

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122240.D
 Acq On : 3 Nov 2020 15:00
 Operator : JU/CG
 Sample : L4609-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12016

Manual Integrations
 APPROVED

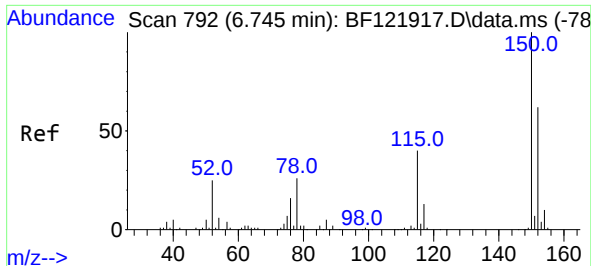
mohammad
 11/4/2020 11:00:54 AM

Quant Time: Nov 04 01:02:35 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

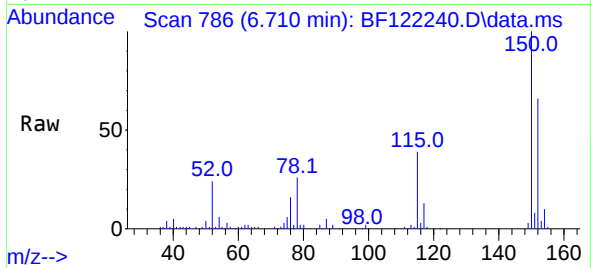
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	77393	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	300375	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	150717	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	268891	20.00	ng	0.00
76) Chrysene-d12	13.880	240	179746	20.00	ng	0.00
86) Perylene-d12	15.321	264	186761	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	570870	108.87	ng	0.00
7) Phenol-d6	6.369	99	718282	106.41	ng	0.00
23) Nitrobenzene-d5	7.281	82	460430	78.61	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	193811	103.95	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	755529	73.76	ng	-0.01
79) Terphenyl-d14	12.816	244	656026	69.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.387	94	28069	4.03	ng	# 73
50) Dimethylphthalate	9.469	163	134902	12.24	ng	99
71) Phenanthrene	11.257	178	110435	7.49	ng	99
75) Fluoranthene	12.451	202	178763	11.31	ng	98
78) Pyrene	12.680	202	158247	11.55	ng	99
81) Benzo(a)anthracene	13.874	228	64330	5.46	ng	98
83) Chrysene	13.910	228	57821	5.00	ng	98
84) Bis(2-ethylhexyl)phtha...	13.839	149	181429	24.60	ng	99
87) Indeno(1,2,3-cd)pyrene	16.768	276	36857	3.04	ng	96
88) Benzo(b)fluoranthene	14.916	252	71590m	5.67	ng	
90) Benzo(a)pyrene	15.274	252	52401	4.81	ng	99
92) Benzo(g,h,i)perylene	17.204	276	36290	3.63	ng	97

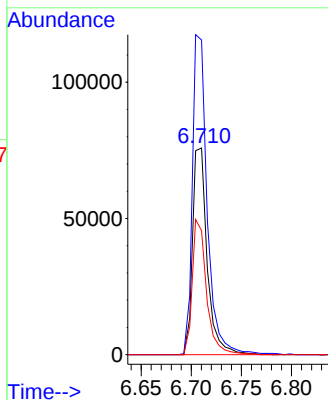
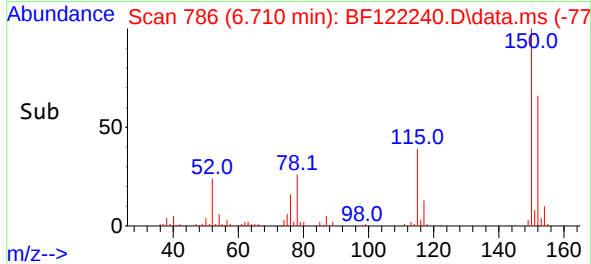
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



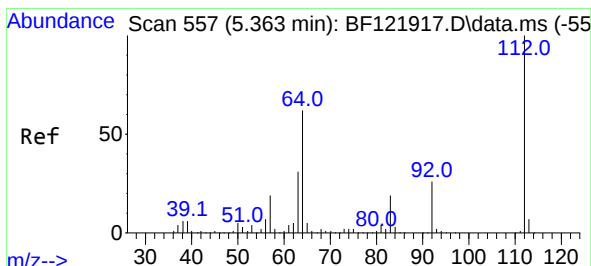
Tgt Ion:152 Resp: 77393
Ion Ratio Lower Upper
152 100
150 152.2 125.3 187.9
115 60.0 51.9 77.9



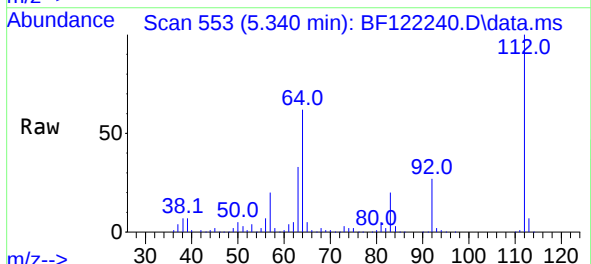
Instrument :
BNA_F
ClientSampled :
12016

Manual Integrations
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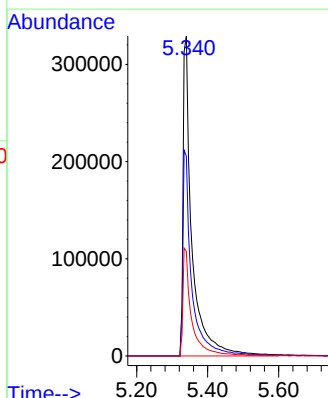
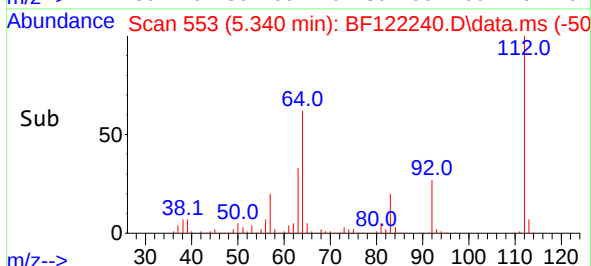
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#5
2-Fluorophenol
Concen: 108.87 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

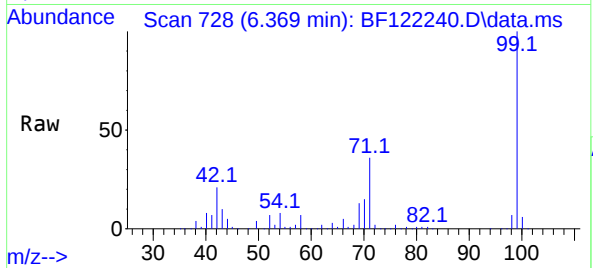


Tgt Ion:112 Resp: 570870
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 32.6 25.8 38.6

