

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122528.D
 Acq On : 1 Dec 2020 18:31
 Operator : JU/CG
 Sample : L4910-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B47-113020-10-12.75

Manual Integrations
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Quant Time: Dec 01 23:55:40 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 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	203610	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	796262	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	429887	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	814185	20.00	ng	0.00
76) Chrysene-d12	14.027	240	609424	20.00	ng	0.00
86) Perylene-d12	15.504	264	593850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	905361	68.28	ng	0.00
7) Phenol-d6	6.487	99	1178033	67.91	ng	-0.01
23) Nitrobenzene-d5	7.416	82	746603	57.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	371051	80.42	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1420538	51.63	ng	0.00
79) Terphenyl-d14	12.974	244	1532041	53.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	40404	2.37	ng	# 75
50) Dimethylphthalate	9.610	163	245137	8.02	ng	99
71) Phenanthrene	11.410	178	259611	5.62	ng	99
75) Fluoranthene	12.598	202	441383	9.15	ng	97
78) Pyrene	12.827	202	542767	12.68	ng	99
81) Benzo(a)anthracene	14.015	228	283228	7.47	ng	95
83) Chrysene	14.051	228	284014m	7.44	ng	
87) Indeno(1,2,3-cd)pyrene	16.968	276	362883m	10.18	ng	
88) Benzo(b)fluoranthene	15.074	252	577450m	15.01	ng	
89) Benzo(k)fluoranthene	15.098	252	124676m	3.32	ng	
90) Benzo(a)pyrene	15.439	252	481967	14.37	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	82516m	2.76	ng	
92) Benzo(g,h,i)perylene	17.415	276	422338	14.55	ng	98

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

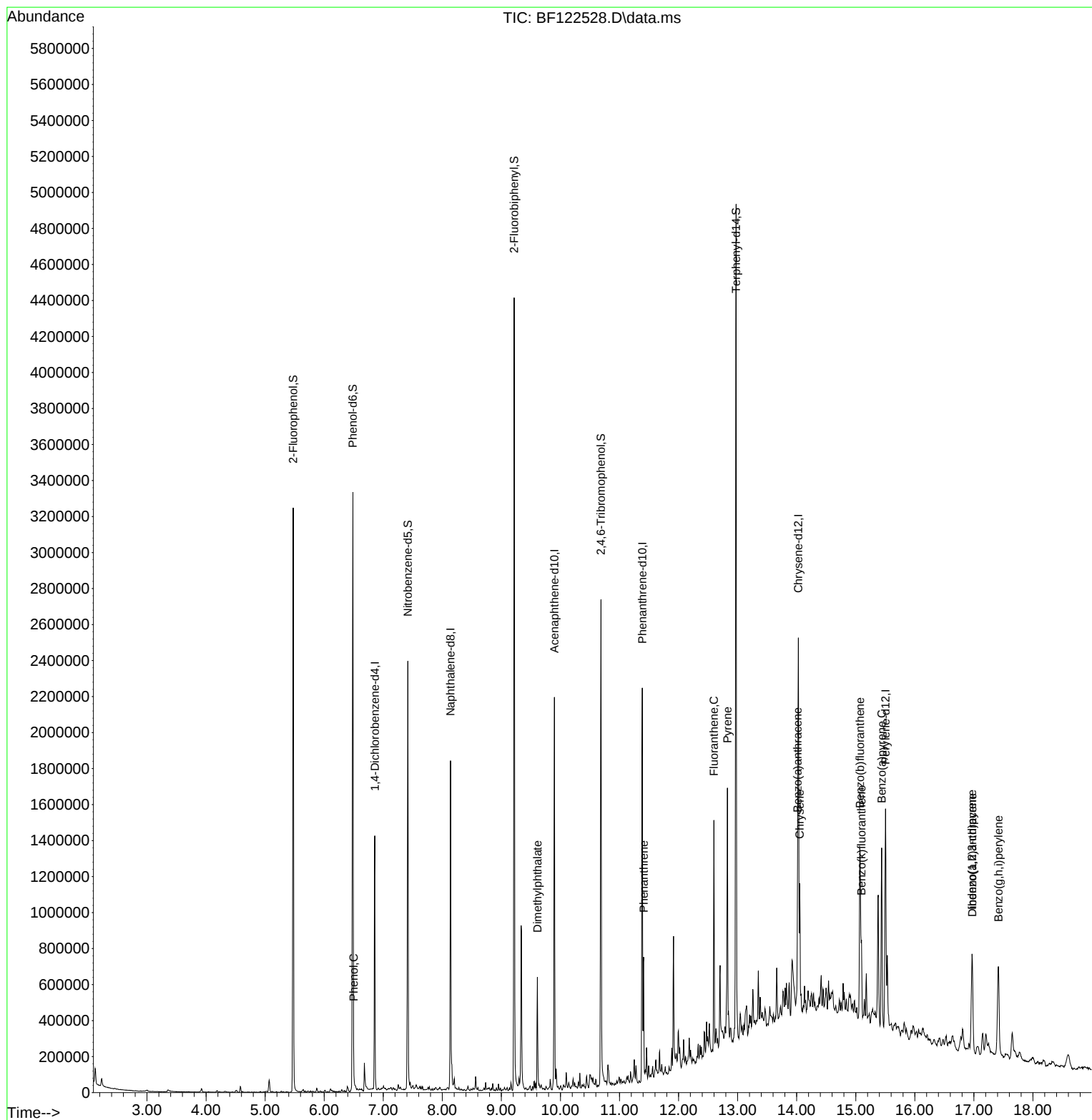
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Data File : BF122528.D
Acq On : 1 Dec 2020 18:31
Operator : JU/CG
Sample : L4910-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

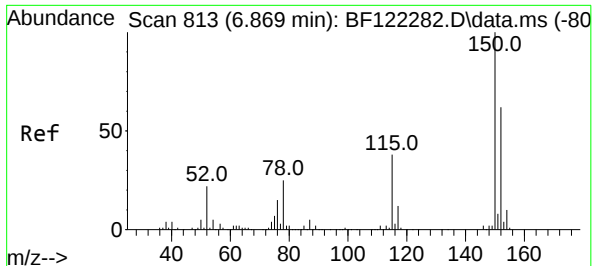
Instrument :
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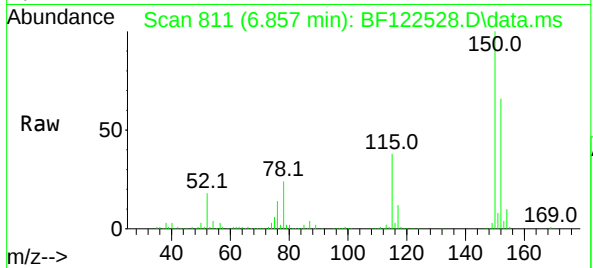
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Quant Time: Dec 01 23:55:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
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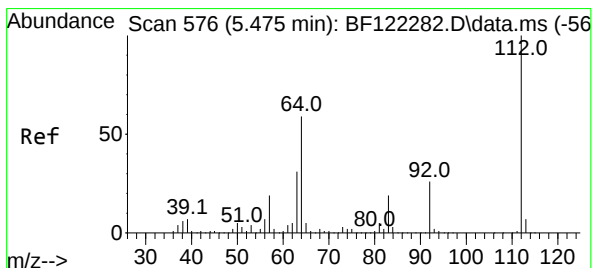
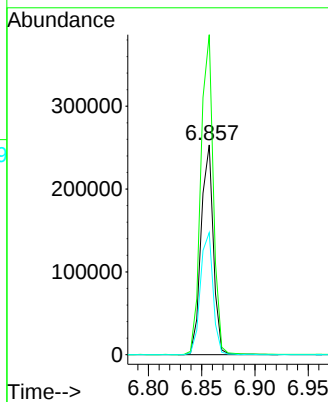
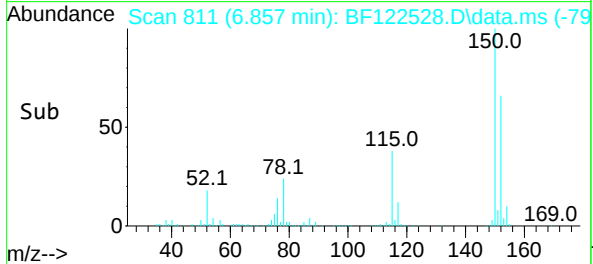




