

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122088.D
 Acq On : 22 Oct 2020 17:31
 Operator : JU/CG
 Sample : L4436-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33B

Manual Integrations
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Quant Time: Oct 22 18:23:05 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	106243	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	414824	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	204767	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	334211	20.00	ng	0.00
76) Chrysene-d12	13.886	240	244516	20.00	ng	0.00
86) Perylene-d12	15.321	264	251709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	626417	87.02	ng	0.00
7) Phenol-d6	6.381	99	782715	84.47	ng	0.00
23) Nitrobenzene-d5	7.298	82	541931	67.00	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	204422	80.70	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	867121	62.31	ng	0.00
79) Terphenyl-d14	12.827	244	663914	51.75	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.480	163	136894	9.14	ng	100
71) Phenanthrene	11.269	178	123656	6.75	ng	98
75) Fluoranthene	12.457	202	151910	7.73	ng	98
78) Pyrene	12.686	202	128155	6.88	ng	97
81) Benzo(a)anthracene	13.874	228	66614	4.16	ng	99
83) Chrysene	13.915	228	59605	3.79	ng	97
88) Benzo(b)fluoranthene	14.915	252	88623m	5.21	ng	
90) Benzo(a)pyrene	15.262	252	56019	3.81	ng	# 94
92) Benzo(g,h,i)perylene	17.162	276	32616	2.42	ng	96

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

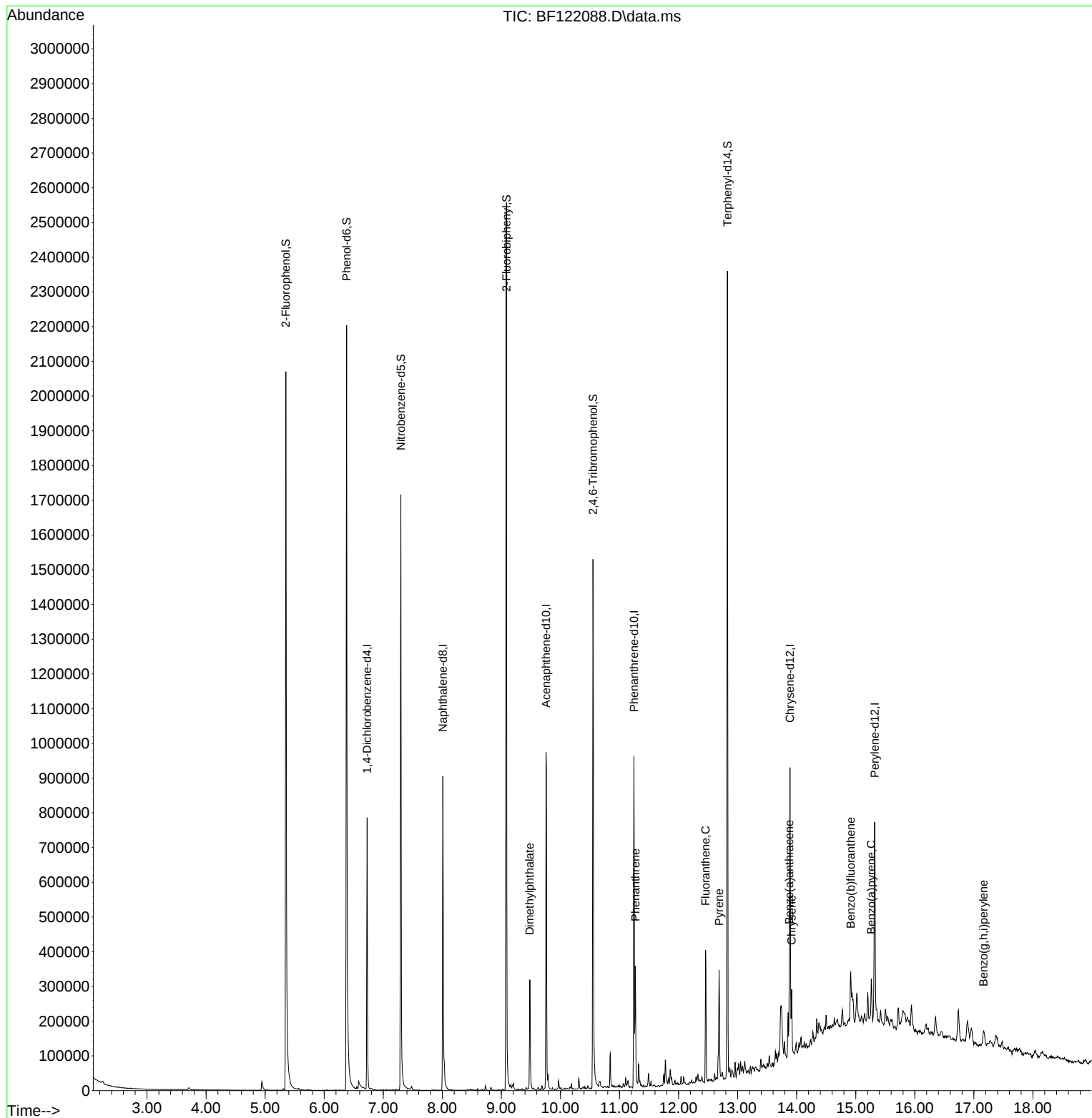
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Data File : BF122088.D
Acq On : 22 Oct 2020 17:31
Operator : JU/CG
Sample : L4436-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

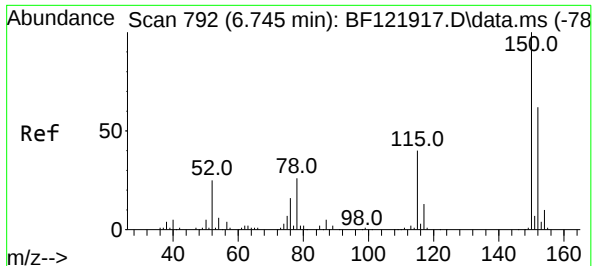
Instrument :
BNA_F
ClientSampleId :
33B

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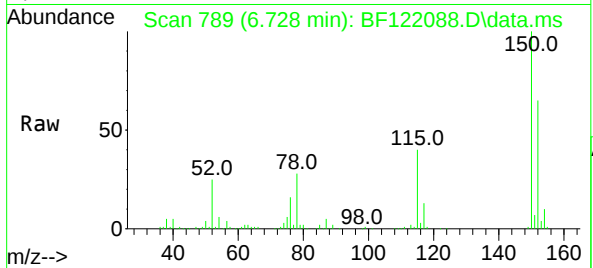
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Quant Time: Oct 22 18:23:05 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

