

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122482.D
 Acq On : 25 Nov 2020 13:49
 Operator : JU/CG
 Sample : L4885-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-112420

Manual Integrations
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mohammad
 11/27/2020 11:42:16 AM

Quant Time: Nov 25 14:21:14 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	214052	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	822835	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	442443	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	754823	20.00	ng	0.00
76) Chrysene-d12	14.021	240	514424	20.00	ng	-0.01
86) Perylene-d12	15.492	264	547464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	585000	41.97	ng	0.00
7) Phenol-d6	6.487	99	728069	39.92	ng	-0.01
23) Nitrobenzene-d5	7.416	82	457007	34.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	224296	47.23	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	899614	31.77	ng	0.00
79) Terphenyl-d14	12.968	244	819447	33.75	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.610	163	175542	5.58	ng	98
71) Phenanthrene	11.404	178	303759	7.09	ng	98
75) Fluoranthene	12.598	202	298032	6.67	ng	96
78) Pyrene	12.821	202	251140	6.95	ng	99
81) Benzo(a)anthracene	14.010	228	87706	2.74	ng	97
83) Chrysene	14.045	228	89498m	2.78	ng	
88) Benzo(b)fluoranthene	15.062	252	91954m	2.59	ng	
90) Benzo(a)pyrene	15.427	252	73372	2.37	ng	# 88

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

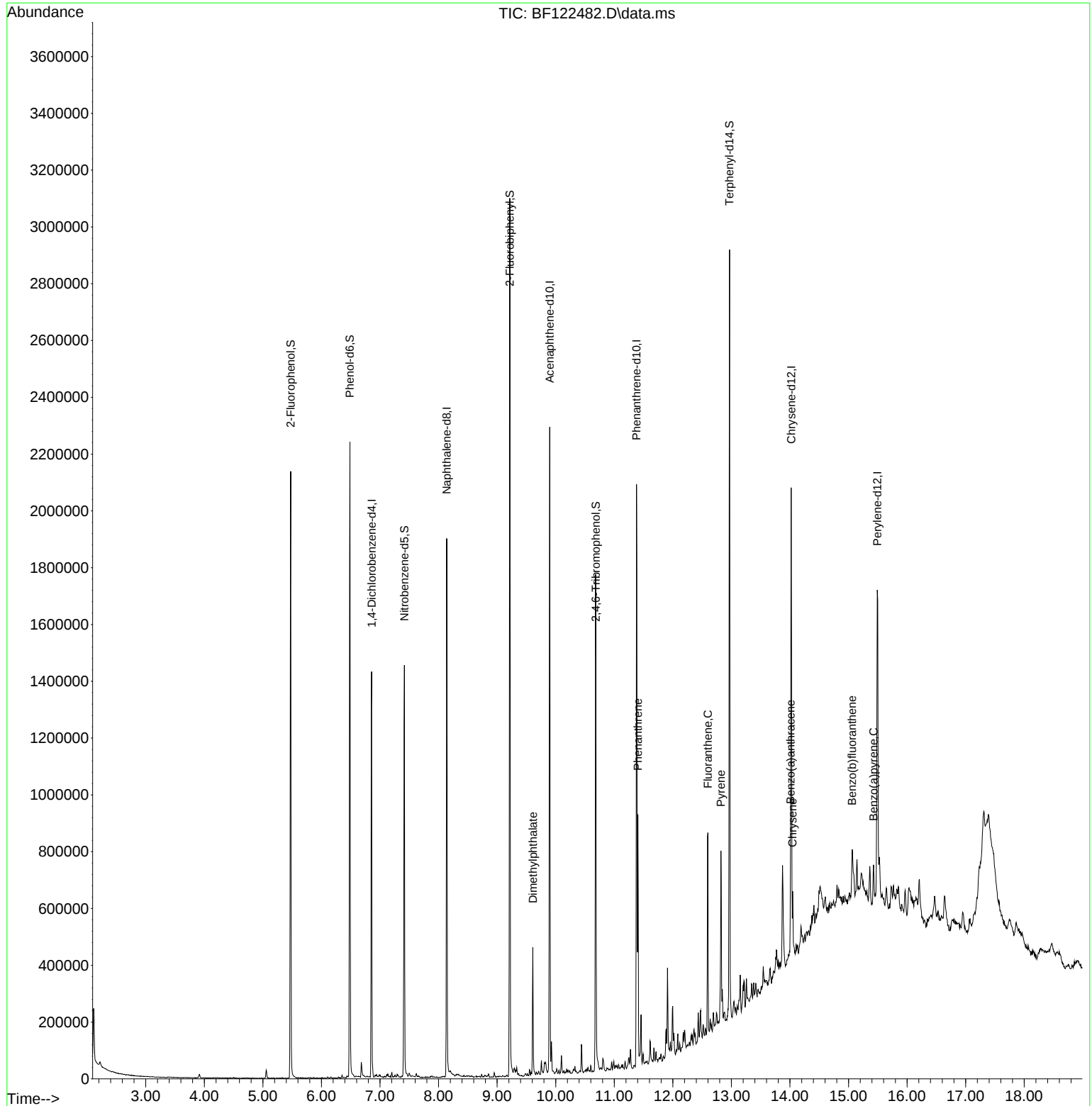
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
Data File : BF122482.D
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ALS Vial : 9 Sample Multiplier: 1

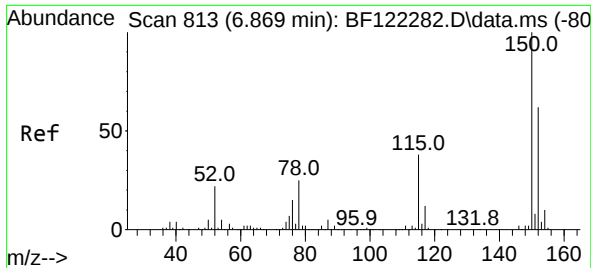
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Quant Time: Nov 25 14:21:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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Response via : Initial Calibration