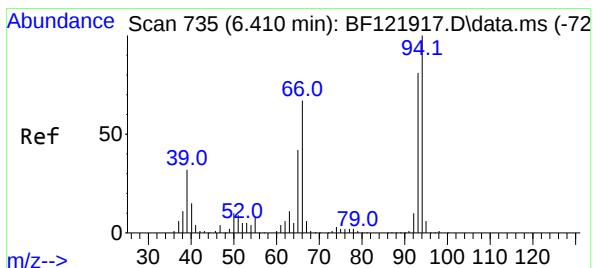
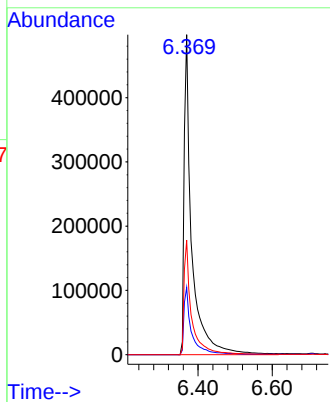
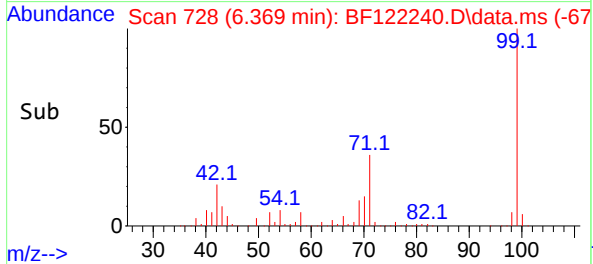




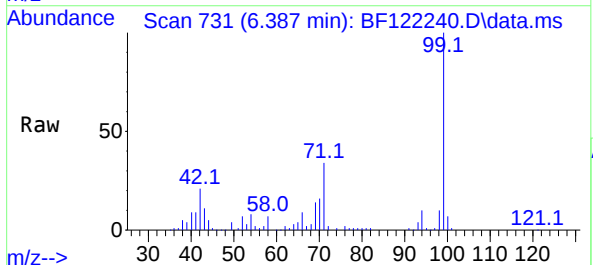
#7
Phenol-d6
Concen: 106.41 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



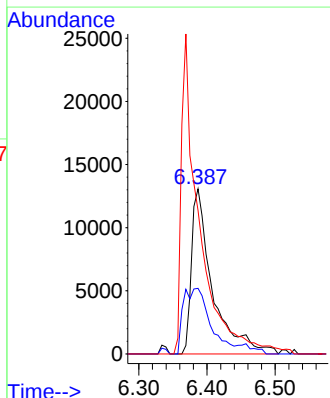
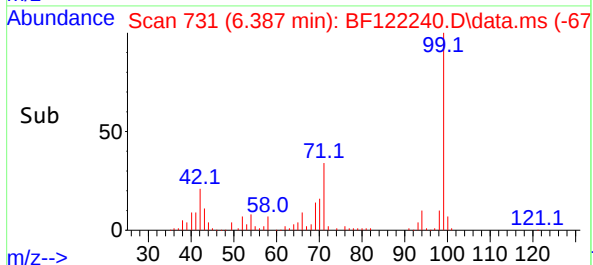
Tgt Ion: 99 Resp: 718282
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 35.8 27.1 40.7



#10
Phenol
Concen: 4.03 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



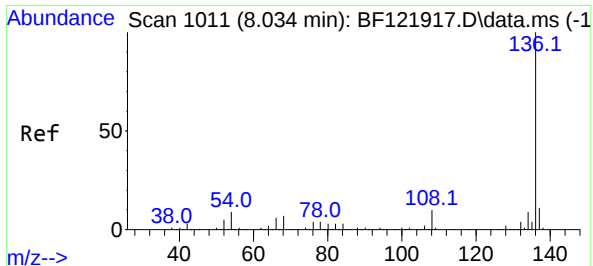
Tgt Ion: 94 Resp: 28069
Ion Ratio Lower Upper
94 100
65 39.8 17.1 57.1
66 86.9 36.0 76.0#



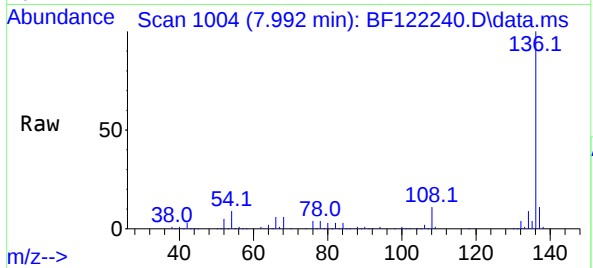
Instrument :
BNA_F
ClientSampled :
12016

Manual Integrations
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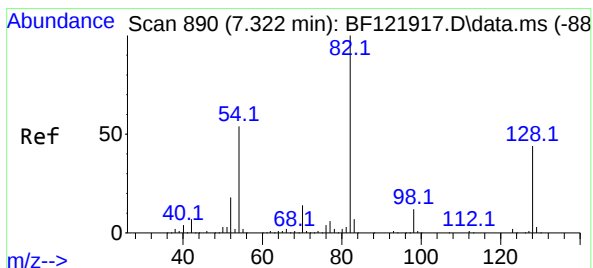
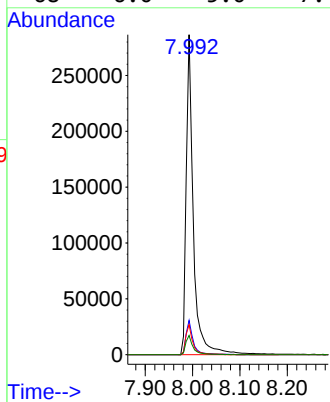
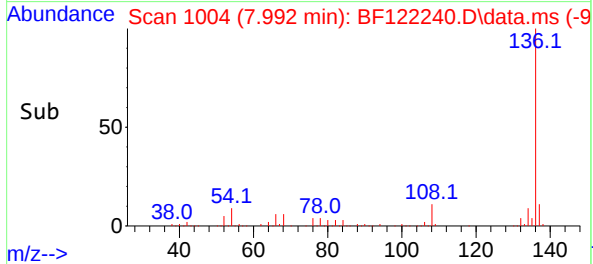
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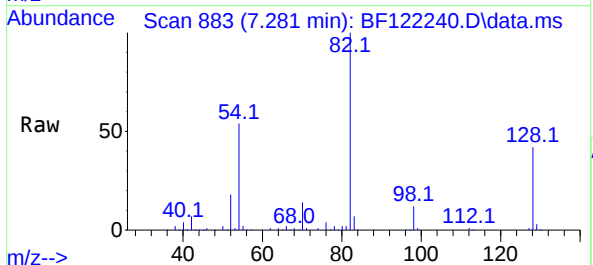
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