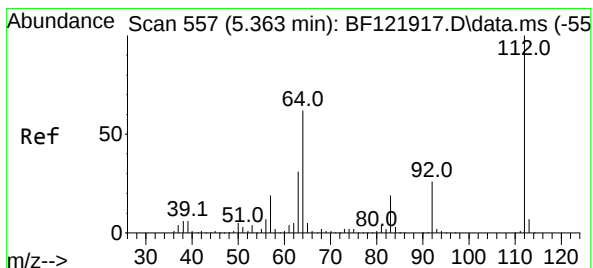
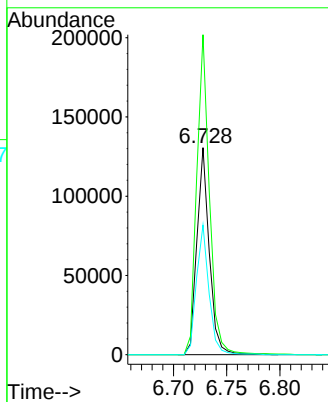
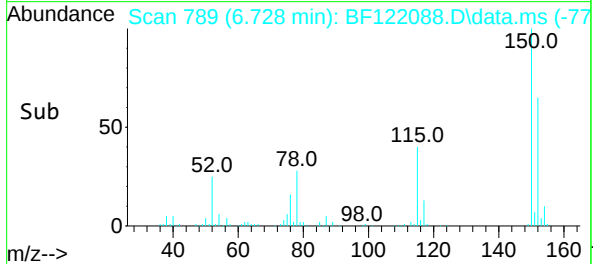




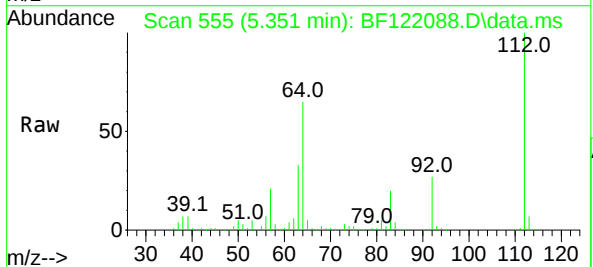
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



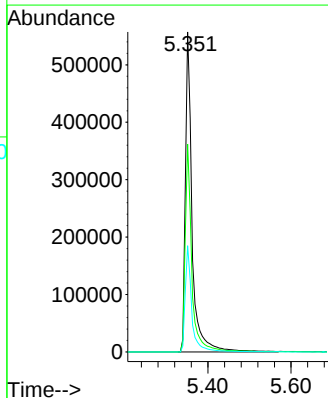
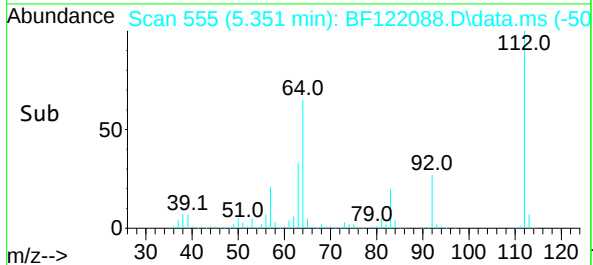
Tgt Ion:152 Resp: 106243
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 62.6 51.9 77.9



#5
2-Fluorophenol
Concen: 87.02 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



Tgt Ion:112 Resp: 626417
Ion Ratio Lower Upper
112 100
64 64.9 50.4 75.6
63 33.2 25.8 38.6



Instrument :
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ClientSampled :
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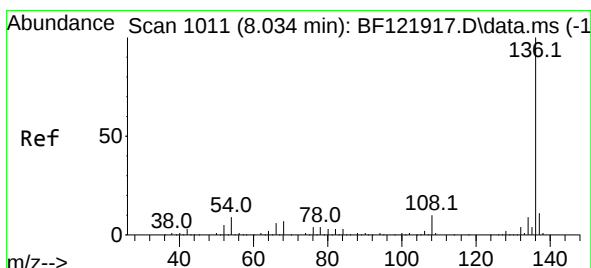
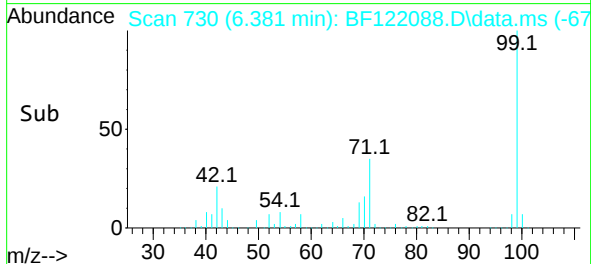
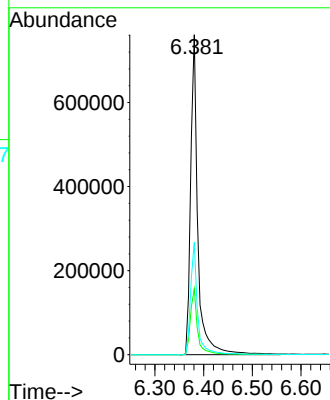
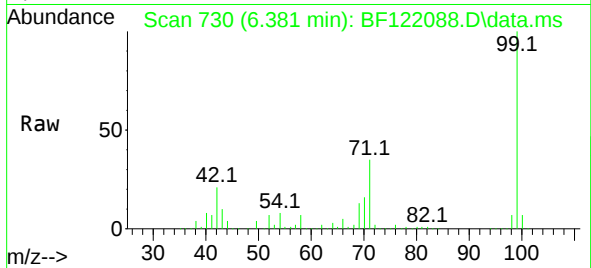
#7
Phenol-d6
Concen: 84.47 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion: 99 Resp: 782715
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.1 27.1 40.7