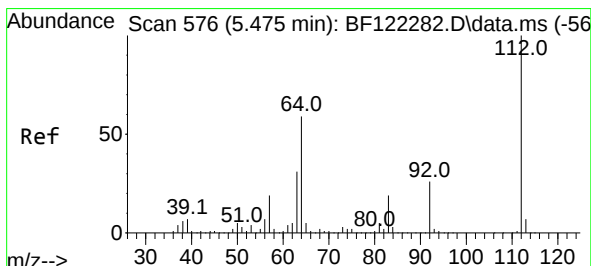
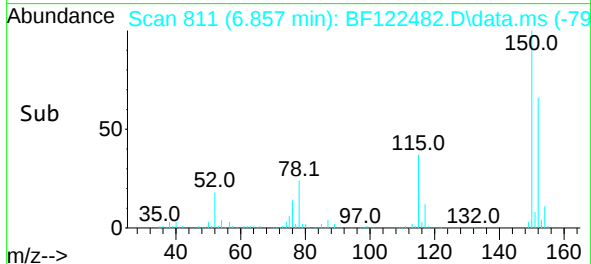
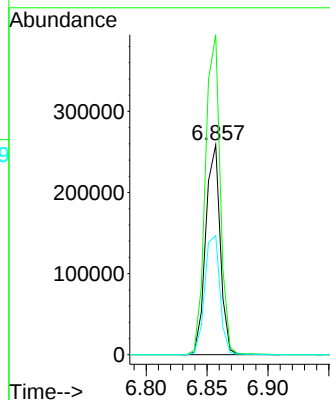
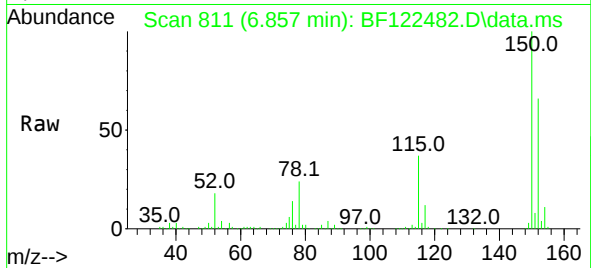
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:152 Resp: 214052
Ion Ratio Lower Upper
152 100
150 152.6 125.3 187.9
115 56.7 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

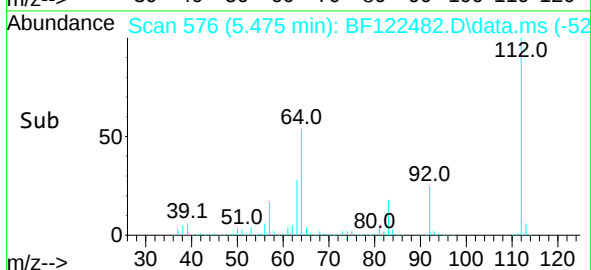
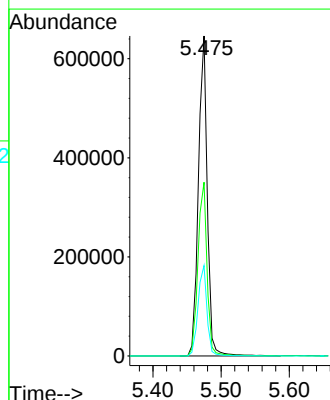
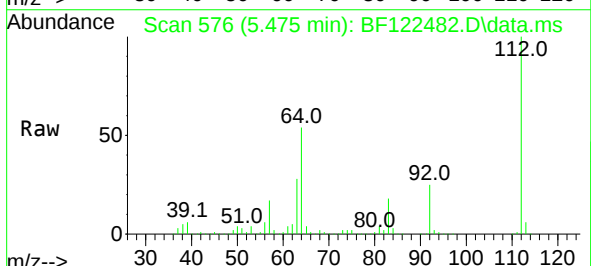
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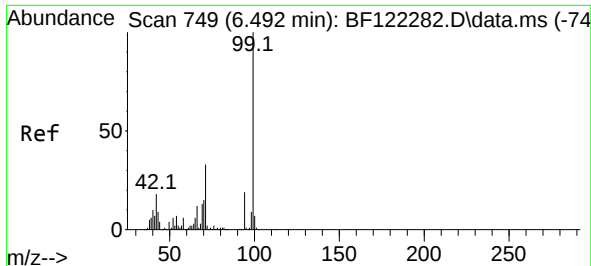
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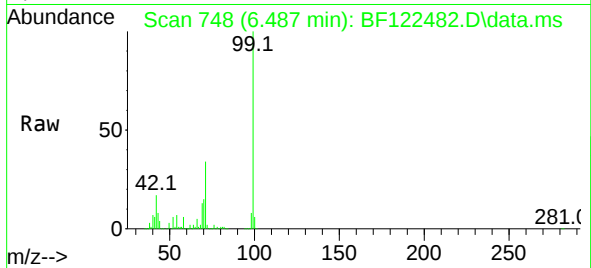
#5
2-Fluorophenol
Concen: 41.97 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:112 Resp: 585000
Ion Ratio Lower Upper
112 100
64 54.3 50.4 75.6
63 28.2 25.8 38.6

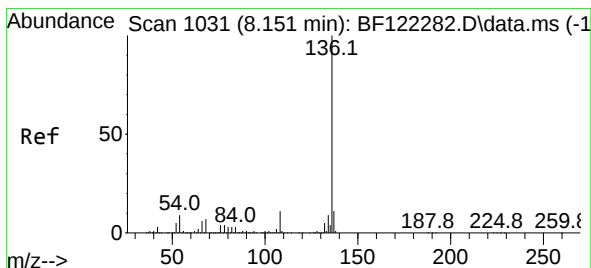
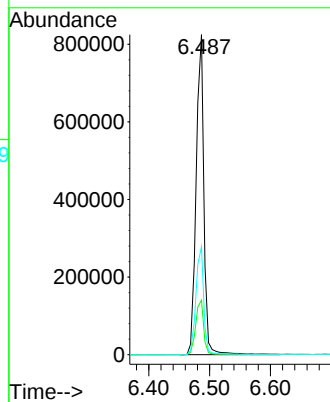
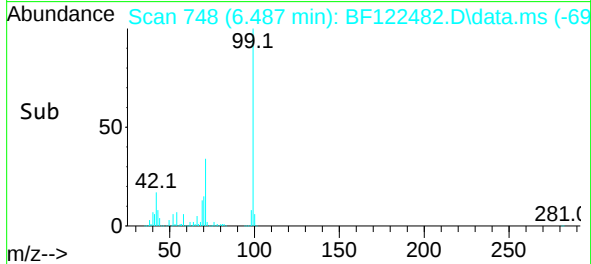