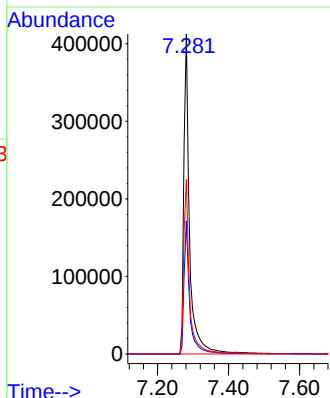
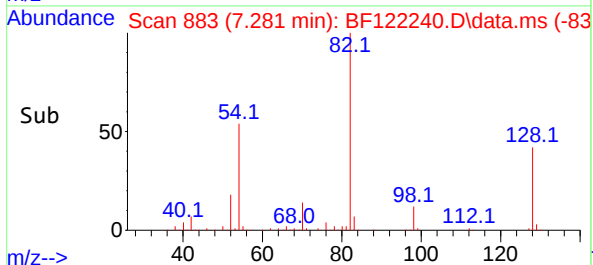
Tgt Ion: 136 Resp: 300375
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 7.1 10.7
68 6.0 5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.61 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



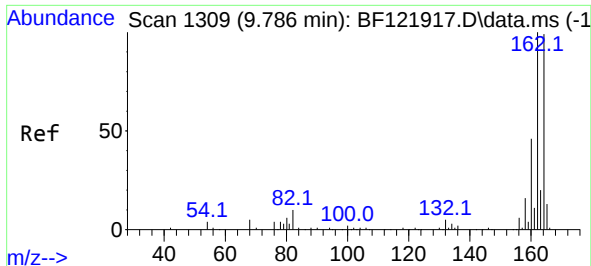
Tgt Ion: 82 Resp: 460430
Ion Ratio Lower Upper
82 100
128 41.6 35.0 52.4
54 54.5 43.9 65.9



Instrument :
BNA_F
ClientSampled :
12016

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122240.D

Acq: 3 Nov 2020 15:00

Tgt Ion:164 Resp: 150717

Ion Ratio Lower Upper

164 100

162 101.3 83.2 124.8

160 46.3 37.5 56.3

Instrument :

BNA_F

ClientSampled :

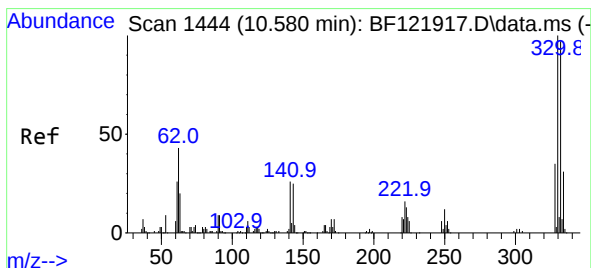
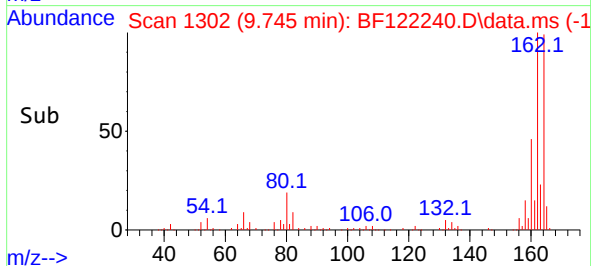
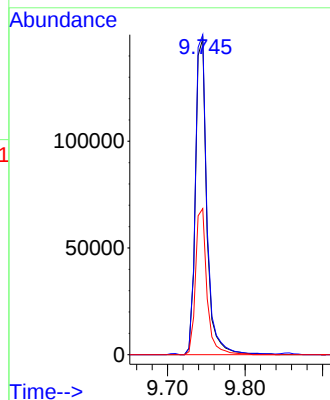
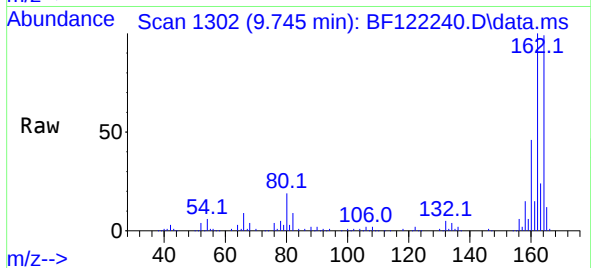
12016

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 103.95 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF122240.D

Acq: 3 Nov 2020 15:00

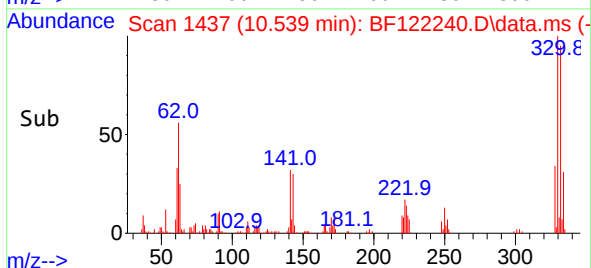
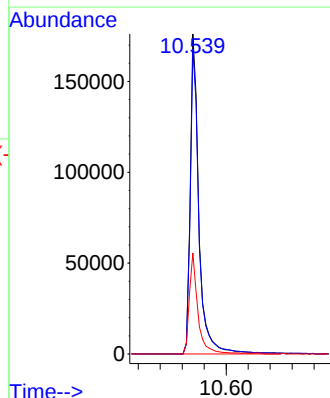
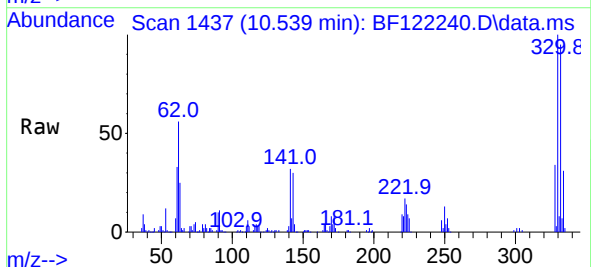
Tgt Ion:330 Resp: 193811

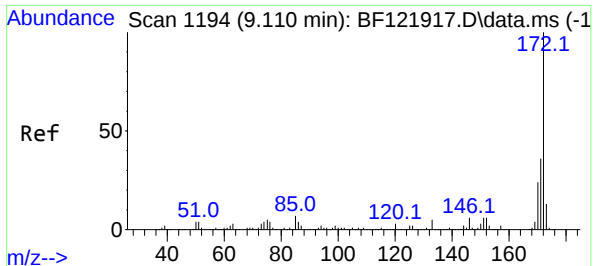
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.2 22.3 33.5





