

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122349.D
 Acq On : 17 Nov 2020 16:49
 Operator : JU/CG
 Sample : L4725-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-31

Manual Integrations
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Quant Time: Nov 17 17:19:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	265820	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1013635	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	532697	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1003087	20.00	ng	0.00
76) Chrysene-d12	14.027	240	769855	20.00	ng	0.00
86) Perylene-d12	15.498	264	774610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1611072	93.06	ng	0.00
7) Phenol-d6	6.487	99	2073256	91.55	ng	0.00
23) Nitrobenzene-d5	7.422	82	1250543	75.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	604987	105.82	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2070020	60.72	ng	0.00
79) Terphenyl-d14	12.980	244	2290895	63.04	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.616	163	511100	13.50	ng	99
71) Phenanthrene	11.410	178	205105	3.60	ng	98
75) Fluoranthene	12.598	202	381306	6.42	ng	98
78) Pyrene	12.827	202	314168	5.81	ng	99
81) Benzo(a)anthracene	14.015	228	140407	2.93	ng	97
83) Chrysene	14.051	228	132476	2.75	ng	98
88) Benzo(b)fluoranthene	15.068	252	173869m	3.47	ng	
90) Benzo(a)pyrene	15.433	252	109430	2.50	ng	98
92) Benzo(g,h,i)perylene	17.386	276	77537	2.05	ng	100

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

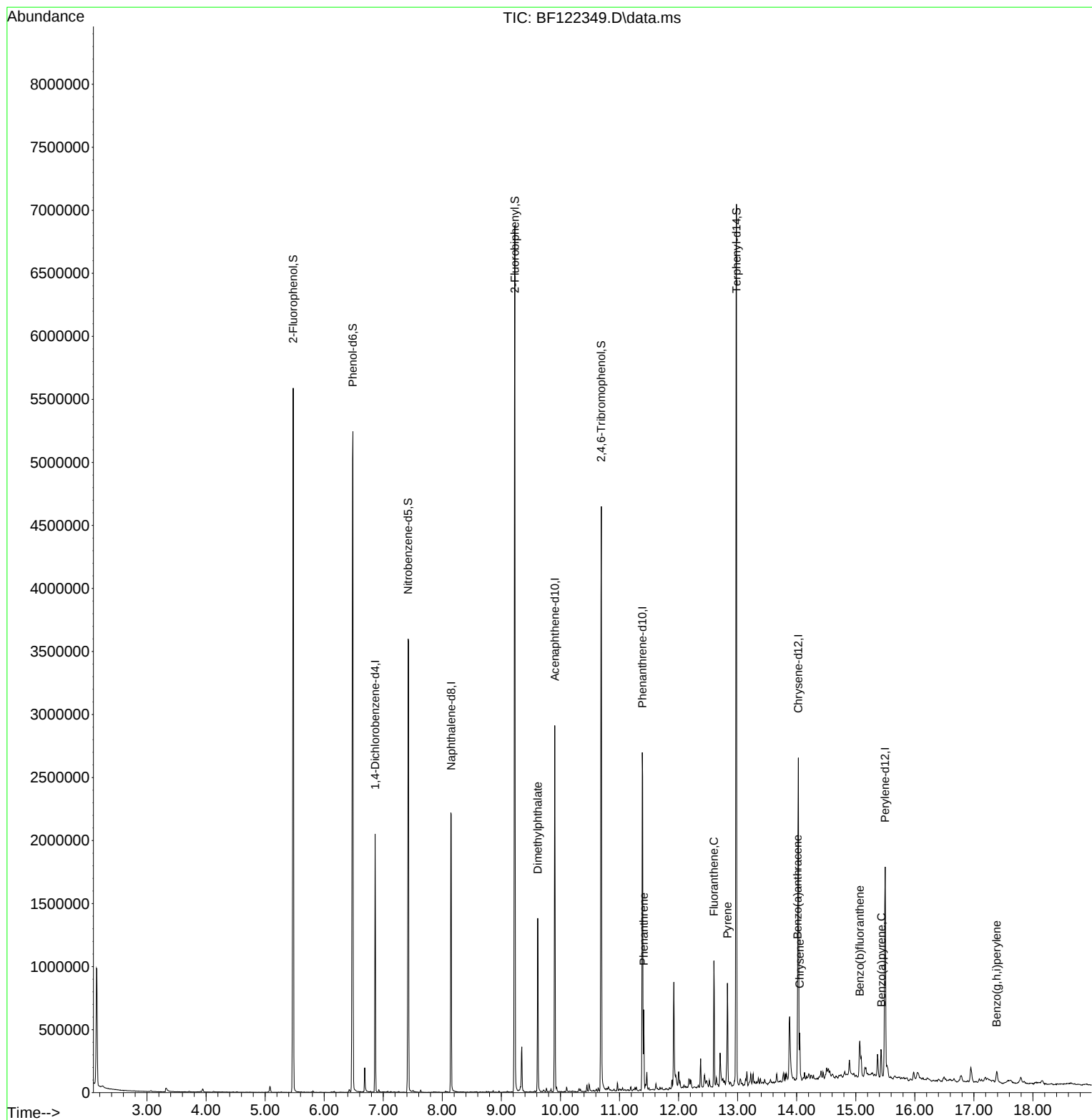
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122349.D
Acq On : 17 Nov 2020 16:49
Operator : JU/CG
Sample : L4725-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

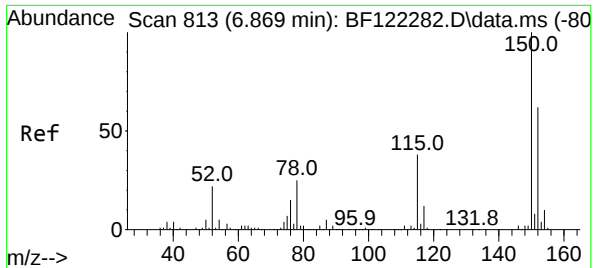
Instrument :
BNA_F
ClientSampleId :
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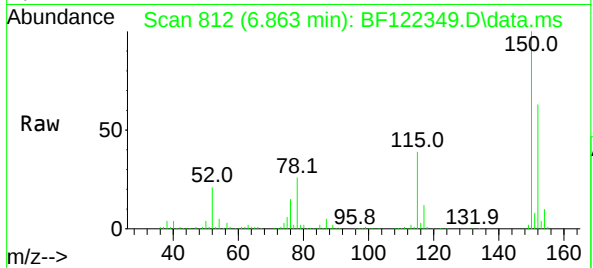
Quant Time: Nov 17 17:19:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