Instrument :
BNA_F
ClientSampled :
33B

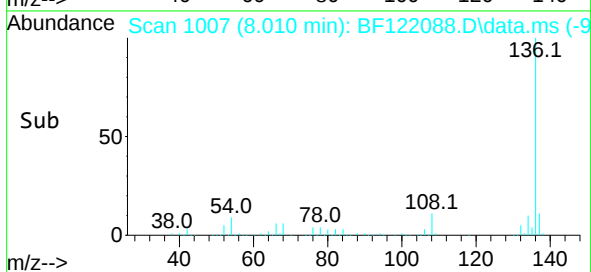
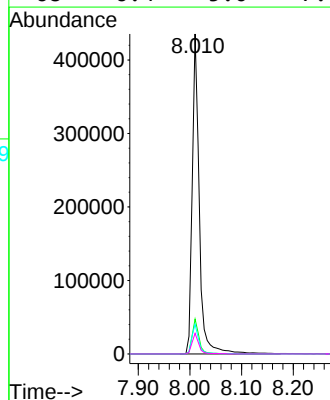
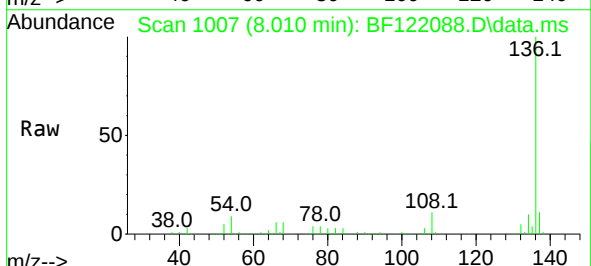
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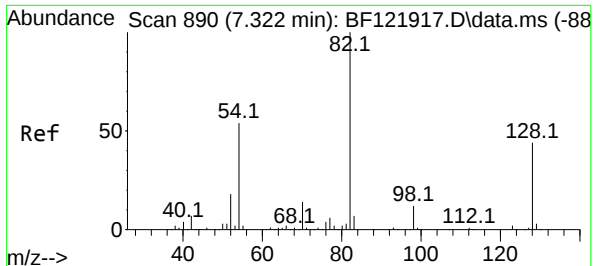
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

Tgt Ion: 136 Resp: 414824
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.1 10.7
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.00 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF122088.D

Acq: 22 Oct 2020 17:31

Tgt Ion: 82 Resp: 541931

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	54.6	43.9	65.9

Instrument :

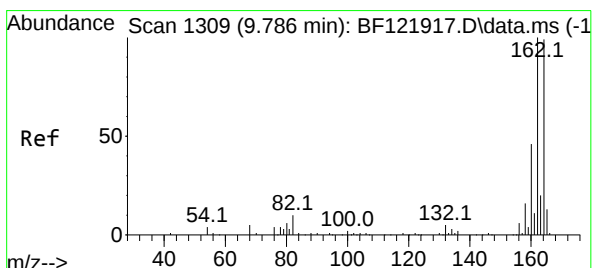
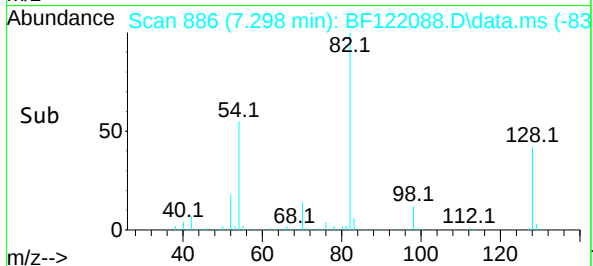
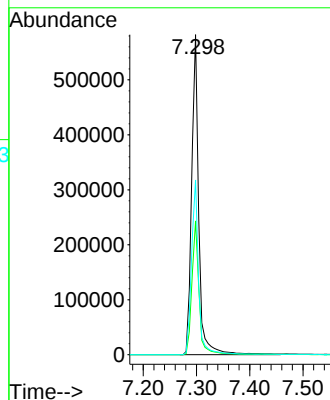
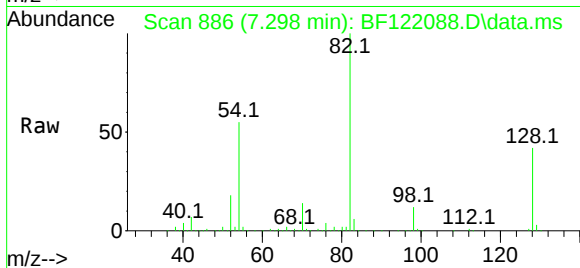
BNA_F

ClientSampled :

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

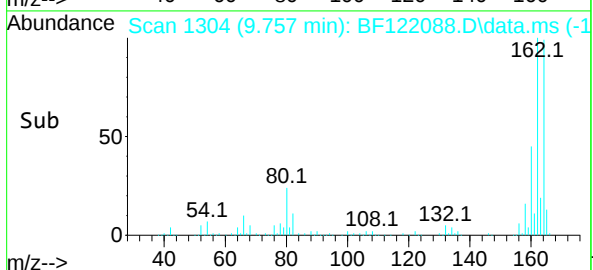
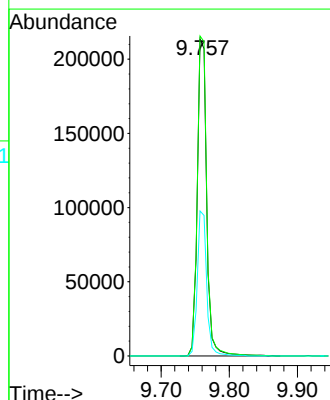
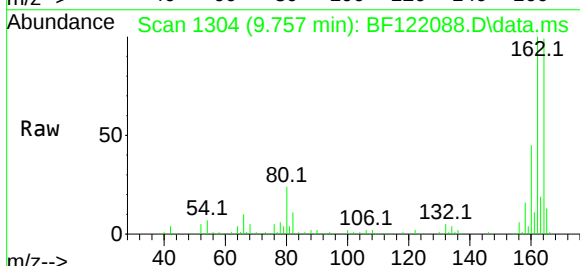
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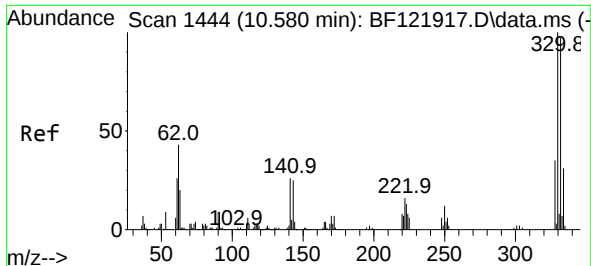
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Acq: 22 Oct 2020 17:31

