

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122332.D
 Acq On : 13 Nov 2020 16:41
 Operator : JU/CG
 Sample : L4725-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-31

Manual Integrations
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mohammad
 11/19/2020 10:27:40 AM

Quant Time: Nov 13 17:08:11 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	240909	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	919888	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	479564	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	862033	20.00	ng	0.00
76) Chrysene-d12	14.027	240	721455	20.00	ng	0.00
86) Perylene-d12	15.492	264	765357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1448298	92.31	ng	0.00
7) Phenol-d6	6.481	99	1845263	89.90	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1145858	76.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	442932	86.06	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1937572	63.13	ng	0.00
79) Terphenyl-d14	12.974	244	2060520	60.51	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.851	122	10895m	9.00	ng	
50) Dimethylphthalate	9.616	163	478160	14.03	ng	99
71) Phenanthrene	11.410	178	172404	3.52	ng	100
75) Fluoranthene	12.598	202	322630	6.32	ng	97
78) Pyrene	12.827	202	260332	5.14	ng	99
81) Benzo(a)anthracene	14.015	228	125129	2.79	ng	99
83) Chrysene	14.051	228	127953	2.83	ng	99
88) Benzo(b)fluoranthene	15.062	252	161419m	3.26	ng	
90) Benzo(a)pyrene	15.427	252	106050	2.45	ng	98
92) Benzo(g,h,i)perylene	17.386	276	77497	2.07	ng	99

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

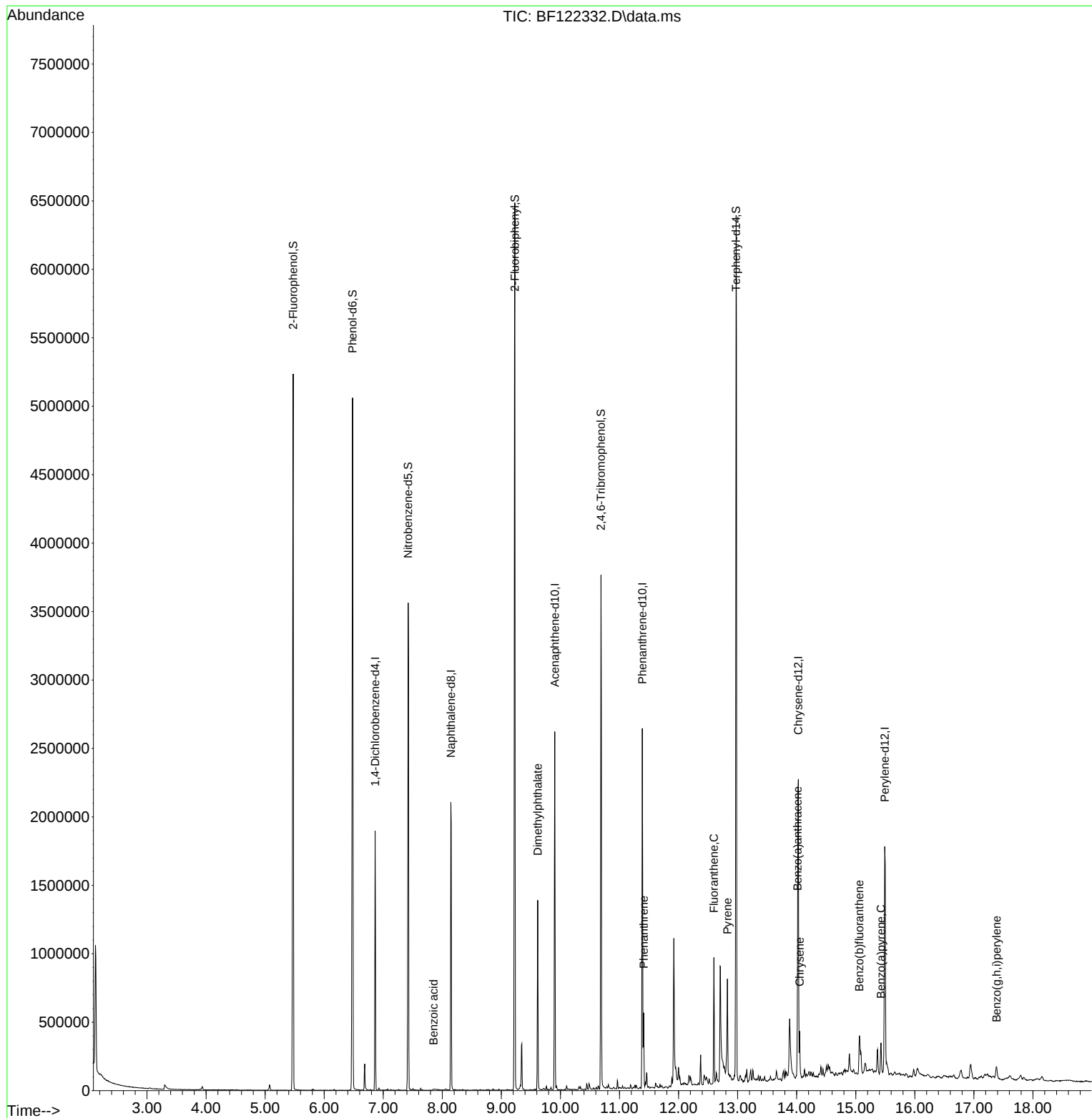
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Data File : BF122332.D
Acq On : 13 Nov 2020 16:41
Operator : JU/CG
Sample : L4725-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

