

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122249.D
 Acq On : 3 Nov 2020 19:36
 Operator : JU/CG
 Sample : L4605-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-01

Manual Integrations
 APPROVED

mohammad
 11/4/2020 11:00:59 AM

Quant Time: Nov 04 01:07:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	81096	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	322244	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	167060	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	319895	20.00	ng	0.00
76) Chrysene-d12	13.880	240	234342	20.00	ng	0.00
86) Perylene-d12	15.321	264	221457	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	490329	89.24	ng	0.00
7) Phenol-d6	6.369	99	628933	88.92	ng	0.00
23) Nitrobenzene-d5	7.281	82	398470	63.42	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	181996	88.07	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	714748	62.95	ng	-0.01
79) Terphenyl-d14	12.815	244	726920	59.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.386	94	30926	4.24	ng	# 80
50) Dimethylphthalate	9.474	163	105257	8.62	ng	100
71) Phenanthrene	11.257	178	45806	2.61	ng	98
75) Fluoranthene	12.451	202	120344	6.40	ng	97
78) Pyrene	12.680	202	104304	5.84	ng	99
81) Benzo(a)anthracene	13.874	228	38023	2.48	ng	95
83) Chrysene	13.909	228	60360	4.00	ng	97
87) Indeno(1,2,3-cd)pyrene	16.768	276	32388	2.25	ng	94
88) Benzo(b)fluoranthene	14.915	252	64955m	4.34	ng	
90) Benzo(a)pyrene	15.274	252	40688	3.15	ng	97
92) Benzo(g,h,i)perylene	17.203	276	29186	2.46	ng	98

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

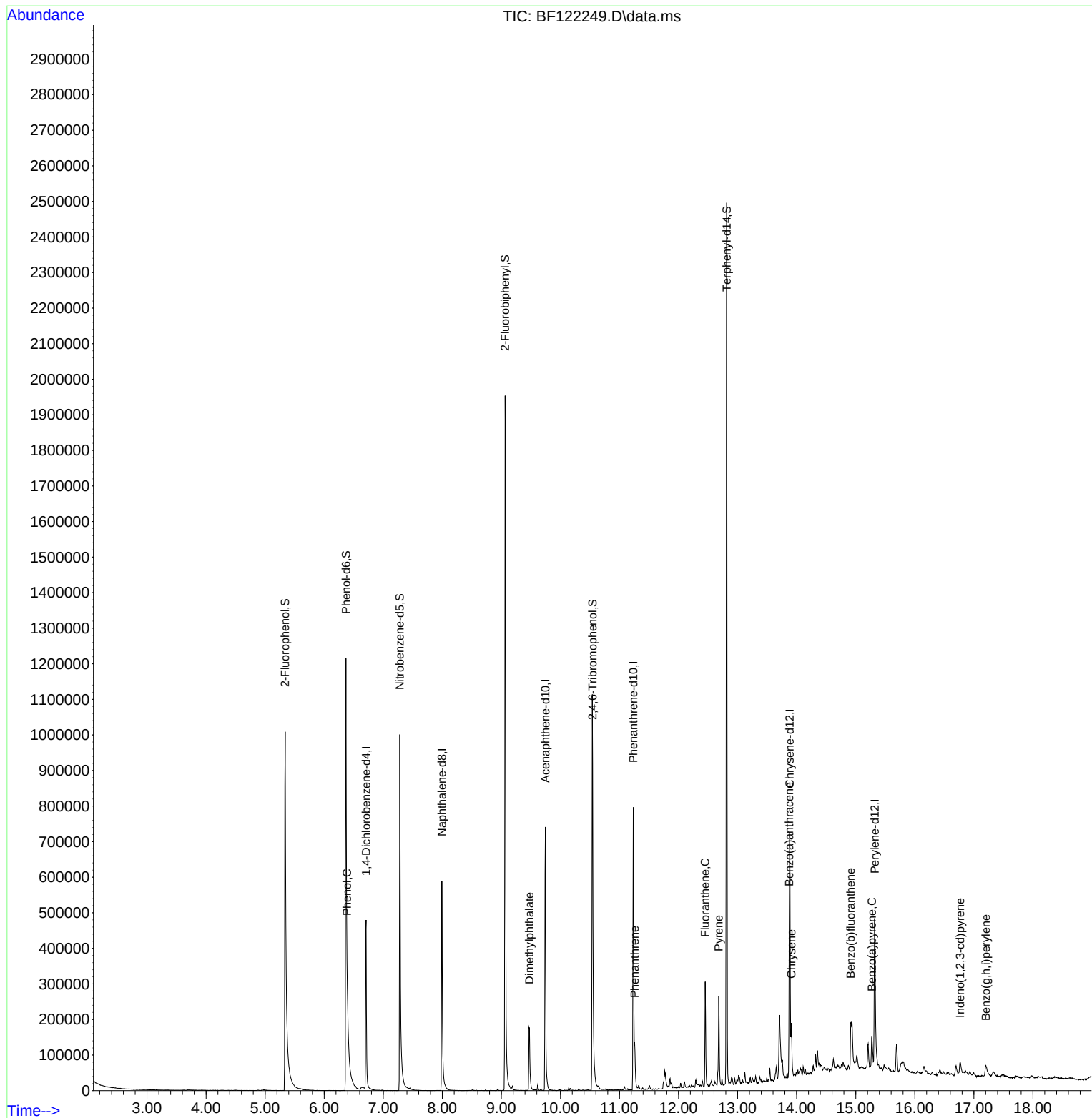
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
Data File : BF122249.D
Acq On : 3 Nov 2020 19:36
Operator : JU/CG
Sample : L4605-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

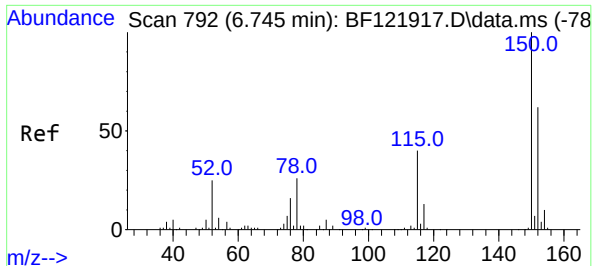
Instrument :
BNA_F
ClientSampleId :
CRT-01