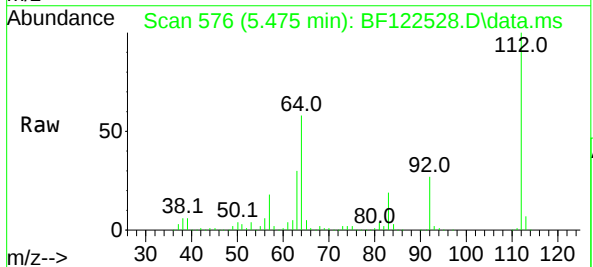
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



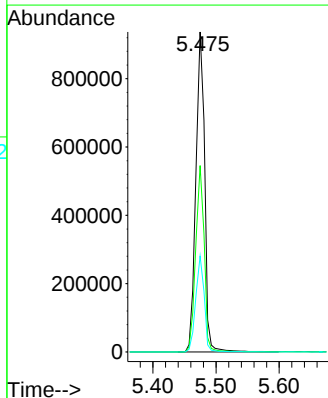
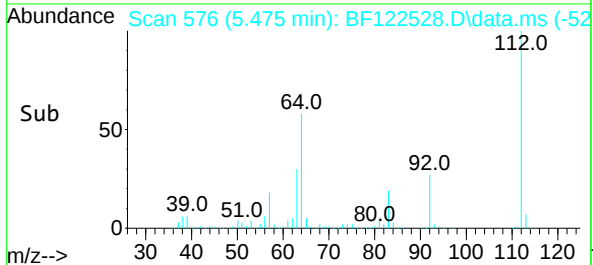
Tgt Ion:152 Resp: 203610
Ion Ratio Lower Upper
152 100
150 152.6 125.3 187.9
115 58.2 51.9 77.9



#5
2-Fluorophenol
Concen: 68.28 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



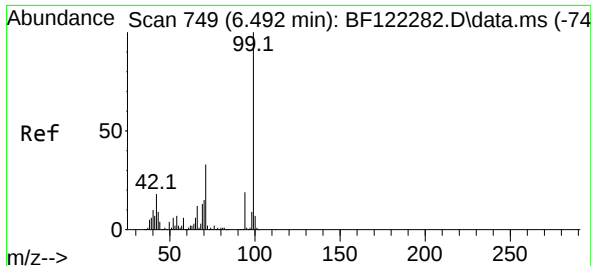
Tgt Ion:112 Resp: 905361
Ion Ratio Lower Upper
112 100
64 58.2 50.4 75.6
63 30.0 25.8 38.6



Instrument :
BNA_F
ClientSampleId :
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#7
Phenol-d6
Concen: 67.91 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

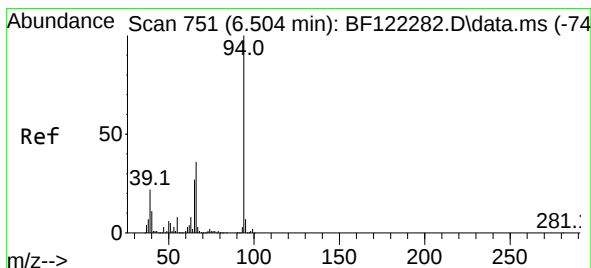
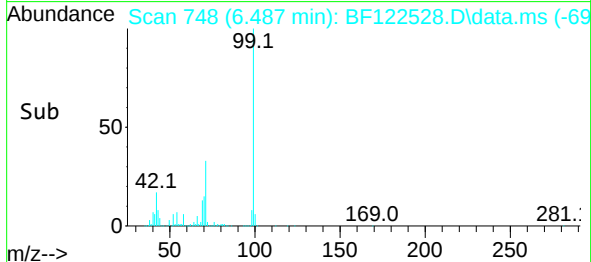
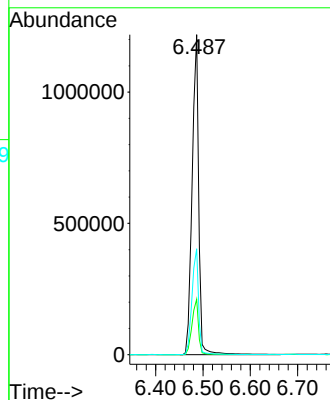
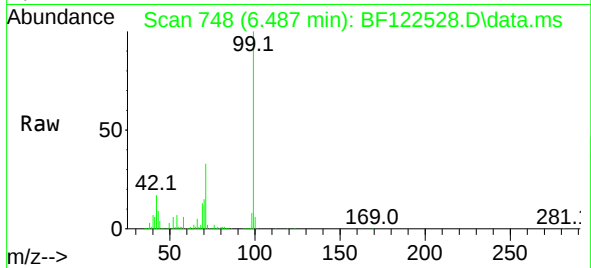
Tgt Ion: 99 Resp: 1178033

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.9	23.9
71	33.1	27.1	40.7

Instrument :
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ClientSampleId :
PAV-B47-113020-10-12.75

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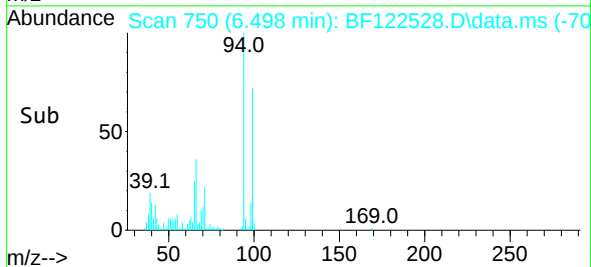
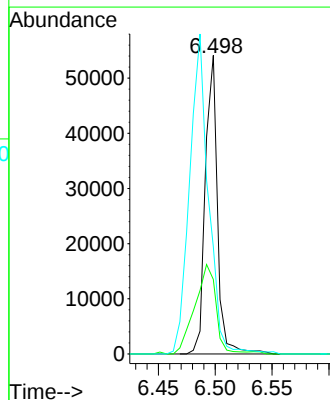
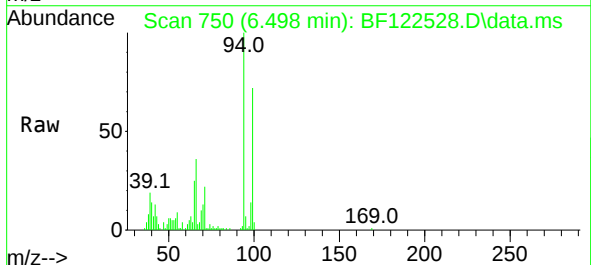
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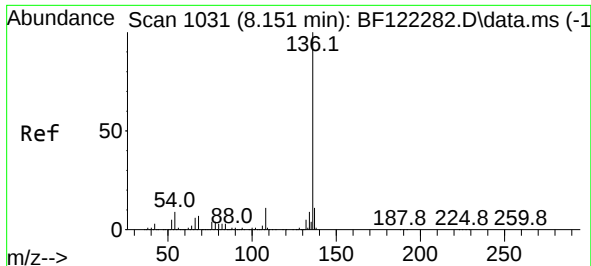


#10
Phenol
Concen: 2.37 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion: 94 Resp: 40404