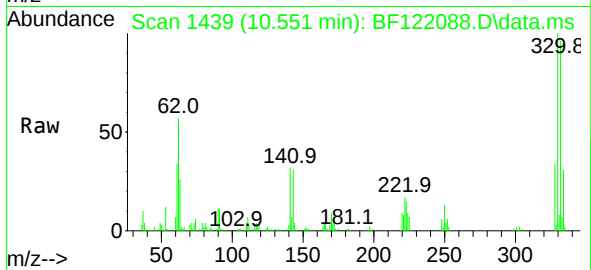
Tgt Ion:164 Resp: 204767

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.2	124.8
160	45.8	37.5	56.3

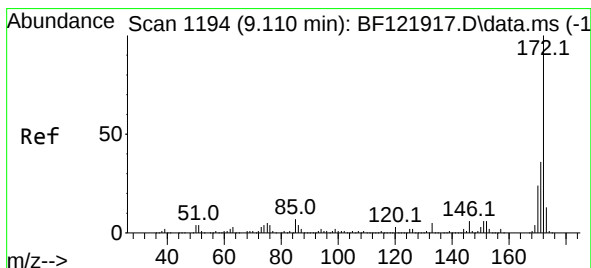
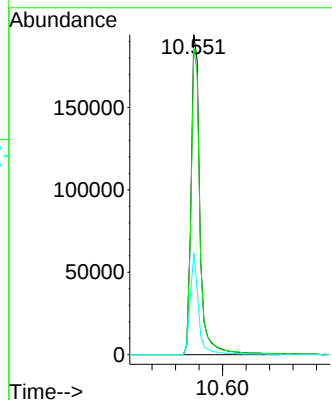
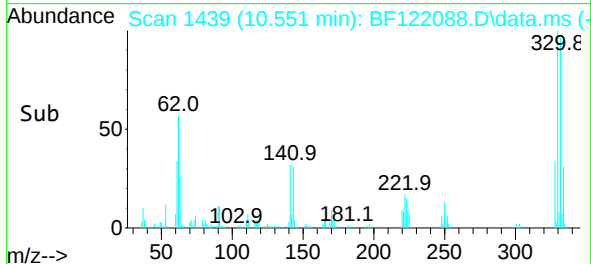




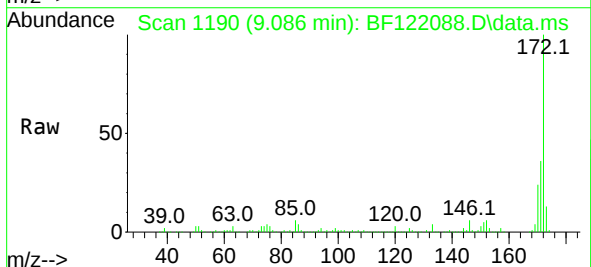
#42
2,4,6-Tribromophenol
Concen: 80.70 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



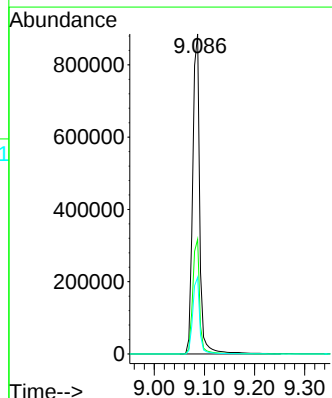
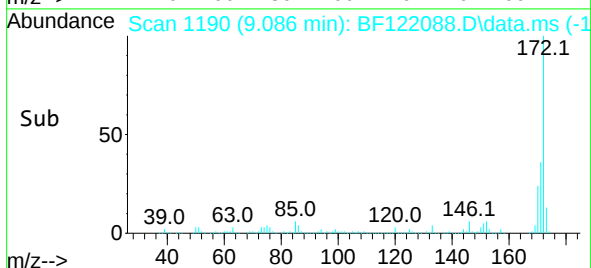
Tgt Ion: 330 Resp: 204422
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 29.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.31 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



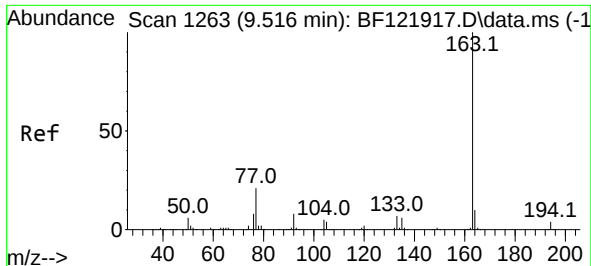
Tgt Ion: 172 Resp: 867121
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.9 19.8 29.6



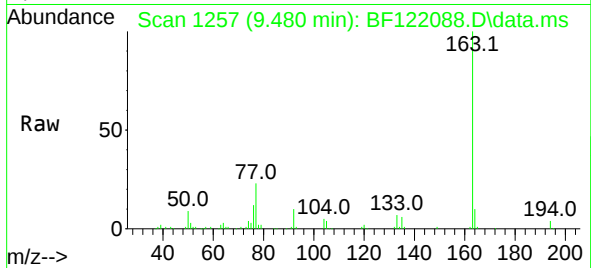
Instrument :
BNA_F
ClientSampled :
33B

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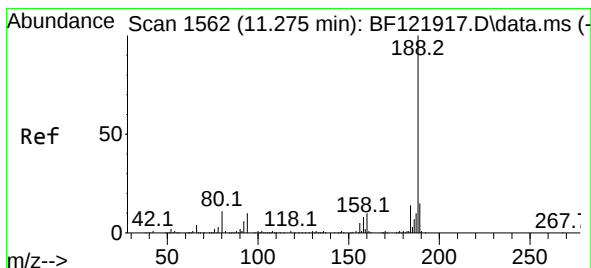
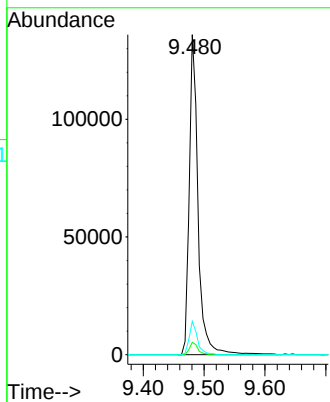
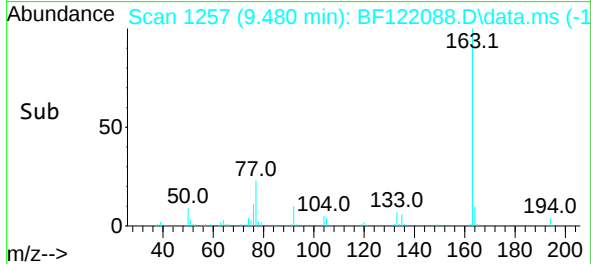
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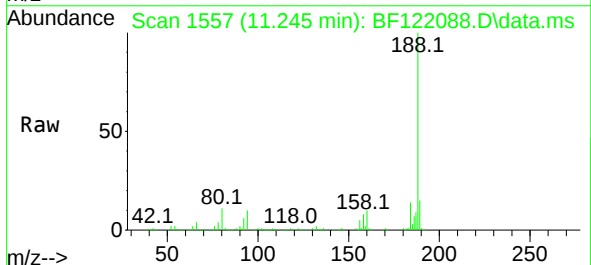
#50
Dimethylphthalate
Concen: 9.14 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