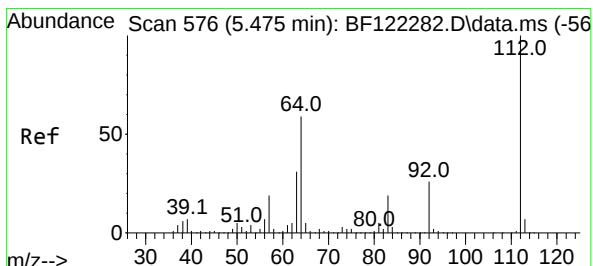
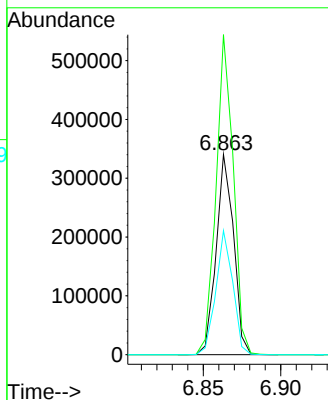
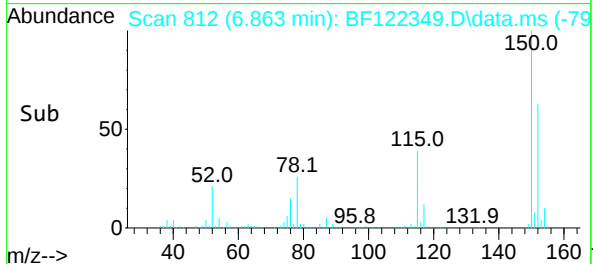
Instrument :
BNA_F
ClientSampled :
RBR-31



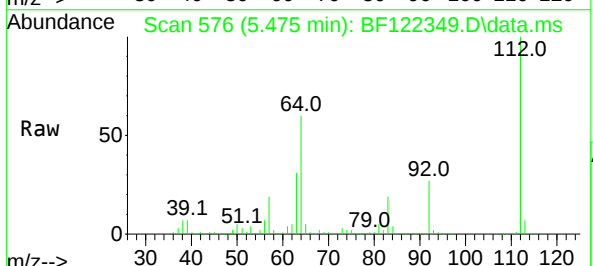
Tgt Ion:152 Resp: 265820
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 61.9 51.9 77.9

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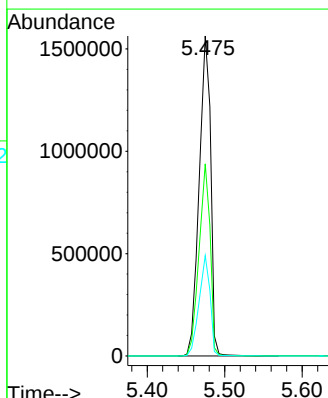
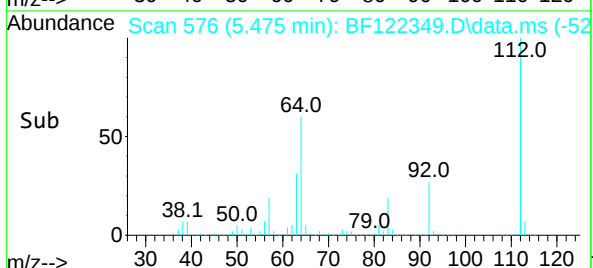
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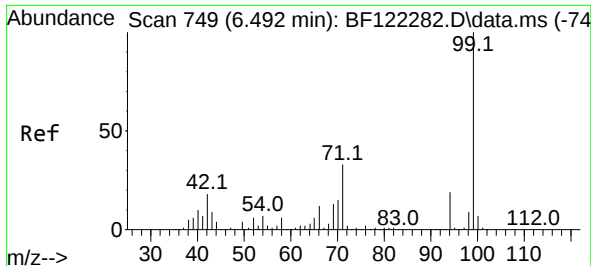


#5
2-Fluorophenol
Concen: 93.06 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



Tgt Ion:112 Resp: 1611072
Ion Ratio Lower Upper
112 100
64 60.0 50.4 75.6
63 31.3 25.8 38.6





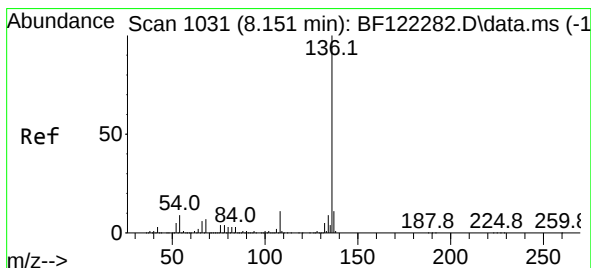
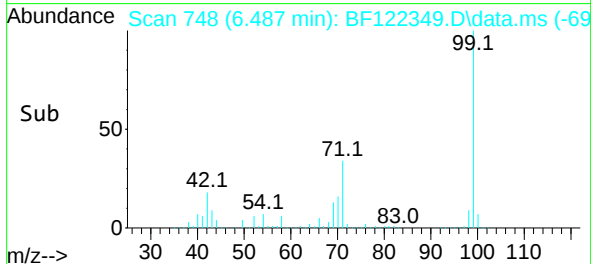
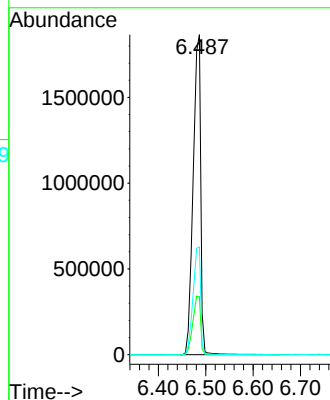
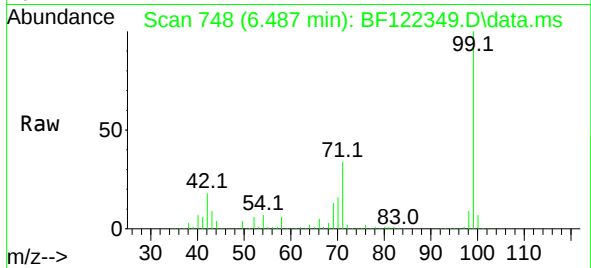
#7
Phenol-d6
Concen: 91.55 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion: 99 Resp: 2073256
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 33.6 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
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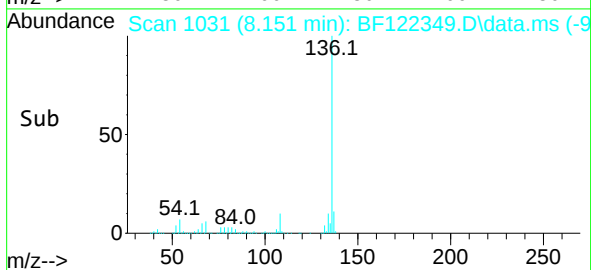
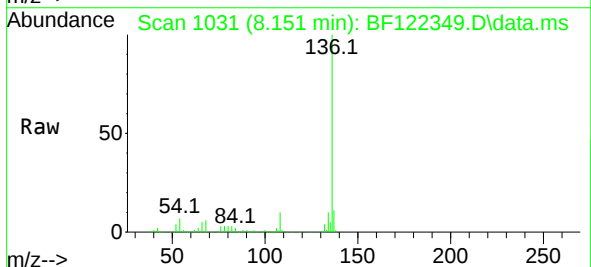
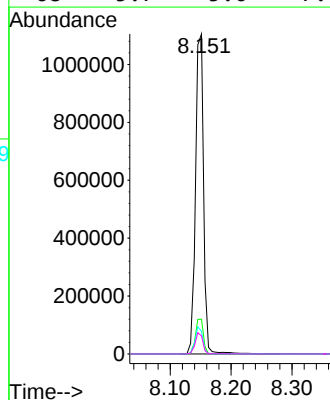
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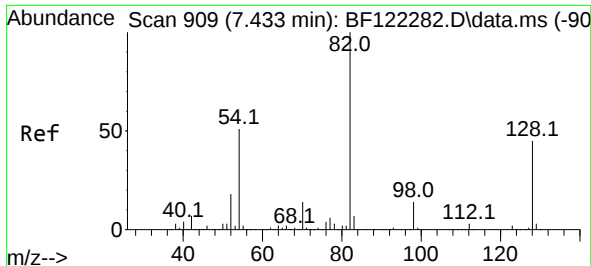
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion: 136 Resp: 1013635
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 7.1 10.7
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 75.53 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.011 min