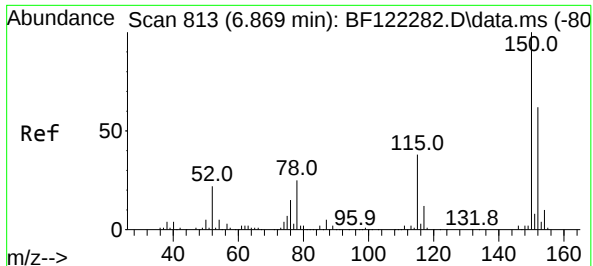
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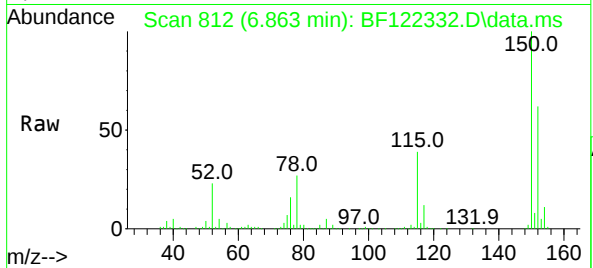
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Quant Time: Nov 13 17:08:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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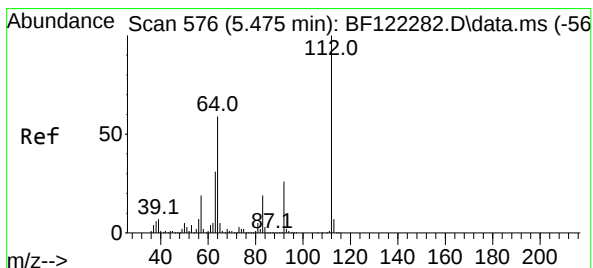
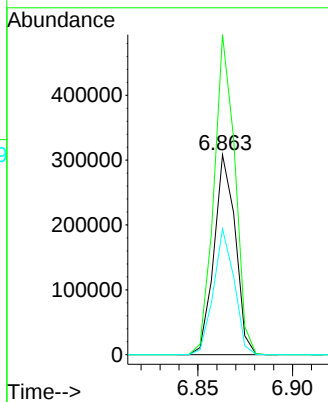
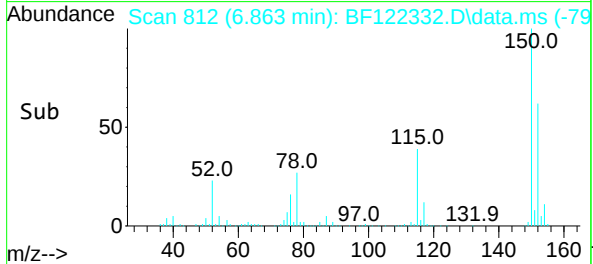




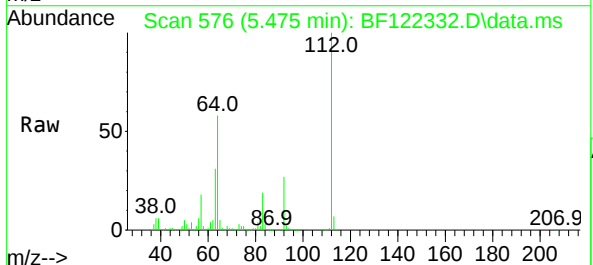
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



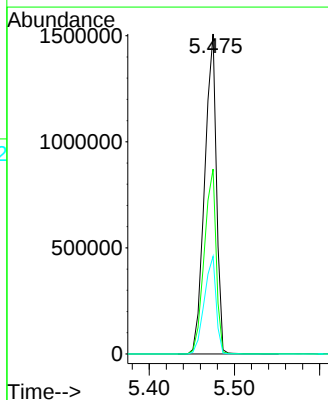
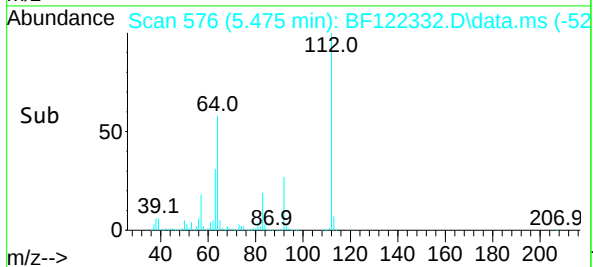
Tgt Ion:152 Resp: 240909
Ion Ratio Lower Upper
152 100
150 160.1 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 92.31 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



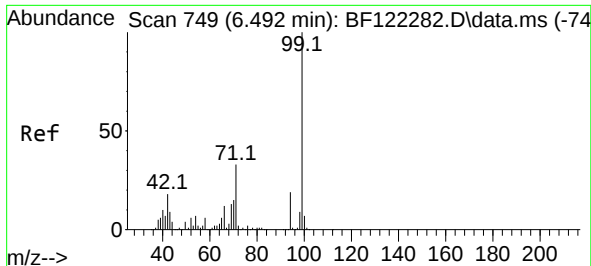
Tgt Ion:112 Resp: 1448298
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 30.5 25.8 38.6



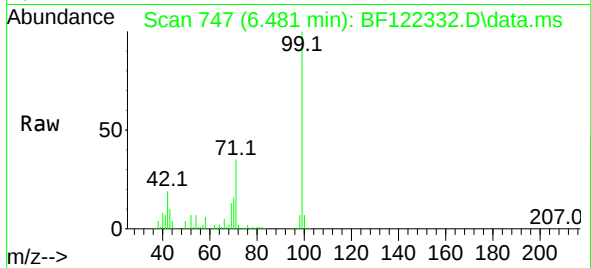
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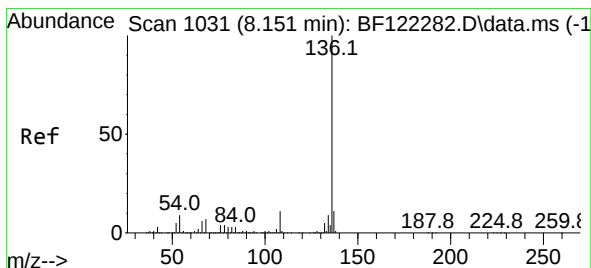
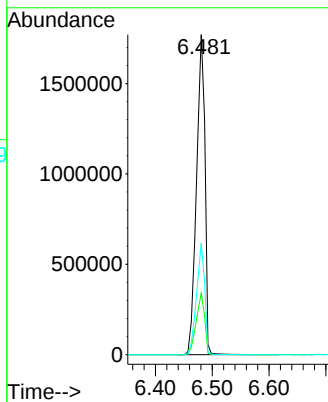
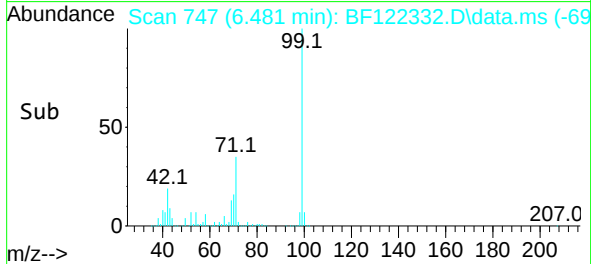


#7
Phenol-d6
Concen: 89.90 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

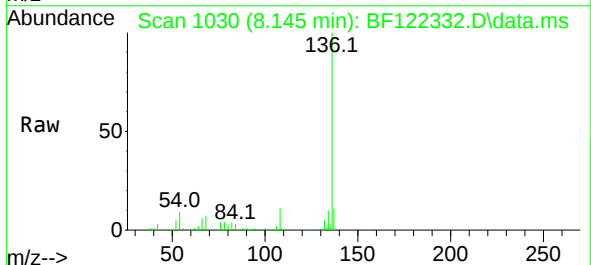


Tgt Ion: 99 Resp: 1845263

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.9	23.9
71	34.8	27.1	40.7

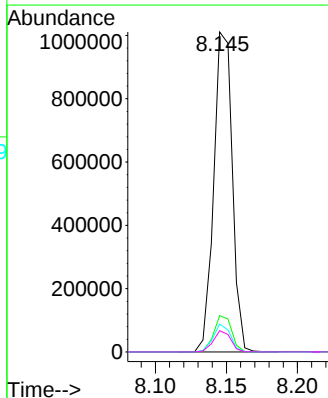
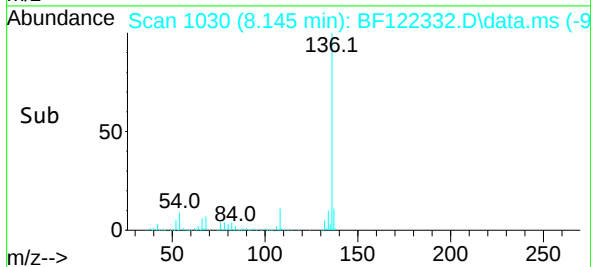