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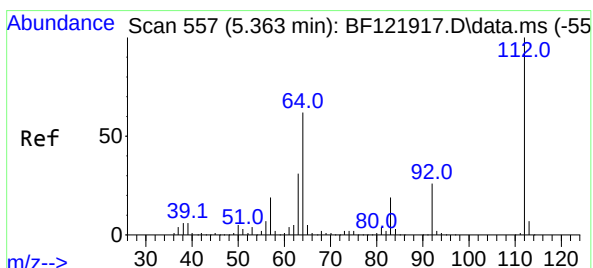
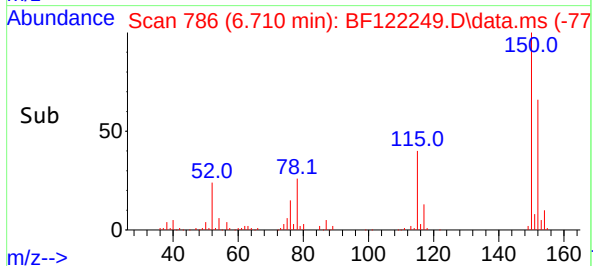
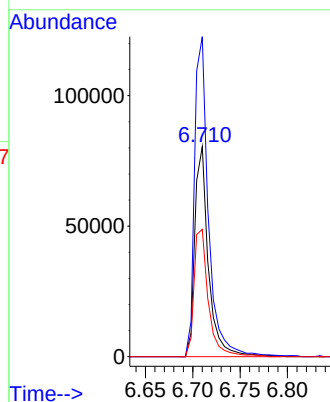
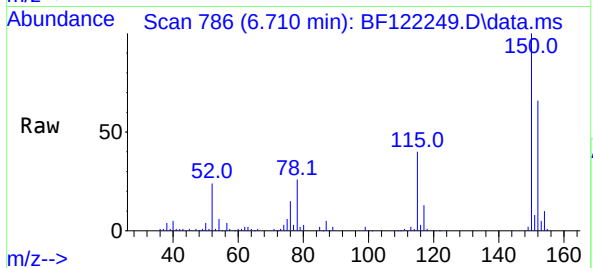
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:152 Resp: 81096
Ion Ratio Lower Upper
152 100
150 152.4 125.3 187.9
115 60.7 51.9 77.9

Instrument :
BNA_F
ClientSampled :
CRT-01

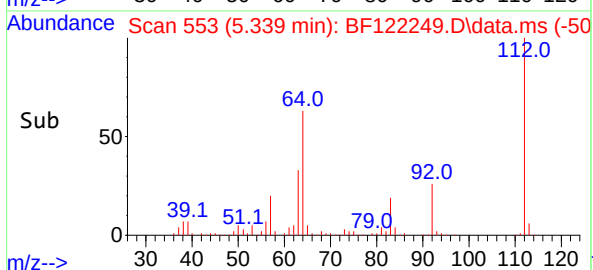
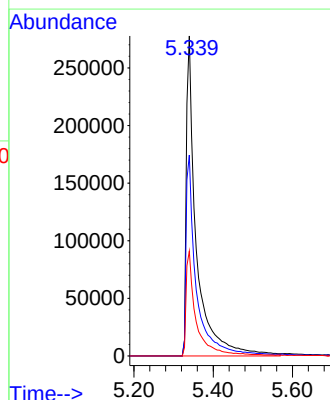
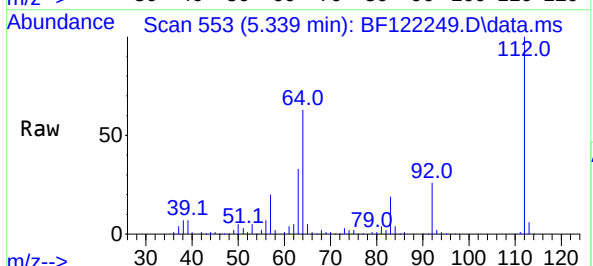
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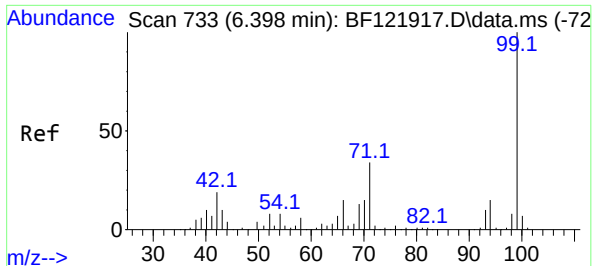
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#5
2-Fluorophenol
Concen: 89.24 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:112 Resp: 490329
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 32.7 25.8 38.6





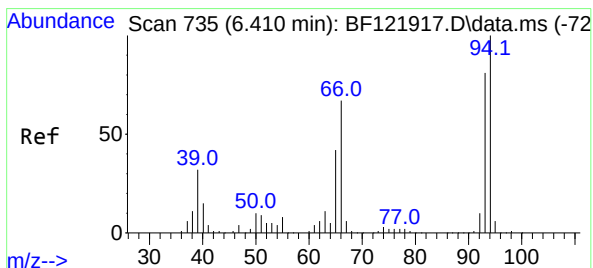
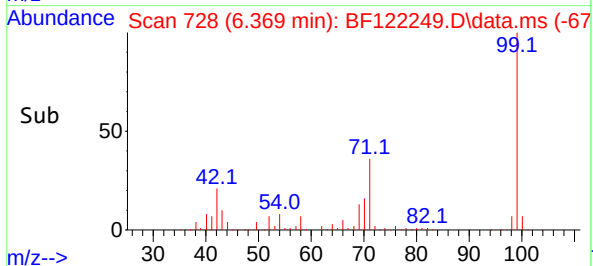
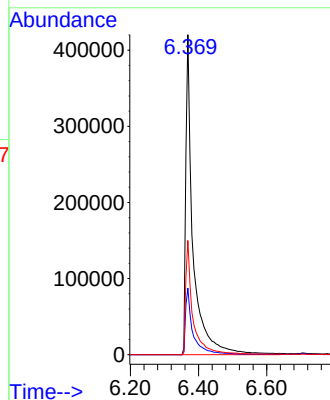
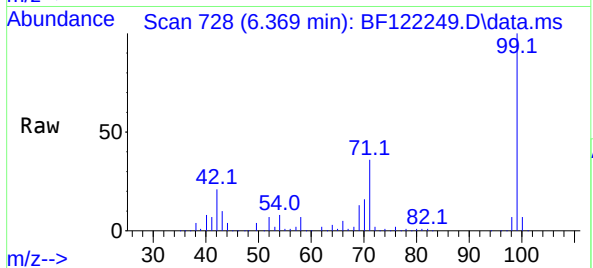
#7
Phenol-d6
Concen: 88.92 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion: 99 Resp: 628933
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.7 27.1 40.7