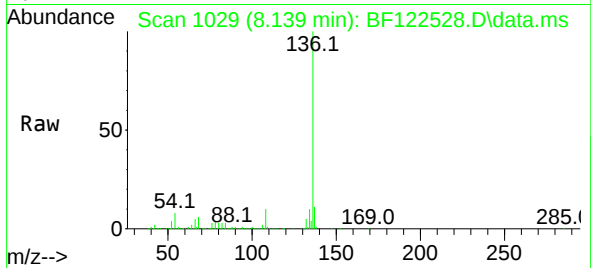
Ion	Ratio	Lower	Upper
94	100		
65	25.0	17.1	57.1
66	35.9	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

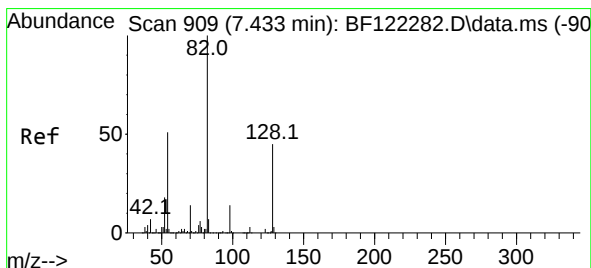
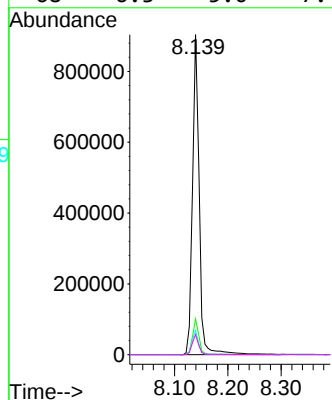
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75



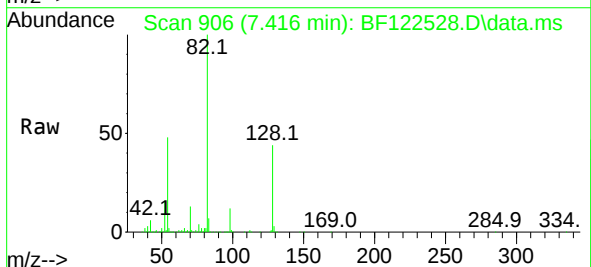
Tgt Ion:	136	Resp:	796262
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	7.6	7.1	10.7
68	6.3	5.0	7.4

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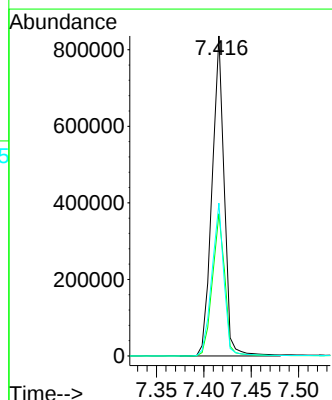
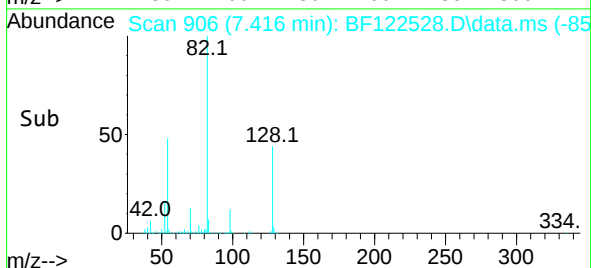
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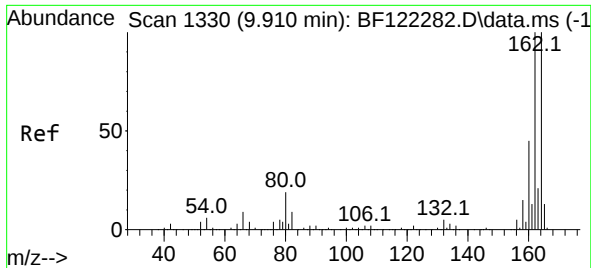


#23
Nitrobenzene-d5
Concen: 57.40 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



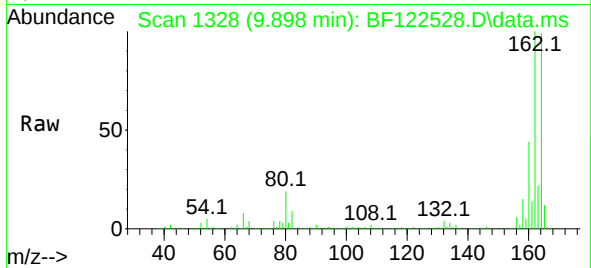
Tgt Ion:	82	Resp:	746603
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.0	52.4
54	47.7	43.9	65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

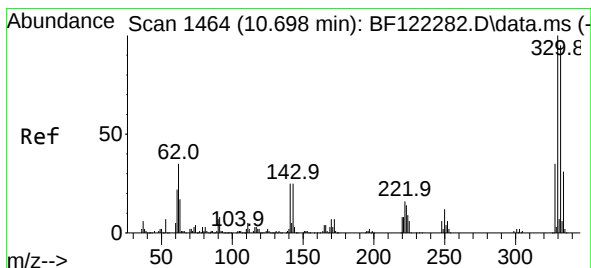
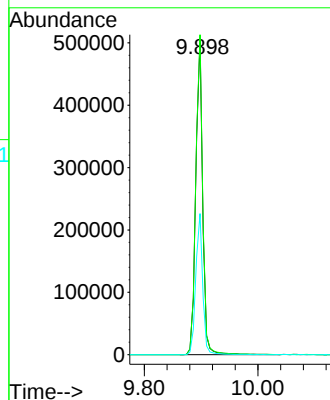
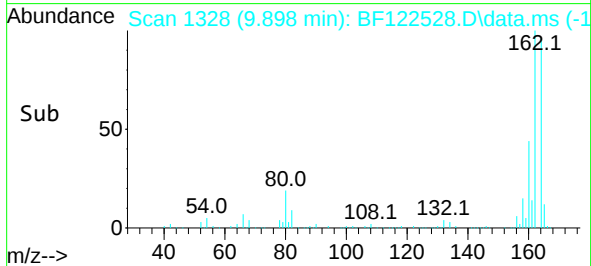
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75



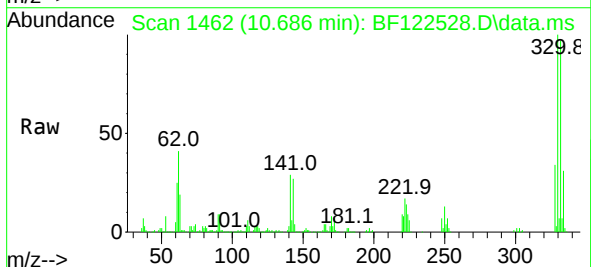
Tgt Ion:164 Resp: 429887
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 44.7 37.5 56.3

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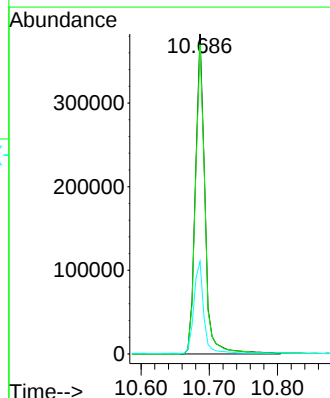
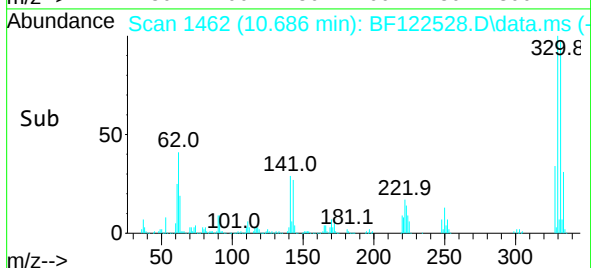
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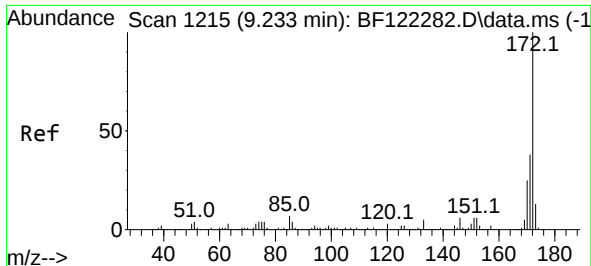