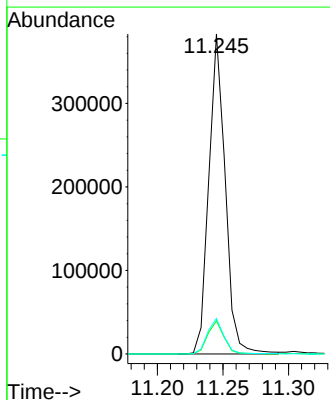
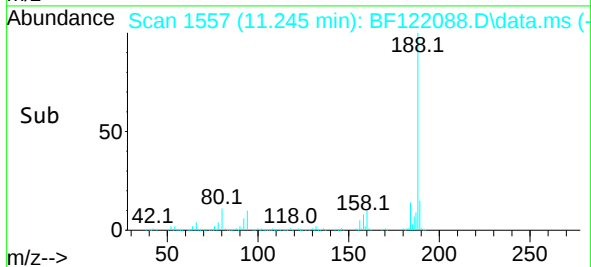
Tgt Ion:163 Resp: 136894
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



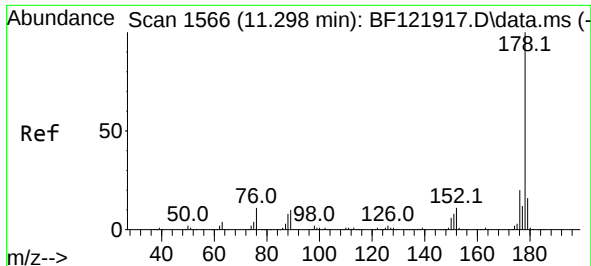
Tgt Ion:188 Resp: 334211
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.1 9.1 13.7



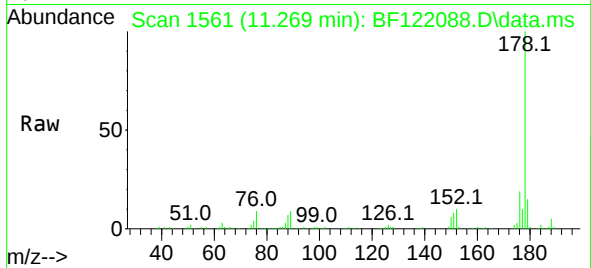
Instrument :
BNA_F
ClientSampled :
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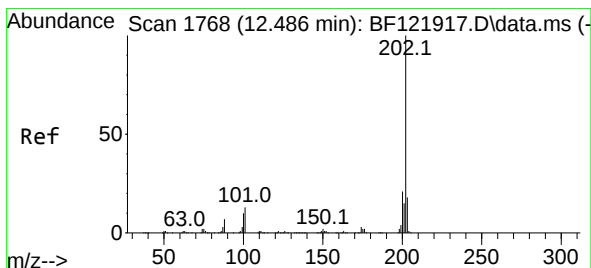
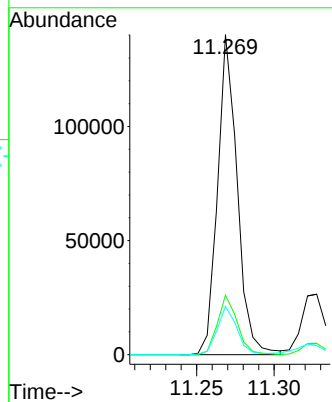
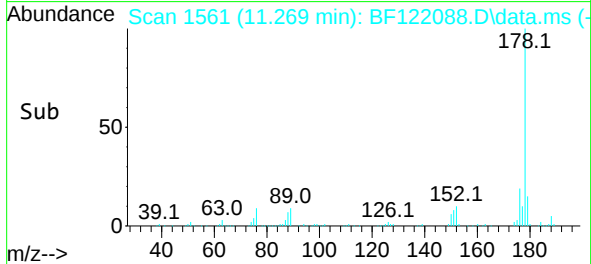
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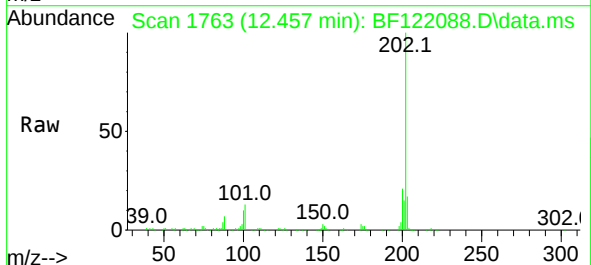
#71
Phenanthrene
Concen: 6.75 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



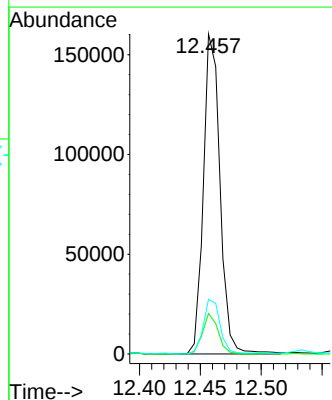
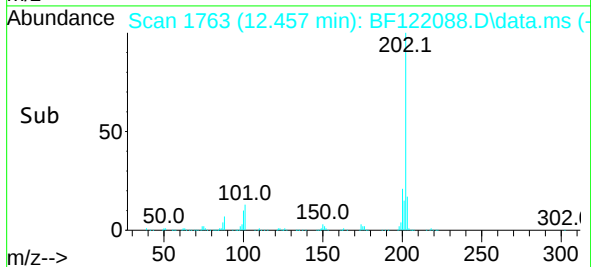
Tgt Ion:178 Resp: 123656
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.1 12.2 18.4



#75
Fluoranthene
Concen: 7.73 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



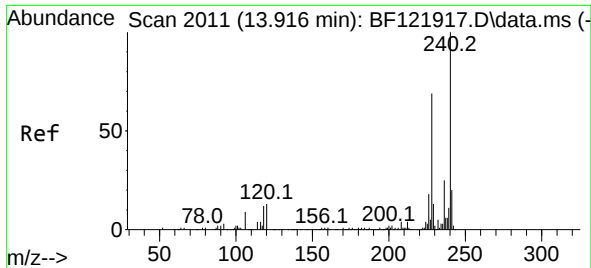
Tgt Ion:202 Resp: 151910
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.4
203 17.0 0.0 37.9



Instrument :
BNA_F
ClientSampled :
33B

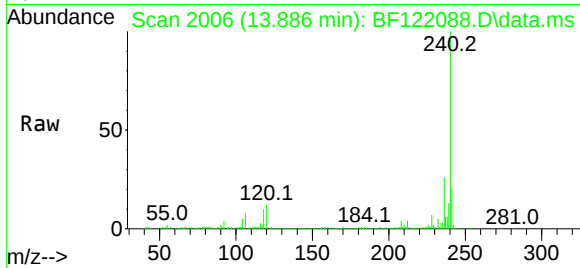
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