Instrument :
BNA_F
ClientSampled :
CRT-01

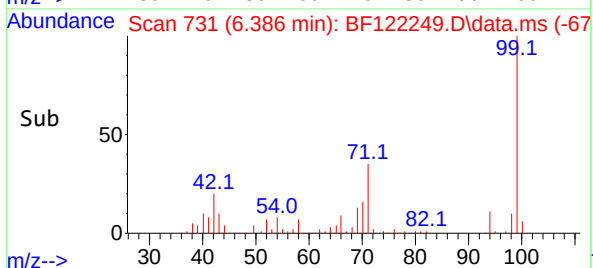
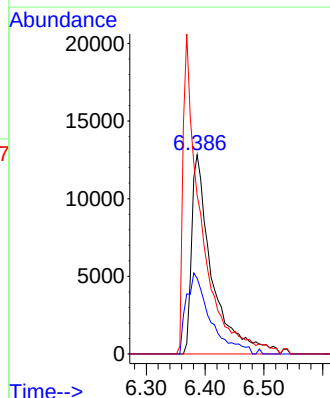
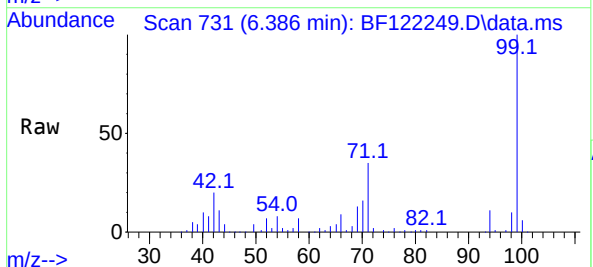
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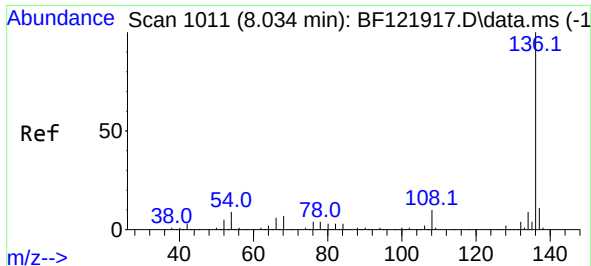
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#10
Phenol
Concen: 4.24 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion: 94 Resp: 30926
Ion Ratio Lower Upper
94 100
65 37.9 17.1 57.1
66 79.6 36.0 76.0#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

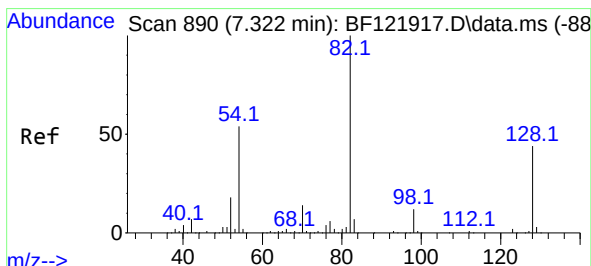
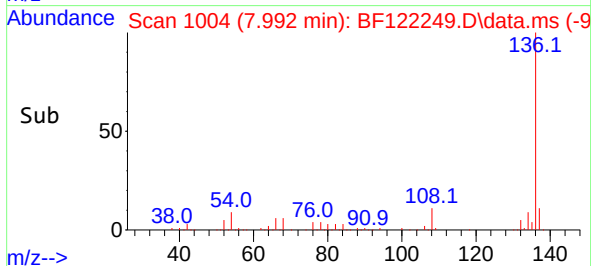
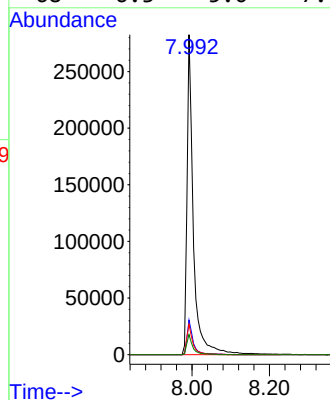
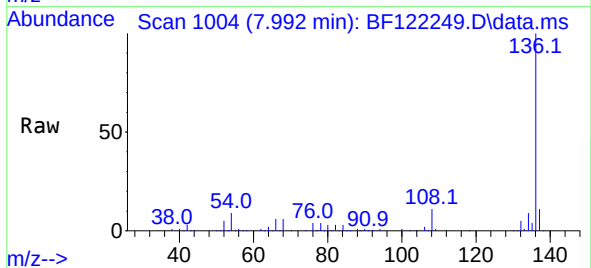
Tgt Ion: 136 Resp: 322244

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	7.1	10.7
68	6.3	5.0	7.4

Instrument :
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ClientSampled :
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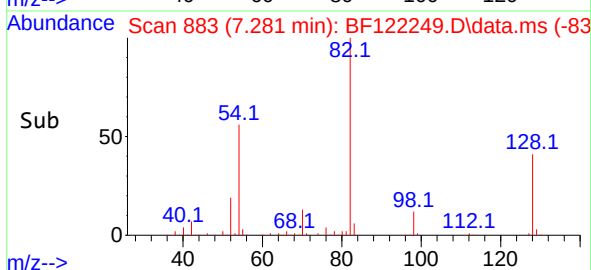
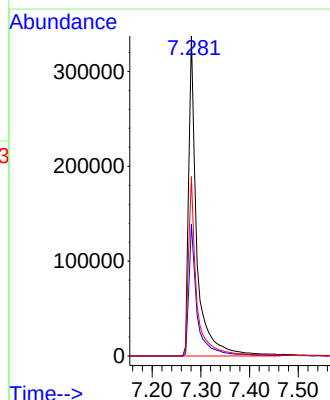
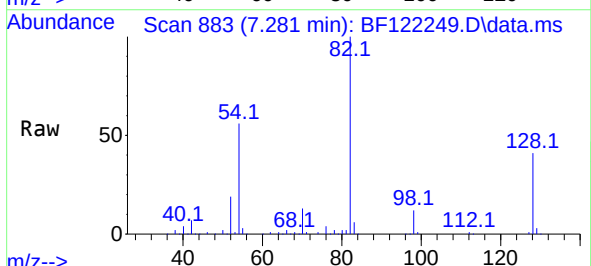
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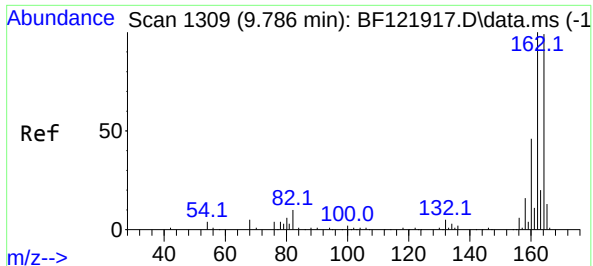


#23
Nitrobenzene-d5
Concen: 63.42 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion: 82 Resp: 398470

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	56.1	43.9	65.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122249.D

Acq: 3 Nov 2020 19:36

Tgt Ion:164 Resp: 167060

Ion Ratio Lower Upper

164 100

162 105.8 83.2 124.8

160 46.9 37.5 56.3

Instrument :

BNA_F

ClientSampled :

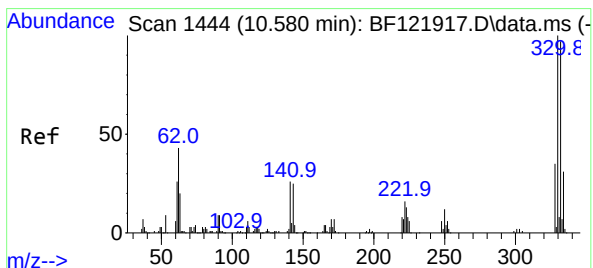
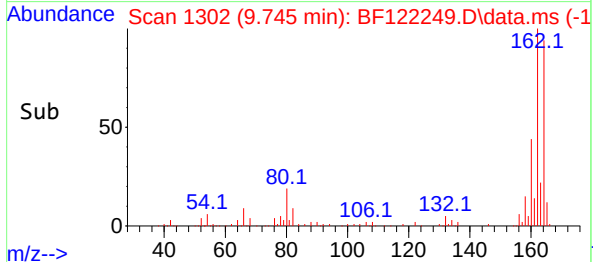
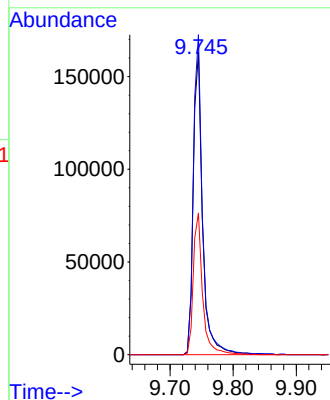
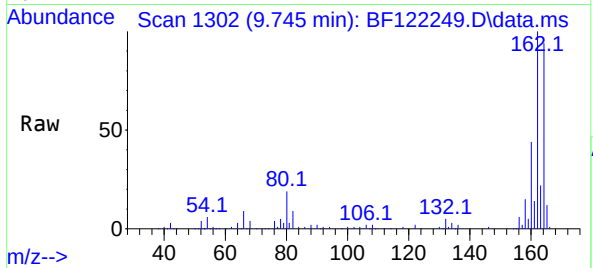
CRT-01