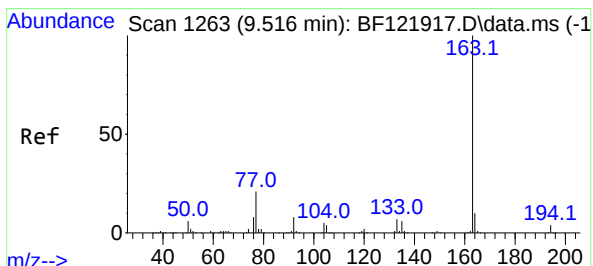
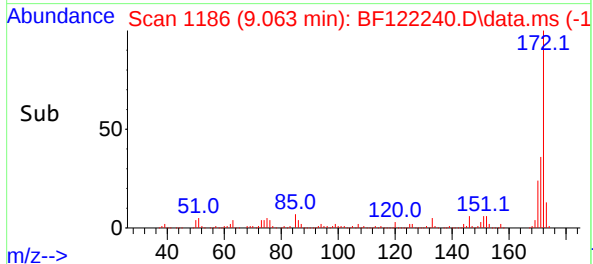
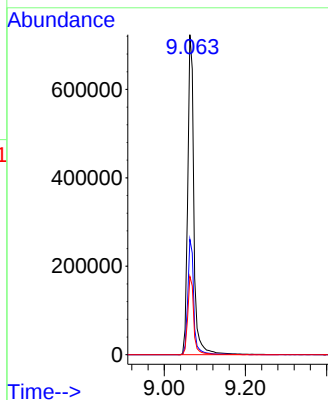
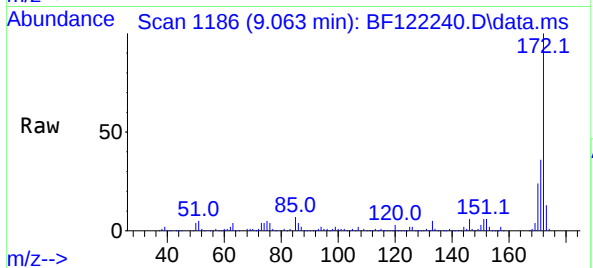
#45
2-Fluorobiphenyl
Concen: 73.76 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

Instrument :
BNA_F
ClientSampled :
12016

Tgt Ion:172 Resp: 755529
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.4 19.8 29.6

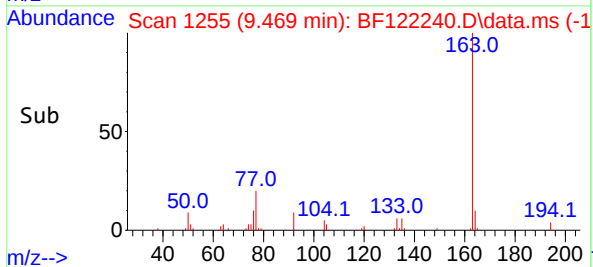
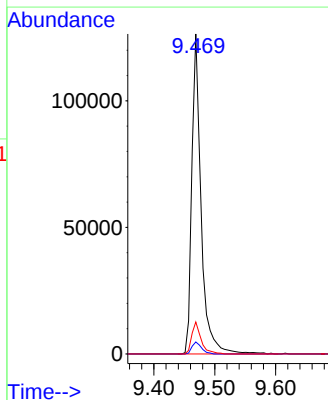
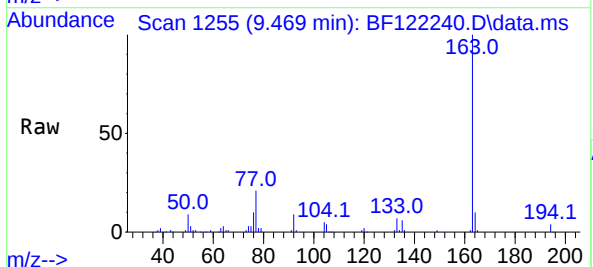
Manual Integrations
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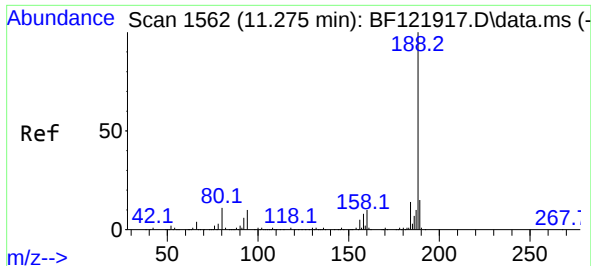
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#50
Dimethylphthalate
Concen: 12.24 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

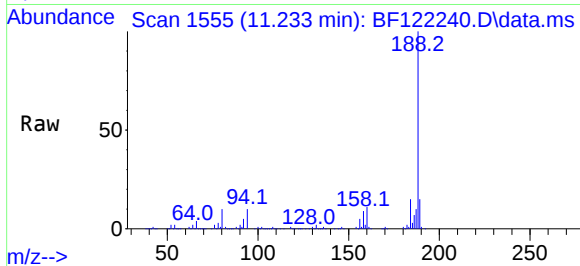
Tgt Ion:163 Resp: 134902
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

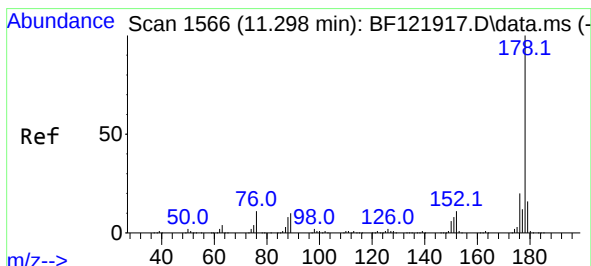
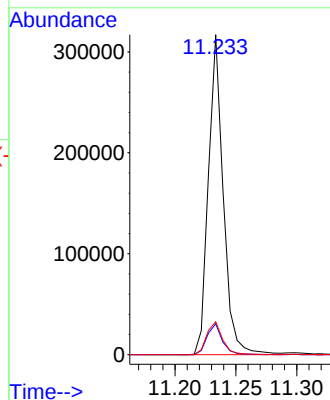
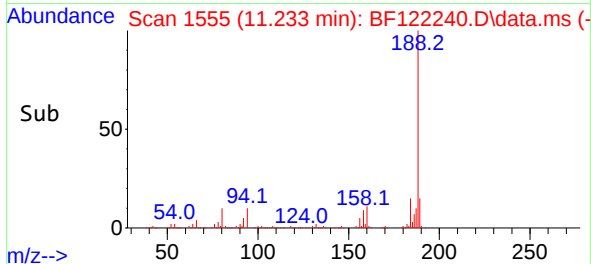
Instrument :
BNA_F
ClientSampled :
12016



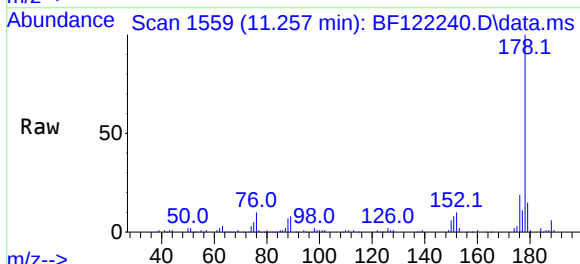
Tgt Ion:188 Resp: 268891
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 9.1 13.7