Lab File: BF122349.D

Acq: 17 Nov 2020 16:49

Tgt Ion: 82 Resp: 1250543

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.4
54	51.1	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

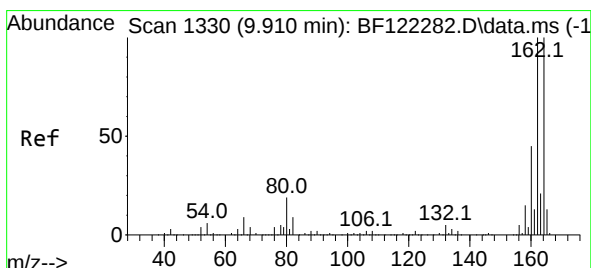
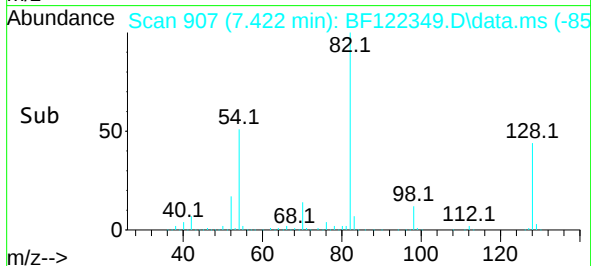
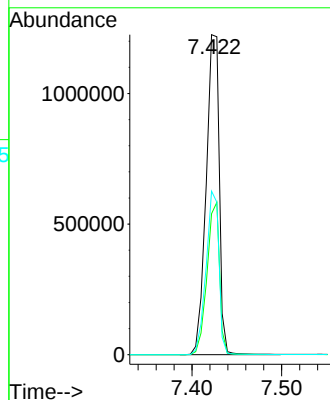
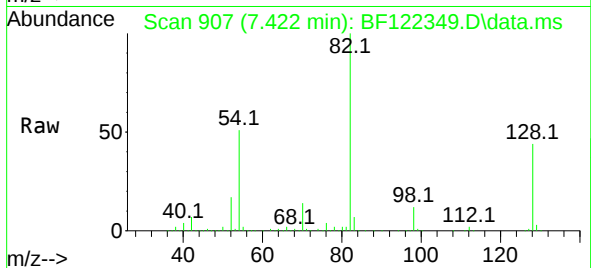
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

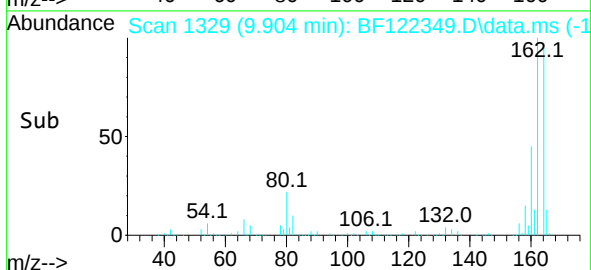
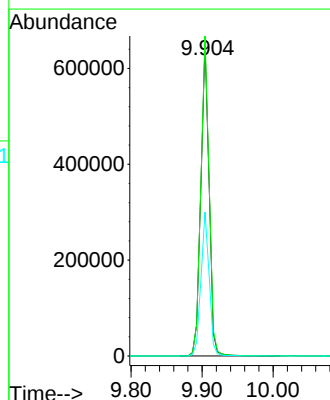
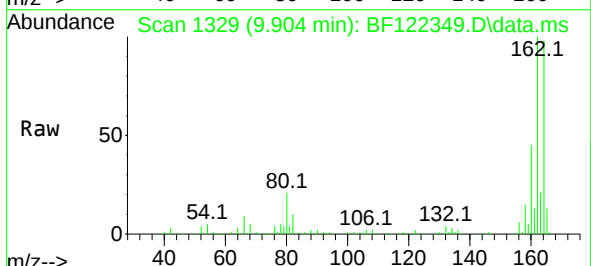
Delta R.T. -0.006 min

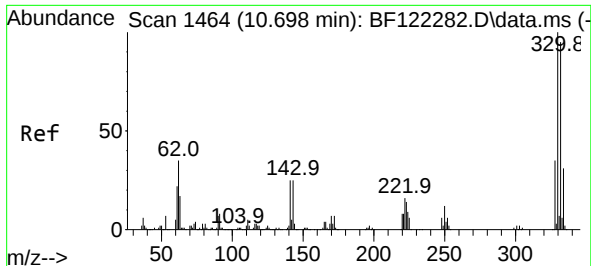
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Acq: 17 Nov 2020 16:49