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



Tgt Ion: 136 Resp: 919888

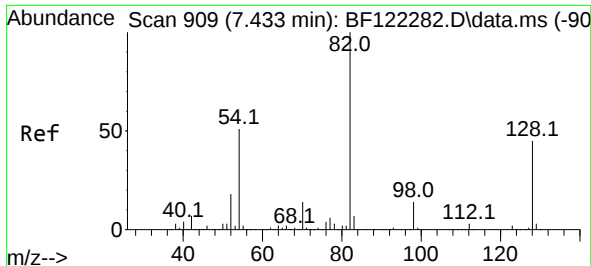
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	7.1	10.7
68	6.7	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 76.26 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF122332.D

Acq: 13 Nov 2020 16:41

Tgt Ion: 82 Resp: 1145858

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.0	52.4
54	50.7	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

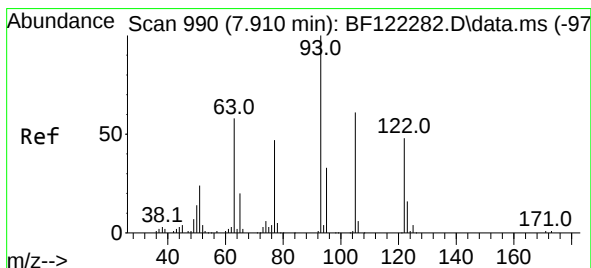
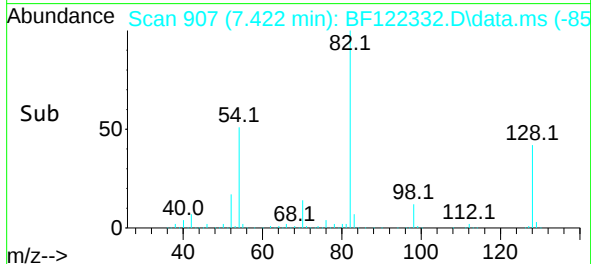
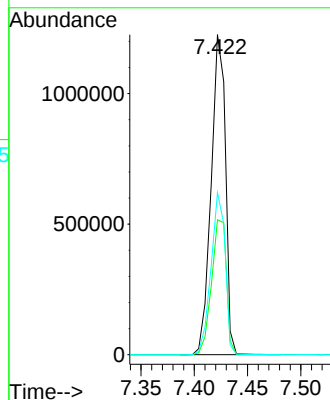
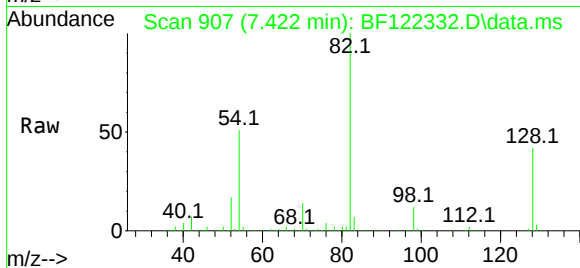
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#32

Benzoic acid

Concen: 9.00 ng m

RT: 7.851 min Scan# 980

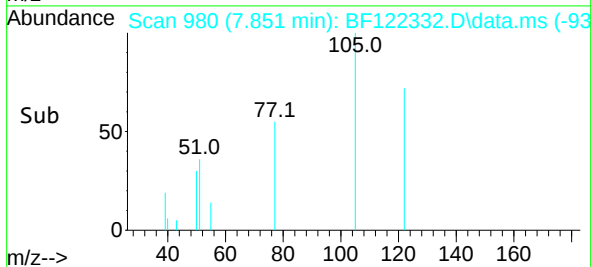
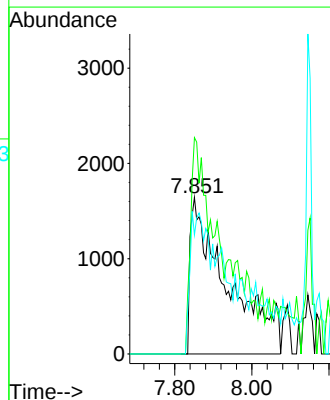
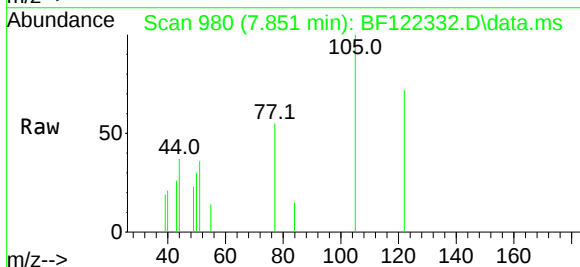
Delta R.T. -0.059 min