Manual Integrations
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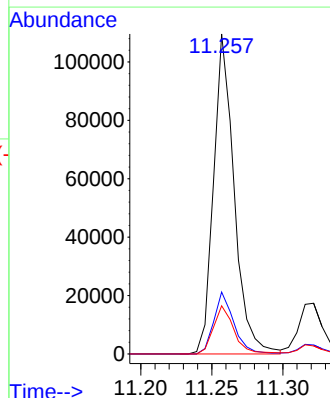
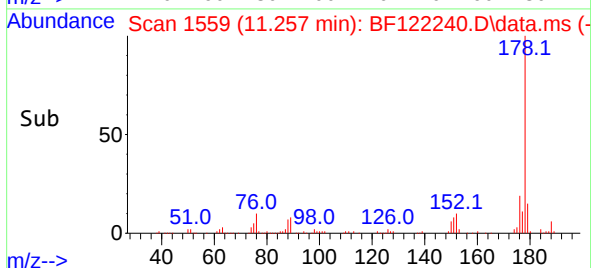
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11/4/2020 11:00:54 AM

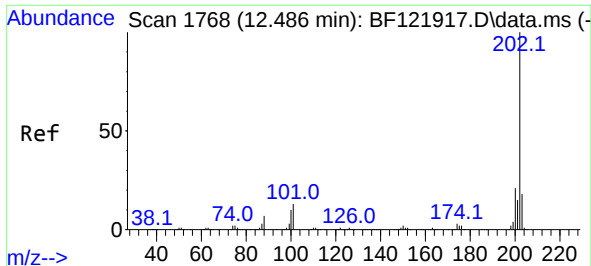


#71
Phenanthrene
Concen: 7.49 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



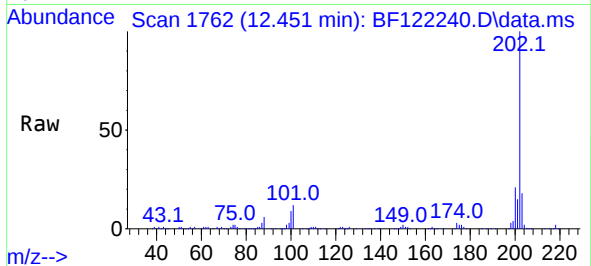
Tgt Ion:178 Resp: 110435
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.1 12.2 18.4





#75
Fluoranthene
Concen: 11.31 ng
RT: 12.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

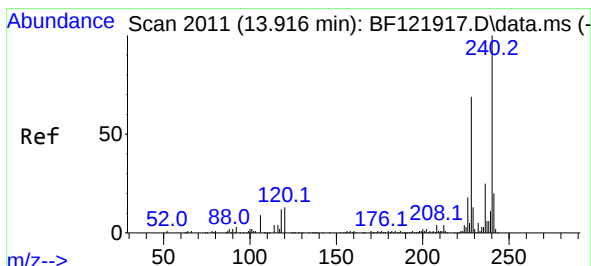
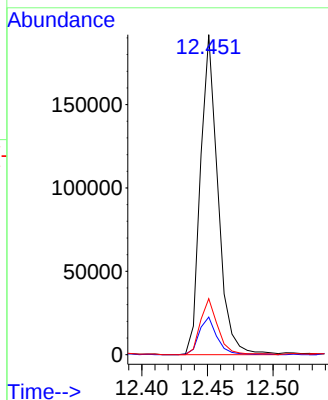
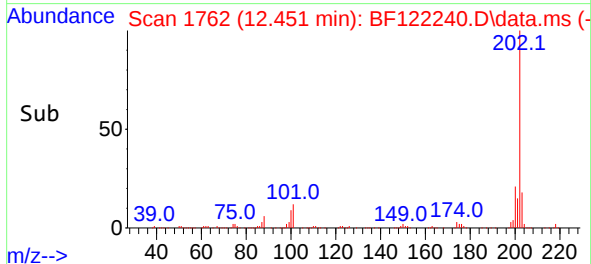
Instrument :
BNA_F
ClientSampled :
12016



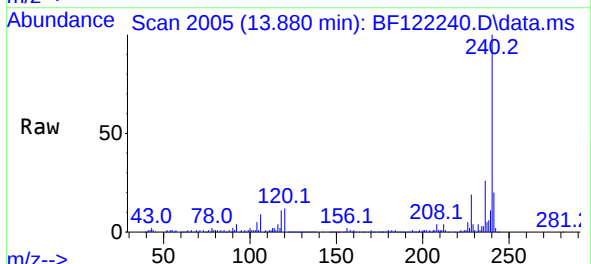
Tgt Ion:202 Resp: 178763
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 17.5 0.0 37.9

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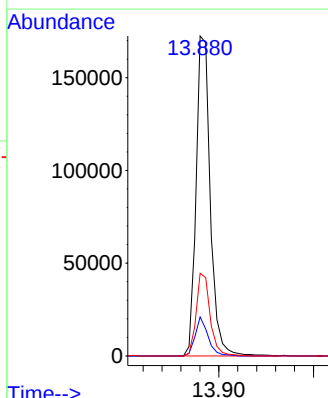
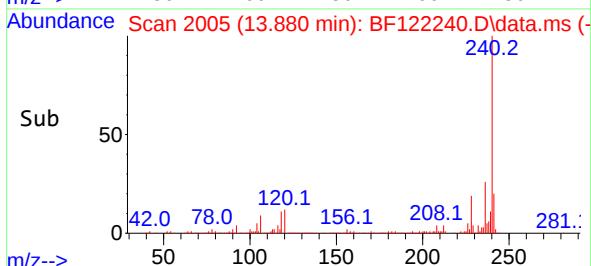
mohammad
11/4/2020 11:00:54 AM

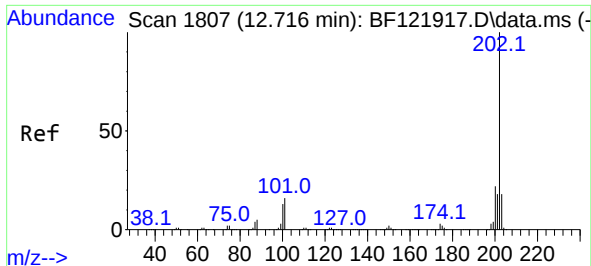


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

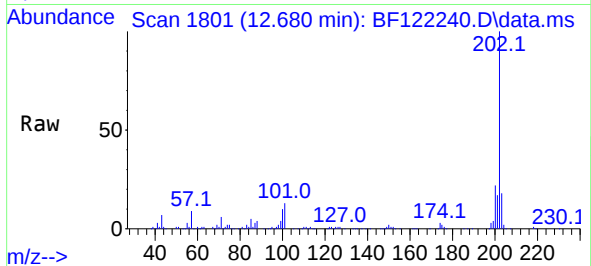


Tgt Ion:240 Resp: 179746
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.8 20.9 31.3