#42
2,4,6-Tribromophenol
Concen: 80.42 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

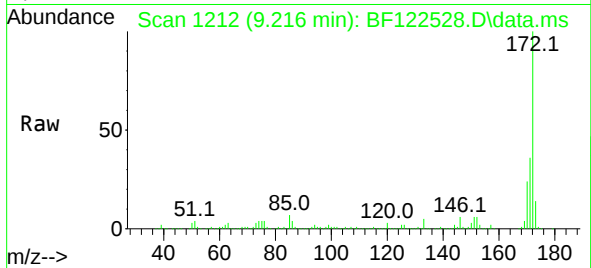


Tgt Ion:330 Resp: 371051
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 29.7 22.3 33.5

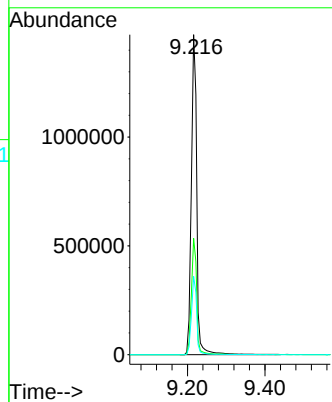
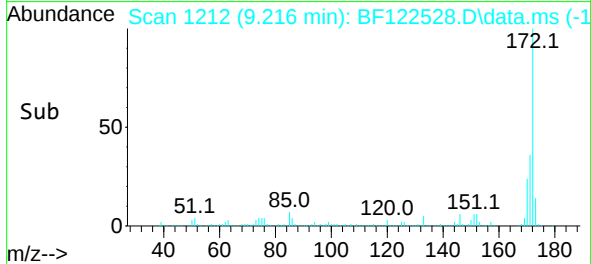




#45
2-Fluorobiphenyl
Concen: 51.63 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



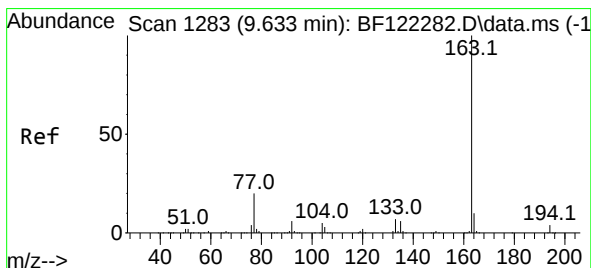
Tgt Ion:172 Resp: 1420538
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.4 19.8 29.6



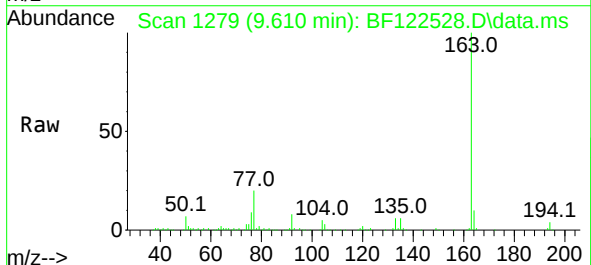
Instrument :
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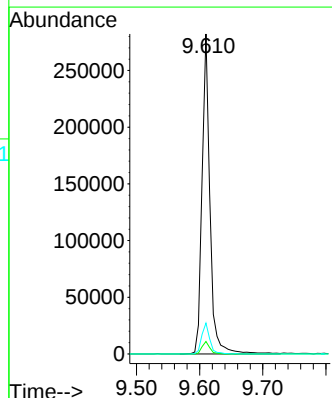
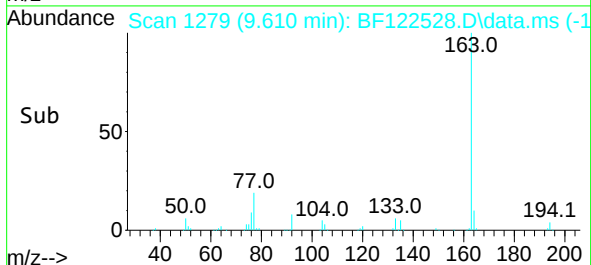
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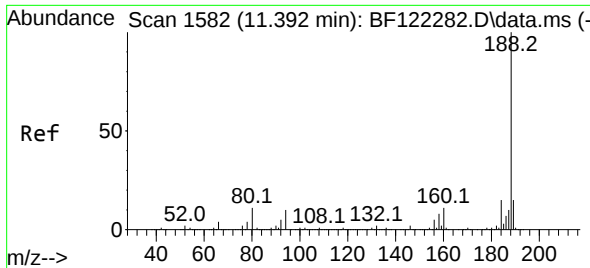


#50
Dimethylphthalate
Concen: 8.02 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

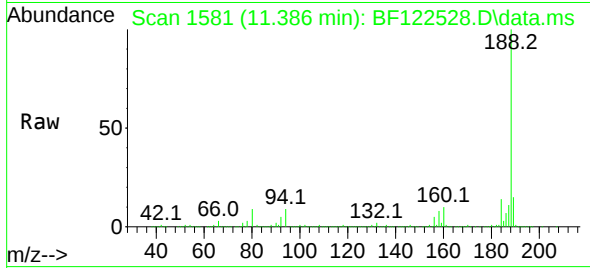


Tgt Ion:163 Resp: 245137
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.2 12.4

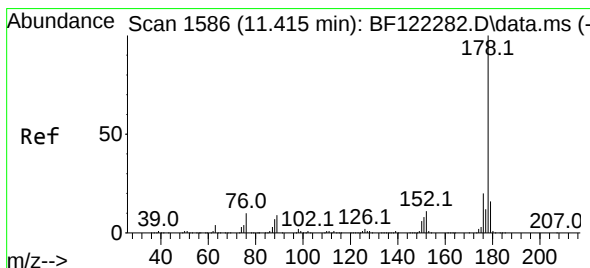
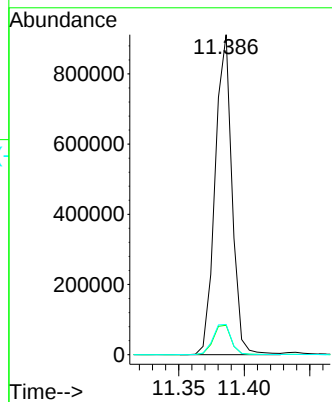
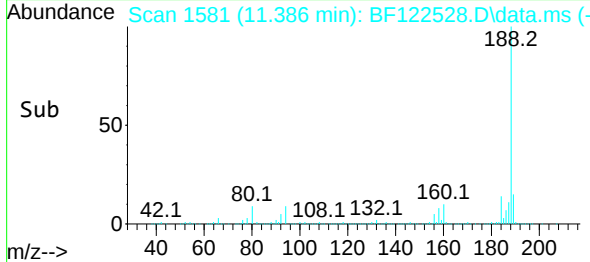




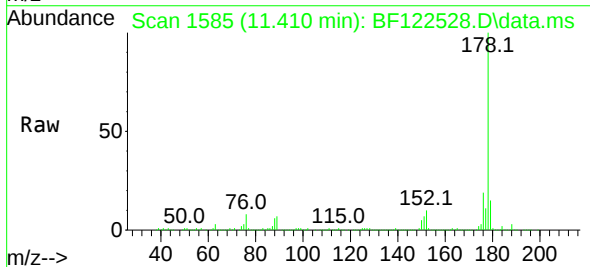
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