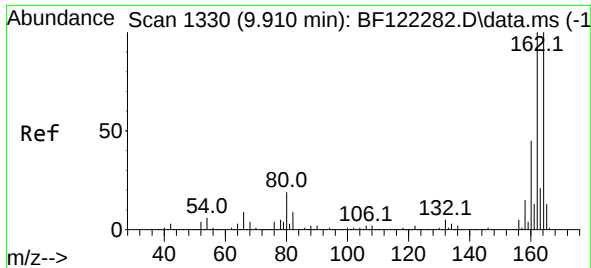
Lab File: BF122332.D

Acq: 13 Nov 2020 16:41

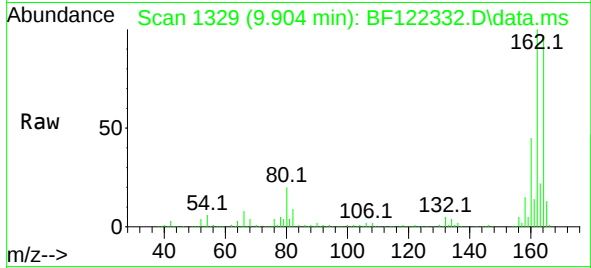
Tgt Ion:122 Resp: 10895

Ion	Ratio	Lower	Upper
122	100		
105	138.1	103.3	143.3
77	76.0	73.9	113.9

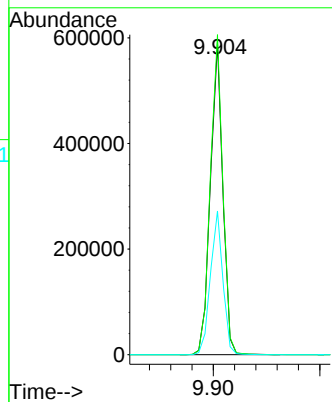
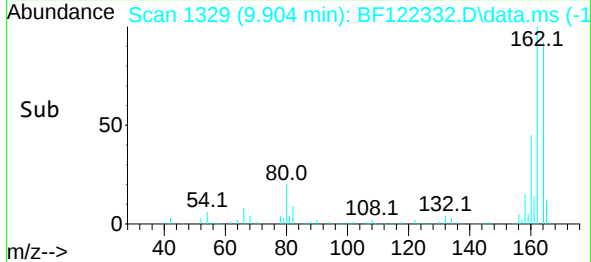




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



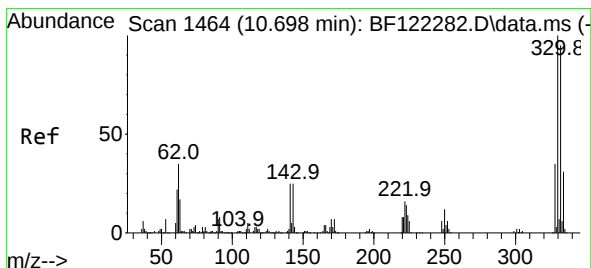
Tgt Ion:164 Resp: 479564
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 46.1 37.5 56.3



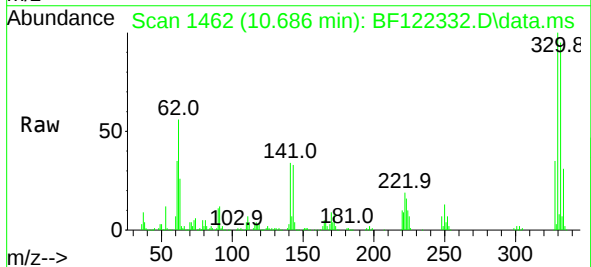
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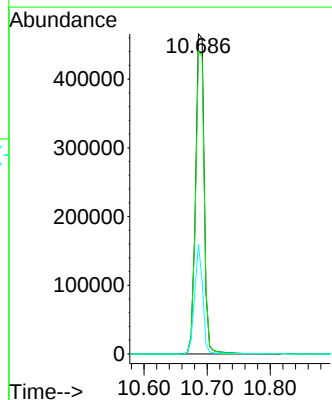
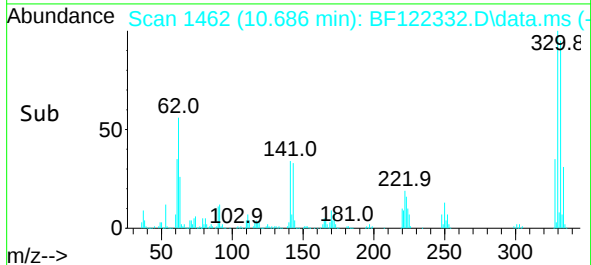
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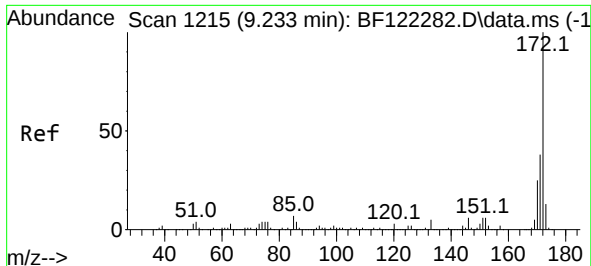


#42
2,4,6-Tribromophenol
Concen: 86.06 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



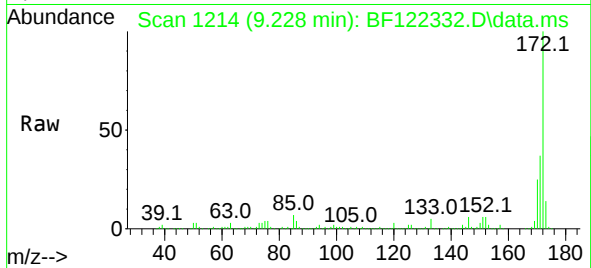
Tgt Ion:330 Resp: 442932
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 32.0 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 63.13 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

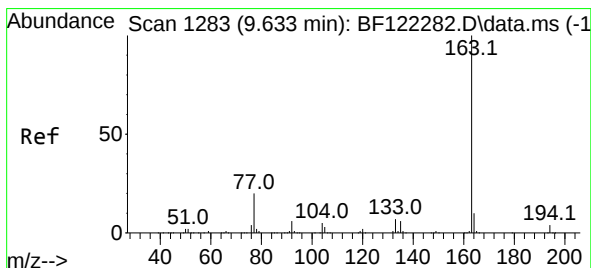
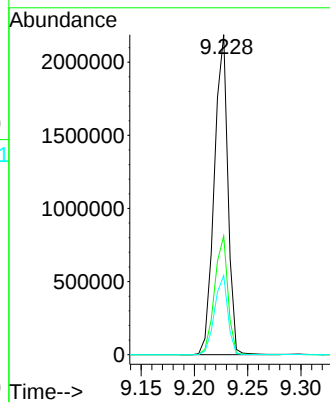
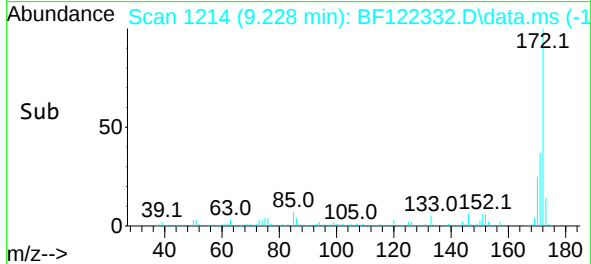
Instrument :
BNA_F
ClientSampled :
RBR-31



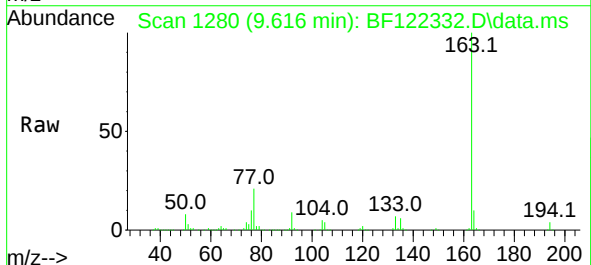
Tgt Ion:172 Resp: 1937572
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.7 19.8 29.6