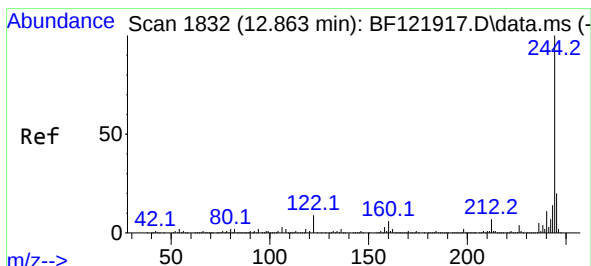
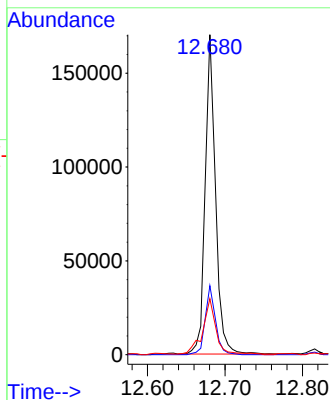
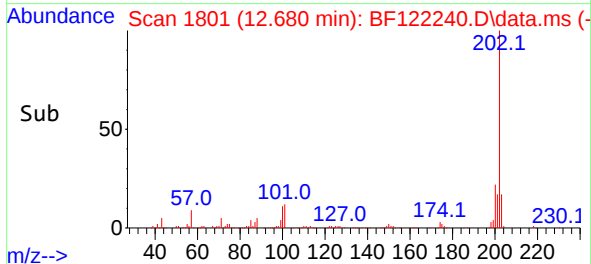




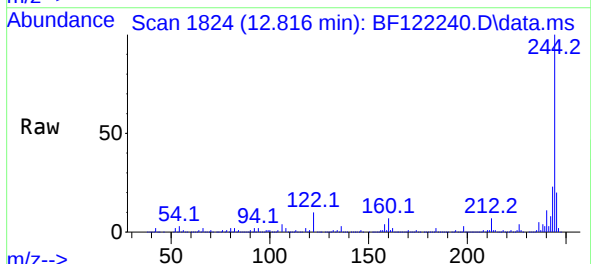
#78
Pyrene
Concen: 11.55 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



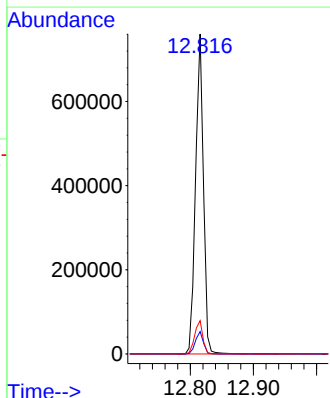
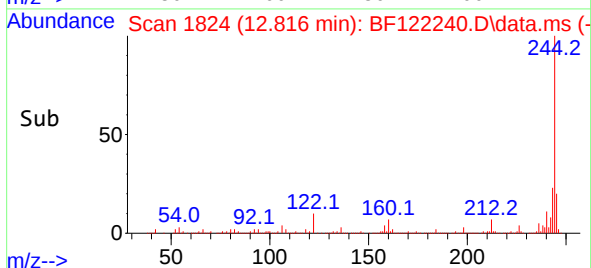
Tgt Ion:202 Resp: 158247
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 69.56 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



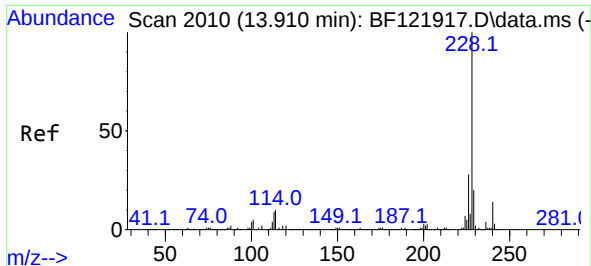
Tgt Ion:244 Resp: 656026
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.4 8.1 12.1



Instrument :
BNA_F
ClientSampled :
12016

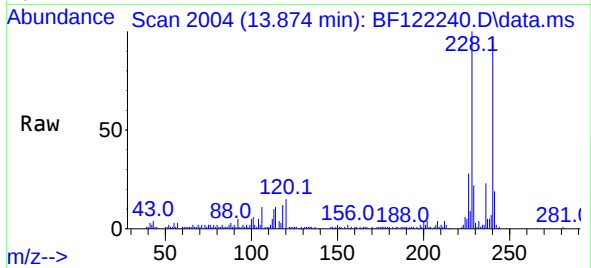
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#81
Benzo(a)anthracene
Concen: 5.46 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

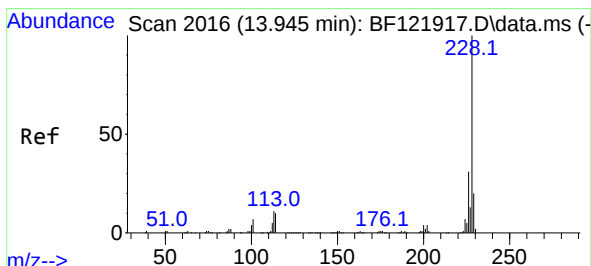
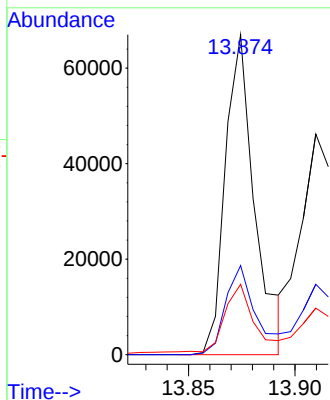
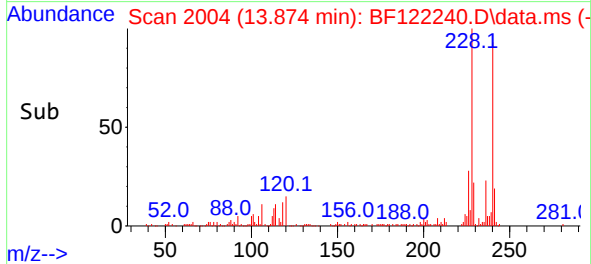
Instrument :
BNA_F
ClientSampled :
12016



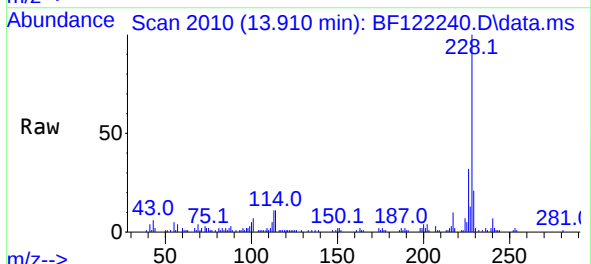
Tgt Ion:228 Resp: 64330
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 22.0 16.2 24.4