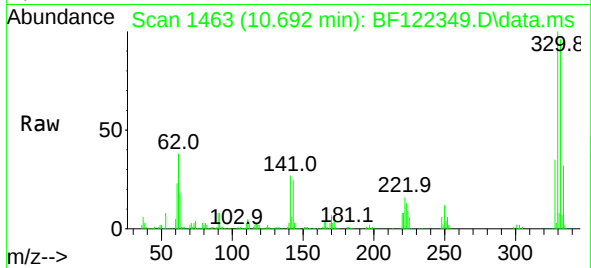
Tgt Ion:164 Resp: 532697

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	45.8	37.5	56.3

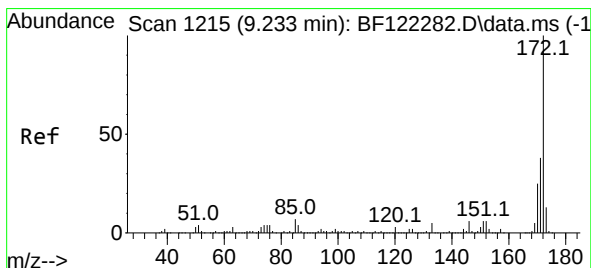
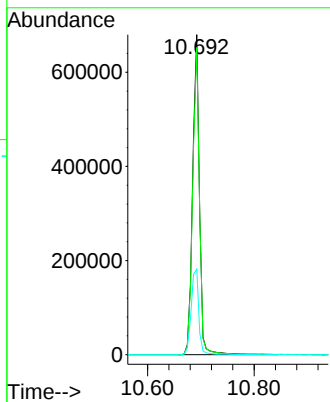
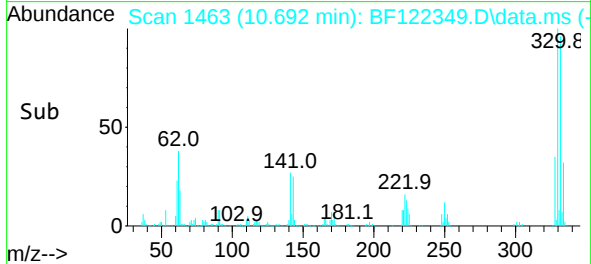




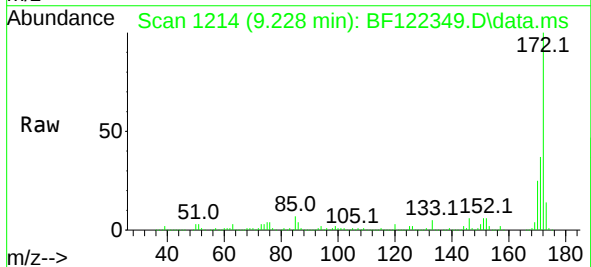
#42
2,4,6-Tribromophenol
Concen: 105.82 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



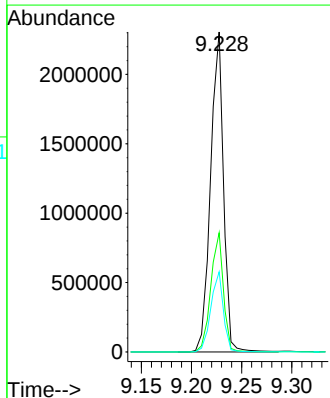
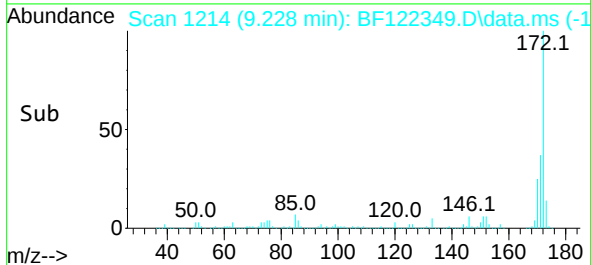
Tgt Ion: 330 Resp: 604987
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 30.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 60.72 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



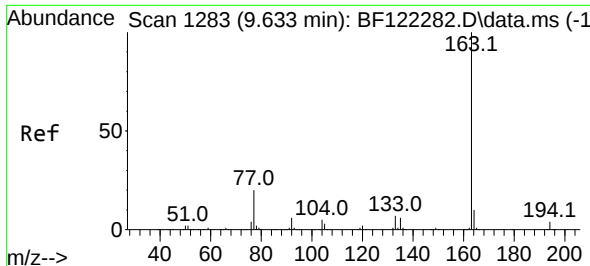
Tgt Ion: 172 Resp: 2070020
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 25.0 19.8 29.6



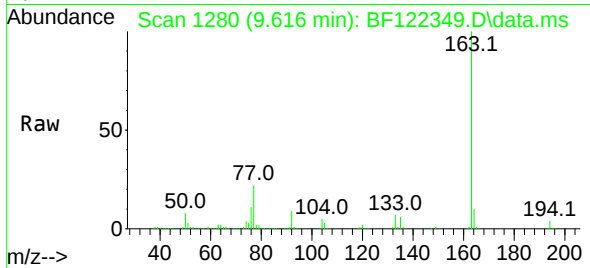
Instrument :
BNA_F
ClientSampleId :
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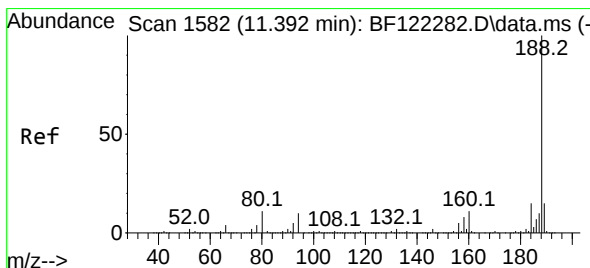
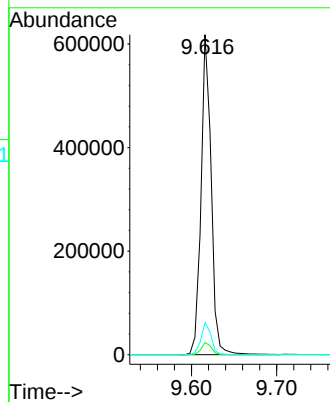
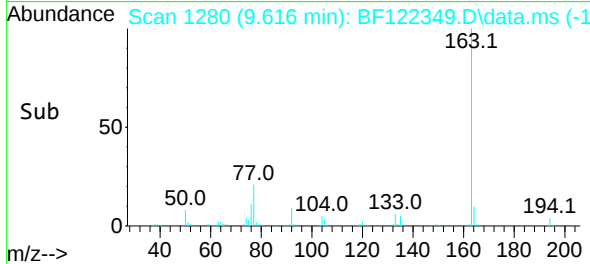
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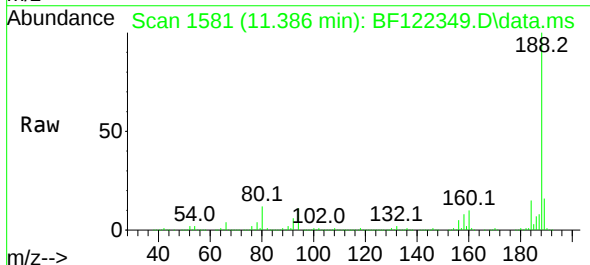
#50
Dimethylphthalate
Concen: 13.50 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