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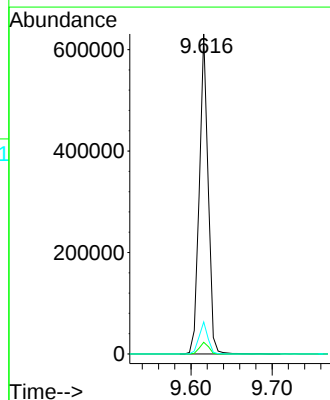
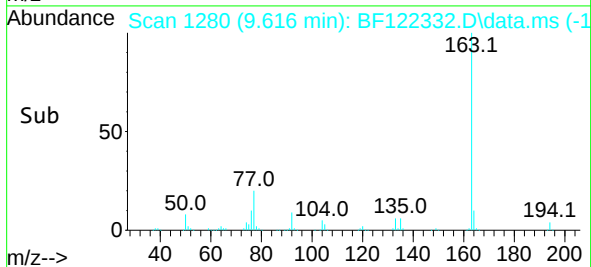
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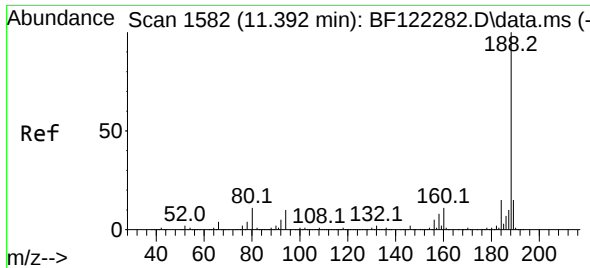


#50
Dimethylphthalate
Concen: 14.03 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



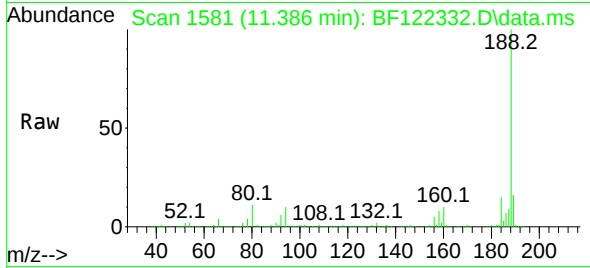
Tgt Ion:163 Resp: 478160
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

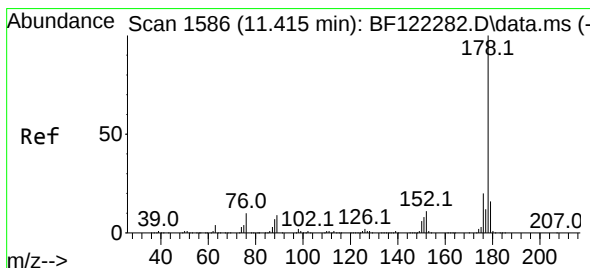
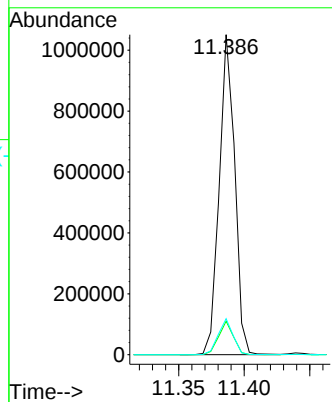
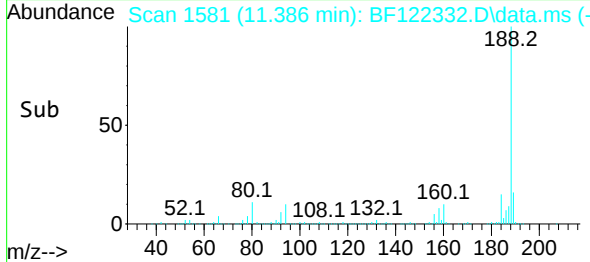
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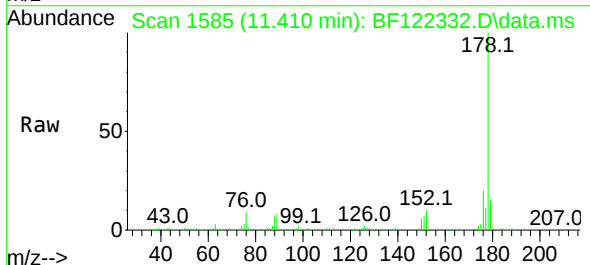
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Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7

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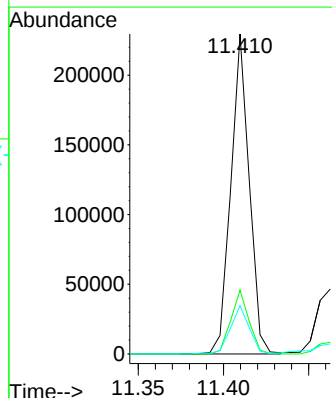
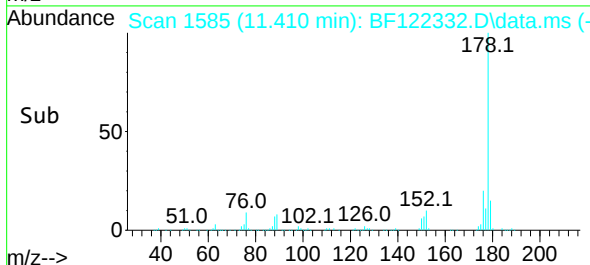
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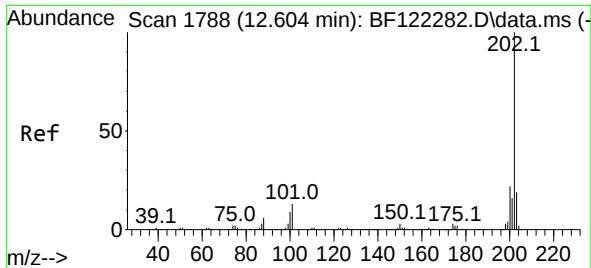


#71
Phenanthrene
Concen: 3.52 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



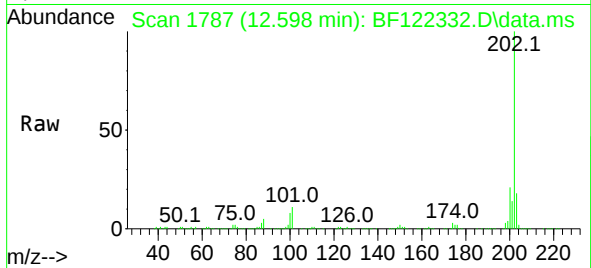
Tgt Ion:178 Resp: 172404
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.1 12.2 18.4





#75
Fluoranthene
Concen: 6.32 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