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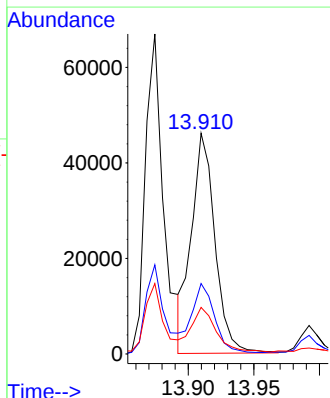
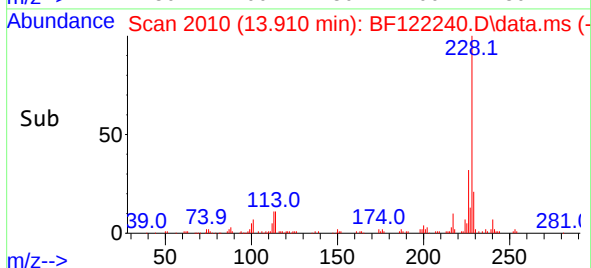
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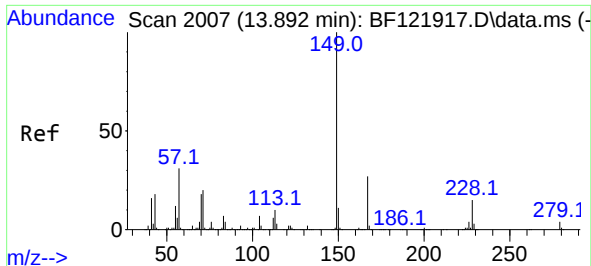


#83
Chrysene
Concen: 5.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



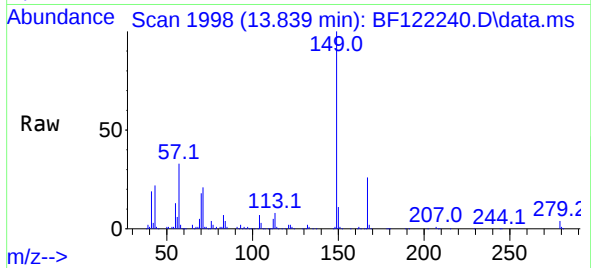
Tgt Ion:228 Resp: 57821
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 21.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 24.60 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

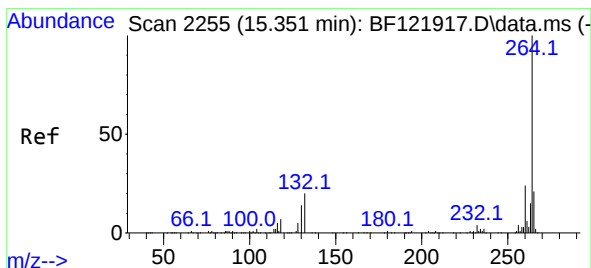
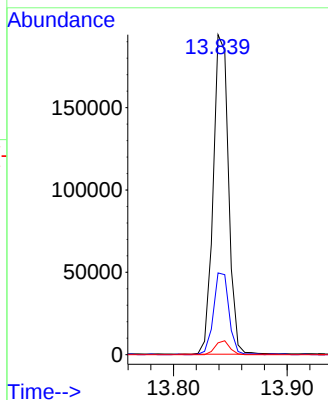
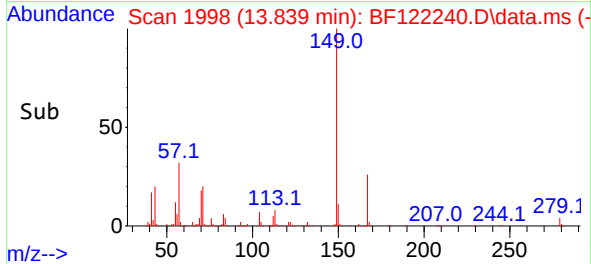
Instrument :
BNA_F
ClientSampled :
12016



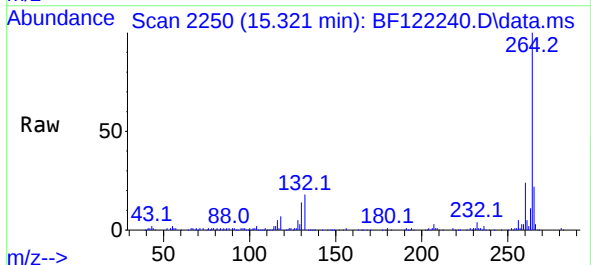
Tgt Ion:149 Resp: 181429
Ion Ratio Lower Upper
149 100
167 25.5 20.9 31.3
279 3.7 3.2 4.8

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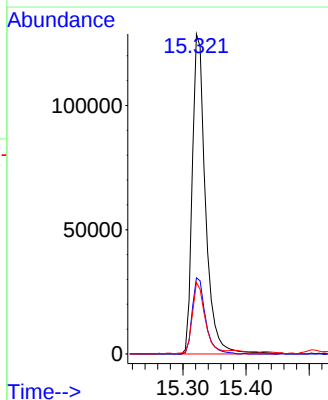
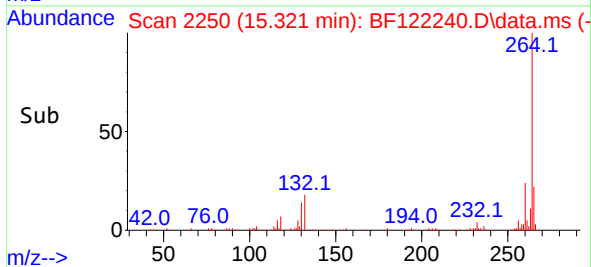
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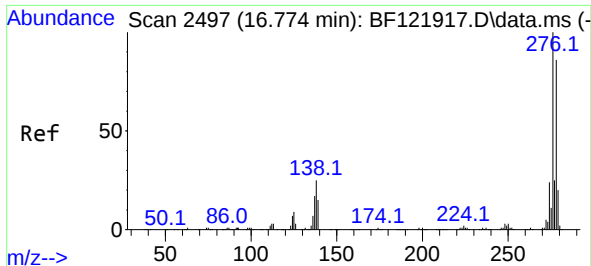


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00



Tgt Ion:264 Resp: 186761
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.3 17.3 25.9