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#42

2,4,6-Tribromophenol

Concen: 88.07 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF122249.D

Acq: 3 Nov 2020 19:36

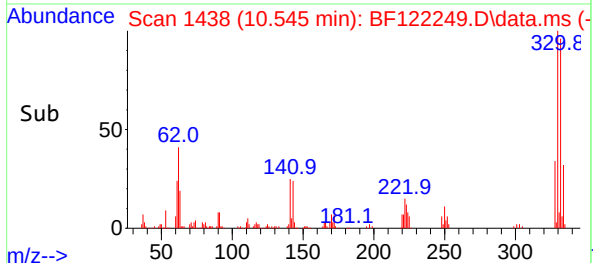
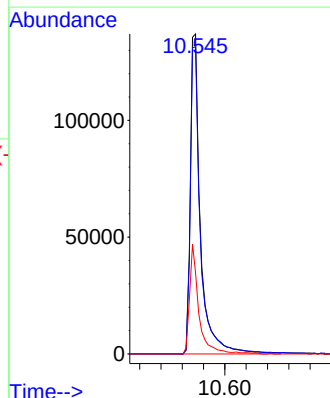
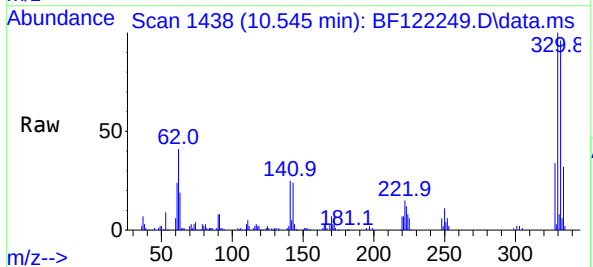
Tgt Ion:330 Resp: 181996

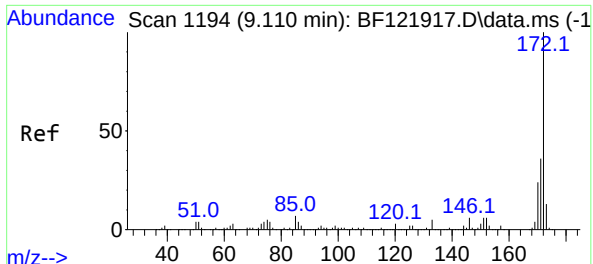
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.2 22.3 33.5





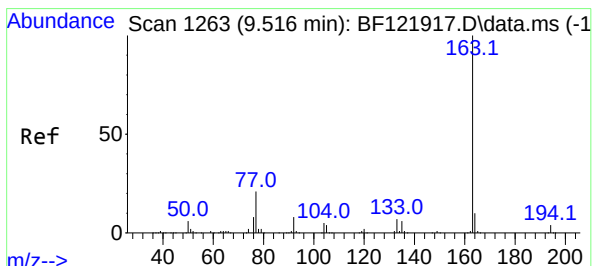
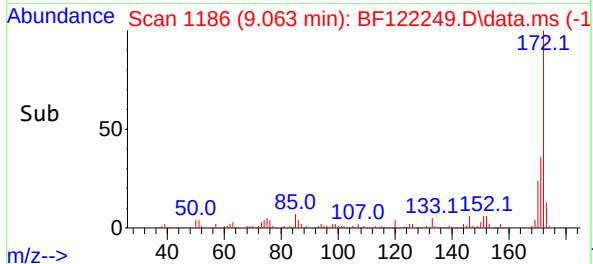
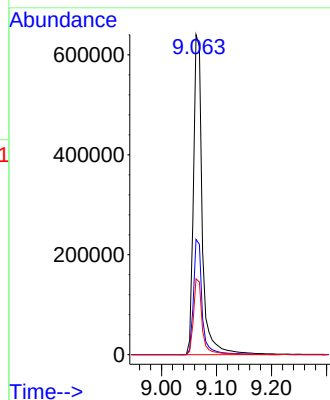
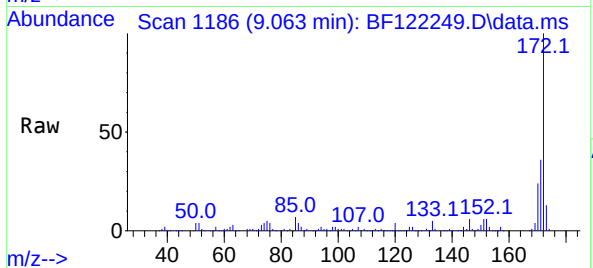
#45
2-Fluorobiphenyl
Concen: 62.95 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:172 Resp: 714748
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 23.7 19.8 29.6

Instrument :
BNA_F
ClientSampled :
CRT-01

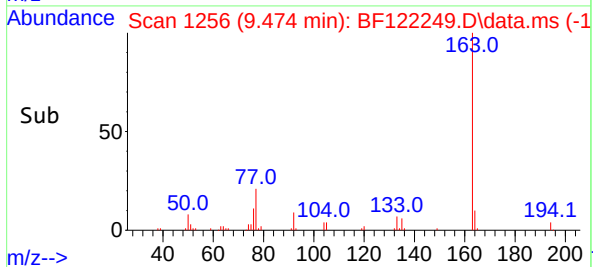
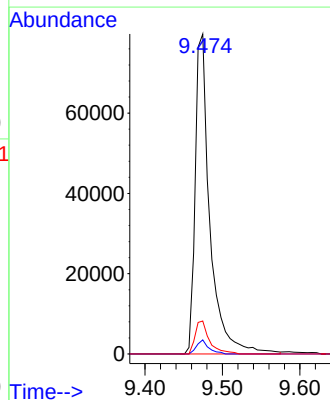
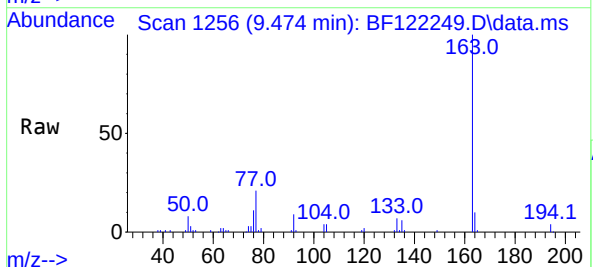
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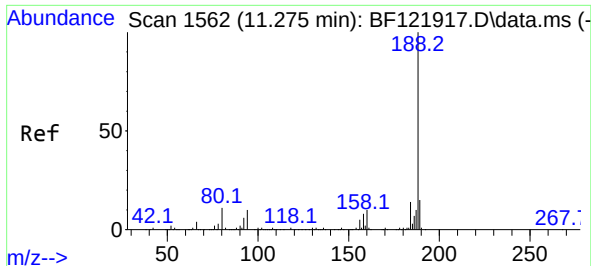
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#50
Dimethylphthalate
Concen: 8.62 ng
RT: 9.474 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