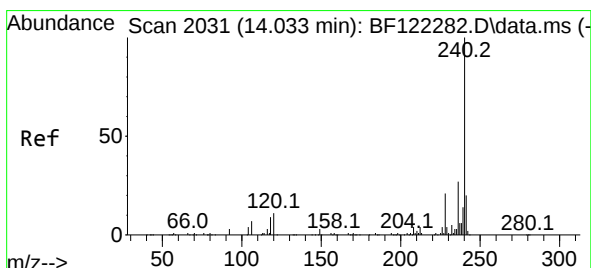
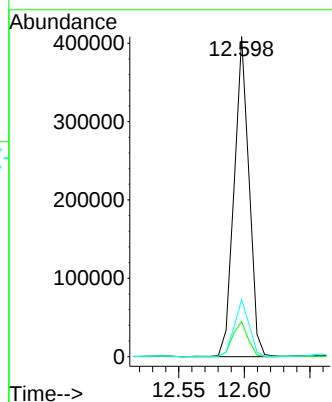
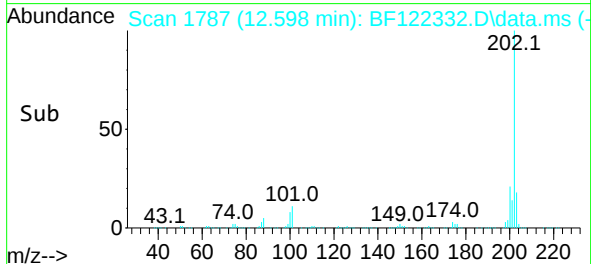
Instrument :
BNA_F
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RBR-31



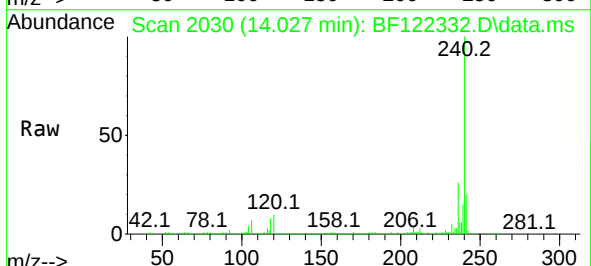
Tgt Ion:202 Resp: 322630
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.8 0.0 37.9

Manual Integrations
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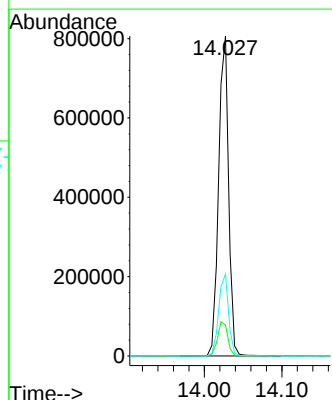
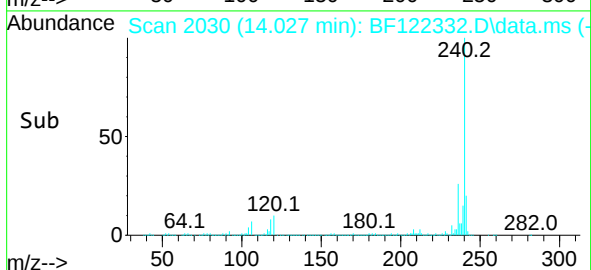
mohammad
11/19/2020 10:27:40 AM

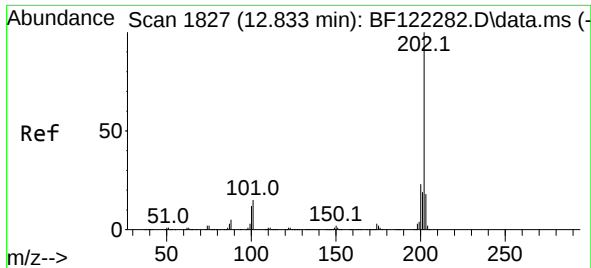


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



Tgt Ion:240 Resp: 721455
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.6 20.9 31.3





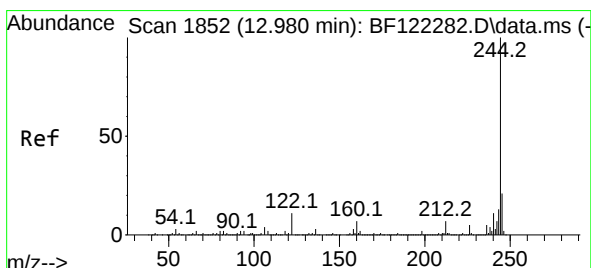
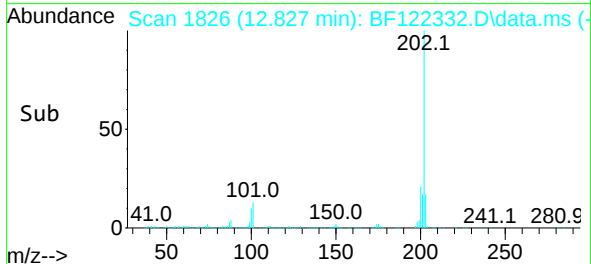
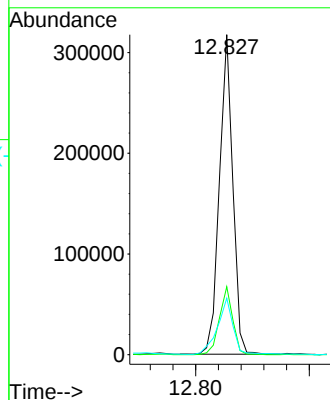
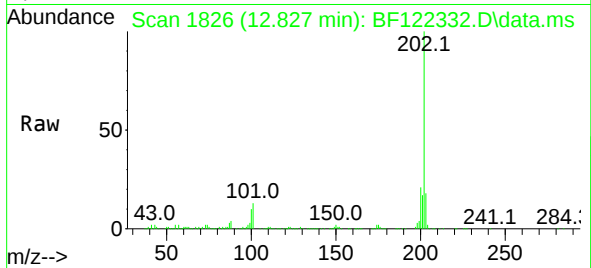
#78
Pyrene
Concen: 5.14 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

Tgt Ion:	202	Resp:	260332
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.7	14.6	21.8