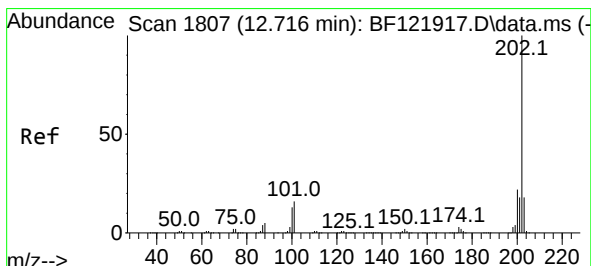
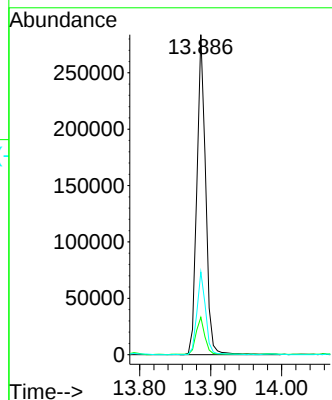
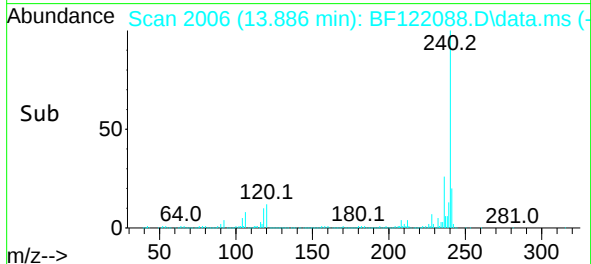
Instrument :
BNA_F
ClientSampled :
33B



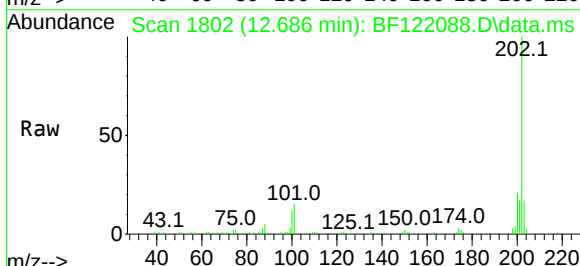
Tgt Ion:240 Resp: 244516
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.8 20.9 31.3

Manual Integrations
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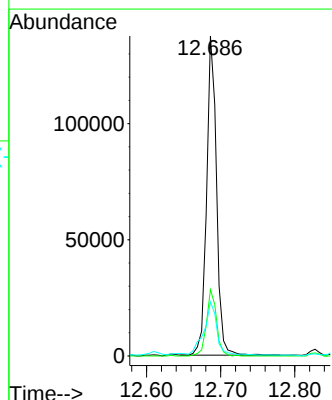
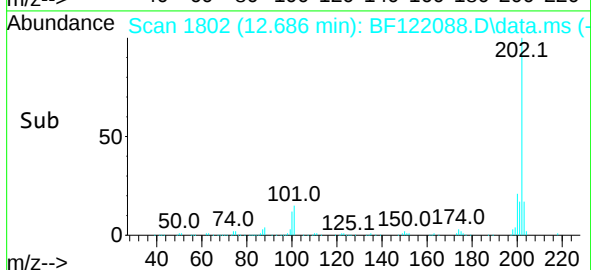
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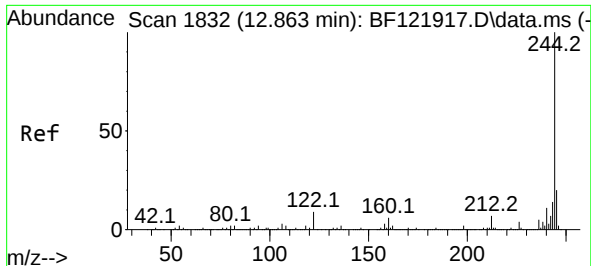


#78
Pyrene
Concen: 6.88 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



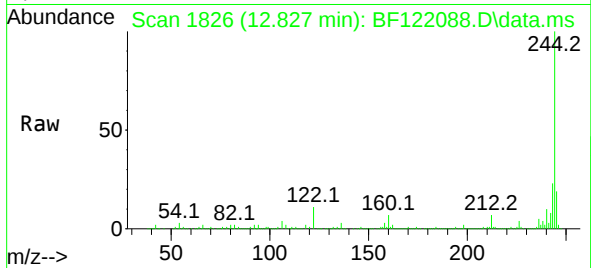
Tgt Ion:202 Resp: 128155
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 16.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 51.75 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF122088.D
 Acq: 22 Oct 2020 17:31

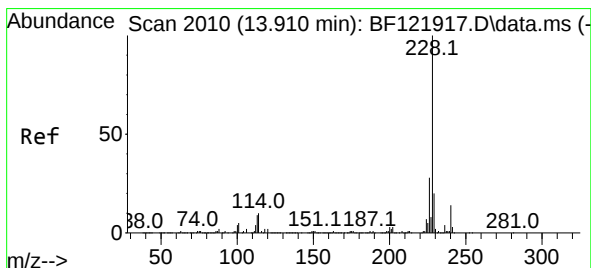
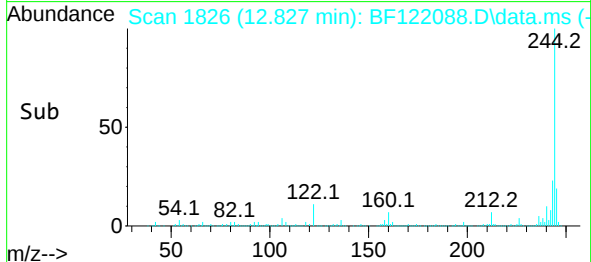
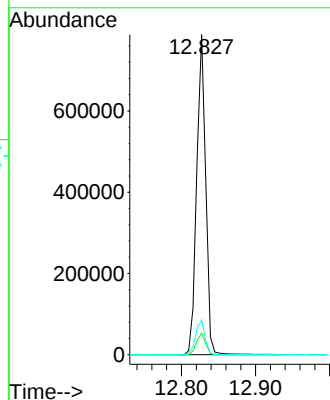
Instrument :
 BNA_F
 ClientSampled :
 33B



Tgt Ion:244 Resp: 663914
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 8.1 12.1