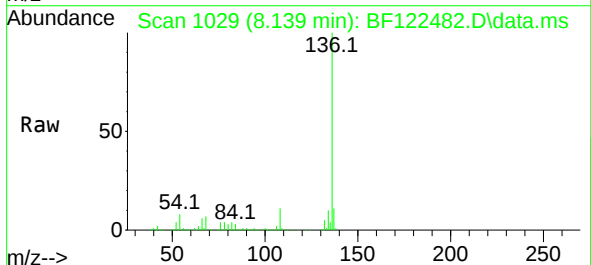
#7
Phenol-d6
Concen: 39.92 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49



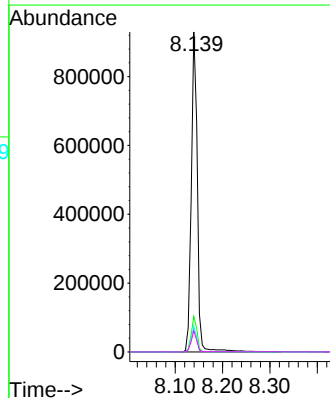
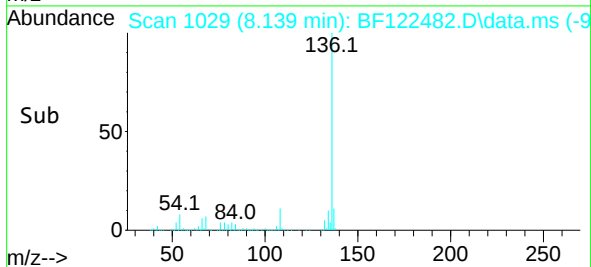
Tgt Ion: 99 Resp: 728069
Ion Ratio Lower Upper
99 100
42 17.1 15.9 23.9
71 33.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49



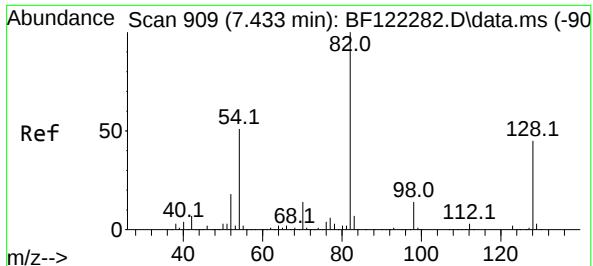
Tgt Ion: 136 Resp: 822835
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.1 10.7
68 6.6 5.0 7.4



Instrument :
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#23

Nitrobenzene-d5

Concen: 34.00 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF122482.D

Acq: 25 Nov 2020 13:49

Tgt Ion: 82 Resp: 457007

Ion Ratio Lower Upper

82 100

128 47.4 35.0 52.4

54 47.3 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

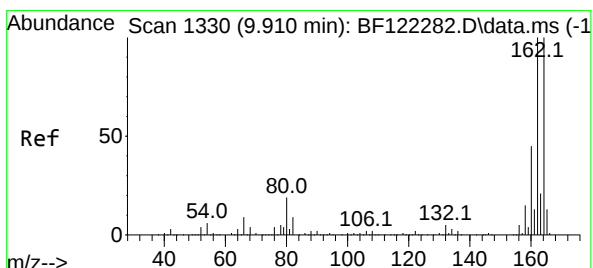
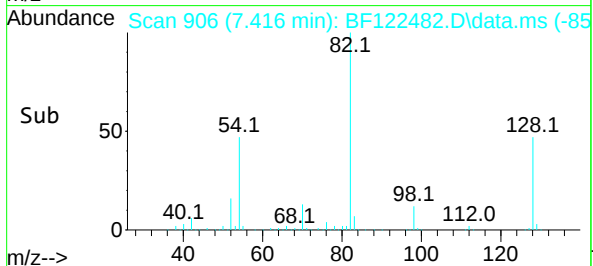
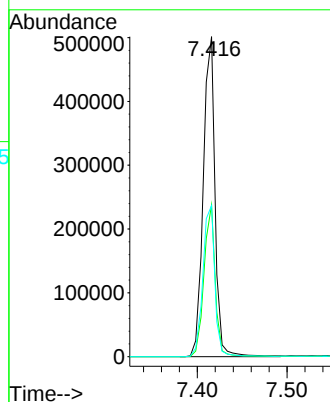
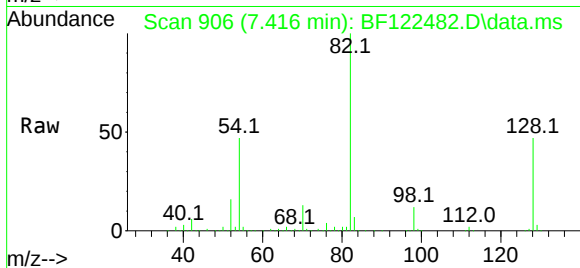
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF122482.D

Acq: 25 Nov 2020 13:49

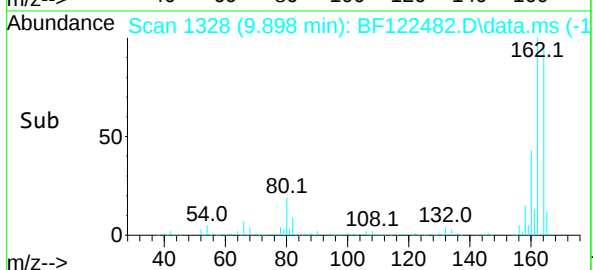
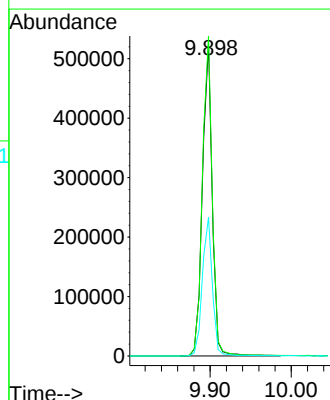
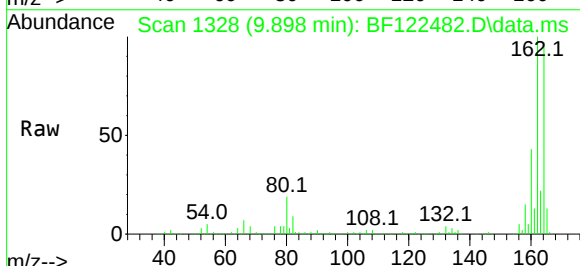
Tgt Ion:164 Resp: 442443