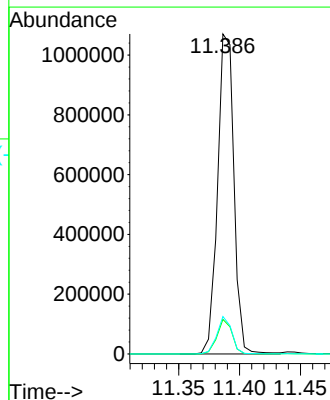
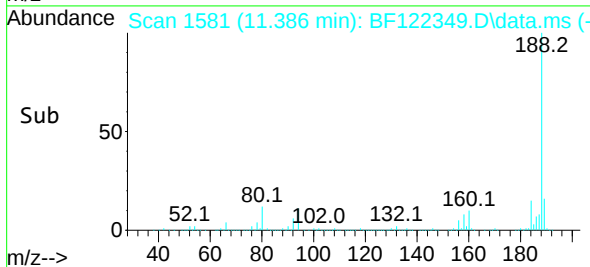
Tgt Ion:163 Resp: 511100
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



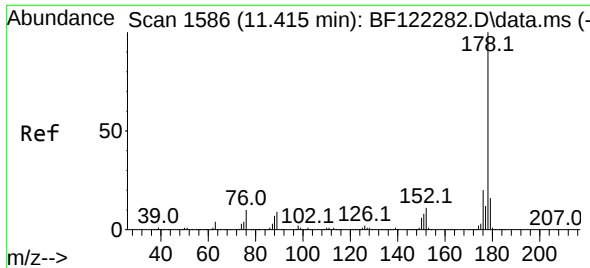
Tgt Ion:188 Resp: 1003087
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.7 9.1 13.7



Instrument :
BNA_F
ClientSampleId :
RBR-31

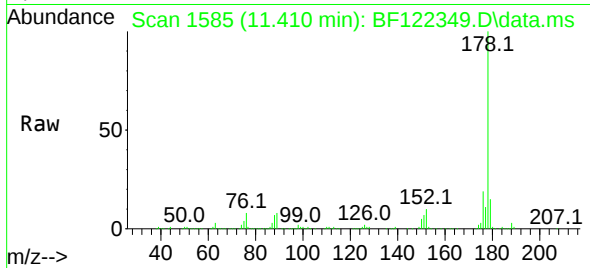
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#71
Phenanthrene
Concen: 3.60 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

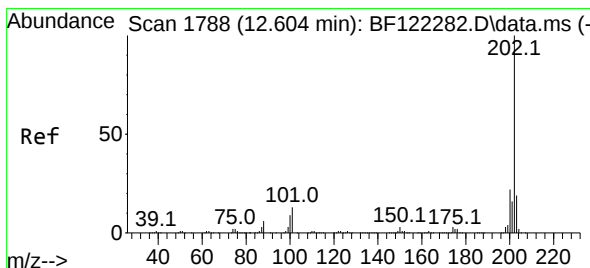
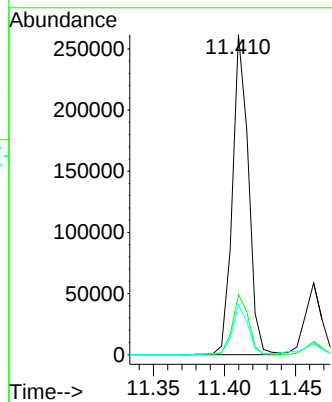
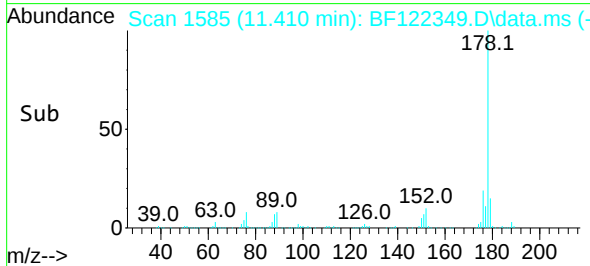
Instrument :
BNA_F
ClientSampled :
RBR-31



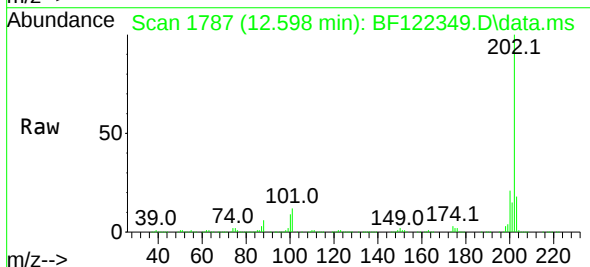
Tgt Ion:178 Resp: 205105
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.5 12.2 18.4

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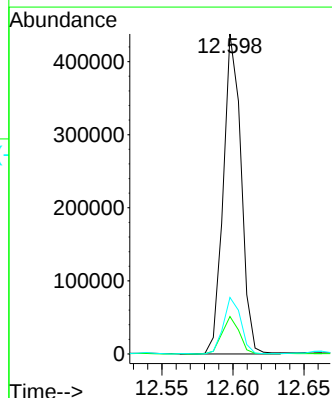
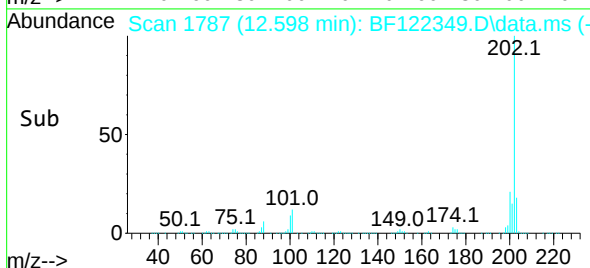
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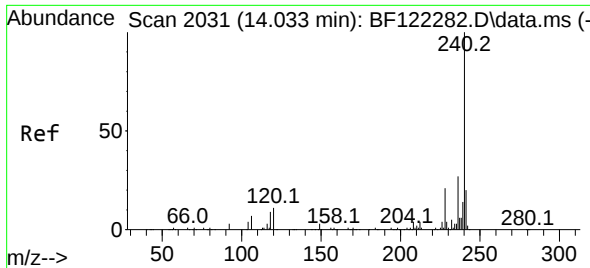


#75
Fluoranthene
Concen: 6.42 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



Tgt Ion:202 Resp: 381306
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 17.6 0.0 37.9