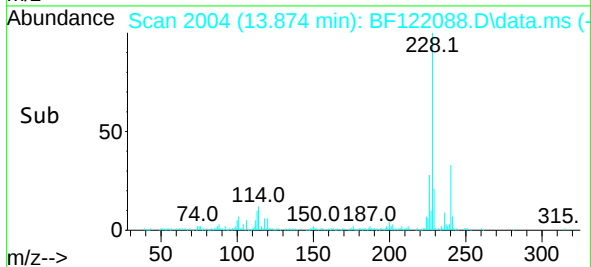
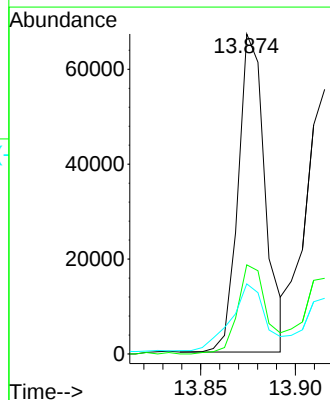
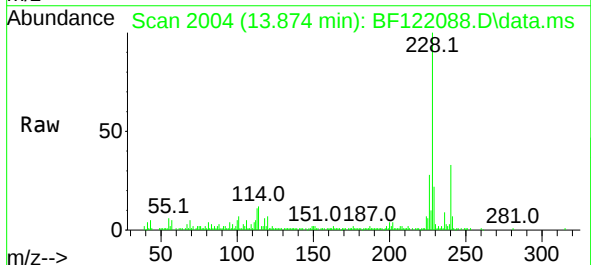
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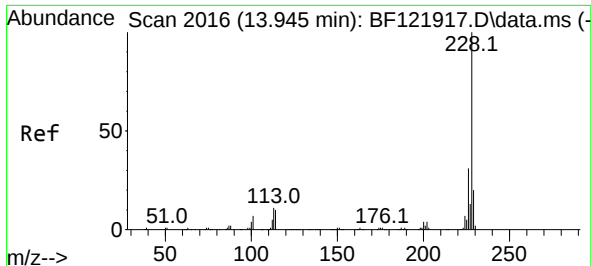
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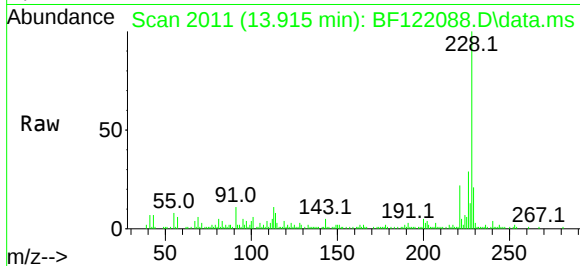
#81
 Benzo(a)anthracene
 Concen: 4.16 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: BF122088.D
 Acq: 22 Oct 2020 17:31

Tgt Ion:228 Resp: 66614
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.3 33.5
 229 21.9 16.2 24.4

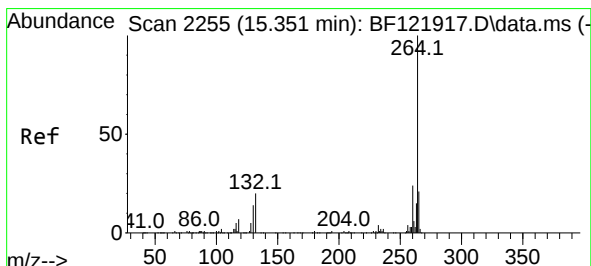
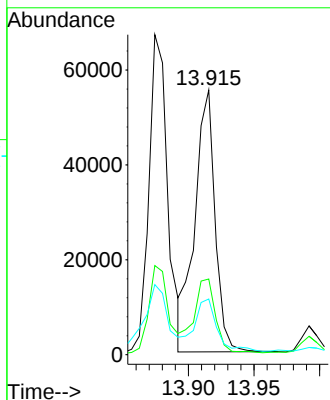
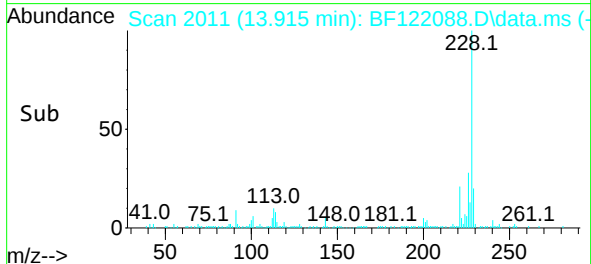




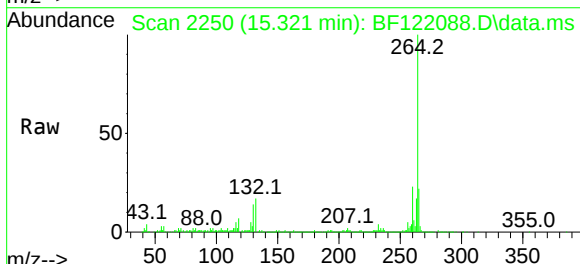
#83
Chrysene
Concen: 3.79 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



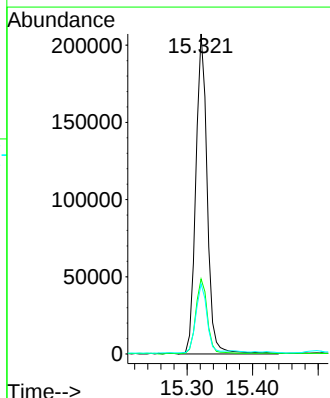
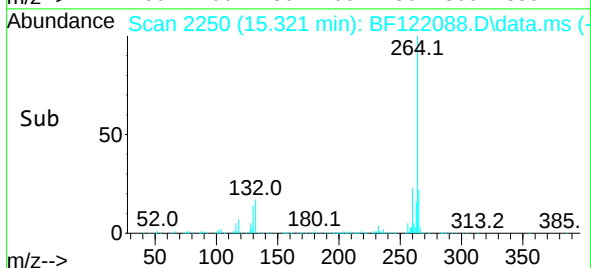
Tgt Ion:228 Resp: 59605
Ion Ratio Lower Upper
228 100
226 28.6 24.6 37.0
229 21.1 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



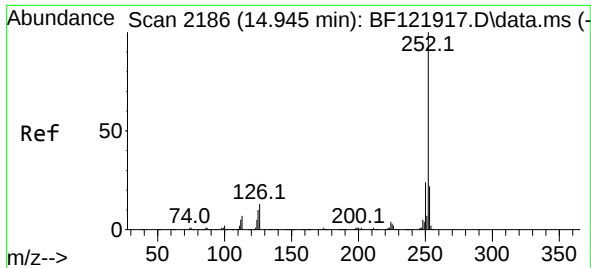
Tgt Ion:264 Resp: 251709
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.3 25.9