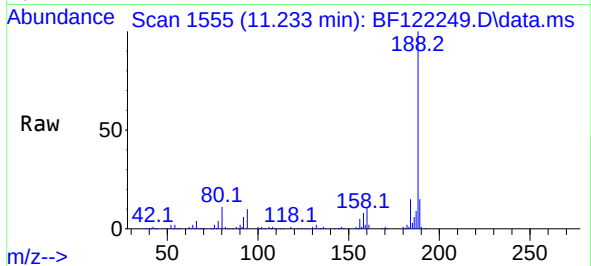
Tgt Ion:163 Resp: 105257
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

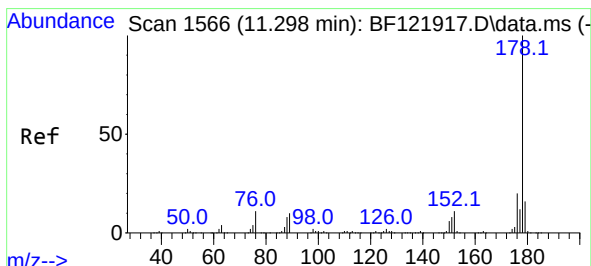
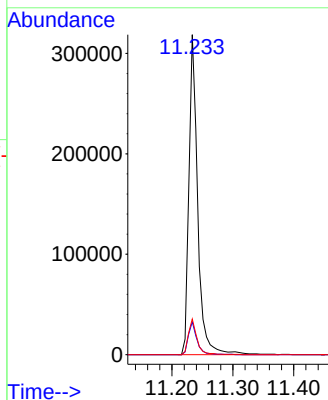
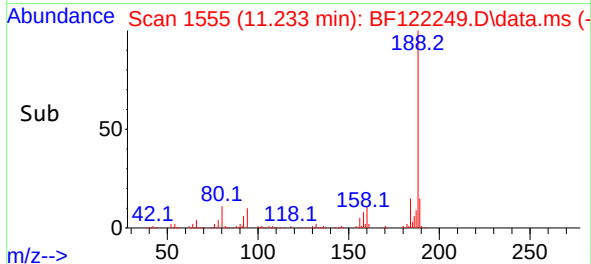
Instrument :
BNA_F
ClientSampled :
CRT-01



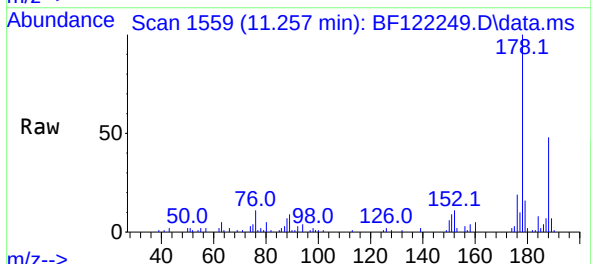
Tgt Ion:188 Resp: 319895
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.2 9.1 13.7

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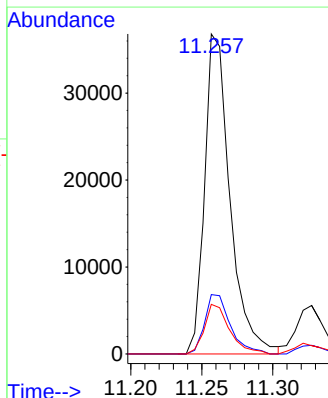
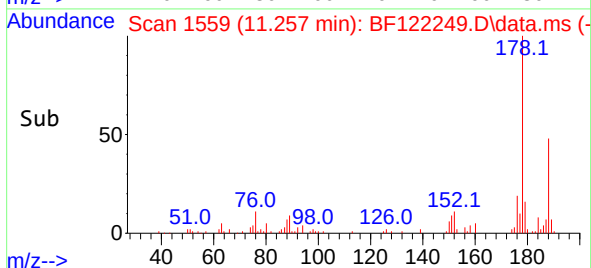
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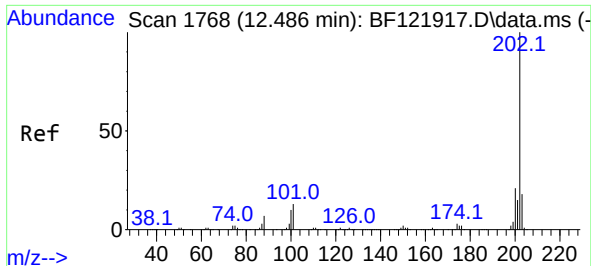


#71
Phenanthrene
Concen: 2.61 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36



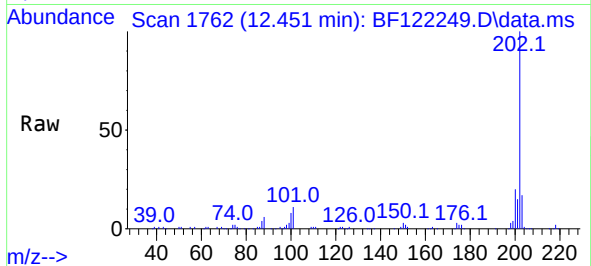
Tgt Ion:178 Resp: 45806
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.5 12.2 18.4





#75
Fluoranthene
Concen: 6.40 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

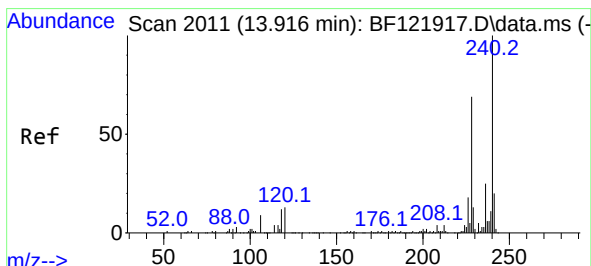
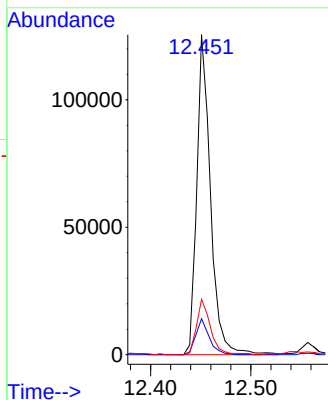
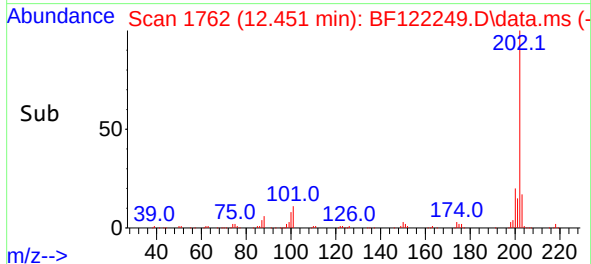
Instrument :
BNA_F
ClientSampleId :
CRT-01