Instrument :
BNA_F
ClientSampled :
RBR-31

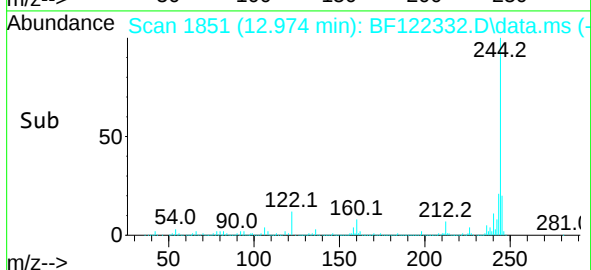
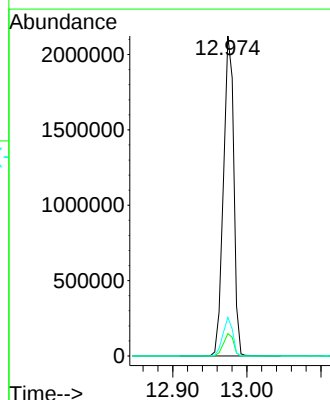
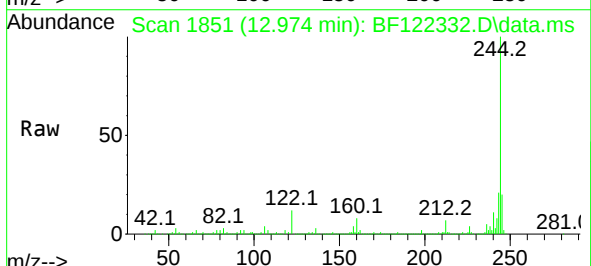
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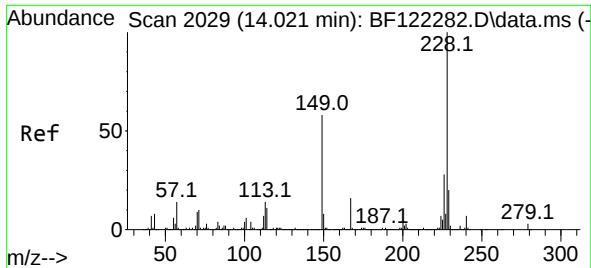
mohammad
11/19/2020 10:27:40 AM



#79
Terphenyl-d14
Concen: 60.51 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

Tgt Ion:	244	Resp:	2060520
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	12.1	8.1	12.1





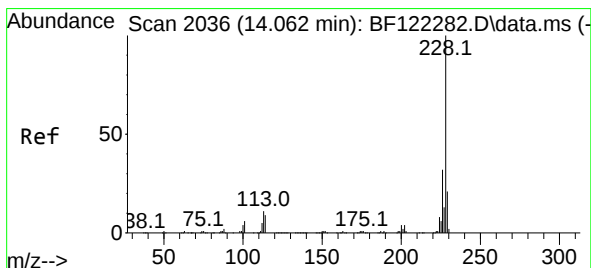
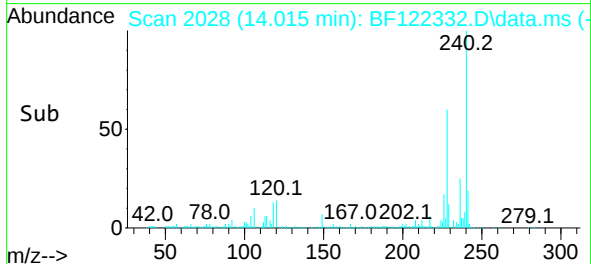
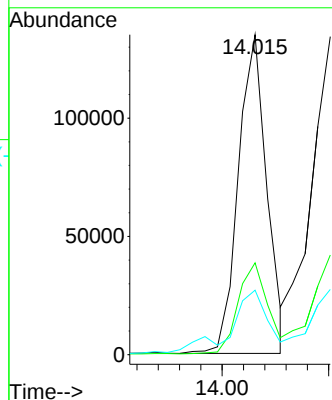
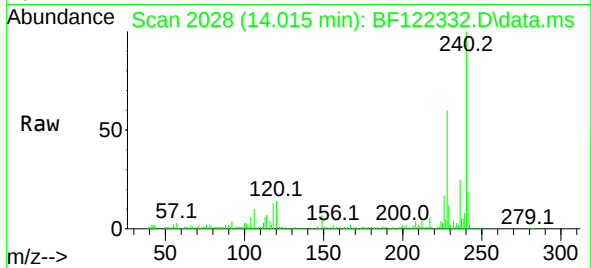
#81
Benzo(a)anthracene
Concen: 2.79 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

Tgt Ion:228 Resp: 125129
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.1 16.2 24.4

Instrument :
BNA_F
ClientSampled :
RBR-31

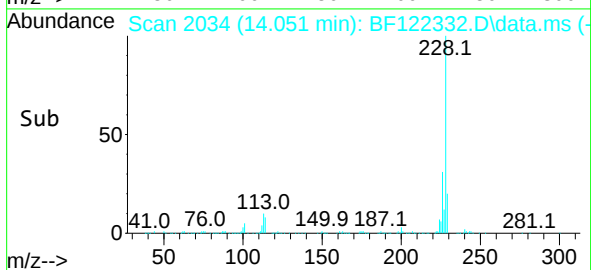
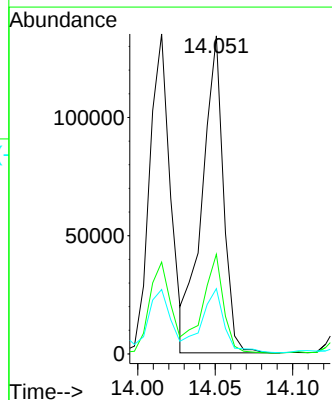
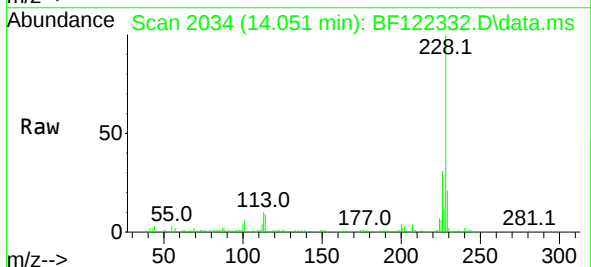
Manual Integrations
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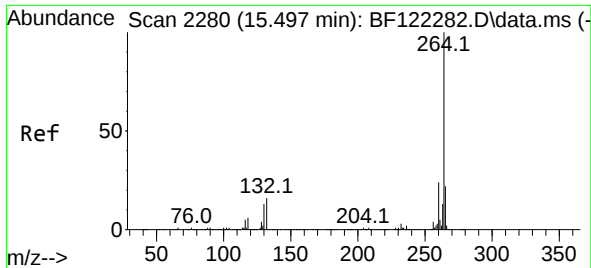
mohammad
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#83
Chrysene
Concen: 2.83 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

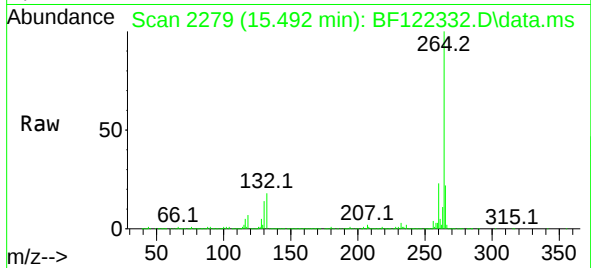
Tgt Ion:228 Resp: 127953
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.5 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