Instrument :
BNA_F
ClientSampled :
33B

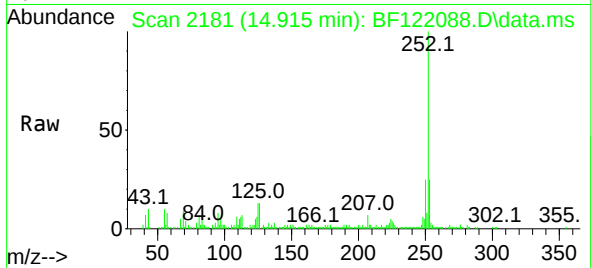
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#88
Benzo(b)fluoranthene
Concen: 5.21 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

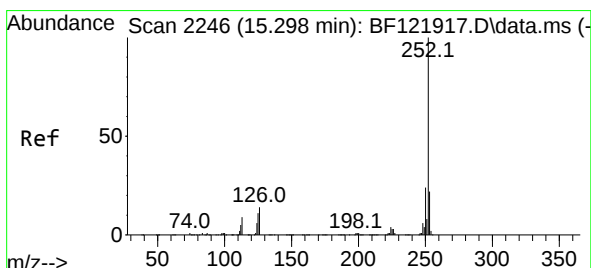
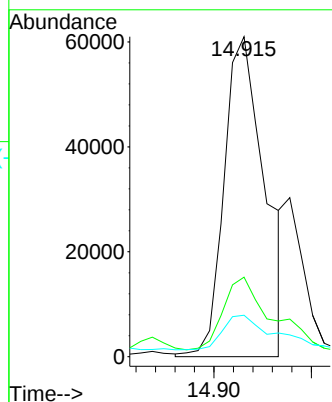
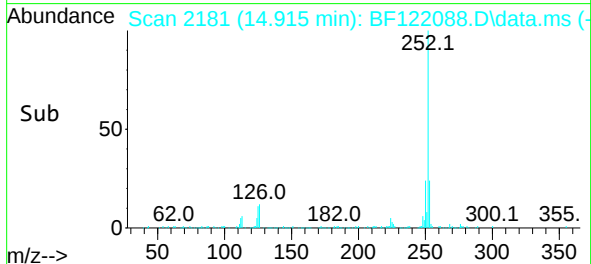
Instrument :
BNA_F
ClientSampled :
33B



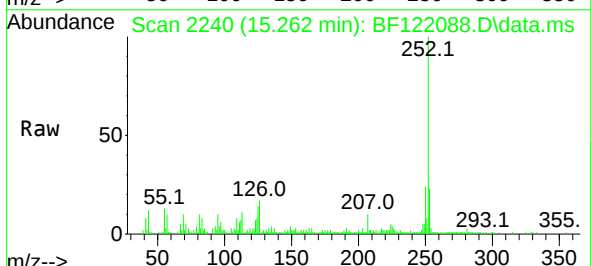
Tgt Ion:252 Resp: 88623
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 12.9 8.0 12.0#

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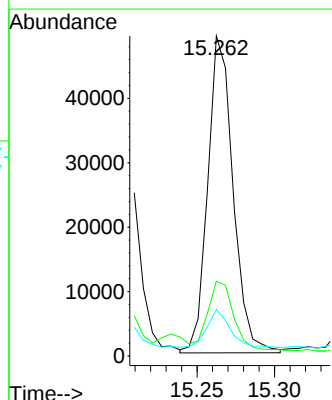
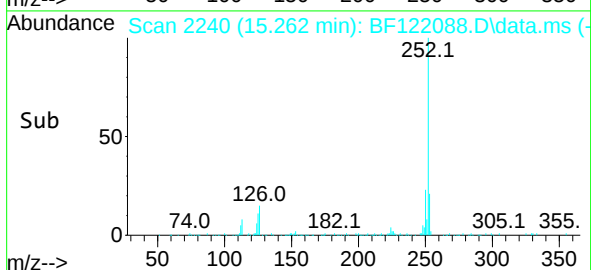
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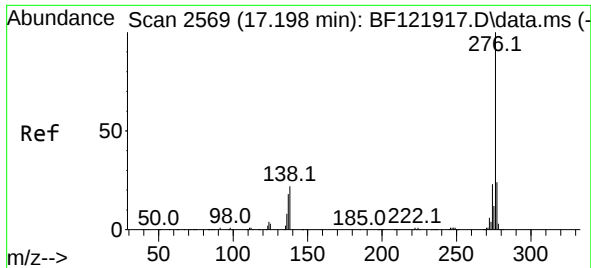


#90
Benzo(a)pyrene
Concen: 3.81 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31

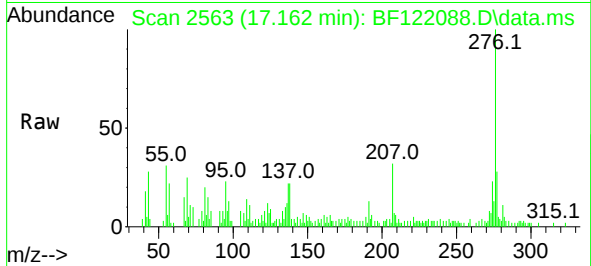


Tgt Ion:252 Resp: 56019
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 14.5 8.6 13.0#

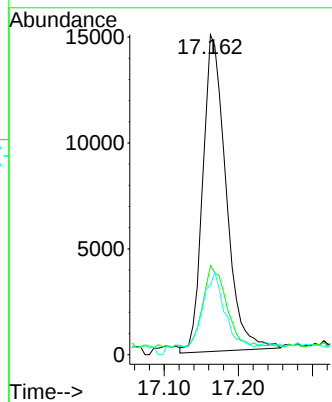
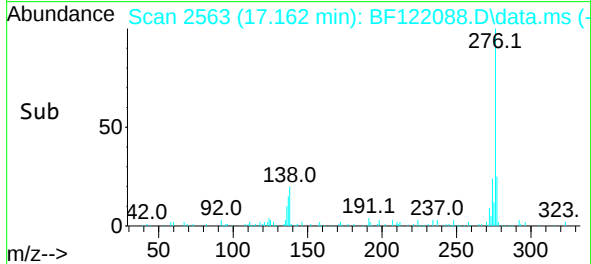




#92
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.162 min Scan# 2563
Delta R.T. 0.023 min
Lab File: BF122088.D
Acq: 22 Oct 2020 17:31



Tgt Ion:	276	Resp:	32616
Ion Ratio	Lower	Upper	
276	100		
277	27.8	19.4	29.2
138	21.7	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
33B

Manual Integrations
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