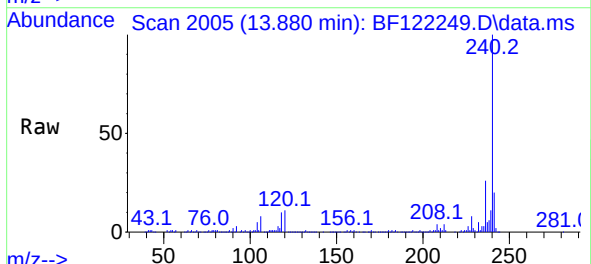
Tgt Ion:202 Resp: 120344
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.4
203 17.3 0.0 37.9

Manual Integrations
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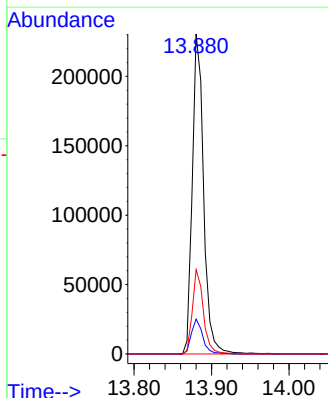
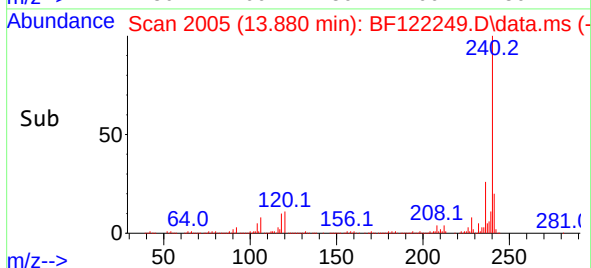
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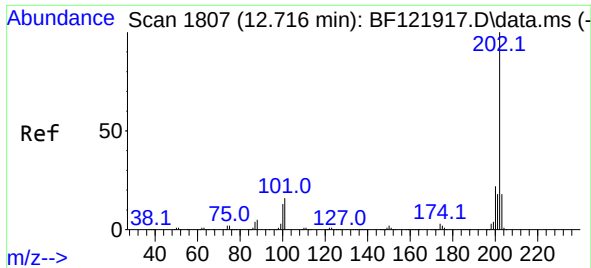


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36



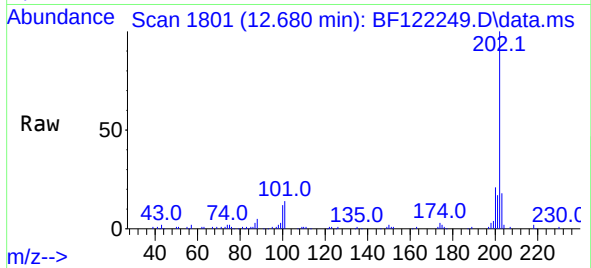
Tgt Ion:240 Resp: 234342
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 26.4 20.9 31.3





#78
Pyrene
Concen: 5.84 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

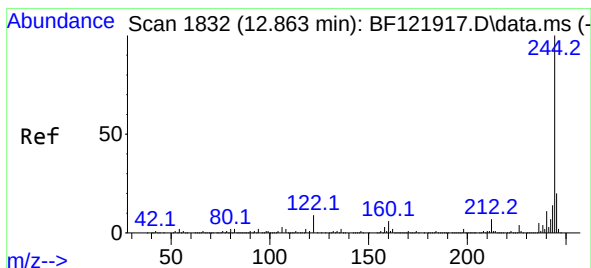
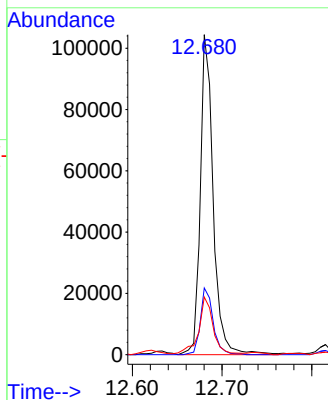
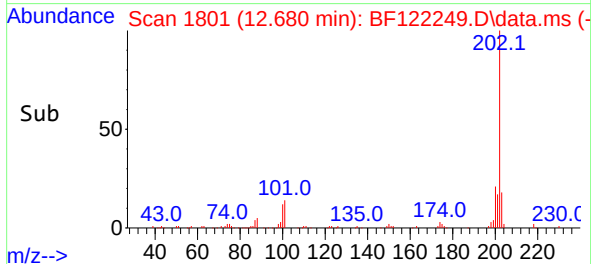
Instrument :
BNA_F
ClientSampled :
CRT-01



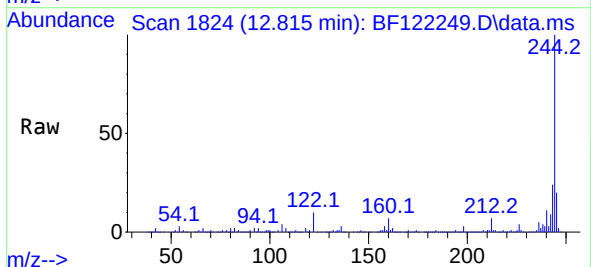
Tgt Ion:202 Resp: 104304
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.0 14.6 21.8

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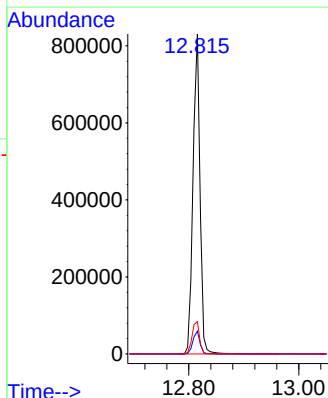
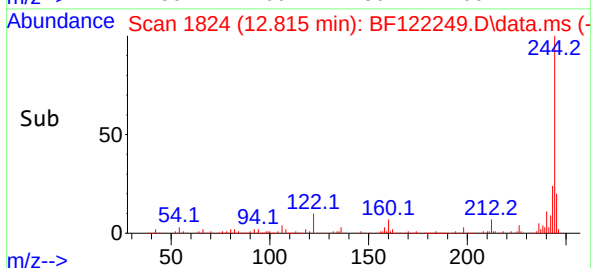
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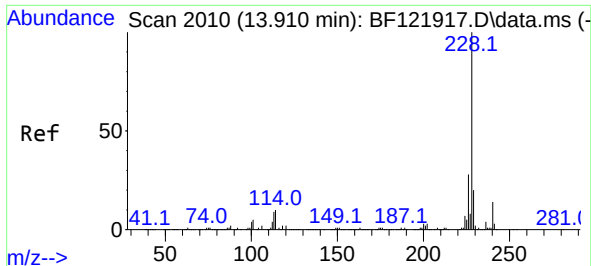