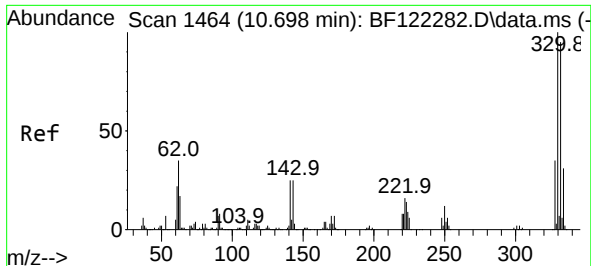
Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

160 44.4 37.5 56.3





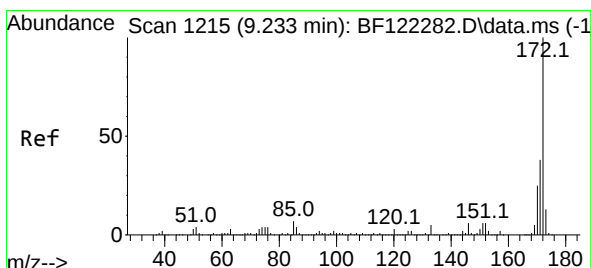
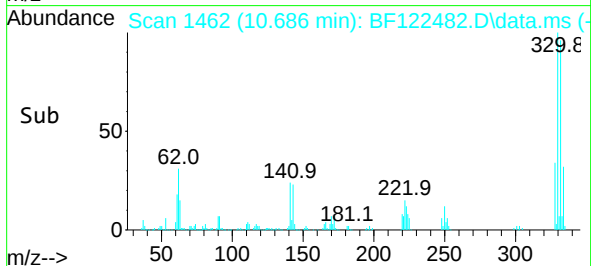
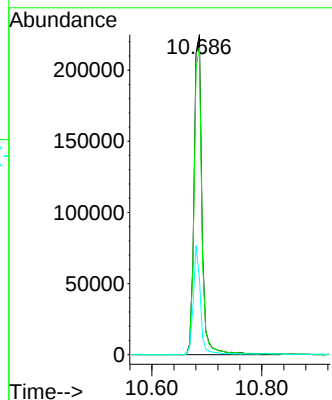
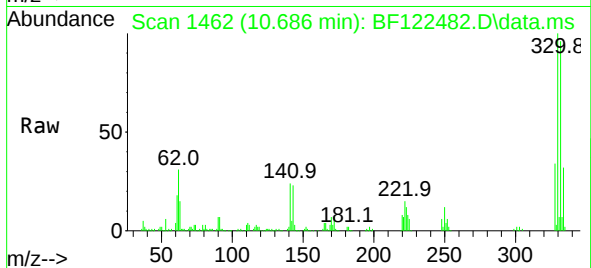
#42
2,4,6-Tribromophenol
Concen: 47.23 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion: 330 Resp: 224296
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 31.0 22.3 33.5

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

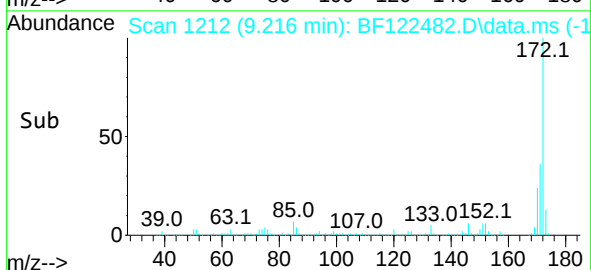
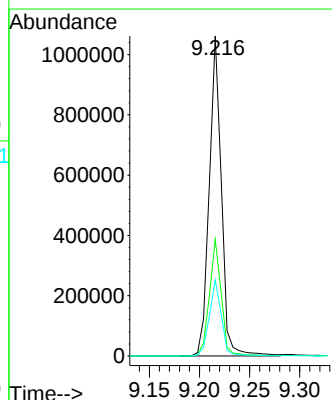
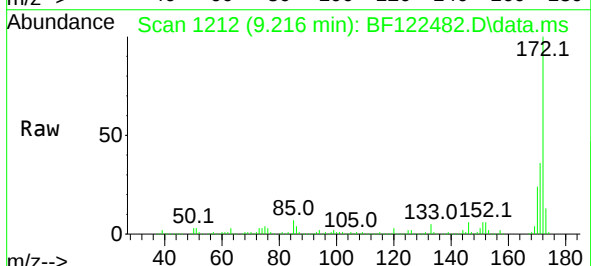
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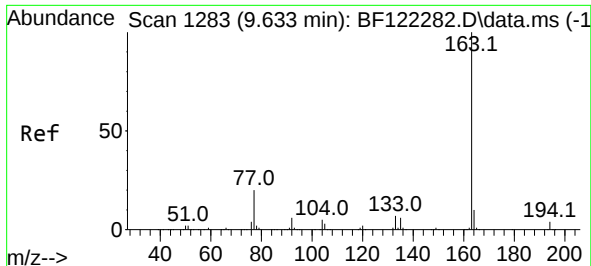
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#45
2-Fluorobiphenyl
Concen: 31.77 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion: 172 Resp: 899614
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 23.7 19.8 29.6