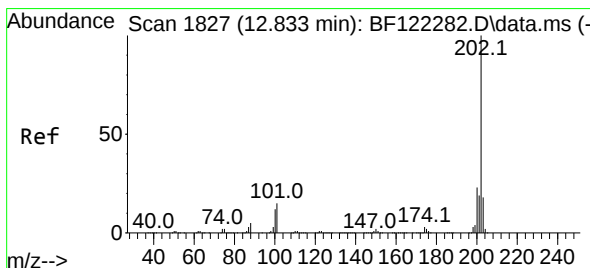
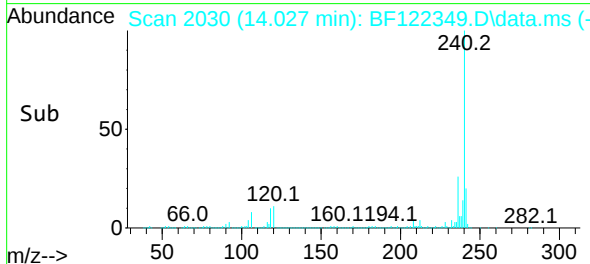
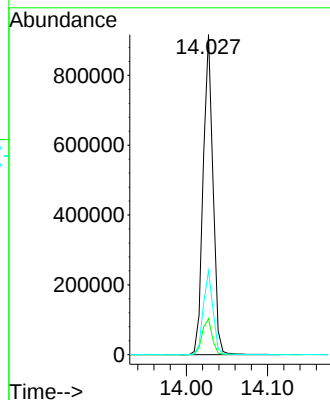
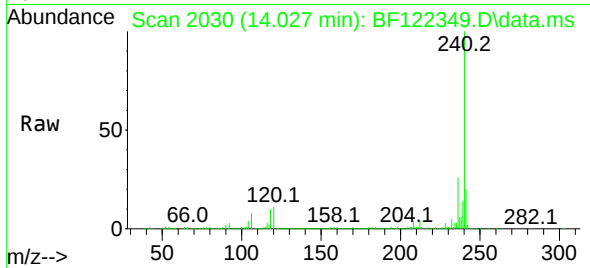
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:240 Resp: 769855
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.2 20.9 31.3

Instrument :
BNA_F
ClientSampled :
RBR-31

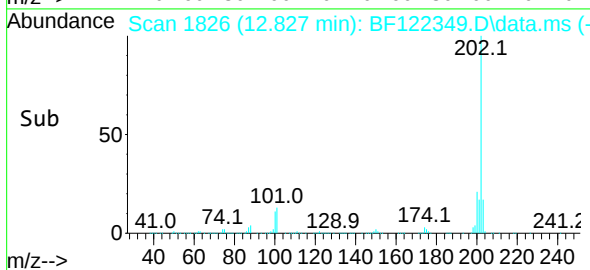
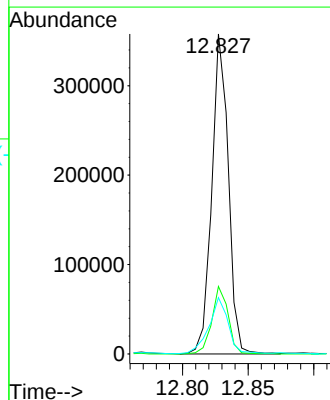
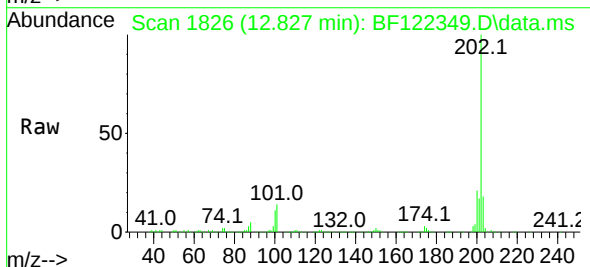
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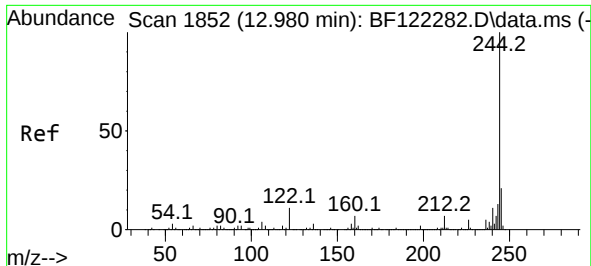
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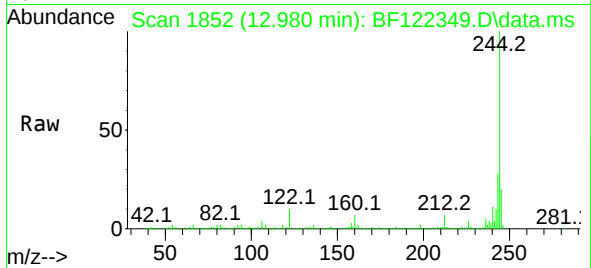
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Pyrene
Concen: 5.81 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:202 Resp: 314168
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.6 14.6 21.8

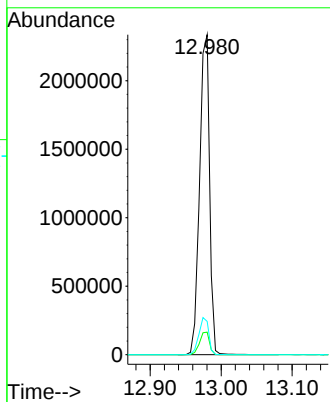
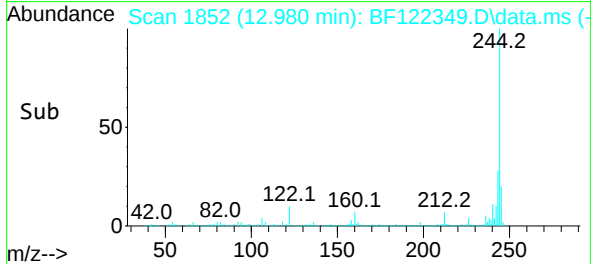




#79
Terphenyl-d14
Concen: 63.04 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



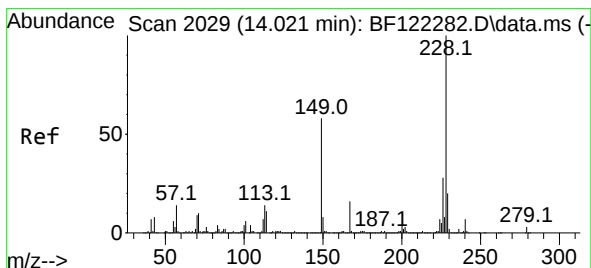
Tgt Ion:244 Resp: 2290895
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.4 8.1 12.1