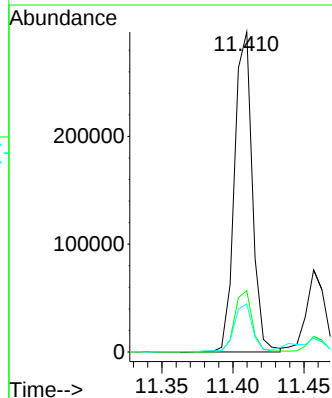
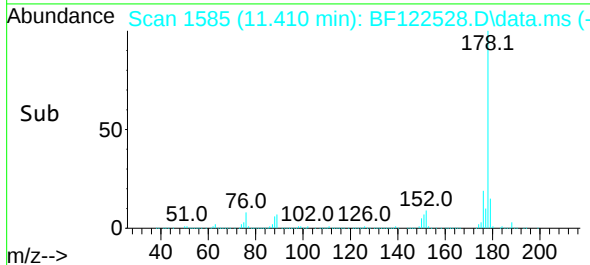
Tgt Ion:188 Resp: 814185
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.4 9.1 13.7



#71
Phenanthrene
Concen: 5.62 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



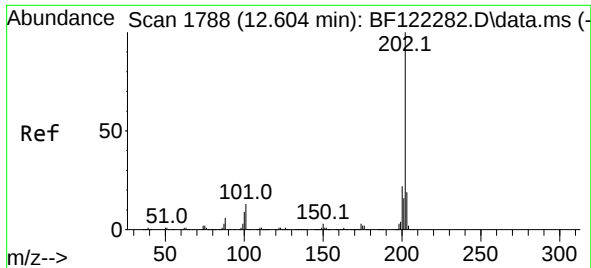
Tgt Ion:178 Resp: 259611
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.1 12.2 18.4



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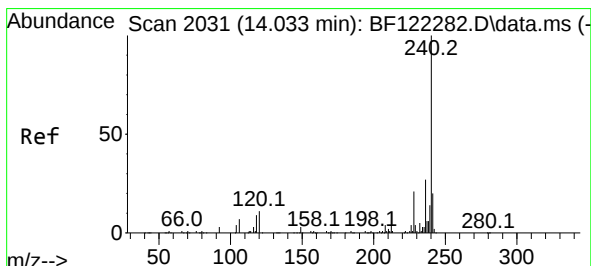
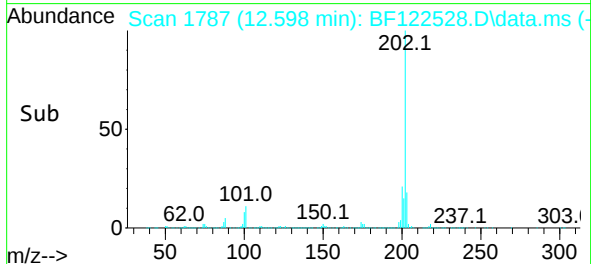
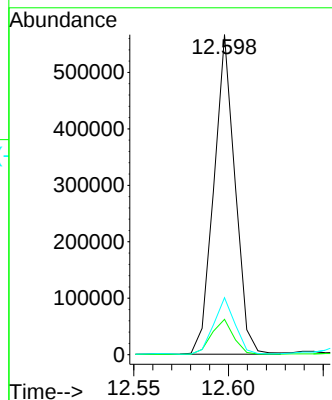
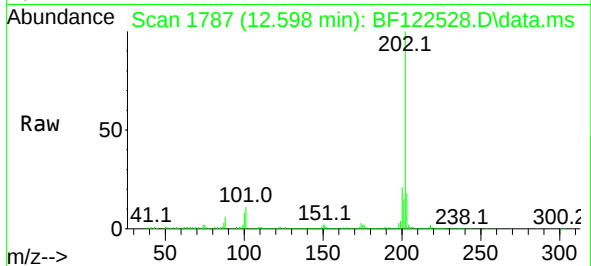
#75
Fluoranthene
Concen: 9.15 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:202 Resp: 441383
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.8 0.0 37.9

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

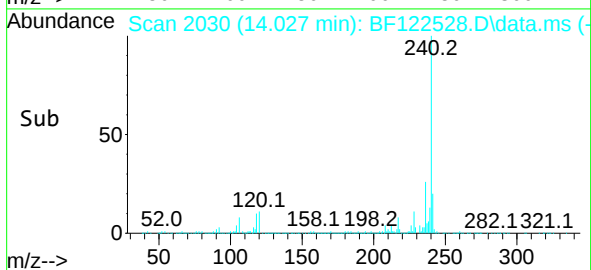
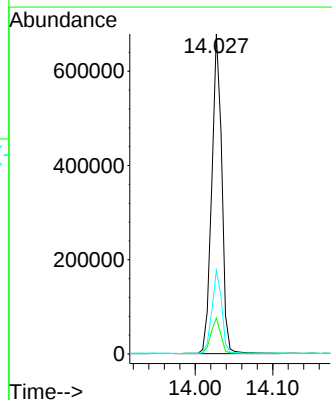
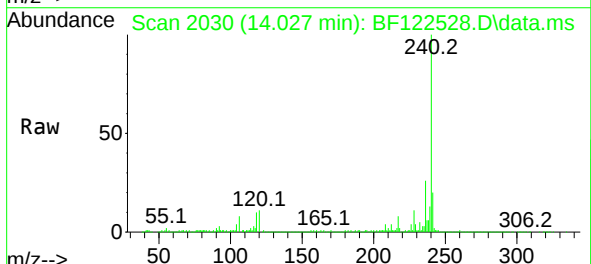
Manual Integrations
APPROVED

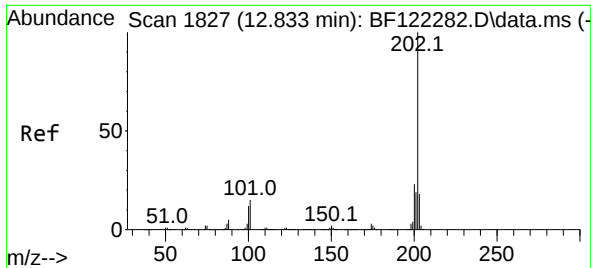
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:240 Resp: 609424
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.1 20.9 31.3





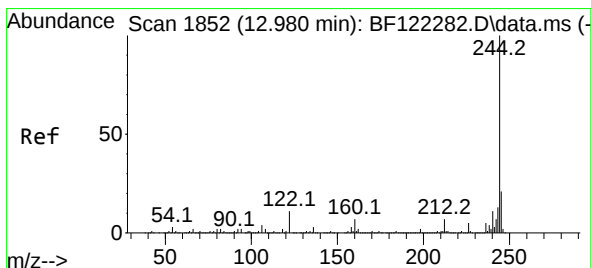
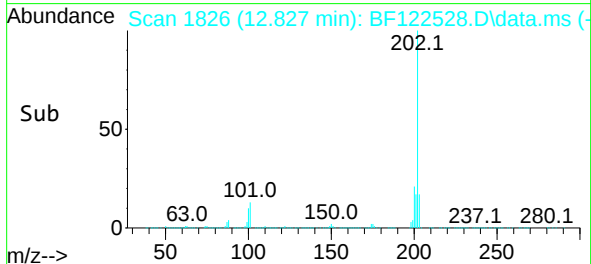
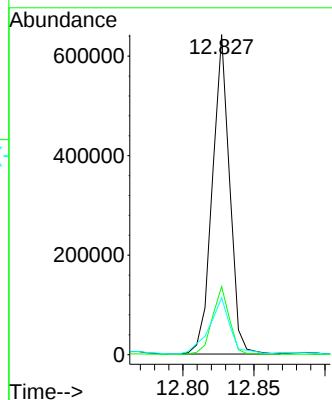
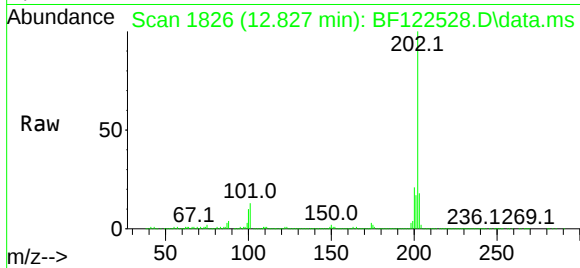
#78
Pyrene
Concen: 12.68 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:202 Resp: 542767
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