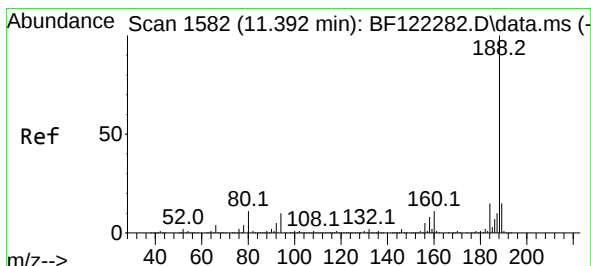
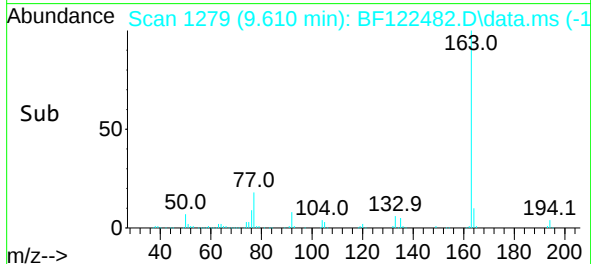
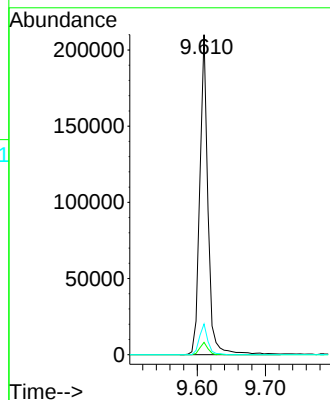
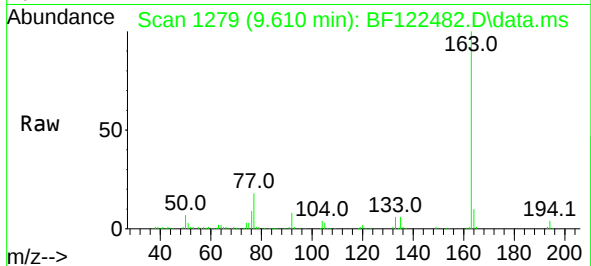
#50
Dimethylphthalate
Concen: 5.58 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:163 Resp: 175542
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.2 12.4

Instrument :
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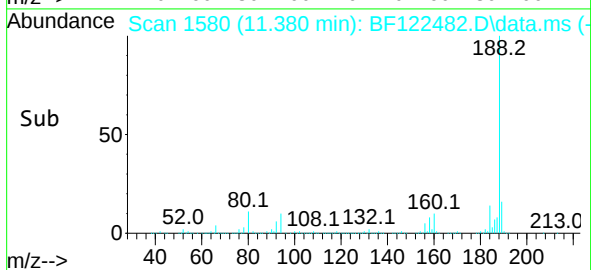
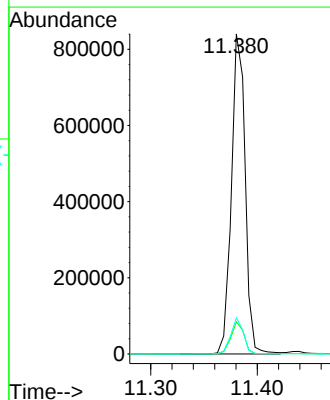
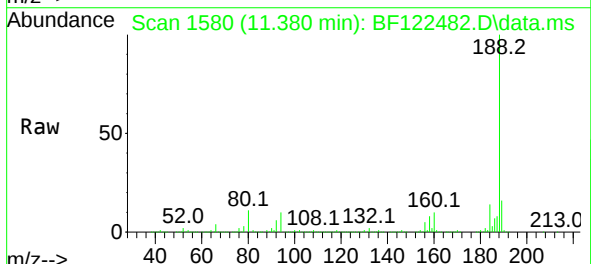
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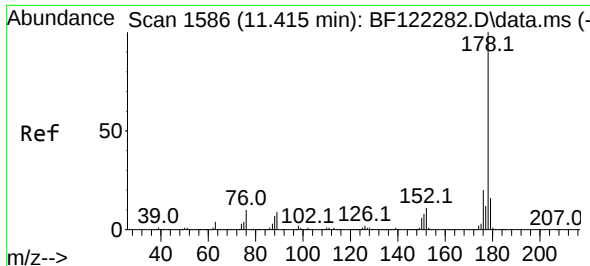
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

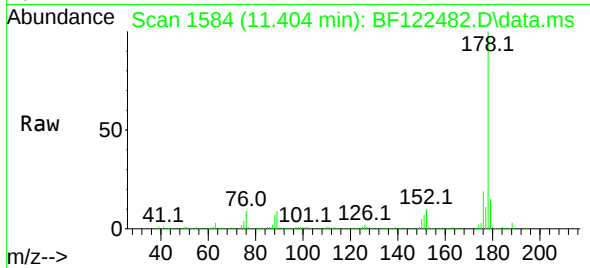
Tgt Ion:188 Resp: 754823
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.3 9.1 13.7





#71
Phenanthrene
Concen: 7.09 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

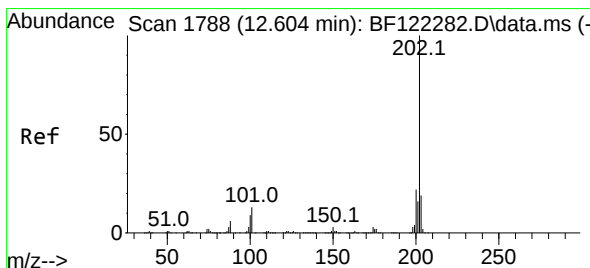
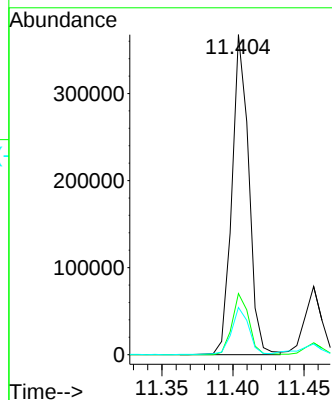
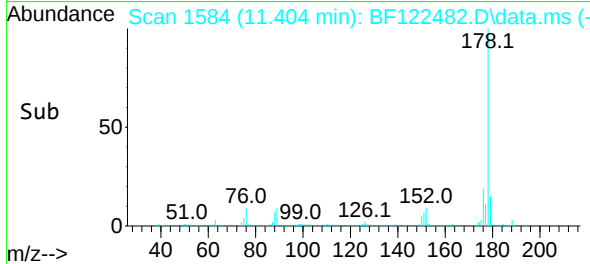
Instrument :
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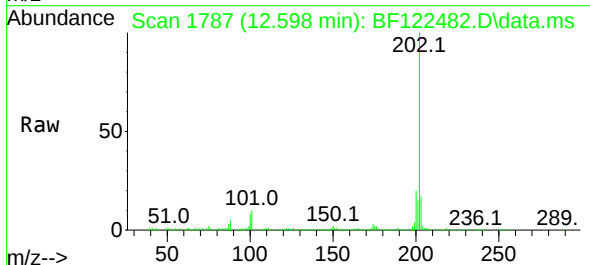
Tgt Ion:178 Resp: 303759
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.7 12.2 18.4

