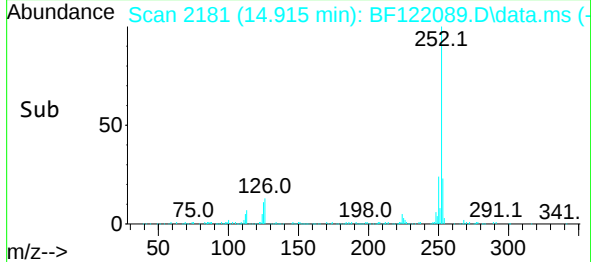
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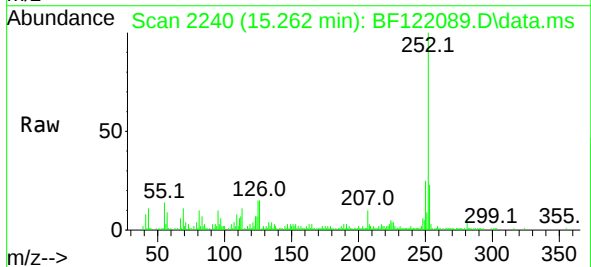
#88
Benzo(b)fluoranthene
Concen: 5.70 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



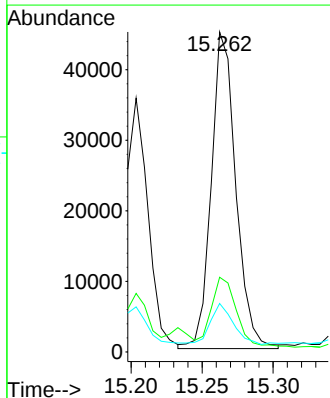
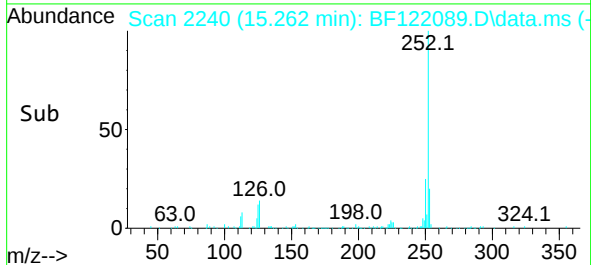
Tgt Ion:252 Resp: 87761
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 12.8 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 4.06 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122089.D
Acq: 22 Oct 2020 18:02



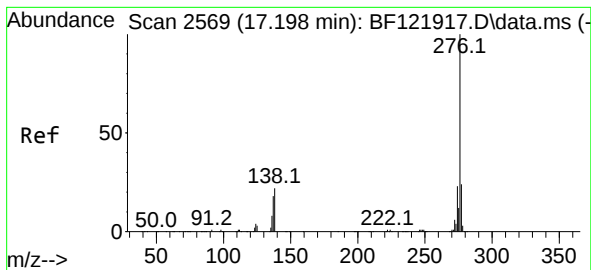
Tgt Ion:252 Resp: 54004
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 15.1 8.6 13.0#



Instrument :
BNA_F
ClientSampled :
34A

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#92

Benzo(g,h,i)perylene

Concen: 2.81 ng

RT: 17.168 min Scan# 2564

Delta R.T. 0.029 min

Lab File: BF122089.D

Acq: 22 Oct 2020 18:02

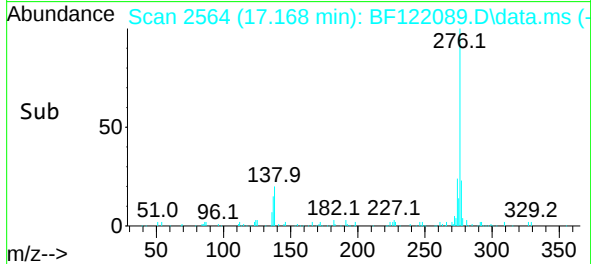
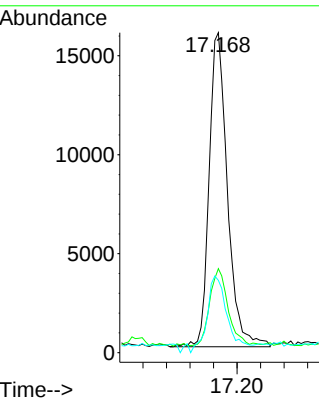
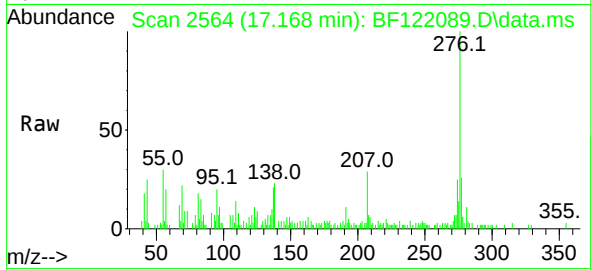
Tgt Ion: 276 Resp: 34274

Ion Ratio Lower Upper

276 100

277 26.3 19.4 29.2

138 22.6 17.8 26.6



Instrument :

BNA_F

ClientSampleId :

34A

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