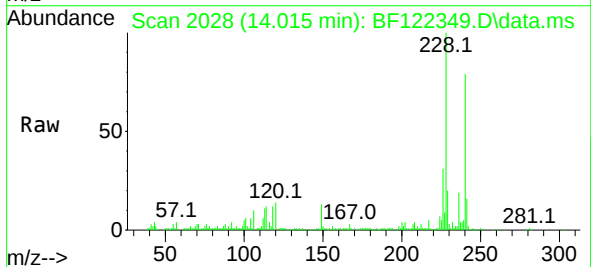
Instrument :
BNA_F
ClientSampleId :
RBR-31

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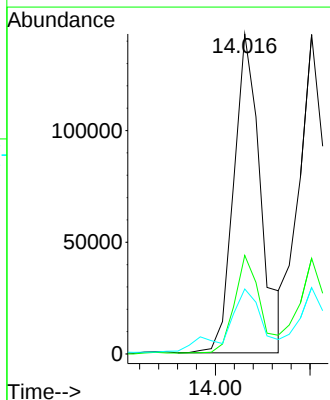
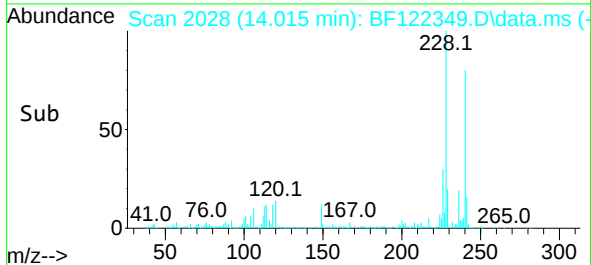
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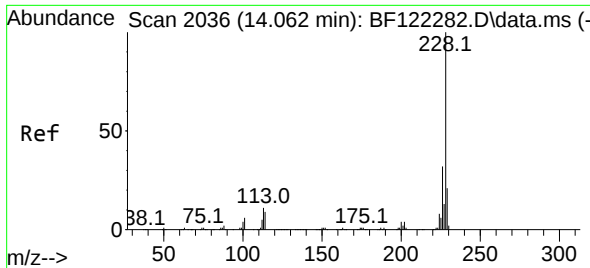


#81
Benzo(a)anthracene
Concen: 2.93 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49



Tgt Ion:228 Resp: 140407
Ion Ratio Lower Upper
228 100
226 30.8 22.3 33.5
229 20.3 16.2 24.4





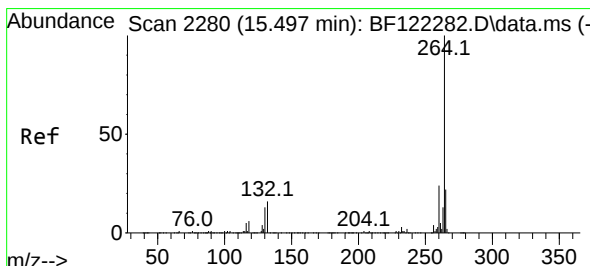
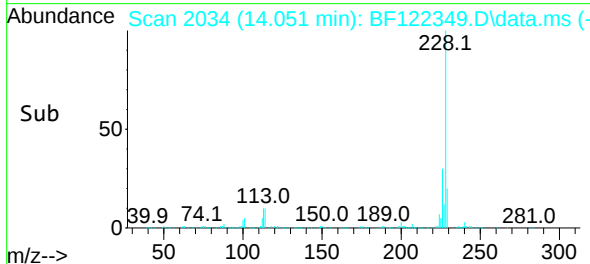
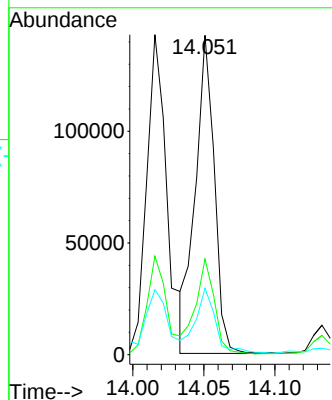
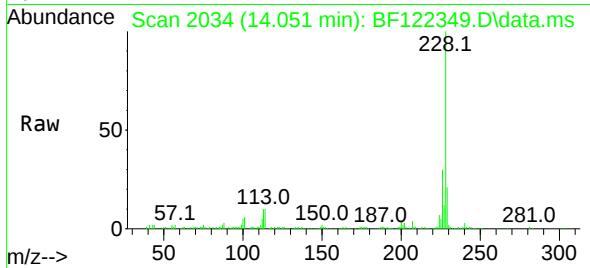
#83
Chrysene
Concen: 2.75 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:228 Resp: 132476
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 20.8 15.9 23.9

Instrument :
BNA_F
ClientSampled :
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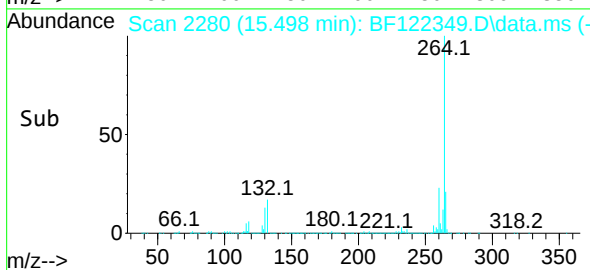
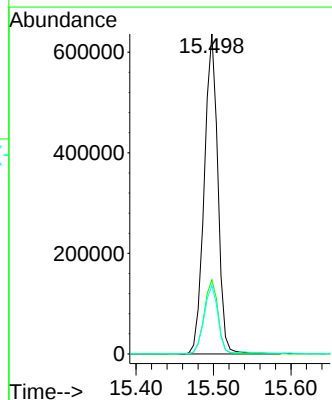
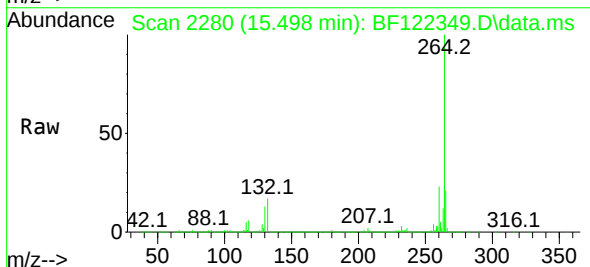
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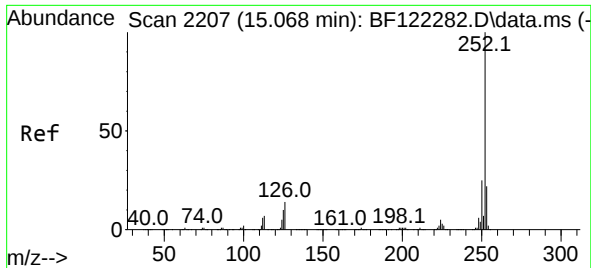
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:264 Resp: 774610
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.4 17.3 25.9