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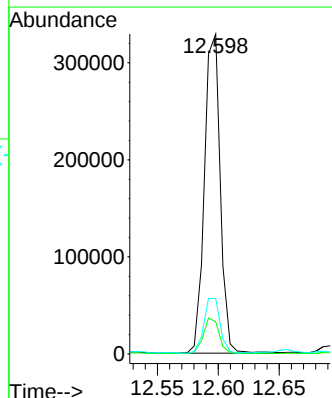
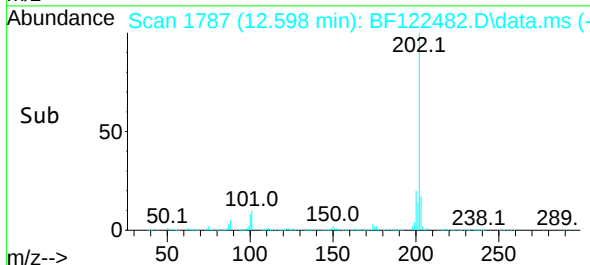
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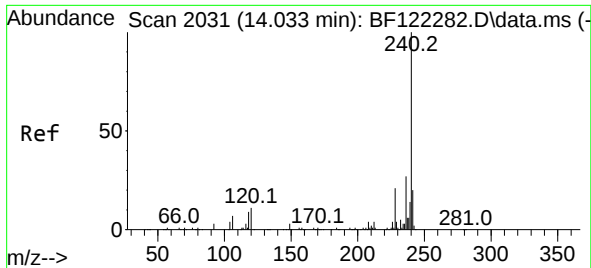


#75
Fluoranthene
Concen: 6.67 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49



Tgt Ion:202 Resp: 298032
Ion Ratio Lower Upper
202 100
101 10.0 0.0 33.4
203 17.3 0.0 37.9





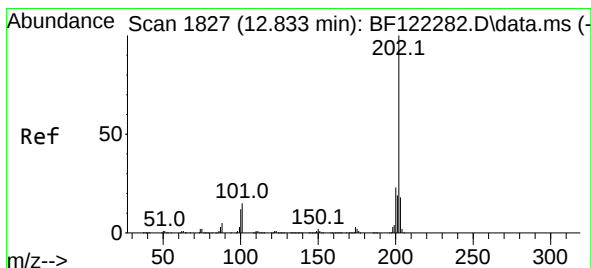
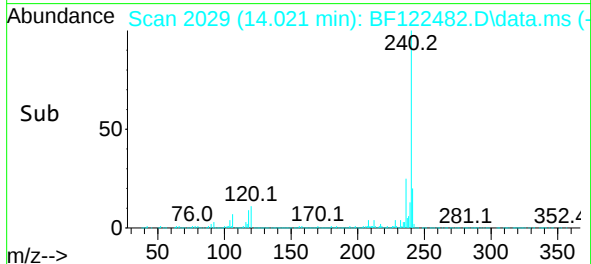
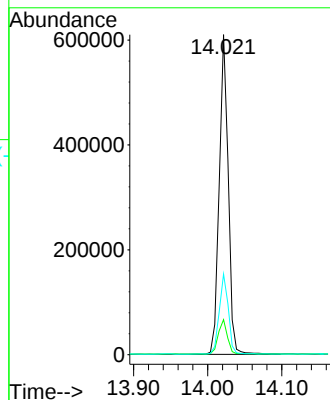
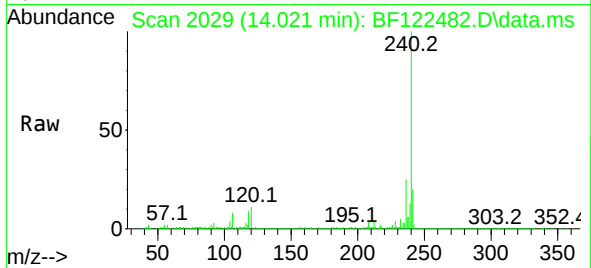
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:240 Resp: 514424
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.2 20.9 31.3

Instrument :
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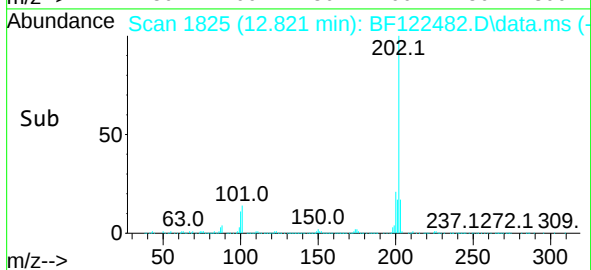
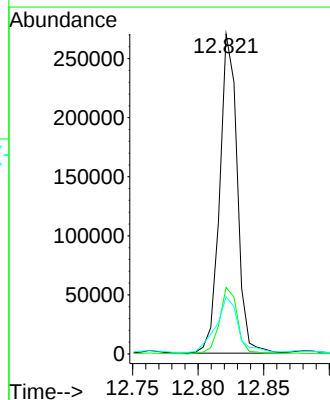
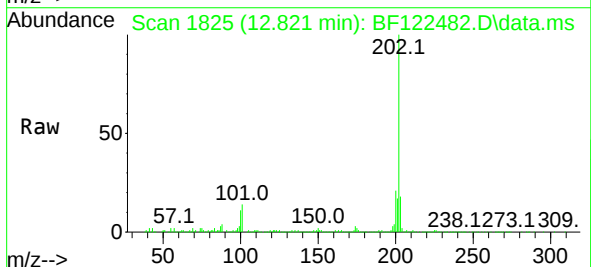
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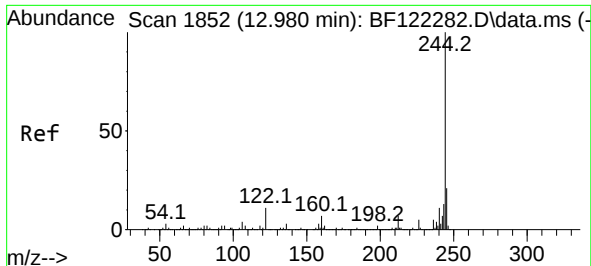
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#78
Pyrene
Concen: 6.95 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:202 Resp: 251140
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.9 14.6 21.8