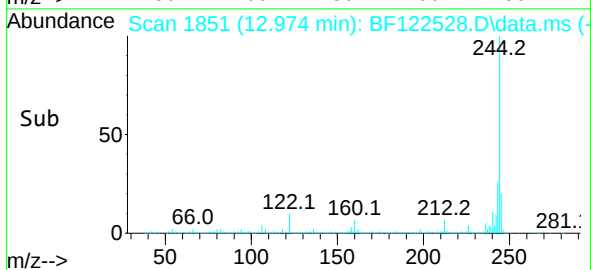
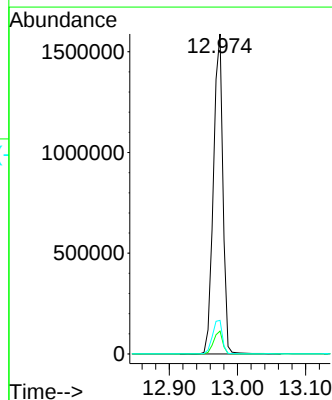
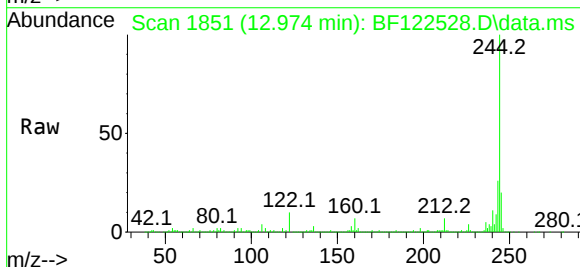
Manual Integrations
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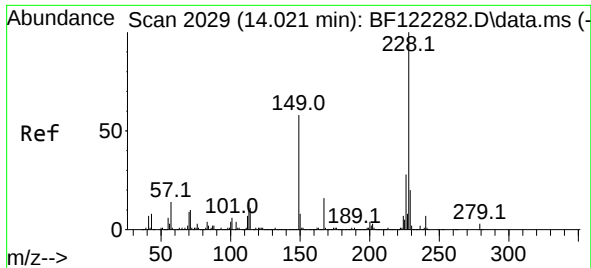
mohammad
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#79
Terphenyl-d14
Concen: 53.26 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:244 Resp: 1532041
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.5 8.1 12.1





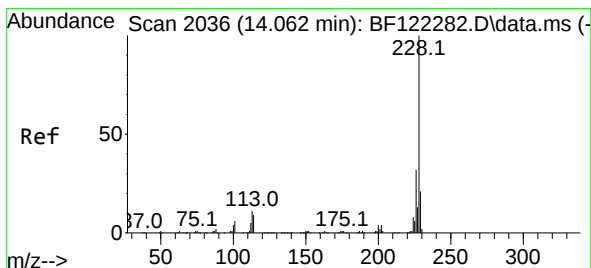
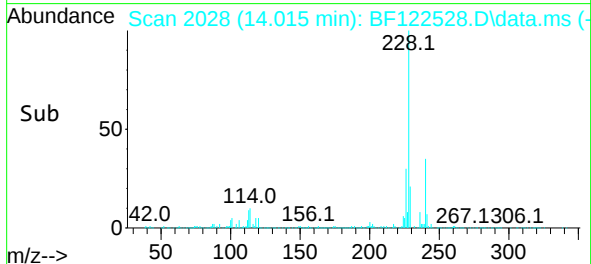
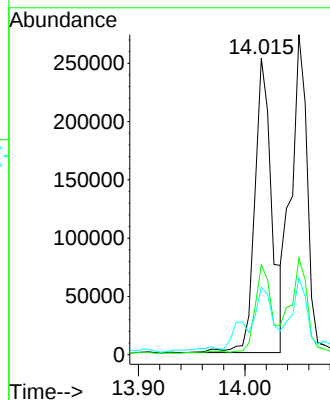
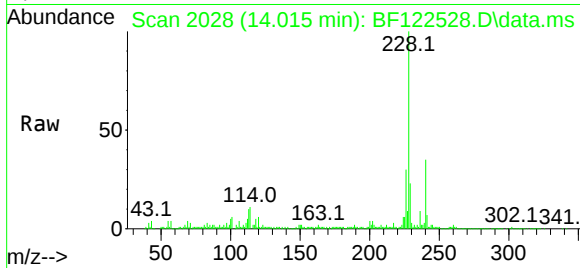
#81
Benzo(a)anthracene
Concen: 7.47 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:228 Resp: 283228
Ion Ratio Lower Upper
228 100
226 30.4 22.3 33.5
229 22.8 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

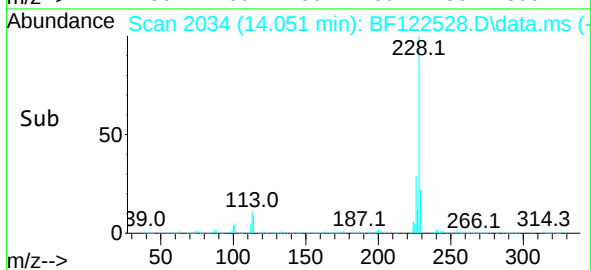
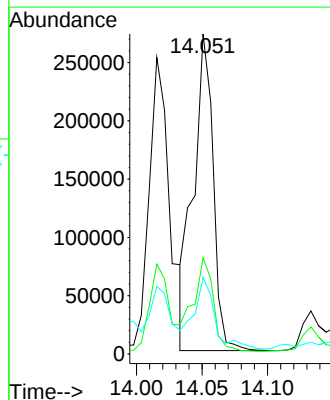
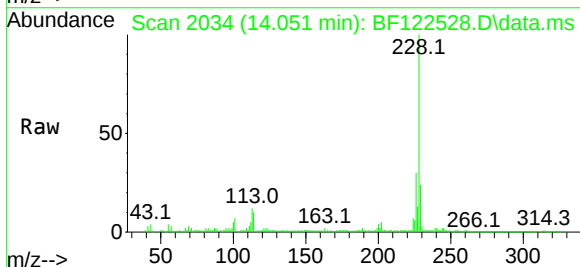
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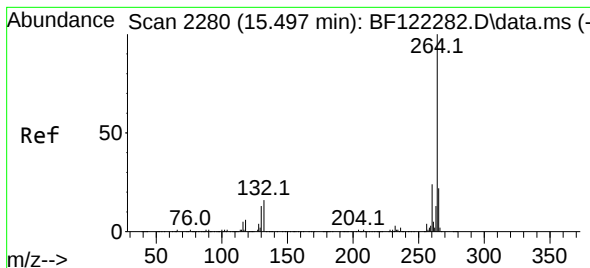
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#83
Chrysene
Concen: 7.44 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