#79
Terphenyl-d14
Concen: 59.12 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

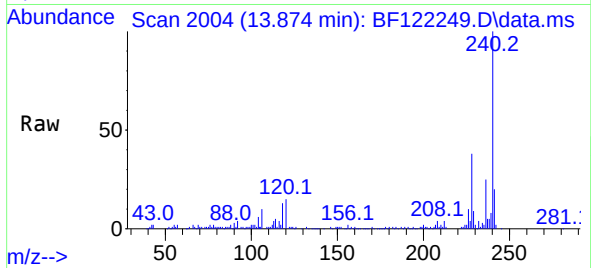


Tgt Ion:244 Resp: 726920
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.1 8.1 12.1

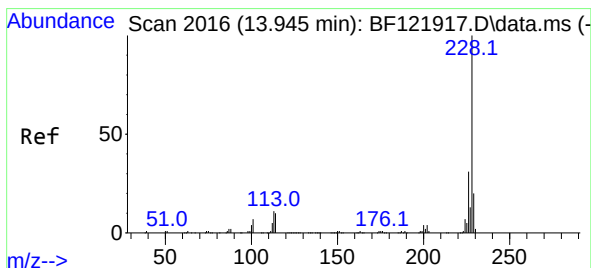
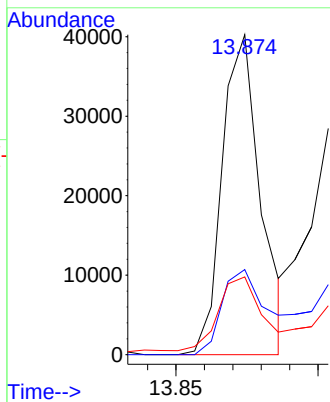
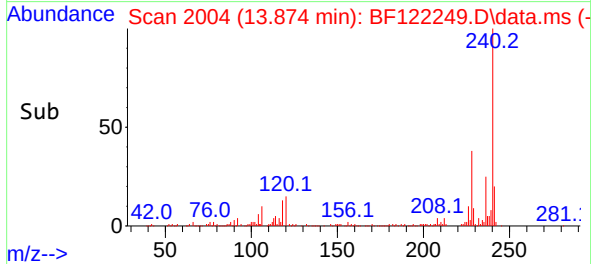




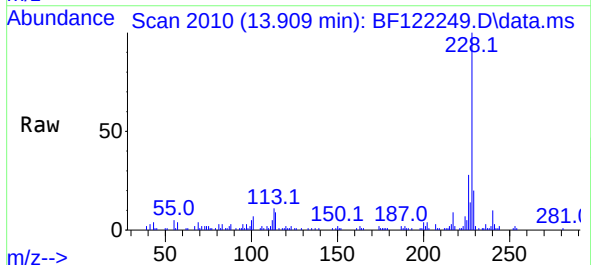
#81
Benzo(a)anthracene
Concen: 2.48 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36



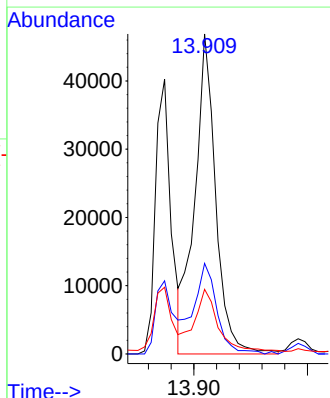
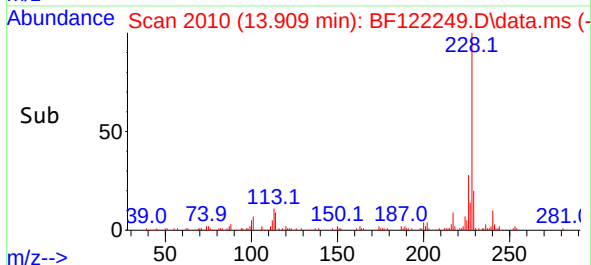
Tgt Ion:228 Resp: 38023
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 24.3 16.2 24.4



#83
Chrysene
Concen: 4.00 ng
RT: 13.909 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36



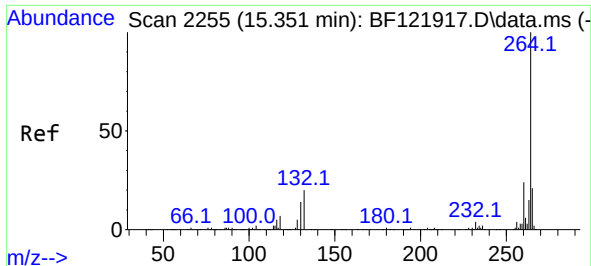
Tgt Ion:228 Resp: 60360
Ion Ratio Lower Upper
228 100
226 28.3 24.6 37.0
229 20.2 15.9 23.9



Instrument :
BNA_F
ClientSampleId :
CRT-01

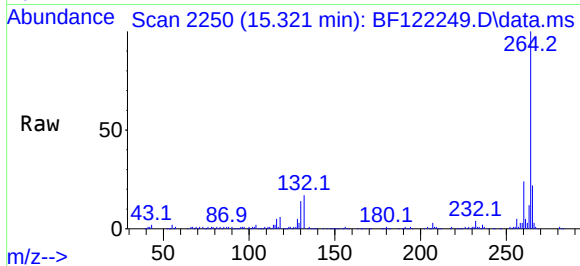
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.017 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

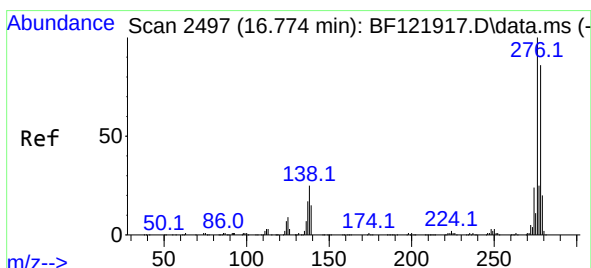
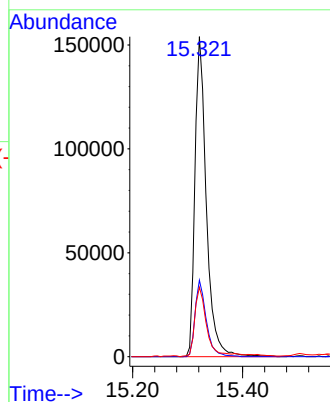
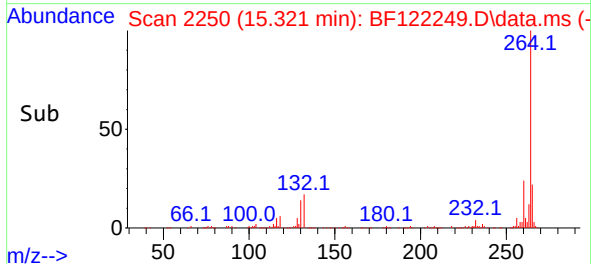
Instrument :
BNA_F
ClientSampled :
CRT-01