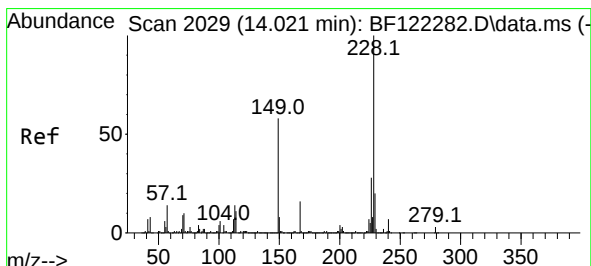
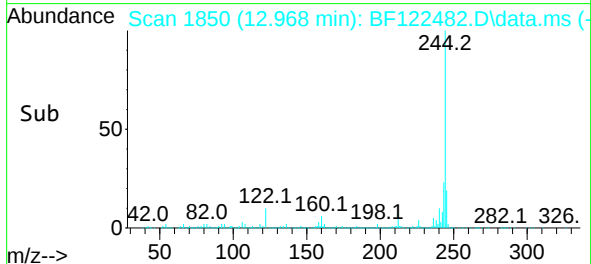
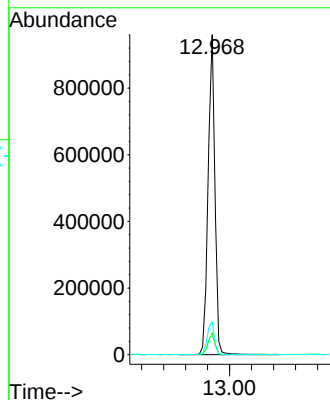
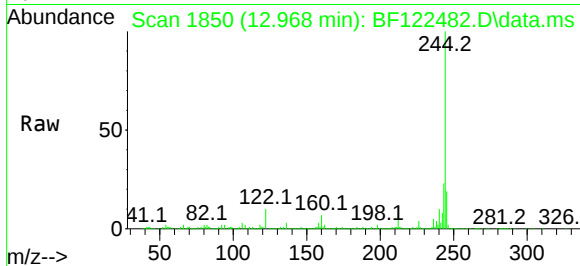
#79
 Terphenyl-d14
 Concen: 33.75 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF122482.D
 Acq: 25 Nov 2020 13:49

Tgt Ion:244 Resp: 819447
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.2 8.1 12.1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-112420

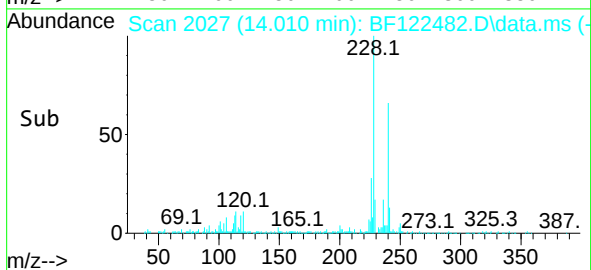
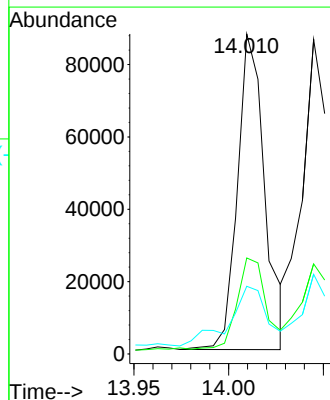
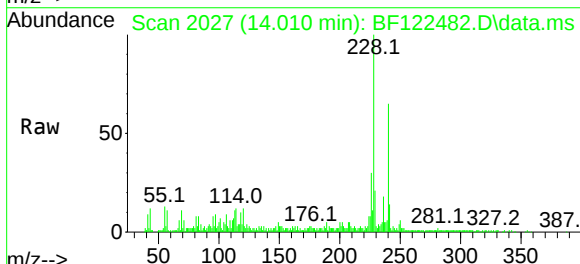
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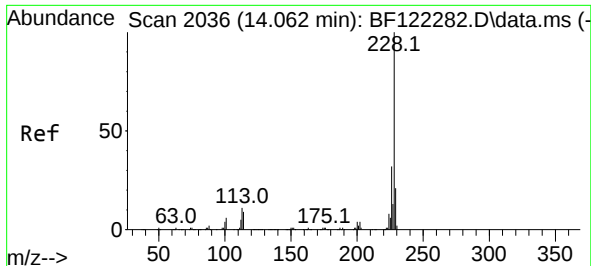
mohammad
 11/27/2020 11:42:16 AM



#81
 Benzo(a)anthracene
 Concen: 2.74 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.012 min
 Lab File: BF122482.D
 Acq: 25 Nov 2020 13:49

Tgt Ion:228 Resp: 87706
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.3 33.5
 229 21.2 16.2 24.4