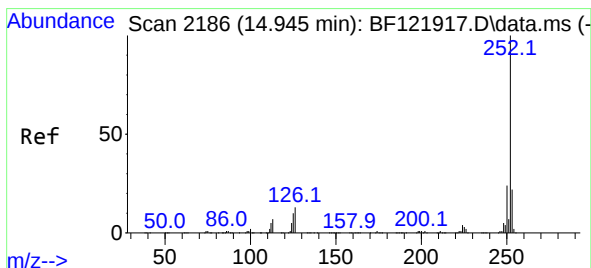
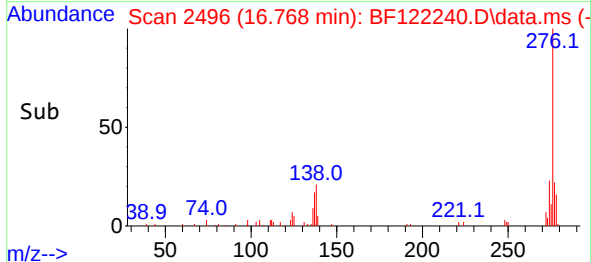
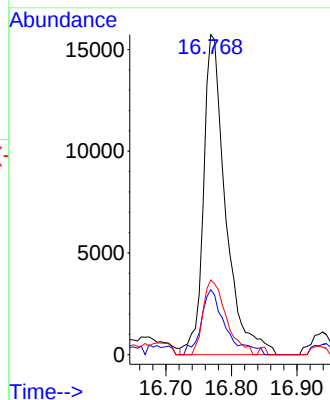
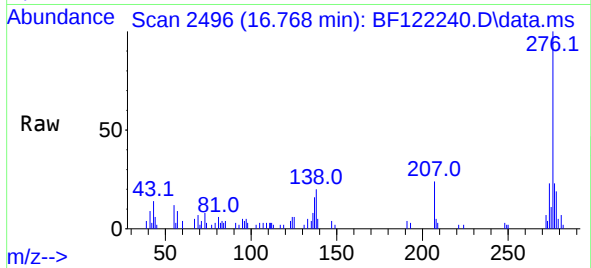
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.04 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.053 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

Tgt Ion: 276 Resp: 36857
Ion Ratio Lower Upper
276 100
138 22.3 19.9 29.9
277 24.3 20.4 30.6

Instrument :
BNA_F
ClientSampleId :
12016

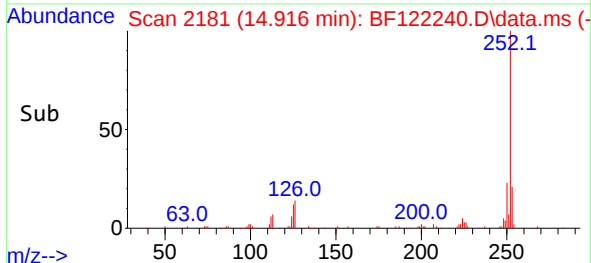
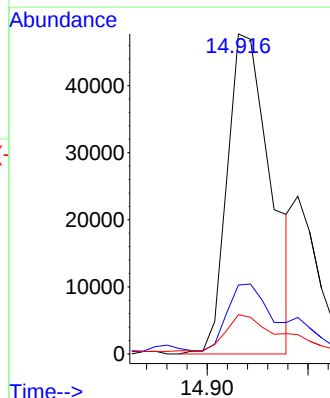
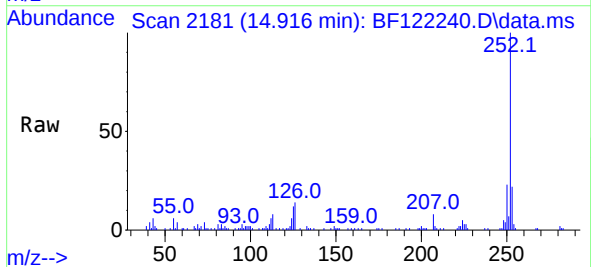
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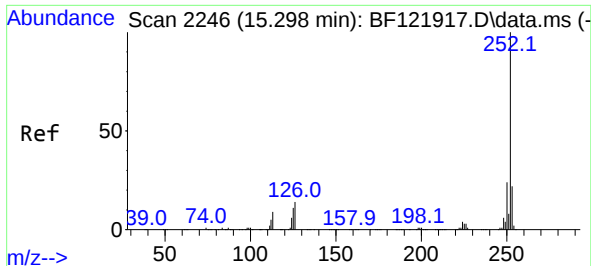
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#88
Benzo(b)fluoranthene
Concen: 5.67 ng m
RT: 14.916 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

Tgt Ion: 252 Resp: 71590
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 12.3 8.0 12.0#





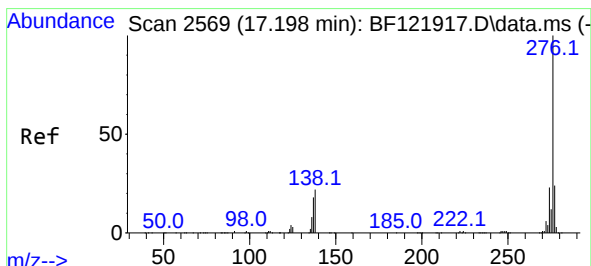
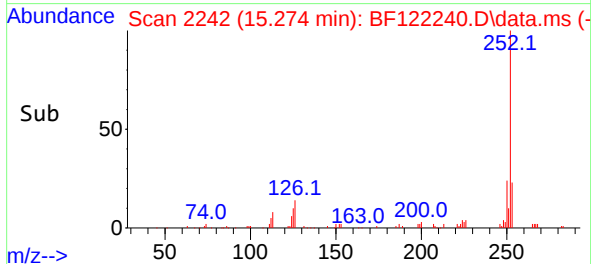
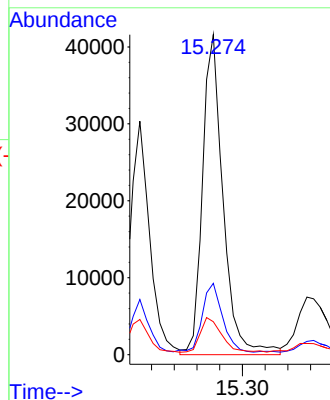
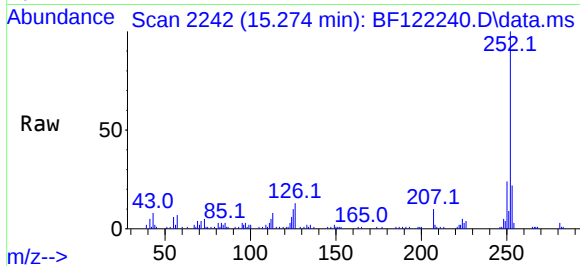
#90
Benzo(a)pyrene
Concen: 4.81 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.024 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

Tgt Ion:	252	Resp:	52401
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	10.3	8.6	13.0

Instrument :
BNA_F
ClientSampled :
12016

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#92
Benzo(g,h,i)perylene
Concen: 3.63 ng
RT: 17.204 min Scan# 2570
Delta R.T. 0.071 min
Lab File: BF122240.D
Acq: 3 Nov 2020 15:00

Tgt Ion:	276	Resp:	36290
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.4	29.2
138	24.4	17.8	26.6