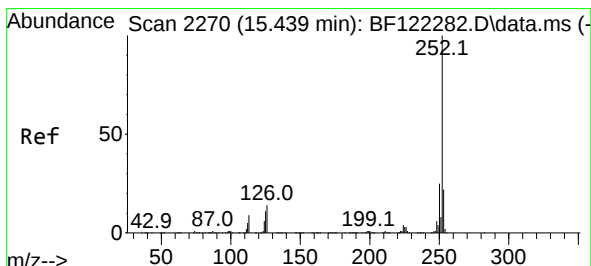
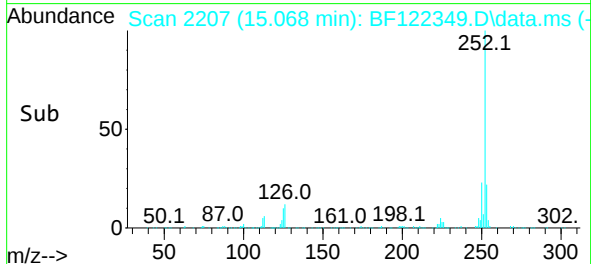
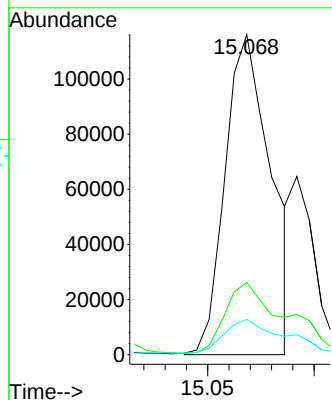
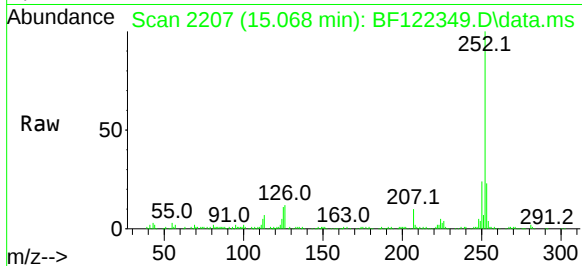
#88
Benzo(b)fluoranthene
Concen: 3.47 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:252 Resp: 173869
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.0 8.0 12.0

Instrument :
BNA_F
ClientSampled :
RBR-31

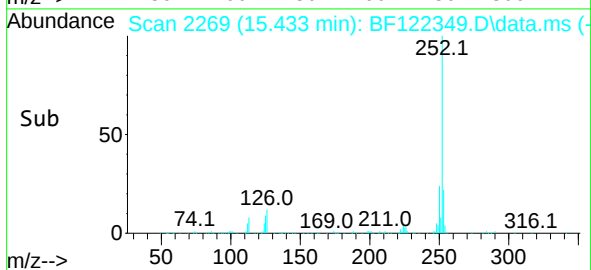
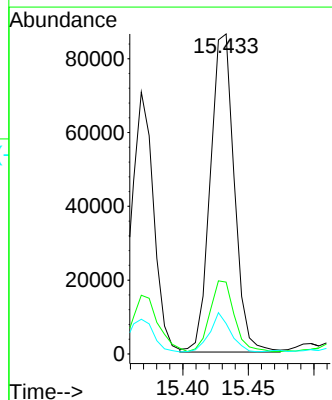
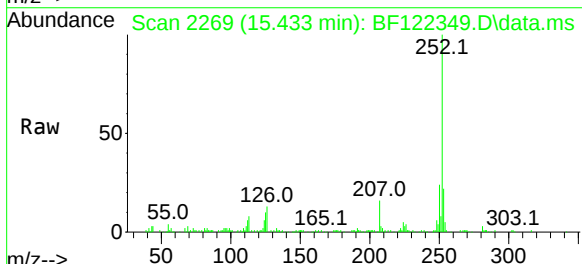
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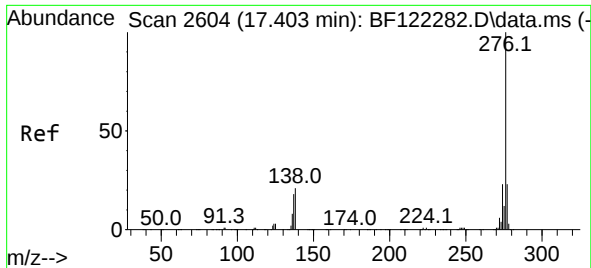
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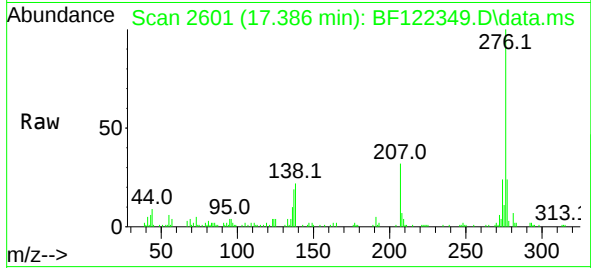
#90
Benzo(a)pyrene
Concen: 2.50 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122349.D
Acq: 17 Nov 2020 16:49

Tgt Ion:252 Resp: 109430
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.5 8.6 13.0

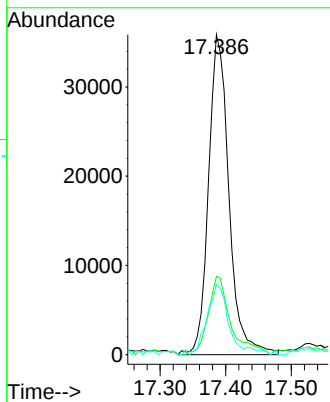
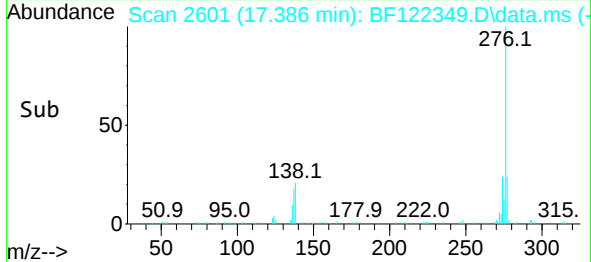




#92
 Benzo(g,h,i)perylene
 Concen: 2.05 ng
 RT: 17.386 min Scan# 2601
 Delta R.T. -0.017 min
 Lab File: BF122349.D
 Acq: 17 Nov 2020 16:49



Tgt Ion:	276	Resp:	77537
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.4	29.2
138	21.9	17.8	26.6



Instrument :
 BNA_F
 ClientSampleId :
 RBR-31

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