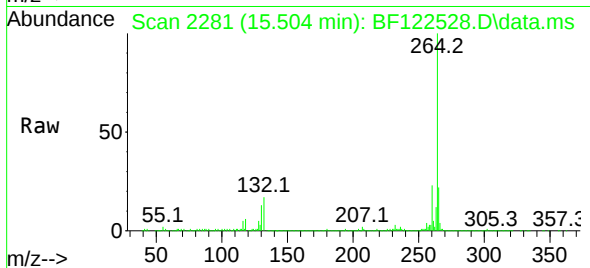
Tgt Ion:228 Resp: 284014
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 24.0 15.9 23.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

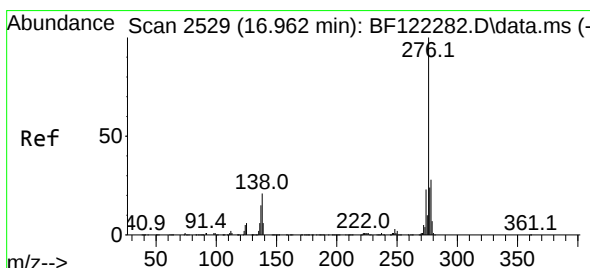
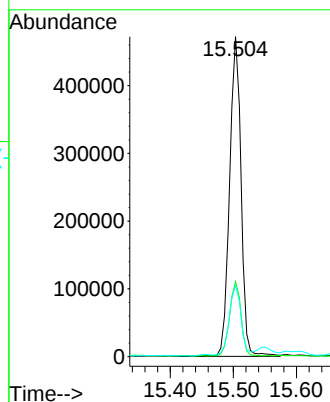
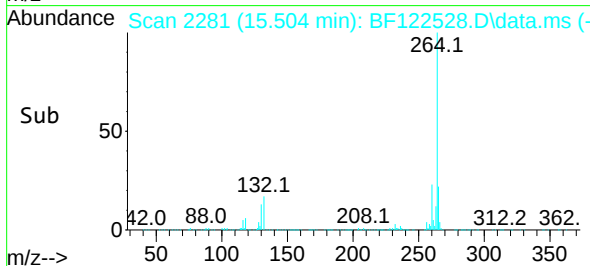
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75



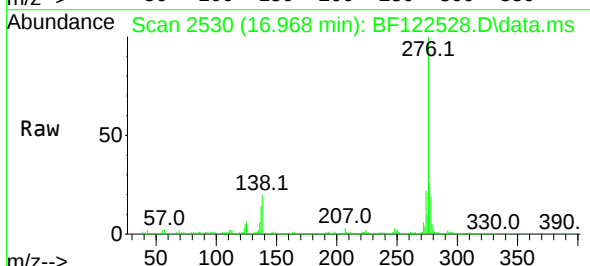
Tgt Ion:264 Resp: 593850
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.3 17.3 25.9

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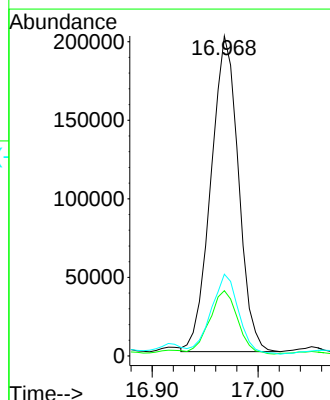
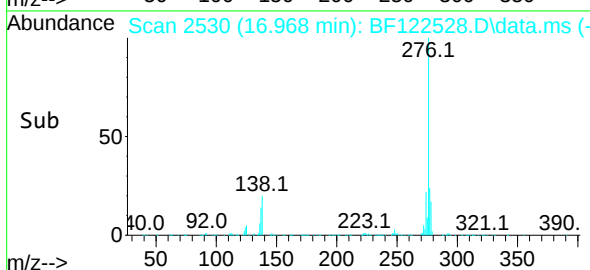
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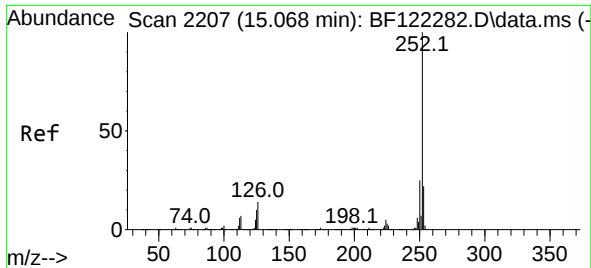


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.18 ng m
RT: 16.968 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



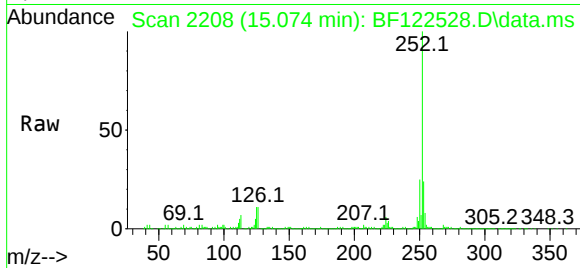
Tgt Ion:276 Resp: 362883
Ion Ratio Lower Upper
276 100
138 4.1 19.9 29.9#
277 4.9 20.4 30.6#





#88
Benzo(b)fluoranthene
Concen: 15.01 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

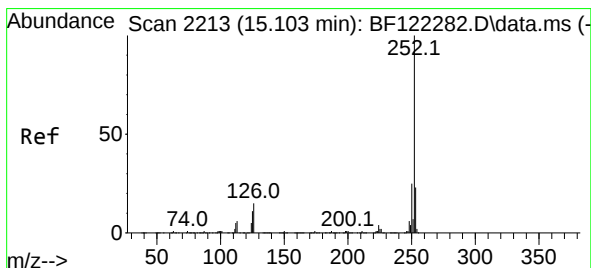
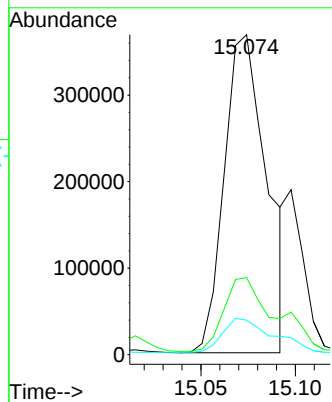
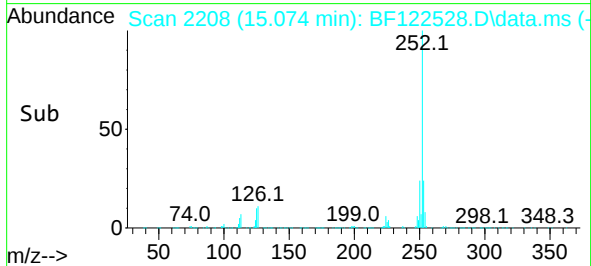
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75



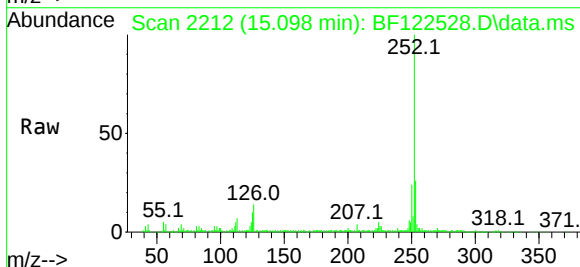
Tgt Ion:252 Resp: 577450
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 10.8 8.0 12.0