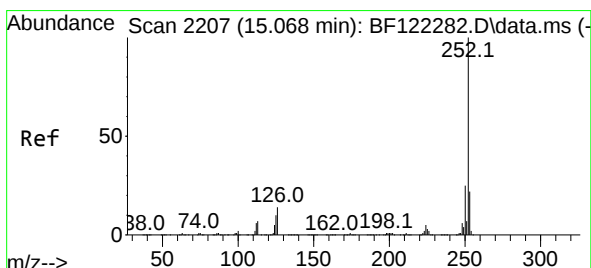
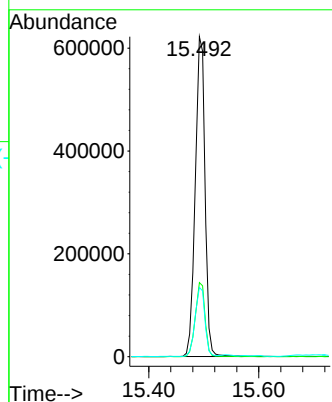
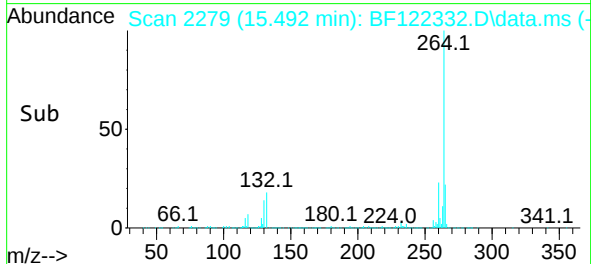
Instrument :
BNA_F
ClientSampled :
RBR-31



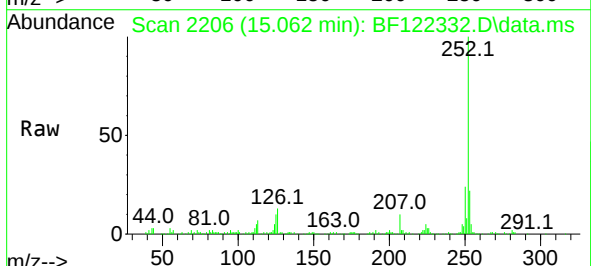
Tgt Ion:264 Resp: 765357
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.6 17.3 25.9

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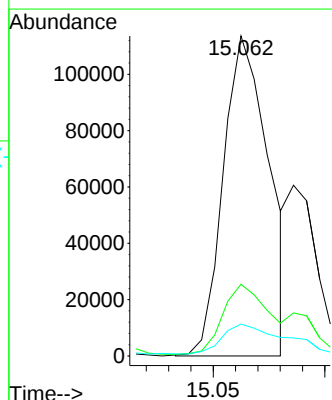
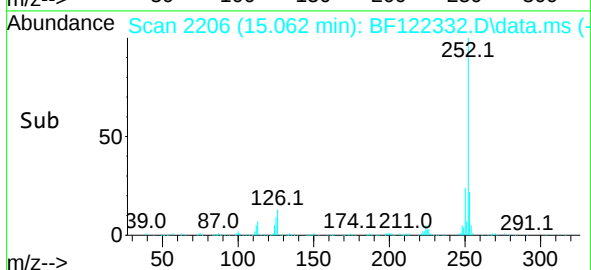
mohammad
11/19/2020 10:27:40 AM

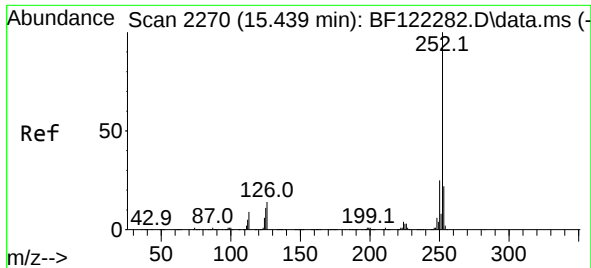


#88
Benzo(b)fluoranthene
Concen: 3.26 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41



Tgt Ion:252 Resp: 161419
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.9 8.0 12.0





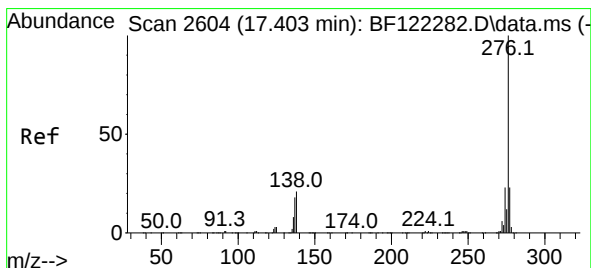
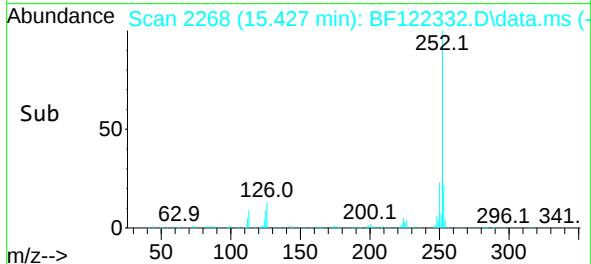
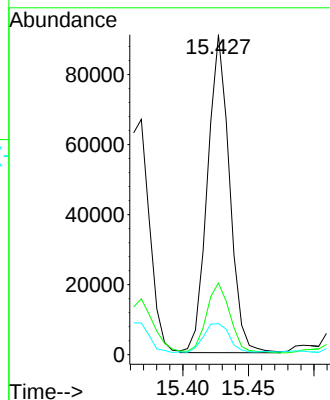
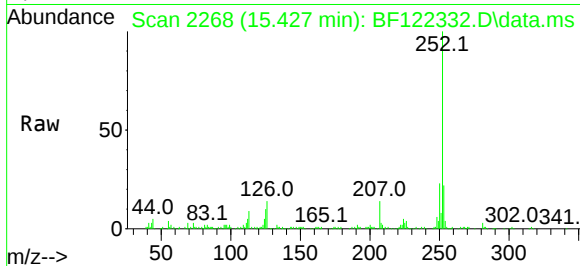
#90
Benzo(a)pyrene
Concen: 2.45 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.011 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

Tgt Ion:252 Resp: 106050
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.7 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
RBR-31

Manual Integrations
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11/19/2020 10:27:40 AM



#92
Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.017 min
Lab File: BF122332.D
Acq: 13 Nov 2020 16:41

Tgt Ion:276 Resp: 77497
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 21.6 17.8 26.6