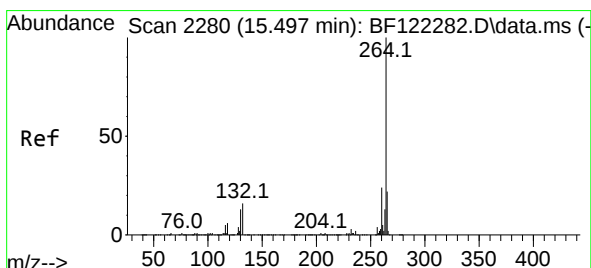
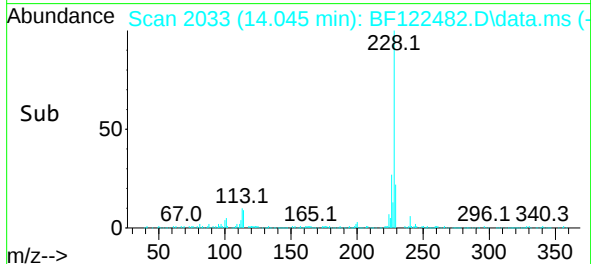
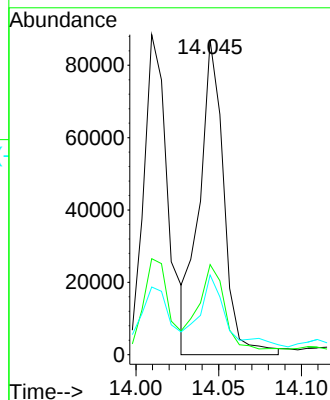
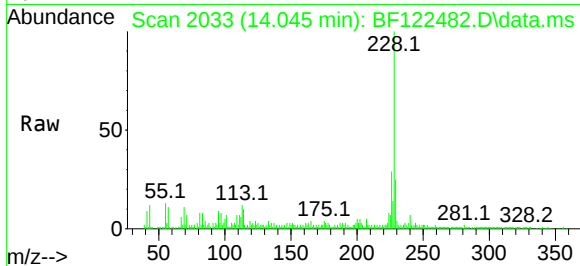
#83
Chrysene
Concen: 2.78 ng m
RT: 14.045 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:228 Resp: 89498
Ion Ratio Lower Upper
228 100
226 28.6 24.6 37.0
229 25.3 15.9 23.9#

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

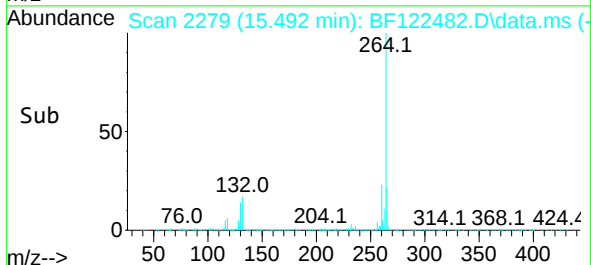
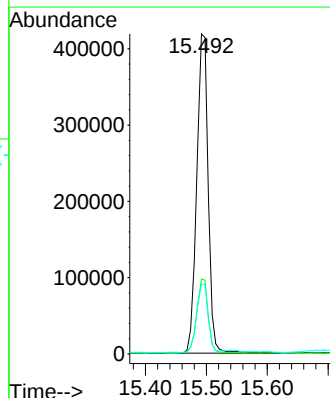
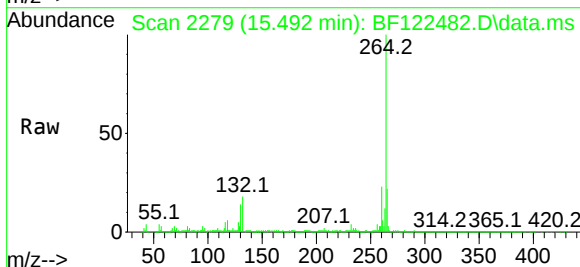
Manual Integrations
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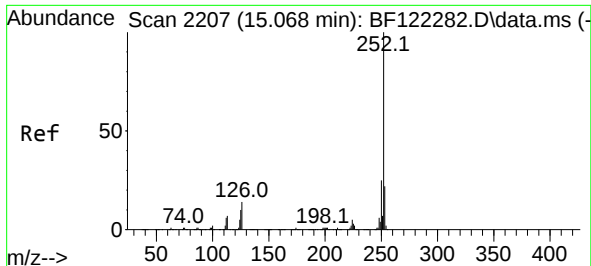
mohammad
11/27/2020 11:42:16 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:264 Resp: 547464
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.3 25.9





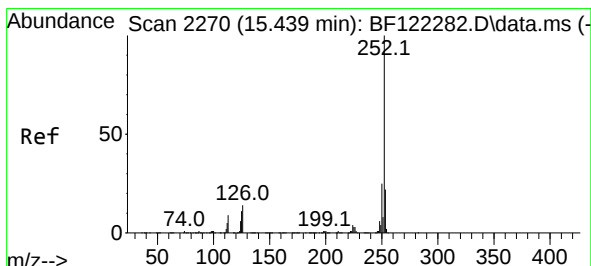
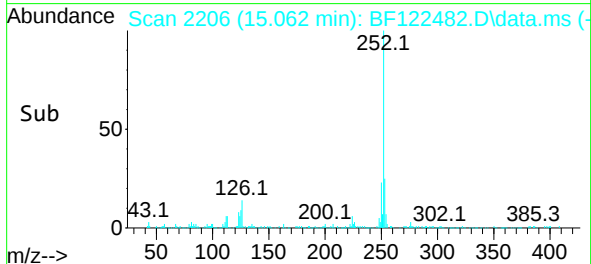
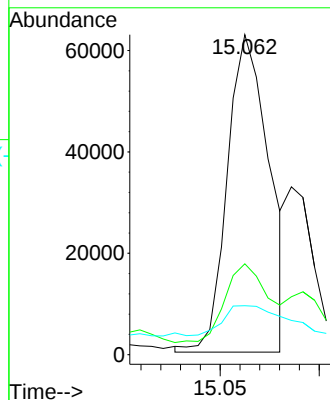
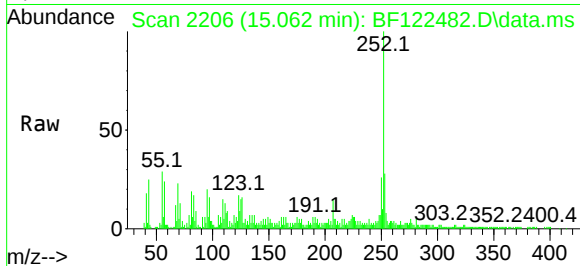
#88
Benzo(b)fluoranthene
Concen: 2.59 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:252 Resp: 91954
Ion Ratio Lower Upper
252 100
253 28.4 18.2 27.2#
125 15.3 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
OK-03-112420

Manual Integrations
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mohammad
11/27/2020 11:42:16 AM



#90
Benzo(a)pyrene
Concen: 2.37 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.018 min
Lab File: BF122482.D
Acq: 25 Nov 2020 13:49

Tgt Ion:252 Resp: 73372
Ion Ratio Lower Upper
252 100
253 25.7 17.3 25.9
125 18.1 8.6 13.0#