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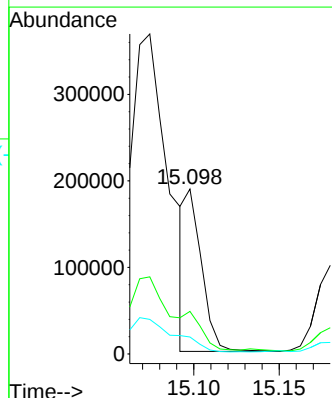
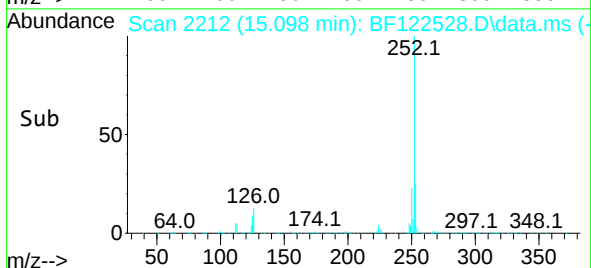
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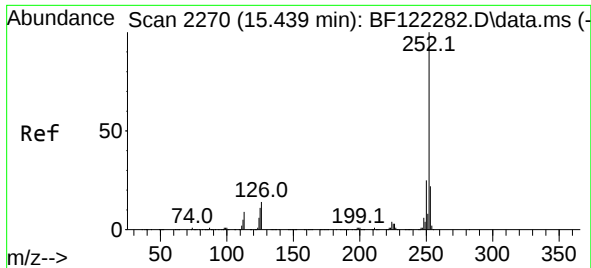


#89
Benzo(k)fluoranthene
Concen: 3.32 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31



Tgt Ion:252 Resp: 124676
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.6
125 10.3 7.7 11.5





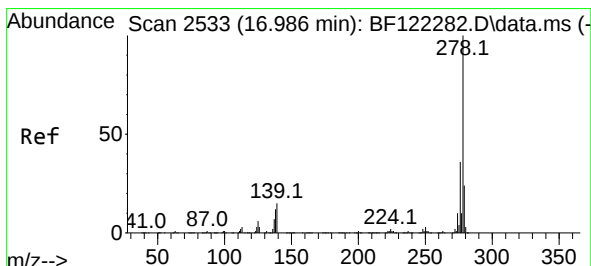
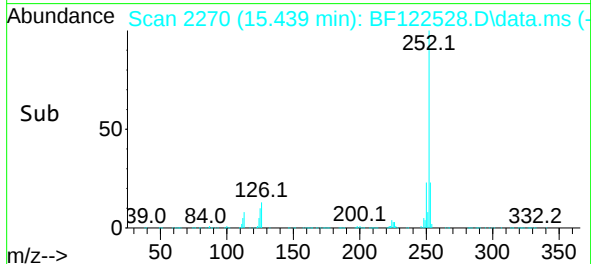
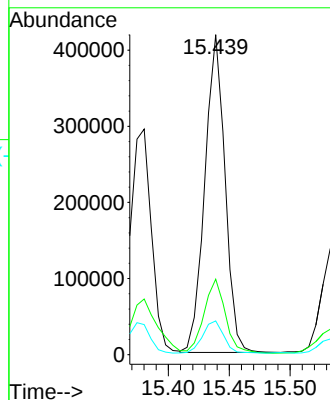
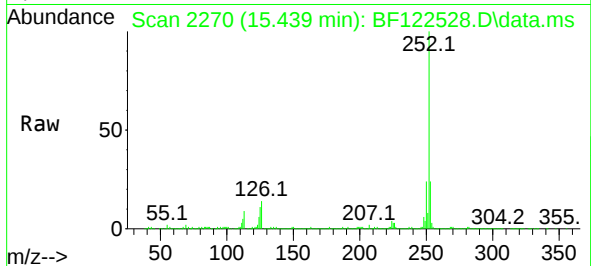
#90
Benzo(a)pyrene
Concen: 14.37 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:252 Resp: 481967
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 10.5 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-10-12.75

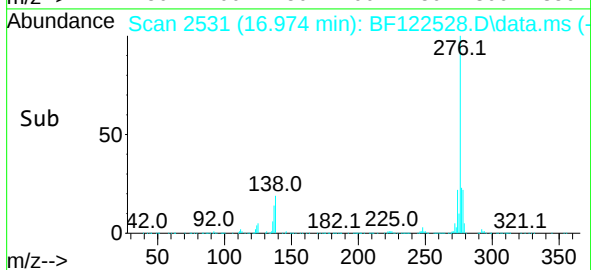
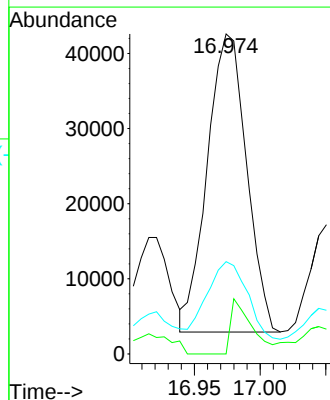
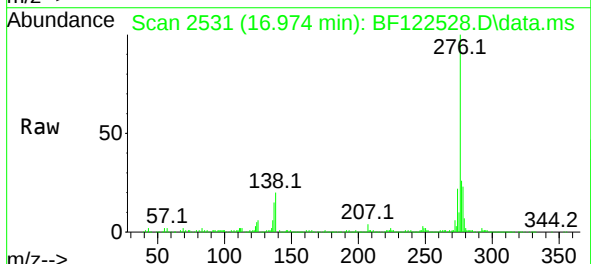
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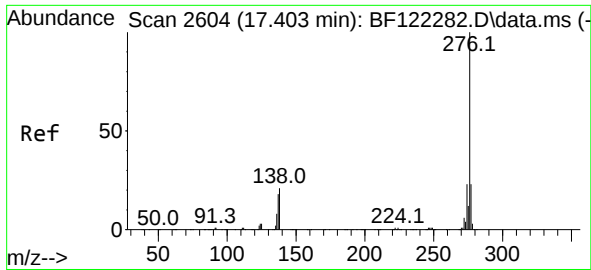
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#91
Dibenzo(a,h)anthracene
Concen: 2.76 ng m
RT: 16.974 min Scan# 2531
Delta R.T. -0.018 min
Lab File: BF122528.D
Acq: 1 Dec 2020 18:31

Tgt Ion:278 Resp: 82516
Ion Ratio Lower Upper
278 100
139 0.0 13.0 19.4#
279 28.8 19.0 28.4#





#92

Benzo(g,h,i)perylene

Concen: 14.55 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF122528.D

Acq: 1 Dec 2020 18:31

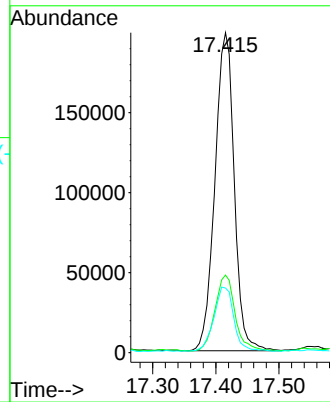
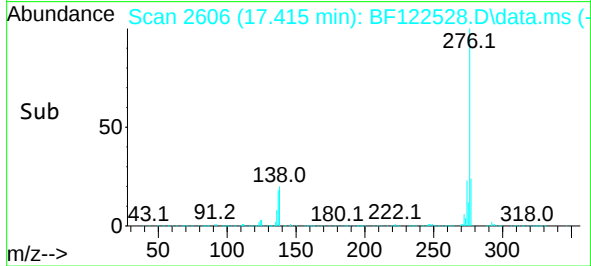
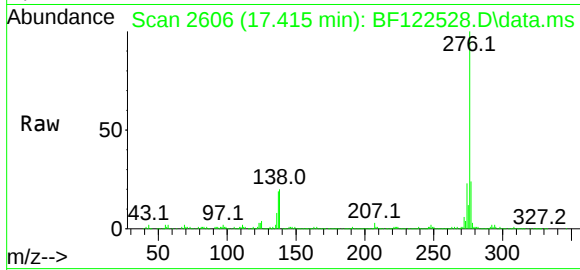
Tgt Ion: 276 Resp: 422338

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 20.2 17.8 26.6



Instrument :

BNA_F

ClientSampleId :

PAV-B47-113020-10-12.75

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