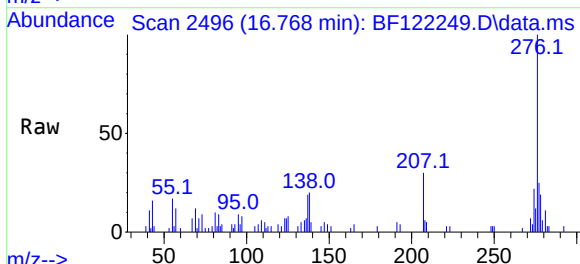
Tgt Ion:264 Resp: 221457
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.7 17.3 25.9

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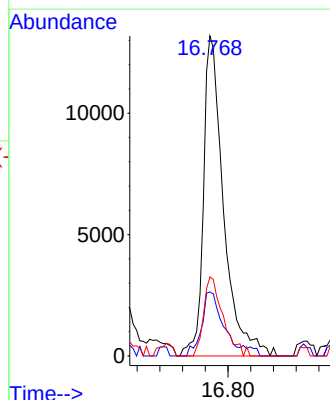
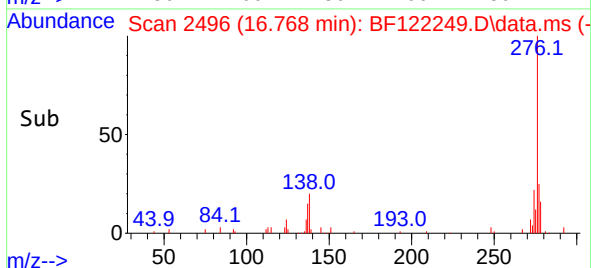
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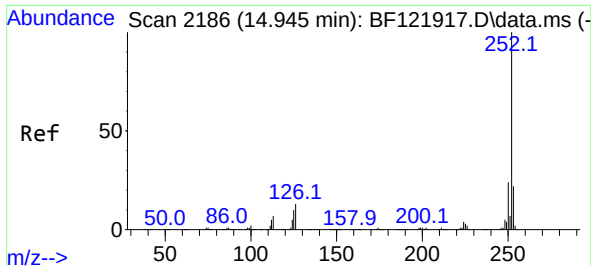


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.053 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36



Tgt Ion:276 Resp: 32388
Ion Ratio Lower Upper
276 100
138 21.0 19.9 29.9
277 23.7 20.4 30.6





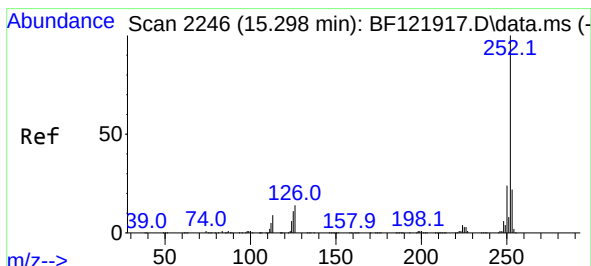
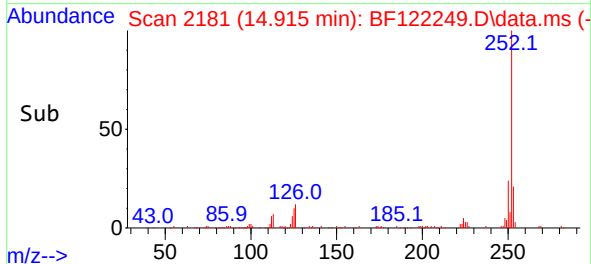
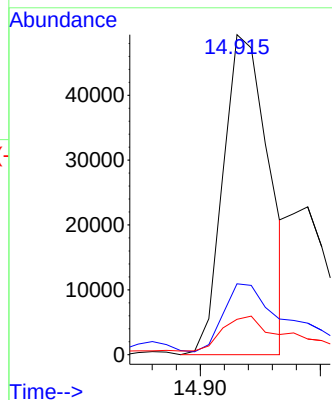
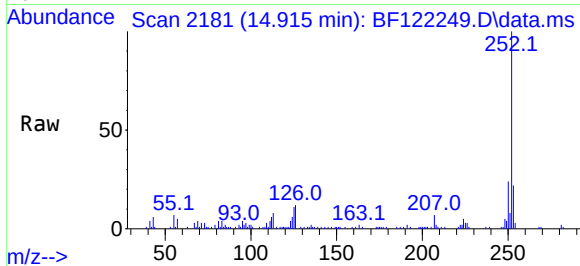
#88
Benzo(b)fluoranthene
Concen: 4.34 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.017 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:252 Resp: 64955
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.0 8.0 12.0

Instrument :
BNA_F
ClientSampled :
CRT-01

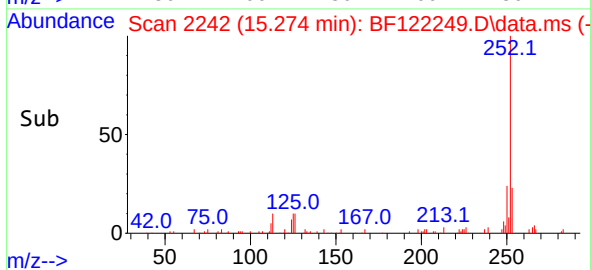
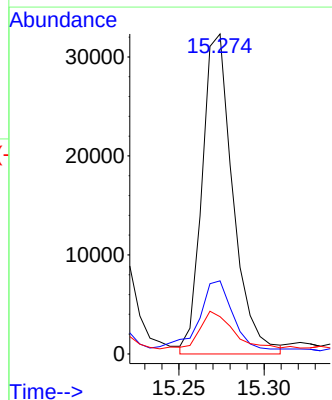
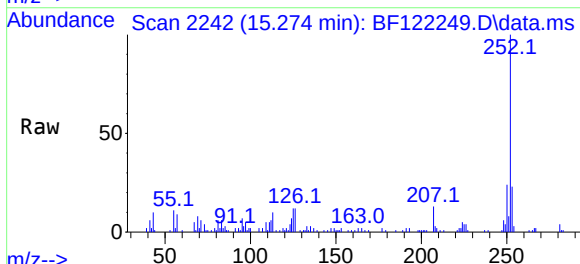
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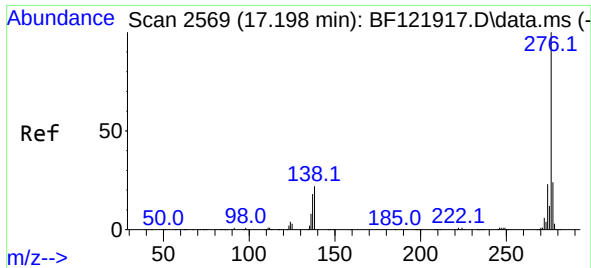
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#90
Benzo(a)pyrene
Concen: 3.15 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.023 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:252 Resp: 40688
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.6 8.6 13.0





#92
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 17.203 min Scan# 2570
Delta R.T. 0.070 min
Lab File: BF122249.D
Acq: 3 Nov 2020 19:36

Tgt Ion:	276	Resp:	29186
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.4	29.2
138	20.4	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
CRT-01

Manual Integrations
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